User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:40:53

Sample: AE11795
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 15:40 Ended: 5/30/02 15:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE11795 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-30-2002 Time: 15:41:20

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11795.D Vial: 36
Acq On : 23 May 2002 1:04 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:26 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	388928	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1520768	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	728718	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	980007	40.00	ug/l	-0.02
38) Chrysene-d12	33.57	240	574929	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	352834	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	125661	34.31	ug/L	0.00
Spiked Amount 40.000			Recovery = 85.78%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.49	74	261	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.83	128	522	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.57	149	264	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	499	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	235	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	450	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11795.D Vial: 36
Acq On : 23 May 2002 1:04 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:26 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

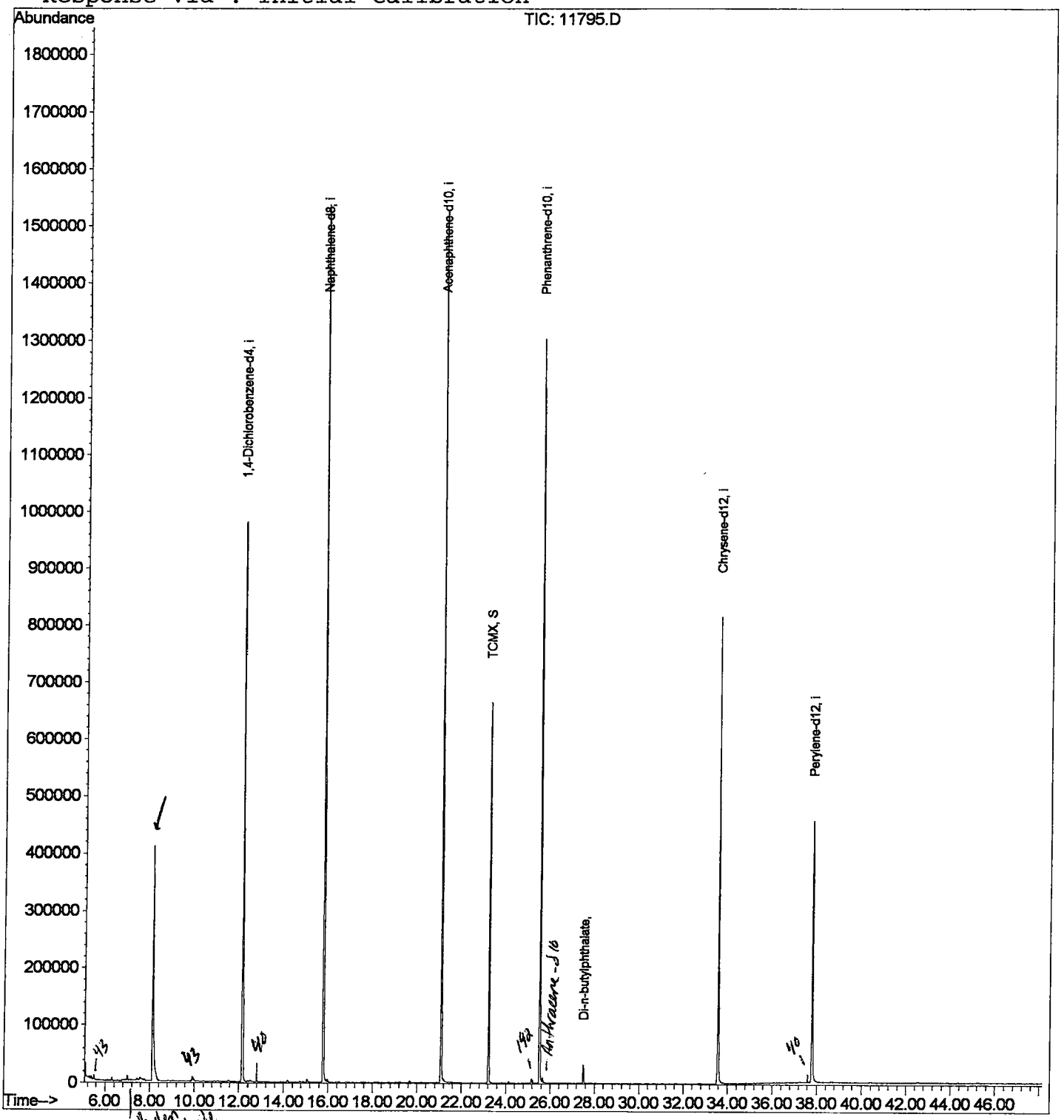
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	450	N.D.	
36)	Di-n-butylphthalate	27.50	149	33501	1.04 ug/l #	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1335	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	839	N.D.	
43)	Chrysene	33.58	228	1335	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.79	252	1405	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11795.D Vial: 36
Acq On : 23 May 2002 1:04 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:26 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11795.D Vial: 36
Acq On : 23 May 2002 1:04 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/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

