LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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	4.781	302	305	311	rVB2	47958	75185	3.00%	0.222%
2	6.798	643	648	658	rVB2	355676	664492	26.50%	1.960%
3	6.963	670	676	685	rVB	315204	482298	19.23%	1.423%
4	7.151	702	708	716	rBV	414571	659500	26.30%	1.945%
5	7.616	782	787	796	rVB	529960	838736	33.45%	2.474%
6	7.922	834	839	846	rVB5	27634	50700	2.02%	0.150%
7	8.328	902	908	919	rBV	448280	755246	30.12%	2.228%
8	8.775	977	984	993	rBV	403878	669485	26.70%	1.975%
9	9.486	1099	1105	1115	rBV	307781	544432	21.71%	1.606%
10	10.028	1190	1197	1206	rBV	442731	807030	32.18%	2.380%
11	10.169	1217	1221	1227	rVB4	21672	37918	1.51%	0.112%
12	10.392	1252	1259	1266	rBV	691301	1125532	44.88%	3.320%
13	10.545	1277	1285	1294	rBV	329898	634400	25.30%	1.871%
14	13.686	1812	1819	1823	rBV	855782	1183960	47.21%	3.492%
15	13.733	1823	1827	1833	rVB	147065	213077	8.50%	0.628%
16	13.957	1856	1865	1874	rBV	1016428	1458733	58.17%	4.303%
17	14.110	1887	1891	1896	rBV4	31568	43413	1.73%	0.128%
