LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012074.D
Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

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\SOM-EPA-BM100317.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	6.998	658	665	679	rBV	832149	1540014	4.41%	1.578%
2	7.163	687	693	704	rBV	718878	1141788	3.27%	1.170%
3	7.363	721	727	738	rBV	989575	1618061	4.63%	1.658%
4	7.834	798	807	822	rBV	780912	1362176	3.90%	1.396%
5	8.539	921	927	943	rBV	1070765	1911292	5.47%	1.959%
6	9.004	998	1006	1017	rBV	890755	1573177	4.50%	1.612%
7	9.669	1110	1119	1123	rBV	218023	396898	1.14%	0.407%
8	9.722	1123	1128	1151	rVB	776240	1460360	4.18%	1.497%
9	10.257	1212	1219	1232	rBV	1100783	2061104	5.90%	2.113%
10	10.639	1276	1284	1292	rBV	1121952	1922671	5.51%	1.971%
11	10.780	1301	1308	1323	rBV	945957	1771019	5.07%	1.815%
12	11.480	1414	1427	1442	rBV	17849734	34923068	100.00%	35.795%
13	13.892	1827	1837	1841	rBV	2183898	3002973	8.60%	3.078%
14	13.939	1841	1845	1853	rVB	947177	1317663	3.77%	1.351%
15	14.180	1879	1886	1897	rBV	2396176	3598818	10.30%	3.689%
16	14.486	1931	1938	1953	rVB2	1613341	2464893	7.06%	2.526%
17	14.686	1966	1972	1991	rBV	386611	899981	2.58%	0.922%
18	15.480	2100	2107	2120	rBV	2952623	4429273	12.68%	4.540%
19	15.604	2122	2128	2141	rBV	787203	1195429	3.42%	1.225%
20	17.227	2398	2404	2409	rBV2	1813710	2705309	7.75%	2.773%
21	17.327	2415	2421	2436	rVB2	3030125	4406413	12.62%	4.516%
22	18.109	2548	2554	2565	rBV	546379	889182	2.55%	0.911%
23	19.227	2739	2744	2749	rBV	447166	715574	2.05%	0.733%
24	19.286	2750	2754	2760	rVB	226421	362421	1.04%	0.371%
25	19.386	2765	2771	2783	rVV2	491753	888266	2.54%	0.910%
26	19.539	2793	2797	2803	rVB	440449	593038	1.70%	0.608%
27	19.621	2805	2811	2821	rBV	3637751	5123008	14.67%	5.251%
28	21.097	3058	3062	3067	rBV2	387406	489456	1.40%	0.502%
29	21.403	3109	3114	3119	rBV	2324893	3107742	8.90%	3.185%
30	22.974	3377	3381	3386	rBV	937600	1264387	3.62%	1.296%
31	23.574	3476	3483	3499	rVB2	2491515	5210203	14.92%	5.340%
32	23.721	3502	3508	3526	rVB2	1518339	3219618	9.22%	3.300%

LSC Area Percent Report

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Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

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\SOM-EPA-BM100317.M
Title : SVOA CALIBRATION