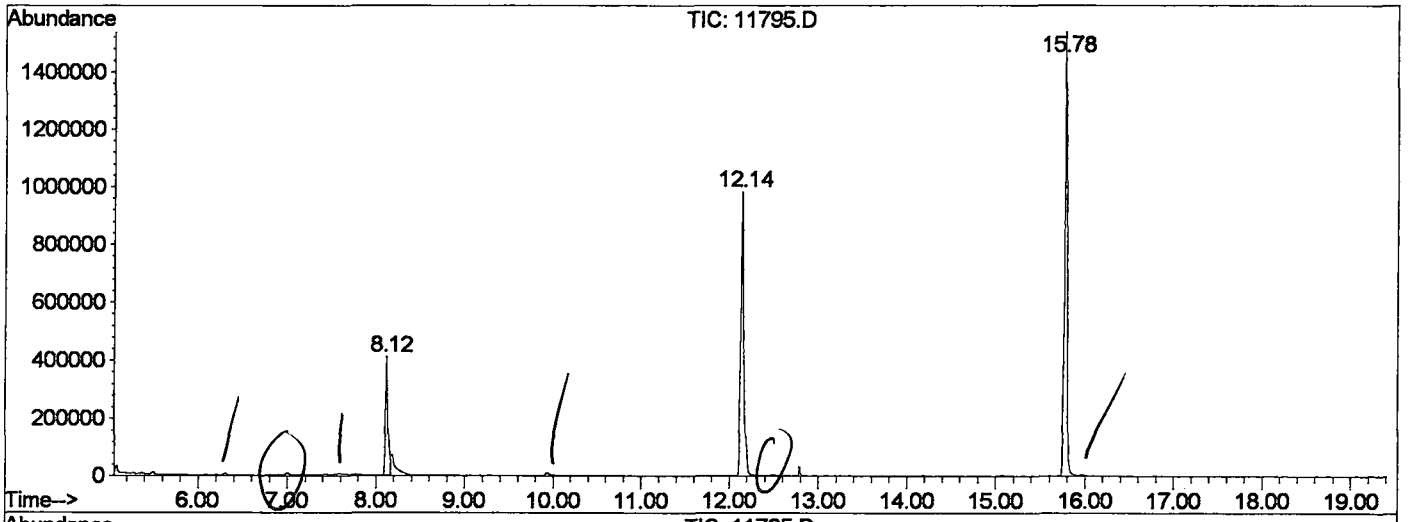
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.116	331	335	340	rBV	408863	810562	26.14%	4.836%
2	12.138	769	774	789	rBV	980924	2369145	76.39%	14.136%
3	15.776	1165	1171	1187	rBV	1536502	3088791	99.60%	18.430%
4	21.082	1744	1750	1762	rBV	1510006	3101250	100.00%	18.504%
5	23.226	1976	1984	1989	rBV	663714	1348567	43.48%	8.047%
6	25.517	2228	2234	2246	rBV2	1302180	2779195	89.62%	16.583%
7	27.497	2444	2450	2461	rVB	31848	61811	1.99%	0.369%
8	33.572	3107	3113	3126	rBV2	814508	1868047	60.24%	11.146%
9	37.787	3565	3573	3590	rBV2	454497	1332156	42.96%	7.949%

