Comments for Sample AD26473 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-10-2001 Time: 11:59:03

A scan of the extract prepared for the 508 analysis, from 35 - 550 amu, reveals the presence of N,4-dimethylbenzenesulfonamide at an estimated level of 0.49 ug/L and with a fit of 83 out of 100. The Field Blank for this sample will be analyzed.

Collected 10/28/01 Newman

batch 102901

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:05:08

Sample: AD26473
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:00 Ended: 12/4/01 15:00 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

(QT Reviewed)

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26473.D Vial: 9
Acq On : 30 Nov 2001 7:30 pm Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 3 14:54 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) ,4-Dichlorobenzene-d4	11.89	152	1373269	20.00	ng/uL	-0.04
19) aphthalene-d8	15.50	136	5372001	20.00	ng/uL	-0.04
31) cenaphthene-d10	20.78	164	2435459	20.00	ng/uL	-0.04
49) henanthrene-d10	25.19	188	3477955	20.00	ng/uL	-0.05
59) hrysene-d12	33.19	240	2175560	20.00	ng/uL	-0.05
68) erylene-d12	37.27	264	1570956	20.00	ng/uL	-0.06
Syste Monitoring Compounds						
4) Fluorophenol	0.00	112	0	0.00	ng/uL	
Spid Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5) enol-d5	0.00	99	0	0.00	ng/uL	
Spi Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6) hlorophenol-d4	11.89	132	1129	0.01	ng/uL	0.47
Spi Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) -Dichlorobenzene-d4	12.41	152	14548	0.25	ng/uL	-0.05
Spi Amount 50.000	Range 26 - 73		Recovery =	0.50%#		
20) robenzene-d5	0.00	82	0	0.00	ng/uL	
Spi Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2uorobiphenyl	18.92	172	4775	0.03	ng/uL	0.09
SpikAmount 50.000	Range 42 - 78		Recovery =	0.06%#		
33) 26-Tribromophenol	0.00	330	0	0.00	ng/uL	
SpikAmount 75.000	Range 45 - 96		Recovery =	0.00%#		
62) Thenyl-d14	0.00	244	0	0.00	ng/uL	
Spikmount 50.000	Range 58 - 98		Recovery =	0.00%#		
Target pounds				Qvalue		
2) Pine	0.00	79	0	N.D.		
3) Nosodimethylamine	0.00	74	0	N.D.		
8) Ph	0.00	94	0	N.D.		
9) bi(Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-rophenol	0.00	128	0	N.D.		
11) 1,chlorobenzene	0.00	146	0	N.D.		
12) 1,chlorobenzene	0.00	146	0	N.D.		
13) 1,chlorobenzene	0.00	146	0	N.D.		
14) 2-lphenol	0.00	108	0	N.D.		
15) 2,ybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&ylphenol	0.00	108	0	N.D.		
17) N-sodi-n-propylamine	0.00	70	0	N.D.		
18) Hexroethane	0.00	117	0	N.D.		
21) Nitzene	0.00	77	0	N.D.		
22) Isone	0.00	82	0	N.D.		

#) = qur out of range (m) = manual integration
6473.D 701.M Tue Dec 04 08:24:00 2001

e 2

Quantitation Report

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Quant Time: Dec 3 14:54 2001

Vial: 9
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: NP112701.RES

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Title : 208 625/TCLP calibration table
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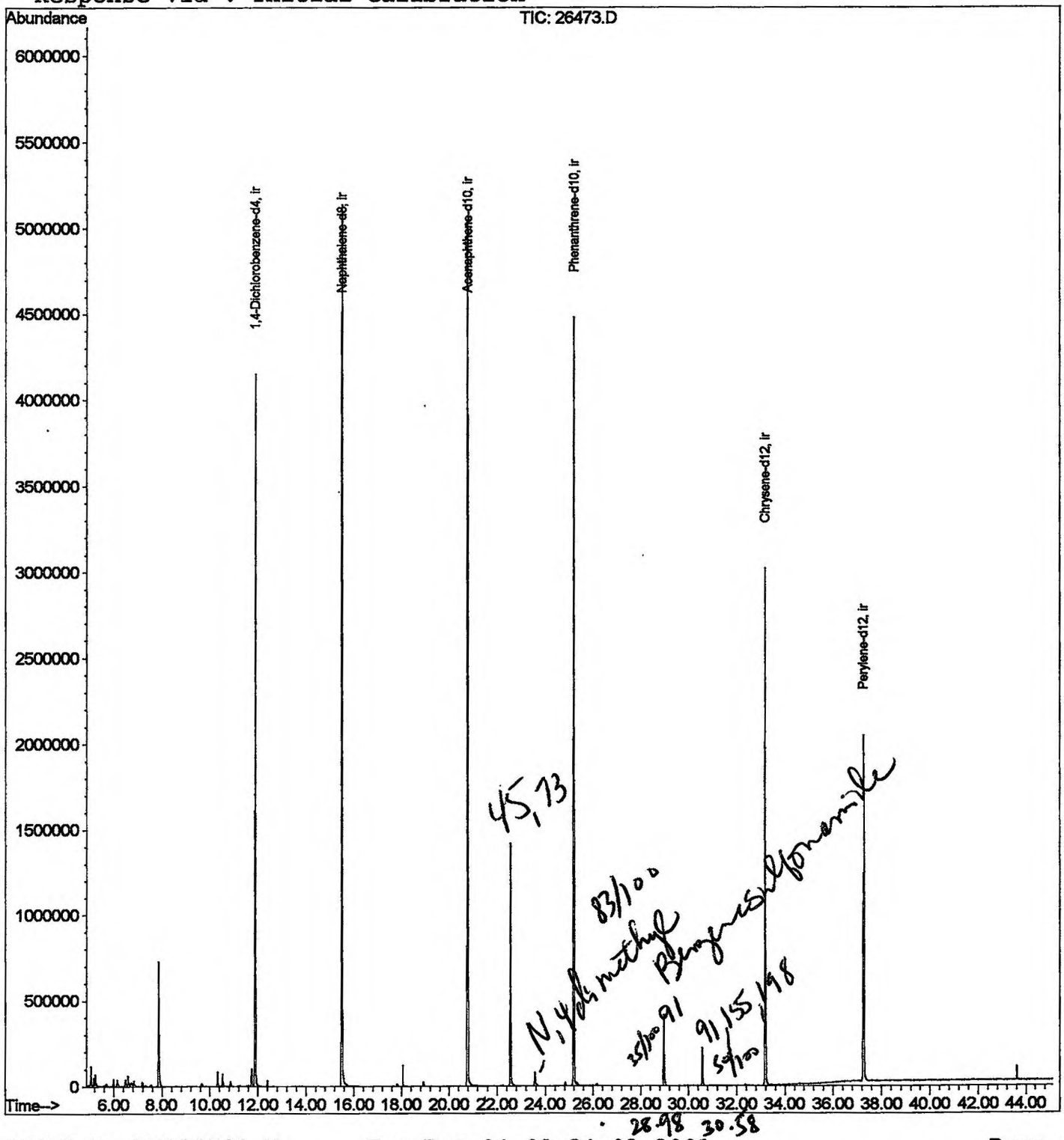


