LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
Data File : BM014546.D
Acq On : 13 Mar 2018 14:27
Operator : SJ/JU
Sample : J1813-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F35

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-BM021418.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	6.687	640	646	662	rBV	196622	468063	22.43%	2.003%
2	6.828	665	670	681	rVV	182772	303758	14.56%	1.300%
3	7.016	696	702	714	rBV	270991	481656	23.08%	2.061%
4	7.475	774	780	789	rBV	265066	459014	22.00%	1.964%
5	8.210	897	905	918	rBV2	254261	527428	25.28%	2.257%
6	8.640	970	978	991	rBV2	277956	547778	26.25%	2.344%
7	9.357	1093	1100	1112	rBV2	256767	520727	24.95%	2.228%
8	9.904	1185	1193	1207	rBV2	278021	674241	32.31%	2.885%
9	10.240	1243	1250	1260	rBV	394212	693223	33.22%	2.966%
10	10.416	1273	1280	1296	rBV2	203348	550009	26.36%	2.353%
11	13.563	1809	1815	1820	rBV	714839	1070512	51.30%	4.580%
12	13.616	1820	1824	1835	rVB	129377	224749	10.77%	0.962%
13	13.828	1853	1860	1867	rBV	807384	1221732	58.55%	5.227%
14	14.033	1891	1895	1904	rBV5	29413	57142	2.74%	0.244%
15	14.139	1906	1913	1922	rVB2	603807	951283	45.59%	4.070%
16	14.451	1958	1966	1986	rBV3	156546	578405	27.72%	2.475%
17	14.998	2055	2059	2064	rBV3	44549	53511	2.56%	0.229%
18	15.145	2077	2084	2094	rBV	967372	1476292	70.75%	6.316%
19	15.327	2110	2115	2122	rBV2	262277	467245	22.39%	1.999%
20	15.863	2203	2206	2212	rBV3	27651	42762	2.05%	0.183%
21	16.816	2363	2368	2375	rVB8	8916	21591	1.03%	0.092%
22	16.904	2377	2383	2388	rBV	860963	1223390	58.63%	5.234%
23	17.004	2394	2400	2412	rVB	1089387	1614387	77.36%	6.907%
24	17.810	2532	2537	2548	rBV2	364938	584733	28.02%	2.502%
25	18.957	2729	2732	2733	rBV3	36464	37702	1.81%	0.161%
26	18.986	2733	2737	2744	rVB2	60329	110692	5.30%	0.474%
27	19.104	2752	2757	2762	rBV3	154507	235730	11.30%	1.009%
28	19.245	2777	2781	2788	rBV	188552	237673	11.39%	1.017%
29	19.315	2788	2793	2805	rVB	1414483	2028087	97.19%	8.677%
30	20.304	2958	2961	2965	rVB3	180487	193090	9.25%	0.826%
31	20.827	3046	3050	3057	rBV	444304	536411	25.71%	2.295%
32	21.121	3095	3100	3112	rBV	1164409	1673620	80.20%	7.160%
33	23.150	3439	3445	3452	rBV2	1146743	2086742	100.00%	8.928%
34	23.286	3462	3468	3477	rVB	739335	1420083	68.05%	6.076%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F6F35

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-BM021418.M
Title : SVOA CALIBRATION