Sum of corrected areas: 97565275

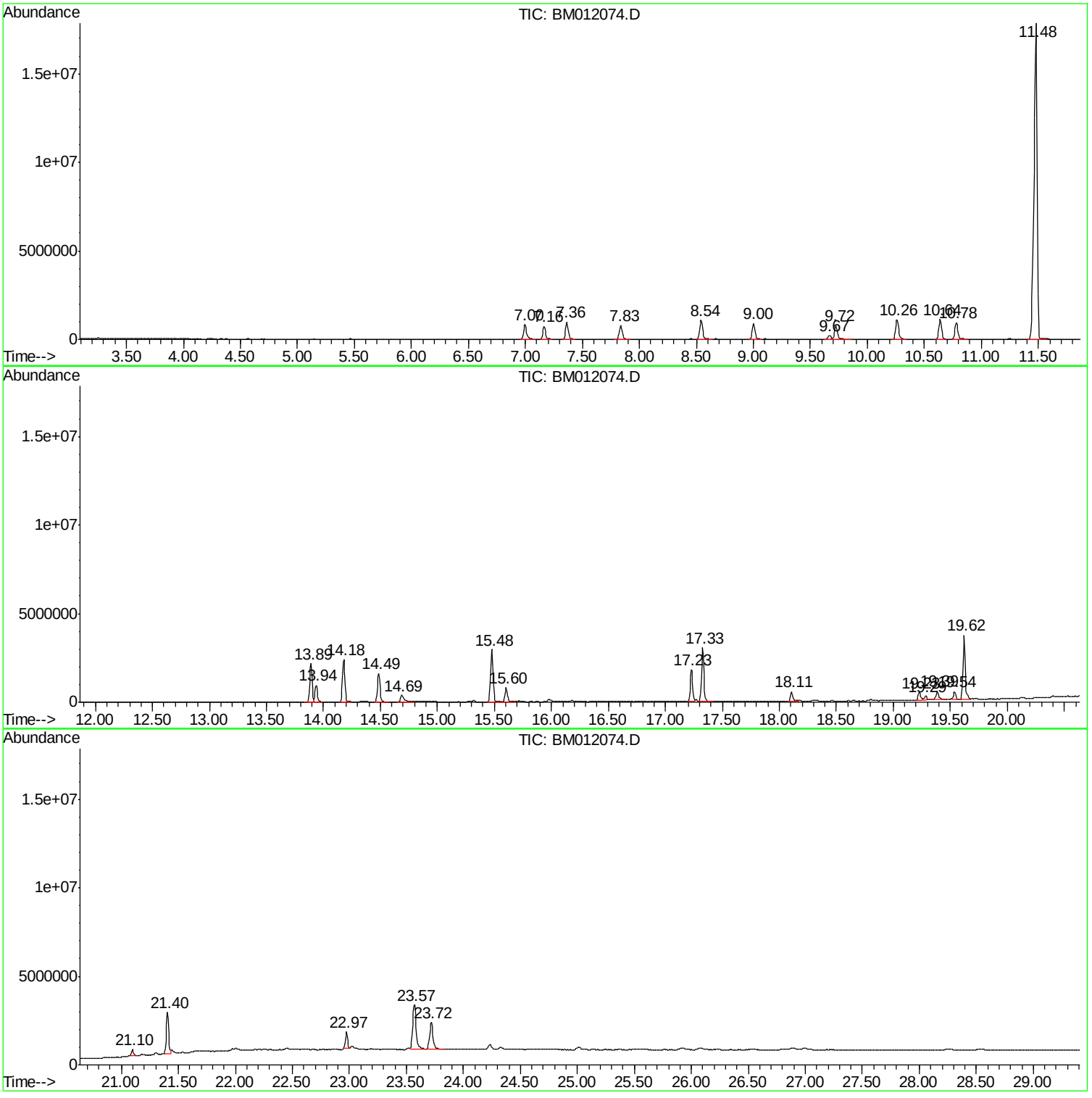
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012074.D
Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
