User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 10:23:06

Sample: AD27288
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 10:20 Ended: 12/19/01 10:20 Analyst: MG
Page: 1

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

Dep 18 Wayne

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D Vial: 8
Acq On : 12 Dec 2001 9:40 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:30 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.84	152	785779	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.44	136	3161048	20.00	ng/uL	-0.11
31) Acenaphthene-d10	20.71	164	1379781	20.00	ng/uL	-0.11
49) Phenanthrene-d10	25.13	188	2080481	20.00	ng/uL	-0.12
59) Chrysene-d12	33.12	240	1309629	20.00	ng/uL	-0.13
68) Perylene-d12	37.20	264	974828	20.00	ng/uL	-0.13
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	0.00	132	0	0.00	ng/uL	
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.00%#			
7) 1,2-Dichlorobenzene-d4	12.03	152	607	0.02	ng/uL	-0.43
Spiked Amount 50.000	Range 26 - 73		Recovery = 0.04%#			
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery = 0.00%#			
32) 2-Fluorobiphenyl	18.86	172	1305	0.02	ng/uL	0.03
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.04%#			
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	30.01	244	4262	0.07	ng/uL	-0.12
Spiked Amount 50.000	Range 58 - 98		Recovery = 0.14%#			
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

Quantitation Report (QT Reviewed)

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Acq On : 12 Dec 2001 9:40 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:30 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.	
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	21.31	65	3383	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)	Azobenzen/ 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	25.13	178	278	N.D.	
56)	Anthracene	25.13	178	278	N.D.	
57)	Di-n-butylphthalate	27.12	149	30038	N.D.	
58)	Fluoranthene	28.79	202	6488	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D Vial: 8
Acq On : 12 Dec 2001 9:40 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:30 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

