

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 15:30:20

Sample: AD28169
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 15:23 Ended: 1/2/02 15:23 Analyst: MG
 Page: 1

	Component Name	Vol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD28169 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-02-2002 Time: 15:30:35

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D
 Acq On : 22 Dec 2001 11:14 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 28 11:55 2001

Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration
 DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.78	152	837729	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.39	136	3363125	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1471491m	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2220644m	20.00	ng/uL	-0.16
59) Chrysene-d12	33.08	240	1559084	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	1004165	20.00	ng/uL	-0.18

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range	18 - 42	Recovery	=	0.00%#
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range	19 - 32	Recovery	=	0.00%#
6) 2-Chlorophenol-d4	11.79	132	697	0.01	ng/uL	0.37
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.00%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	0.00	172	0	0.00	ng/uL	
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.00%#
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range	45 - 96	Recovery	=	0.00%#
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range	58 - 98	Recovery	=	0.00%#

Target Compounds

				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitrosodimethylamine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.

(#) = qualifier out of range (m) = manual integration

28169.D NP112701.M Fri Dec 28 11:55:11 2001

Page 1

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D

Vial: 19

Acq On : 22 Dec 2001 11:14 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:55 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	0.00	128	0	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.	d	
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	0.00	65	0	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.07	149	2572	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

(#)= qualifier out of range (m)= manual integration

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D

Vial: 19

Acq On : 22 Dec 2001 11:14 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:55 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.08	228	3703	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.35	149	2270	N.D.		
67) Chrysene	33.08	228	3703	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.16	252	3353	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

28169.D NP112701.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D

Acq On : 22 Dec 2001 11:14 am

Sample : gcms unknown 11/23

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 28 11:55 2001

Vial: 19

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

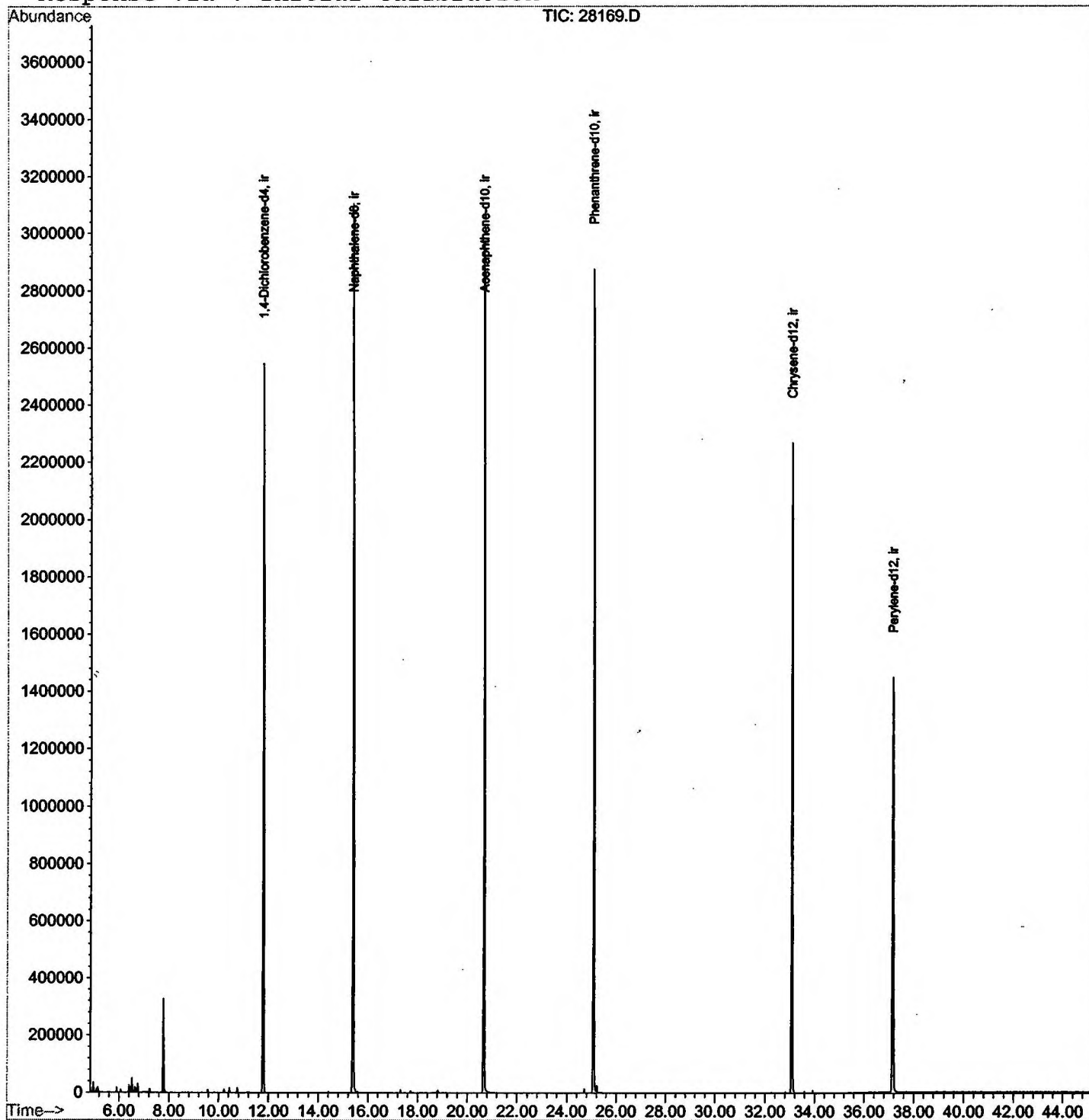
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration



