NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 11:56:53

Sample: AE03387
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 11:56 Ended: 3/12/02 11:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

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Comments for Sample AE03387 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 11:56:57

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

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Quantitation Report (QT Reviewed)

a File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: 49
On : 23 Feb 2002 4:23 pm Operator:
ple : gc/ms scan 1/14 Inst : GC/MS 209
: Multiplr: 1.00
Integration Params: GOOFY.P
it Time: Mar 8 9:21 2002 Quant Results File: GCMS0208.RES

it Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
e : 209 625/TCLP calibration table
Update : Wed Feb 27 11:30:15 2002
onse via : Initial Calibration
Acq Meth : GCMS0208

al Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
4-Dichlorobenzene-d4	12.34	152	252566	20.00	ug/l	-0.02
phthalene-d8	15.97	136	963720	20.00	ug/l	-0.03
enaphthene-d10	21.29	164	501788	20.00	ug/l	-0.03
enanthrene-d10	25.73	188	720801	20.00	ug/l	-0.04
rysene-d12	33.80	240	506558	20.00	ug/l	-0.05
rylene-d12	38.09	264	339343	20.00	ug/l	-0.04
Monitoring Compounds						
4-DDD	30.82	235	44743	5.94 (3.68)	ug/mL	0.32
d Amount 5.000			Recovery =	118.80% (74%)		
Compounds						Qvalue
itroso-dimethyl amine	0.00	74	0	N.D.		
(2-Chloroethyl)ether	11.58	93	1181	N.D.		
-Dichlorobenzene	0.00	146	0	N.D.		
-Dichlorobenzene	0.00	146	0	N.D.		
-Dichlorobenzene	0.00	146	0	N.D.		
'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
itroso-di-n-propylamine	0.00	70	0	N.D.		
ichloroethane	0.00	117	0	N.D.		
obenzene	0.00	77	0	N.D.		
horone	0.00	82	0	N.D.		
2-Chloroethoxy)methane	0.00	93	0	N.D.		
4-Trichlorobenzene	0.00	180	0	N.D.		
thalene	0.00	128	0	N.D.		
chlorobutadiene	0.00	225	0	N.D.		
chlorocyclopentadiene	0.00	237	0	N.D.		
loronaphthalene	0.00	162	0	N.D.		
hylphthalate	0.00	163	0	N.D.		
)initrotoluene	0.00	165	0	N.D.		
phthylene	0.00	152	0	N.D.		
phthene	0.00	153	0	N.D.		
initrotoluene	0.00	165	0	N.D.		
ylphthalate	22.77	149	636	N.D.		
orophenyl-phenylether	0.00	204	0	N.D.		
ene	0.00	166	0	N.D.		
izen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