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Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

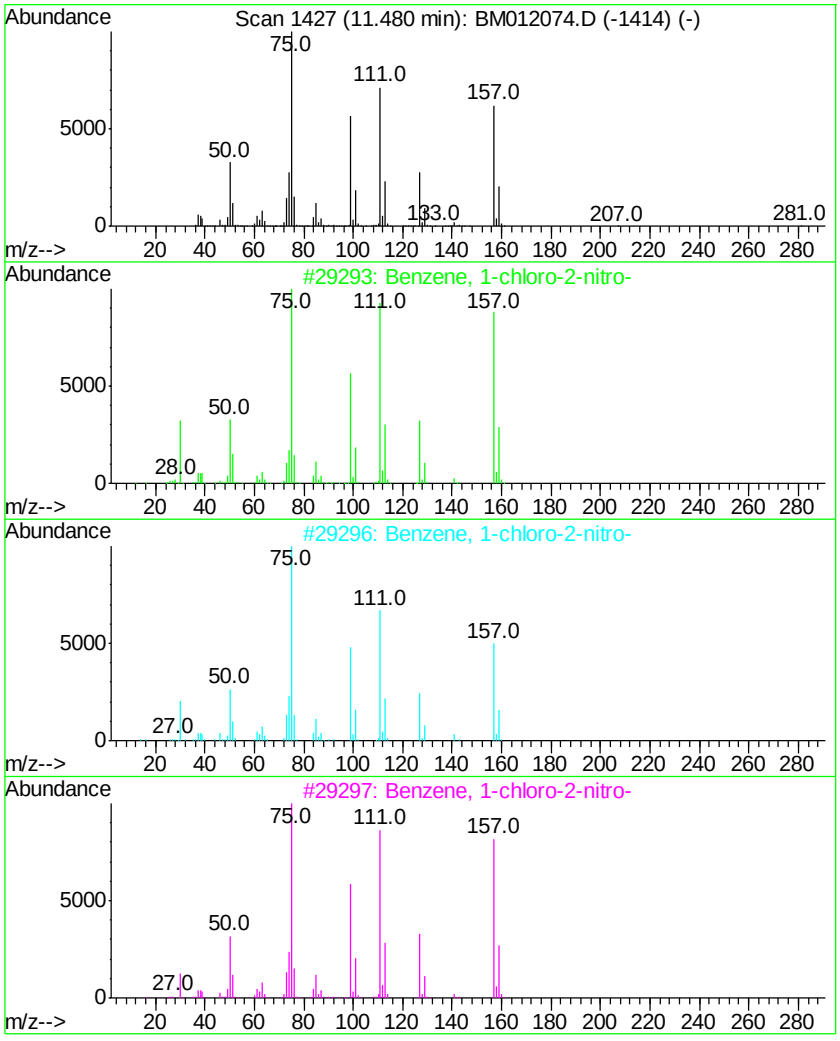
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