28169.D NP112701.M

Fri Dec 28 11:55:16 2001

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D

Vial: 19

Acq On : 22 Dec 2001 11:14 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.509	176	182	186	rBV	50360	97539	1.42%	0.278%
2	7.765	315	319	333	rBB	327454	630378	9.15%	1.800%
3	11.781	752	757	770	rVB	2546318	5288020	76.78%	15.097%
4	15.395	1144	1151	1166	rBV	3106665	6887671	100.00%	19.664%
5	20.667	1718	1726	1742	rBV	2971752	6690189	97.13%	19.100%
6	25.078	2199	2207	2218	rBV2	2875788	6370296	92.49%	18.187%
7	33.084	3073	3080	3095	rBV2	2267397	5165609	75.00%	14.747%
8	37.155	3516	3524	3536	rBV2	1443953	3897683	56.59%	11.128%

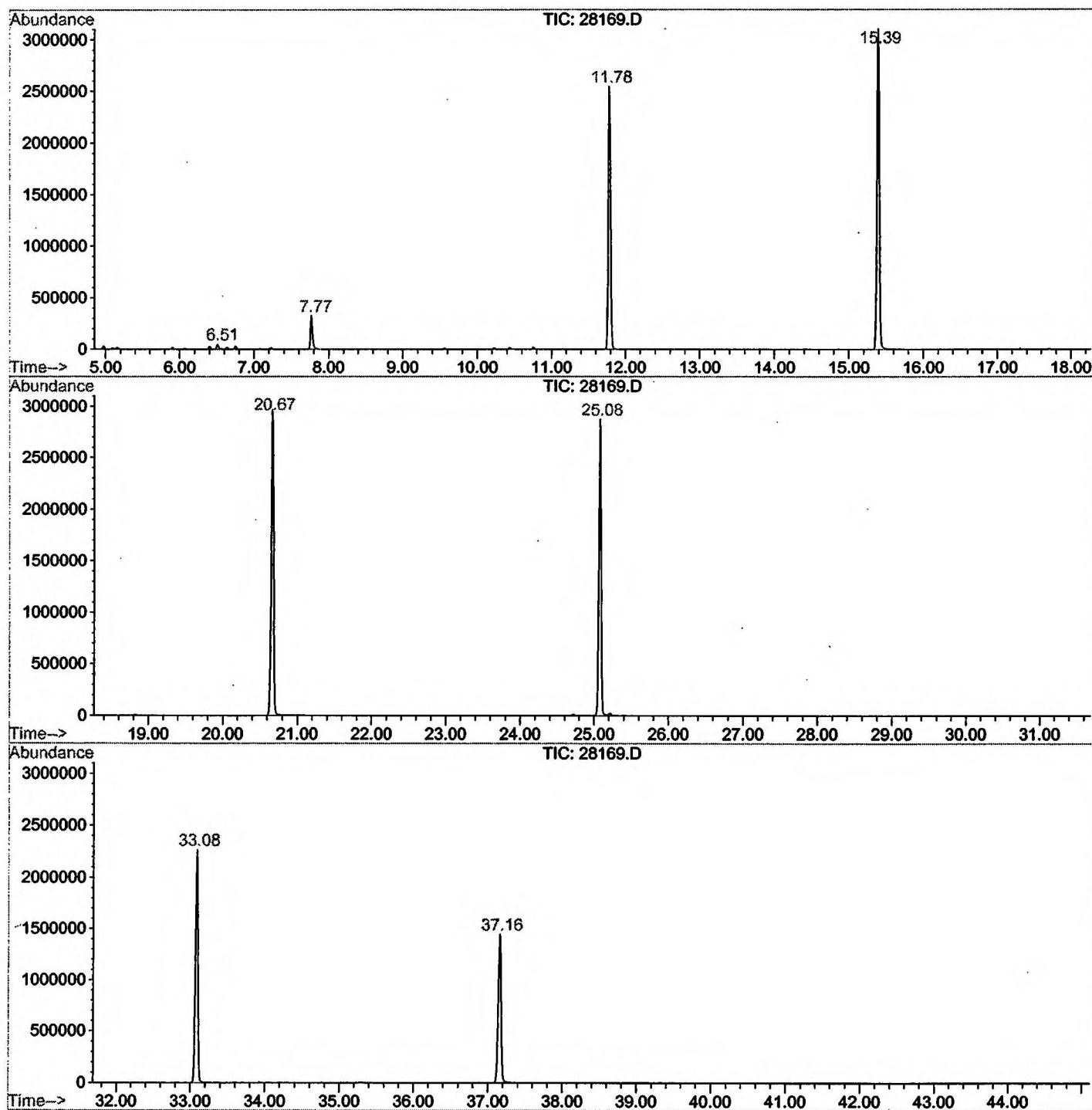
Sum of corrected areas: 35027385

28169.D NP112701.M

Fri Dec 28 09:59:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28169.D
Operator : GALOS
Acquired : 22 Dec 2001 11:14 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 19
Quant File :NP112701.RES (RTE Integrator)



28169.D NP112701.M

Fri Dec 28 09:59:32 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28169.D
 Acq On : 22 Dec 2001 11:14 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: LSCINT.P