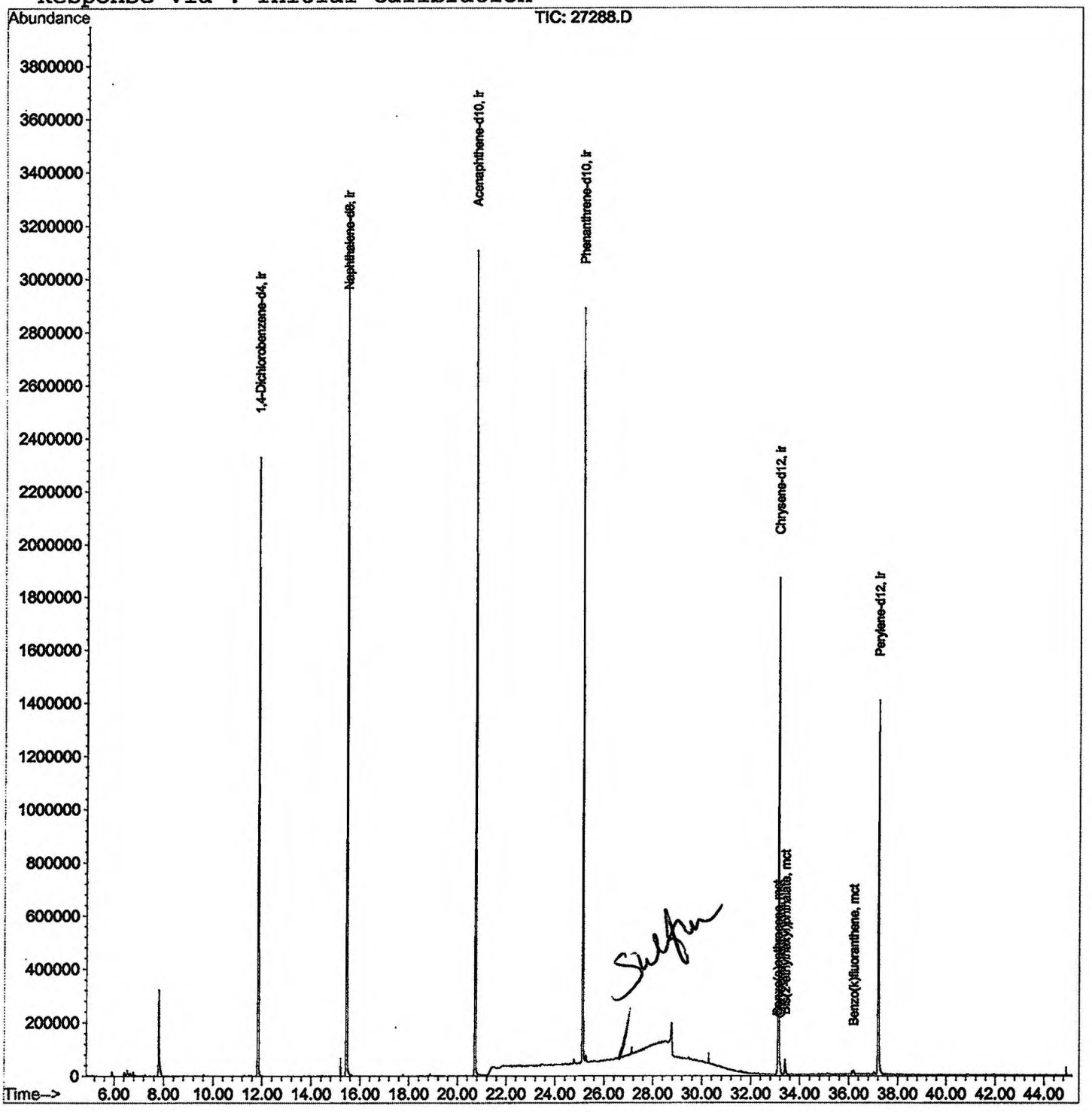
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	29.45	202	8377	N.D.	
64) Butylbenzylphthalate	31.61	149	5233	N.D.	
65) Benzo(a)anthracene	33.08	228	23700	0.30 ng/uL	97
66) Bis(2-ethylhexyl)phthalate	33.40	149	42213	0.56 ng/uL	99
67) Chrysene	33.20	228	25150	0.34 ng/uL	94
69) Di-n-Octylphthalate	35.12	149	7043	N.D.	
70) Benzo(b)fluoranthene	36.14	252	12628	N.D.	
71) Benzo(k)fluoranthene	36.19	252	21944	0.30 ng/uL	95
72) Benzo(a)pyrene	37.03	252	10858	N.D.	
73) Indeno(1,2,3-cd)pyrene	40.93	276	1303	N.D.	
74) Dibenz(a,h)anthracene	40.91	278	4195	N.D.	
75) Benzo(g,h,i)perylene	41.93	276	8520	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D Vial: 8
Acq On : 12 Dec 2001 9:40 pm Operator: GALOS
Sample : gc/ms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:30 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D Vial: 8
Acq On : 12 Dec 2001 9:40 pm Operator: GALOS
Sample : gc/ms unknown 11/14 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

