LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013662.D
Acq On : 19 Jan 2018 13:40
Operator : SJ/JU
Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

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-BM011018.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	3.163	27	30	35	rVB2	27847	37043	1.29%	0.112%
2	6.792	641	647	663	rBV2	500390	942783	32.92%	2.860%
3	6.957	669	675	684	rVB	389123	583458	20.38%	1.770%
4	7.145	700	707	722	rBV	525784	852965	29.79%	2.587%
5	7.610	780	786	795	rBV	501971	818818	28.59%	2.484%
6	8.322	899	907	925	rBV	635282	1058510	36.97%	3.211%
7	8.769	976	983	994	rBV	514404	868087	30.32%	2.633%
8	9.486	1098	1105	1119	rVB	410291	725366	25.33%	2.200%
9	10.022	1189	1196	1209	rBV	608078	1090665	38.09%	3.308%
10	10.392	1252	1259	1265	rBV	642598	1076167	37.58%	3.264%
11	10.539	1277	1284	1299	rBV	530477	999514	34.90%	3.032%
12	11.727	1480	1486	1497	rBV5	14340	34969	1.22%	0.106%
13	13.680	1812	1818	1823	rBV	1066995	1520183	53.09%	4.611%
14	13.727	1823	1826	1833	rVB	311601	424877	14.84%	1.289%
15	13.957	1855	1865	1871	rBV	1195102	1826414	63.78%	5.540%
16	14.168	1893	1901	1908	rBV6	40394	61824	2.16%	0.188%
17	14.263	1911	1917	1930	rVB2	869698	1336704	46.68%	4.055%
18	14.492	1948	1956	1971	rBV	299180	597710	20.87%	1.813%
19	15.127	2058	2064	2069	rVB5	44262	62715	2.19%	0.190%
20	15.262	2081	2087	2101	rVB	1487527	2172795	75.88%	6.591%
21	15.398	2104	2110	2123	rVB	355619	553395	19.33%	1.679%
22	15.504	2125	2128	2137	rVB7	19349	40602	1.42%	0.123%
23	15.639	2144	2151	2155	rBV	165019	238531	8.33%	0.724%
24	15.992	2206	2211	2218	rBV4	37627	75019	2.62%	0.228%