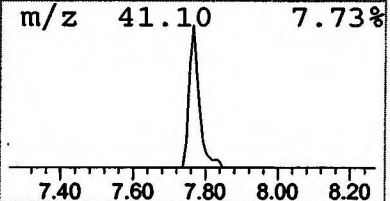
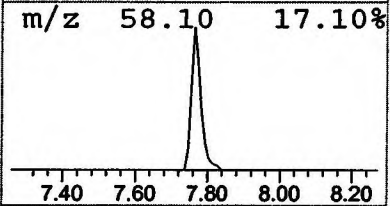
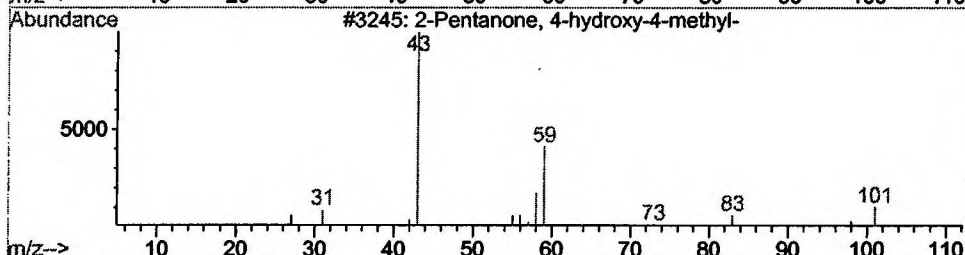
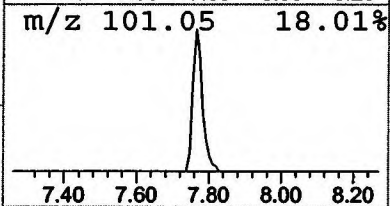
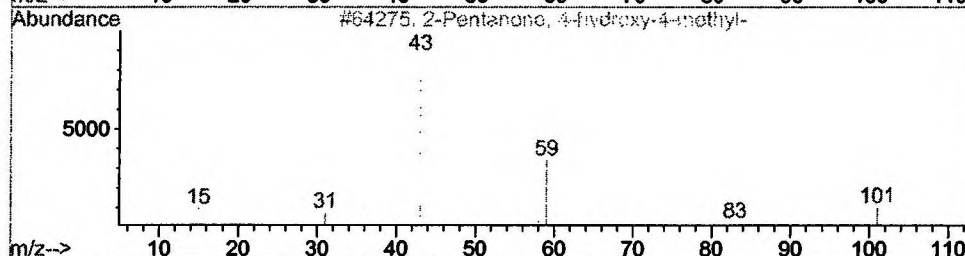
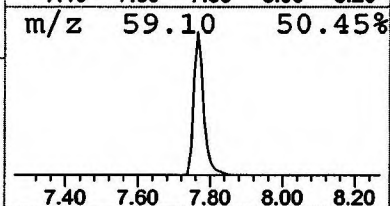
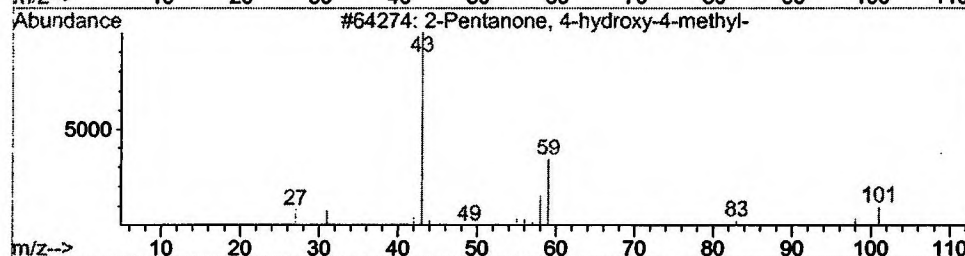
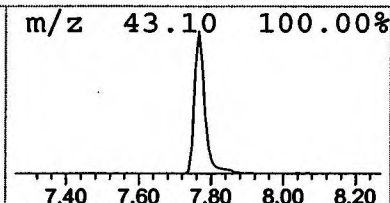
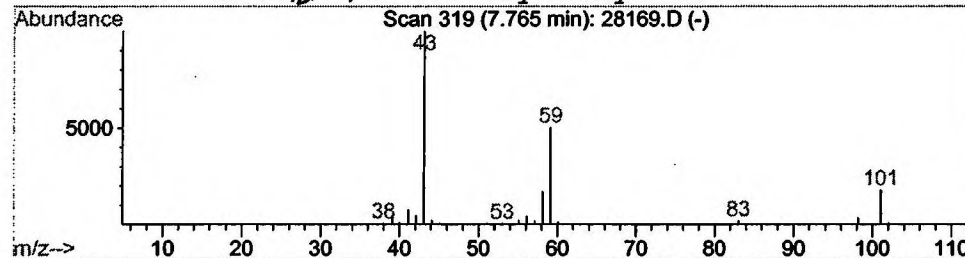
Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.38 ng/uL	630378	1,4-Dichlorobenzene-d4	11.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

