LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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	4.681	283	288	293	rBV2	61939	91296	2.06%	0.116%
2	6.716	628	634	649	rVB	540184	1037931	23.38%	1.314%
3	6.875	655	661	671	rBV	415526	654185	14.73%	0.828%
4	7.063	687	693	702	rBV	603513	989744	22.29%	1.253%
5	7.522	763	771	781	rBV2	1032648	1861962	41.94%	2.357%
6	8.240	887	893	909	rBV	641768	1197812	26.98%	1.516%
7	8.681	960	968	980	rBV	633899	1090764	24.57%	1.381%
8	9.392	1083	1089	1102	rBV	533462	977967	22.03%	1.238%
9	9.928	1173	1180	1194	rBV	674636	1336791	30.11%	1.692%
10	10.045	1194	1200	1213	rVB	587394	1003751	22.61%	1.270%
11	10.292	1232	1242	1248	rBV	797676	1289743	29.05%	1.632%
12	10.345	1248	1251	1258	rVB2	52376	82923	1.87%	0.105%
13	10.457	1262	1270	1287	rBV	300219	729562	16.43%	0.923%
14	13.322	1750	1757	1772	rBV9	32262	97300	2.19%	0.123%
15	13.604	1798	1805	1809	rBV	1521875	2047791	46.12%	2.592%
16	13.651	1809	1813	1821	rVB	364947	549678	12.38%	0.696%
17	13.869	1842	1850	1861	rBV	1738756	2563217	57.73%	3.244%
18	14.086	1879	1887	1894	rBV2	81867	116504	2.62%	0.147%
19	14.180	1894	1903	1909	rBV2	1113675	1721670	38.78%	2.179%
20	14.245	1909	1914	1918	rVB	78019	106856	2.41%	0.135%
21	14.439	1942	1947	1960	rBV3	214149	606968	13.67%	0.768%
22	14.592	1968	1973	1977	rBV2	65371	109380	2.46%	0.138%
23	15.045	2043	2050	2055	rVB3	103431	168683	3.80%	0.214%
24	15.180	2068	2073	2079	rBV	2033366	2842842	64.03%	3.598%
25	15.239	2079	2083	2094	rVB2	103418	183032	4.12%	0.232%
26	15.333	2094	2099	2108	rBV	572352	954888	21.51%	1.209%
27	15.557	2129	2137	2142	rBV2	216737	348629	7.85%	0.441%
28	15.680	2149	2158	2159	rBV7	35887	72457	1.63%	0.092%
29	15.910	2192	2197	2206	rBV5	117758	205074	4.62%	0.260%
30	16.363	2267	2274	2277	rBV8	51009	103283	2.33%	0.131%
31	16.516	2296	2300	2304	rVB5	47193	69399	1.56%	0.088%
32	16.604	2311	2315	2322	rVB2	77553	124201	2.80%	0.157%
33	16.704	2322	2332	2338	rBV10	95203	249028	5.61%	0.315%
34	16.757	2338	2341	2348	rVB2	95333	155513	3.50%	0.197%

LSC Area Percent Report

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Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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

35	16.857	2353	2358	2364	rBV	109636	159714	3.60%	0.202%
36	16.939	2364	2372	2375	rBV	1488244	2071671	46.66%	2.622%
37	16.980	2375	2379	2384	rVV	1543182	2172740	48.94%	2.750%
38	17.039	2384	2389	2393	rVV	2246678	3204264	72.17%	4.056%
39	17.074	2393	2395	2400	rVB	287502	332402	7.49%	0.421%
40	17.139	2400	2406	2411	rBV4	64521	146216	3.29%	0.185%
41	17.357	2435	2443	2452	rBV2	165638	372034	8.38%	0.471%
42	17.463	2455	2461	2465	rVV4	49302	103864	2.34%	0.131%
43	17.527	2467	2472	2480	rVB6	44651	108035	2.43%	0.137%
44	17.657	2490	2494	2500	rVB8	39751	70191	1.58%	0.089%
45	17.733	2500	2507	2513	rBV3	157661	336446	7.58%	0.426%
46	17.815	2513	2521	2523	rVV	247063	427115	9.62%	0.541%
47	17.851	2523	2527	2536	rVV2	1052096	1706367	38.43%	2.160%
48	17.915	2536	2538	2540	rVV	57083	71651	1.61%	0.091%
49	17.945	2540	2543	2549	rVV	95998	133305	3.00%	0.169%
50	18.010	2549	2554	2558	rVV3	322666	565928	12.75%	0.716%
51	18.045	2558	2560	2568	rVB	195739	242035	5.45%	0.306%
52	18.145	2571	2577	2580	rBV7	86286	183612	4.14%	0.232%
53	18.321	2602	2607	2612	rBV	172435	248907	5.61%	0.315%
54	18.374	2612	2616	2624	rVV	153892	234115	5.27%	0.296%
55	18.562	2638	2648	2654	rBV6	87188	253832	5.72%	0.321%
56	18.621	2654	2658	2662	rVV	59981	88729	2.00%	0.112%
57	18.662	2662	2665	2670	rVB2	66444	85203	1.92%	0.108%
58	18.739	2674	2678	2683	rVV	166482	276169	6.22%	0.350%
59	18.798	2683	2688	2692	rVV5	97551	237385	5.35%	0.300%
60	18.833	2692	2694	2698	rVB	79014	97006	2.18%	0.123%
61	18.892	2698	2704	2710	rBV2	180670	365182	8.22%	0.462%
62	19.009	2715	2724	2731	rBV	3285183	4439998	100.00%	5.620%
63	19.139	2743	2746	2755	rVB3	267749	403298	9.08%	0.510%
64	19.251	2758	2765	2769	rVB2	90302	185398	4.18%	0.235%
65	19.345	2775	2781	2784	rBV2	2914812	4318917	97.27%	5.466%
66	19.374	2784	2786	2795	rVB	2791499	3311049	74.57%	4.191%
67	19.451	2795	2799	2803	rBV3	131358	186797	4.21%	0.236%
68	19.486	2803	2805	2810	rVB2	95587	116815	2.63%	0.148%
69	19.557	2813	2817	2821	rBV	120874	176841	3.98%	0.224%
70	19.674	2833	2837	2840	rBV2	324400	476262	10.73%	0.603%
71	19.792	2855	2857	2861	rVB4	83583	98728	2.22%	0.125%

LSC Area Percent Report

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Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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

72	19.839	2861	2865	2867	rBV4	161631	240571	5.42%	0.304%
73	19.880	2868	2872	2878	rVB	376418	573061	12.91%	0.725%
74	19.980	2885	2889	2892	rBV	196909	273825	6.17%	0.347%
75	20.033	2895	2898	2903	rVB2	232493	362679	8.17%	0.459%
76	20.162	2915	2920	2926	rBV2	279219	535935	12.07%	0.678%
77	20.221	2926	2930	2934	rBV	196363	284343	6.40%	0.360%
78	20.292	2938	2942	2948	rVB2	244221	341436	7.69%	0.432%
79	20.439	2963	2967	2972	rBV	815358	1009710	22.74%	1.278%
80	20.633	2997	3000	3006	rVB	259071	317349	7.15%	0.402%
81	20.792	3024	3027	3030	rBV	236481	285175	6.42%	0.361%
82	20.833	3030	3034	3037	rVV	275923	367241	8.27%	0.465%
83	20.874	3037	3041	3048	rVV3	873479	1434385	32.31%	1.816%
84	20.933	3048	3051	3061	rVB	283363	463484	10.44%	0.587%
85	21.068	3070	3074	3077	rVB	441577	459176	10.34%	0.581%
86	21.145	3081	3087	3091	rVV3	1994332	4026068	90.68%	5.096%
87	21.186	3091	3094	3104	rVB	1296331	1736421	39.11%	2.198%
88	21.303	3111	3114	3117	rBV	171758	187928	4.23%	0.238%
89	21.692	3177	3180	3183	rVB	183189	217905	4.91%	0.276%
90	21.756	3184	3191	3196	rBV4	331408	632991	14.26%	0.801%
91	21.880	3210	3212	3215	rBV2	108624	110404	2.49%	0.140%
92	22.292	3279	3282	3289	rVB	435383	619441	13.95%	0.784%
93	22.674	3341	3347	3352	rBV2	947985	2293301	51.65%	2.903%
94	23.133	3420	3425	3429	rBV	499142	868353	19.56%	1.099%
95	23.186	3429	3434	3438	rVV2	1250657	2329143	52.46%	2.948%
96	23.227	3438	3441	3448	rVB	761774	1167874	26.30%	1.478%
97	23.321	3451	3457	3462	rBV	712799	1286180	28.97%	1.628%
98	23.809	3535	3540	3549	rVB	464284	908838	20.47%	1.150%
99	25.480	3817	3824	3836	rVB2	418301	1338302	30.14%	1.694%
100	26.133	3929	3935	3940	rBV2	226894	587106	13.22%	0.743%

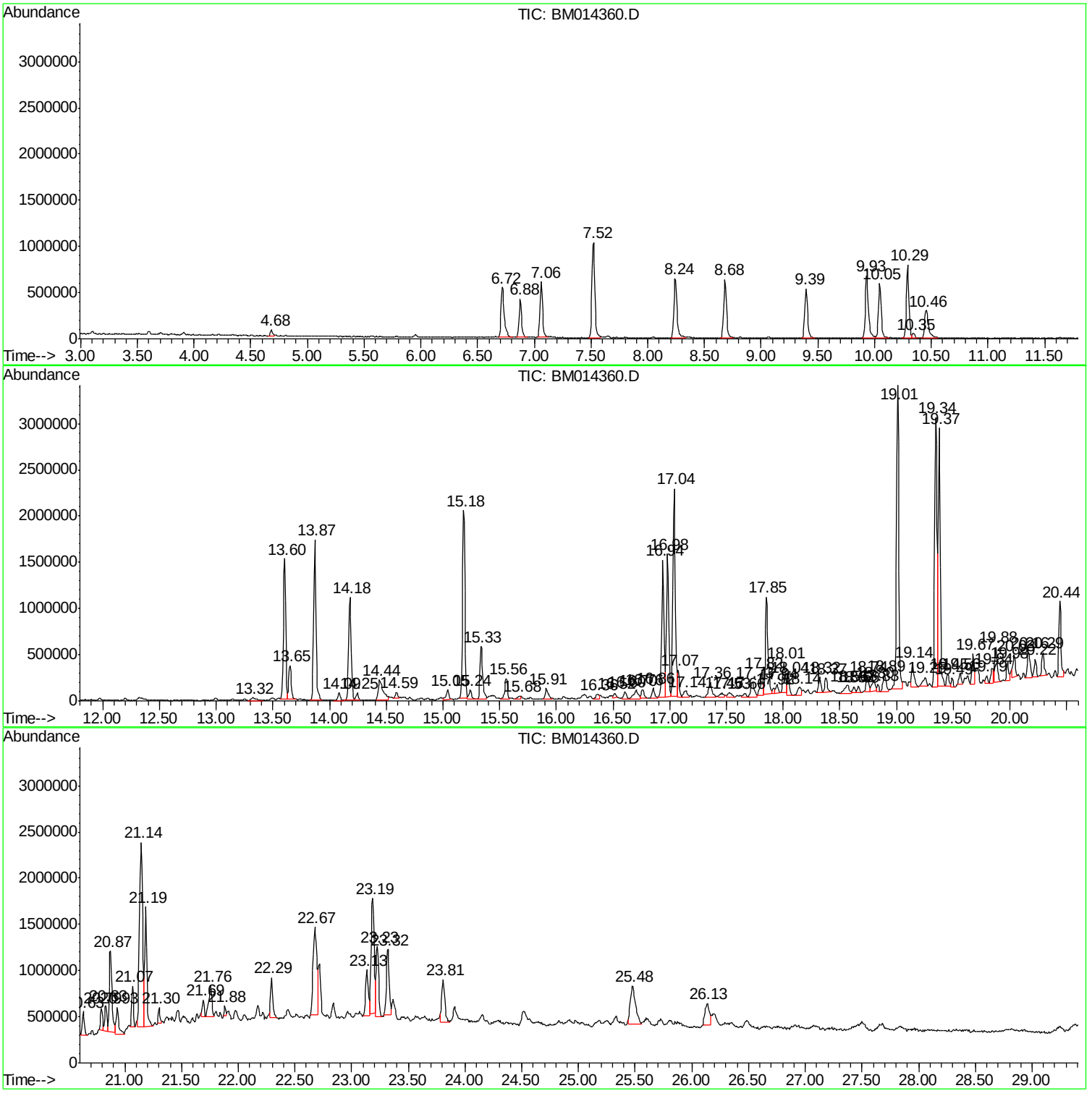
Sum of corrected areas: 79007670

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5X5

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
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Sample : J1646-11
Misc :
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Instrument : BNA_M
ClientSampleId : BE5X5

