User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 15:54:47

Sample: AD29293
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 15:54 Ended: 12/28/01 15:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Comments for Sample AD29293 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 15:57:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.31 ug/L and bis(2-Ethylhexyl)phthalate at an estimated level of 0.33 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D Vial: 14
Acq On : 12 Dec 2001 3:40 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 15:25 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 : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	904533	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3481718	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.55	164	1746718	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.98	188	2504049	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1576541m	20.00	ug/l	-0.03
44) Perylene-d12	37.09	264	1076900	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	178600	5.99	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 119.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	289	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-Nitroso-di-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	14.06	82	689	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	15.33	128	995	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	20.10	152	102	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.32	165	101	N.D.		
25) Diethylphthalate	22.08	149	1764	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D Vial: 14
Acq On : 12 Dec 2001 3:40 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 15:25 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 : GCMS1126

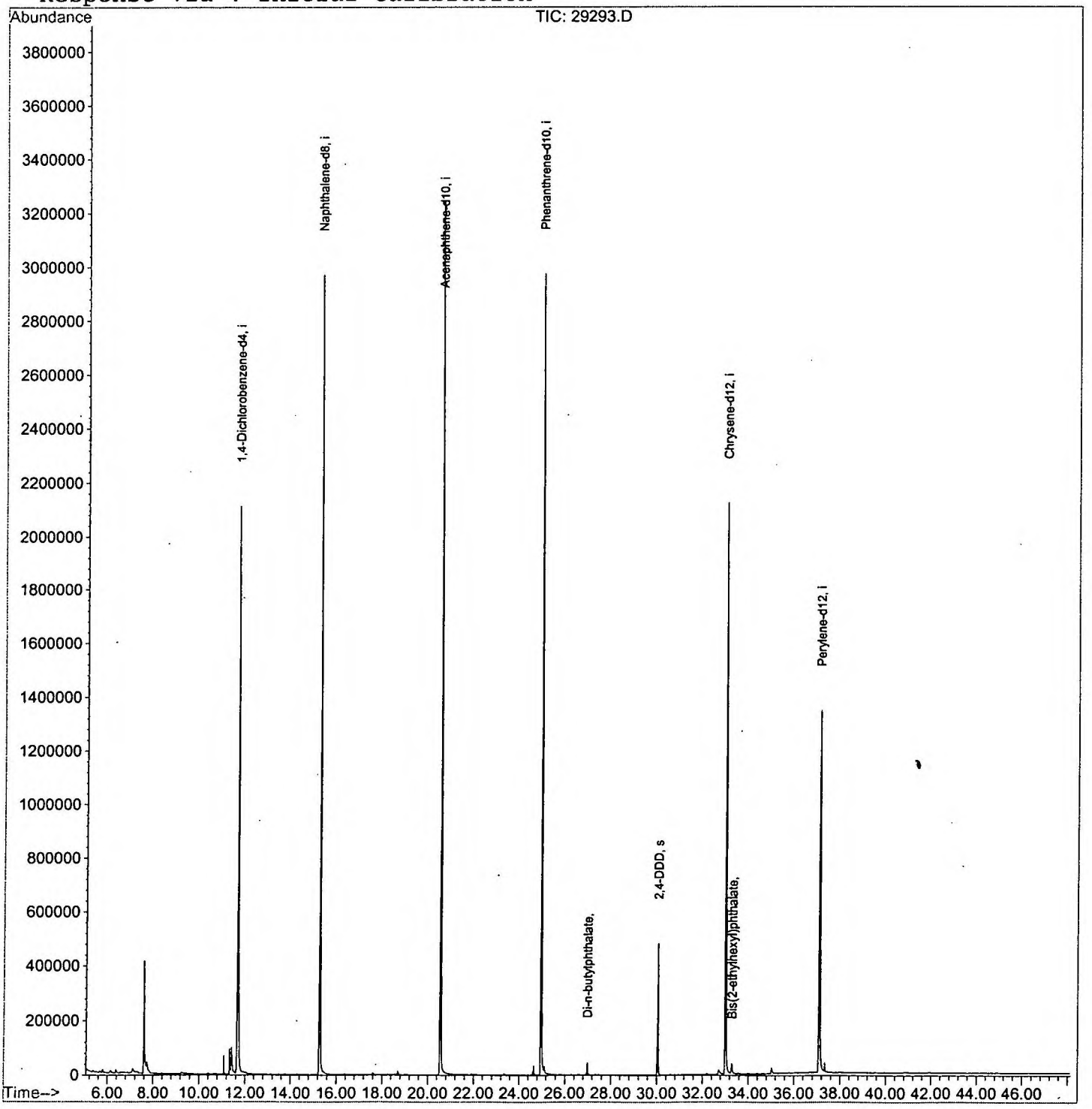
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	897	N.D.	
34)	Anthracene	25.18	178	210	N.D.	
35)	Di-n-butylphthalate	26.99	149	54300	0.31 ug/l	97
36)	Fluoranthene	28.68	202	993	N.D.	
39)	Pyrene	29.34	202	1487	N.D.	
40)	Butylbenzylphthalate	31.50	149	387	N.D.	
41)	Benzo(a)anthracene	33.01	228	5280	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	32024	0.33 ug/l	
43)	Chrysene	33.07	228	1359	N.D.	
45)	Di-n-Octylphthalate	35.03	149	34086	N.D.	
46)	Benzo(b)fluoranthene	36.11	252	3007	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	1787	N.D.	
48)	Benzo(a)pyrene	36.94	252	906	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.82	276	5043	N.D.	
50)	Dibenz(a,h)anthracene	40.89	278	6793	N.D.	
51)	Benzo(g,h,i)perylene	41.89	276	4937	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D Vial: 14
Acq On : 12 Dec 2001 3:40 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 15:25 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D Vial: 14
Acq On : 12 Dec 2001 3:40 pm Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

