Comments for Sample AD26203 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-10-2001 Time: 11:10:47

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.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 11:10:50

Sample: AD26203
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/5/01 15:13 Ended: 12/5/01 15:13 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D Vial: 26
Acq On : 1 Dec 2001 10:56 am Operator: GALOS
Sample : gc/ms unknown 11/3 reext Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:18 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	11.89	152	987988	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	3706482	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1667146	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2256111	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1256780	20.00	ng/uL	-0.07
68) Perylene-d12	37.27	264	840199	20.00	ng/uL	-0.07
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	11.89	132	282	0.00	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.00%#		
7) 1,2-Dichlorobenzene-d4	12.28	152	286	0.01	ng/uL	-0.18
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.93	172	1418	0.01	ng/uL	0.10
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.02%#		
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.
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.

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

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Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	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)	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	0.00	178	0	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.18	149	2732	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
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	33.18	228	2505	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	4682	N.D.	
67)	Chrysene	33.18	228	2505	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

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Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : NP112701

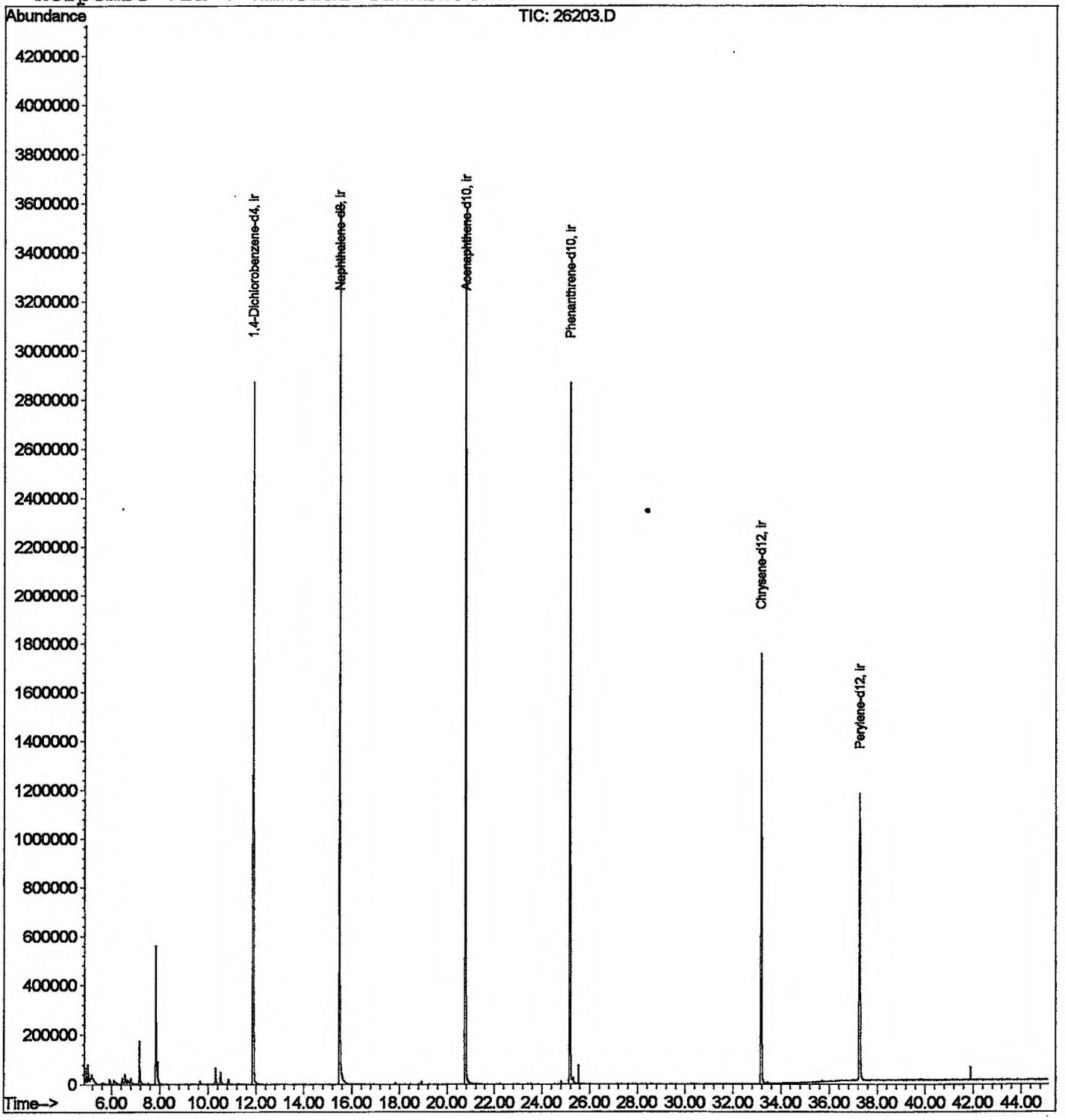
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.27	252	2473	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
26203.D NP112701.M Tue Dec 04 14:18:17 2001 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D Vial: 26
Acq On : 1 Dec 2001 10:56 am Operator: GALOS
Sample : gc/ms unknown 11/3 reext Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:18 2001 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D Vial: 26
Acq On : 1 Dec 2001 10:56 am Operator: GALOS
Sample : gc/ms unknown 11/3 reext 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	4.937	5	10	15	rBV	58409	106972	1.45%	0.295%
2	5.010	15	18	23	rBV	68334	121906	1.65%	0.337%
3	5.166	32	35	49	rVB3	31187	123186	1.67%	0.340%
4	6.560	184	187	198	rVV	37004	88572	1.20%	0.245%
5	7.165	249	253	266	rBV	172656	340726	4.61%	0.941%
6	7.844	323	327	336	rBV	560528	1177510	15.92%	3.251%
7	7.935	336	337	346	rVB	88933	76484	1.03%	0.211%
8	10.320	593	597	604	rBV	66416	129940	1.76%	0.359%
9	10.531	616	620	629	rBV	51959	107263	1.45%	0.296%
10	11.888	762	768	786	rBV	2870485	6030221	81.51%	16.651%
11	15.501	1156	1162	1180	rBV	3603659	7398350	100.00%	20.429%
12	20.774	1731	1737	1754	rBV	3540524	7202340	97.35%	19.888%
13	25.184	2211	2218	2229	rBV2	2867045	6241998	84.37%	17.236%
14	33.181	3084	3090	3106	rBV2	1753385	3990164	53.93%	11.018%
15	37.271	3529	3536	3550	rBV	1165031	3079180	41.62%	8.503%