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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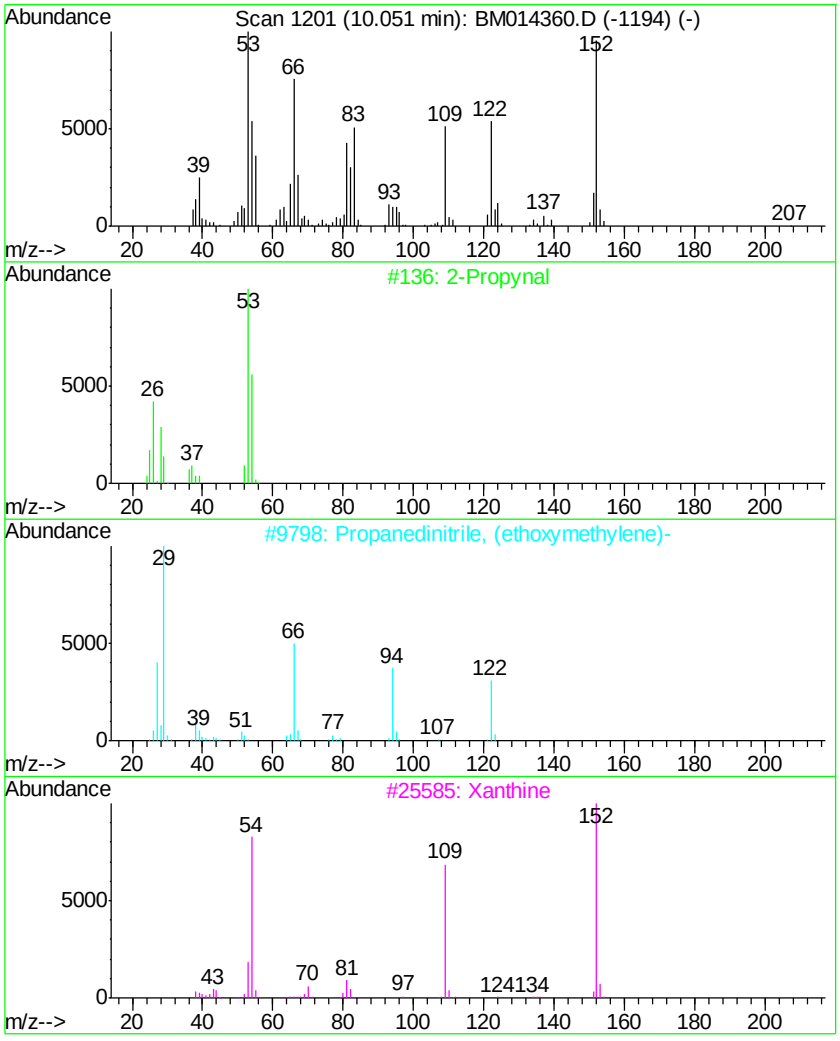
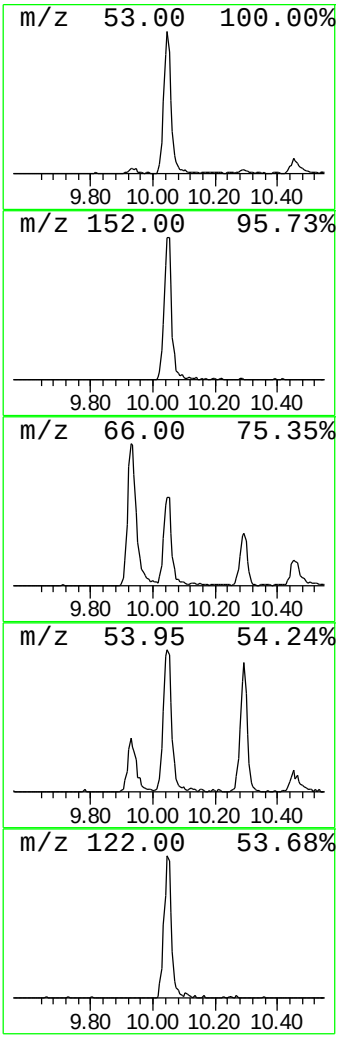
Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	15.57 ng/ul	1003750	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propynal	54	C3H2O	000624-67-9	25
2	Propanedinitrile, (ethoxymethyle...	122	C6H6N2O	000123-06-8	11
3	Xanthine	152	C5H4N4O2	000069-89-6	11
4	Xanthine	152	C5H4N4O2	000069-89-6	11
5	Propanedinitrile, (ethoxymethyle...	122	C6H6N2O	000123-06-8	11





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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

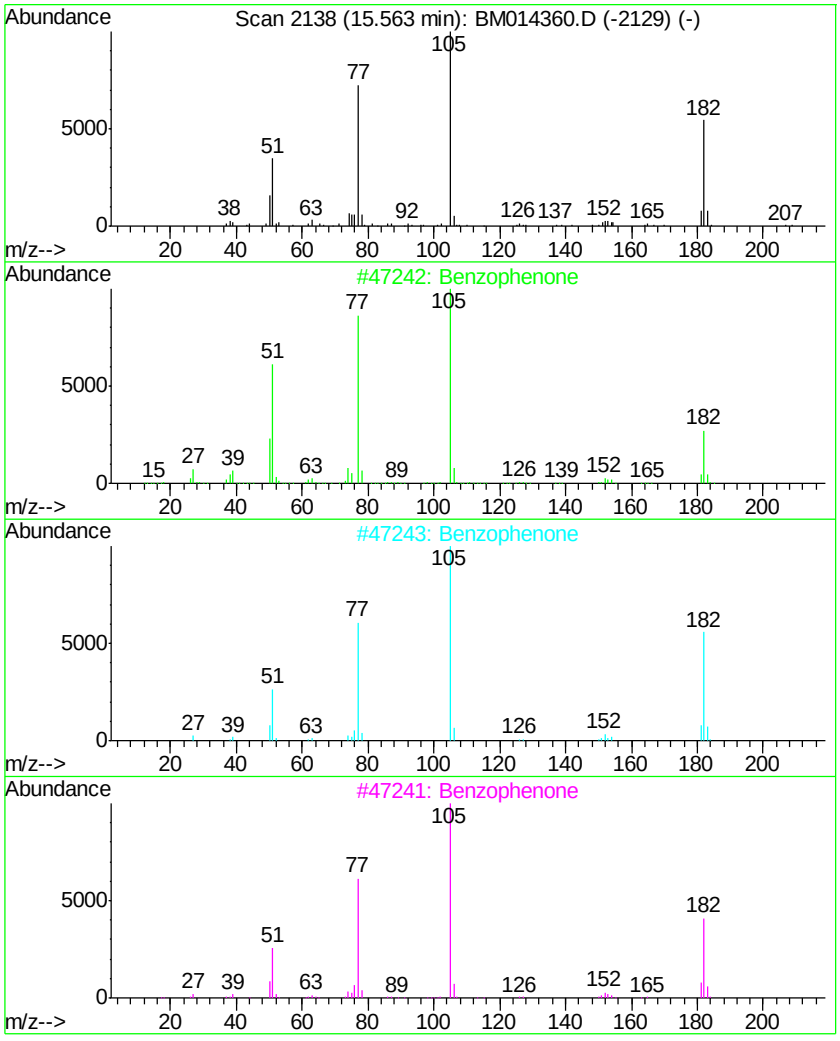
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

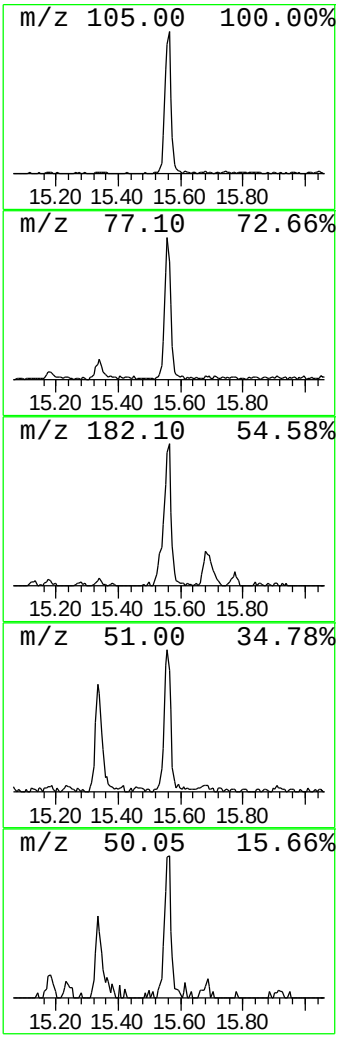
****

Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	4.05 ng/ul	348629	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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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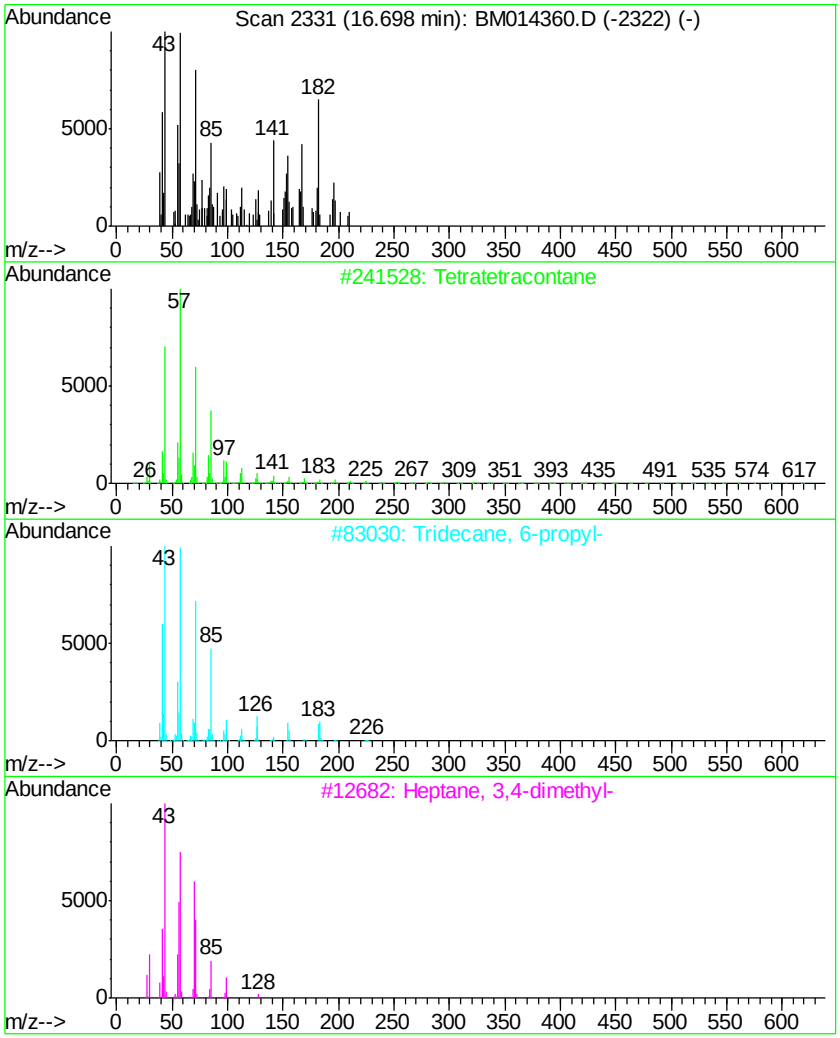
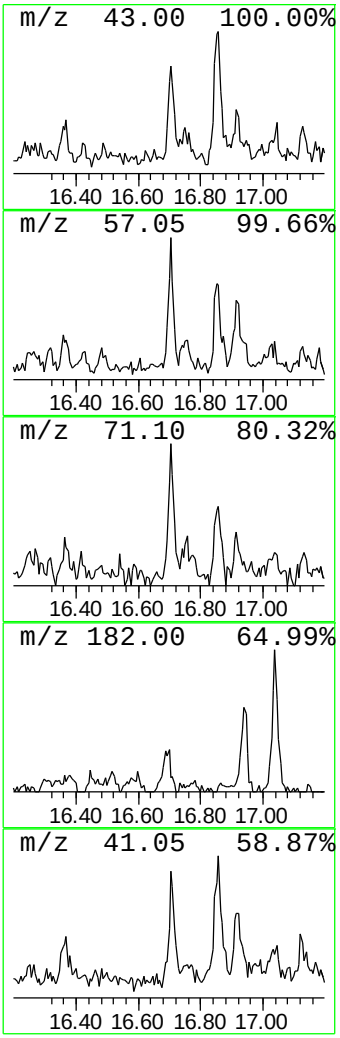
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.40 ng/ul	249028	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	52
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	52
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49
4	Tetratetracontane	619	C44H90	007098-22-8	49
5	Octacosane	394	C28H58	000630-02-4	49