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26473.D Vial: 9
Acq On : 30 Nov 2001 7:30 pm Operator: GALOS
Sample : gc/ms unknown 11/3 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

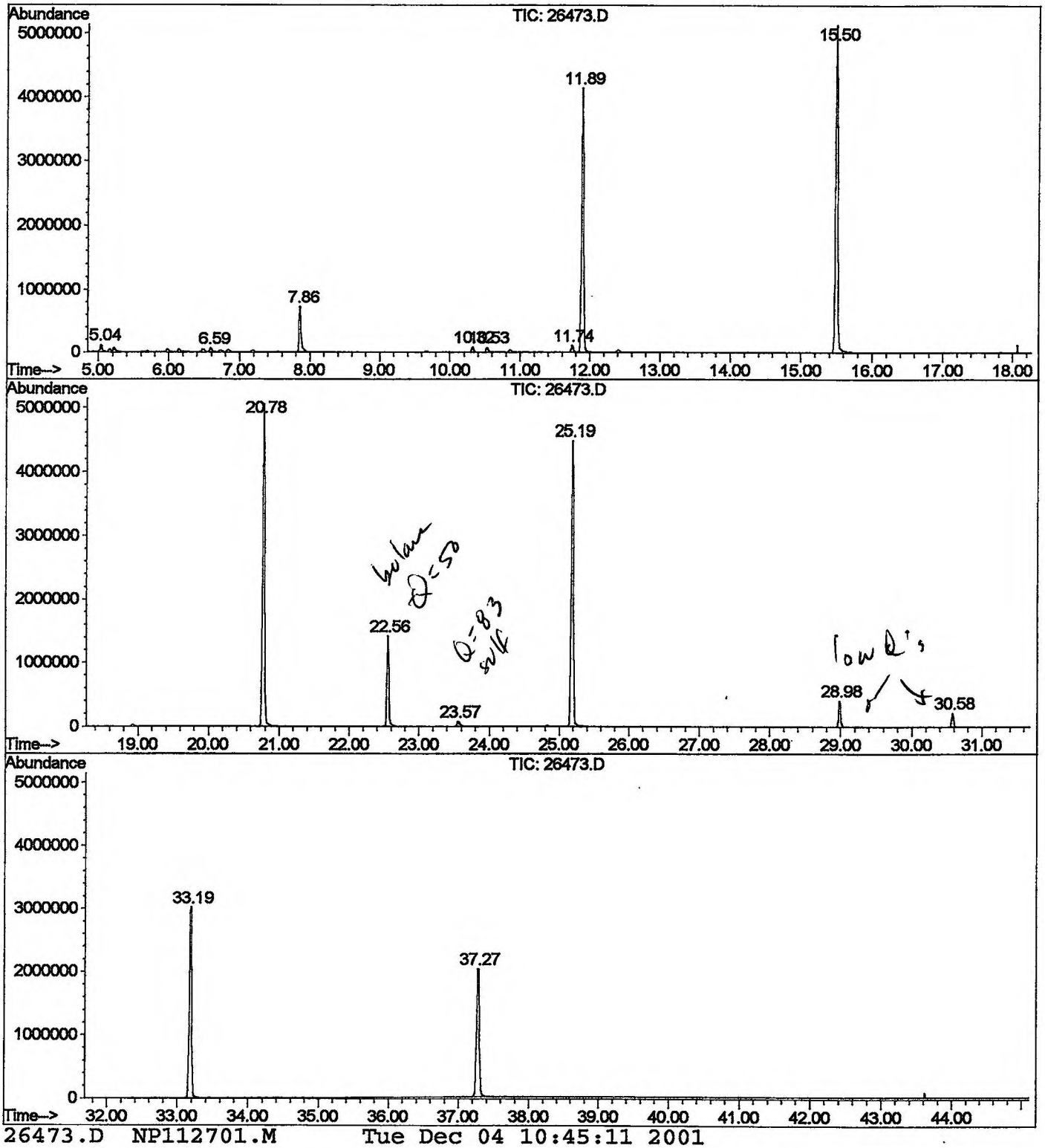
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.041	15	22	32	rVB	111106	210151	1.96%	0.363%
2	6.591	187	191	202	rVV	60258	132386	1.23%	0.229%
3	7.857	325	329	344	rVB	726539	1454376	13.53%	2.514%
4	10.323	592	598	605	rBV	84659	158773	1.48%	0.274%
5	10.534	617	621	628	rVB	72469	136589	1.27%	0.236%
6	11.745	748	753	760	rBV	102577	207860	1.93%	0.359%
7	11.892	763	769	781	rVB	4145808	8348555	77.69%	14.432%
8	15.505	1156	1163	1180	rBV	5136117	10745620	100.00%	18.576%
9	20.777	1731	1738	1757	rBV	5047588	10443283	97.19%	18.054%
10	22.556	1927	1932	1945	rBV	1417896	2558528	23.81%	4.423%
11	23.565	2036	2042	2059	rBV	78653	229923	2.14%	0.397%
12	25.188	2213	2219	2231	rBV2	4475591	9435677	87.81%	16.312%
13	28.985	2628	2633	2645	rVB	408645	799598	7.44%	1.382%
14	30.580	2802	2807	2818	rBV	215041	427963	3.98%	0.740%
15	33.194	3084	3092	3105	rBV2	3017740	6926177	64.46%	11.974%
16	37.274	3530	3537	3549	rBV2	2020022	5630138	52.39%	9.733%