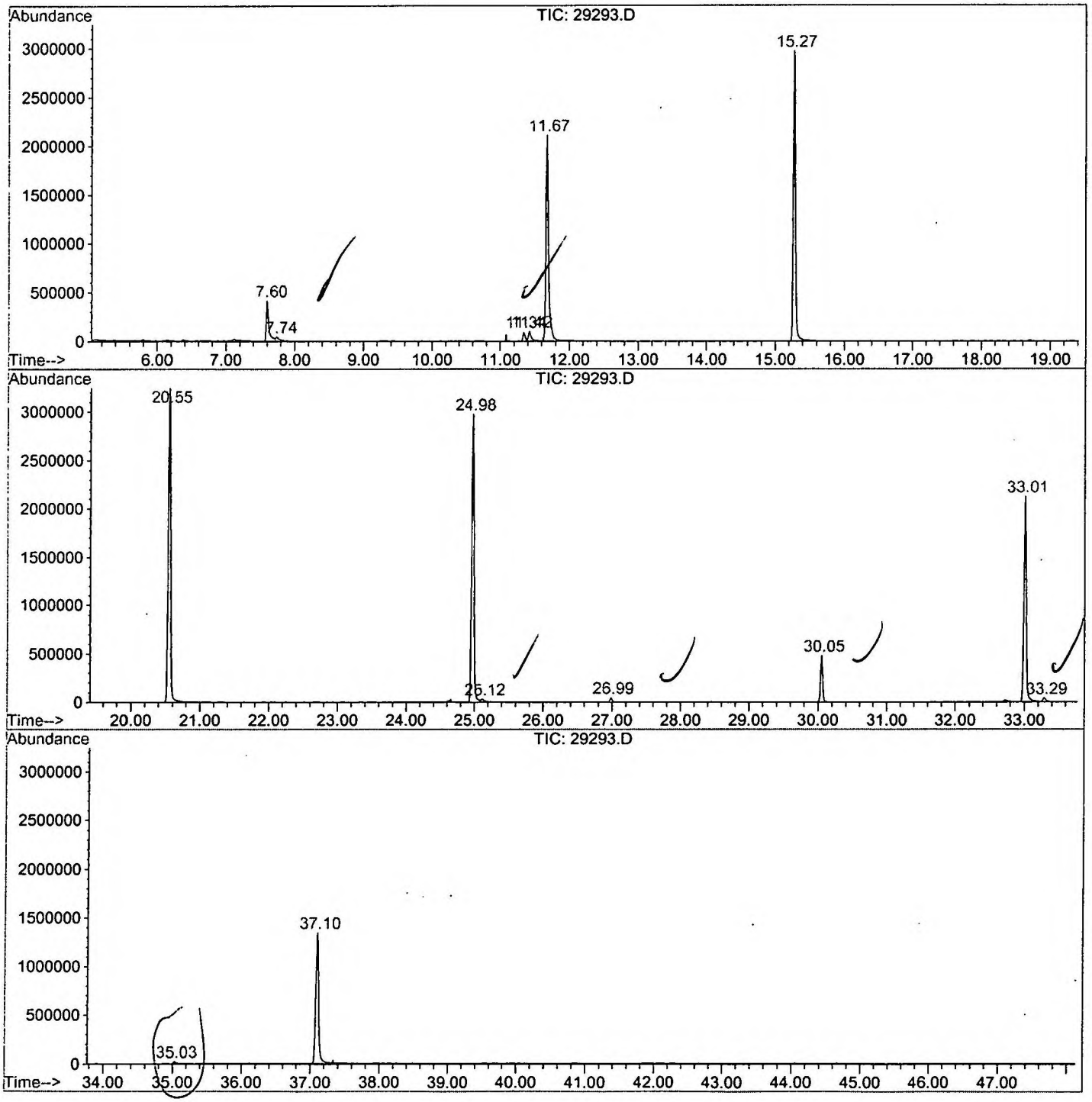
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.597	274	278	291	rBV	413493	1026293	14.29%	2.721%
2	7.744	291	294	308	rVB	41027	146242	2.04%	0.388%
3	11.342	682	686	691	rBV	93561	202563	2.82%	0.537%
4	11.425	691	695	713	rVV	98383	283477	3.95%	0.751%
5	11.673	715	722	746	rBV	2108935	5307882	73.92%	14.071%
6	15.271	1109	1114	1132	rBV	2969166	6587958	91.75%	17.464%
7	20.550	1683	1689	1713	rBV	3245651	7180375	100.00%	19.035%
8	24.975	2164	2171	2183	rBV2	2975038	6697469	93.27%	17.755%
9	25.122	2183	2187	2193	rVB	25450	74222	1.03%	0.197%
10	26.985	2385	2390	2396	rBV	45489	91214	1.27%	0.242%
11	30.052	2718	2724	2731	rBV	481482	976569	13.60%	2.589%
12	33.008	3039	3046	3070	rBV2	2121758	5038291	70.17%	13.356%
13	33.292	3072	3077	3088	rVB	37996	116755	1.63%	0.310%
14	35.027	3261	3266	3276	rBV	22083	72478	1.01%	0.192%
15	37.102	3484	3492	3509	rBV2	1339724	3920803	54.60%	10.394%