18	14.174	1896	1902	1908	rBV4	33064	49907	1.99%	0.147%
19	14.268	1910	1918	1925	rVV2	944584	1465621	58.45%	4.323%
20	14.333	1925	1929	1934	rVB4	52672	75239	3.00%	0.222%
21	14.498	1951	1957	1970	rBV2	197287	419167	16.72%	1.236%
22	14.586	1970	1972	1977	rVB4	22233	28102	1.12%	0.083%
23	15.080	2049	2056	2060	rBV3	24995	38267	1.53%	0.113%
24	15.133	2060	2065	2072	rVB	45577	63559	2.53%	0.187%
25	15.268	2080	2088	2094	rBV	1173267	1733987	69.15%	5.114%
26	15.404	2104	2111	2121	rBV	292035	566303	22.58%	1.670%
27	15.751	2165	2170	2175	rVB4	43236	67421	2.69%	0.199%
28	15.845	2181	2186	2190	rBV5	27604	39094	1.56%	0.115%
29	15.998	2207	2212	2219	rBV2	76835	109448	4.36%	0.323%
30	16.727	2331	2336	2341	rBV5	67982	100572	4.01%	0.297%
31	16.786	2343	2346	2351	rBV5	33165	44035	1.76%	0.130%
32	16.933	2365	2371	2373	rBV7	18822	35077	1.40%	0.103%
33	17.021	2379	2386	2396	rVB	1270371	1836363	73.23%	5.416%
34	17.121	2396	2403	2412	rVB2	1294596	1896543	75.63%	5.594%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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	17.215	2416	2419	2424	rBV7	19511	25516	1.02%	0.075%