Sum of corrected areas: 57845597

26473.D NP112701.M Tue Dec 04 10:45:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26473.D
Operator : GALOS
Acquired : 30 Nov 2001 7:30 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 9
Quant File :NP112701.RES (RTE Integrator)



26473.D NP112701.M Tue Dec 04 10:45:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26473.D
Acq On : 30 Nov 2001 7:30 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

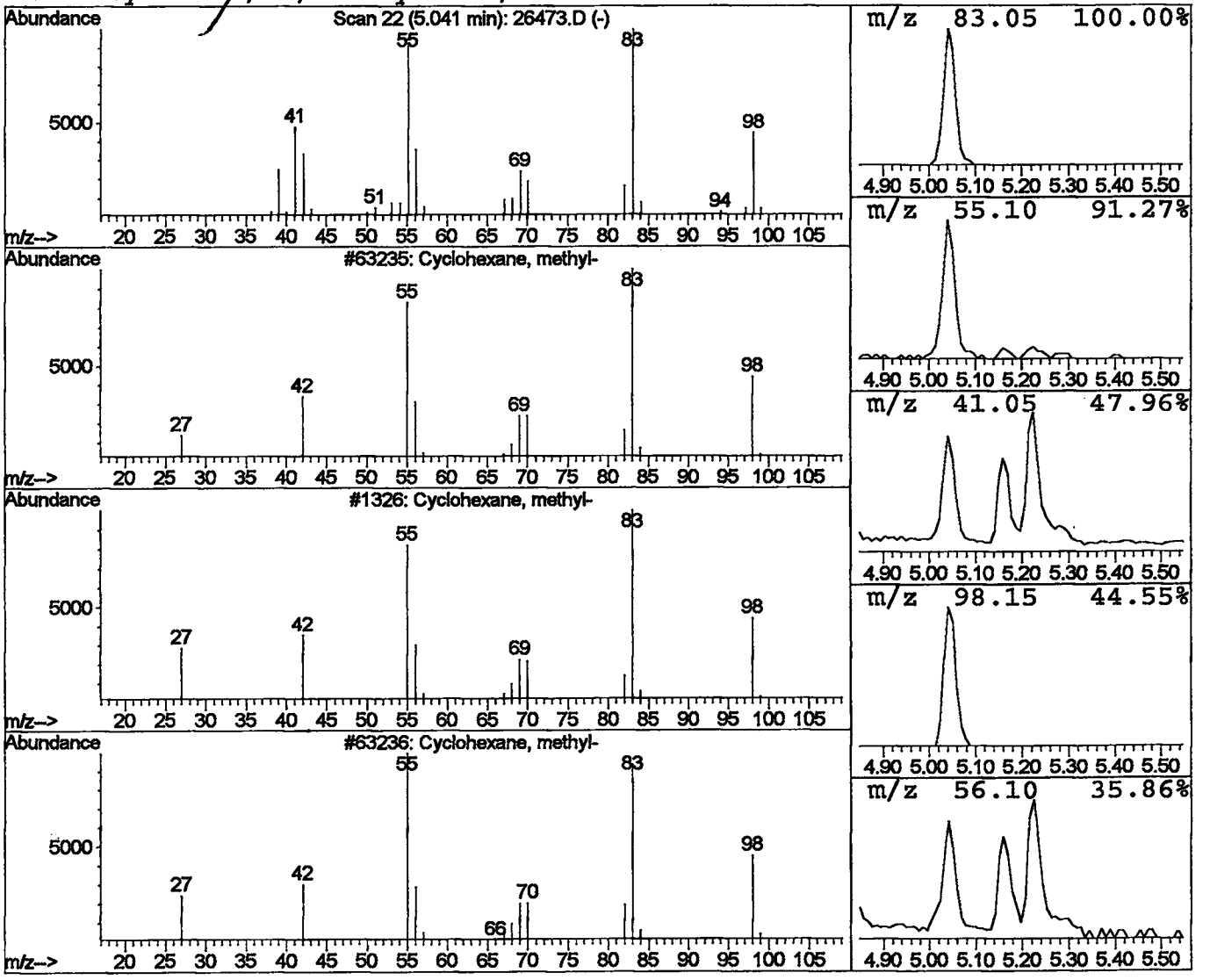
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.50 ng/uL	210151	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
4	1H-Pyrazole, 4,5-dihydro-4,5-dimeth	98	C5H10N2	028019-94-5	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26473.D
Acq On : 30 Nov 2001 7:30 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
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