Sum of corrected areas: 23373461

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
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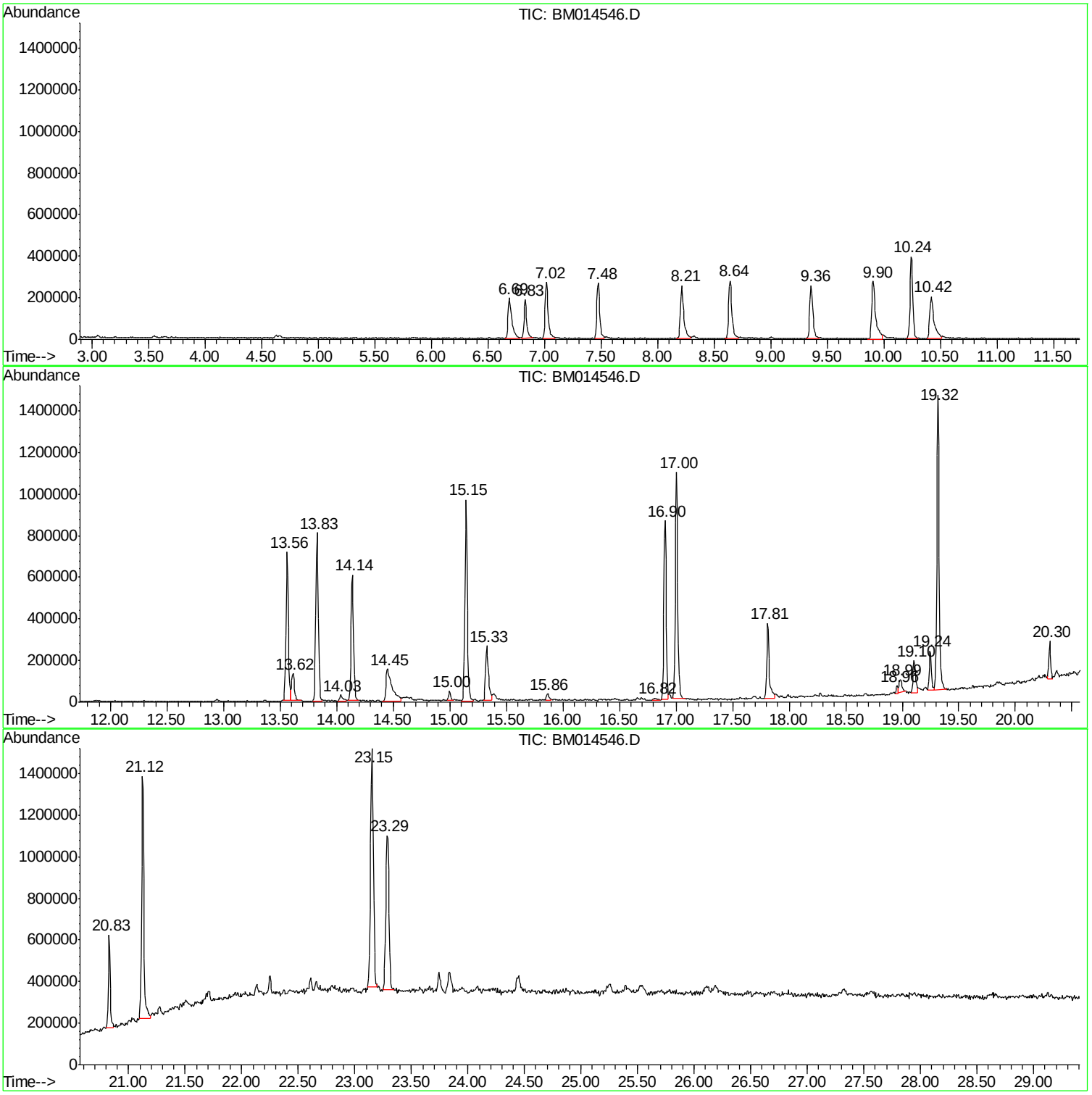
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F35