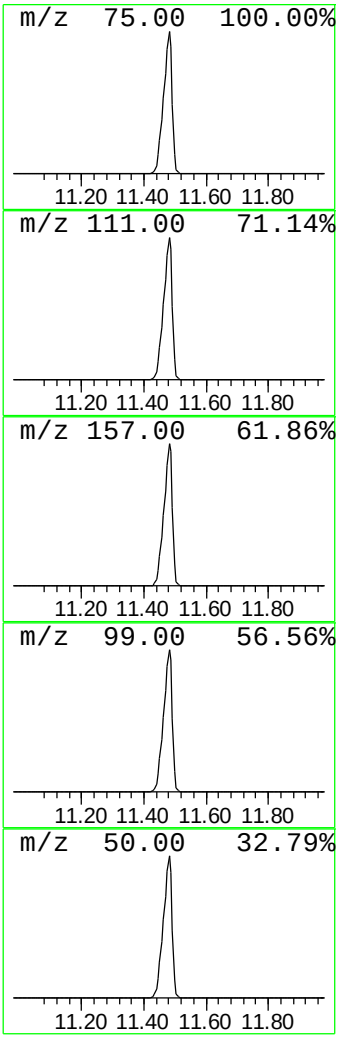
****

Peak Number 2 Benzene, 1-chloro-2-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	363.28 ng/ul	34923100	Naphthalene-d8	10.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012074.D
Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

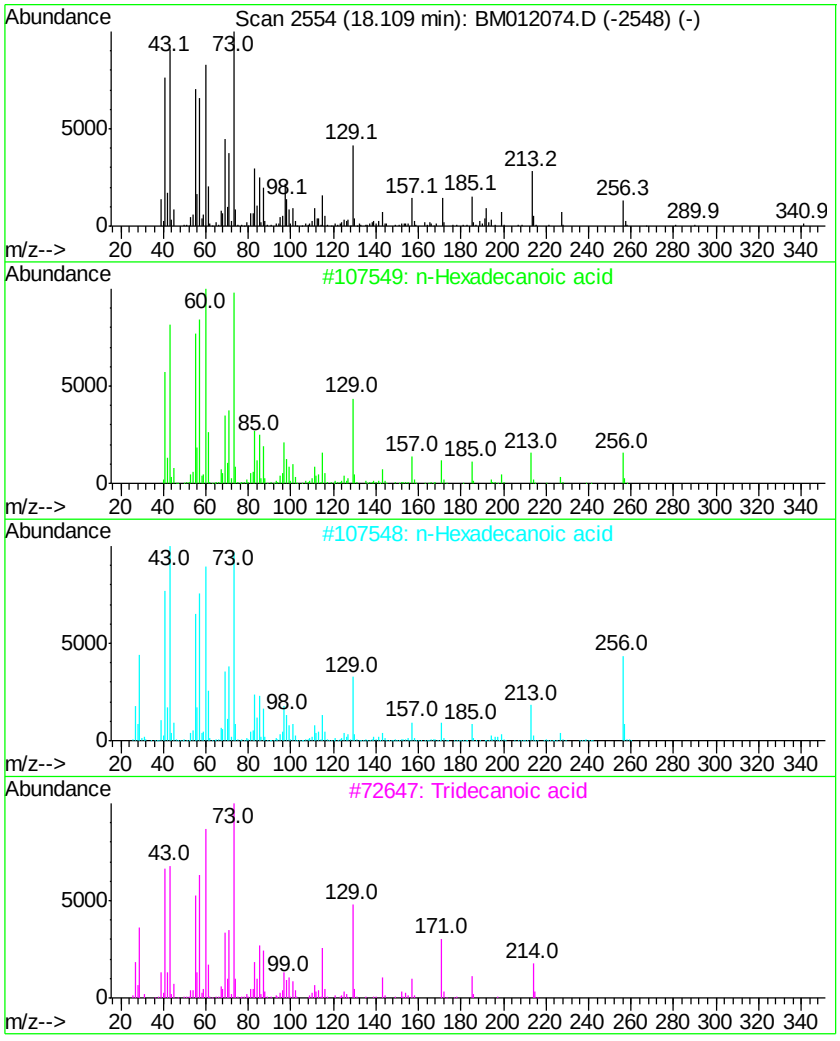
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