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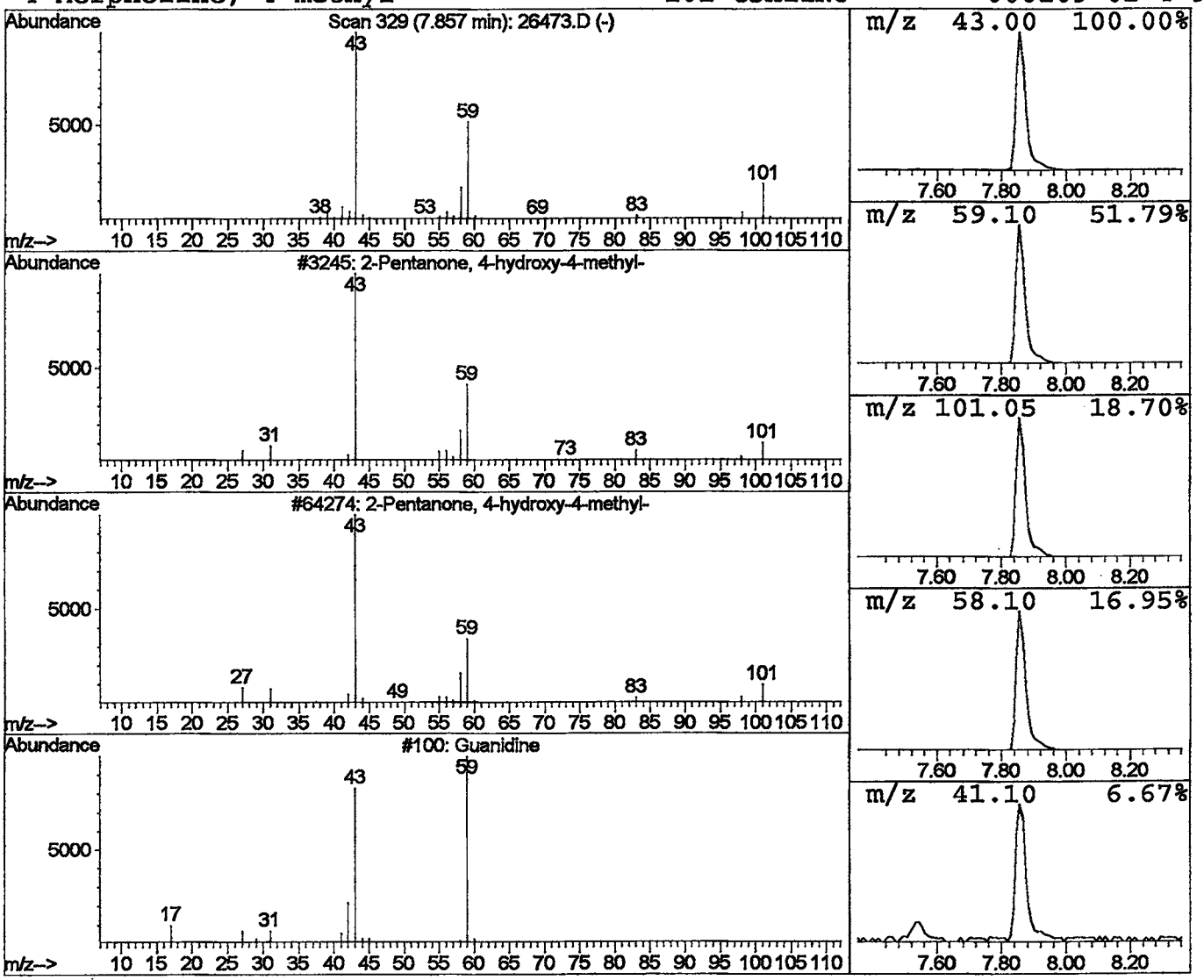
Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.48 ng/uL	1454380	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	Guanidine	59	CH5N3	000113-00-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

