

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/30/2001 Time: 12:57:50

Sample: AD28429
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/30/01 12:43 Ended: 11/30/01 12:43 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD28429 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-03-2001 Time: 12:45:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recovery for the Surrogate Standard in this sample was 71%. Recoveries for 41 of the 44 compounds in the LSC Standard were outside of EPA 625 acceptance ranges, soon however, GCMS method acceptance ranges will be established and used instead.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2701\28429.D
 Acq On : 28 Nov 2001 2:46 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 29 15:21 2001

Vial: 21
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Nov 28 15:06:24 2001
 Response via : Initial Calibration
 DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	828892	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	3138618	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1493030	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2005115	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	912930	20.00	ug/l	-0.01
59) Perylene-d12	37.12	264	570775	20.00	ug/l	0.00

System Monitoring Compounds

52) 2,4-DDD	30.07	235	84172	3.53	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	70.60%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.23	74	519	N.D.	
4) Phenol	0.00	94	0	N.D.	
5) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
6) 2-Chlorophenol	0.00	128	0	N.D.	
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
10) 2-Methylphenol	0.00	108	0	N.D.	
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
12) 3&4-Methylphenol	0.00	108	0	N.D.	
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
14) Hexachloroethane	0.00	117	0	N.D.	
16) Nitrobenzene	0.00	77	0	N.D.	
17) Isophorone	0.00	82	0	N.D.	
18) 2-Nitrophenol	0.00	139	0	N.D.	
19) 2,4-Dimethylphenol	0.00	107	0	N.D.	
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
21) 2,4-Dichlorophenol	0.00	162	0	N.D.	
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
23) Naphthalene	15.36	128	528	N.D.	
24) Hexachlorobutadiene	0.00	225	0	N.D.	
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2701\28429.D

Vial: 21

Acq On : 28 Nov 2001 2:46 pm

Operator: 209 GALOS

Sample : 11/21 scan

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 29 15:21 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.		
34) Acenaphthene	0.00	153	0	N.D.		
35) 2,4-Dinitrophenol	0.00	184	0	N.D.		
36) 4-Nitrophenol	0.00	65	0	N.D.		
37) 2,4-Dinitrotoluene	21.03	165	285	N.D.		
38) Diethylphthalate	22.09	149	344	N.D.		
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
40) Fluorene	0.00	166	0	N.D.		
41) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
46) Hexachlorobenzene	0.00	284	0	N.D.		
47) Pentachlorophenol	0.00	266	0	N.D.		
48) Phenanthrene	24.99	178	397	N.D.		
49) Anthracene	24.99	178	397	N.D.		
50) Di-n-butylphthalate	27.00	149	26944	N.D.		
51) Fluoranthene	0.00	202	0	N.D.		
54) Pyrene	0.00	202	0	N.D.		
55) Butylbenzylphthalate	31.51	149	212	N.D.		
56) Benzo(a)anthracene	33.10	228	2999	N.D.		
57) Bis(2-ethylhexyl)phthalate	33.31	149	2155	N.D.		
58) Chrysene	33.10	228	2999	N.D.		
60) Di-n-Octylphthalate	35.04	149	965	N.D.		
61) Benzo(b)fluoranthene	36.07	252	2336	N.D.		
62) Benzo(k)fluoranthene	36.14	252	1334	N.D.		
63) Benzo(a)pyrene	36.96	252	625	N.D.		
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
66) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