Sum of corrected areas: 37722591

29293.D GCMS1126.M Fri Dec 28 15:24:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 3:40 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)



29293.D GCMS1126.M Fri Dec 28 15:24:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

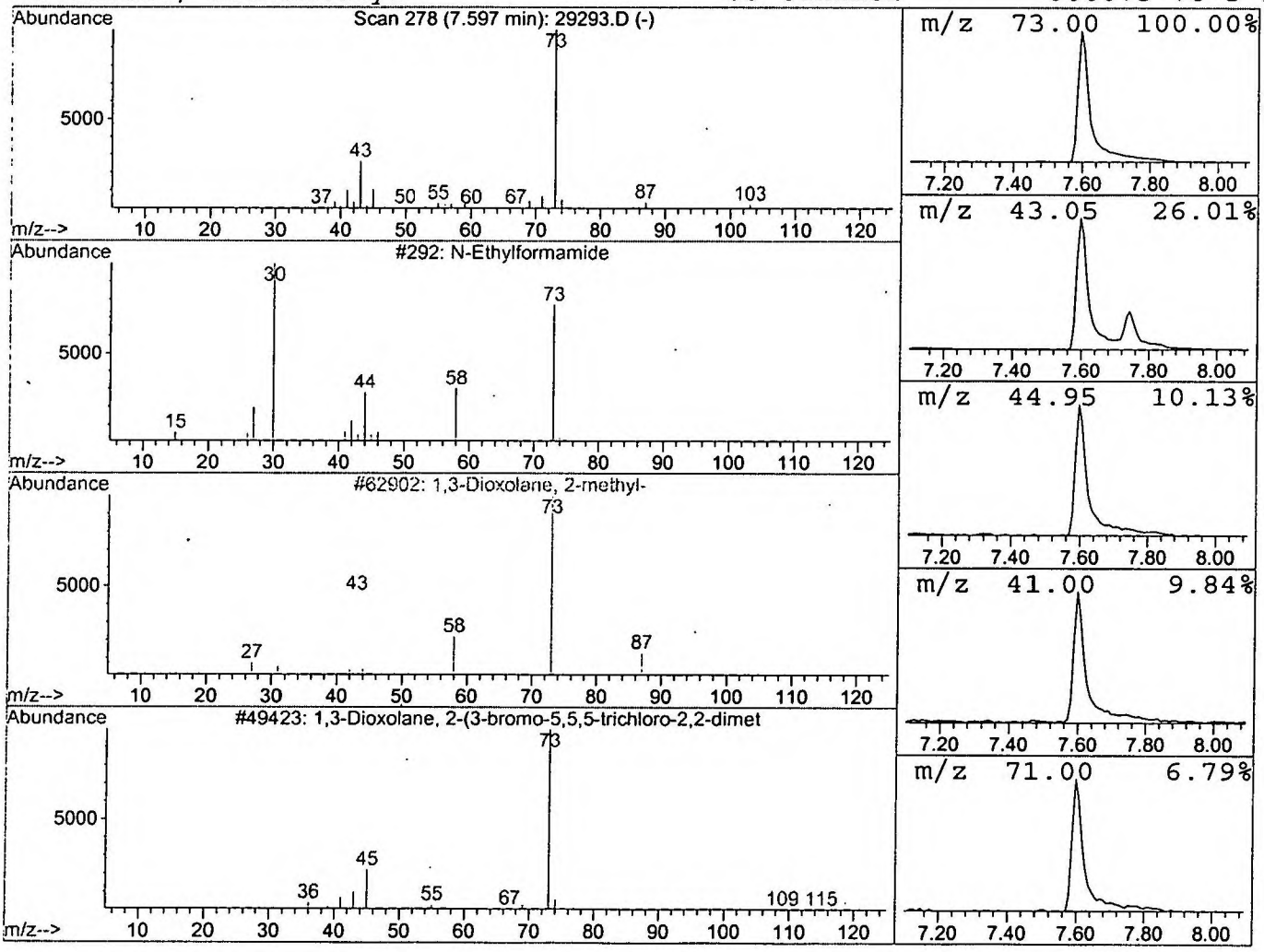
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.87 ug/l	1026290	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