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Acq On : 30 Nov 2001 7:30 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
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
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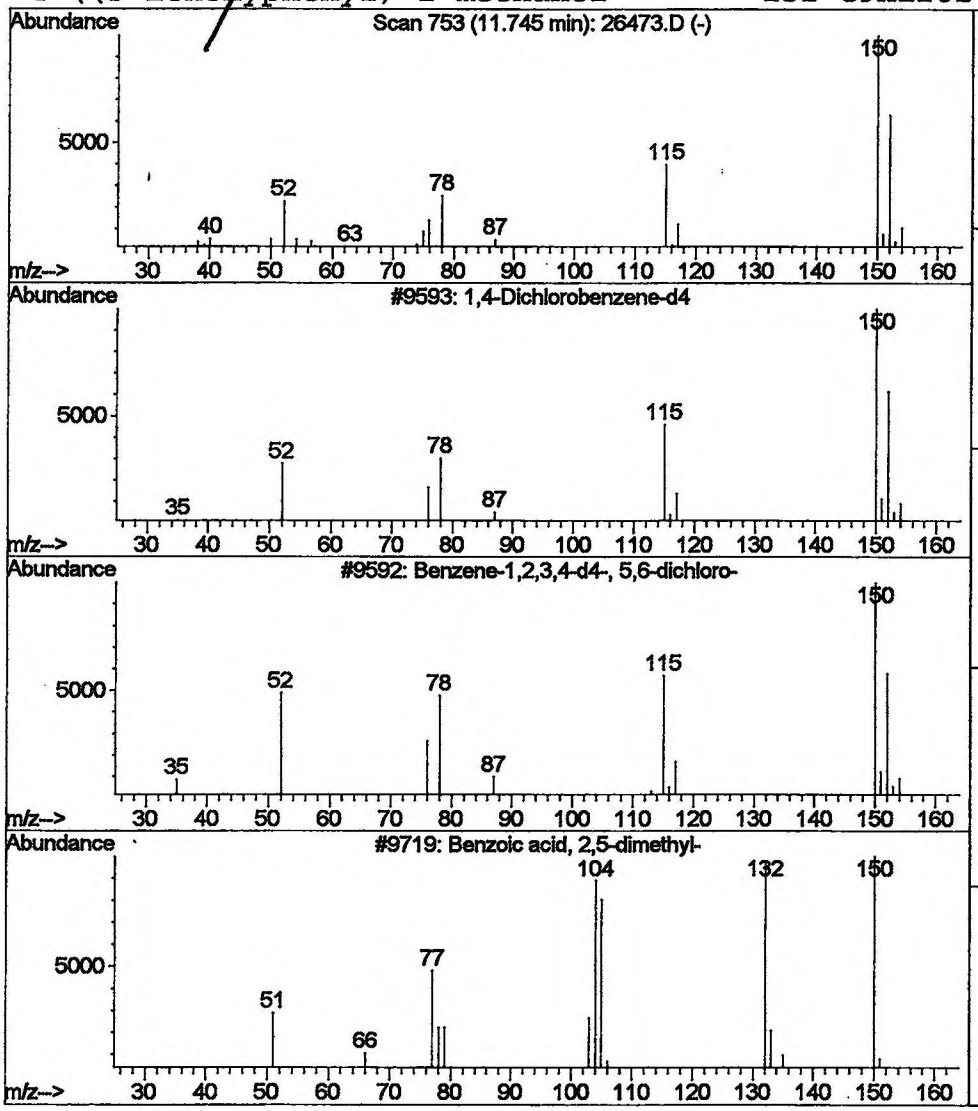
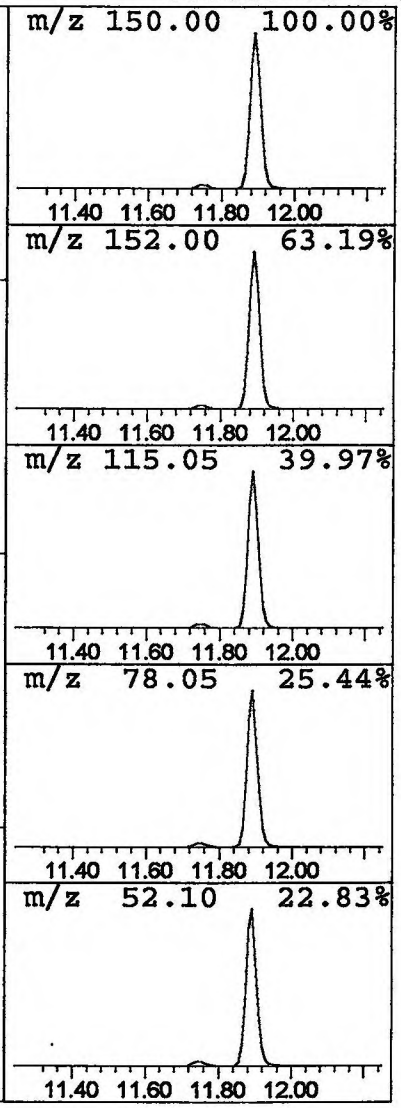
Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	0.50 ng/uL	207860	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	96
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	42
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	9
4	((3-Ethoxyphenyl)-1-methanol	152	C9H12O2	000000-00-0	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26473.D Vial: 9
Acq On : 30 Nov 2001 7:30 pm Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

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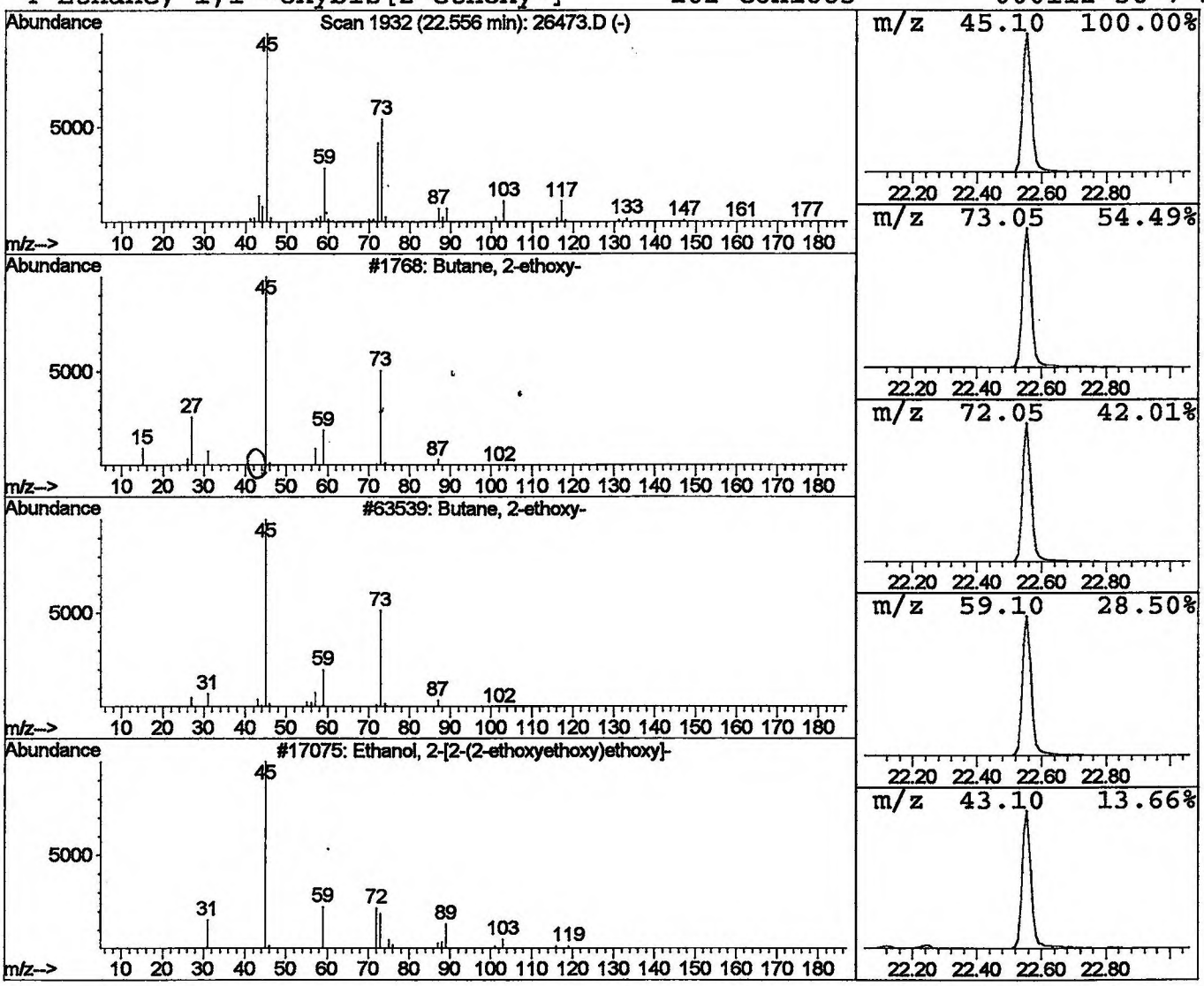
Peak Number 4 Butane, 2-ethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	4.90 ng/uL	2558530	Acenaphthene-d10	20.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	50
2	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	47
3	Ethanol, 2-[2-(2-ethoxyethoxy)ethox	178	C8H18O4	000112-50-5	39
4	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	38



