User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/22/2002 Time: 09:12:18

Sample: AE00364
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/22/02 09:07 Ended: 3/22/02 09:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		127		5.0

no charge

Comments for Sample AE00364 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-22-2002 Time: 09:17:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
Recoveries for compounds in the LCS Standard were high. Acceptance limits will be recalculated. This sample was extracted and analyzed twice due to possible bottle contamination initially. The Surrogate Standard recoveries were acceptable both times. There will be no charge for the cost of analysis for this sample due to the delay.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1102\364.D
Acq On : 12 Feb 2002 2:45 am
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 19 9:51 2002

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	278324	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1067577	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.30	164	569627	20.00	ug/l	-0.01
29) Phenanthrene-d10	25.75	188	841542	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	551375	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	336170	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	51268	6.07	ug/mL	0.33
Spiked Amount 5.000			Recovery = 121.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	13.54	77	297	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	16.05	128	990	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.		
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	22.77	149	478	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\FEB1102\364.D Vial: 18
Acq On : 12 Feb 2002 2:45 am Operator: 209 GALOS
Sample : GC/MS SCAN 1/15 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 19 9:51 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.82	178	2172	N.D.	
34)	Anthracene	25.95	178	601	N.D.	
35)	Di-n-butylphthalate	27.72	149	8410	N.D.	
36)	Fluoranthene	29.44	202	827	N.D.	
39)	Pyrene	30.12	202	1203	N.D.	
40)	Butylbenzylphthalate	32.27	149	855	N.D.	
41)	Benzo(a)anthracene	33.83	228	3232	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	17033	0.47 ug/l #	93
43)	Chrysene	33.90	228	826	N.D.	
45)	Di-n-Octylphthalate	35.76	149	1067	N.D.	
46)	Benzo(b)fluoranthene	36.96	252	470	N.D.	
47)	Benzo(k)fluoranthene	36.96	252	291	N.D.	
48)	Benzo(a)pyrene	38.11	252	1641	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.	

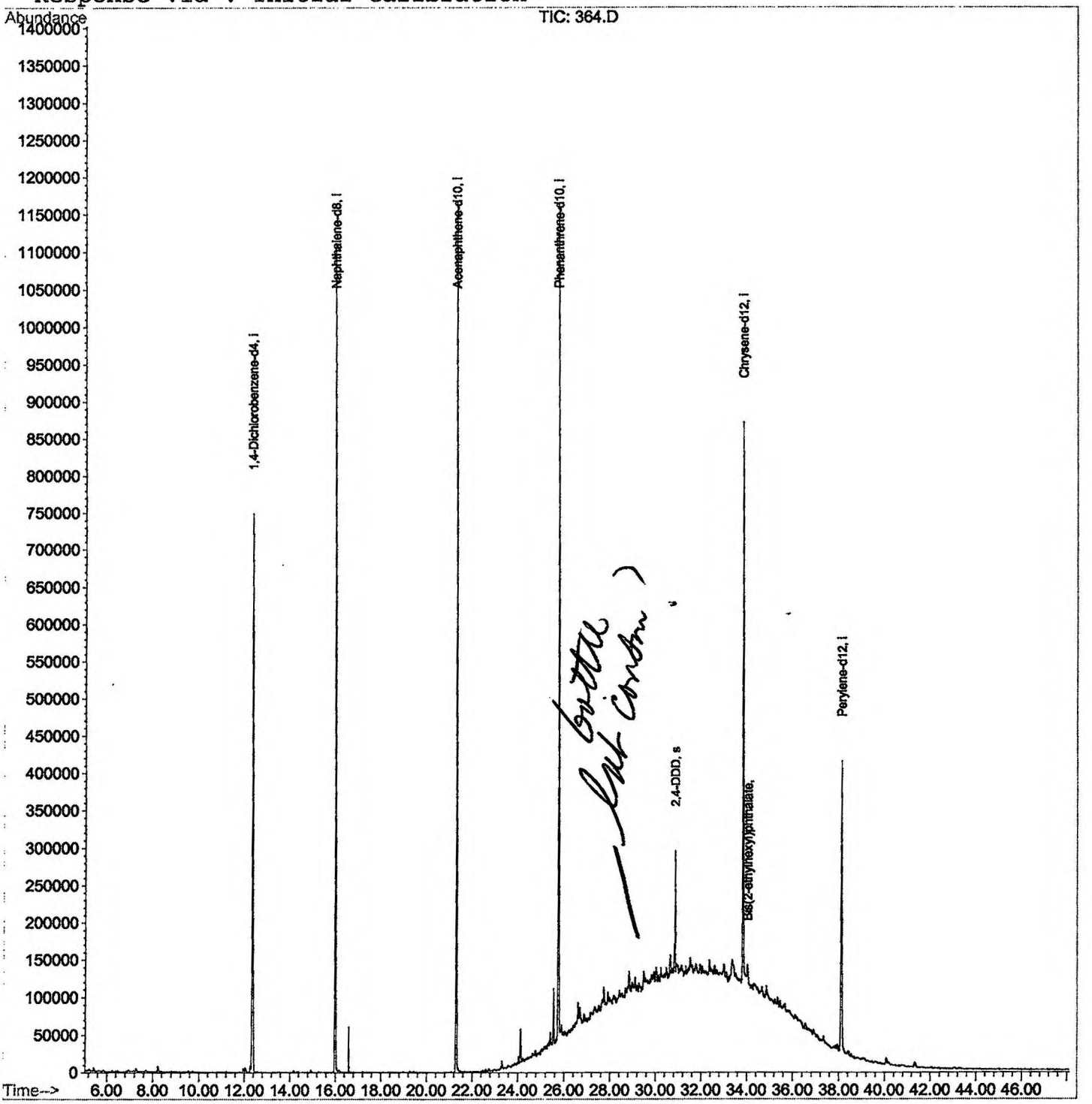
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1102\364.D
Acq On : 12 Feb 2002 2:45 am
Sample : GC/MS SCAN 1/15
Misc :
MS Integration Params: GOOFY:P
Quant Time: Feb 19 9:51 2002