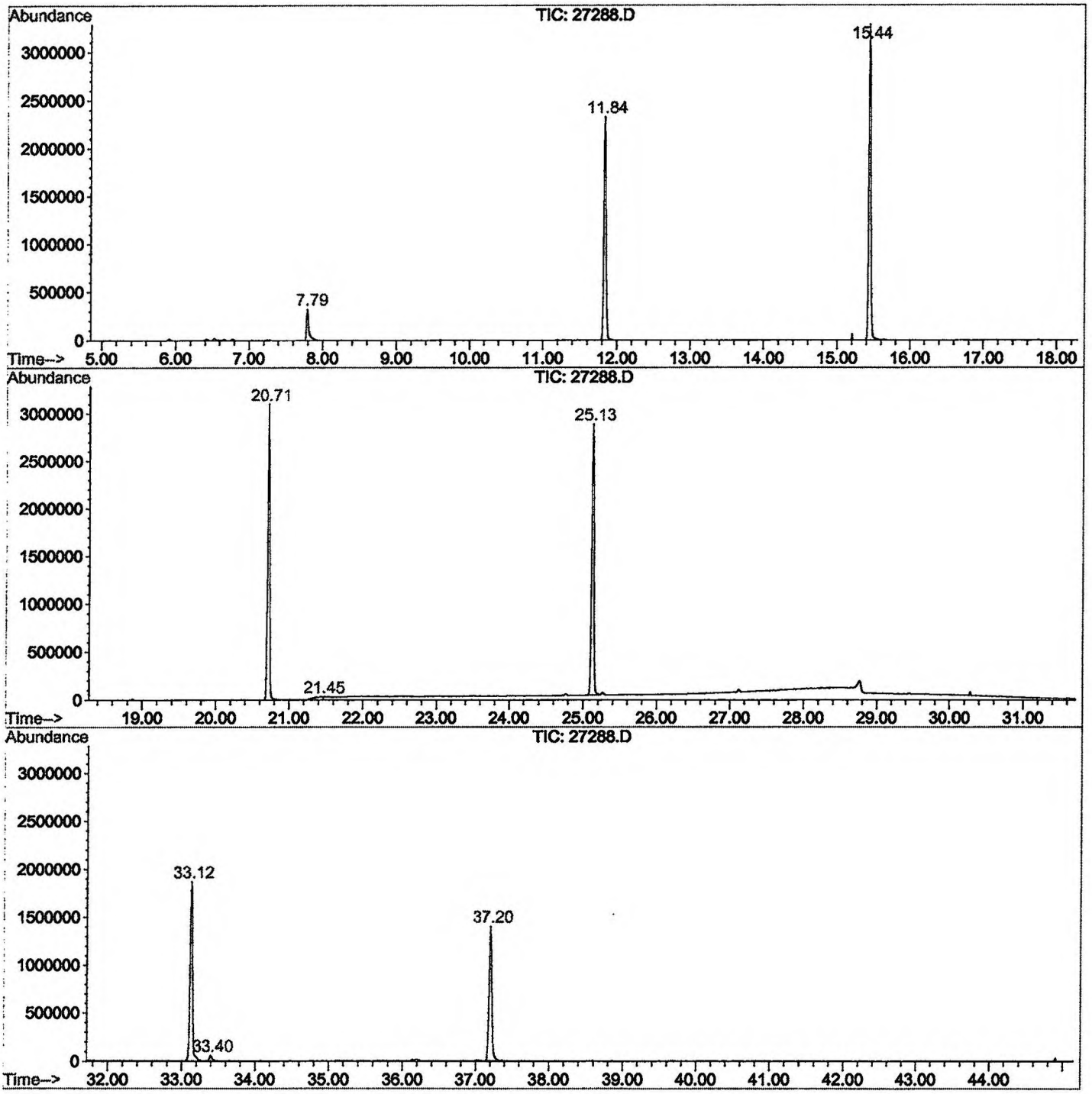
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.794	318	322	339	rVB	322344	707728	11.12%	2.183%
2	11.838	757	763	777	rVB	2328364	4903735	77.07%	15.126%
3	15.442	1151	1156	1173	rBV	3287291	6362851	100.00%	19.626%
4	20.715	1725	1731	1743	rBV	3107391	6206210	97.54%	19.143%
5	21.448	1789	1811	1813	rBV3	31491	265326	4.17%	0.818%
6	25.126	2206	2212	2223	rBV2	2839927	5822206	91.50%	17.959%
7	33.122	3074	3084	3101	rBV2	1864890	4352961	68.41%	13.427%
8	33.397	3109	3114	3123	rBV	55521	143958	2.26%	0.444%
9	37.203	3521	3529	3544	rBV	1399856	3654990	57.44%	11.274%

Sum of corrected areas: 32419965

27288.D NP112701.M Fri Dec 14 10:08:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\27288.D
Operator : GALOS
Acquired : 12 Dec 2001 9:40 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/14
Misc Info :
Vial Number: 8
Quant File :NP112701.RES (RTE Integrator)



27288.D NP112701.M Fri Dec 14 10:08:50 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D
Acq On : 12 Dec 2001 9:40 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