25	16.445	2284	2288	2293	rBV8	14109	34101	1.19%	0.103%
26	16.786	2342	2346	2349	rBV4	21717	31841	1.11%	0.097%
27	17.015	2377	2385	2394	rBV2	1101817	1542460	53.87%	4.679%
28	17.115	2396	2402	2411	rVV	1637388	2256885	78.81%	6.846%
29	17.921	2535	2539	2550	rBV2	187517	282864	9.88%	0.858%
30	18.639	2656	2661	2666	rBV6	19750	30034	1.05%	0.091%
31	19.056	2728	2732	2736	rBV2	35437	52475	1.83%	0.159%
32	19.139	2743	2746	2752	rVB5	29899	40222	1.40%	0.122%
33	19.209	2752	2758	2765	rBV5	104435	172855	6.04%	0.524%
34	19.415	2787	2793	2800	rBV	1898811	2622307	91.58%	7.954%

LSC Area Percent Report

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Data File : BM013662.D
Acq On : 19 Jan 2018 13:40
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Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

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-BM011018.M
Title : SVOA CALIBRATION

35	19.868	2866	2870	2877	rBV2	188046	240402	8.40%	0.729%
36	20.939	3048	3052	3059	rVB4	271442	366043	12.78%	1.110%
37	21.215	3094	3099	3106	rBV	1479182	1895916	66.21%	5.751%
38	21.827	3198	3203	3211	rVB2	279445	442172	15.44%	1.341%
39	22.797	3365	3368	3375	rVB3	168145	280155	9.78%	0.850%
40	23.280	3443	3450	3461	rVB	1578697	2863534	100.00%	8.686%
41	23.415	3467	3473	3480	rVB	963723	1813900	63.34%	5.502%

Sum of corrected areas: 32967280

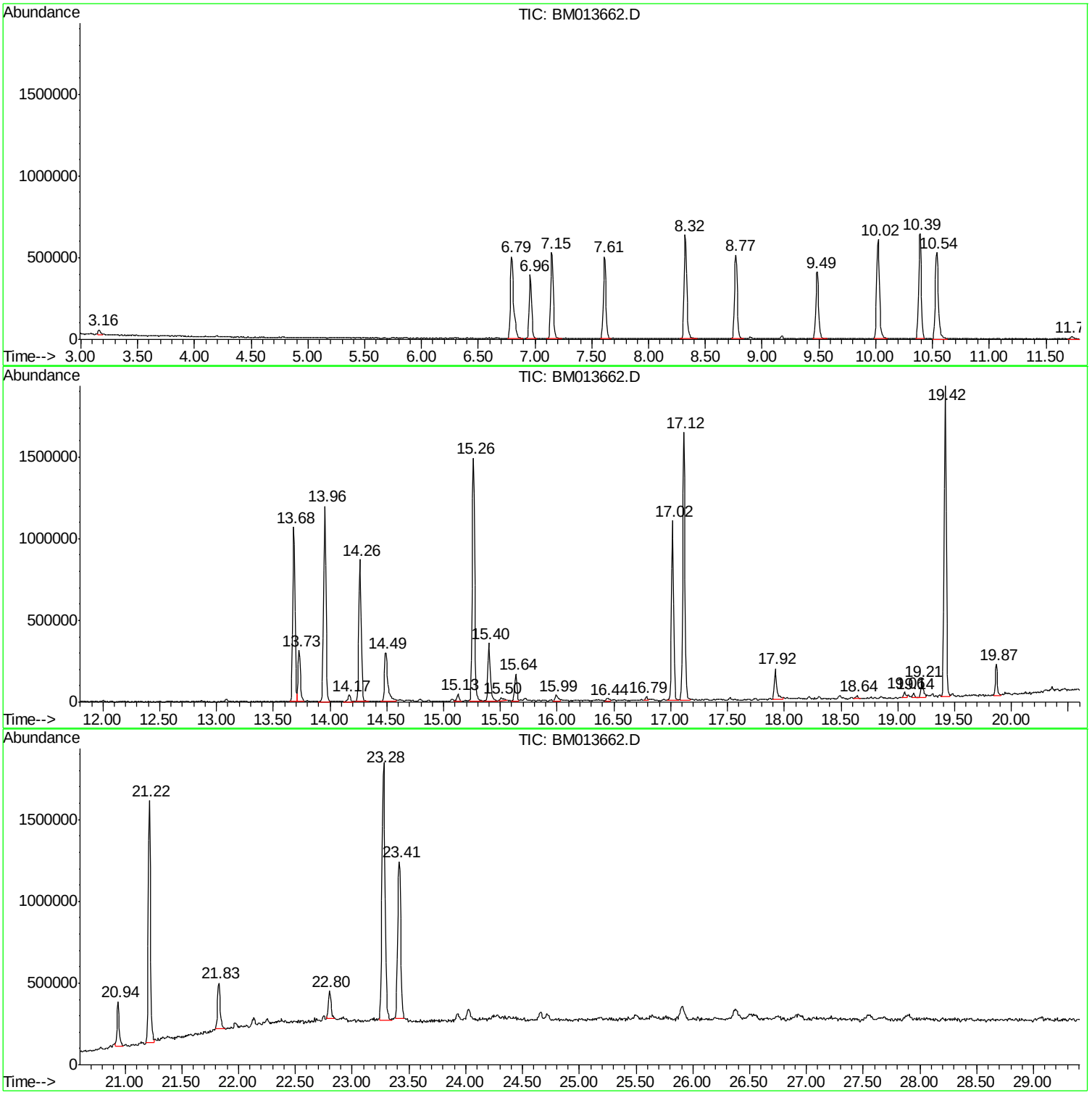
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013662.D
Acq On : 19 Jan 2018 13:40
Operator : SJ/JU
Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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\BM011918\