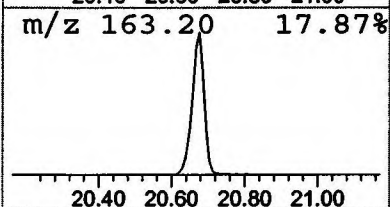
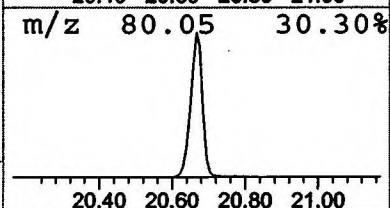
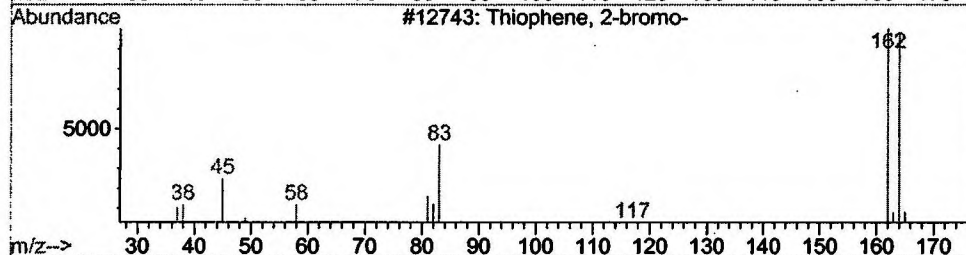
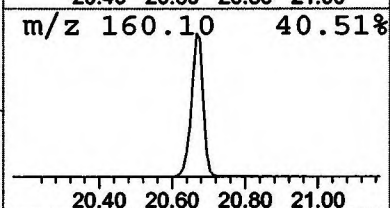
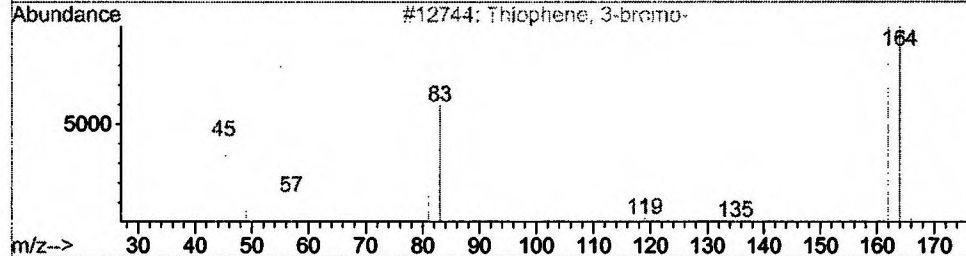
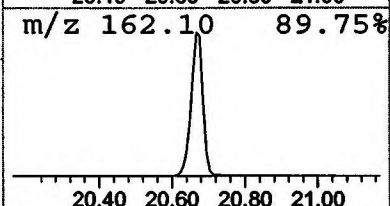
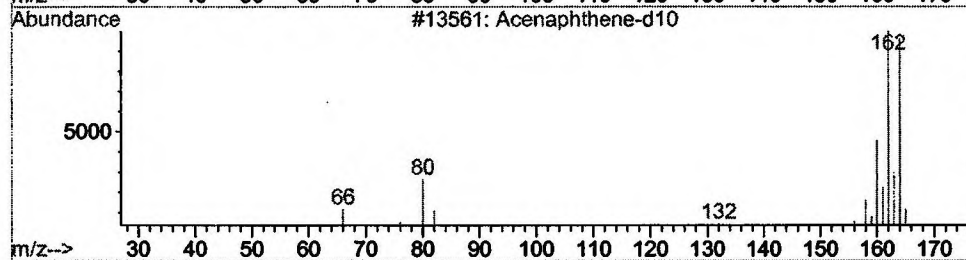
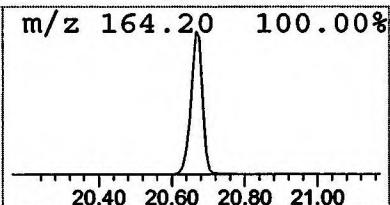
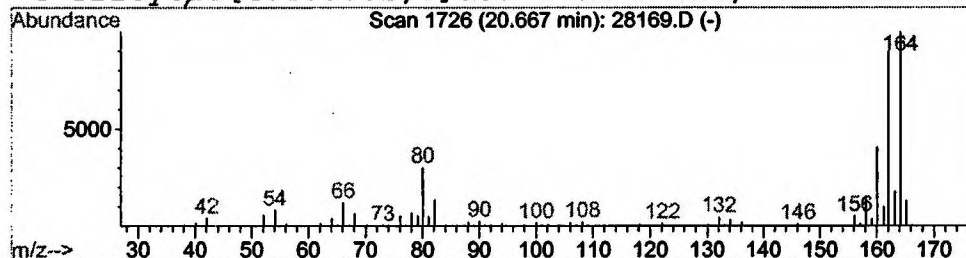
Vial: 19
Operator: GALOS
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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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Library : C:\DATABASE\NBS75K.L