Sum of corrected areas: 36214812

26203.D NP112701.M Tue Dec 04 15:05:55 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D
Acq On : 1 Dec 2001 10:56 am
Sample : gc/ms unknown 11/3 reext
Misc :
MS Integration Params: LSCINT.P

Vial: 26
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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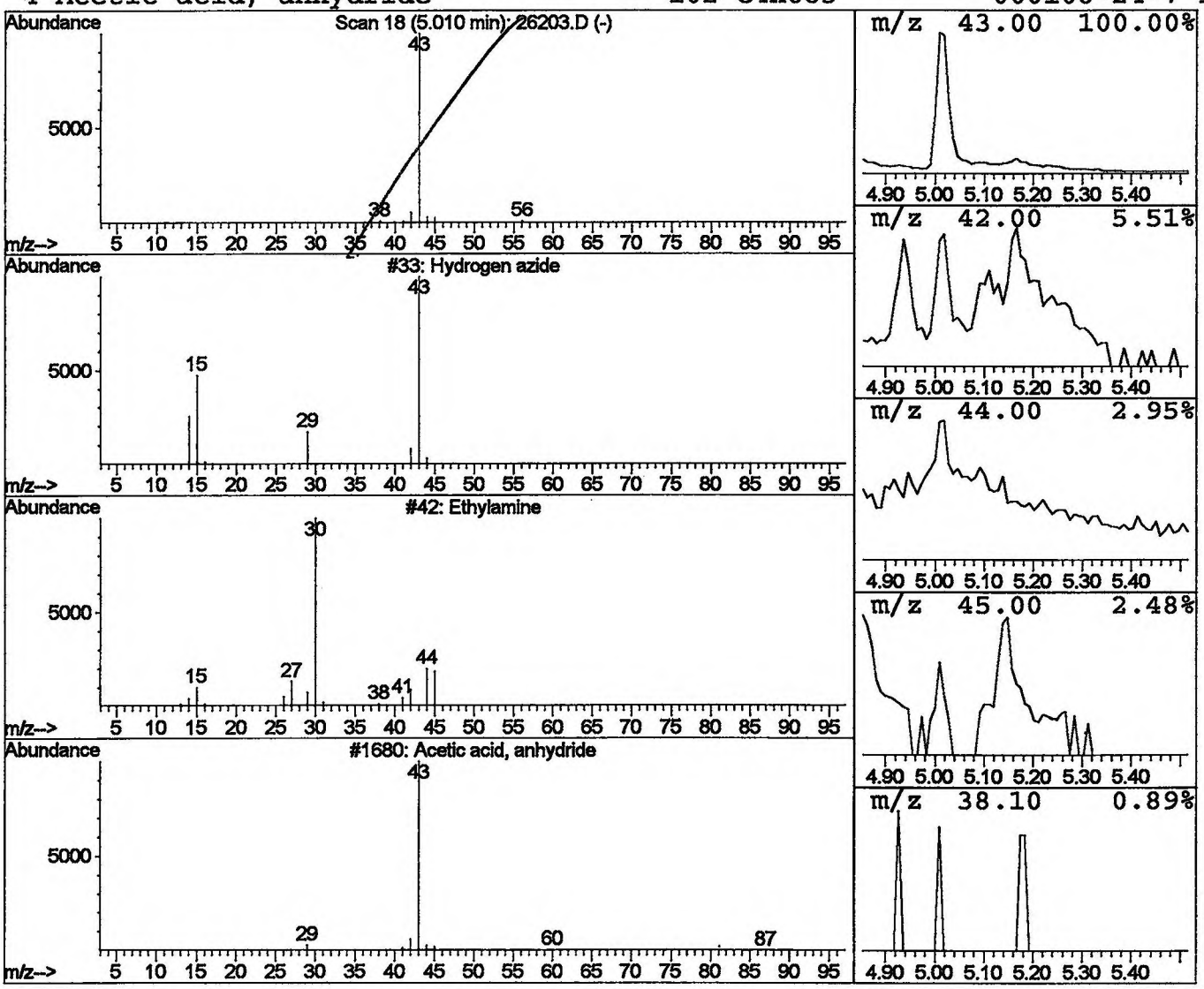
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hydrogen azide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.40 ng/uL	121906	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	4
2	Ethylamine	45	C2H7N	000075-04-7	2
3	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
4	Acetic acid, anhydride	102	C4H6O3	000108-24-7	1



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D
Acq On : 1 Dec 2001 10:56 am
Sample : gc/ms unknown 11/3 reext
Misc :
MS Integration Params: LSCINT.P