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\364.D Vial: 17
Acq On : 20 Mar 2002 12:45 am Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:36:41 2002 Quant Results File: 5080302.RES

Re-Calculated on 2/26/2

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1432263	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4008514	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2258362	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3450652	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3193995	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1799472	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	262559	6.38	ug/L	0.00
Spiked Amount 5.000			Recovery = 127.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	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.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	24.65	149	5120	0.03	ug/L	79
36) 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) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	30.91	149	75794	0.61	ug/L	95
43) Chrysene	0.00	228	0	N.D.	d	
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration
364.D 5080302.M Thu Mar 21 11:37:45 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\364.D Vial: 17
Acq On : 20 Mar 2002 12:45 am Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:36:41 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

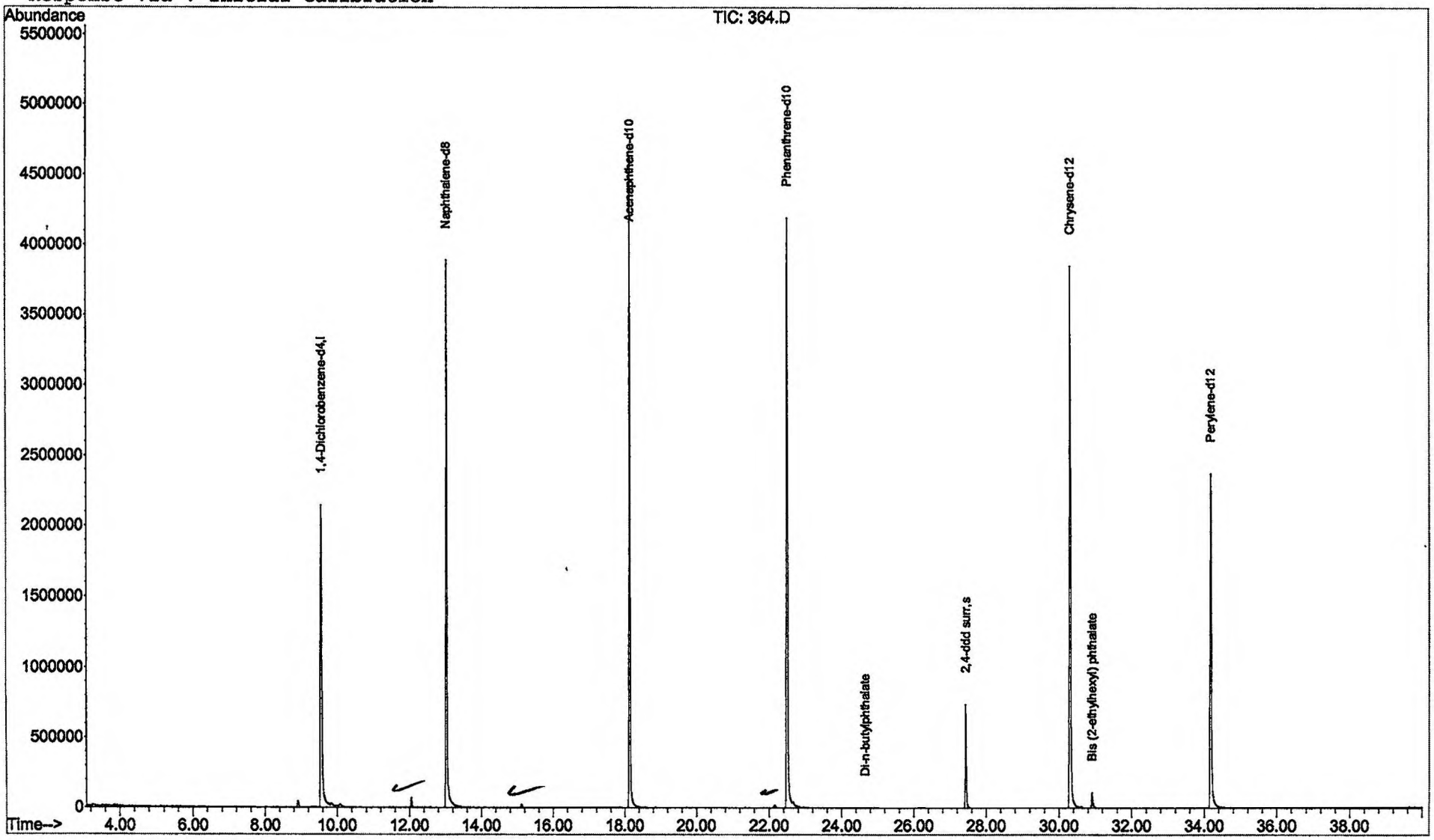
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
364.D 5080302.M Thu Mar 21 11:37:46 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031902\364.D Vial: 17
Acq On : 20 Mar 2002 12:45 am Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 21 11:37 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031902\364.D Vial: 17
Acq On : 20 Mar 2002 12:45 am Operator: McLean
Sample : RE-INJ 2/20 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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