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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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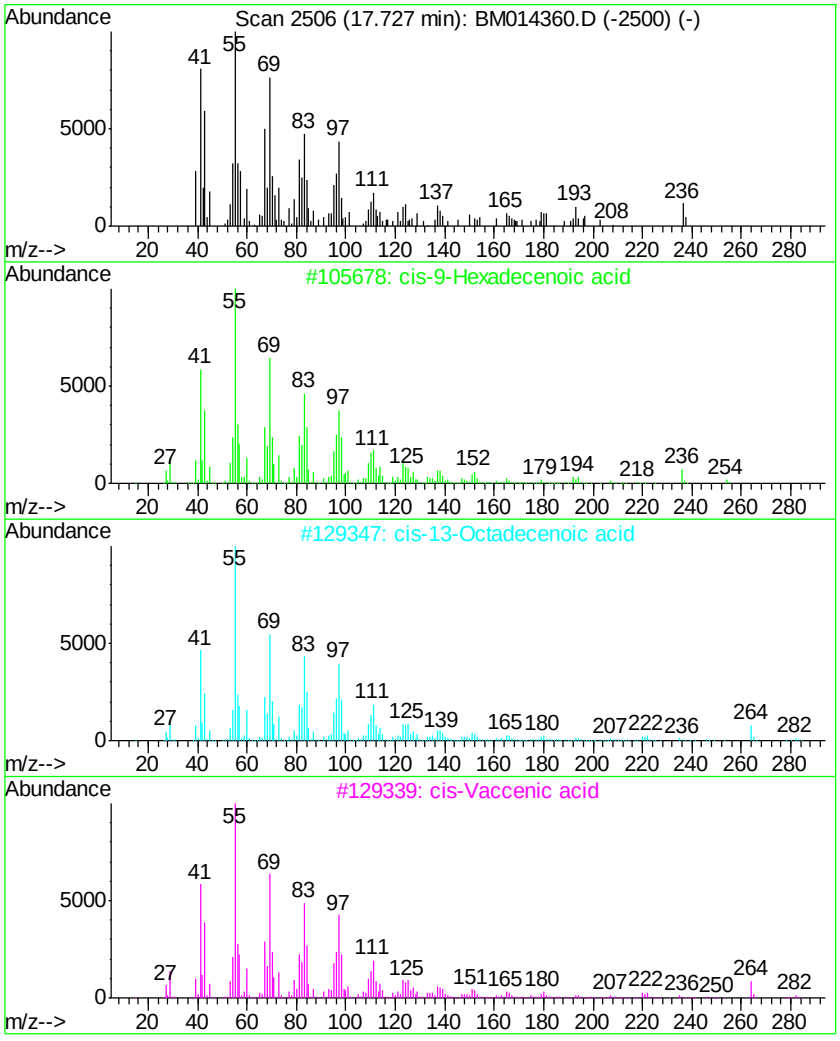
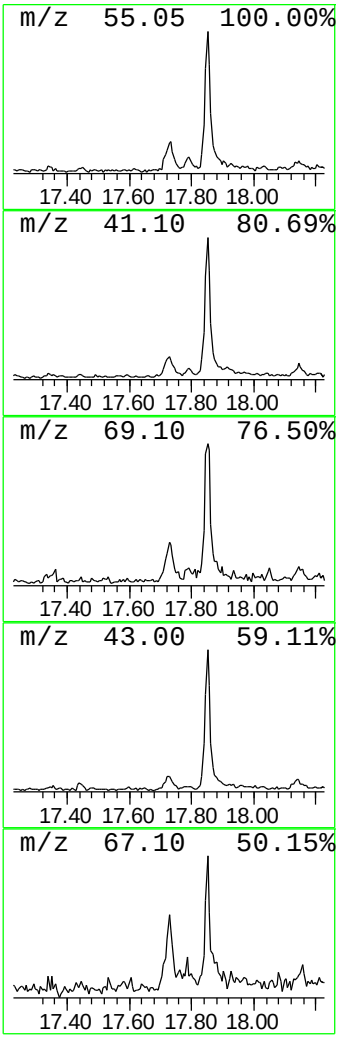
Peak Number 5 cis-9-Hexadecenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.25 ng/ul	336446	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	81
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	74
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	68
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	64
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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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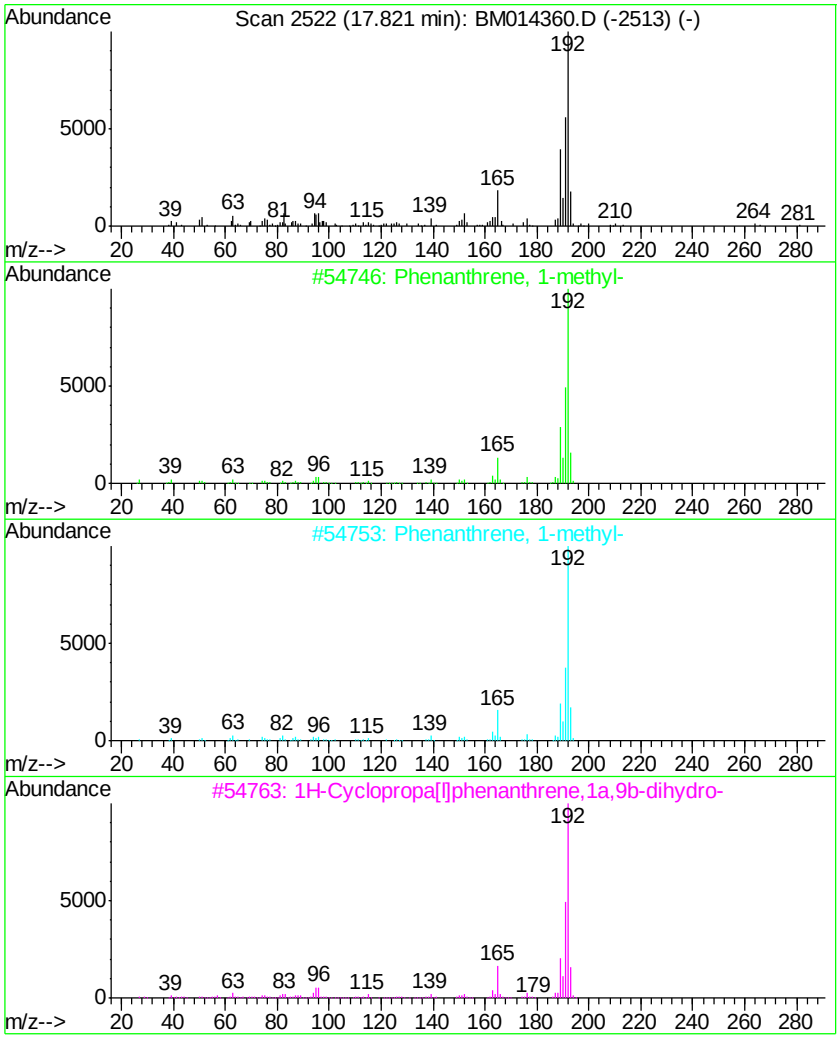
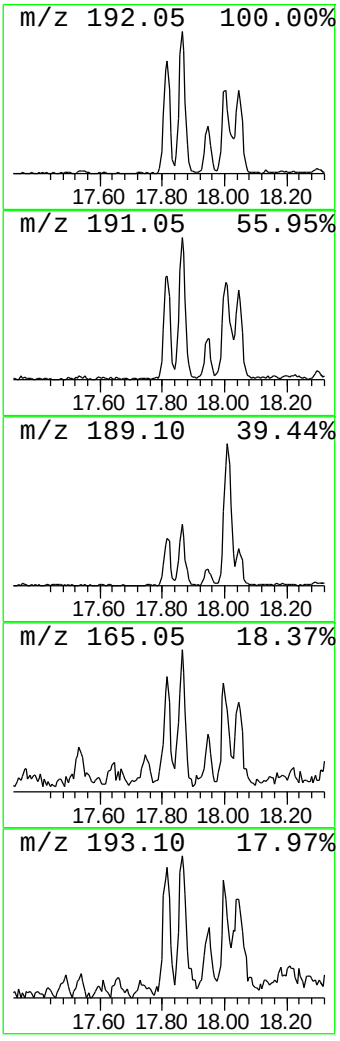
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.12 ng/ul	427115	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : J1646-11
Misc :
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Instrument : BNA_M
ClientSampleId : BE5X5

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Quant Title : SVOA CALIBRATION

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

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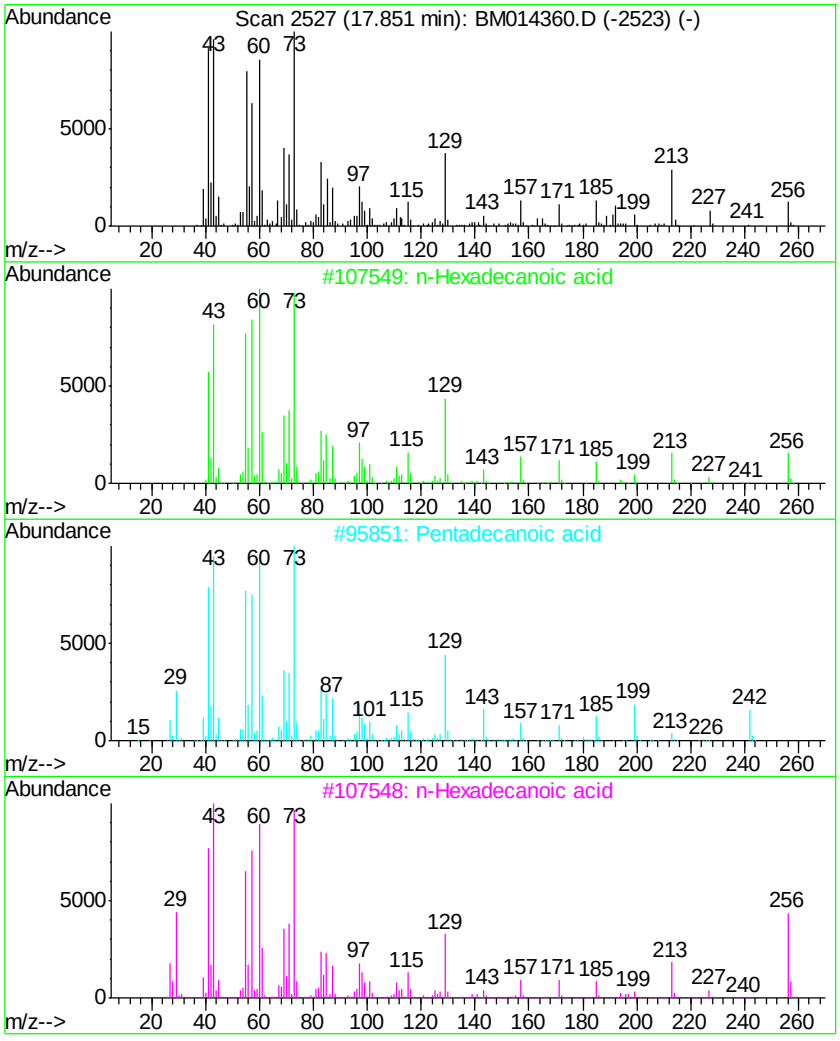
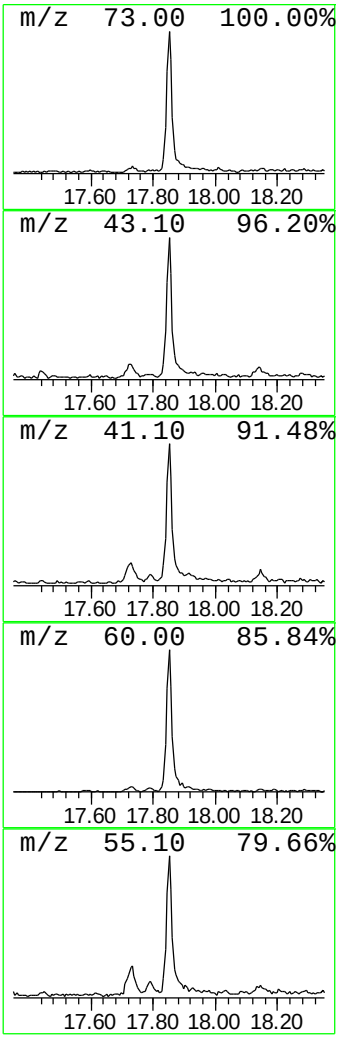
Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	16.47 ng/ul	1706370	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Quant Title : SVOA CALIBRATION