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Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 9
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

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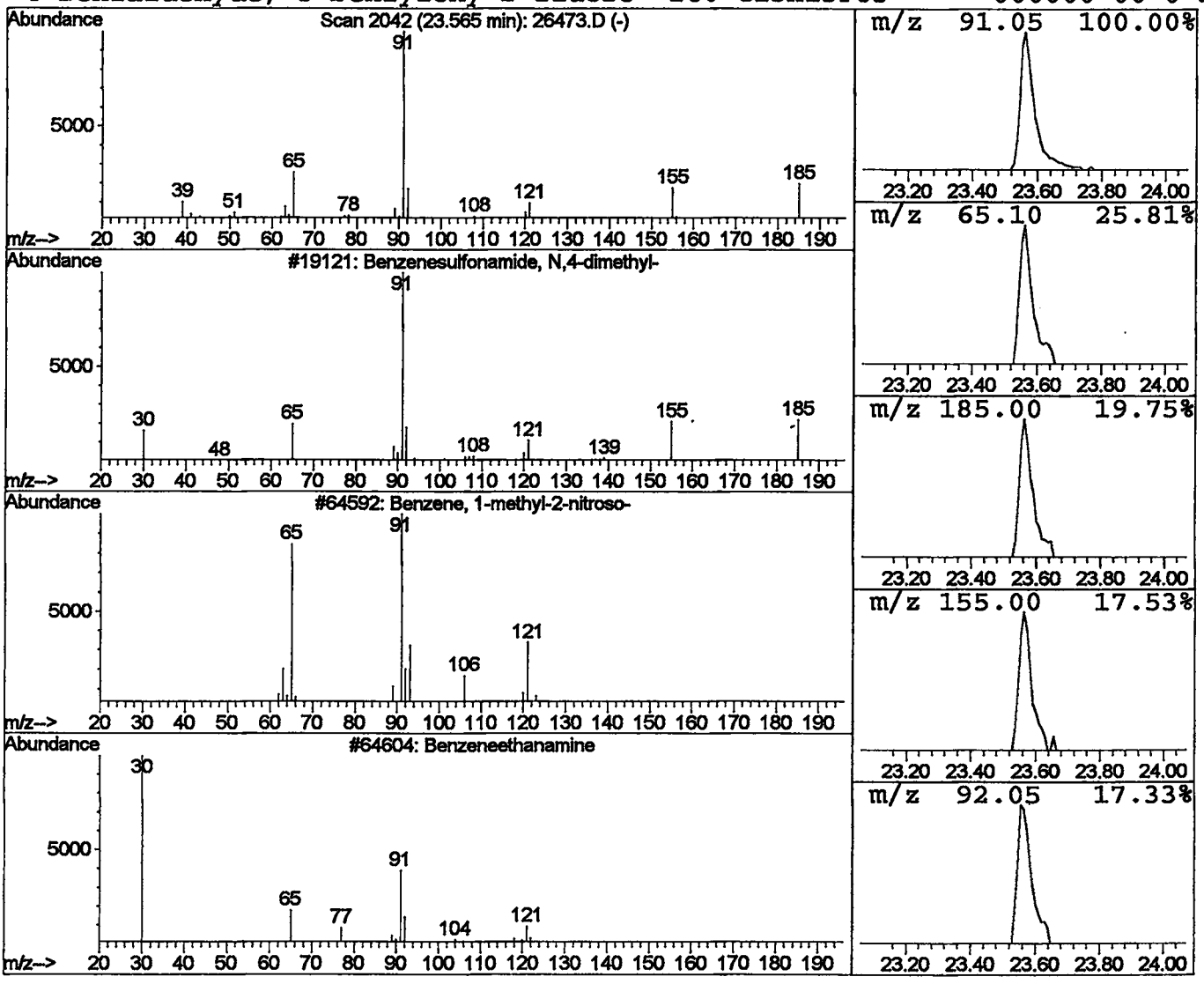
Peak Number 5 Benzenesulfonamide, N,4-dimeth Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	0.49 ng/uL	229923	Phenanthrene-d10	25.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	83
2	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	38
3	Benzeneethanamine	121	C8H11N	000064-04-0	37
4	Benzaldehyde, 3-benzyloxy-2-fluoro-	260	C15H13FO3	000000-00-0	32