Peak Number 2 Acenaphthene-d10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	21.00 ng/uL	6690190	Phenanthrene-d10	25.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene-d10	164	C12D10	015067-26-2	93
2			Thiophene, 3-bromo-	162	C4H3BrS	000872-31-1	28
3			Thiophene, 2-bromo-	162	C4H3BrS	001003-09-4	28
4			Tricyclo[4.4.0.0.2,7]dec-4-en-3-one,	162	C11H14O	006518-50-9	17



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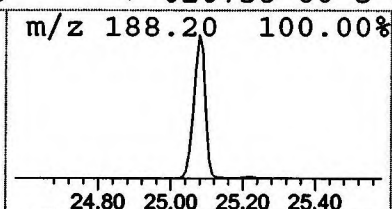
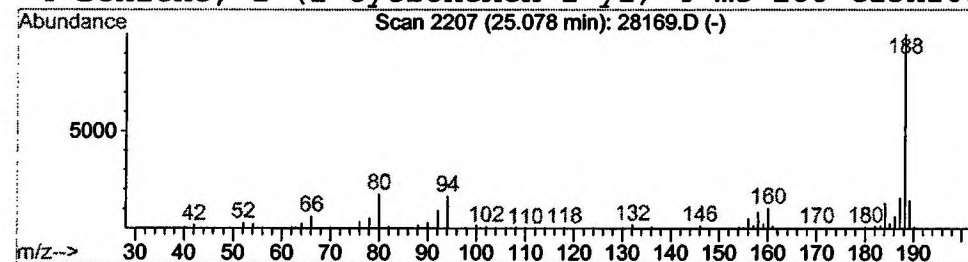
Vial: 19
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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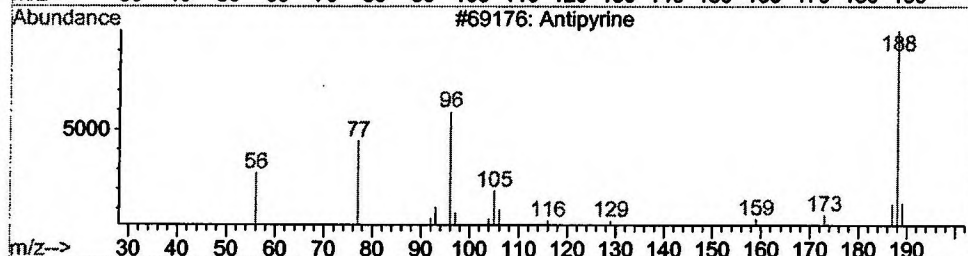
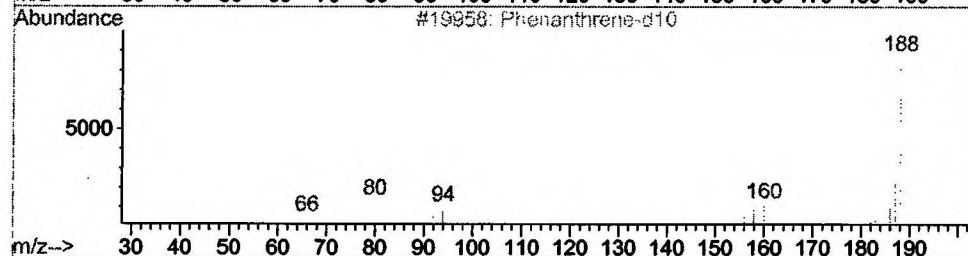
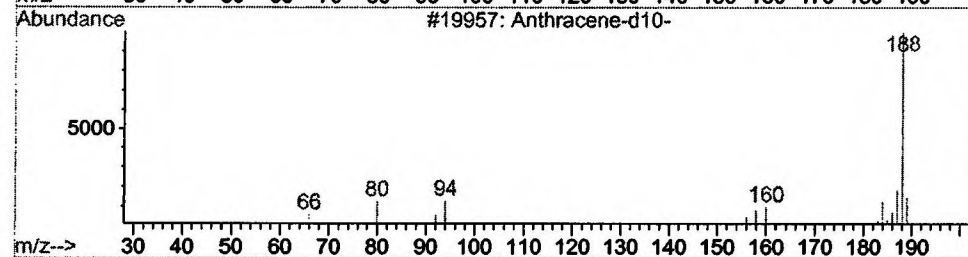
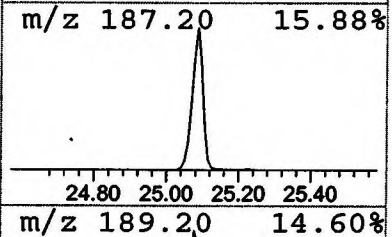
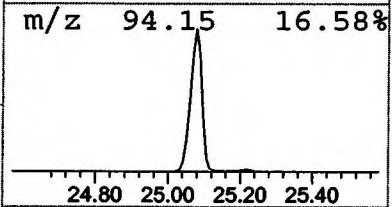
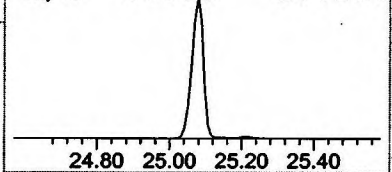
Peak Number 3 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.08	20.00 ng/uL	6370300	Phenanthrene-d10	25.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	96
2			Phenanthrene-d10	188	C14D10	001517-22-2	87
3			Antipyrine	188	C11H12N2O	000060-80-0	36
4			Benzene, 1-(1-cyclohexen-1-yl)-4-me	188	C13H16O	020758-60-5	33



m/z 80.05 17.55%



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 11:14 am
 Data File: C:\HPCHEM\1\DATA\DEC2101\28169.D
 Name: gcms unknown 11/23
 Misc:
 Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title: 208 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	7.77	2.4	ng/uL	630378	ISTD02	11.78	5288020	20.0
Acenaphthene-d10	20.67	21.0	ng/uL	6690190	ISTD04	25.22	6370300	20.0
Anthracene-d10-	25.08	20.0	ng/uL	6370300	ISTD04	25.22	6370300	20.0

28169.D NP112701.M Fri Dec 28 09:59:40 2001