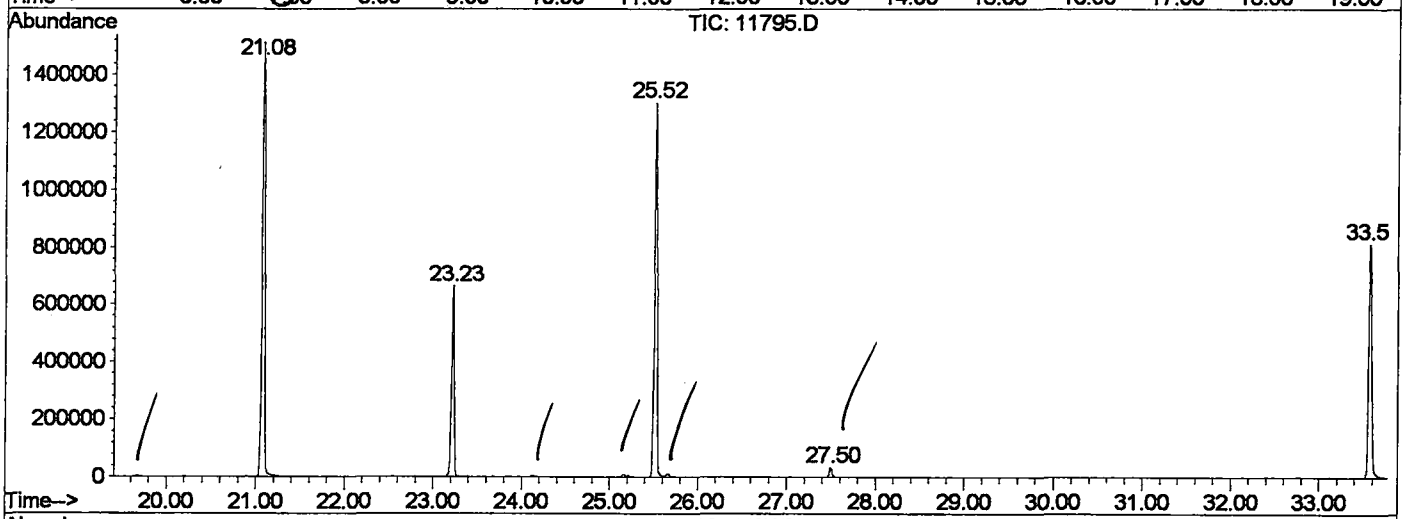
Sum of corrected areas: 16759524

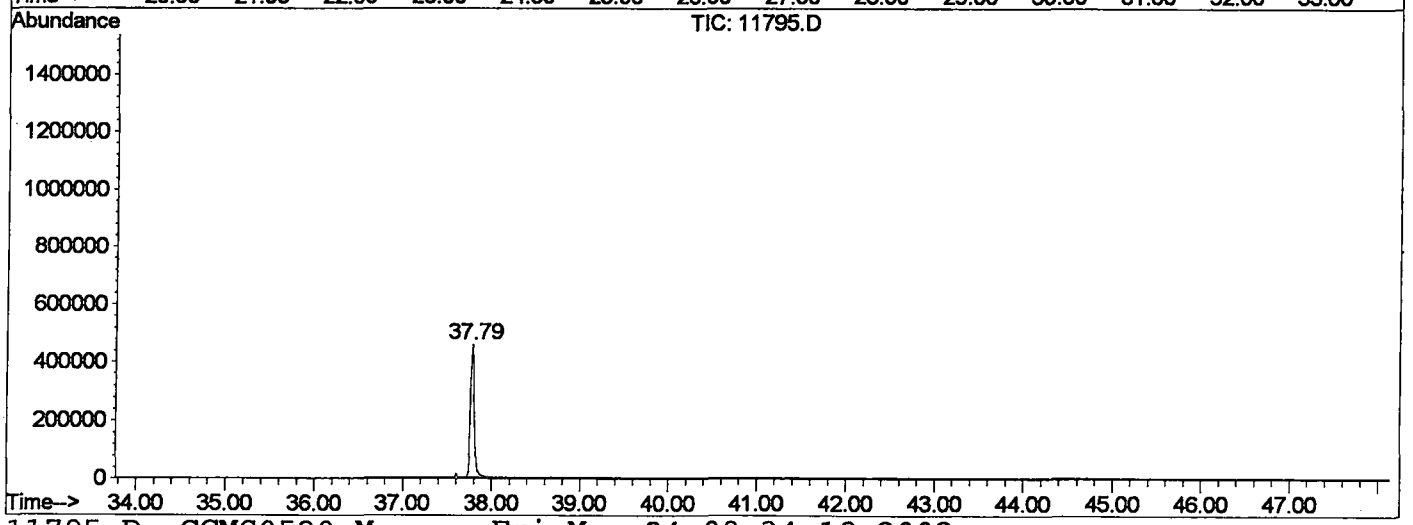
11795.D GCMS0520.M Fri May 24 08:34:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11795.D
Operator :
Acquired : 23 May 2002 1:04 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 36
Quant File :GCMS0520.RES (RTE Integrator)