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

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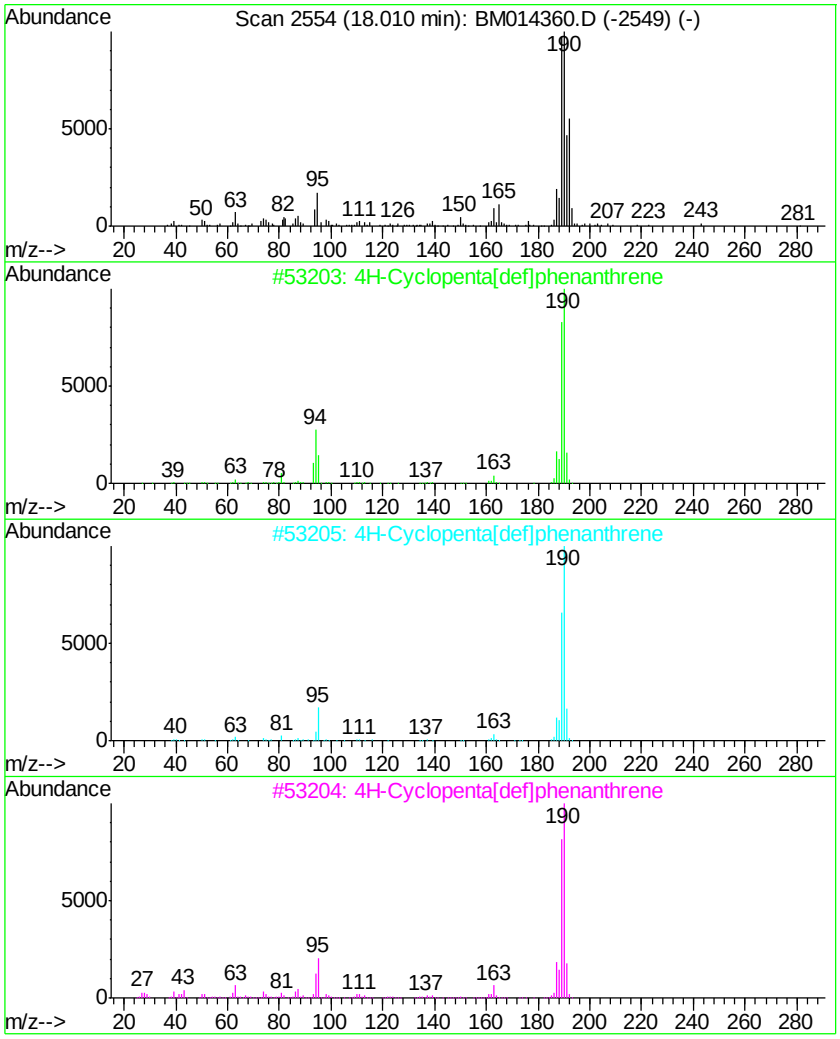
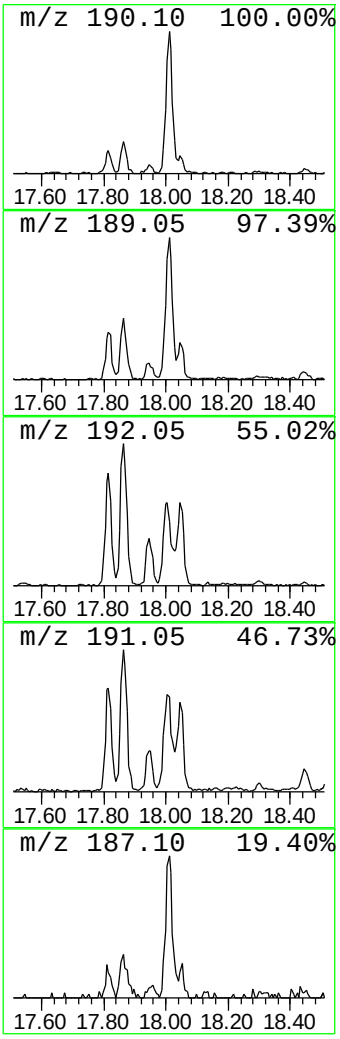
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	5.46 ng/ul	565928	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22





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Quant Title : SVOA CALIBRATION

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

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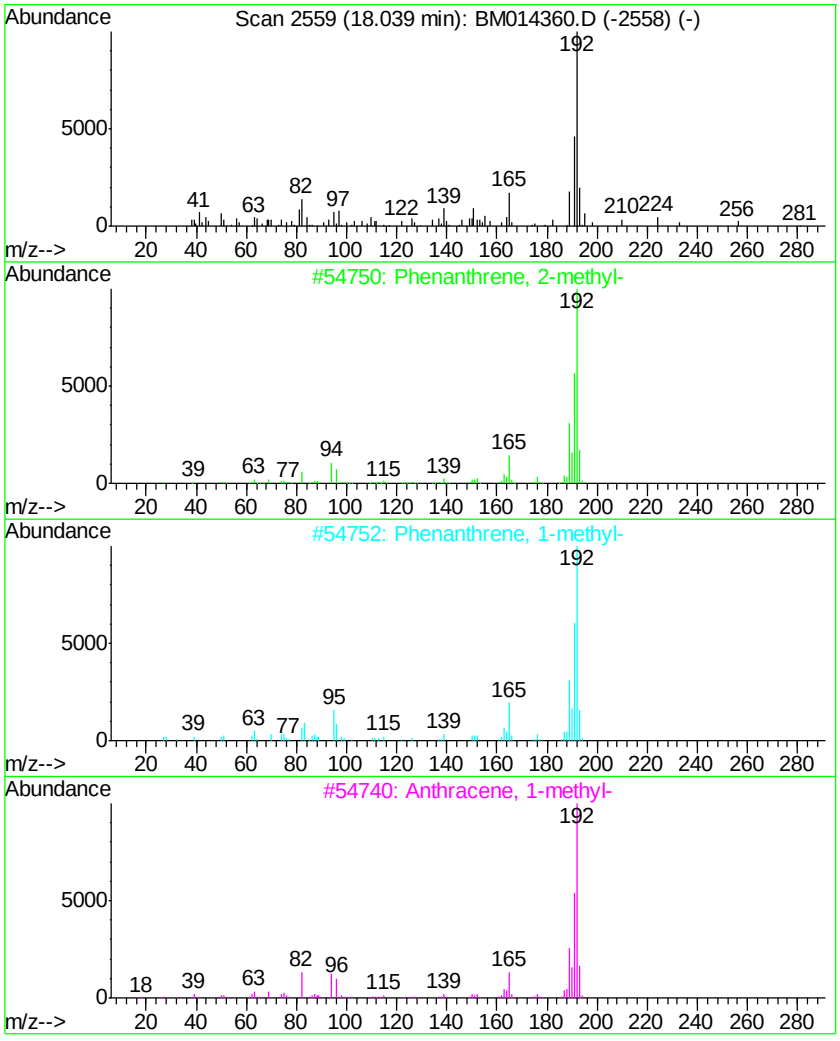
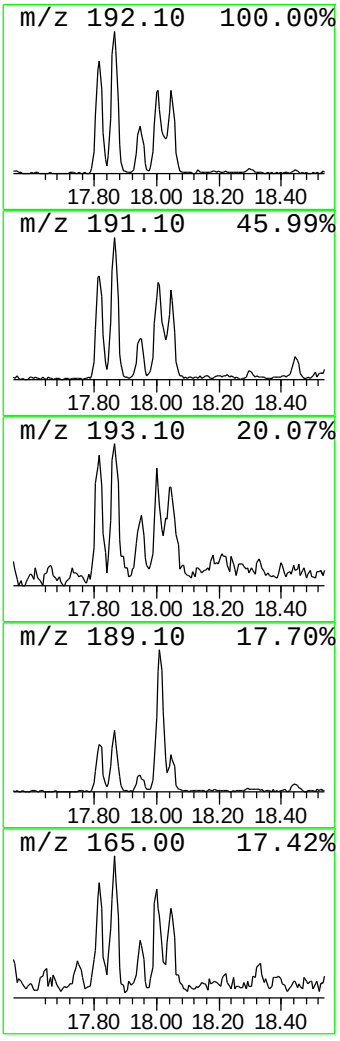
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.34 ng/ul	242035	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





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ClientSampleId : BE5X5

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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.40 ng/ul	248907	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Anthracene, 9,10-bis(O-anisyloxy...	450	C30H26O4	1000154-05-7	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
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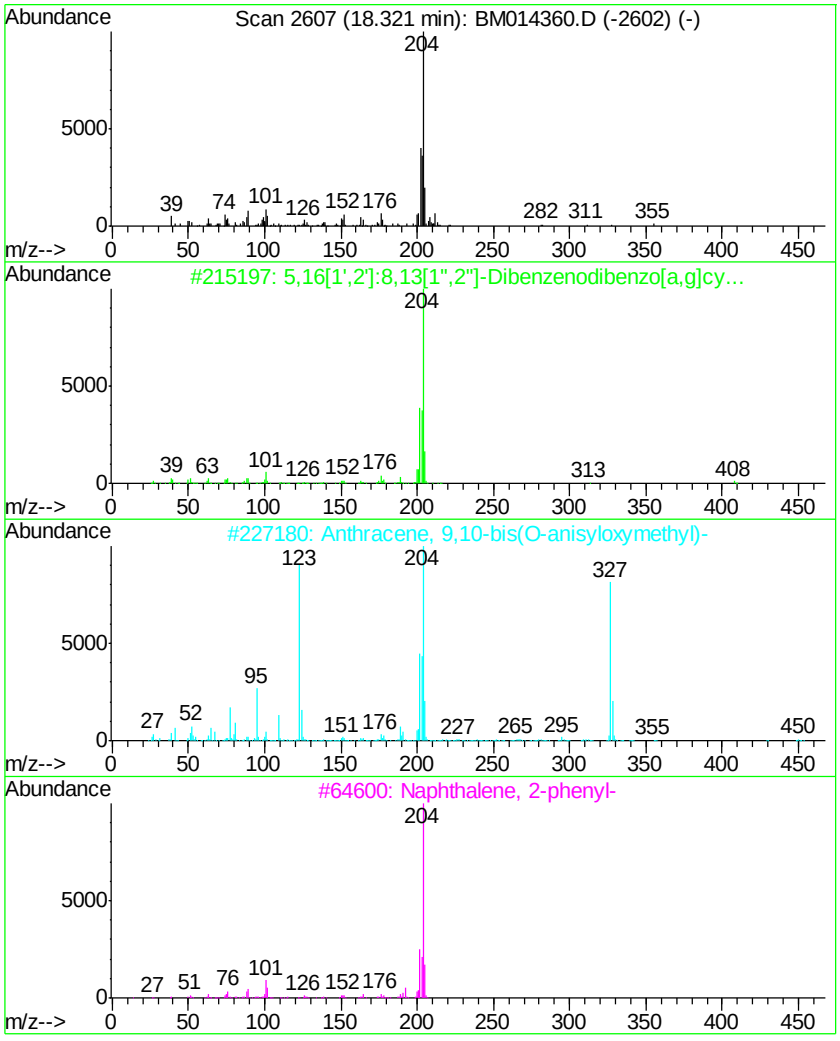

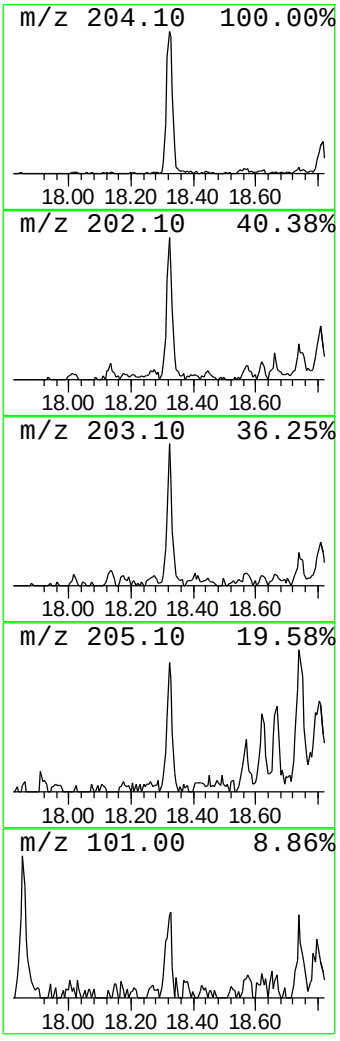

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Quant Title : SVOA CALIBRATION

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

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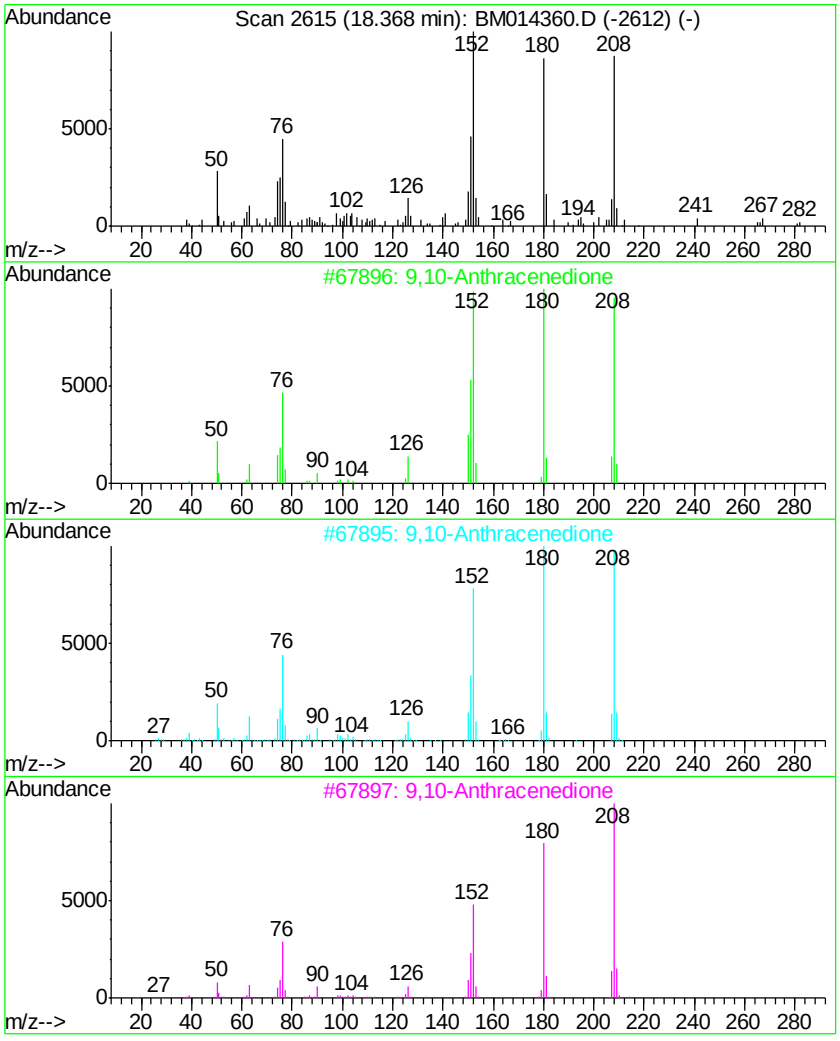
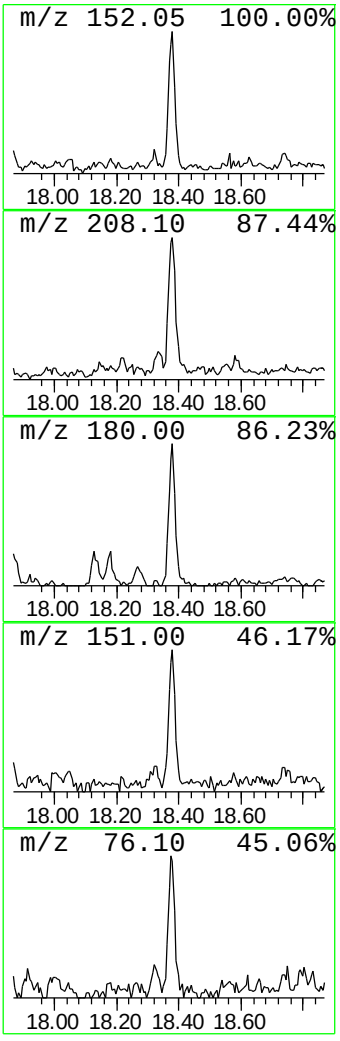
Peak Number 11 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.26 ng/ul	234115	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Quant Title : SVOA CALIBRATION