36	17.280	2427	2430	2433	rBV3	21697	26917	1.07%	0.079%
37	17.527	2467	2472	2475	rBV6	24357	34040	1.36%	0.100%
38	17.774	2510	2514	2518	rBV7	27667	43998	1.75%	0.130%
39	17.921	2532	2539	2544	rVV8	132622	246761	9.84%	0.728%
40	17.992	2547	2551	2555	rVV2	58702	104052	4.15%	0.307%
41	18.062	2559	2563	2567	rVV5	71042	109079	4.35%	0.322%
42	18.133	2570	2575	2580	rVB2	267199	354861	14.15%	1.047%
43	18.221	2584	2590	2594	rBV8	28512	47529	1.90%	0.140%
44	18.303	2600	2604	2612	rVB3	287979	395469	15.77%	1.166%
45	18.492	2631	2636	2648	rVB3	519957	903627	36.04%	2.665%
46	18.645	2657	2662	2666	rBV3	83729	99917	3.98%	0.295%
47	18.780	2681	2685	2689	rVB5	38617	44886	1.79%	0.132%
48	19.062	2729	2733	2735	rBV3	30626	42900	1.71%	0.127%
49	19.086	2735	2737	2742	rVV5	30698	47611	1.90%	0.140%
50	19.139	2742	2746	2750	rVB	113679	143102	5.71%	0.422%
51	19.227	2755	2761	2766	rBV3	143474	265675	10.59%	0.784%
52	19.421	2788	2794	2802	rBV	1687537	2379782	94.90%	7.019%
53	19.574	2817	2820	2823	rBV4	64789	84049	3.35%	0.248%