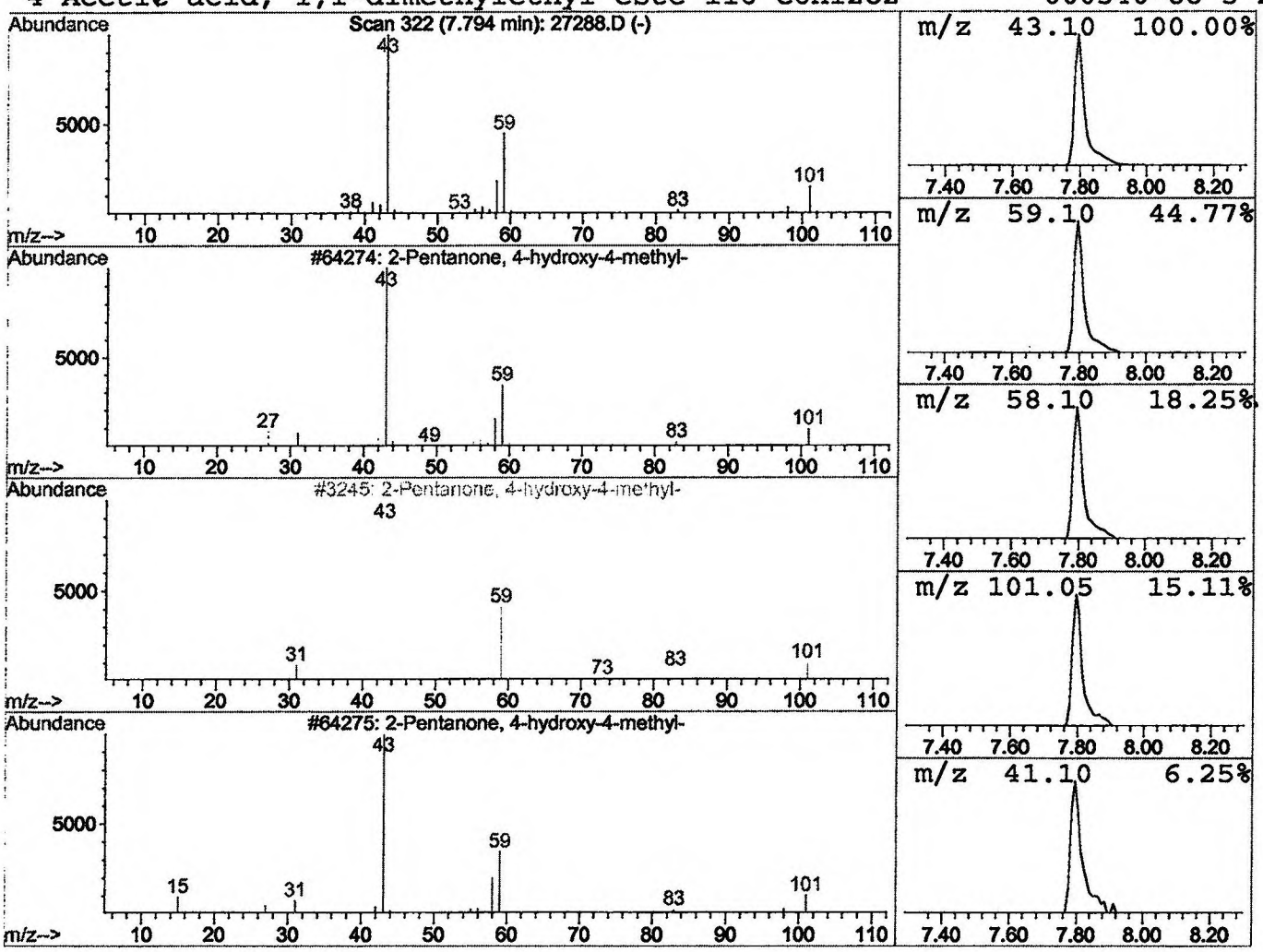
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.89 ng/uL	707728	1,4-Dichlorobenzene-d4	11.84

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	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27288.D
Acq On : 12 Dec 2001 9:40 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