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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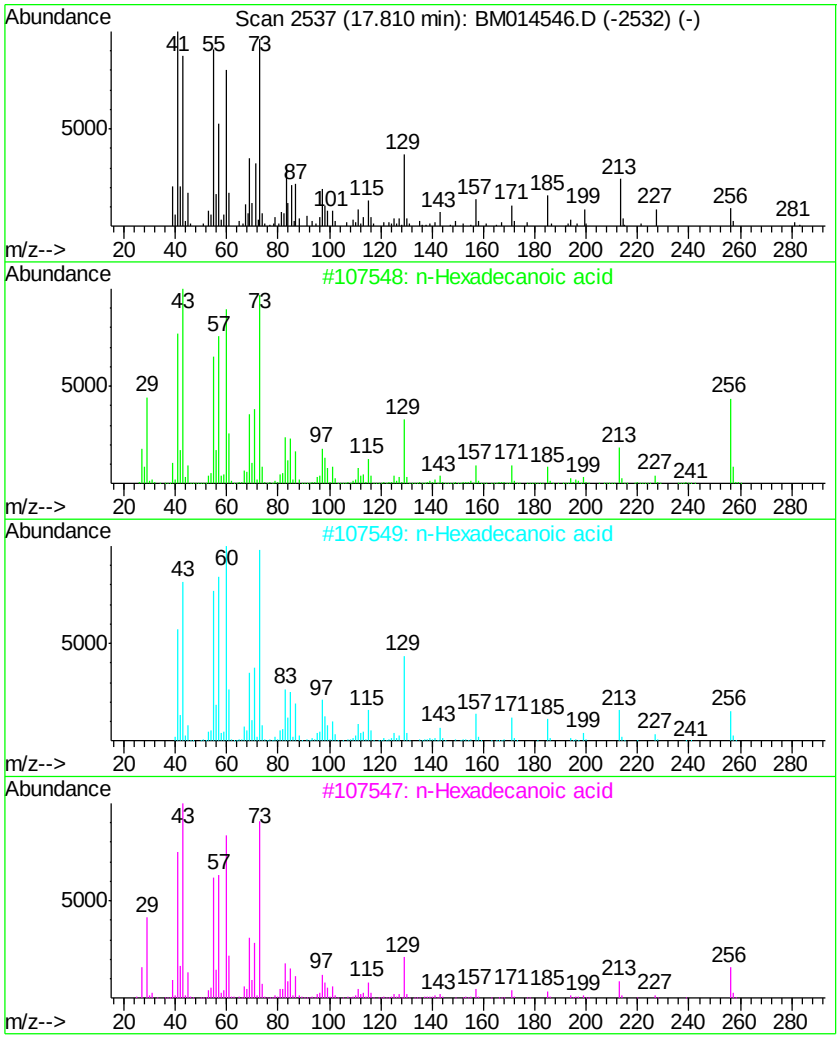
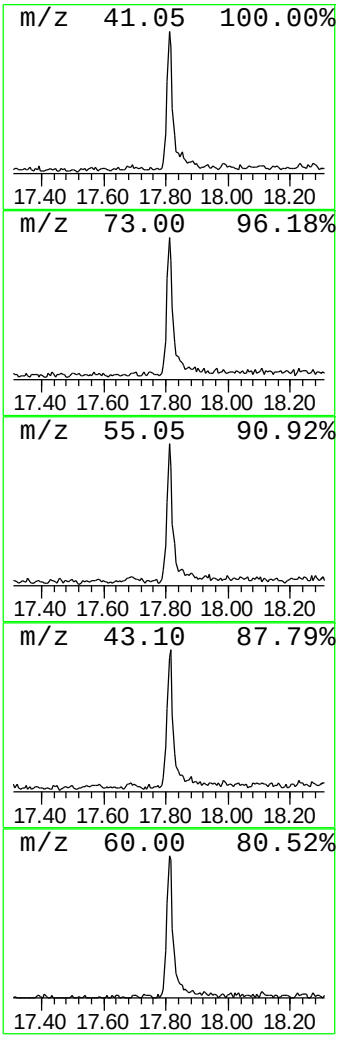
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	9.56 ng/ul	584733	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

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Operator : SJ/JU
Sample : J1813-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F35