fier out of range (m) = manual integration
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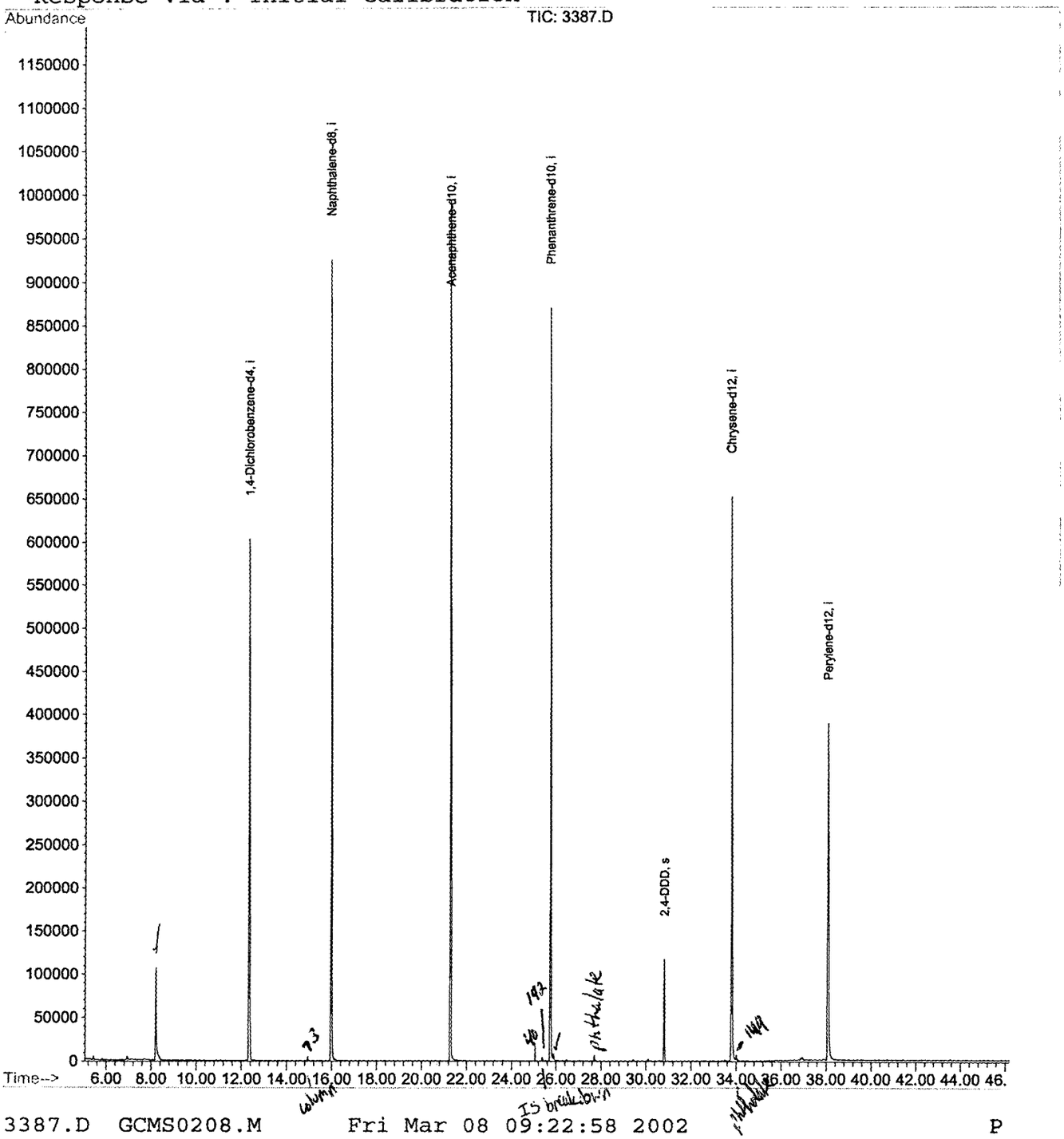
Quantitation

Data File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: --
Acq On : 23 Feb 2002 4:23 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:21 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