Data File : BM013662.D
Acq On : 19 Jan 2018 13:40
Operator : SJ/JU
Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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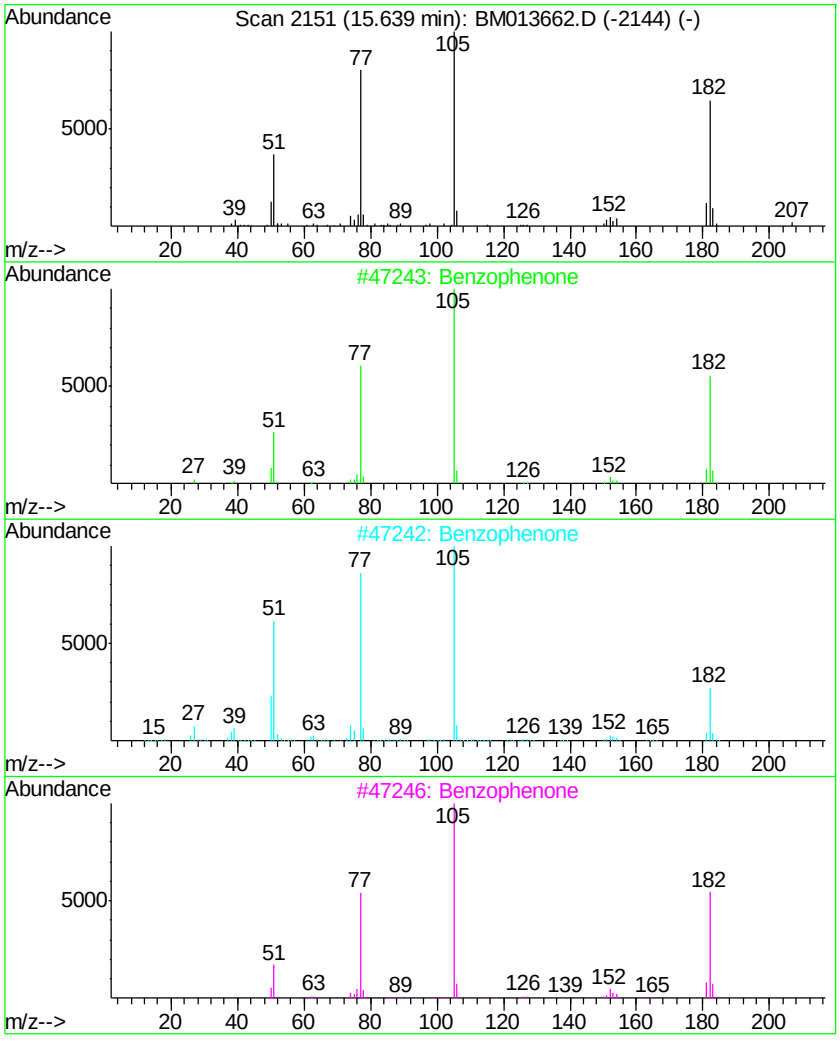
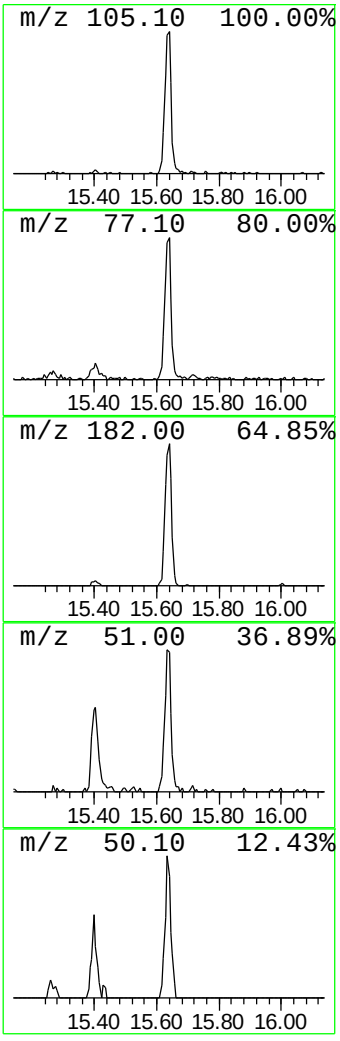
Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.09 ng/ul	238531	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013662.D
Acq On : 19 Jan 2018 13:40
Operator : SJ/JU
Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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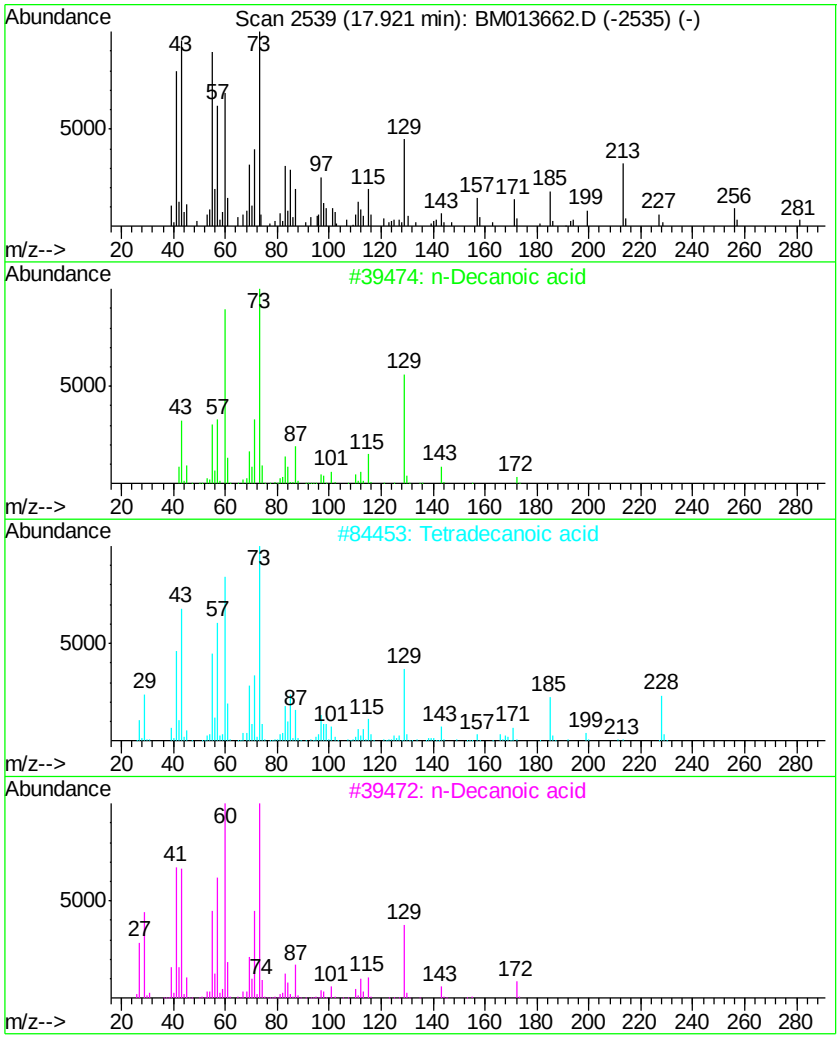
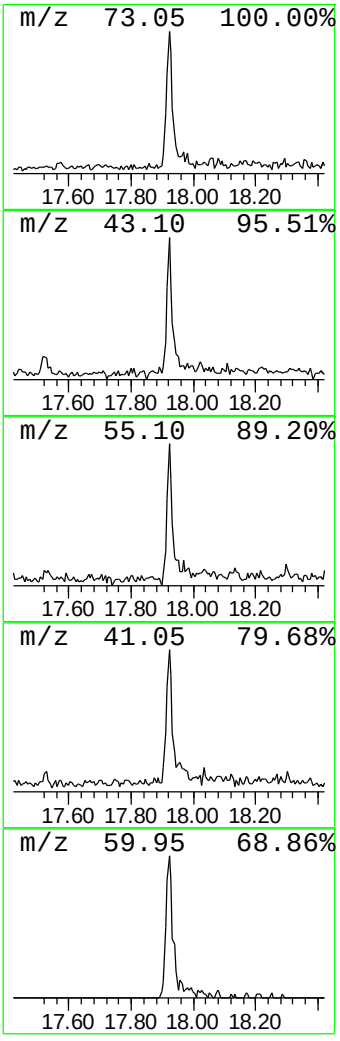
Peak Number 2 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.67 ng/ul	282864	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	91