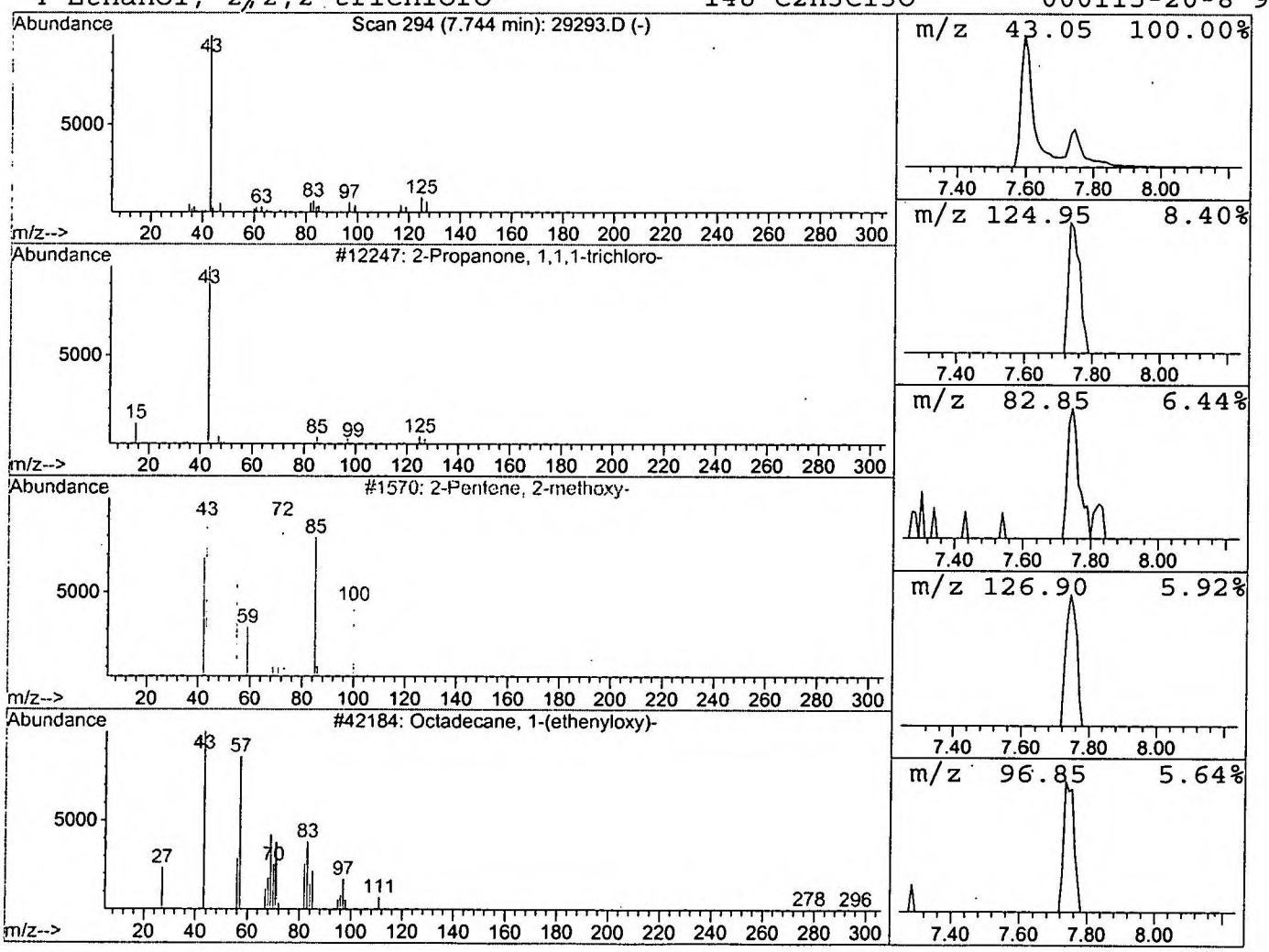
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.55 ug/l	146242	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	56
2	2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	9
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	9
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