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Vial: 9
Operator: GALOS
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Multiplr: 1.00

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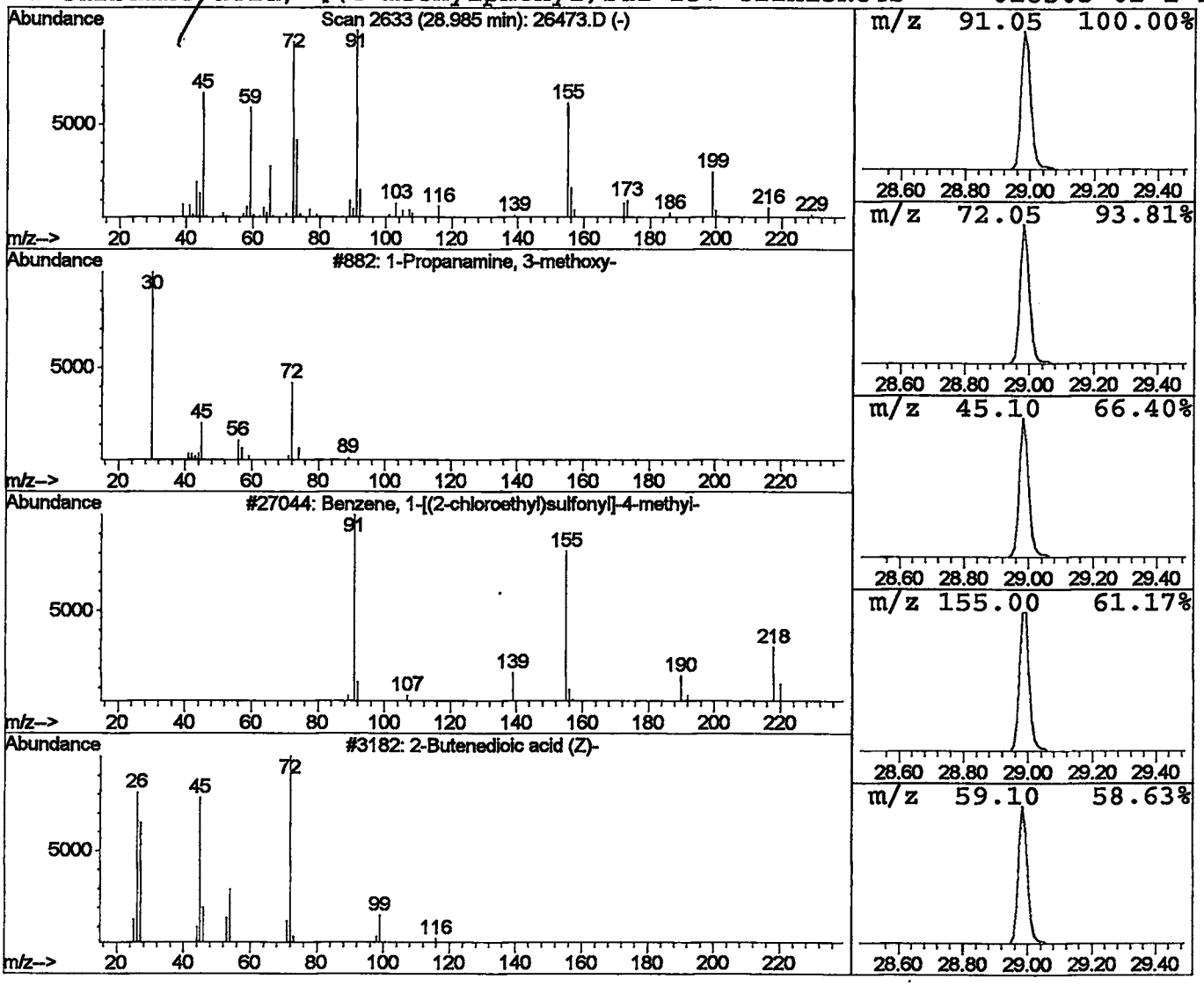
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1-Propanamine, 3-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.98	1.69 ng/uL	799598	Phenanthrene-d10	25.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 3-methoxy-	89	C4H11NO	005332-73-0	35
2	Benzene, 1-[(2-chloroethyl)sulfonyl	218	C9H11ClO2S	022381-53-9	25
3	2-Butenedioic acid (Z)-	116	C4H4O4	000110-16-7	25
4	Carbamic acid, [(4-methylphenyl)sul	257	C11H15NO4S	018303-02-1	16



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Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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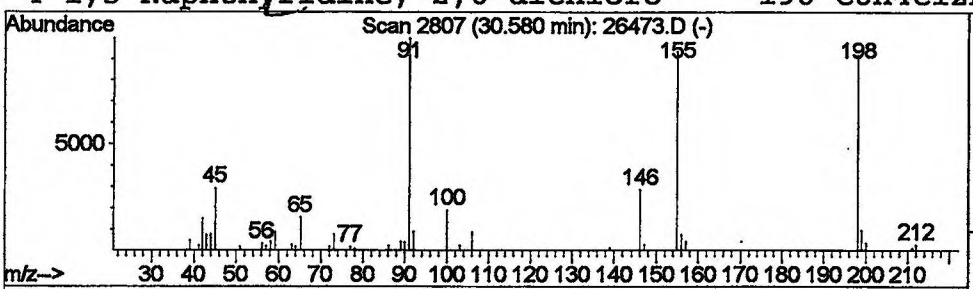
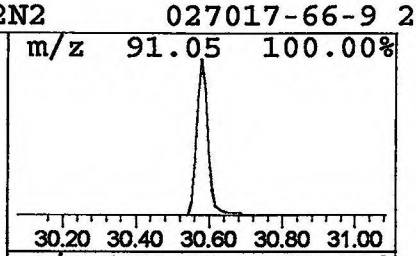
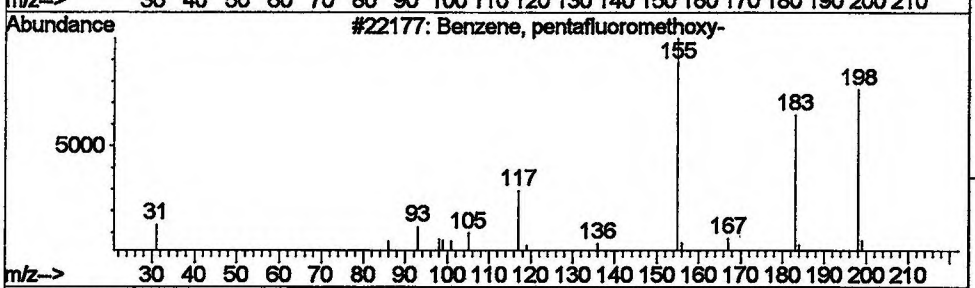
Peak Number 7 Benzene, pentafluoromethoxy- Concentration Rank 4