11795.D GCMS0520.M Fri May 24 08:34:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11795.D Vial: 36
Acq On : 23 May 2002 1:04 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

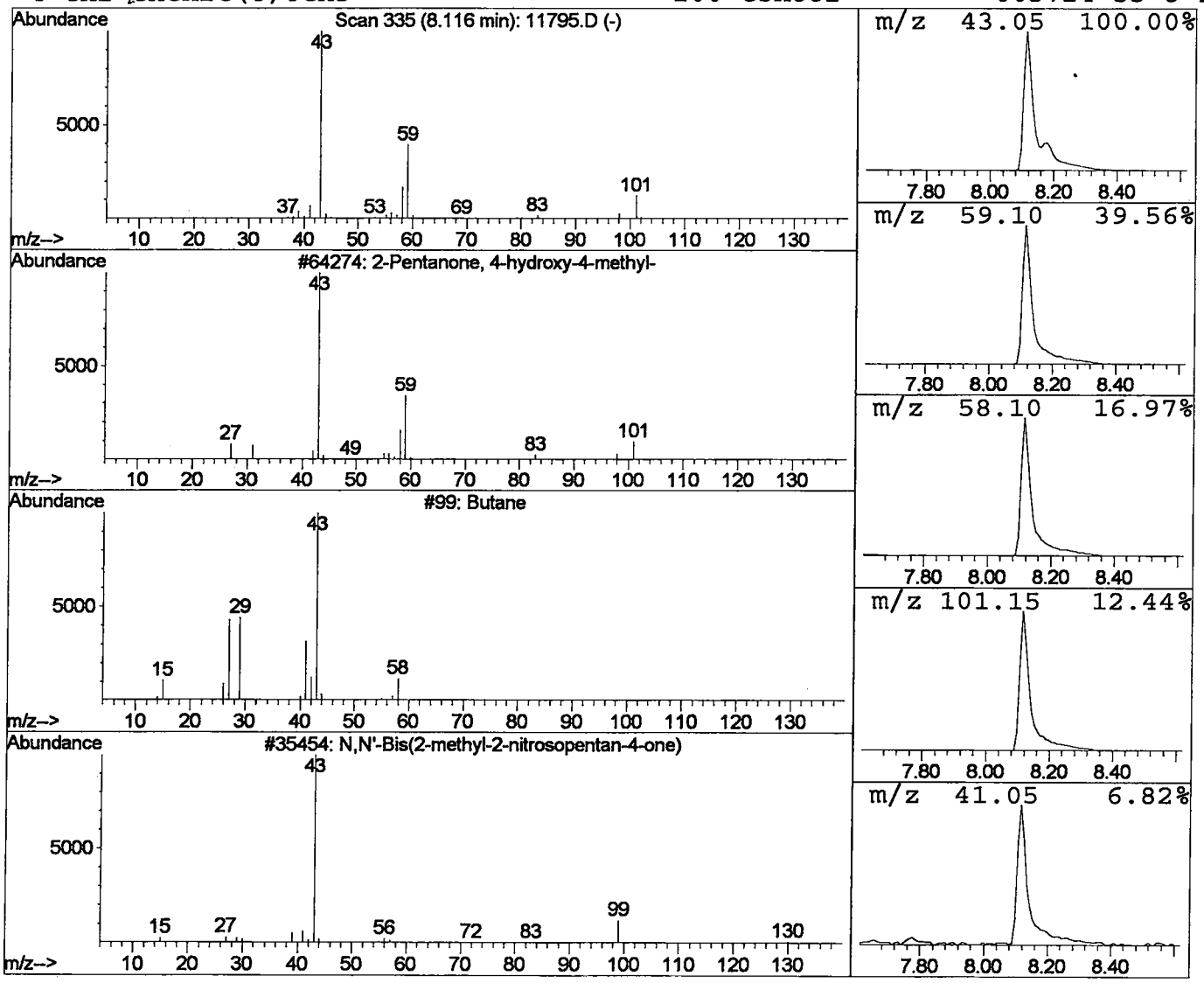
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	13.69 ug/l	810562	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butane	58	C4H10	000106-97-8	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 May 2002 1:04 am
Data File: C:\HPCHEM\1\DATA\MAY2102\11795.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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
~~2-Pentanone, 4-hydro~~	8.12	13.7	ug/l	810562	ISTD01	12.14	2369150	40.0

11795.D GCMS0520.M Fri May 24 08:34:20 2002