LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Integration Parameters: LSCINT.P
Integrator: RTE
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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	422	427	437	rBV	152671	241143	5.08%	0.524%
2	6.922	732	737	753	rVB	142492	257038	5.41%	0.558%
3	7.087	758	765	776	rBV	579259	903824	19.03%	1.963%
4	7.281	791	798	812	rBV	633708	1039204	21.89%	2.257%
5	7.746	870	877	886	rBV	654332	1104211	23.26%	2.398%
6	8.452	991	997	1011	rBV	464905	797309	16.79%	1.732%
7	8.904	1067	1074	1088	rBV	697256	1211426	25.51%	2.631%
8	9.616	1189	1195	1209	rBV	585453	1012167	21.32%	2.199%
9	10.151	1279	1286	1305	rBV	738946	1473426	31.03%	3.200%
10	10.522	1340	1349	1359	rBV	821498	1433480	30.19%	3.114%
11	13.269	1809	1816	1824	rVB3	62415	107034	2.25%	0.232%
12	13.792	1899	1905	1914	rVB	1594360	2292164	48.27%	4.979%
13	14.069	1945	1952	1960	rBV	1780164	2650059	55.81%	5.756%
14	14.381	1996	2005	2011	rBV	1209720	1887972	39.76%	4.101%
15	14.616	2039	2045	2058	rBV2	70030	195841	4.12%	0.425%
16	15.375	2167	2174	2188	rBV	2374951	3418340	71.99%	7.425%
17	15.510	2191	2197	2207	rVV	666417	1013832	21.35%	2.202%
18	15.610	2211	2214	2221	rVB2	32542	52040	1.10%	0.113%
19	16.228	2315	2319	2323	rBV3	45032	64864	1.37%	0.141%
20	16.345	2333	2339	2345	rBV4	118005	204679	4.31%	0.445%
21	16.422	2348	2352	2357	rBV6	36583	48519	1.02%	0.105%
22	16.598	2378	2382	2385	rBV5	35277	48192	1.01%	0.105%
23	16.633	2385	2388	2394	rVB2	40058	55666	1.17%	0.121%
24	16.727	2398	2404	2411	rBV	726544	971569	20.46%	2.110%
25	17.127	2466	2472	2480	rVB	1533686	2202338	46.38%	4.784%
26	17.227	2482	2489	2494	rBV2	2403340	3676197	77.42%	7.985%
27	17.280	2494	2498	2508	rVB2	459422	724386	15.26%	1.573%
28	17.369	2508	2513	2515	rBV2	292773	413387	8.71%	0.898%
29	17.451	2522	2527	2536	rVB3	400111	686516	14.46%	1.491%
30	18.527	2705	2710	2717	rBV3	123558	271209	5.71%	0.589%
31	18.998	2786	2790	2792	rBV4	44995	59206	1.25%	0.129%
32	19.033	2792	2796	2800	rVB	52523	67211	1.42%	0.146%
33	19.121	2807	2811	2815	rBV2	93557	136288	2.87%	0.296%
34	19.521	2873	2879	2890	rBV	3299944	4421516	93.12%	9.604%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Integration Parameters: LSCINT.P
Integrator: RTE
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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

35	19.845	2932	2934	2938	rBV3	40472	48937	1.03%	0.106%
36	20.651	3068	3071	3076	rVB5	93986	119510	2.52%	0.260%
37	21.310	3178	3183	3191	rBV	2258360	3017914	63.56%	6.555%
38	23.421	3535	3542	3555	rVB	2517588	4748244	100.00%	10.314%
39	23.562	3560	3566	3575	rVB	1584305	2962070	62.38%	6.434%

Sum of corrected areas: 46038928

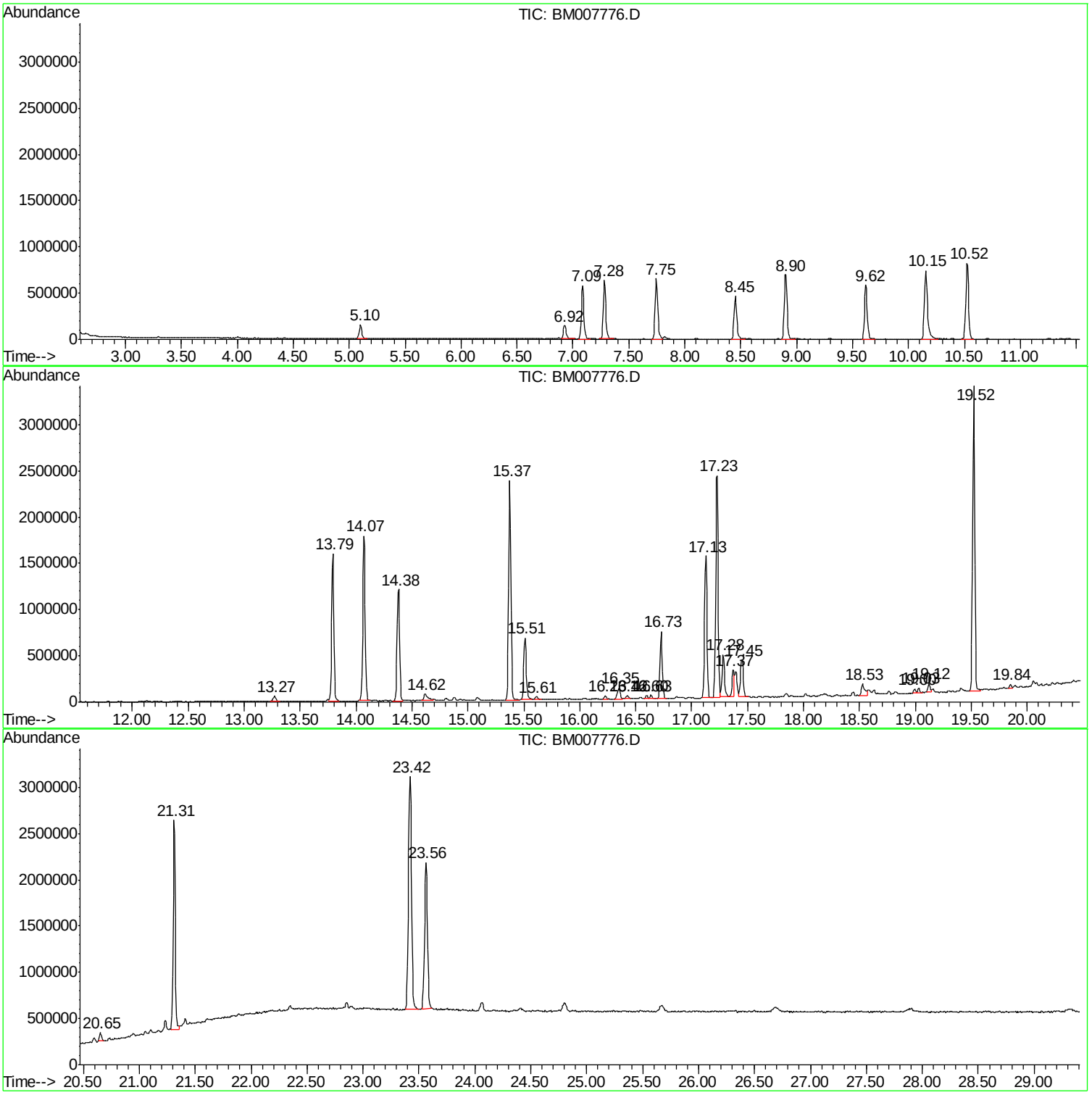
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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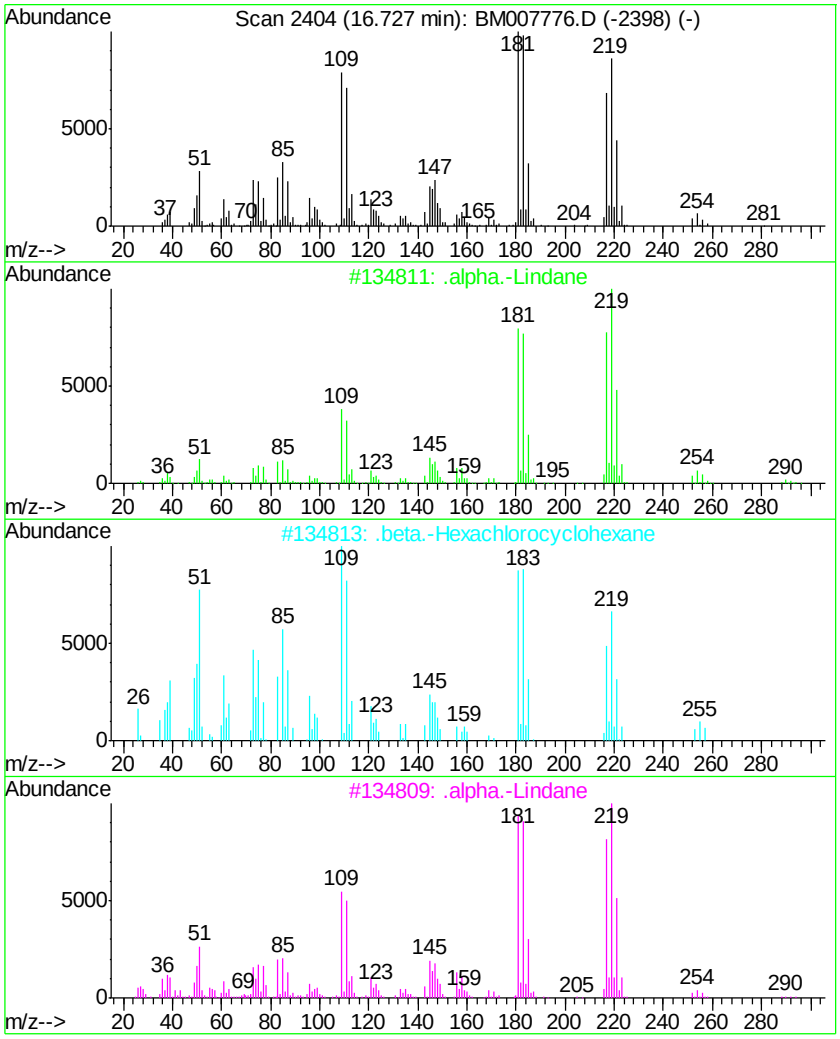
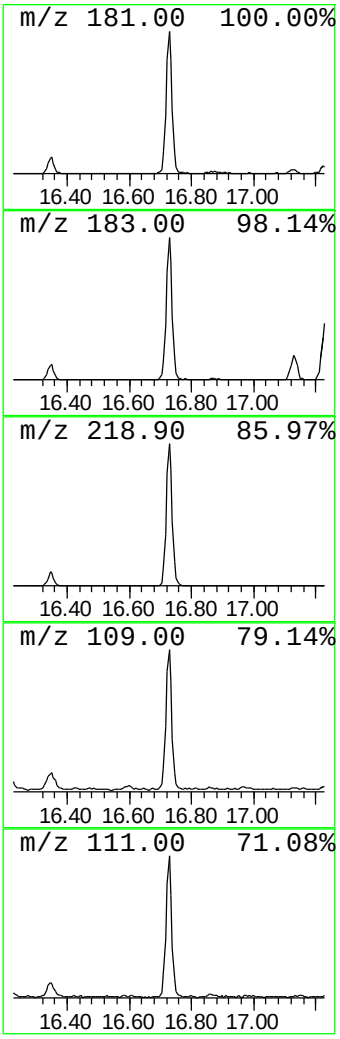
Peak Number 2 .alpha.-Lindane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	8.82 ng/ul	971569	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	91
2	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	91
3	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	91
4	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	90
5	.delta.-Lindane	288	C6H6Cl6	000319-86-8	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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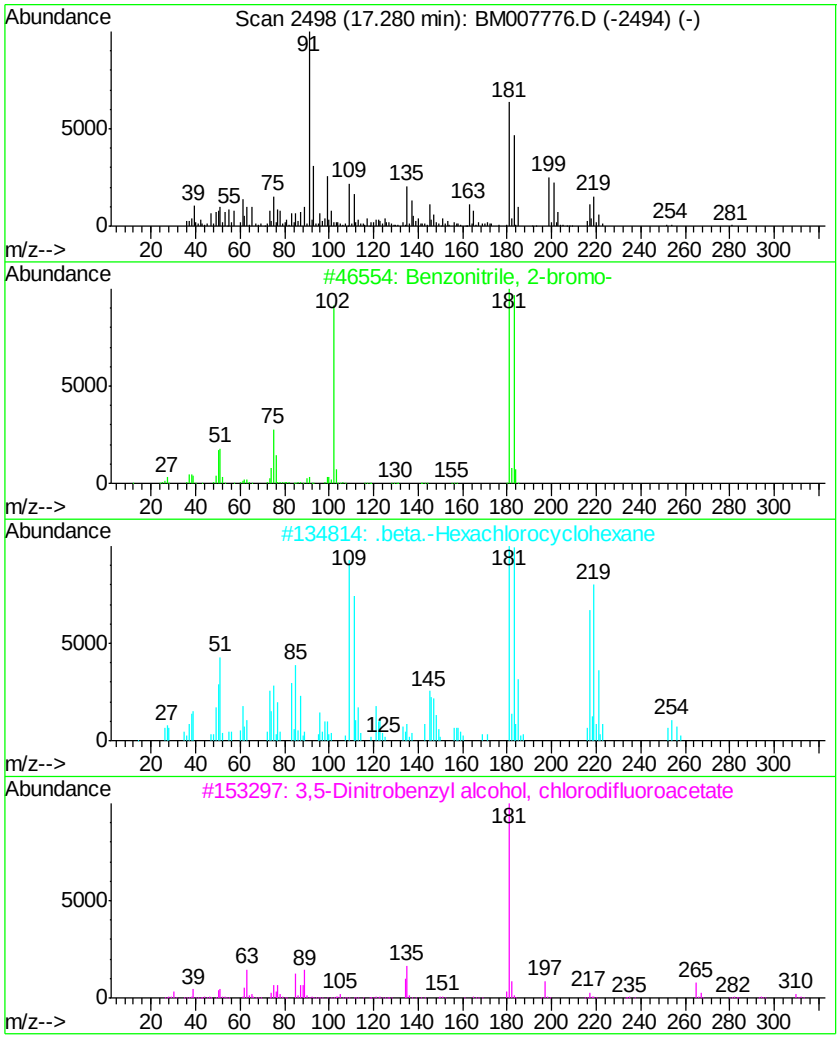
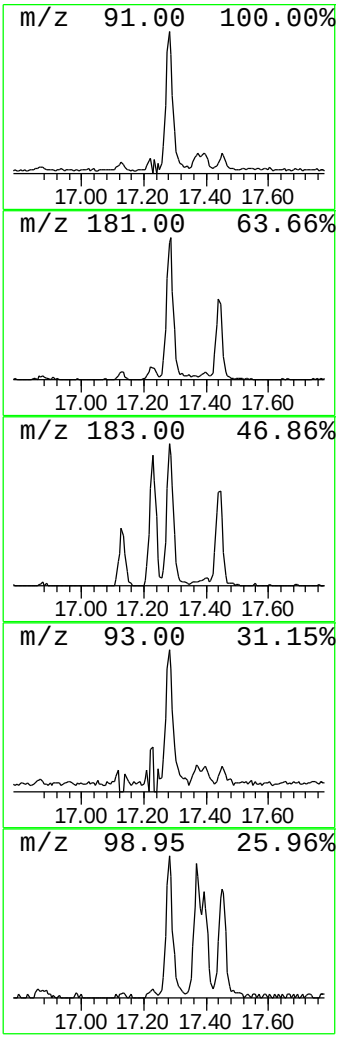
Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	6.58 ng/ul	724386	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-bromo-	181	C7H4BrN	002042-37-7	27
2	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	11
3	3,5-Dinitrobenzyl alcohol, chlor...	310	C9H5ClF2N2O6	1000376-14-3	10
4	7-Methyl-5-methyl(tetramethylene...	238	C14H26OSi	1000245-78-1	10
5	5-Nitro-2,1,3-benzoxadiazole 3-o...	181	C6H3N3O4	003702-88-3	10





Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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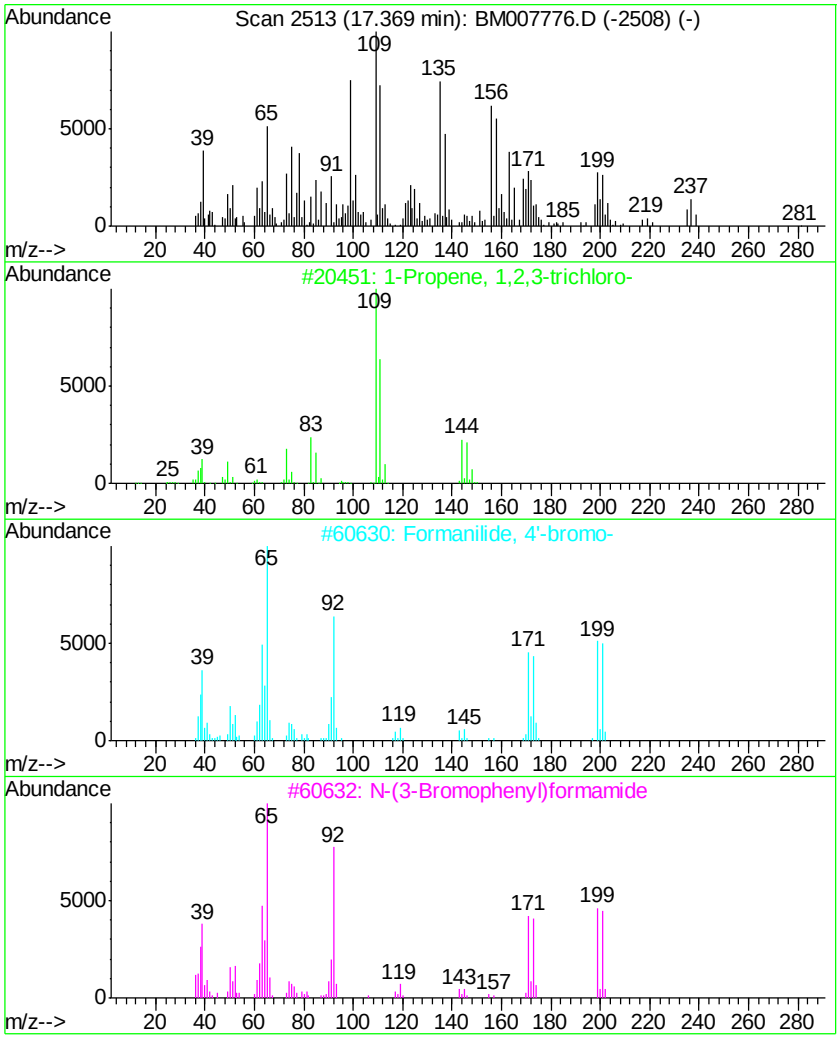
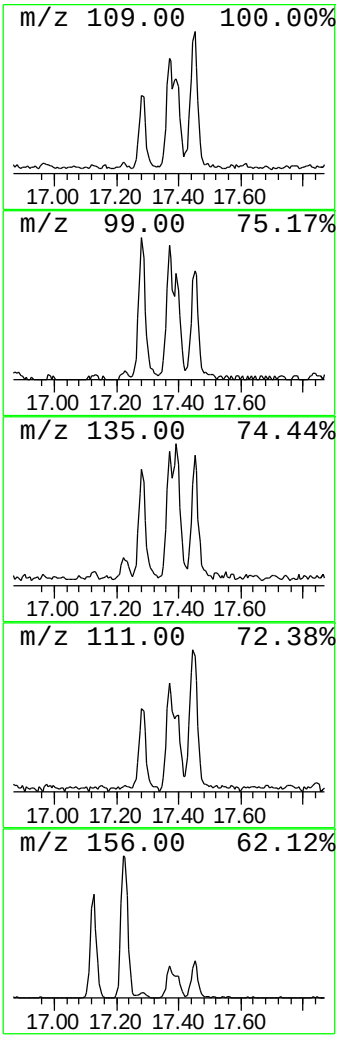
Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	3.75 ng/ul	413387	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1,2,3-trichloro-	144	C3H3Cl3	000096-19-5	25
2	Formanilide, 4'-bromo-	199	C7H6BrNO	002617-78-9	20
3	N-(3-Bromophenyl)formamide	199	C7H6BrNO	037831-25-7	20
4	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	18
5	p-Aminobenzenesulphohydroxamic acid	188	C6H8N2O3S	021307-20-0	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110716\
Data File : BM007776.D
Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

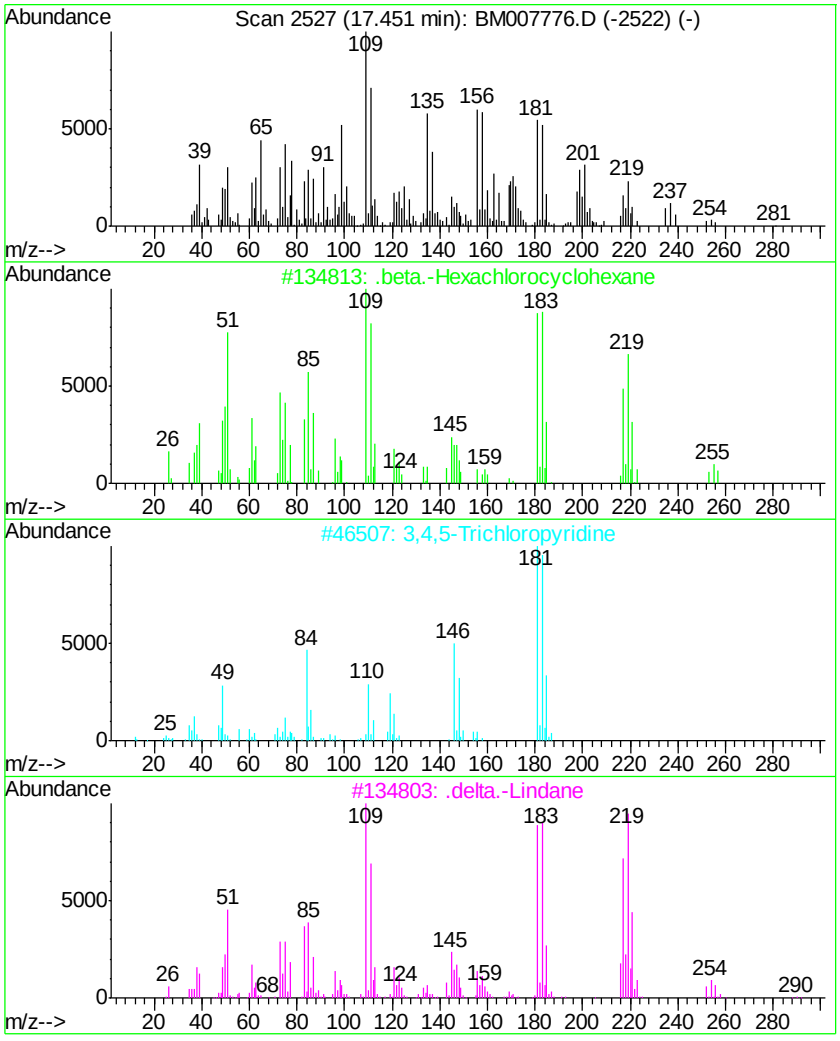
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