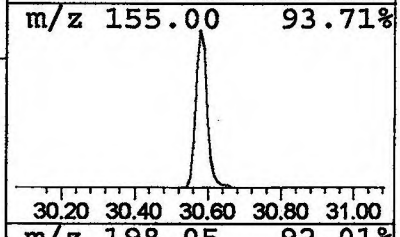
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.58	1.24 ng/uL	427963	Chrysene-d12	33.19

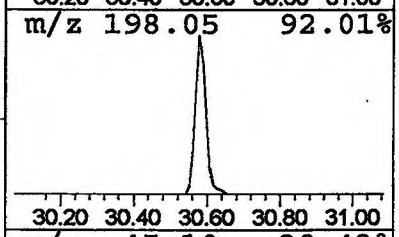
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentafluoromethoxy-	198	C7H3F5O	000389-40-2	50
2	Benzene, pentafluoromethoxy-	198	C7H3F5O	000389-40-2	36
3	2-Phenyl-4-(cyanomethyl)-5-methyl-1	198	C11H10N4	013322-20-8	35
4	1,5-Naphthyridine, 2,6-dichloro-	198	C8H4Cl2N2	027017-66-9	25

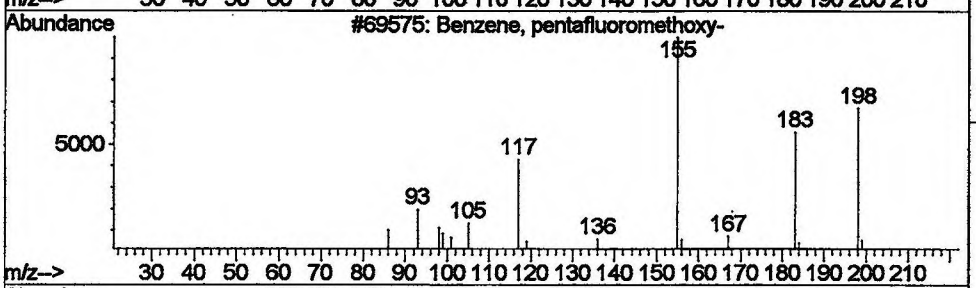


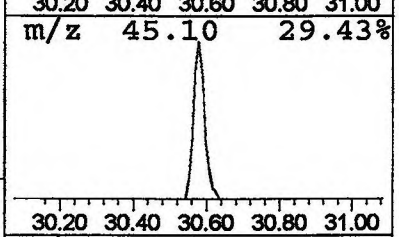


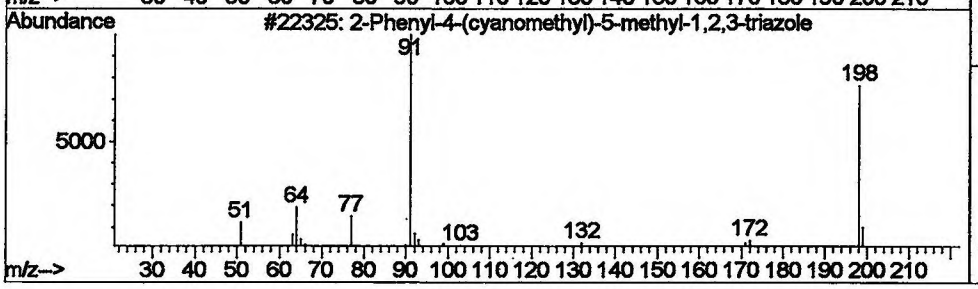


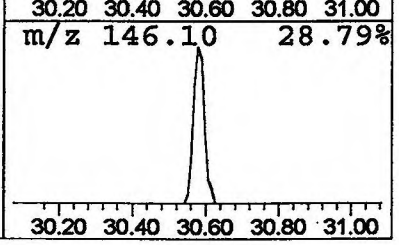












Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 30 Nov 2001 7:30 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26473.D
Name: gc/ms unknown 11/3
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
Cyclohexane, methyl-	5.04	0.5	ng/uL	210151	ISTD01	11.89	8348560	20.0
2-Pentanone, 4-hydro	7.86	3.5	ng/uL	1454380	ISTD01	11.89	8348560	20.0
1,4-Dichlorobenzene-	11.74	0.5	ng/uL	207860	ISTD01	11.89	8348560	20.0
Butane, 2-ethoxy-	22.56	4.9	ng/uL	2558530	ISTD03	20.78	10443300	20.0
Benzenesulfonamide,	23.57	0.5	ng/uL	229923	ISTD04	25.19	9435680	20.0
1-Propanamine, 3-met	28.98	1.7	ng/uL	799598	ISTD04	25.19	9435680	20.0
Benzene, pentafluoro	30.58	1.2	ng/uL	427963	ISTD05	33.19	6926180	20.0

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