Vial: 26
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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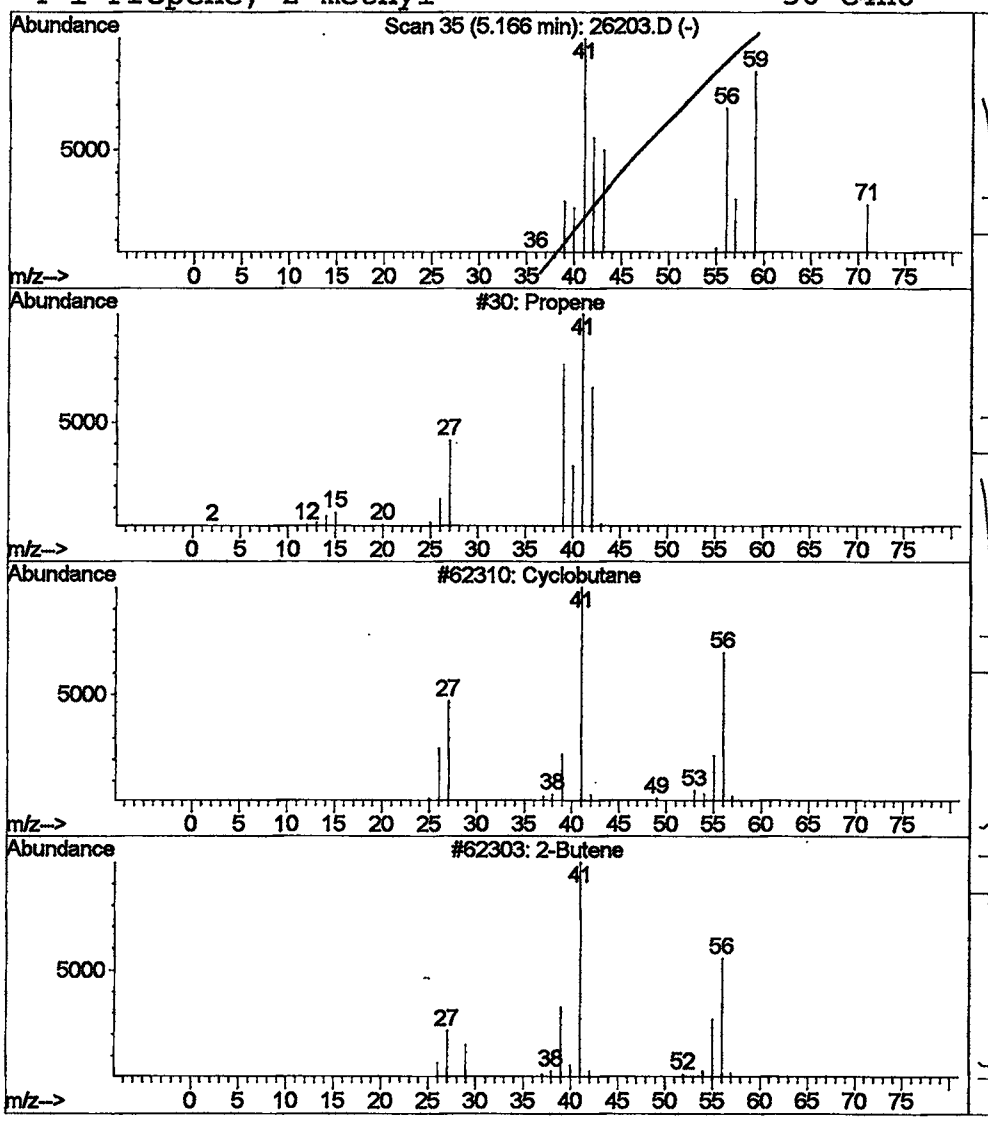
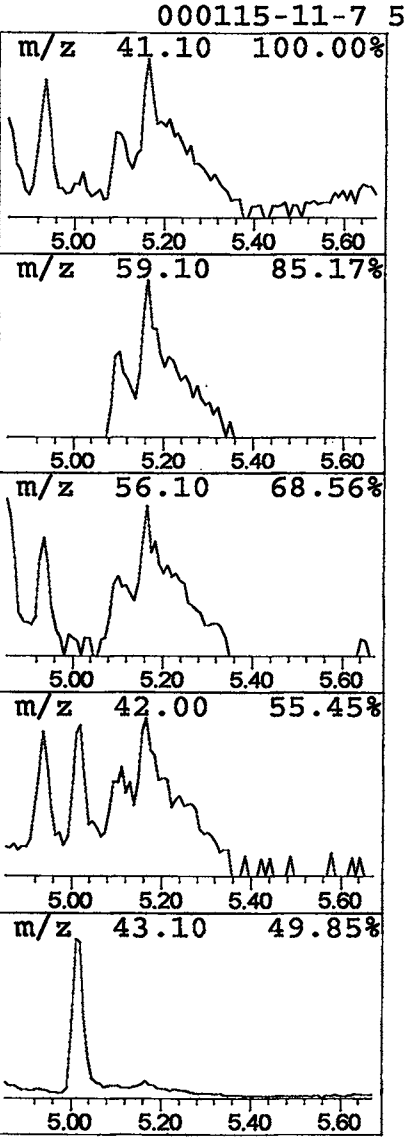
Peak Number 2 Propene — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	0.41 ng/uL	123186	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	7
2	Cyclobutane	56	C4H8	000287-23-0	5
3	2-Butene	56	C4H8	000107-01-7	5
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	5





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Data File : C:\HPCHEM\1\DATA\NOV3001\26203.D
Acq On : 1 Dec 2001 10:56 am
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Misc :
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Vial: 26
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Multiplr: 1.00