3387.D GCMS0208.M Fri Mar 08 09:22:58 2002 P

NYC-WTC_000006285

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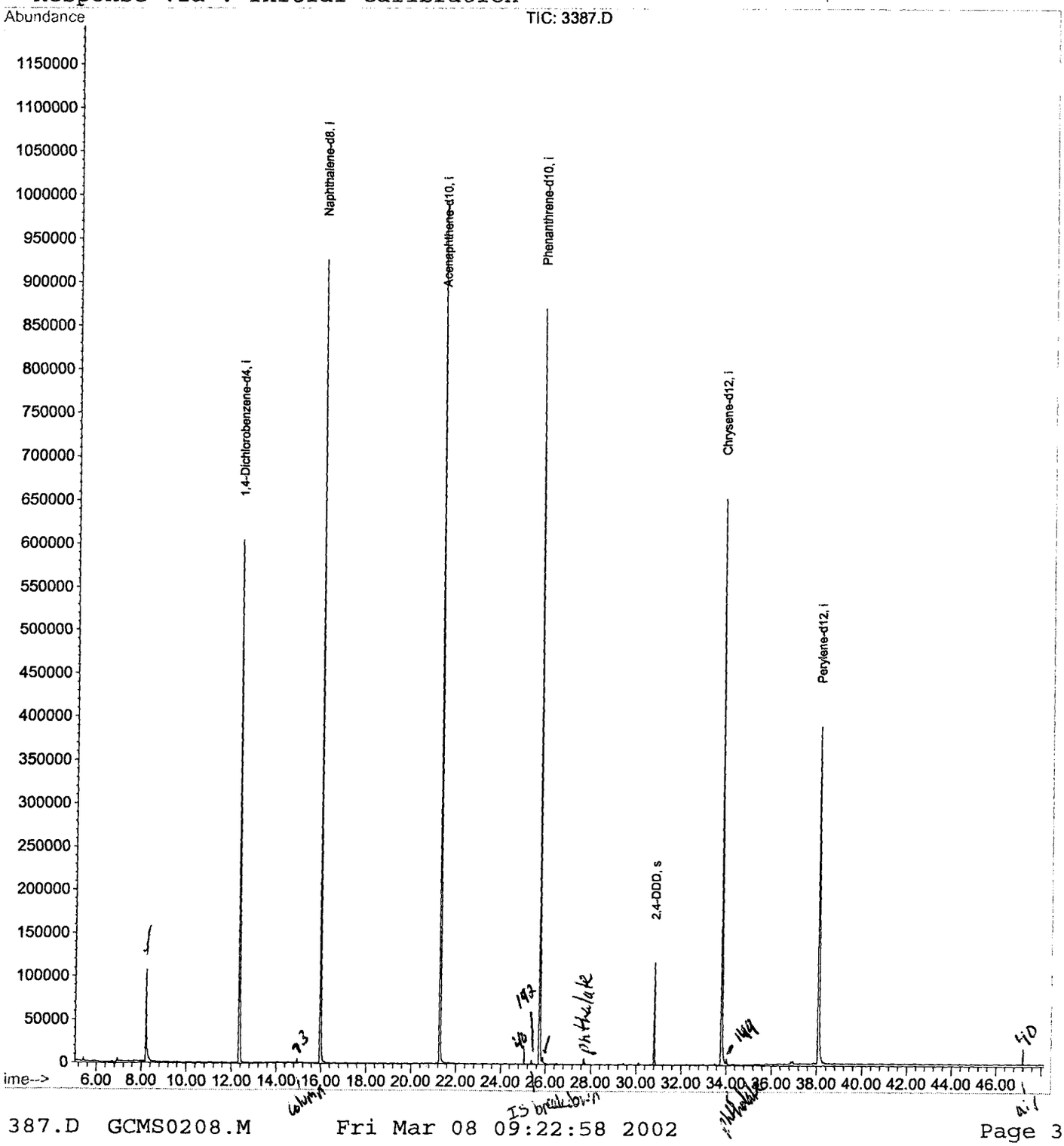
Data File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: 49
Acq On : 23 Feb 2002 4:23 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:21 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



NYC-WTC_000006286

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Data File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: 49
Acq On : 23 Feb 2002 4:23 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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	8.205	339	344	370	rBV	106346	283189	14.12%	2.660%
2	12.326	788	793	811	rBV	603049	1465113	73.07%	13.763%
3	15.971	1184	1190	1207	rBV	924973	1906507	95.09%	17.909%
4	21.286	1763	1769	1782	rBV	994167	2004990	100.00%	18.834%
5	25.739	2247	2254	2265	rBV2	870107	1935740	96.55%	18.183%
6	25.877	2265	2269	2279	rVB4	7297	21538	1.07%	0.202%
7	30.816	2801	2807	2813	rBV	117509	239875	11.96%	2.253%
8	33.799	3122	3132	3150	rBV2	652408	1583348	78.97%	14.873%
9	38.086	3591	3599	3615	rBV2	388640	1205377	60.12%	11.323%