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

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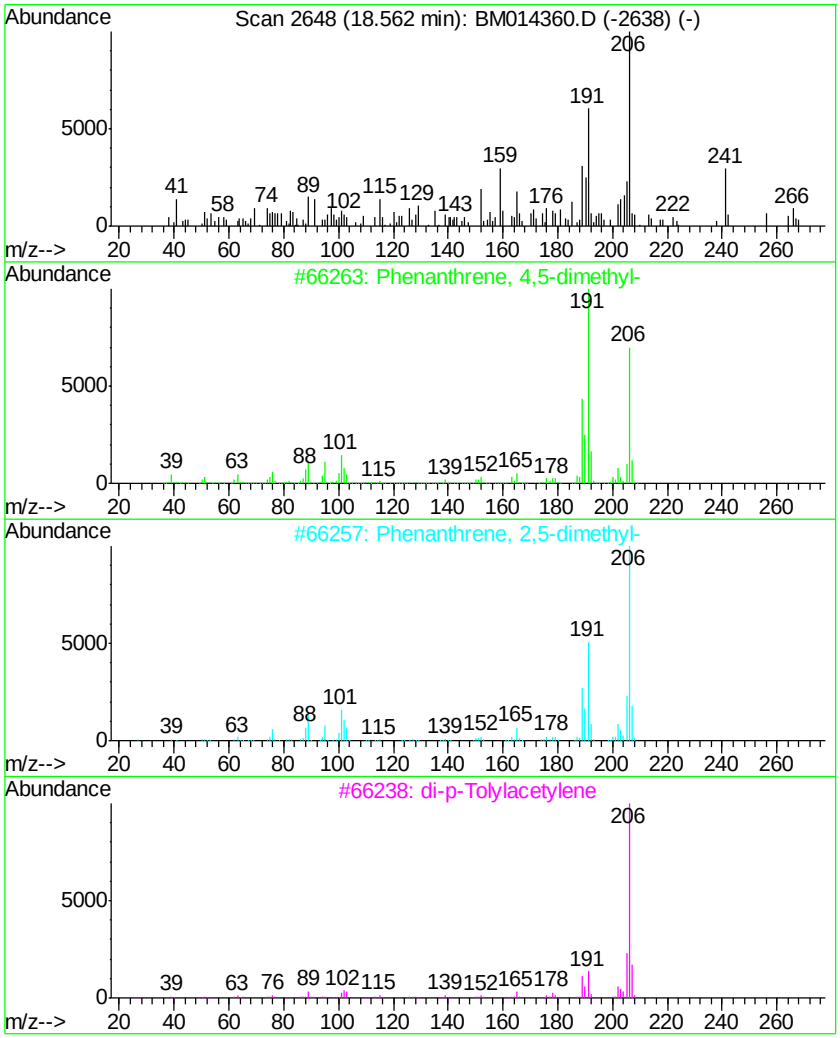
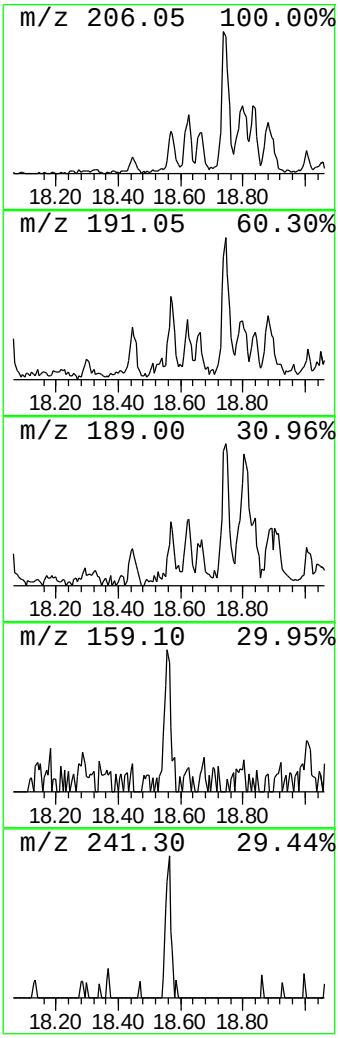
Peak Number 12 Phenanthrene, 4,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.45 ng/ul	253832	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	52





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Misc :
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Quant Title : SVOA CALIBRATION

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

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Peak Number 13 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.67 ng/ul	276169	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
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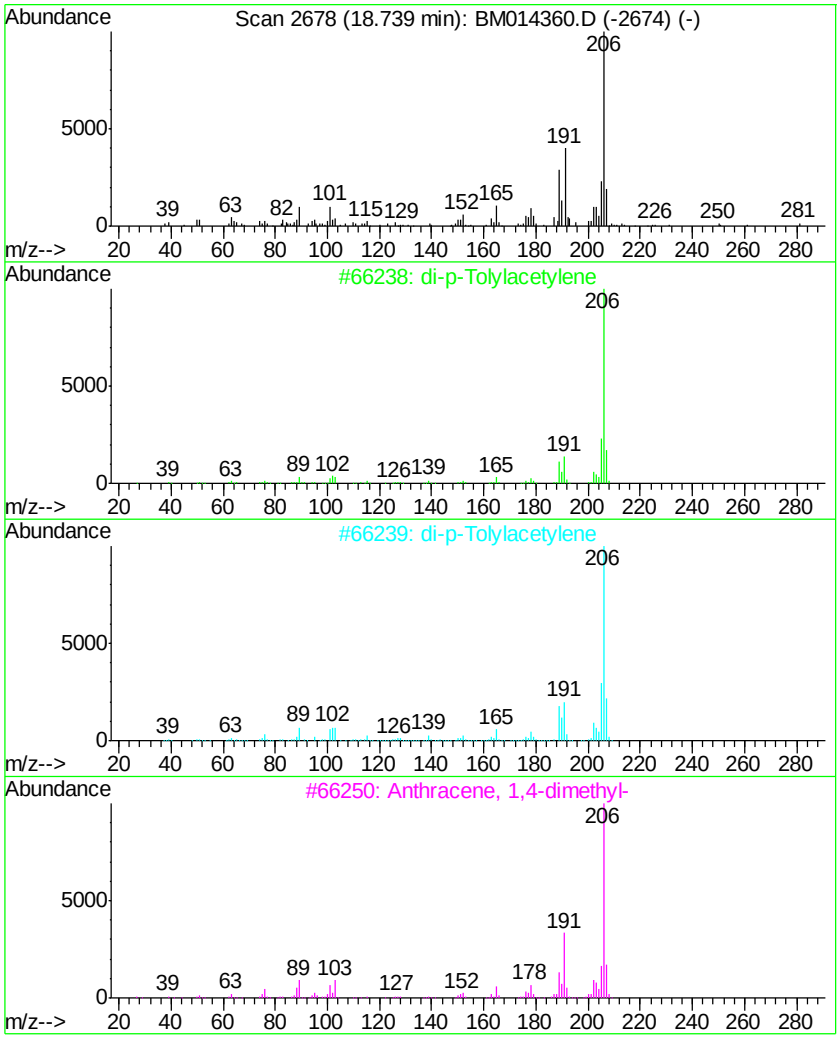

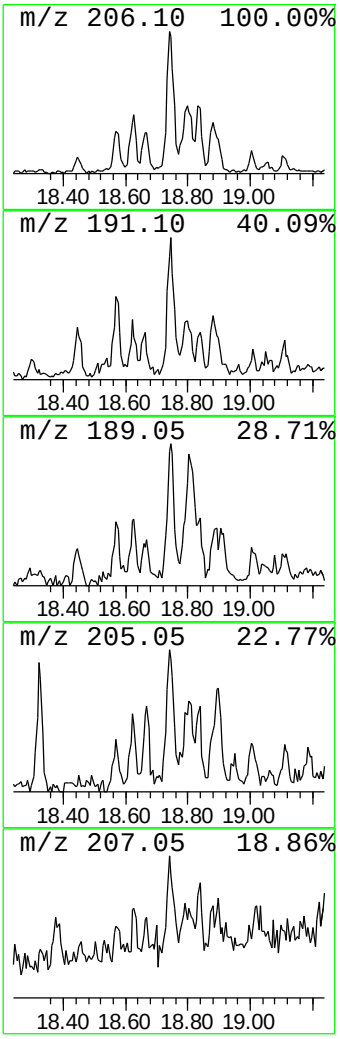

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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Phenanthrene, 2,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.29 ng/ul	237385	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	47
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
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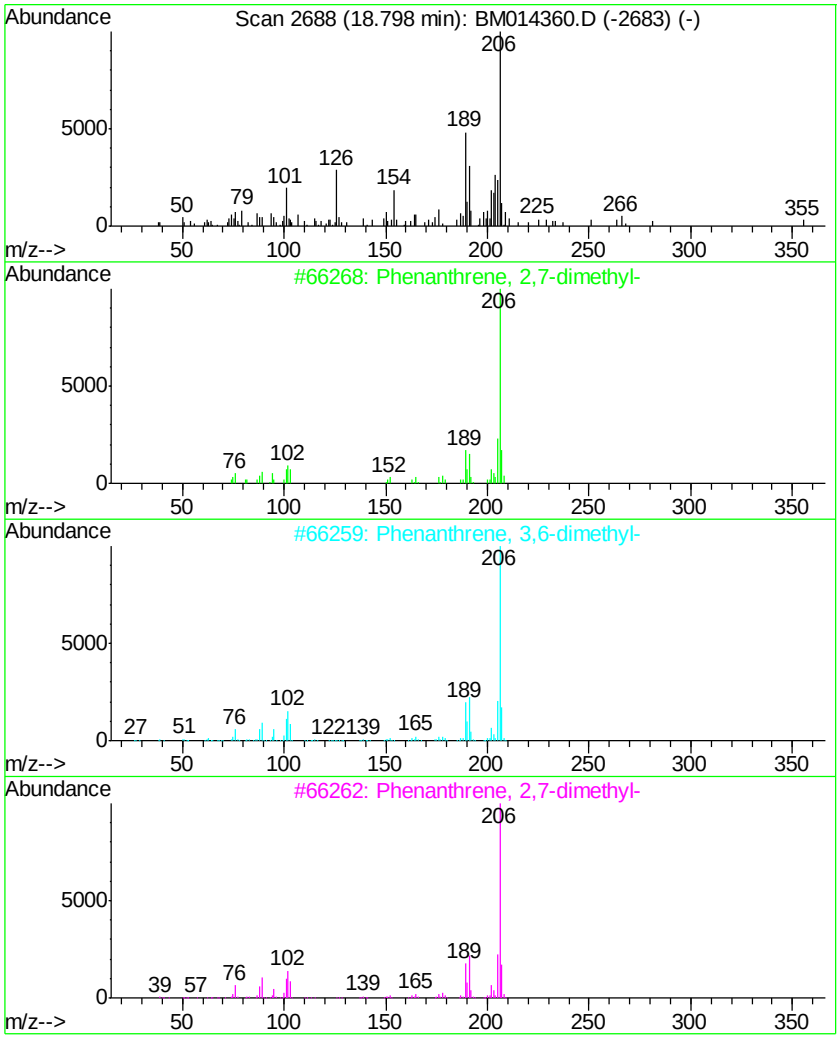