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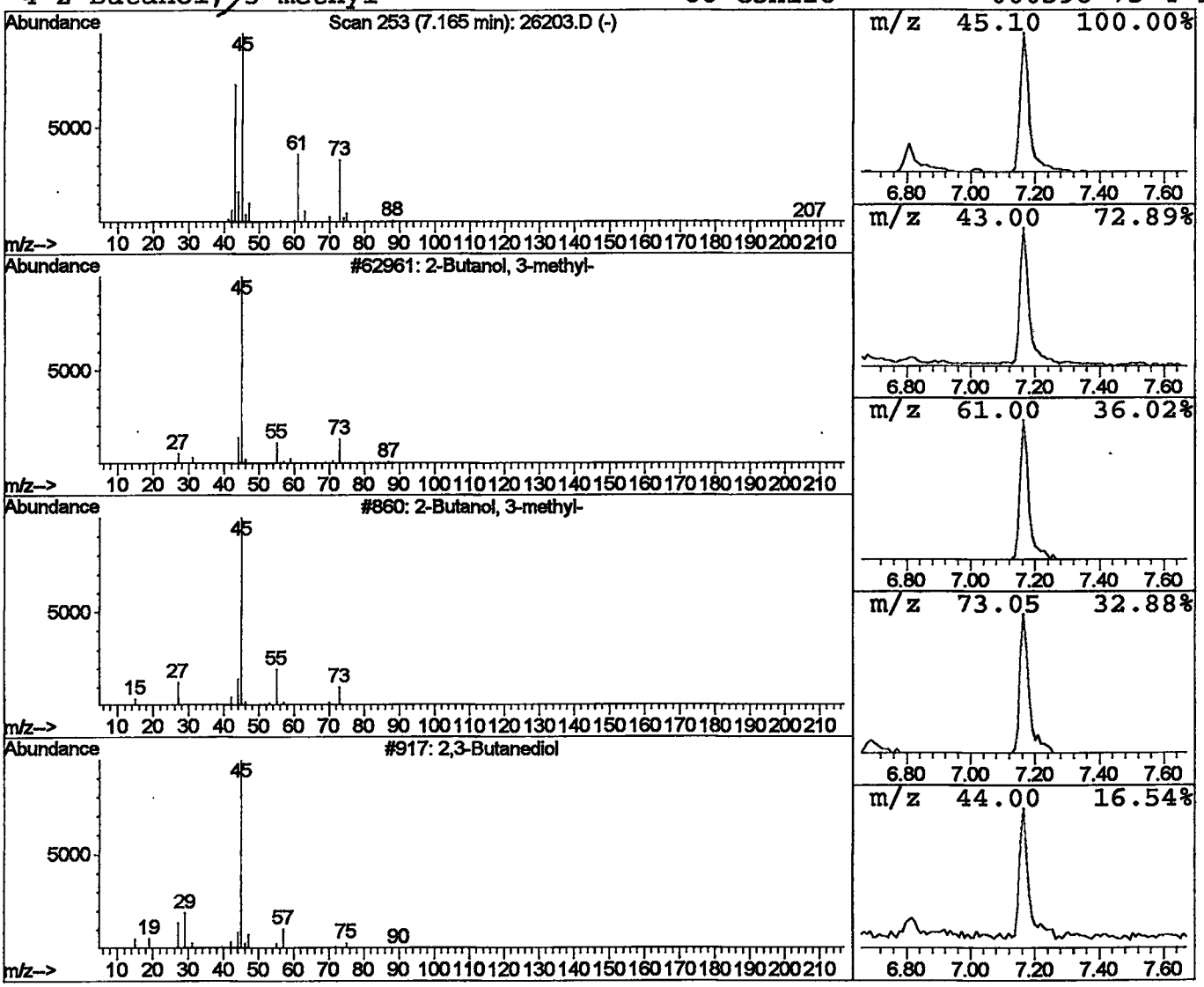
****

Peak Number 3 2-Butanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	1.13 ng/uL	340726	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	40
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	33
3	2,3-Butanediol	90	C4H10O2	000513-85-9	33
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



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Vial: 26
Operator: GALOS
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Multiplr: 1.00