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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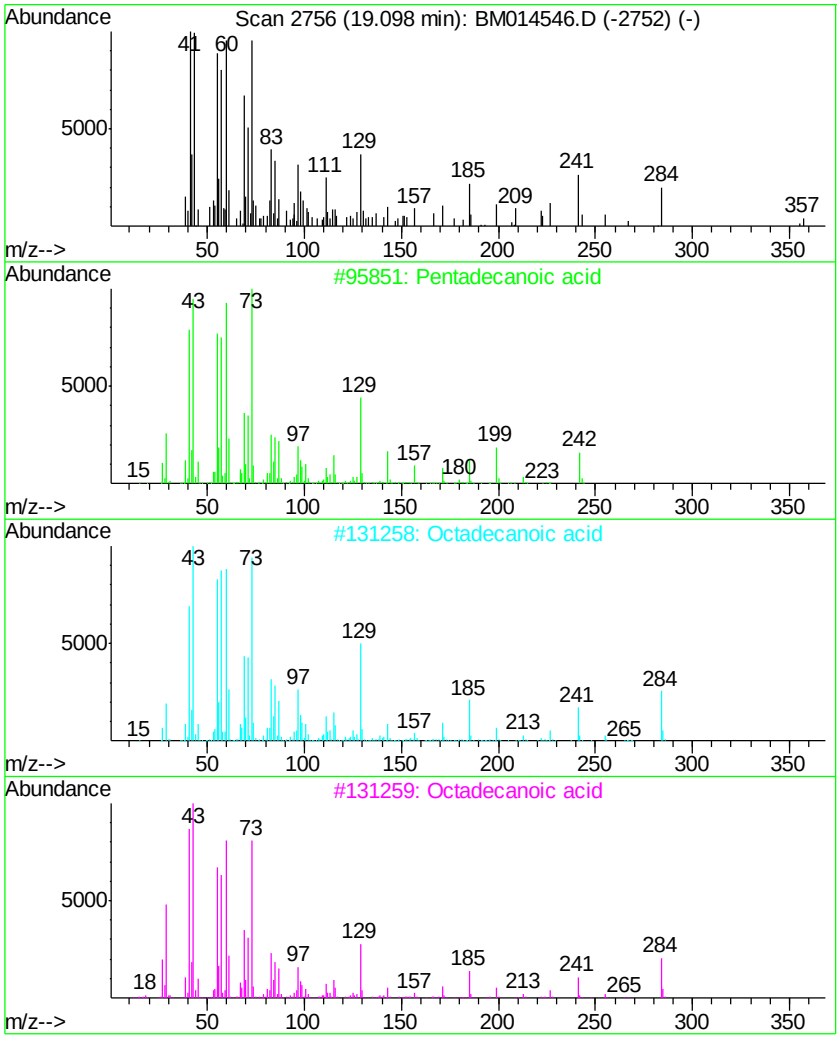
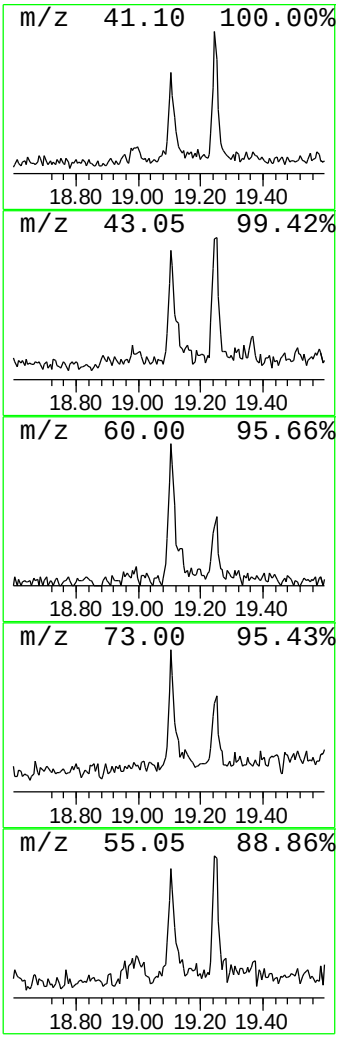
Peak Number 2 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.82 ng/ul	235730	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	92
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	78





Library Search Compound Report

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Sample : J1813-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F35

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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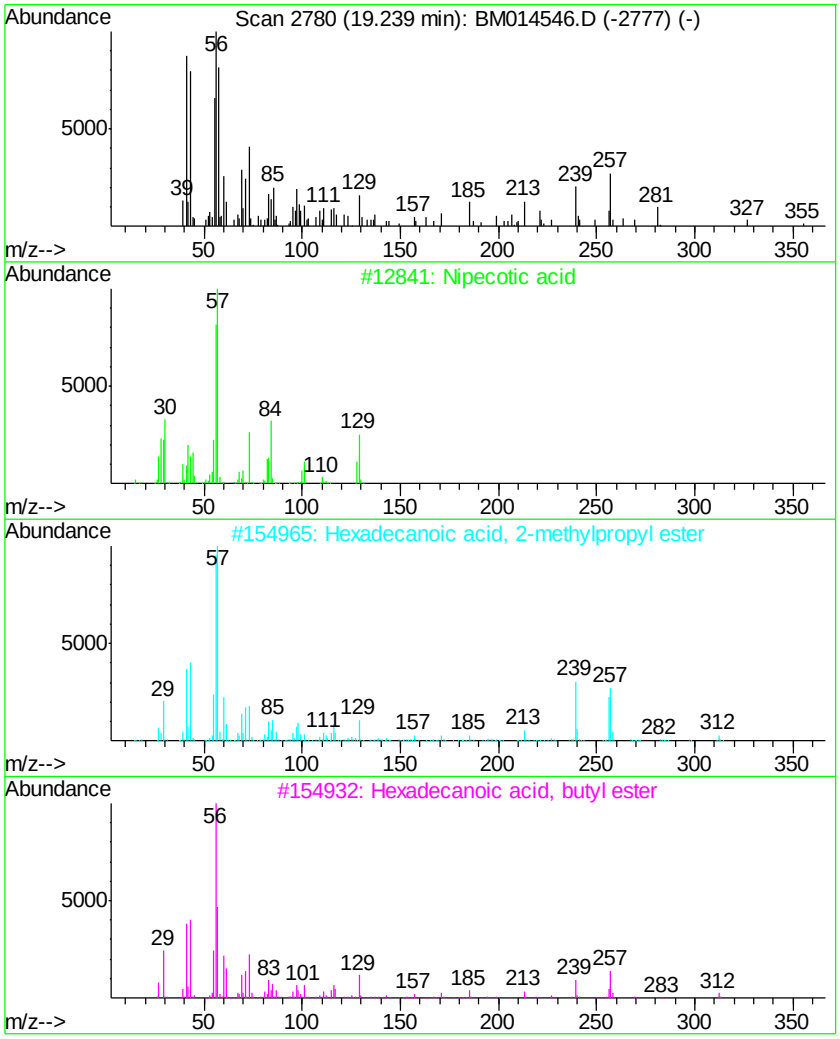
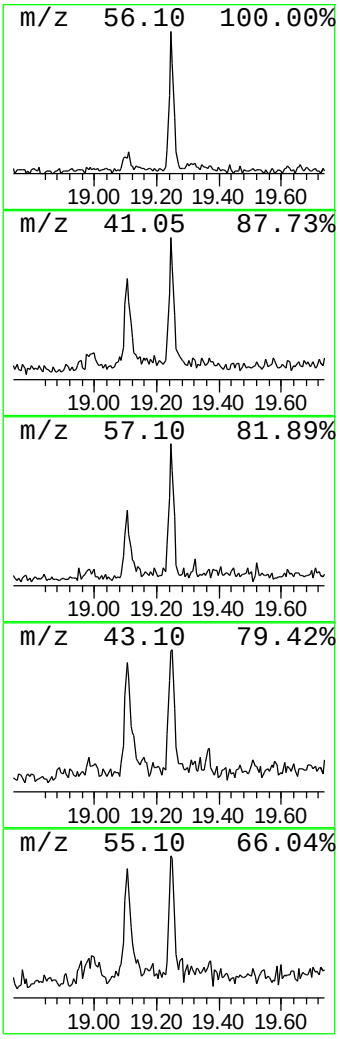
Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	2.84 ng/ul	237673	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nipecotic acid	129	C6H11NO2	000498-95-3	47
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	42
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	38
4	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	38
5	1-(4-Fluorophenyl)-2-(2-(methyls...	252	C12H13FN2OS	1000298-21-6	38





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Sample : J1813-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6F35

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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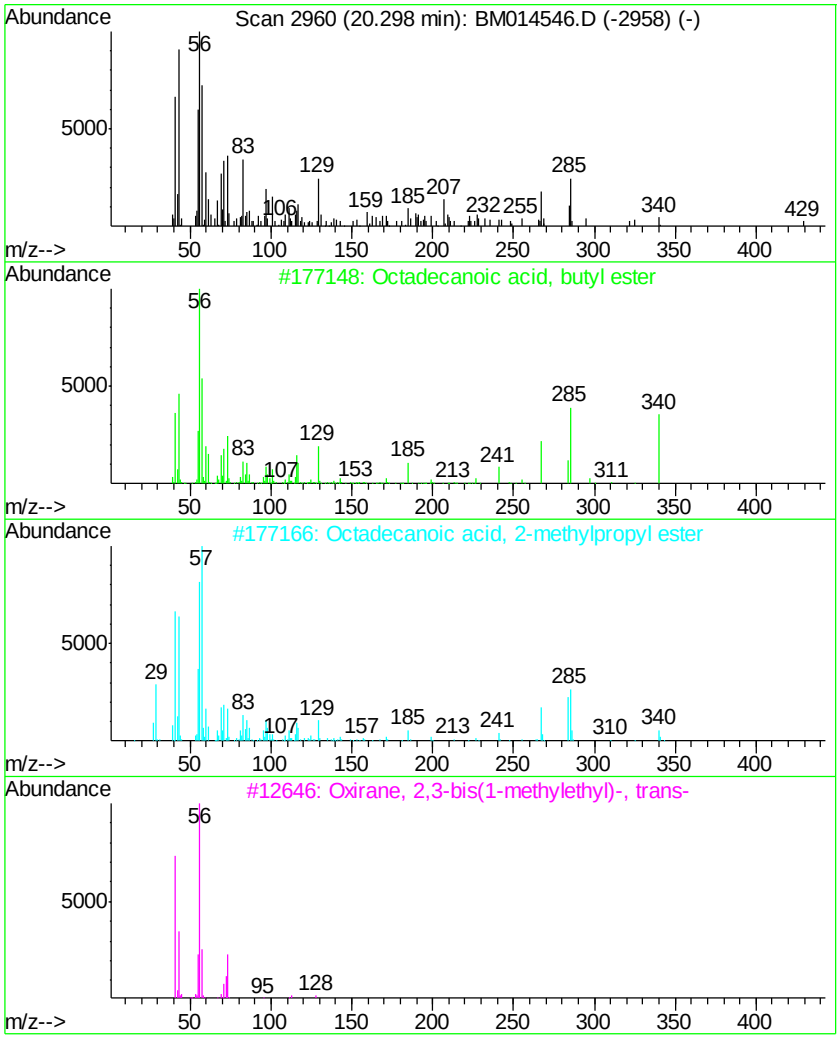
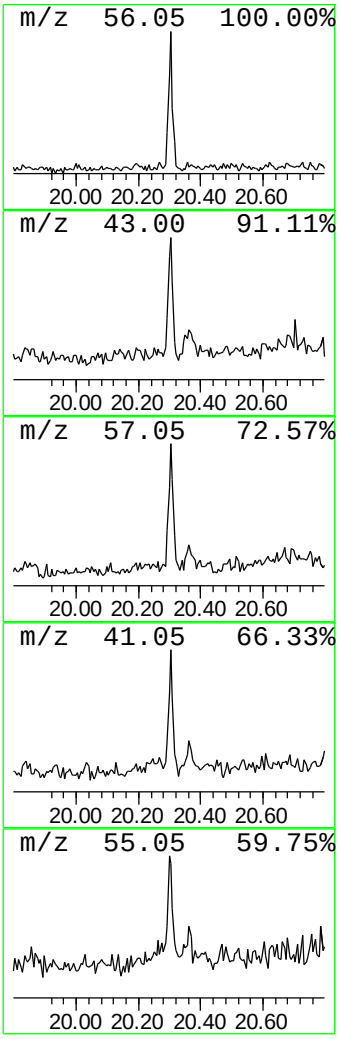
Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.31 ng/ul	193090	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	50
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
4	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	27
5	6-[N-Aziridyl]hexadiene-1,3	123	C8H13N	1000255-07-7	27





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

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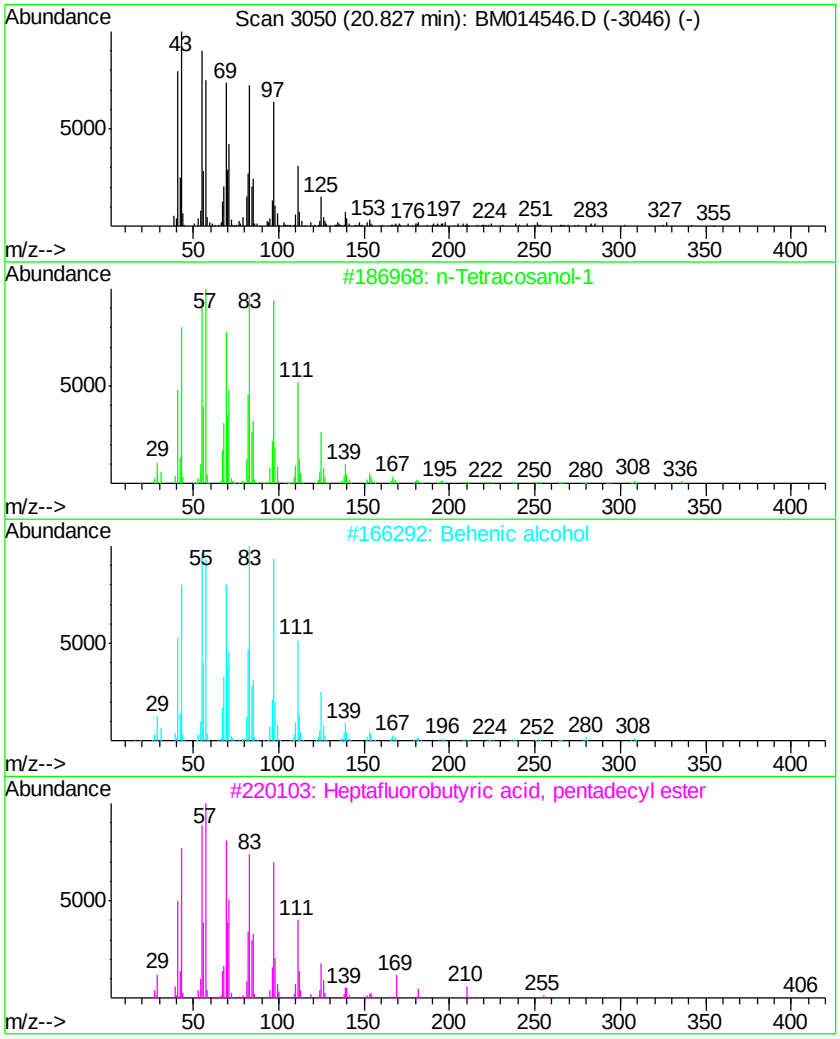
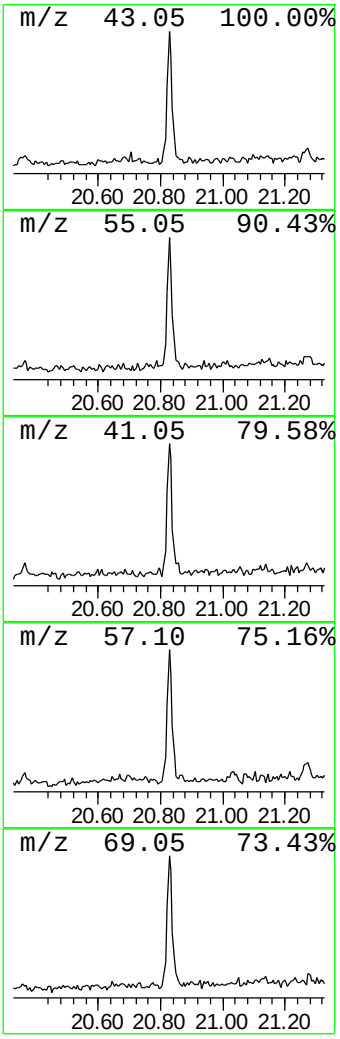
Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.41 ng/ul	536411	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	1-Docosene	308	C22H44	001599-67-3	86





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.81	9.6	ng/ul	584733	4	16.90	1223390	20.0
Pentadecanoic acid	19.10	2.8	ng/ul	235730	5	21.12	1673620	20.0
unknown-01	19.24	2.8	ng/ul	237673	5	21.12	1673620	20.0
Octadecanoic acid...	20.30	2.3	ng/ul	193090	5	21.12	1673620	20.0
n-Tetracosanol-1	20.83	6.4	ng/ul	536411	5	21.12	1673620	20.0