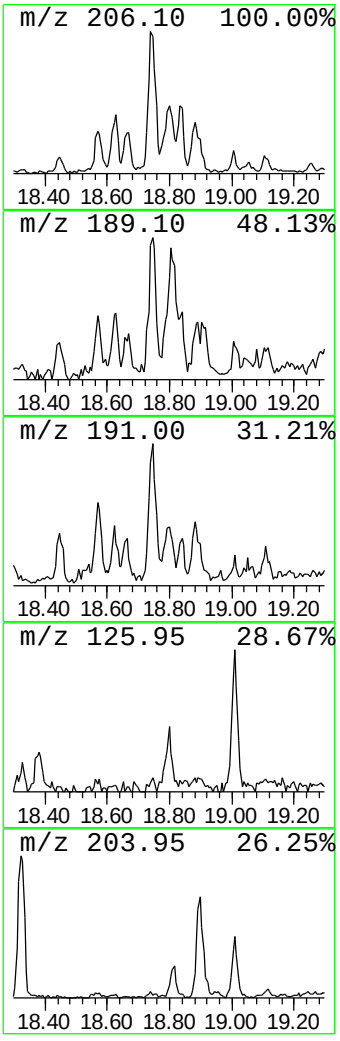

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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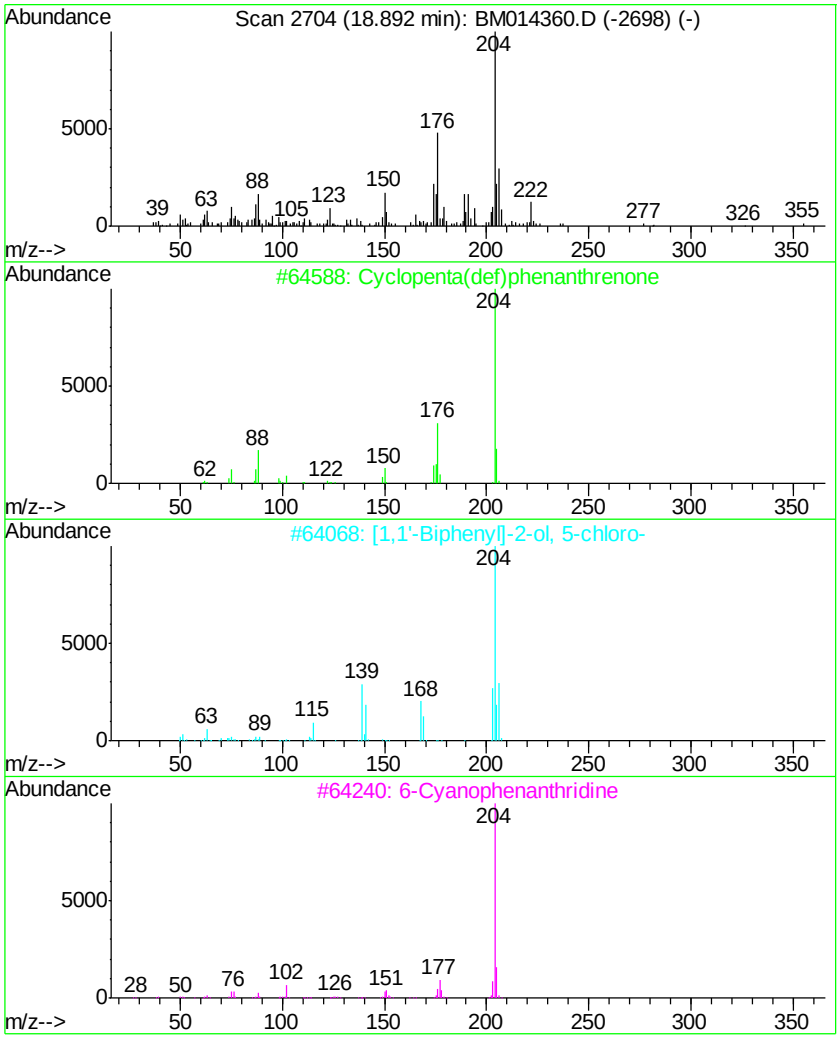
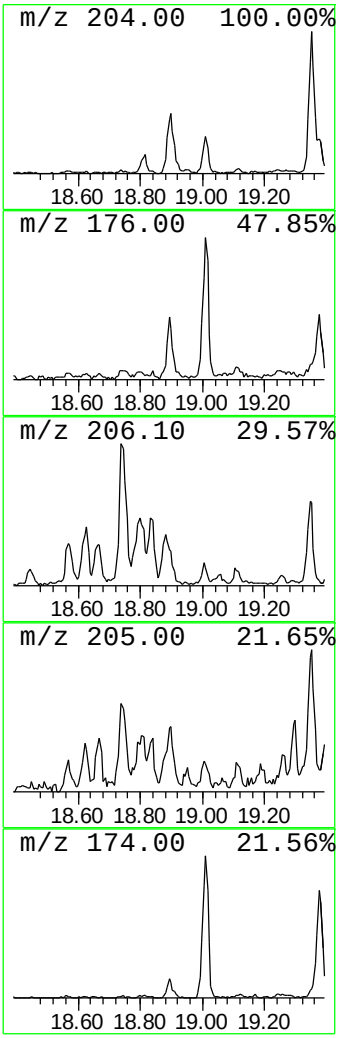
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.53 ng/ul	365182	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	38
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	1,4-Naphthalenedione, 5,8-dihydr...	204	C11H8O4	014554-09-7	38





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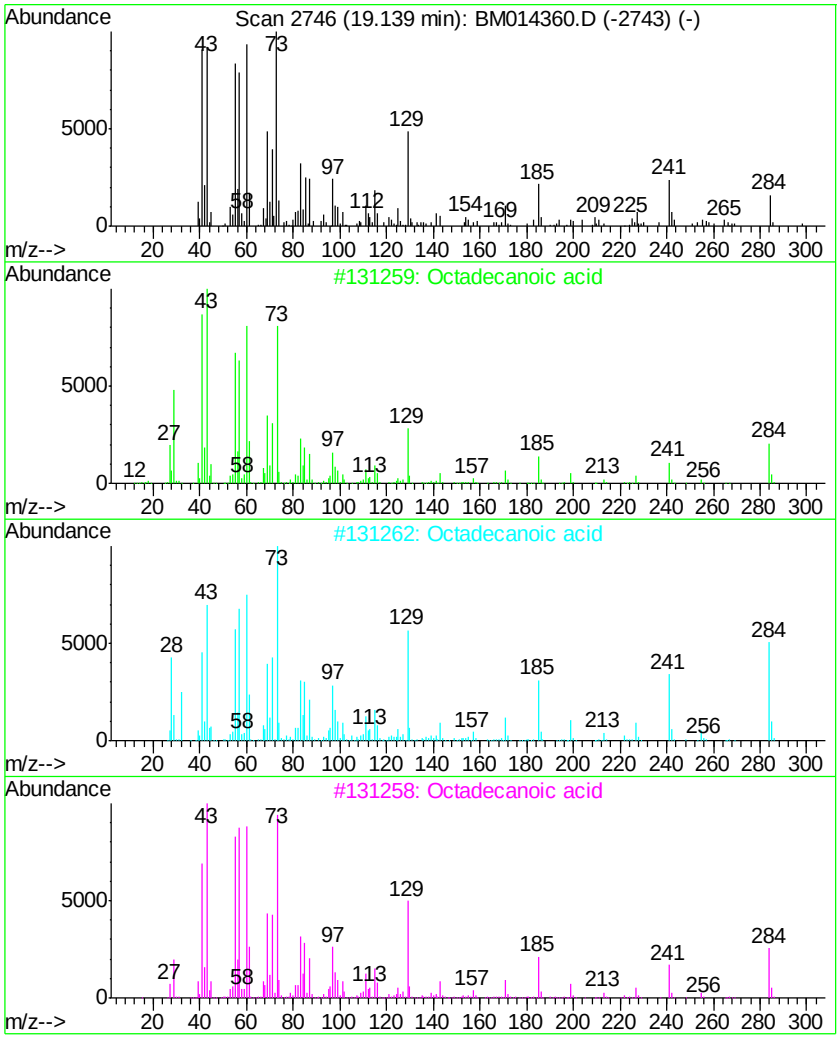
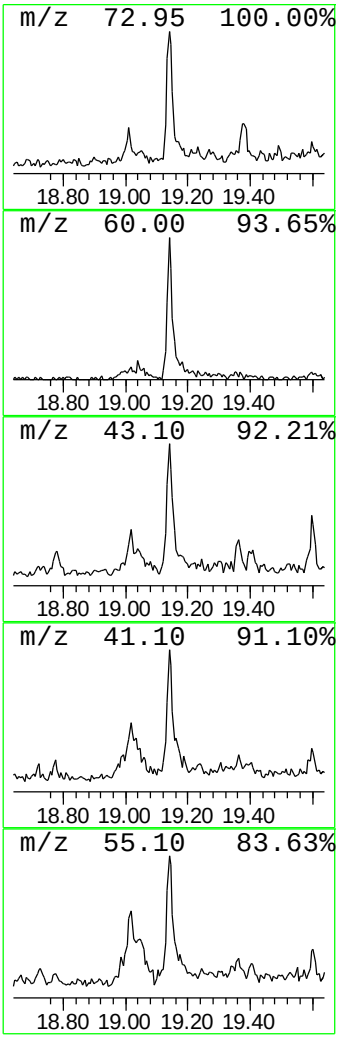
Peak Number 16 Octadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.00 ng/ul	403298	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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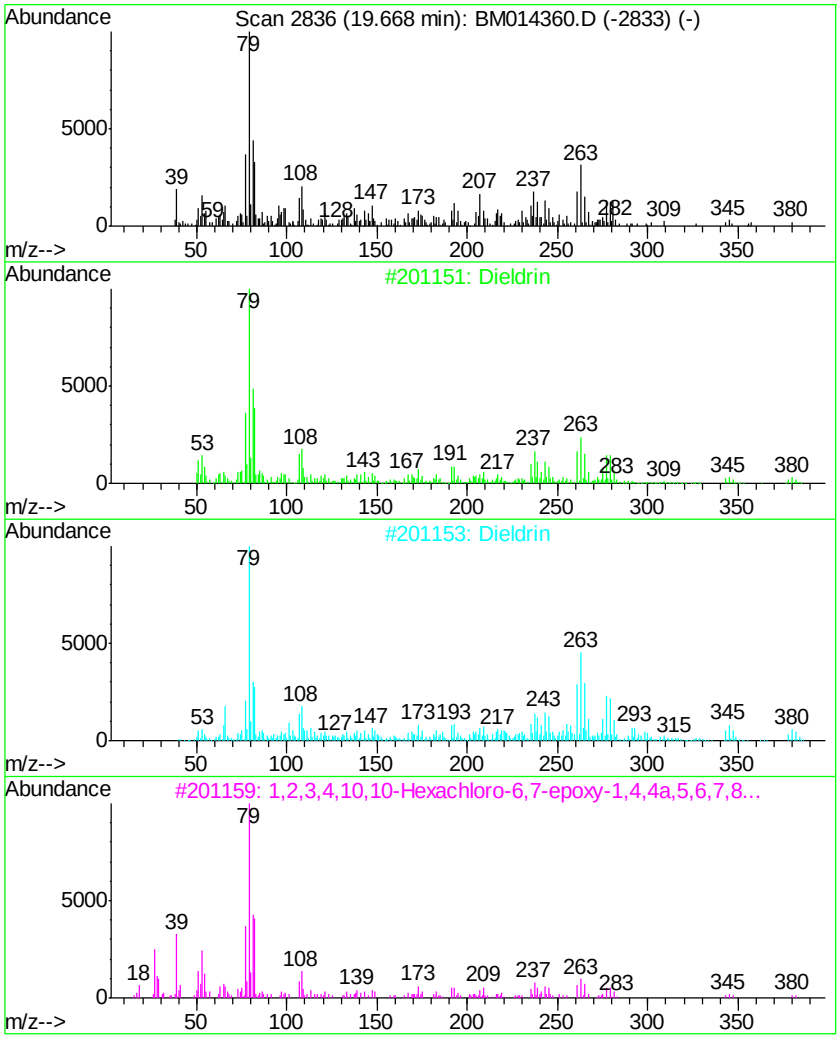
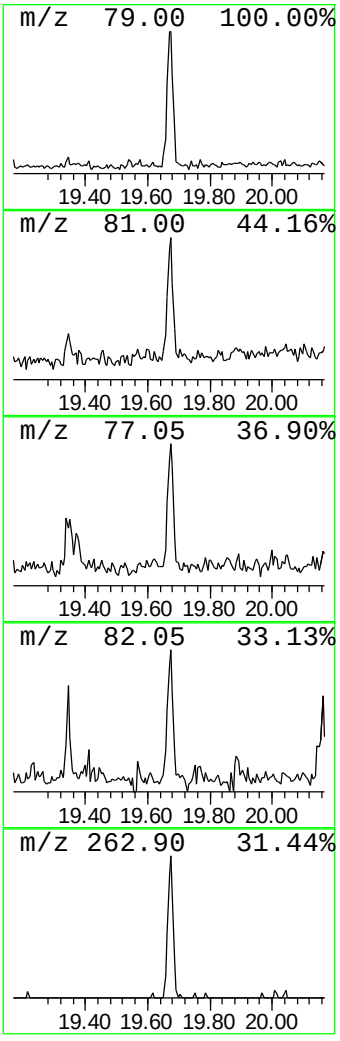
Peak Number 17 Dieldrin Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.37 ng/ul	476262	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	96
2	Dieldrin	378	C12H8Cl6O	000060-57-1	53
3	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	46
4	6,7-Dichloro-3-[2-pyridyl]-2-qui...	291	C13H7Cl2N3O	019836-03-4	37
5	1-Methylcyclohexa-2,4-diene	94	C7H10	1000298-96-1	30