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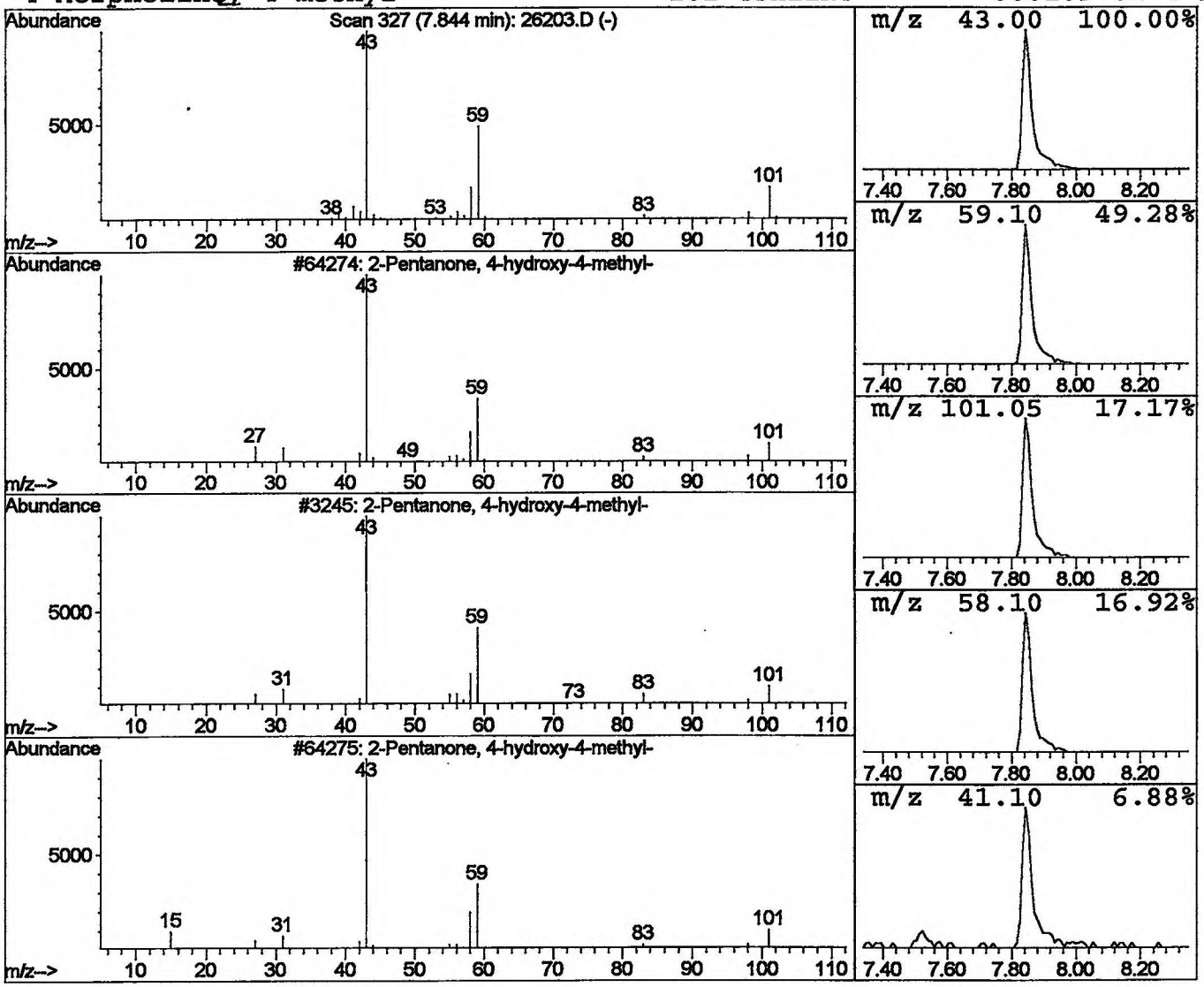
Peak Number 4 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.91 ng/uL	1177510	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	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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Multiplr: 1.00