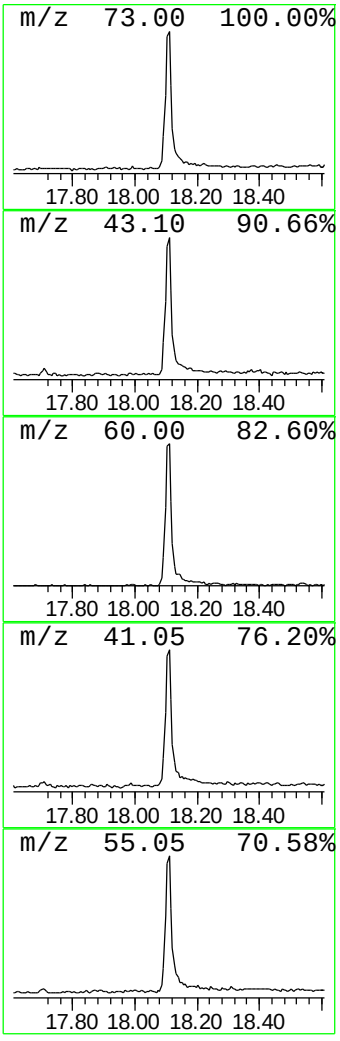
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	6.57 ng/ul	889182	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012074.D
Acq On : 11 Oct 2017 17:54
Operator : SJ/JU
Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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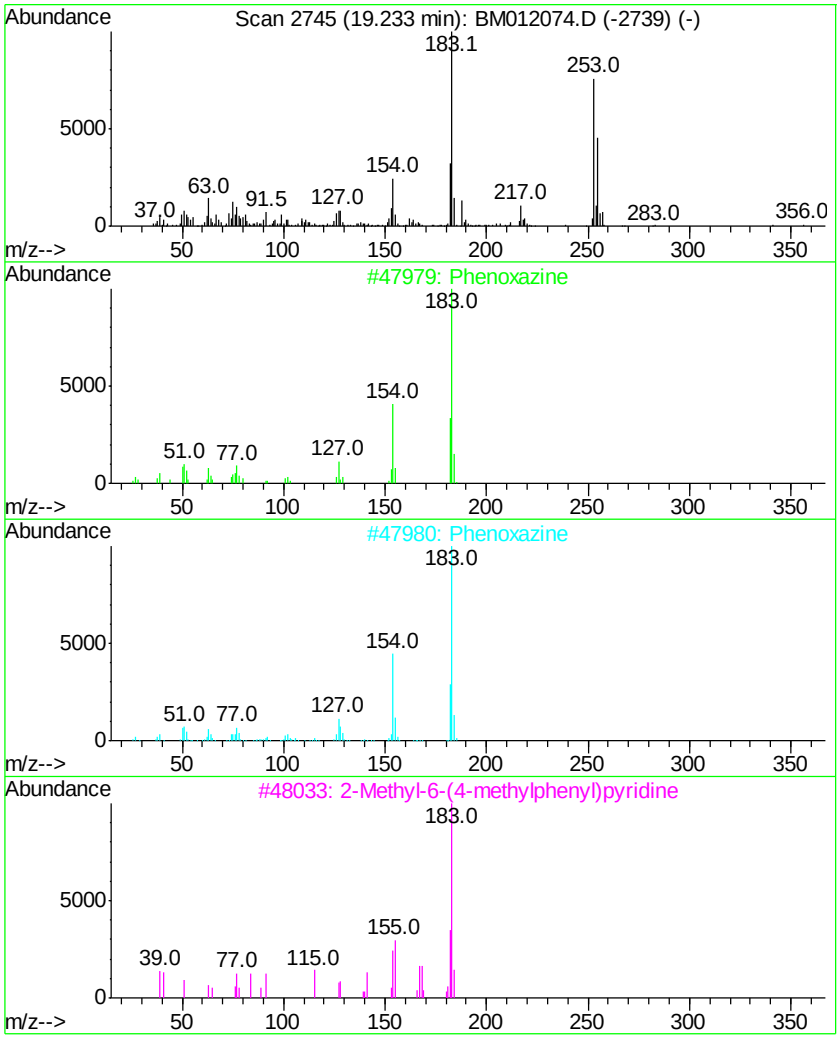
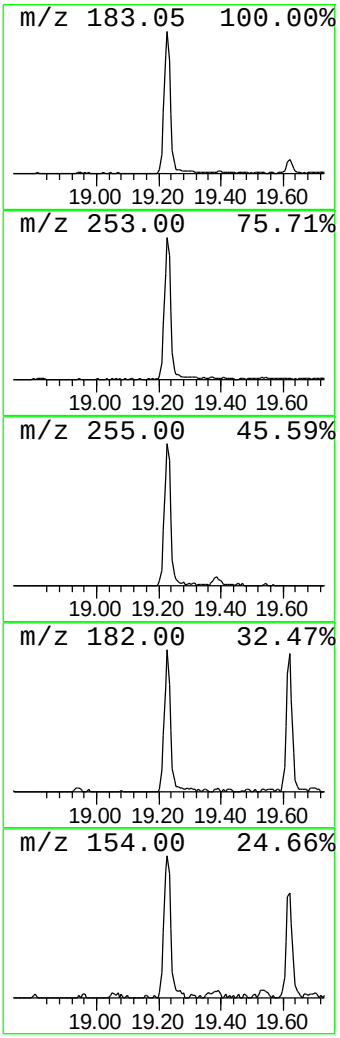
Peak Number 4 Phenoxazine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	5.29 ng/ul	715574	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenoxazine	183	C12H9NO	000135-67-1	64
2	Phenoxazine	183	C12H9NO	000135-67-1	49
3	2-Methyl-6-(4-methylphenyl)pyridine	183	C13H13N	101893-57-6	49
4	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	46
5	Phenoxazine	183	C12H9NO	000135-67-1	43