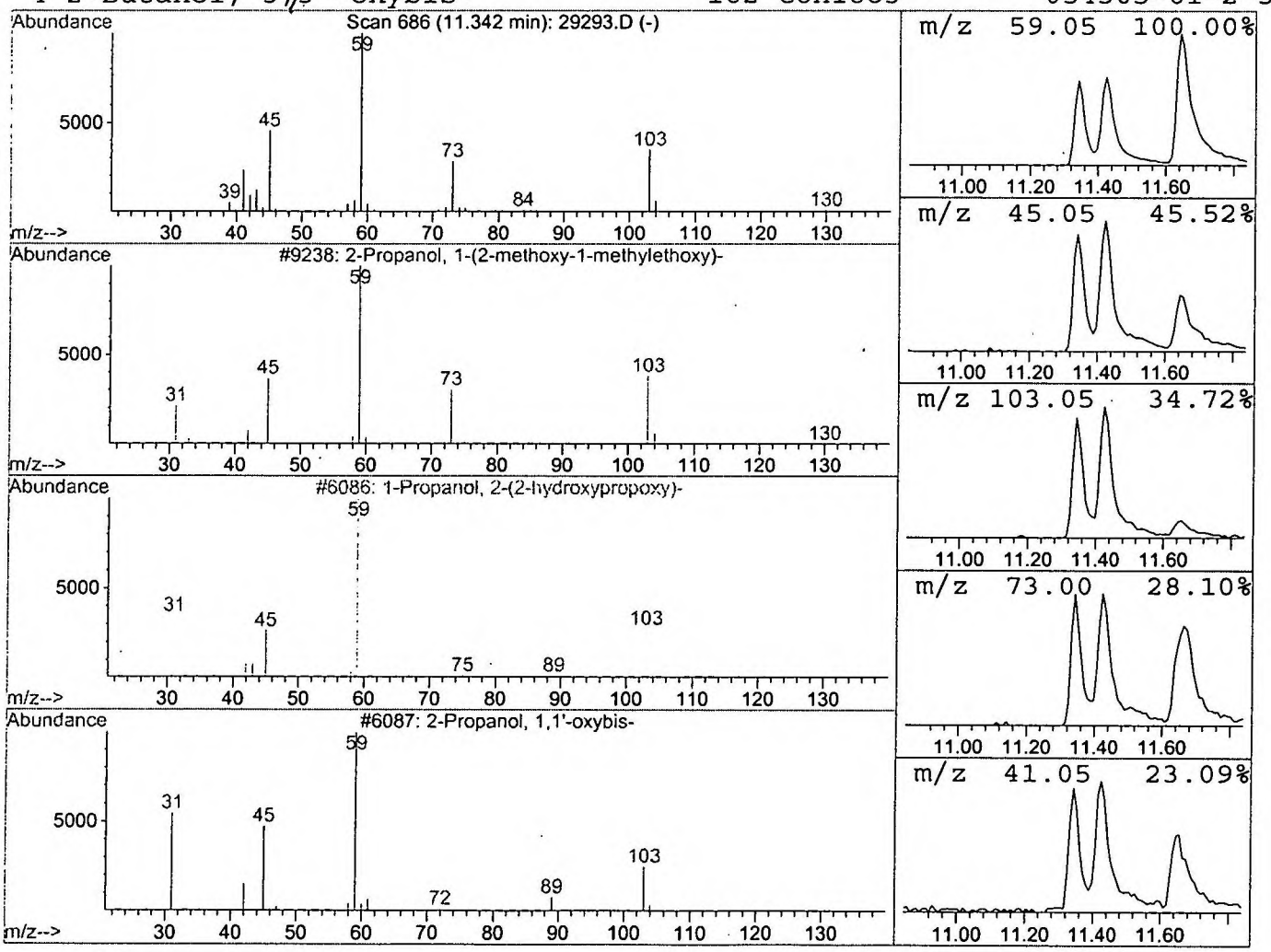
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.76 ug/l	202563	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