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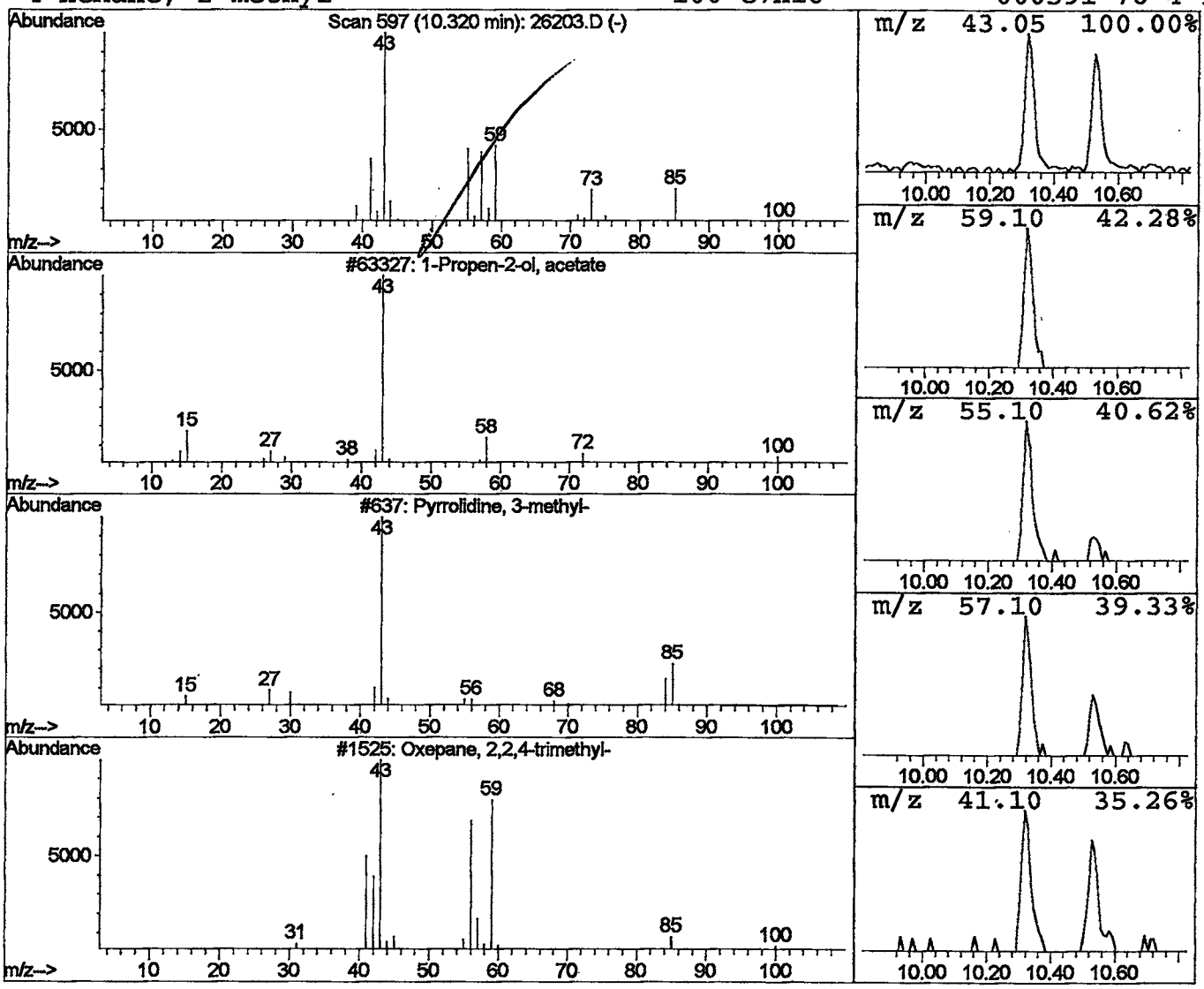
Peak Number 5 1-Propen-2-ol, acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.43 ng/uL	129940	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
2	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9
3	Oxepane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	9
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 10:56 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26203.D
Name: gc/ms unknown 11/3 reext
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
Hydrogen azide	5.01	0.4	ng/uL	121906	ISTD01	11.89	6030220	20.0
Propene	5.17	0.4	ng/uL	123186	ISTD01	11.89	6030220	20.0
2-Butanol, 3-methyl-	7.17	1.1	ng/uL	340726	ISTD01	11.89	6030220	20.0
2-Pentanone, 4-hydro	7.84	3.9	ng/uL	1177510	ISTD01	11.89	6030220	20.0
1-Propen-2-ol, aceta	10.32	0.4	ng/uL	129940	ISTD01	11.89	6030220	20.0

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