Library Search Compound Report

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Sample : I5490-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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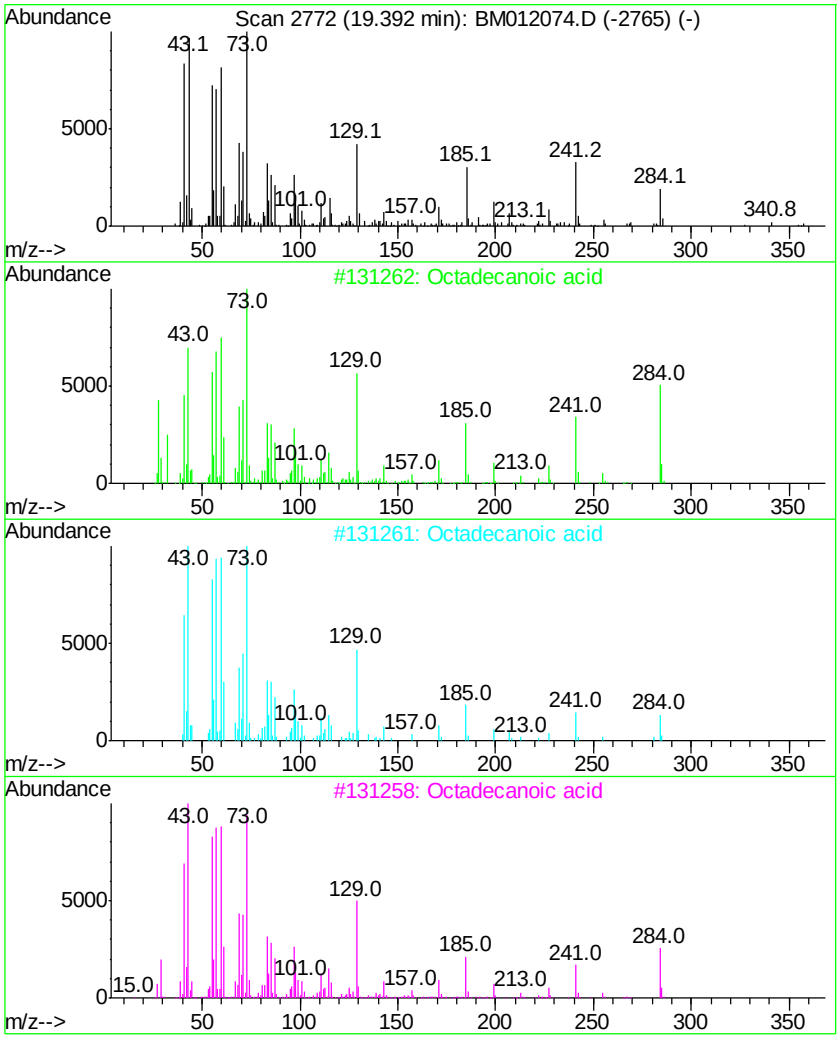
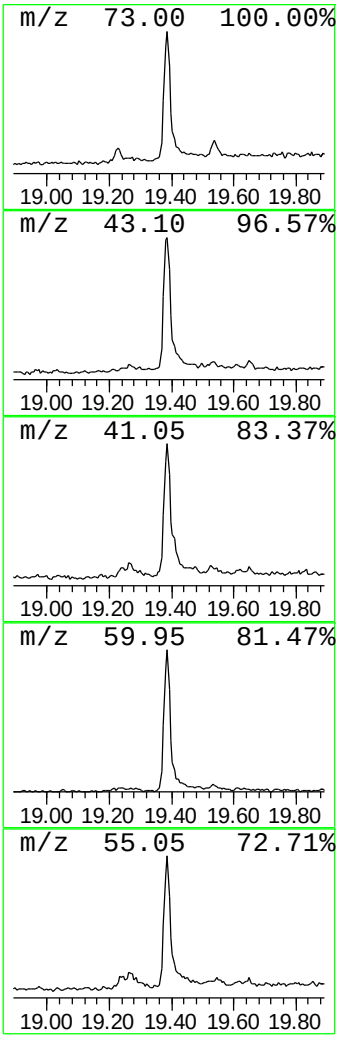
Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	5.72 ng/ul	888266	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