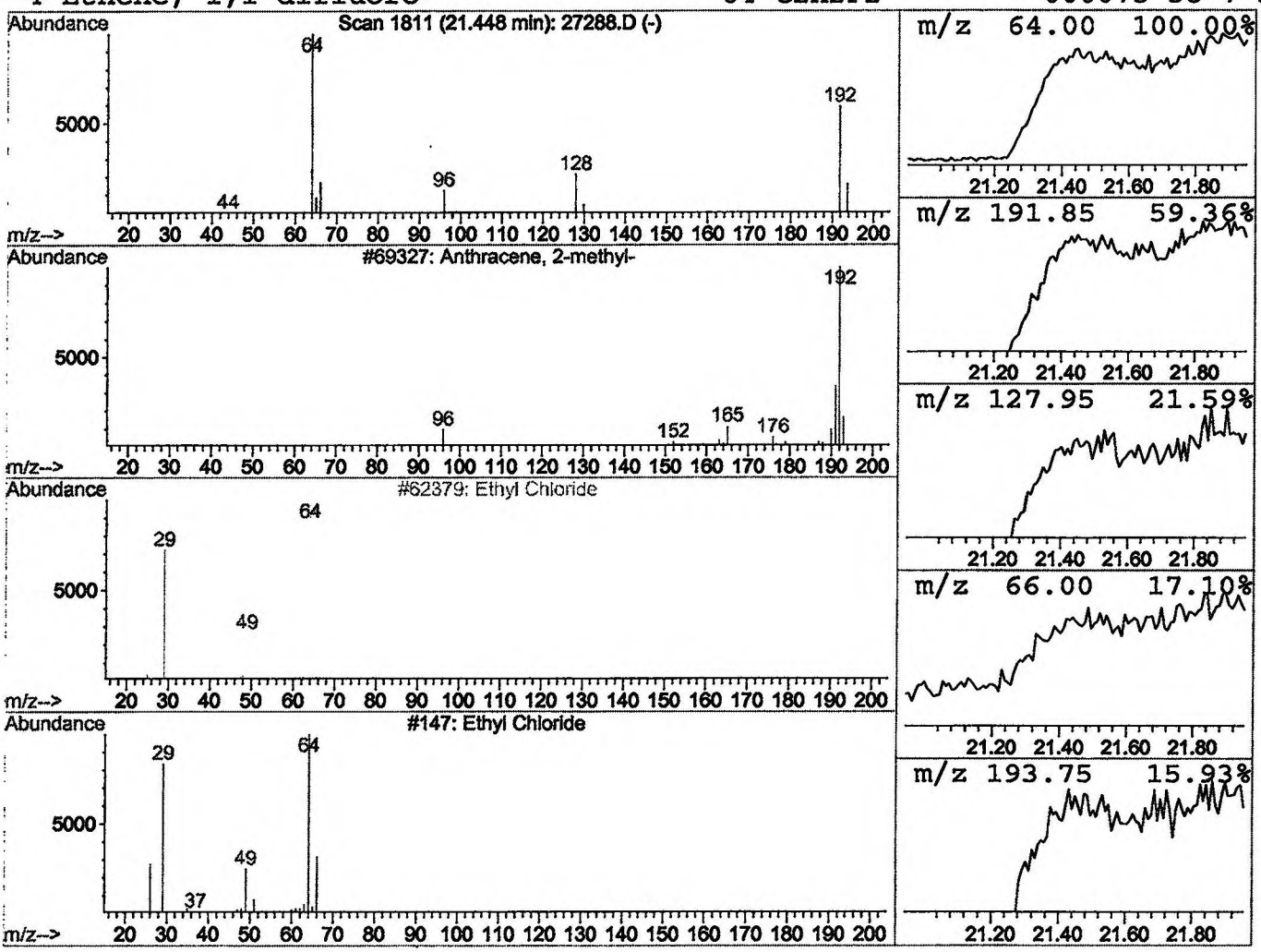
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	0.86 ng/uL	265326	Acenaphthene-d10	20.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	4
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	3



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 12 Dec 2001 9:40 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\27288.D
Name: gc/ms unknown 11/14
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	7.79	2.9	ng/uL	707728	ISTD01	11.84	4903740	20.0
Anthracene, 2-methyl	21.45	0.9	ng/uL	265326	ISTD03	20.71	6206210	20.0

27288.D NP112701.M Fri Dec 14 10:08:56 2001

Comments for Sample AD27288 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-24-2001 Time: 11:56:50

A scan of the extract prepared for the 508 analysis, from 35 to 550 amu using a mass spectrometer, reveals the presence of the following compounds at estimated levels:
Benzo(a)anthracene - 0.30 ug/L, fit - 97
Bis(2-ethylhexyl)phthalate - 0.56 ug/L, fit - 99
Chrysene - 0.34 ug/L, fit - 94
Benzo(k)fluoranthene - 0.30 ug/L, fit - 95
This sample will be re-extracted and re-analyzed, along with its Field Blank.