54	19.609	2823	2826	2831	rVB4	87498	122822	4.90%	0.362%
55	19.868	2865	2870	2875	rBV	1104941	1327798	52.95%	3.916%
56	19.980	2886	2889	2894	rVB3	83876	102580	4.09%	0.303%
57	20.092	2904	2908	2912	rBV7	29910	58037	2.31%	0.171%
58	20.186	2919	2924	2928	rBV8	38613	56717	2.26%	0.167%
59	20.309	2941	2945	2949	rBV6	39775	48400	1.93%	0.143%
60	20.362	2951	2954	2956	rVV4	23629	25573	1.02%	0.075%
61	20.403	2957	2961	2965	rVB2	65809	87105	3.47%	0.257%
62	20.939	3049	3052	3059	rVB6	124207	167050	6.66%	0.493%
63	21.215	3094	3099	3109	rBV	1871941	2278407	90.86%	6.720%
64	23.274	3443	3449	3459	rVB2	1329040	2507603	100.00%	7.396%
65	23.415	3466	3473	3483	rVB	1221283	2197869	87.65%	6.483%
66	26.215	3944	3949	3958	rVB3	274440	711289	28.37%	2.098%

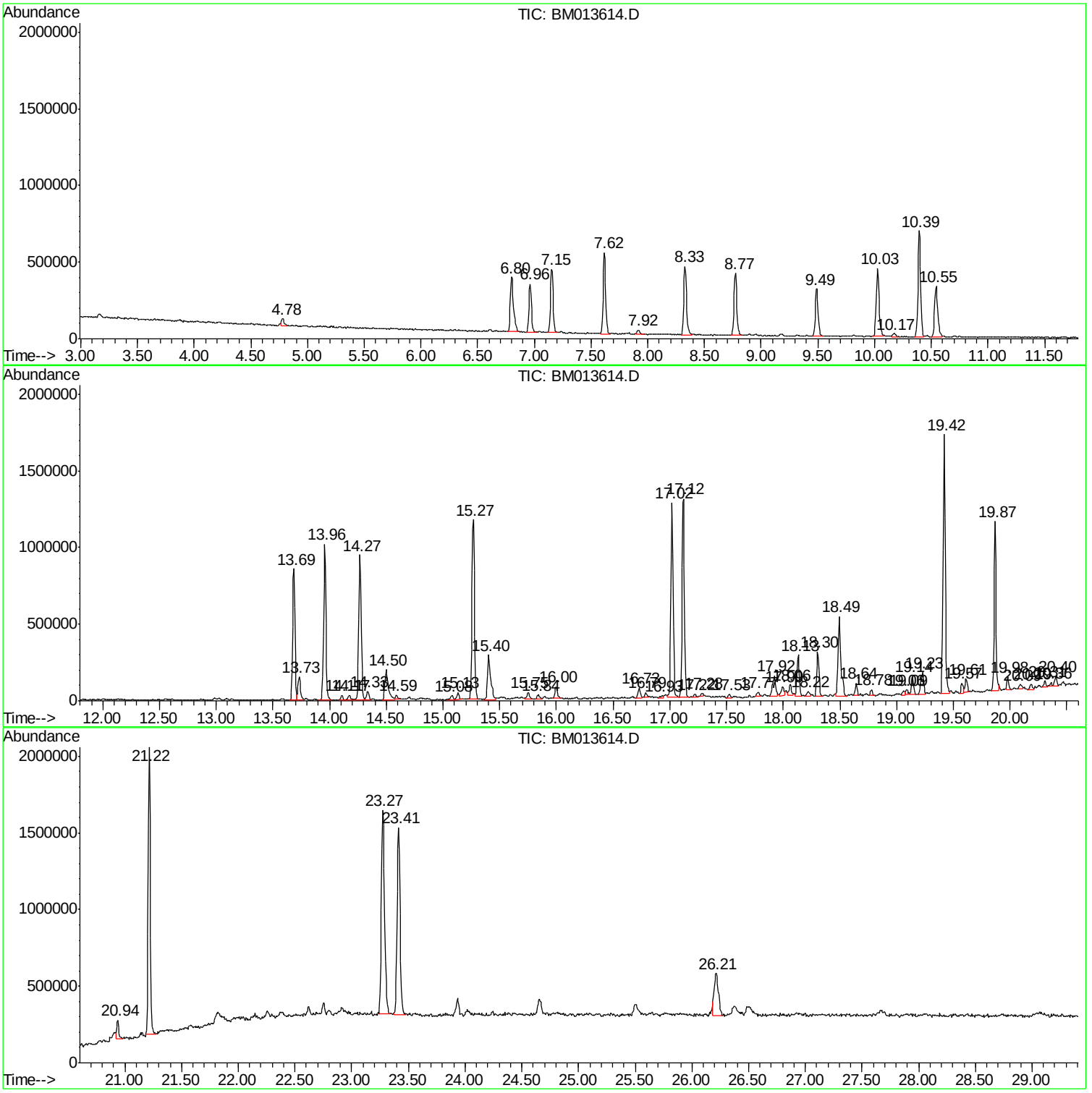
Sum of corrected areas: 33903863

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJM3

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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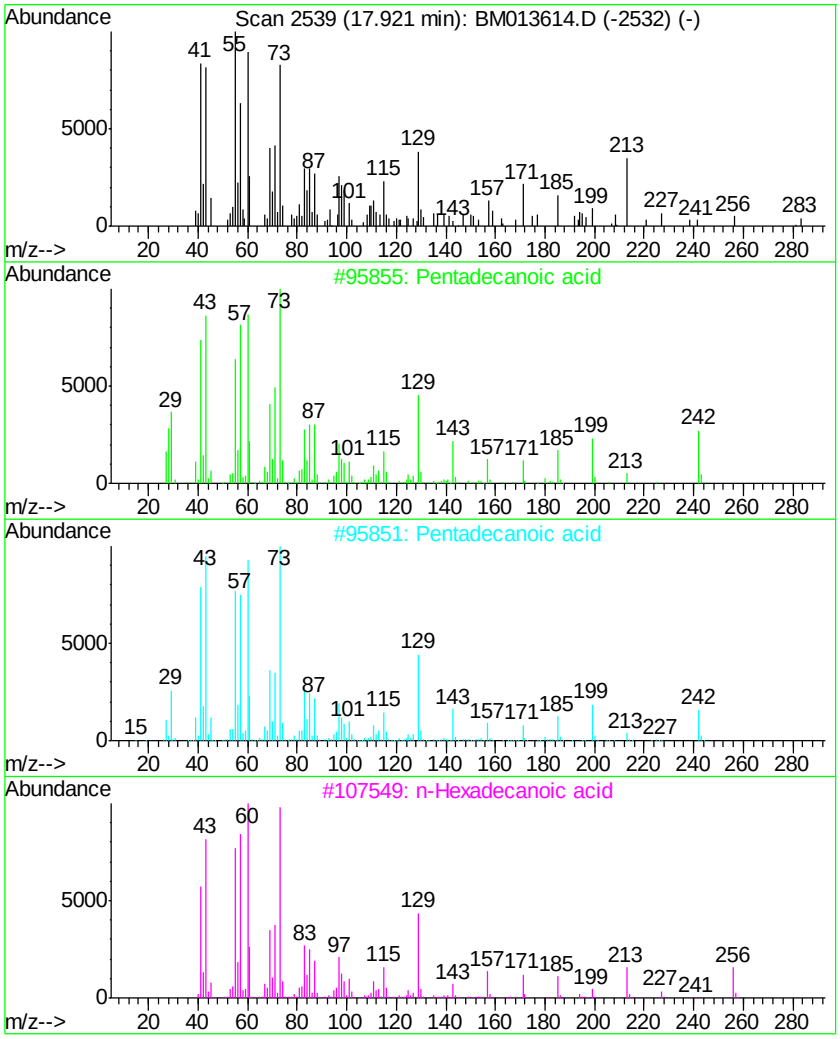
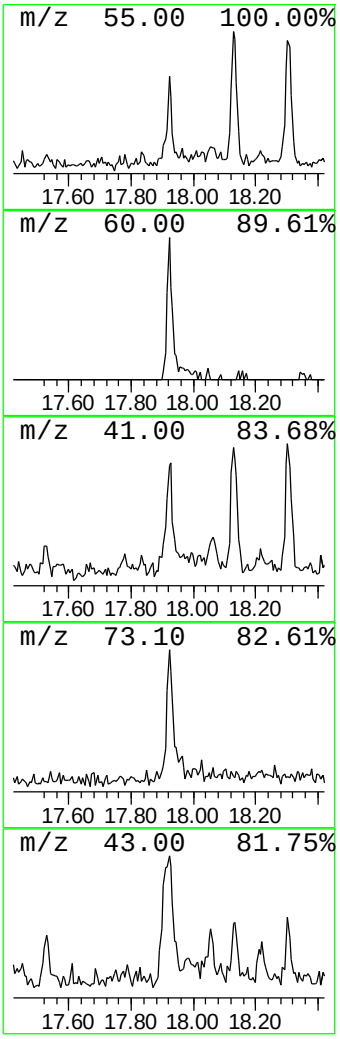