Sum of corrected areas: 10645677

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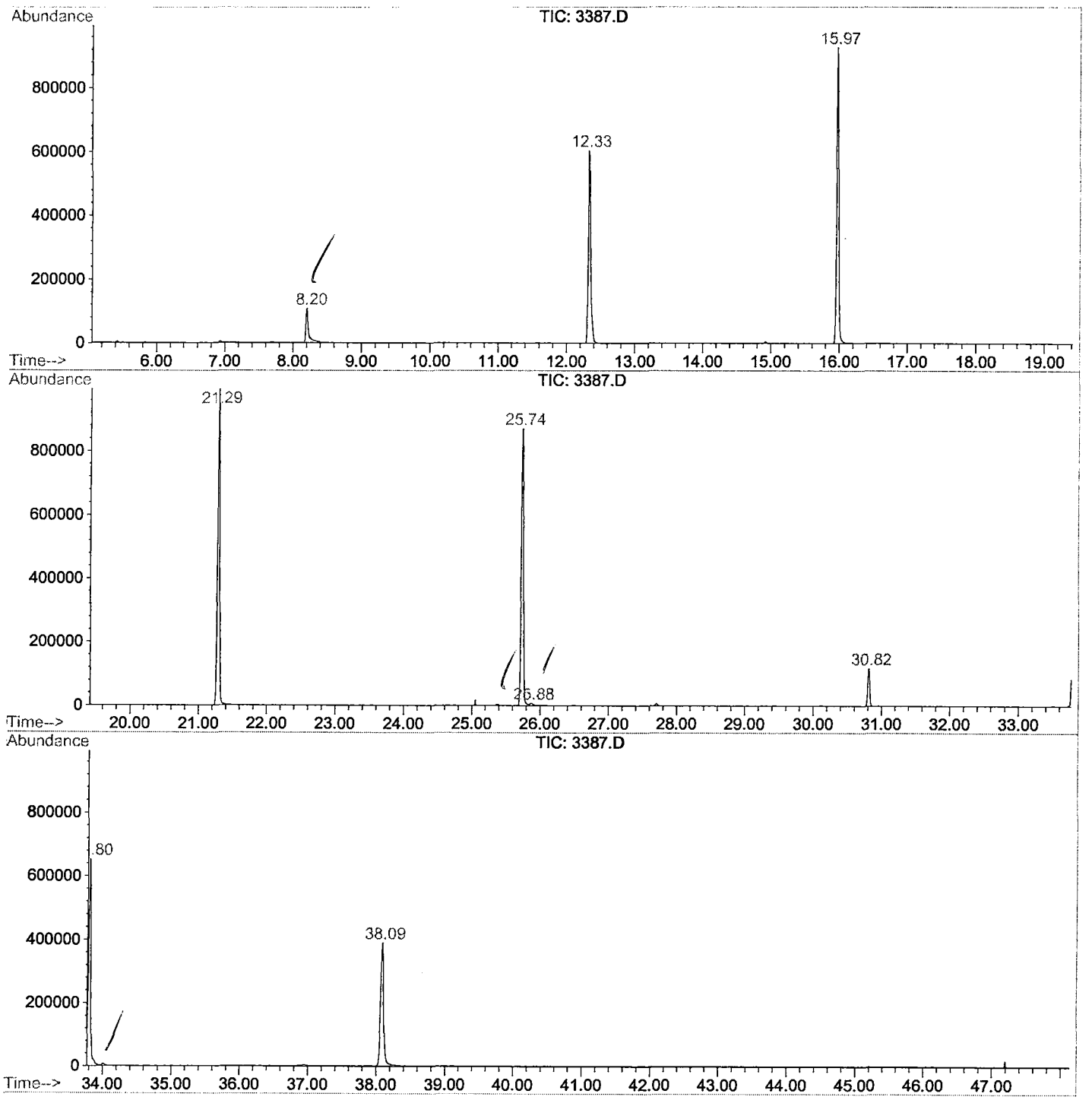
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3387.D
Operator :
Acquired : 23 Feb 2002 4:23 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 49
Quant File :GCMS0208.RES (RTE Integrator)



3387.D GCMS0208.M Fri Mar 08 09:44:13 2002

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: 49
Acq On : 23 Feb 2002 4:23 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