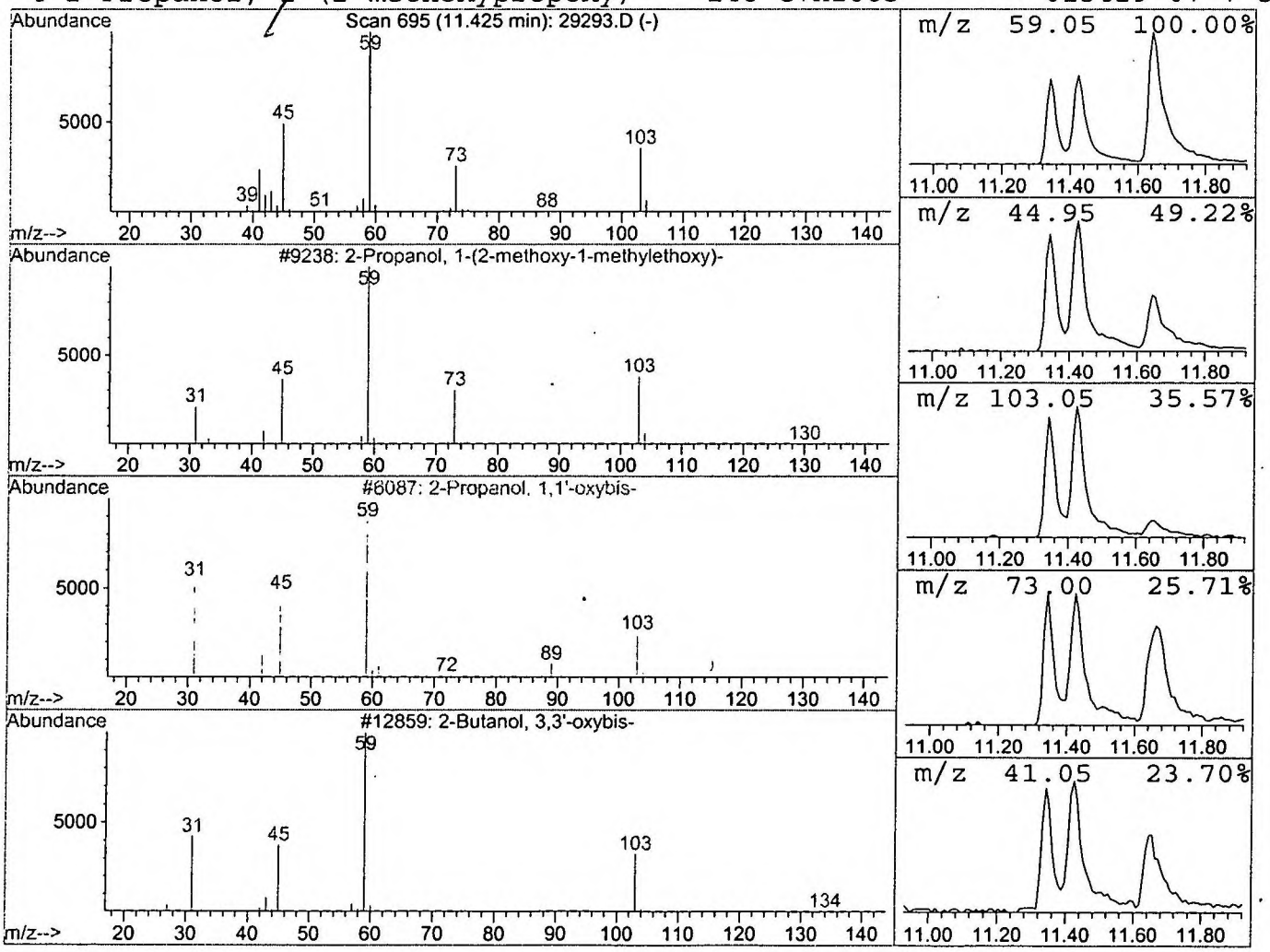
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.07 ug/l	283477	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29293.D
Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