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

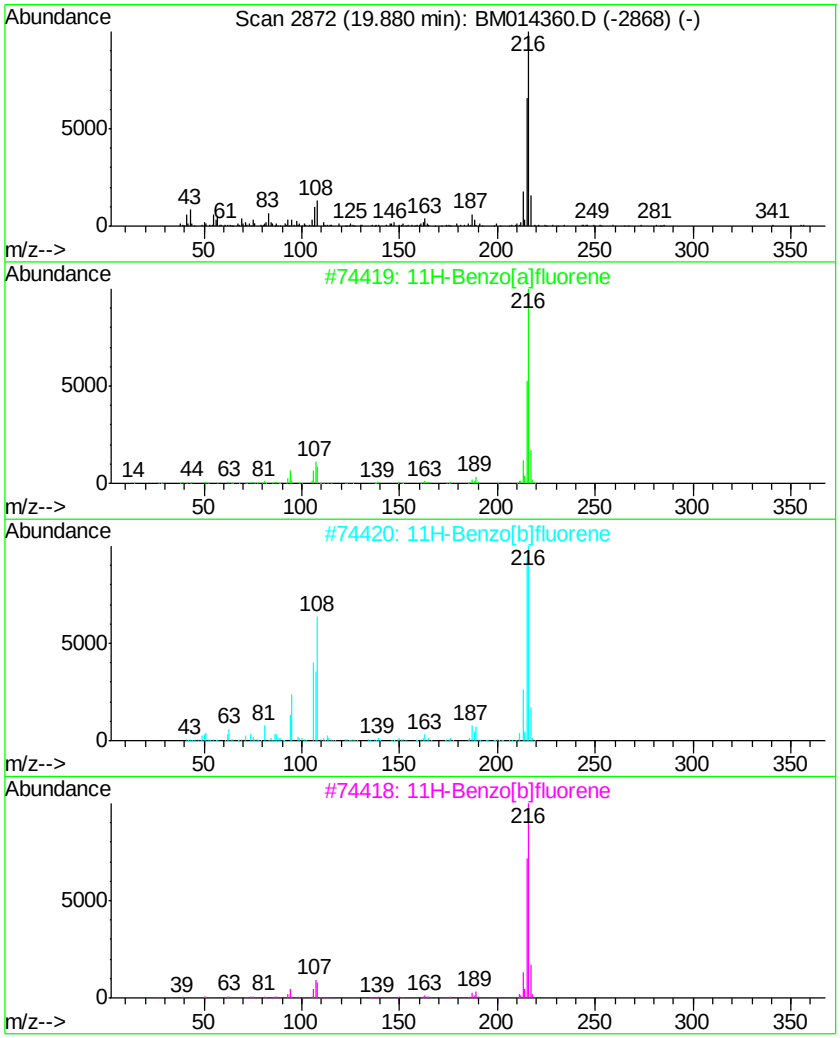
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

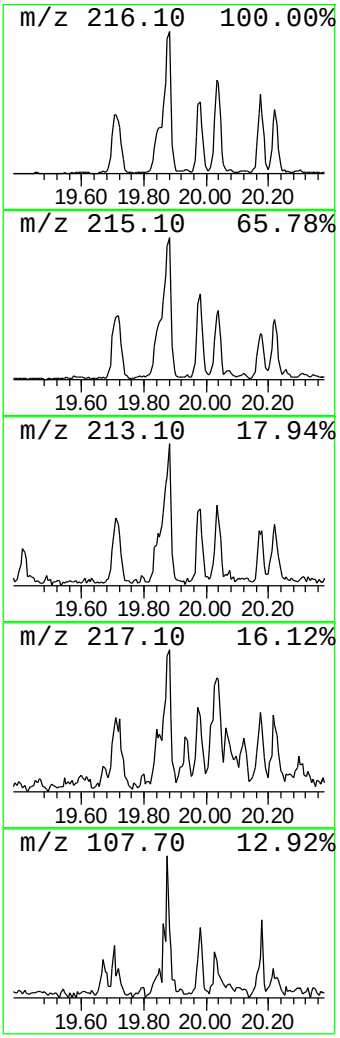
****

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.85 ng/ul	573061	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

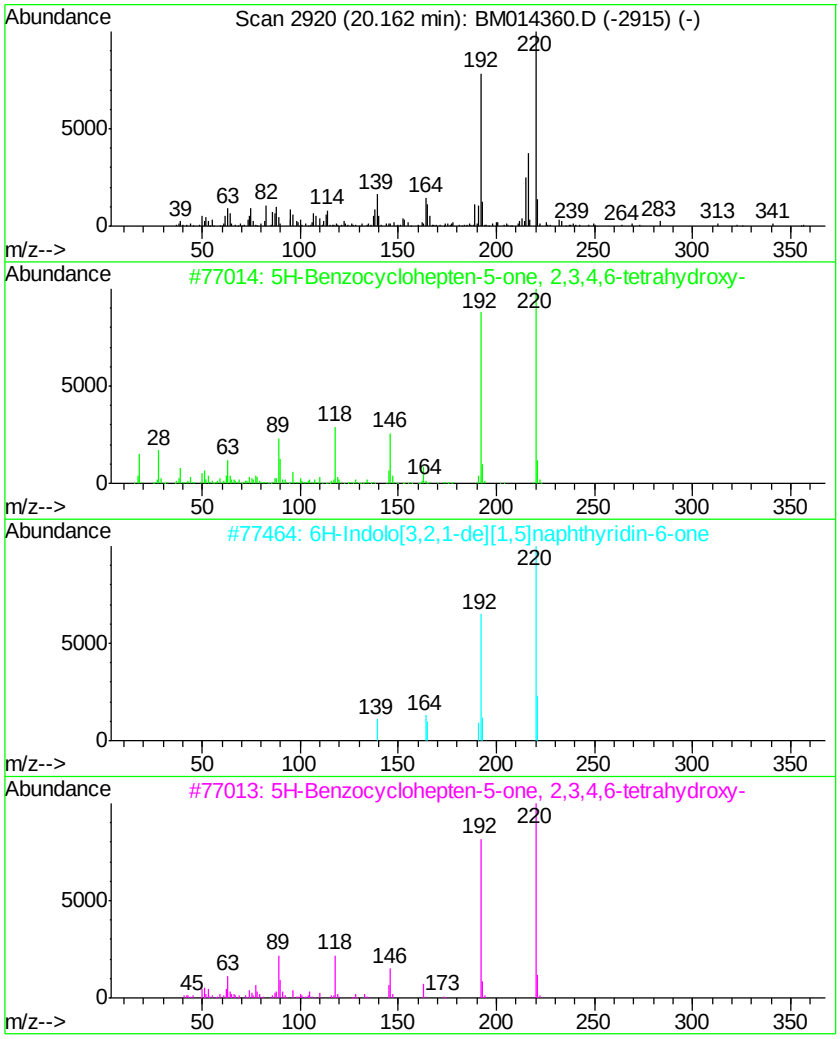
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

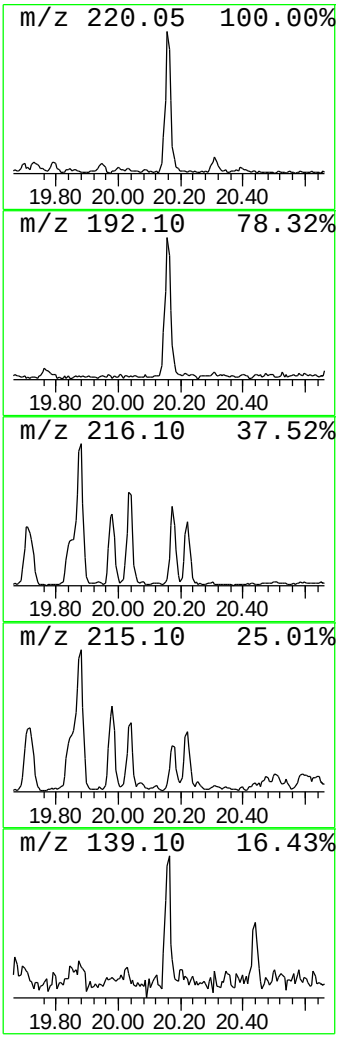
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 5H-Benzocyclohepten-5-one, ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.66 ng/ul	535935	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Benzocyclohepten-5-one, 2,3,4...	220	C11H8O5	000569-77-7	70
2	6H-Indolo[3,2,1-de][1,5]naphthyr...	220	C14H8N2O	000479-43-6	68
3	5H-Benzocyclohepten-5-one, 2,3,4...	220	C11H8O5	000569-77-7	62
4	Fluorene-2,4-dione, 7-ethoxy-3-p...	339	C17H13N3O3S	1000310-69-3	59
5	Naphthalene, 2-phenoxy-	220	C16H12O	019420-29-2	38





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Instrument : BNA_M
ClientSampleId : BE5X5

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

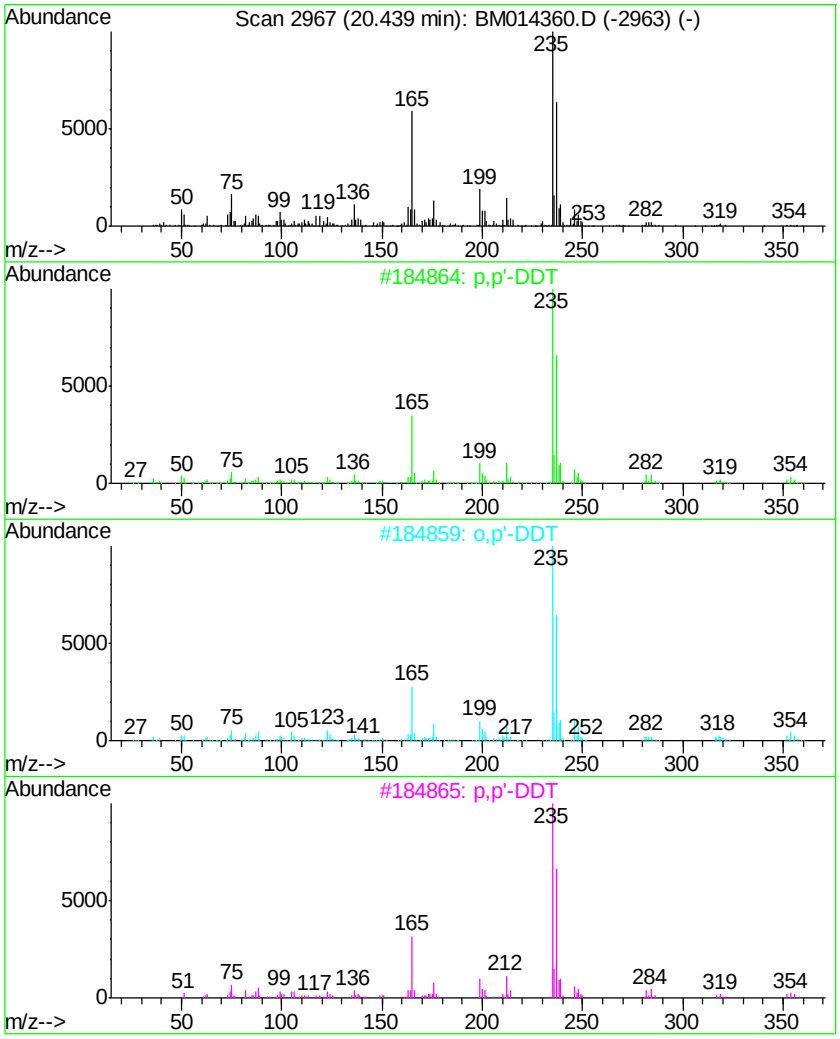
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

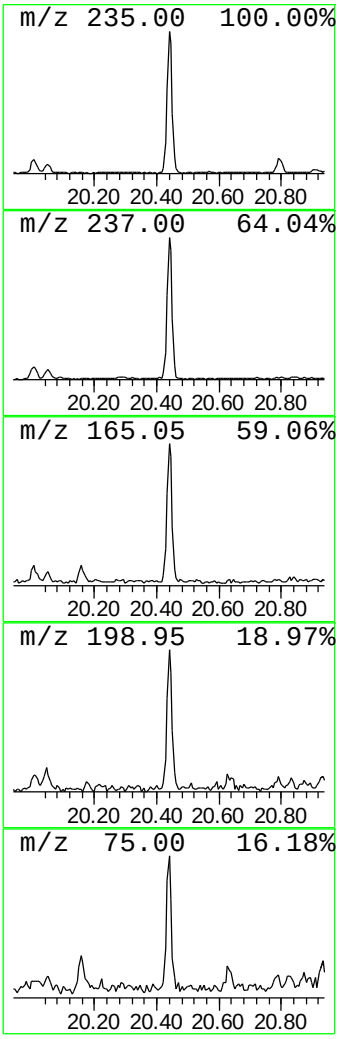
****

Peak Number 20 p,p'-DDT Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	5.02 ng/ul	1009710	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	96
2	o,p'-DDT	352	C14H9Cl5	000789-02-6	96
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	95
4	Mitotane	318	C14H10Cl4	000053-19-0	91
5	o,p'-DDT	352	C14H9Cl5	000789-02-6	91