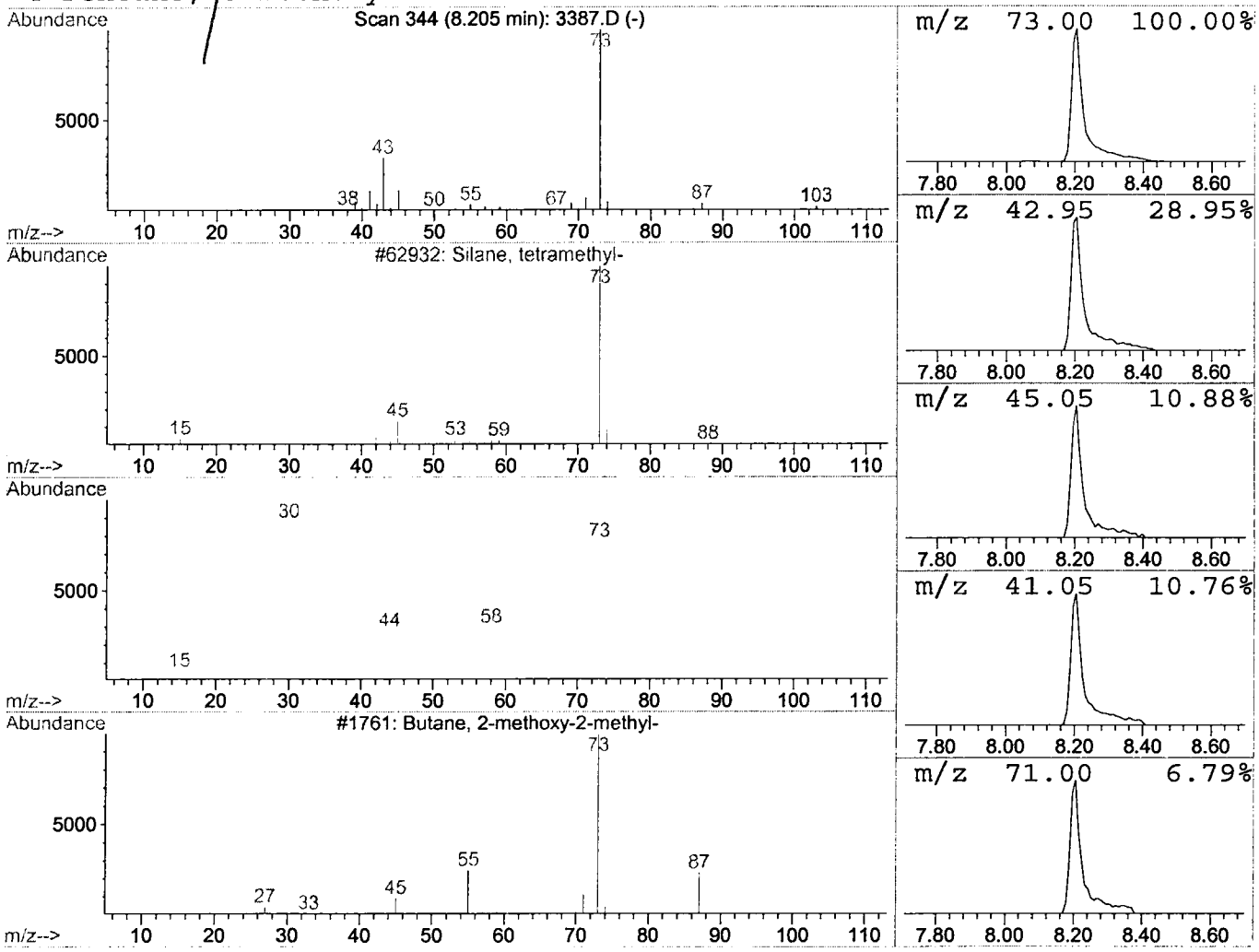
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.87 ug/l	283189	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



NYC-WTC_000006289

Data File : C:\HPCHEM\1\DATA\FEB2102\3387.D Vial: 49
Acq On : 23 Feb 2002 4:23 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