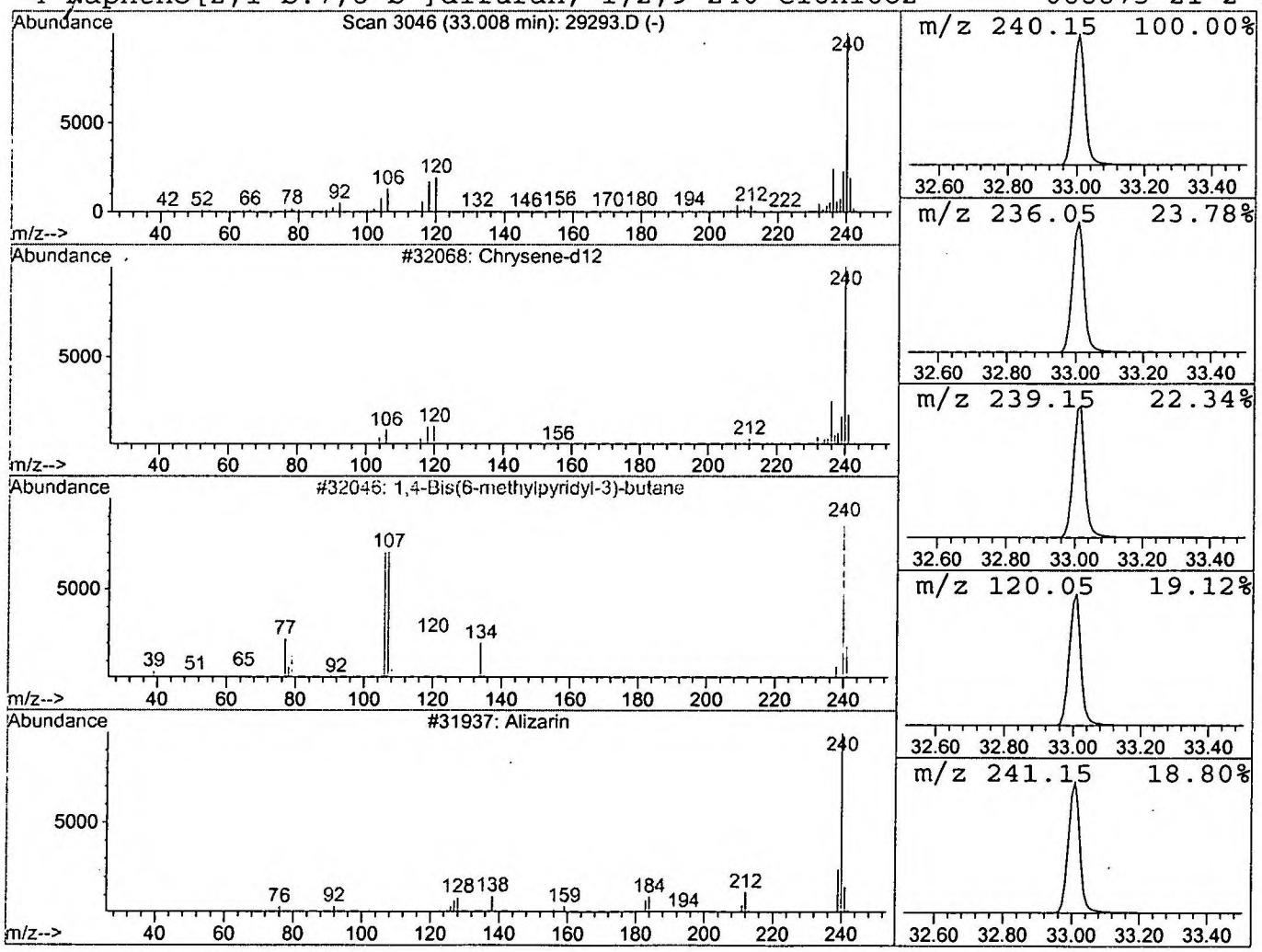
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Chrysene-d12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.01	25.70 ug/l	5038290	Perylene-d12	37.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene-d12	240	C18D12	001719-03-5	98
2	1,4-Bis(6-methylpyridyl-3)-butane	240	C16H20N2	000000-00-0	50
3	Alizarin	240	C14H8O4	000072-48-0	47
4	Naphtho[2,1-b:7,8-b']difuran, 1,2,9	240	C16H16O2	068873-21-2	43



Library Search Compound Report

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Acq On : 12 Dec 2001 3:40 pm
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