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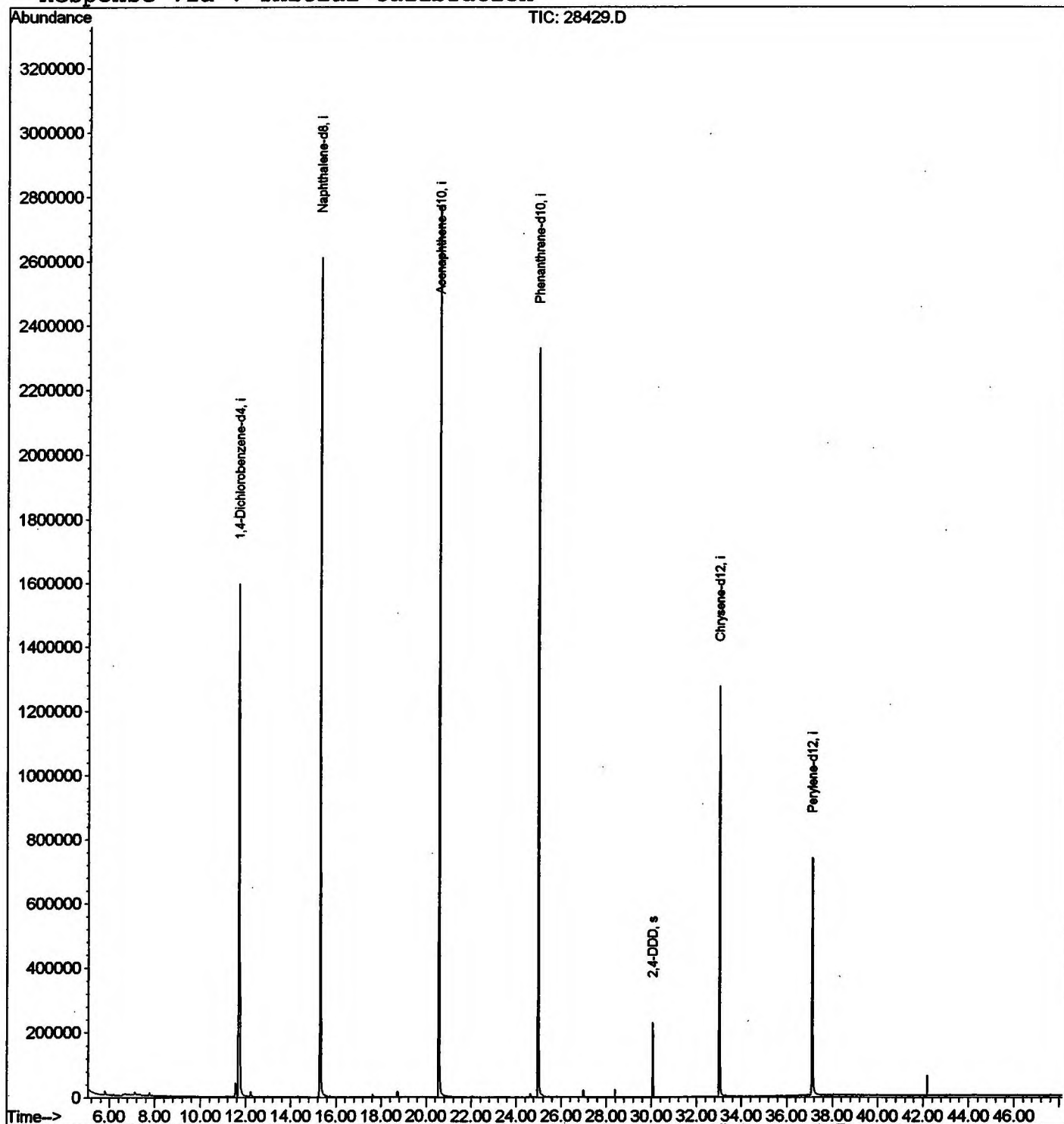
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2701\28429.D
Acq On : 28 Nov 2001 2:46 pm
Sample : 11/21 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 29 15:21 2001

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2701\28429.D
 Acq On : 28 Nov 2001 2:46 pm
 Sample : 11/21 scan
 Misc :
 MS Integration Params: LSCINT.P