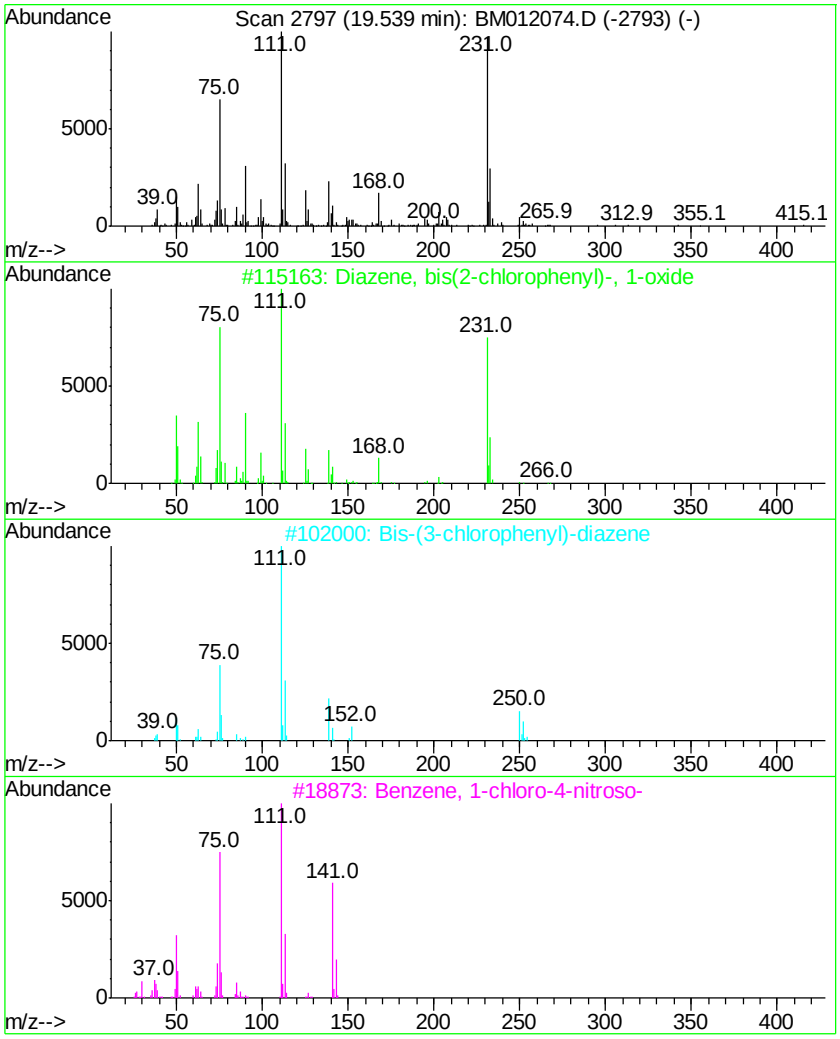
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

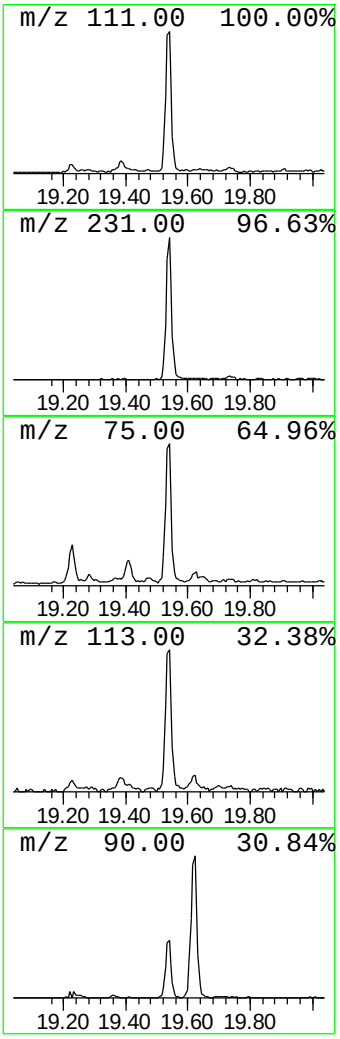
****

Peak Number 6 Diazene, bis(2-chlorophenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.82 ng/ul	593038	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diazene, bis(2-chlorophenyl)-, 1...	266	C12H8Cl2N2O	013556-84-8	91
2	Bis-(3-chlorophenyl)-diazene	250	C12H8Cl2N2	015426-14-9	49
3	Benzene, 1-chloro-4-nitroso-	141	C6H4ClNO	000932-98-9	46
4	Bis-(4-chloro-phenyl)-diazene	250	C12H8Cl2N2	1000192-28-4	45
5	Triazene, 1-(p-fluorophenyl)-1-c...	288	C14H10ClFN4	1000274-66-3	27





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Misc :
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Instrument : BNA_M
ClientSampleId : B-40(5-7)-092717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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