Peak Number 1 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.69 ng/ul	246761	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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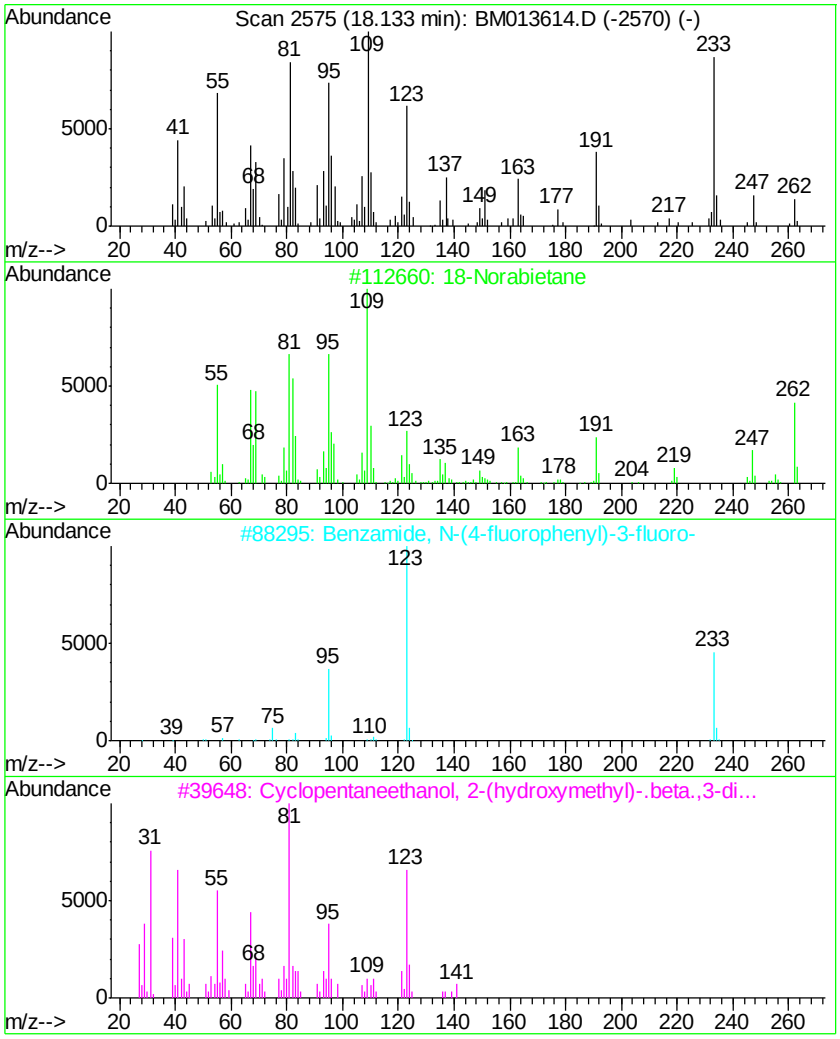
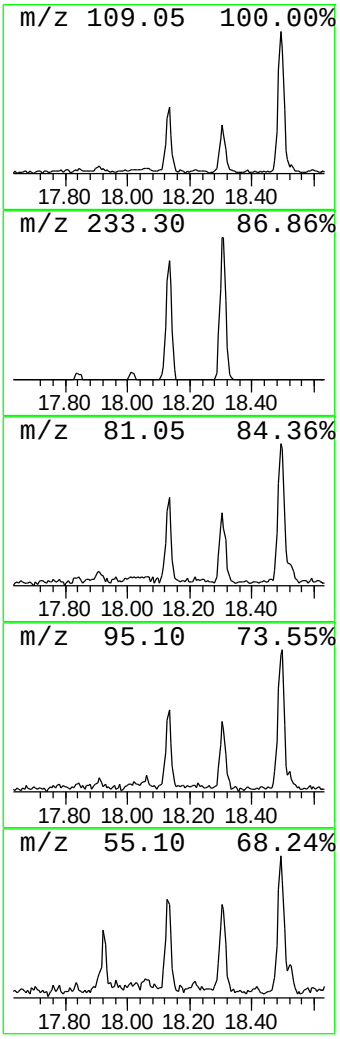
Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	3.86 ng/ul	354861	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	42
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	27
3	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	22
4	di-t-Butylacetylene	138	C10H18	017530-24-4	18
5	Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	11





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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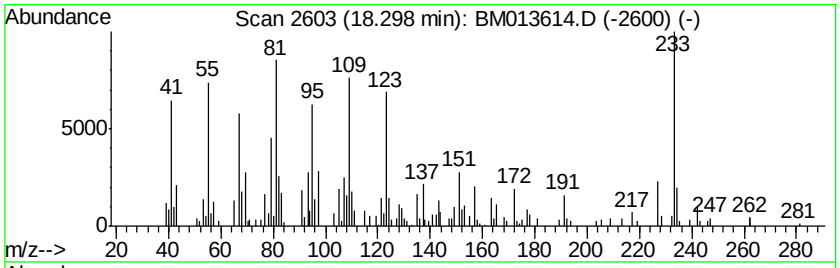
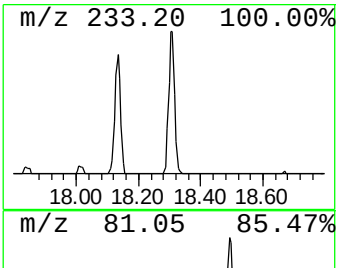
Peak Number 3 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.31 ng/ul	395469	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	49
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	47
3	Aniline, N-cyclohexylcarbonyl-4-...	233	C14H19NO2	315712-26-6	43