Vial: 21
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

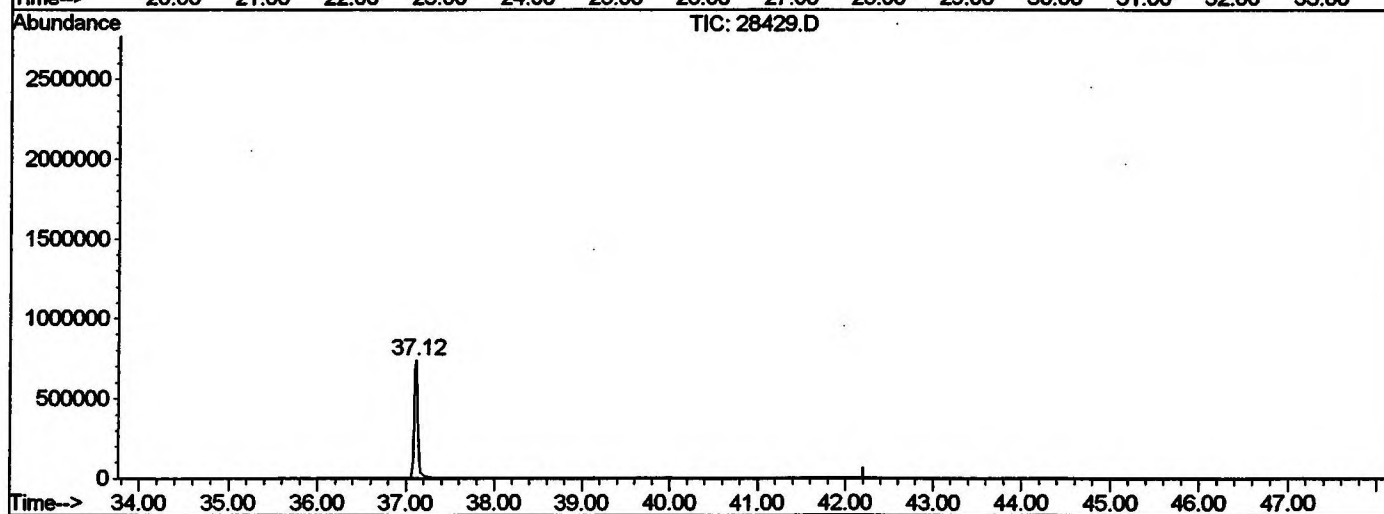
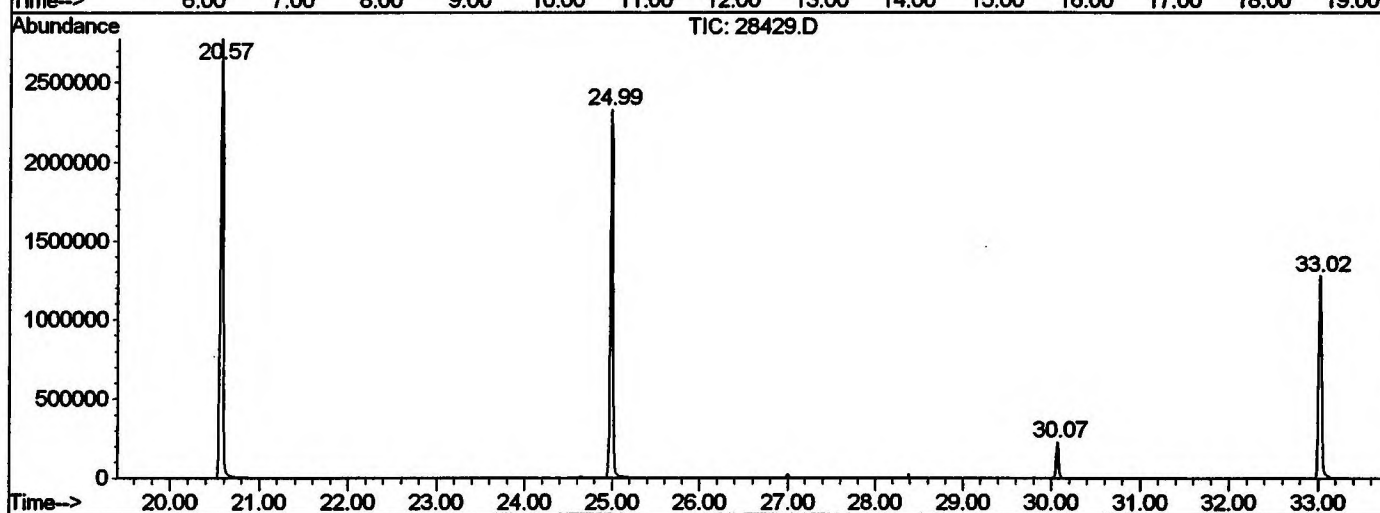
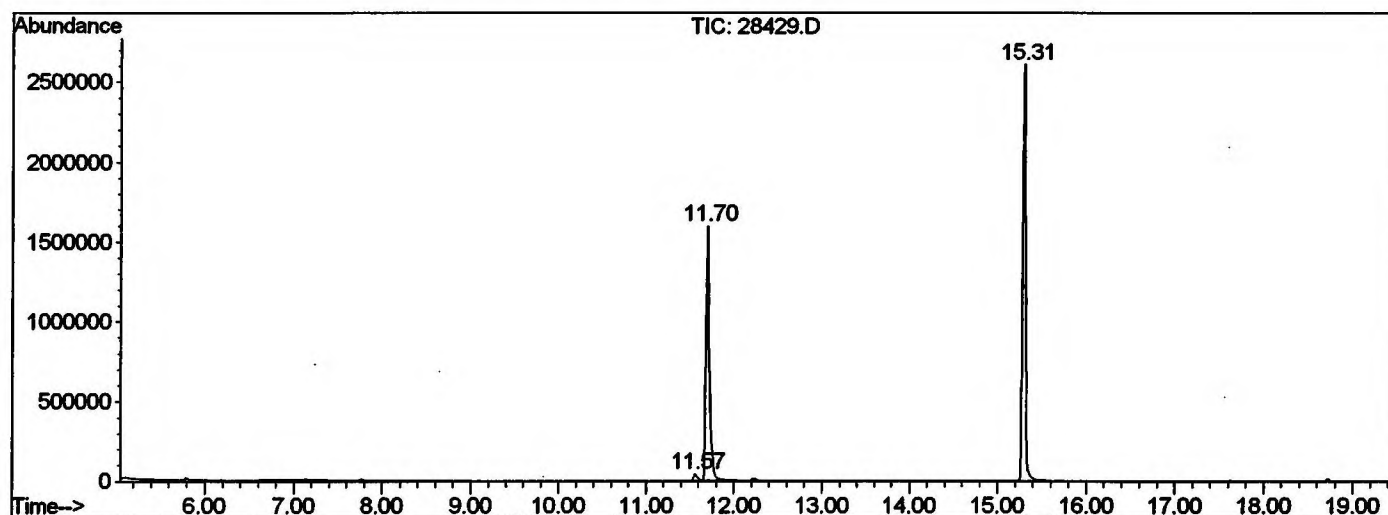
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.569	706	711	719	rVB	40867	110300	1.85%	0.414%
2	11.697	720	725	744	rBV	1593018	4351620	73.04%	16.325%
3	15.305	1112	1118	1135	rBV	2610411	5785065	97.10%	21.703%
4	20.575	1685	1692	1715	rBV	2774249	5957646	100.00%	22.350%
5	24.990	2167	2173	2187	rBV2	2328601	5066796	85.05%	19.008%
6	30.067	2721	2726	2736	rVB	228063	440932	7.40%	1.654%
7	33.023	3041	3048	3062	rBV2	1274461	2890853	48.52%	10.845%
8	37.118	3486	3494	3508	rBV2	732972	2052599	34.45%	7.700%