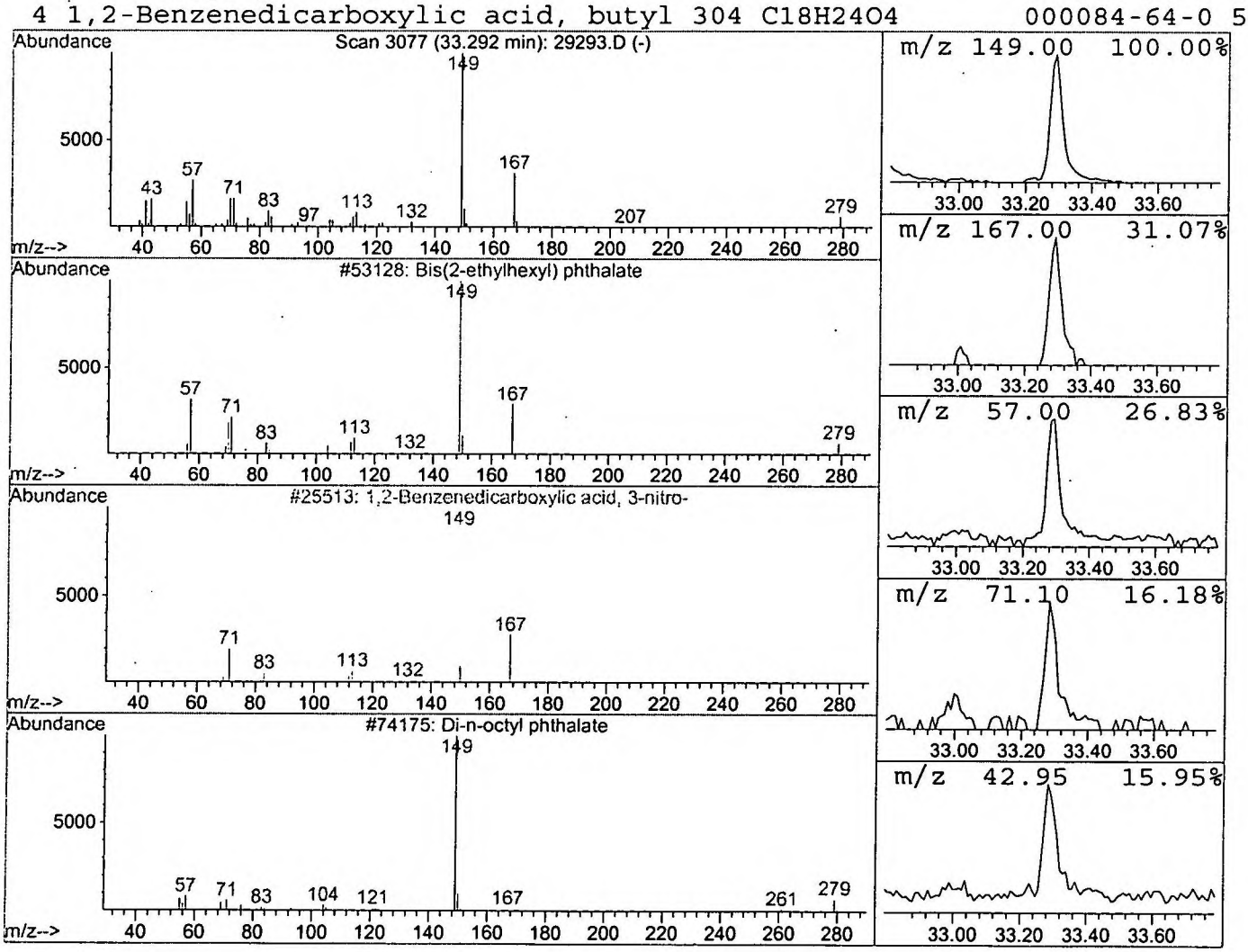
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Bis(2-ethylhexyl) phthalate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.29	0.60 ug/l	116755	Perylene-d12	37.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	1,2-Benzenedicarboxylic acid, 3-nit	211	C8H5NO6	000603-11-2	86
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	59
4	1,2-Benzenedicarboxylic acid, butyl	304	C18H24O4	000084-64-0	53



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 3:40 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29293.D
Name: gc/ms scan 12/4
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
N-Ethylformamide	7.60	3.9	ug/l	1026290	ISTD01	11.67	5307880	20.0
2-Propanone, 1,1,1-t	7.74	0.6	ug/l	146242	ISTD01	11.67	5307880	20.0
2-Propanol, 1-(2-met	11.34	0.8	ug/l	202563	ISTD01	11.67	5307880	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	283477	ISTD01	11.67	5307880	20.0
Chrysene-d12	33.01	25.7	ug/l	5038290	ISTD05	37.09	3920800	20.0
Bis(2-ethylhexyl) ph	33.29	0.6	ug/l	116755	ISTD05	37.09	3920800	20.0

29293.D GCMS1126.M Fri Dec 28 15:24:46 2001