4	photocitral B	152	C10H16O	006040-45-5	38
5	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	22





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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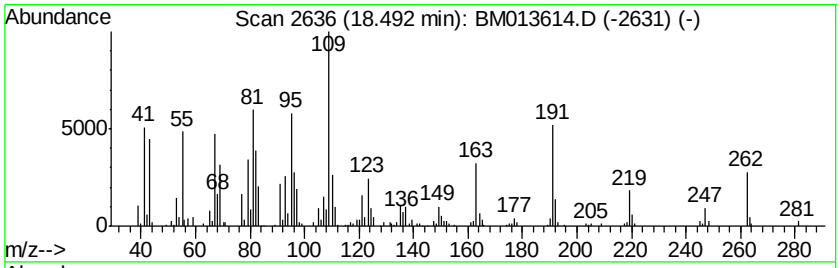
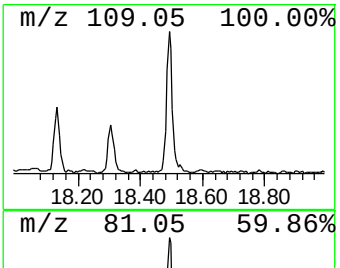
Peak Number 4 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	9.84 ng/ul	903627	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	83
2	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	22
3	1H-Indene, 2-butyl-5-hexyloctahy...	264	C19H36	055044-33-2	22
4	Pyridine, 4-hydrazino-	109	C5H7N3	1000362-57-5	18
5	2-Naphthalenamine, 1,2,4a,5,6,7,...	165	C11H19N	056053-03-3	18





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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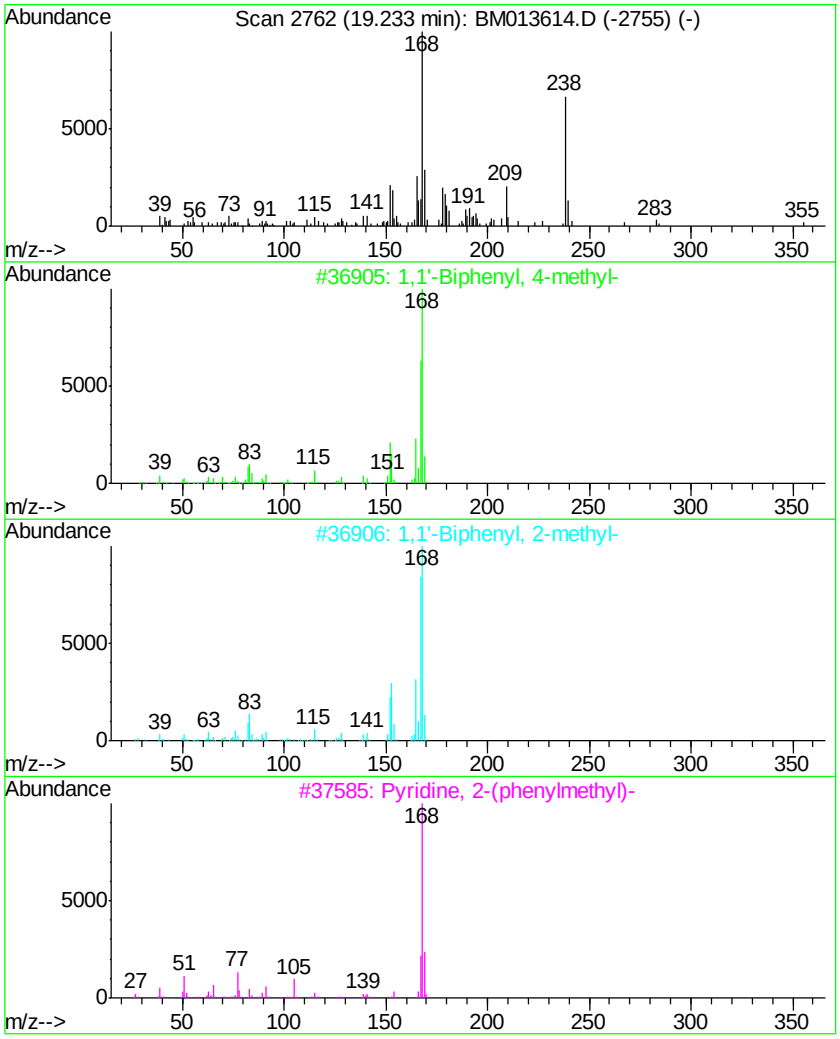
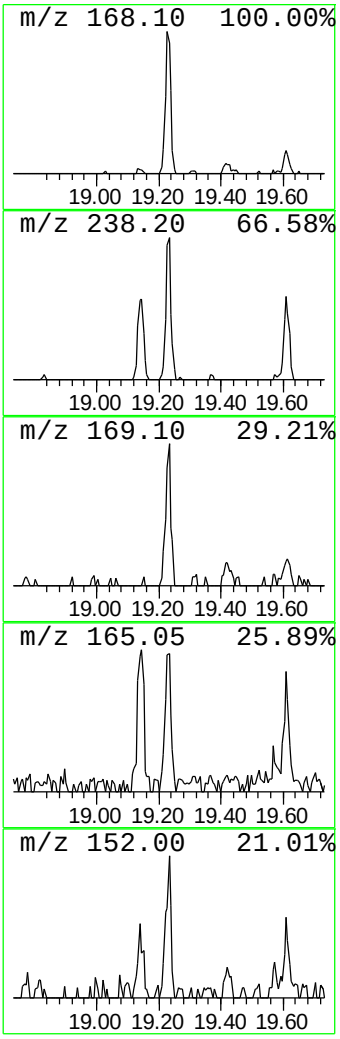
Peak Number 5 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.33 ng/ul	265675	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	35