Sum of corrected areas: 26655811

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2701\28429.D
 Operator : 209 GALOS
 Acquired : 28 Nov 2001 2:46 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: 11/21 scan
 Misc Info :
 Vial Number: 21
 Quant File :GCMS1126.RES (RTE Integrator)



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Library Search Compound Report

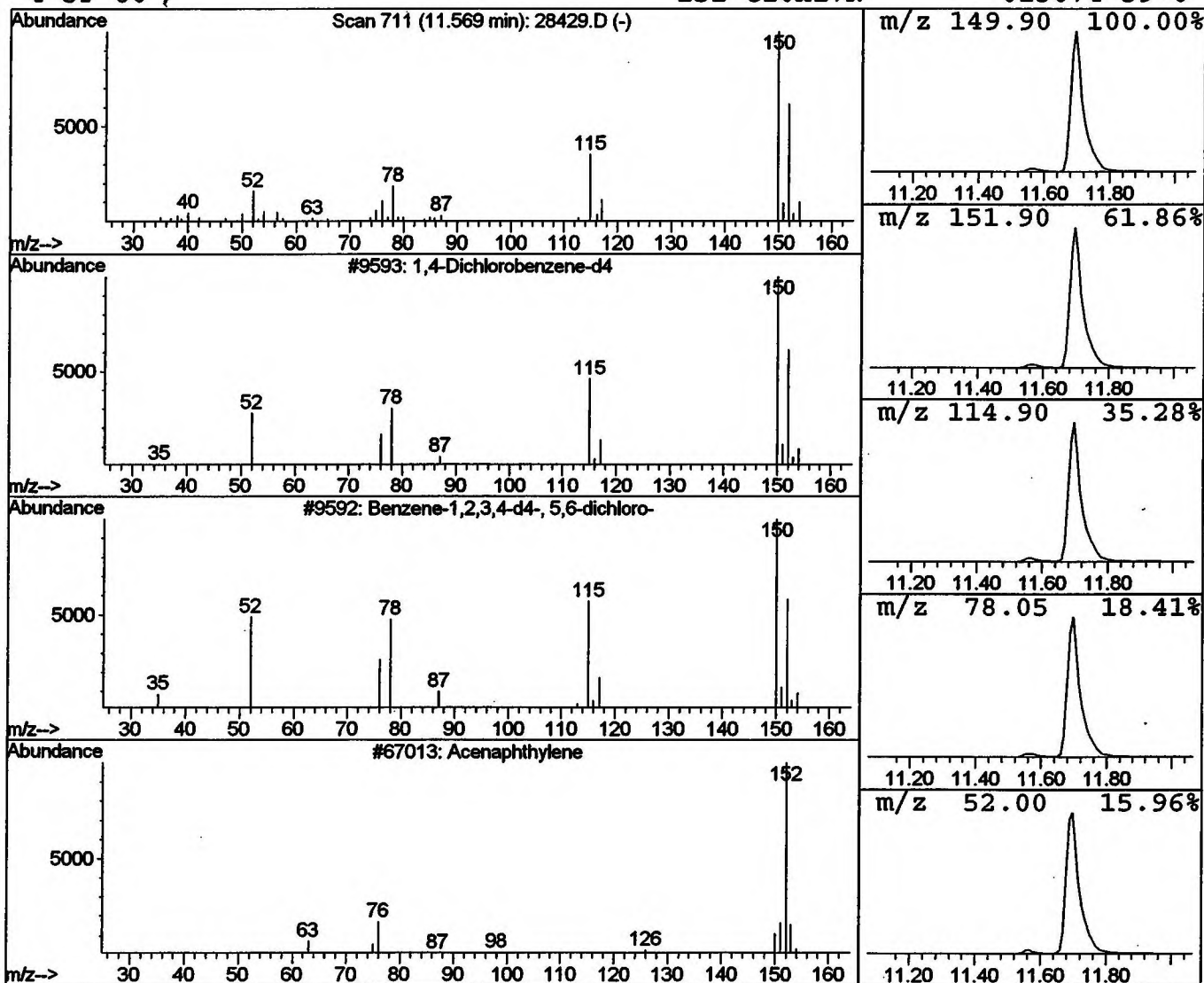
Data File : C:\HPCHEM\1\DATA\NOV2701\28429.D
Acq On : 28 Nov 2001 2:46 pm
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	0.51 ug/l	110300	1,4-Dichlorobenzene-d4	11.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	52
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	28
3	Acenaphthylene	152	C12H8	000208-96-8	10
4	JP 60	151	C10H17N	013074-39-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Nov 2001 2:46 pm
 Data File: C:\HPCHEM\1\DATA\NOV2701\28429.D
 Name: 11/21 scan
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1,4-Dichlorobenzene-	11.57	0.5	ug/l	110300	ISTD01	11.70	4351620	20.0
28429.D GCMS1126.M	Fri Nov 30 13:43:19 2001							