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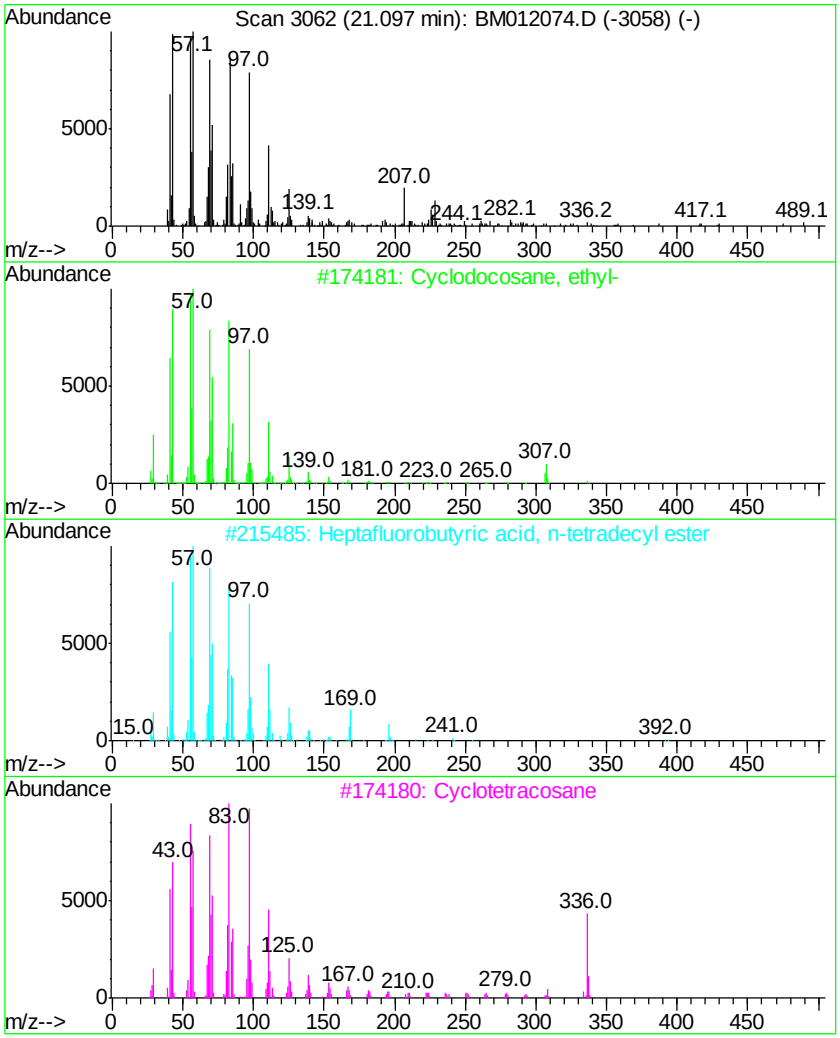
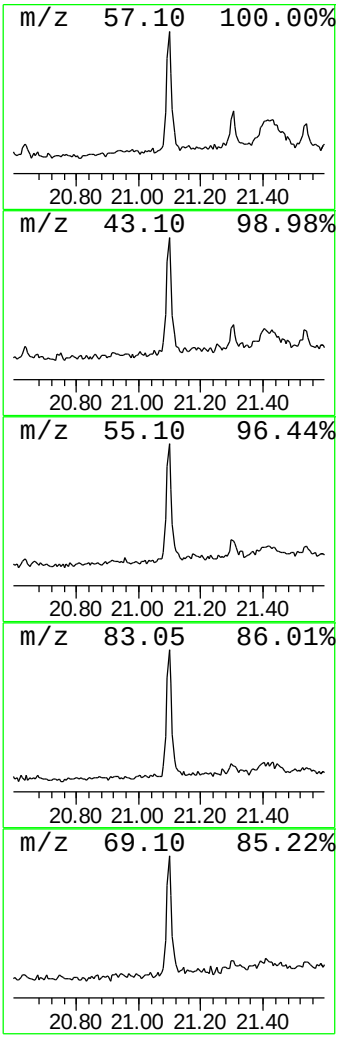
Peak Number 7 (DEL) Alkane: Cyclic21.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.15 ng/ul	489456	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.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
Benzene, 1-chloro...	11.48	363.3	ng/ul	34923100	2	10.64	1922670	20.0
n-Hexadecanoic acid	18.11	6.6	ng/ul	889182	4	17.23	2705310	20.0
Phenoxazine	19.23	5.3	ng/ul	715574	4	17.23	2705310	20.0
Octadecanoic acid	19.39	5.7	ng/ul	888266	5	21.40	3107740	20.0
Diazene, bis(2-ch...	19.54	3.8	ng/ul	593038	5	21.40	3107740	20.0
(DEL) Alkane: Cyc...	21.10	3.1	ng/ul	489456	5	21.40	3107740	20.0