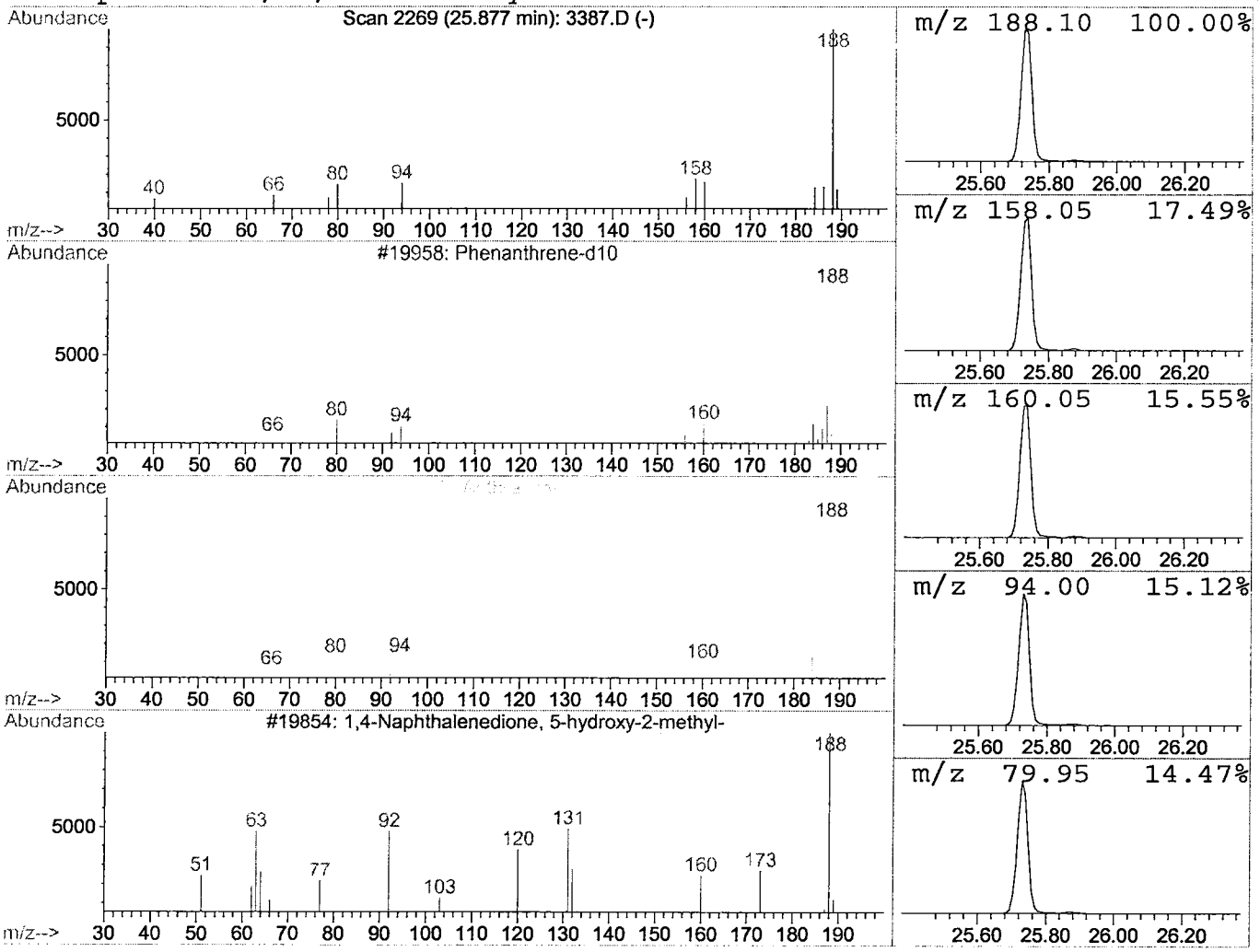
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.22 ug/l	21538	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 IS	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	1,4-Naphthalenedione, 5-hydroxy-2-m	188	C11H8O3	000481-42-5	47
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	9



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Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 23 Feb 2002 4:23 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3387.D
Name: gc/ms scan 1/14
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
Silane, tetramethyl-	8.20	3.9	ug/l	283189	ISTD01	12.34	1465110	20.0
Phenanthrene-d10	25.88	0.2	ug/l	21538	ISTD04	25.73	1935740	20.0

3387.D GCMS0208.M Fri Mar 08 09:44:26 2002