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
Data File : BM013662.D
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Operator : SJ/JU
Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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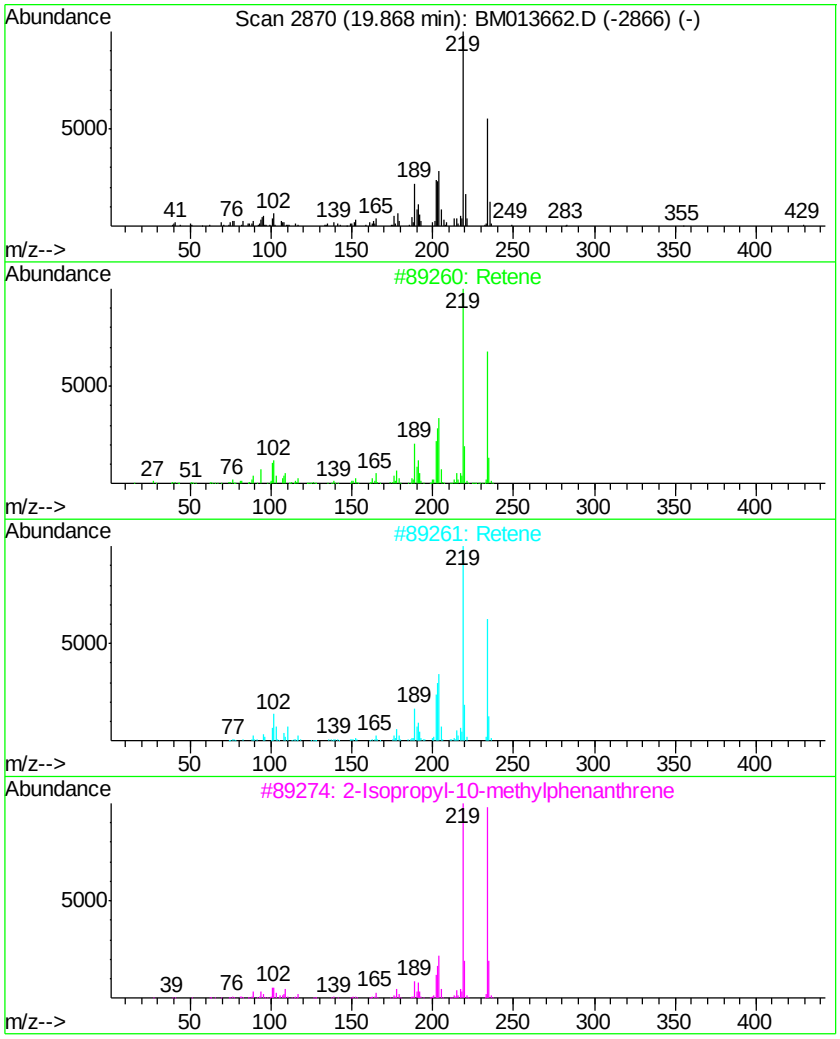
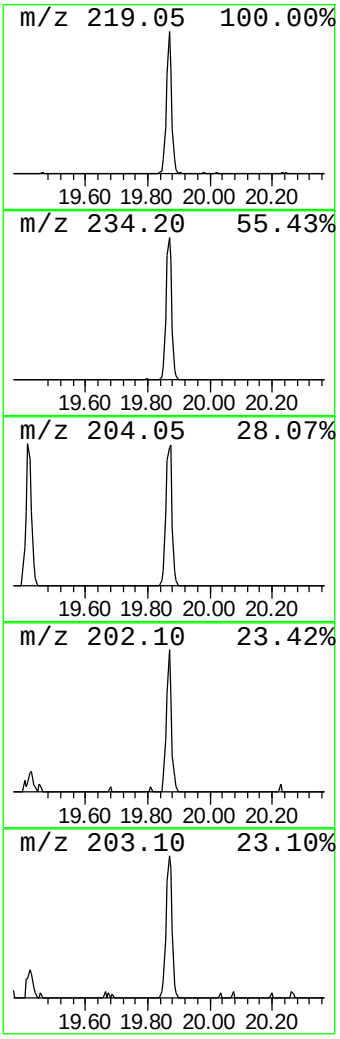
Peak Number 3 Retene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.54 ng/ul	240402	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	Retene	234	C18H18	000483-65-8	95
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
4	Retene	234	C18H18	000483-65-8	78
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68





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Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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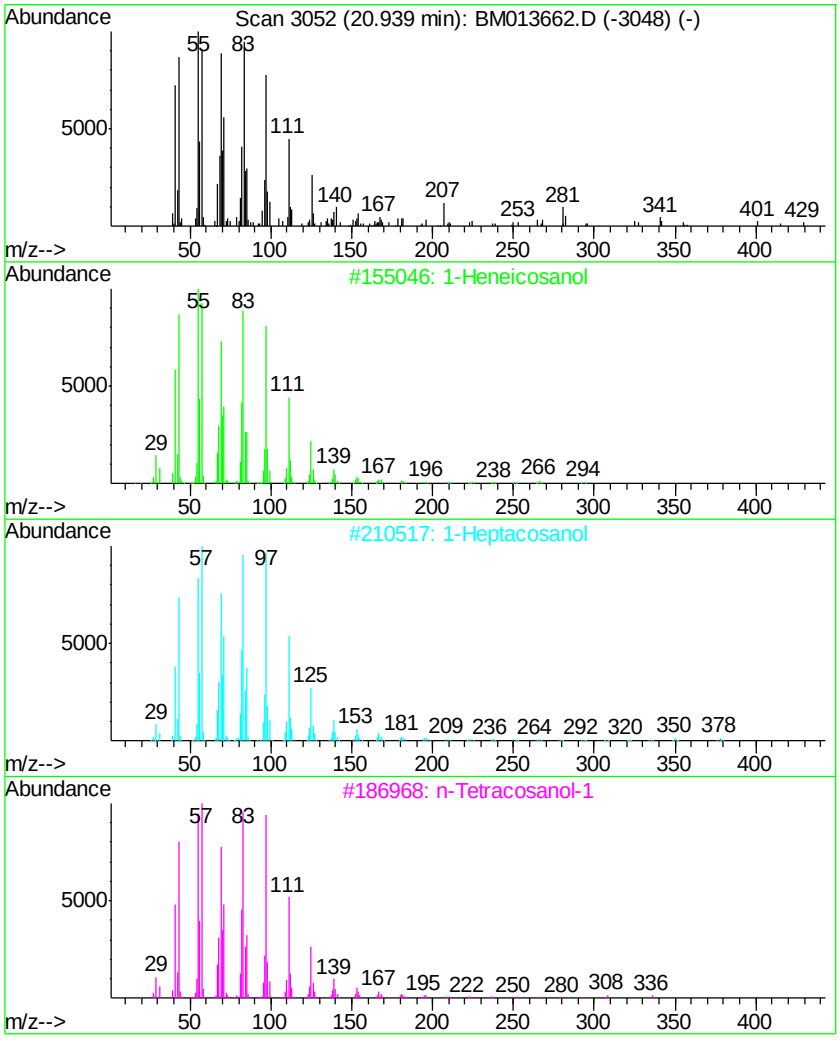
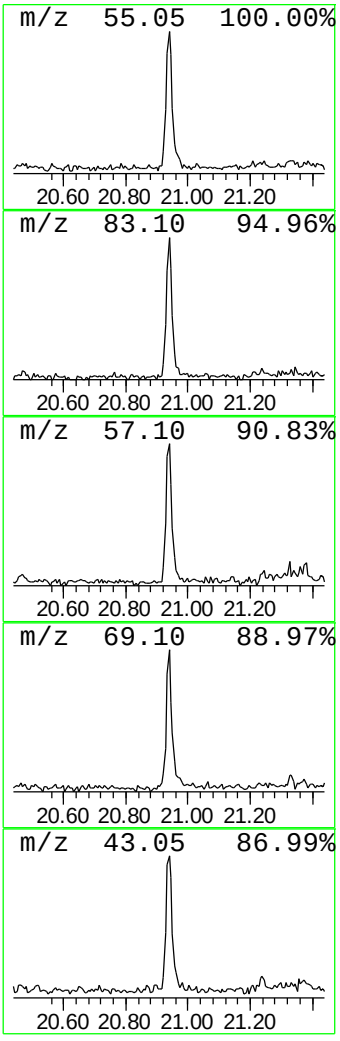
Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.86 ng/ul	366043	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





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Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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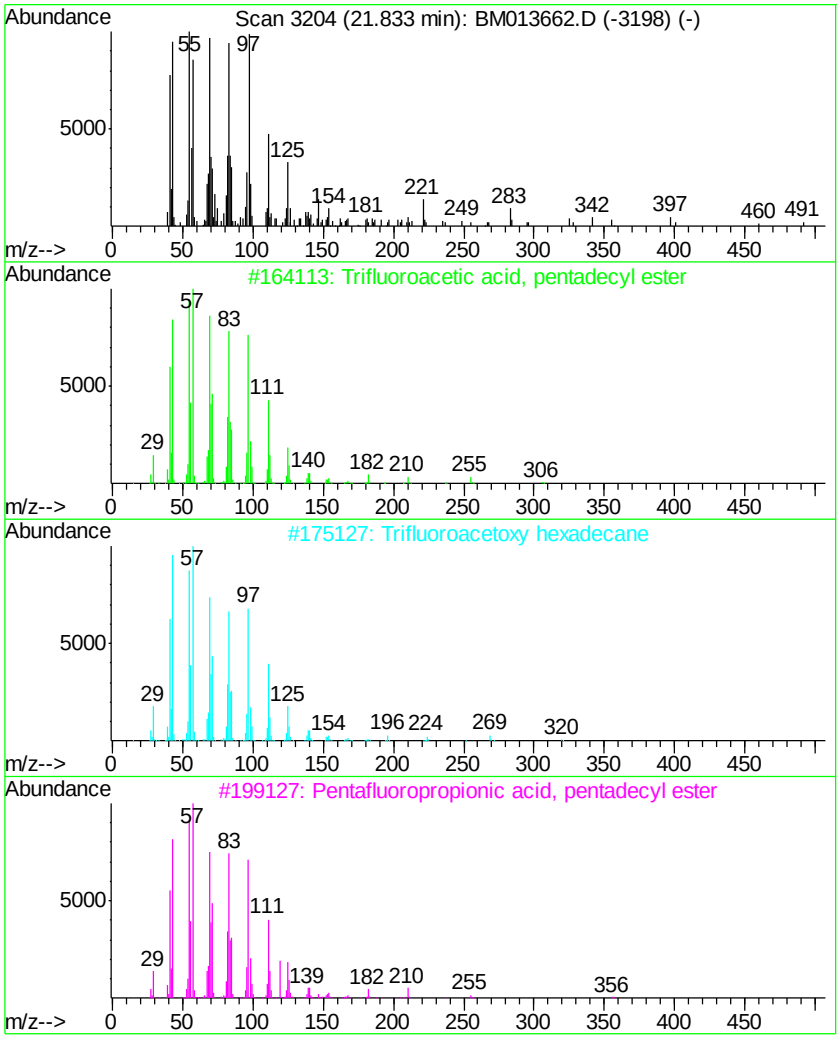
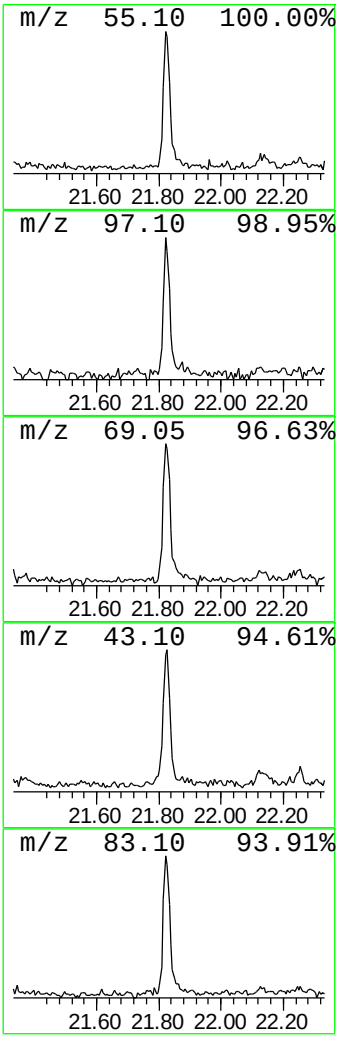
Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.66 ng/ul	442172	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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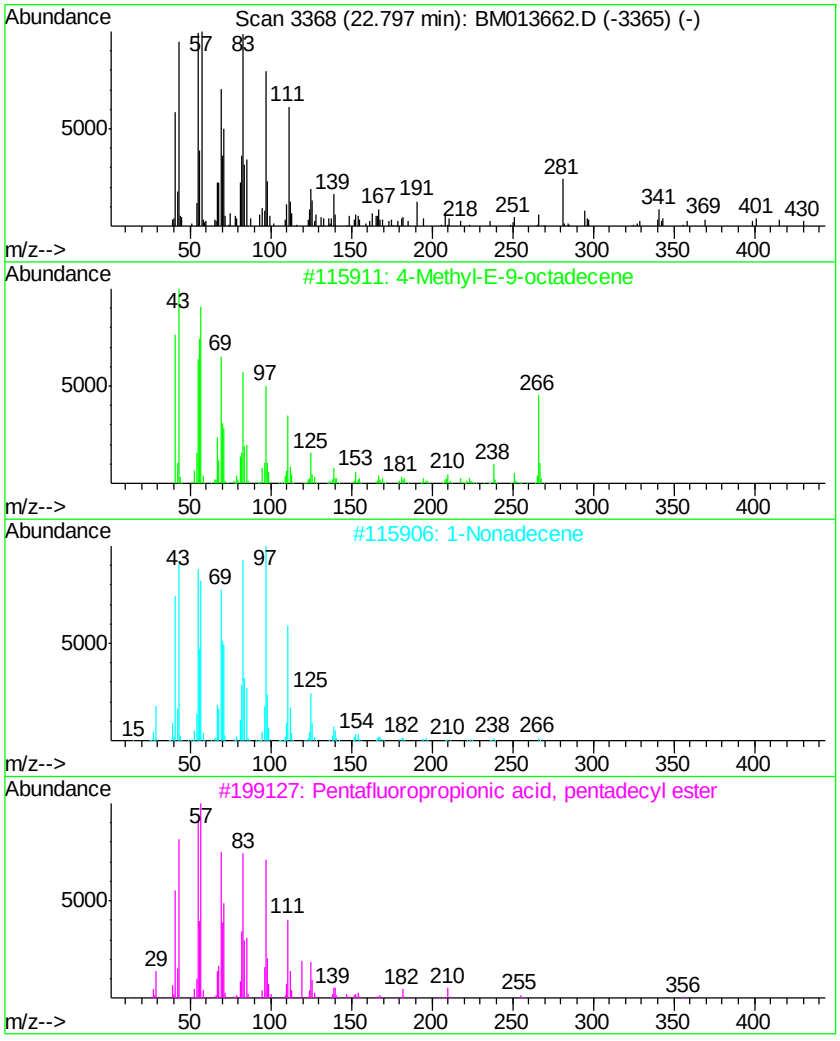
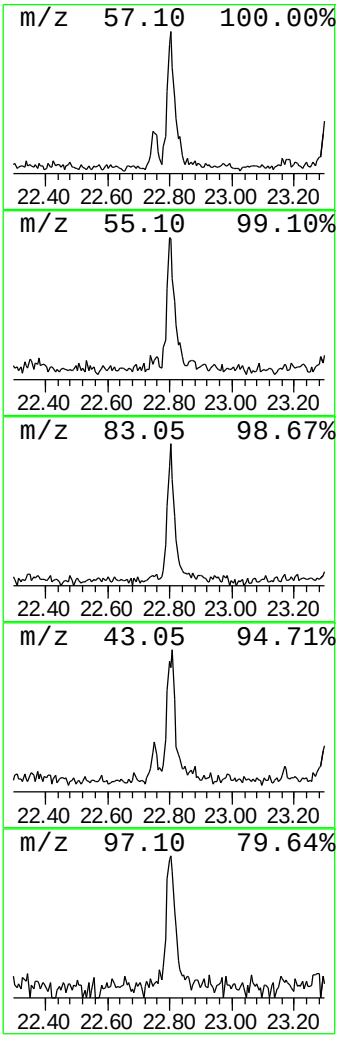
Peak Number 6 (DEL) Alkane: Cyclic22.80 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.09 ng/ul	280155	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Docosanethiol	342	C22H46S	007773-83-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011918\
Data File : BM013662.D
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Sample : J1141-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJQ6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Benzophenone	15.64	3.1	ng/ul	238531	4	17.02	1542460	20.0
n-Decanoic acid	17.92	3.7	ng/ul	282864	4	17.02	1542460	20.0
Retene	19.87	2.5	ng/ul	240402	5	21.22	1895920	20.0
1-Heneicosanol	20.94	3.9	ng/ul	366043	5	21.22	1895920	20.0
Trifluoroacetic a...	21.83	4.7	ng/ul	442172	5	21.22	1895920	20.0
(DEL) Alkane: Cyc...	22.80	3.1	ng/ul	280155	6	23.41	1813900	20.0