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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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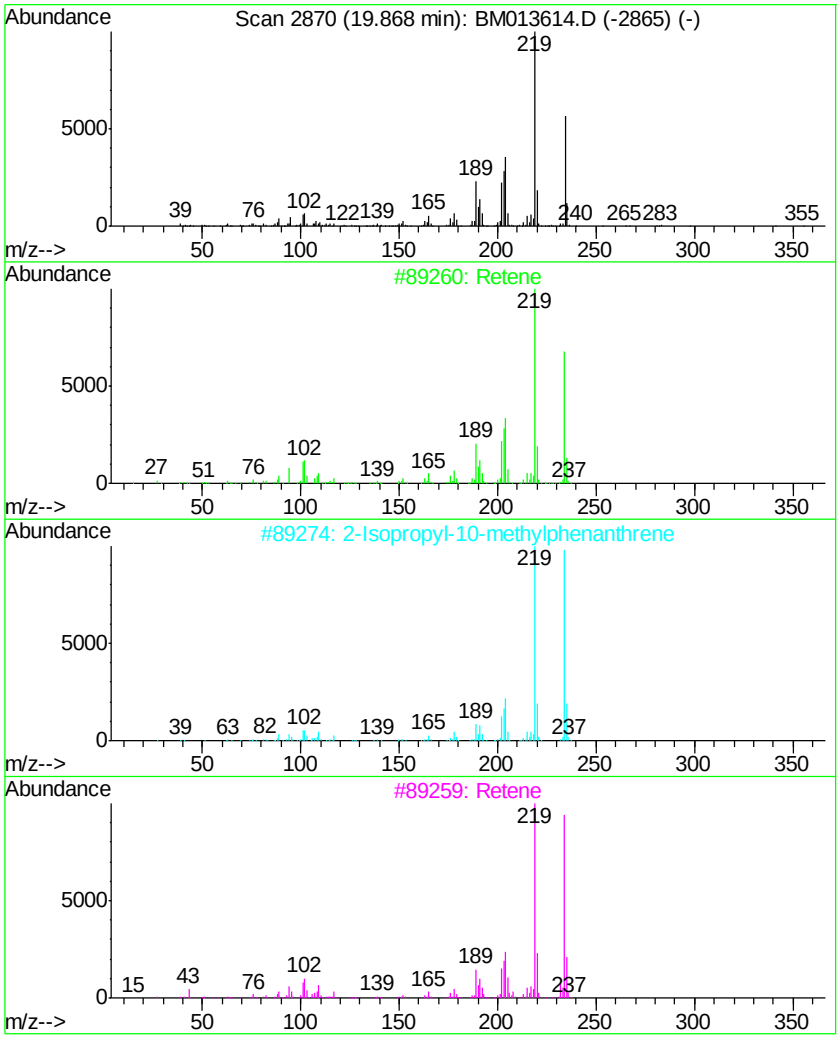
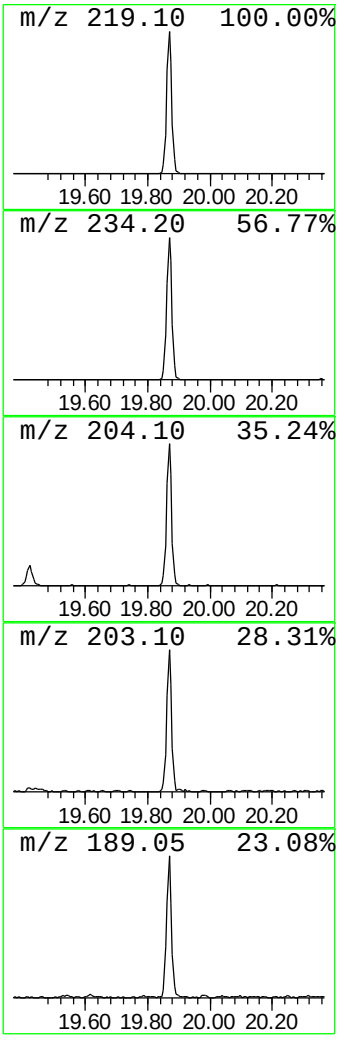
Peak Number 6 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	11.66 ng/ul	1327800	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Retene	234	C18H18	000483-65-8	94
4	Retene	234	C18H18	000483-65-8	94
5	Retene	234	C18H18	000483-65-8	72





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013614.D
Acq On : 16 Jan 2018 08:26
Operator : SJ/JU
Sample : J1080-22
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAJM3

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
Pentadecanoic acid	17.92	2.7	ng/ul	246761	4	17.02	1836360	20.0
unknown-01	18.13	3.9	ng/ul	354861	4	17.02	1836360	20.0
unknown-02	18.30	4.3	ng/ul	395469	4	17.02	1836360	20.0
18-Norabietane	18.49	9.8	ng/ul	903627	4	17.02	1836360	20.0
unknown-03	19.23	2.3	ng/ul	265675	5	21.22	2278410	20.0
Retene	19.87	11.7	ng/ul	1327800	5	21.22	2278410	20.0