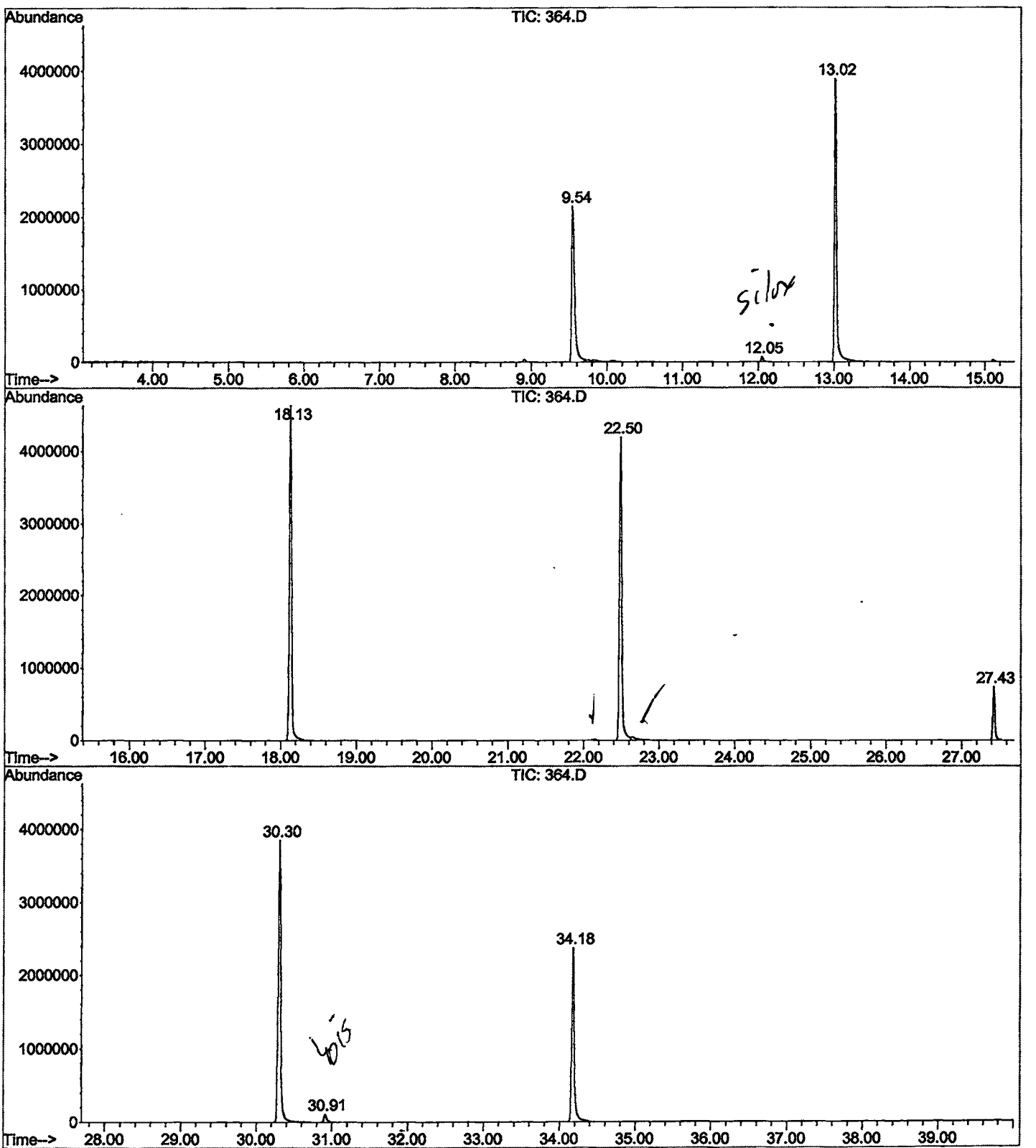
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.543	708	713	730	rBV	2145123	6131571	64.58%	12.151%
2	12.046	985	989	998	rBV	70811	126002	1.33%	0.250%
3	13.017	1091	1096	1114	rBV	3889897	8543777	89.98%	16.932%
4	18.133	1654	1660	1680	rBV	4631506	9354656	98.52%	18.539%
5	22.495	2134	2141	2155	rBV2	4194236	9494814	100.00%	18.817%
6	27.430	2680	2685	2699	rBV	736973	1422053	14.98%	2.818%
7	30.305	2995	3002	3026	rBV2	3852002	9213606	97.04%	18.259%
8	30.913	3064	3069	3081	rBV	109102	261766	2.76%	0.519%
9	34.178	3422	3429	3451	rBV2	2376369	5911396	62.26%	11.715%

Sum of corrected areas: 50459641

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031902\364.D
Operator : McLean
Acquired : 20 Mar 2002 12:45 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: RE-INJ 2/20
Misc Info :
Vial Number: 17
Quant File :5080302.RES (RTE Integrator)



Tentatively Identified Compound (LSC) summary

perator ID: McLean Date Acquired: 20 Mar 2002 12:45 am
ata File: C:\MSDCHEM\1\DATA\031902\364.D
ame: RE-INJ 2/20
isc:
ethod: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
itle: Quantitation For Method 508gcscan
ibrary Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc