LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
Data File : BM008746.D
Acq On : 09 Jan 2017 19:49
Operator : UM/SJ
Sample : I1061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

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-BM010617.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	2.928	52	58	81	rVB2	71982155	125207901	100.00%	58.354%
2	8.651	1024	1031	1039	rBV	828213	1333518	1.07%	0.621%
3	10.375	1317	1324	1327	rBV	899017	1738477	1.39%	0.810%
4	10.898	1406	1413	1420	rBV	755891	1332392	1.06%	0.621%
5	11.086	1439	1445	1452	rBV2	883466	1428753	1.14%	0.666%
6	12.921	1743	1757	1778	rBV	719665	4219499	3.37%	1.967%
7	13.998	1933	1940	1949	rVB	1581301	2250338	1.80%	1.049%
8	14.163	1960	1968	1981	rVB	1020160	1389242	1.11%	0.647%
9	14.280	1981	1988	1996	rVB	1665425	2486620	1.99%	1.159%
10	14.586	2034	2040	2046	rBV	1109171	1628790	1.30%	0.759%
11	14.651	2046	2051	2058	rVB	1074770	1531155	1.22%	0.714%
12	14.768	2064	2071	2081	rBV	927199	1363204	1.09%	0.635%
13	14.945	2095	2101	2108	rVB	1033817	1403800	1.12%	0.654%
14	15.404	2172	2179	2184	rVB	1350013	1775542	1.42%	0.827%
15	15.580	2200	2209	2214	rBV	2125999	3072057	2.45%	1.432%
16	15.633	2214	2218	2223	rVV	1263128	1729591	1.38%	0.806%
17	16.627	2380	2387	2395	rVB	1337309	1889908	1.51%	0.881%
18	16.974	2439	2446	2454	rBV	1842064	2600676	2.08%	1.212%
19	17.080	2457	2464	2470	rVV	2280894	3220386	2.57%	1.501%
20	17.327	2500	2506	2513	rBV2	1498024	2183501	1.74%	1.018%
21	17.427	2517	2523	2527	rVV2	2531901	3882292	3.10%	1.809%
22	17.462	2527	2529	2543	rVB	1356255	1617796	1.29%	0.754%
23	19.715	2906	2912	2914	rBV	3080205	4406672	3.52%	2.054%
24	19.739	2914	2916	2923	rVB	1931996	2474672	1.98%	1.153%
25	20.633	3063	3068	3073	rBV	3694239	4187927	3.34%	1.952%
26	21.397	3194	3198	3203	rBV	3644011	3761296	3.00%	1.753%
27	21.486	3207	3213	3218	rVV2	2760482	5722749	4.57%	2.667%
28	21.533	3218	3221	3226	rVB	2330194	2742717	2.19%	1.278%
29	23.138	3488	3494	3499	rBV	2478829	4484026	3.58%	2.090%
30	23.186	3499	3502	3511	rVB	1556560	2392668	1.91%	1.115%
31	23.709	3584	3591	3595	rBV2	2028665	4217480	3.37%	1.966%
32	23.756	3595	3599	3607	rVB	1225679	2297474	1.83%	1.071%
33	23.856	3610	3616	3623	rVB	1288059	2541180	2.03%	1.184%
34	26.285	4020	4029	4040	rVB2	1991553	6053490	4.83%	2.821%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

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-BM010617.M
Title : SVOA CALIBRATION

Sum of corrected areas: 214567789

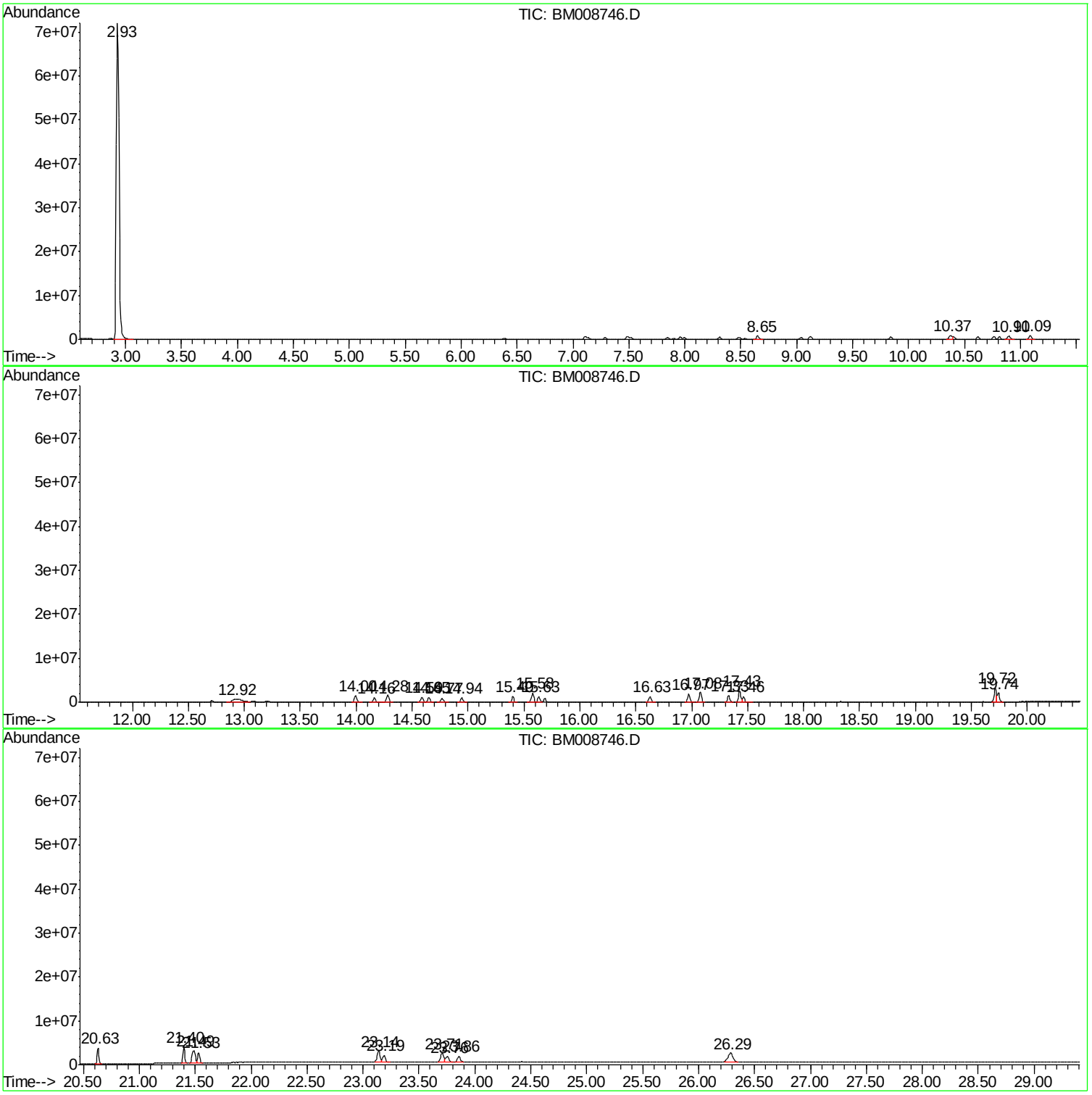
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
Data File : BM008746.D
Acq On : 09 Jan 2017 19:49
Operator : UM/SJ
Sample : I1061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
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Operator : UM/SJ
Sample : I1061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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

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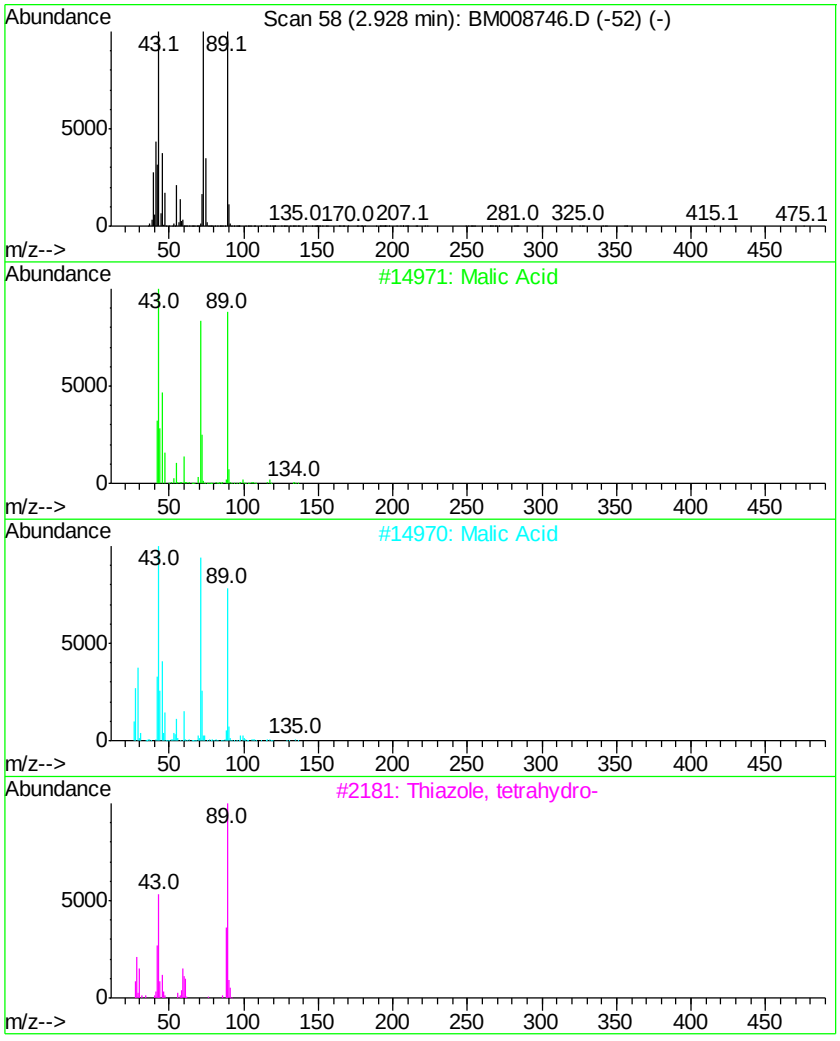
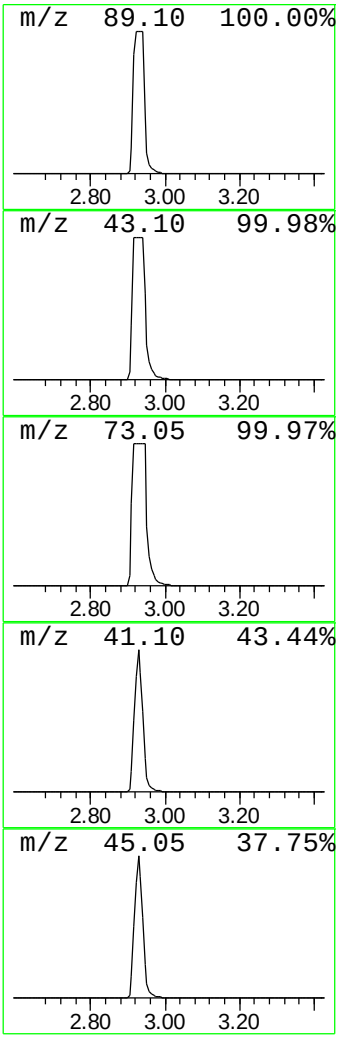
Peak Number 1 Malic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	1877.86 ng/ul	125208000	1,4-Dichlorobenzene-d4	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Malic Acid	134	C4H6O5	006915-15-7	56
2	Malic Acid	134	C4H6O5	006915-15-7	56
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9
5	Thiopropionamide	89	C3H7NS	000631-58-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
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Operator : UM/SJ
Sample : I1061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

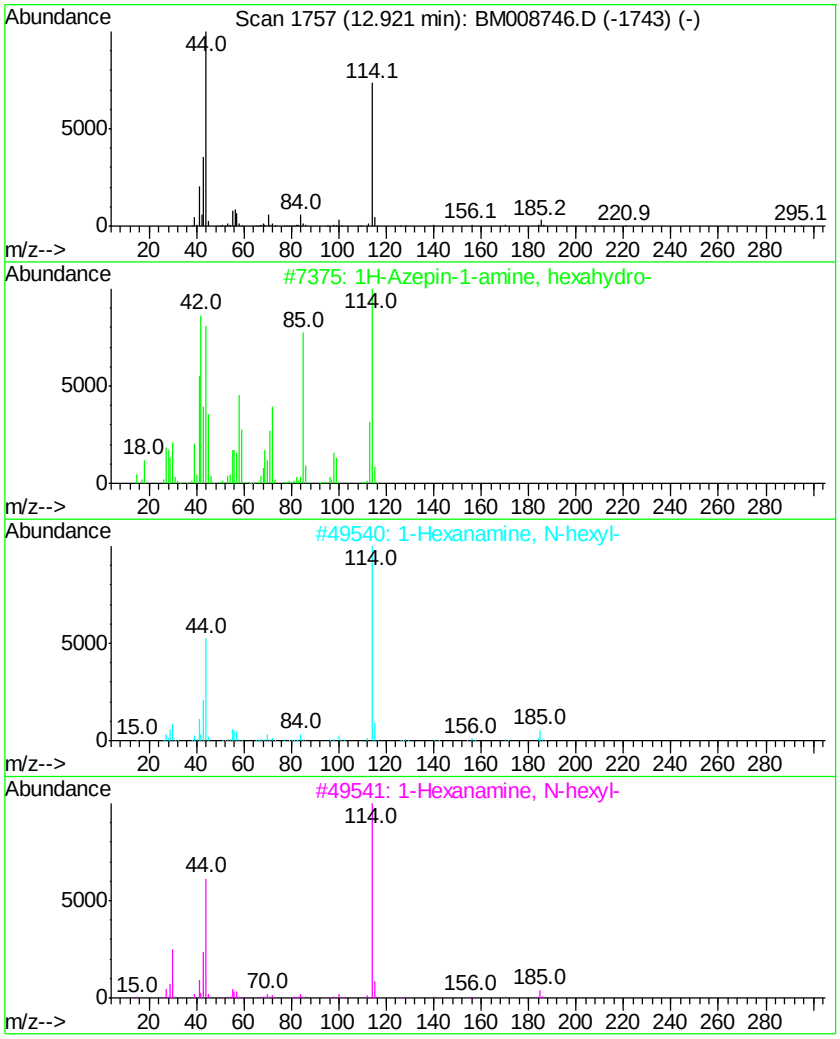
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

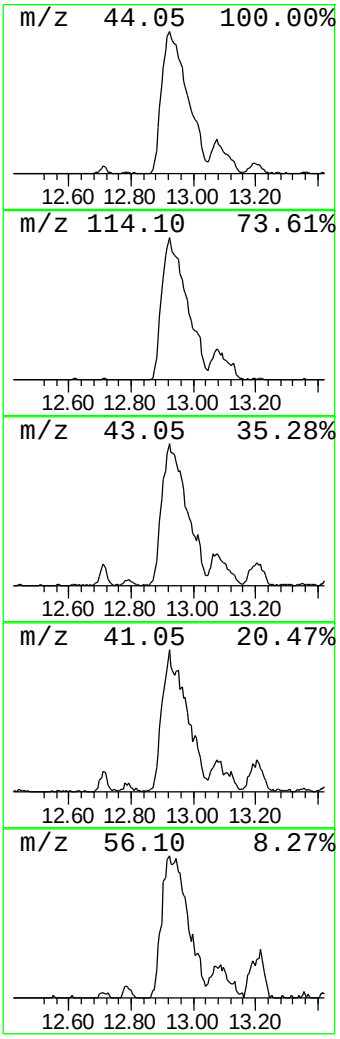
****

Peak Number 2 1H-Azepin-1-amine, hexahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	51.81 ng/ul	4219500	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Azepin-1-amine, hexahydro-	114	C6H14N2	005906-35-4	56
2	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	52
3	1-Hexanamine, N-hexyl-	185	C12H27N	000143-16-8	52
4	1-Pentanamine, 4-methyl-N-(4-met...	185	C12H27N	054775-00-7	38
5	Propanamide, N-(4-bromo-3-methyl...	326	C14H19BrN2O2	284679-67-0	38





Library Search Compound Report

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Data File : BM008746.D
Acq On : 09 Jan 2017 19:49
Operator : UM/SJ
Sample : I1061-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA960

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

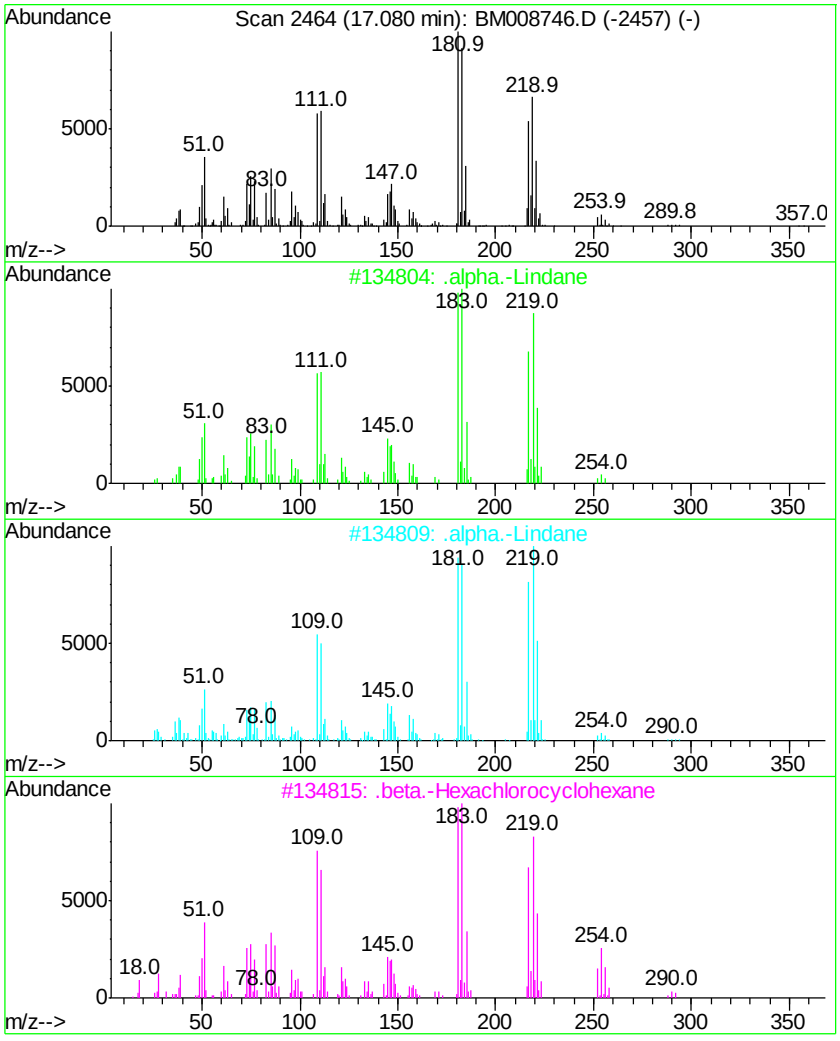
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

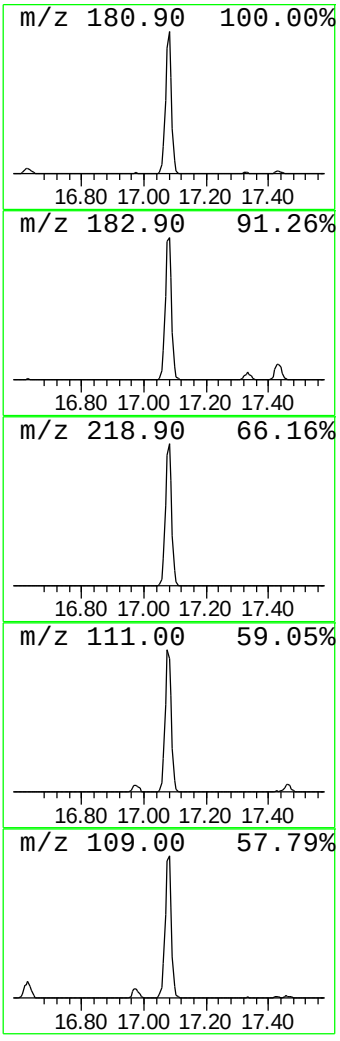
****

Peak Number 3 .alpha.-Lindane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	29.50 ng/ul	3220390	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	95
2	.alpha.-Lindane	288	C6H6Cl6	000319-84-6	95
3	.beta.-Hexachlorocyclohexane	288	C6H6Cl6	000319-85-7	94
4	Lindane	288	C6H6Cl6	000058-89-9	91
5	Lindane	288	C6H6Cl6	000058-89-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011017\
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Operator : UM/SJ
Sample : I1061-01
Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
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
Malic Acid	2.93	1877.9	ng/ul	125208000	1	7.96	1333520	20.0
1H-Azepin-1-amine...	12.92	51.8	ng/ul	4219500	3	14.59	1628790	20.0
.alpha.-Lindane	17.08	29.5	ng/ul	3220390	4	17.33	2183500	20.0