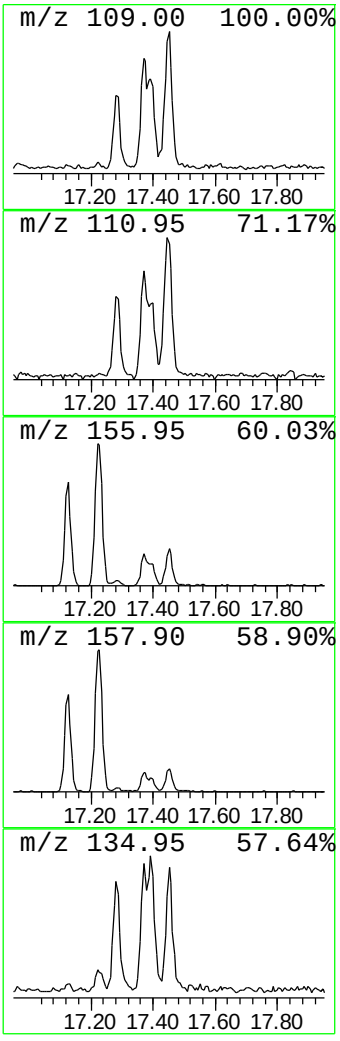
****

Peak Number 5 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	6.23 ng/ul	686516	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	22
2	3,4,5-Trichloropyridine	181	C5H2Cl3N	033216-52-3	14
3	.delta.-Lindane	288	C6H6Cl6	000319-86-8	14
4	p-Aminobenzenesulphohydroxamic acid	188	C6H8N2O3S	021307-20-0	12
5	1H,1H,2H,2H-Perfluorohexan-1-ol	264	C6H5F9O	002043-47-2	12





Library Search Compound Report

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Acq On : 07 Nov 2016 17:58
Operator : UM/SJ
Sample : H5552-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

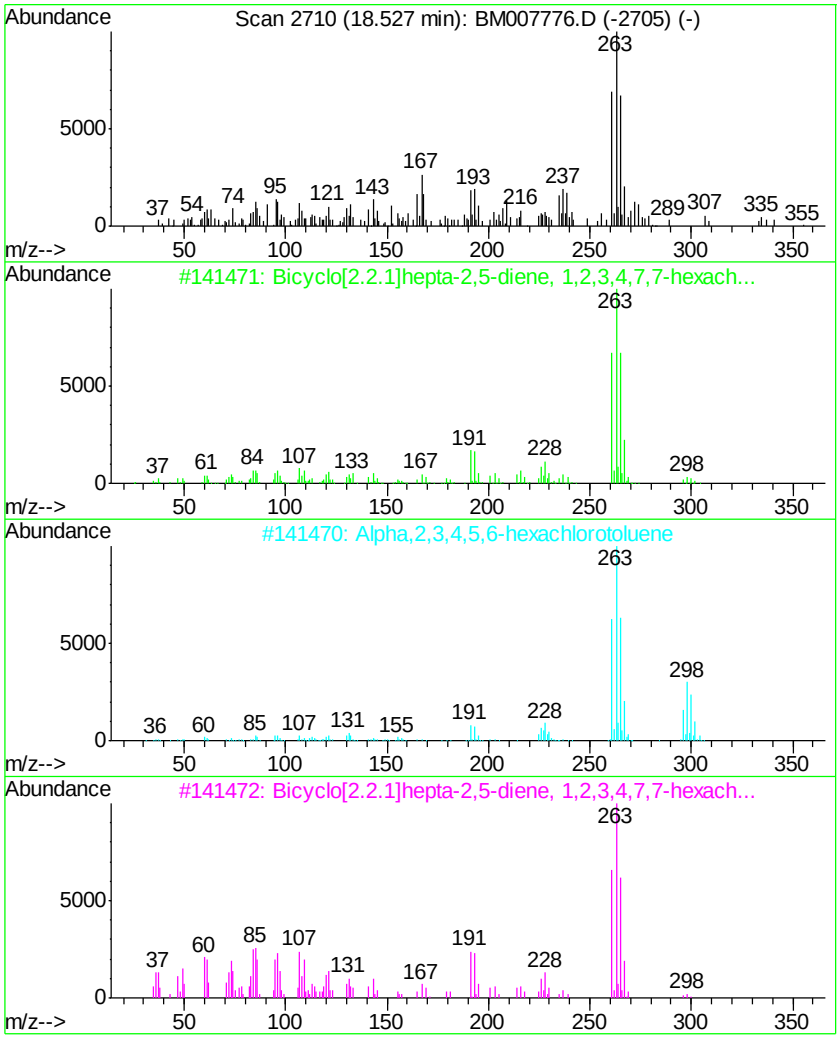
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

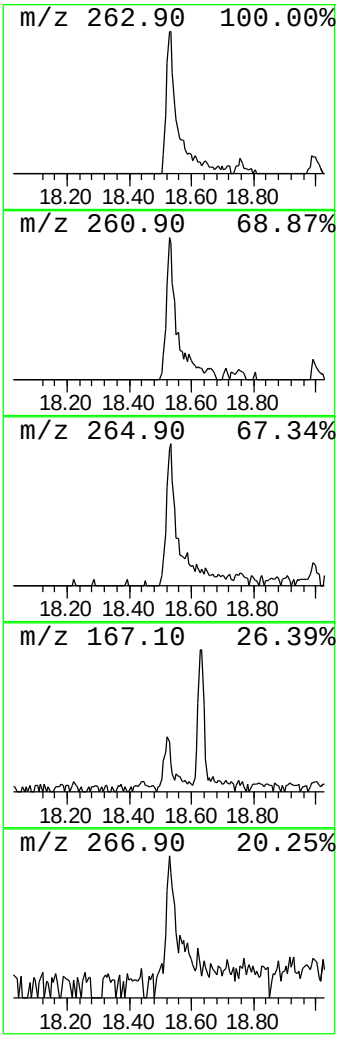
****

Peak Number 6 Bicyclo[2.2.1]hepta-2,5-die... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.46 ng/ul	271209	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	68
2	Alpha,2,3,4,5,6-hexachlorotoluene	296	C7H2Cl6	002136-78-9	62
3	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	58
4	Carbonodithioic acid, S-(4,7-dic...	412	C12H10Cl2N2O2S4	212396-20-8	47
5	2-Methyl-6-phenylimidazo[2,1-b]-...	263	C11H9N3Se	034602-63-6	35





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Lindane	16.73	8.8	ng/ul	971569	4	17.13	2202340	20.0
unknown-01	17.28	6.6	ng/ul	724386	4	17.13	2202340	20.0
unknown-02	17.37	3.8	ng/ul	413387	4	17.13	2202340	20.0
unknown-03	17.45	6.2	ng/ul	686516	4	17.13	2202340	20.0
Bicyclo[2.2.1]hep...	18.53	2.5	ng/ul	271209	4	17.13	2202340	20.0