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Sample : J1646-11
Misc :
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ClientSampleId : BE5X5

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Quant Title : SVOA CALIBRATION

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

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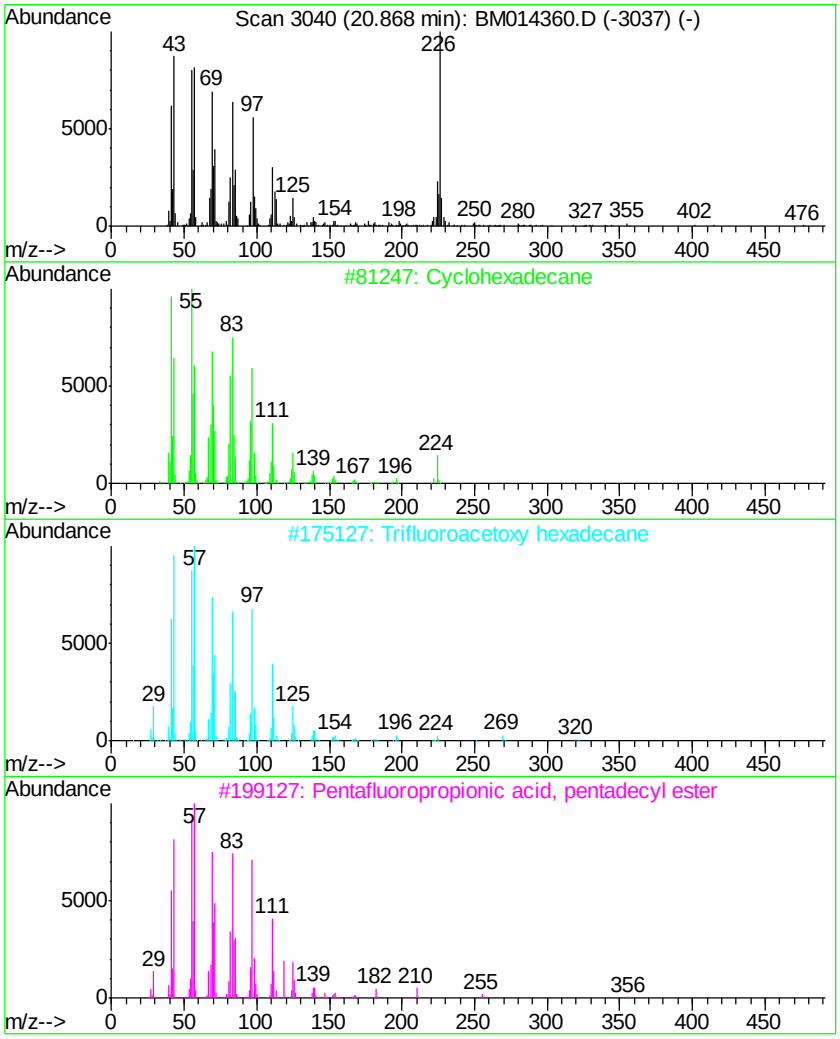
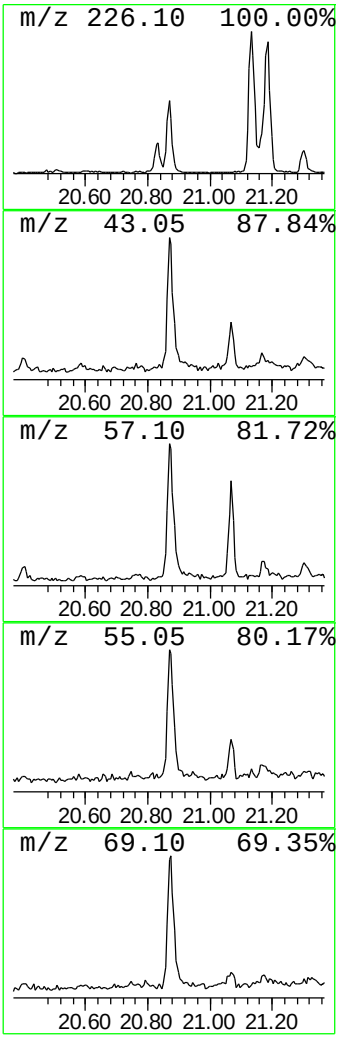
Peak Number 21 (DEL) Alkane: Cyclic20.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.13 ng/ul	1434390	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





Library Search Compound Report

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Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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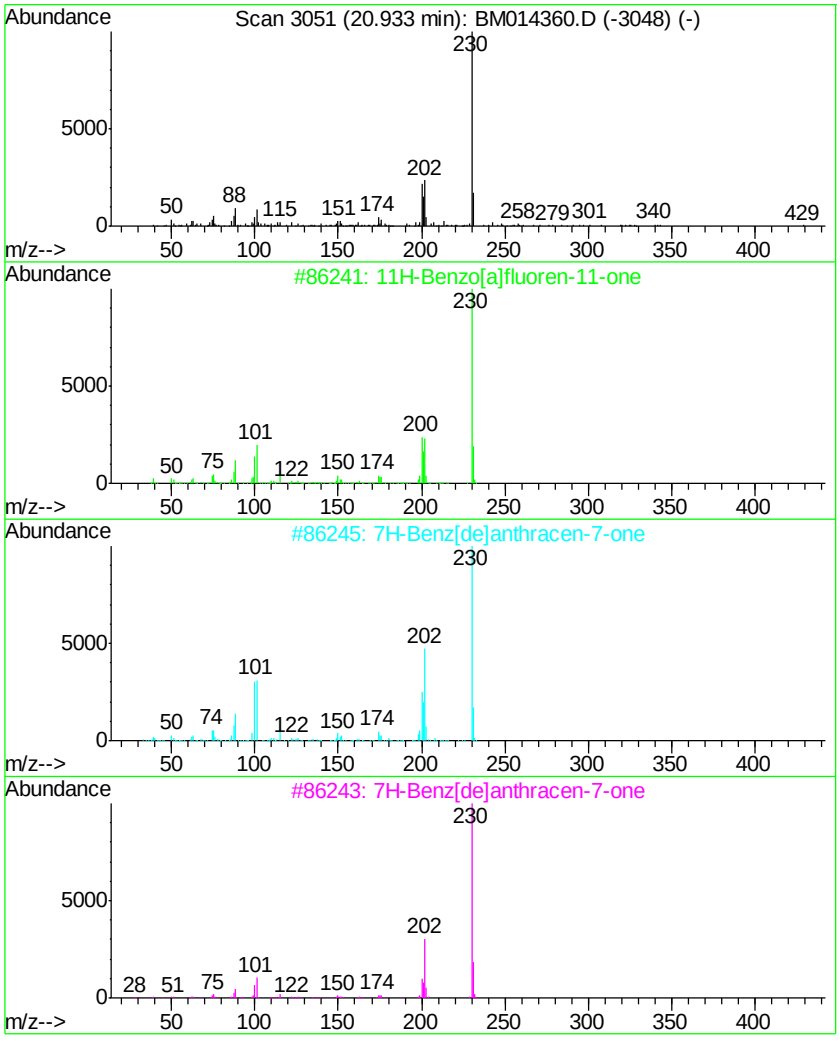
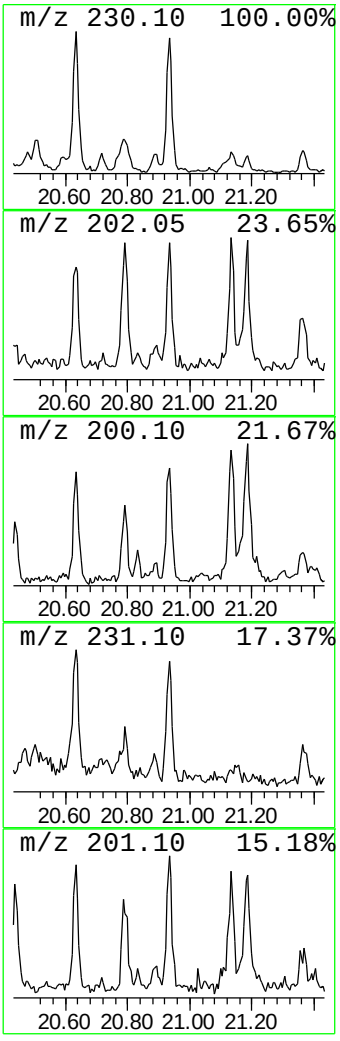
Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.30 ng/ul	463484	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	80
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Sample : J1646-11
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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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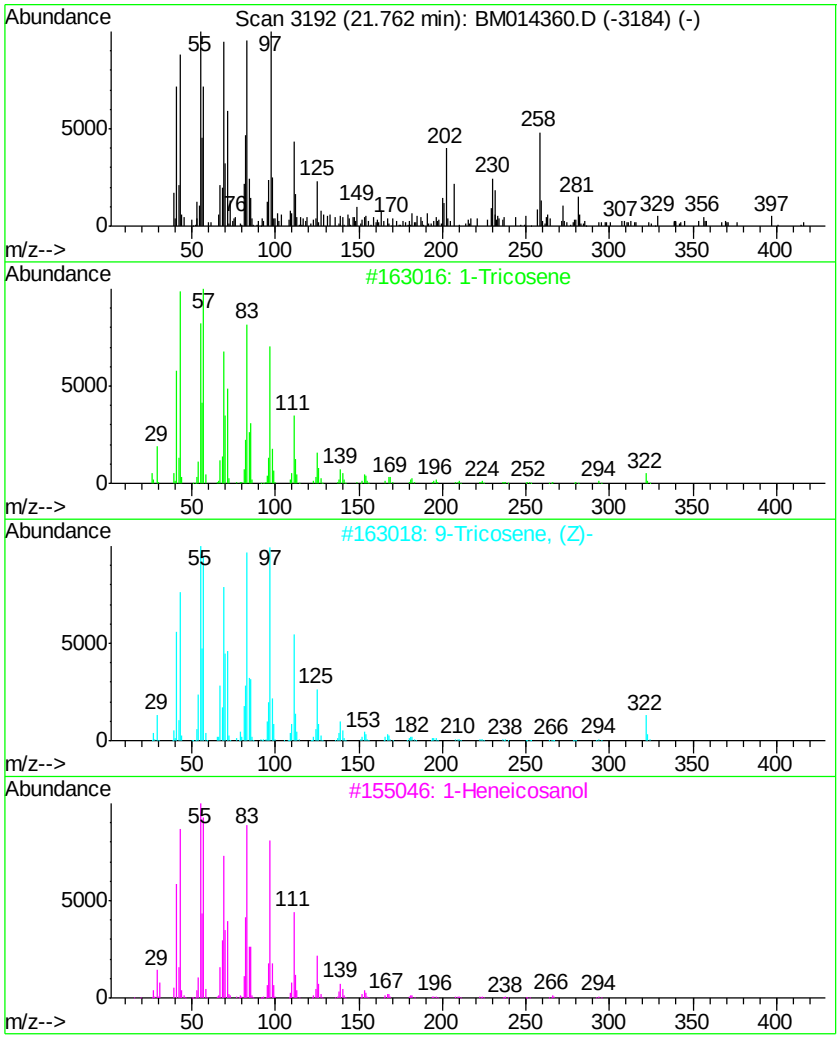
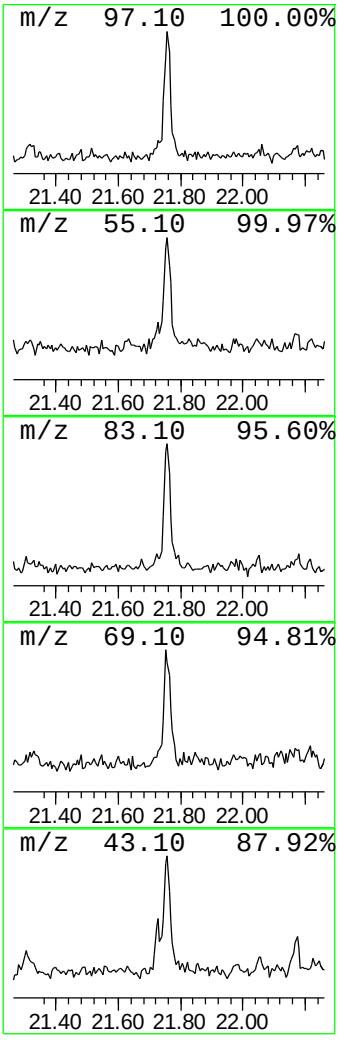
Peak Number 23 (DEL) Alkane: Cyclic21.76 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.14 ng/ul	632991	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





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Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
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ALS Vial : 11 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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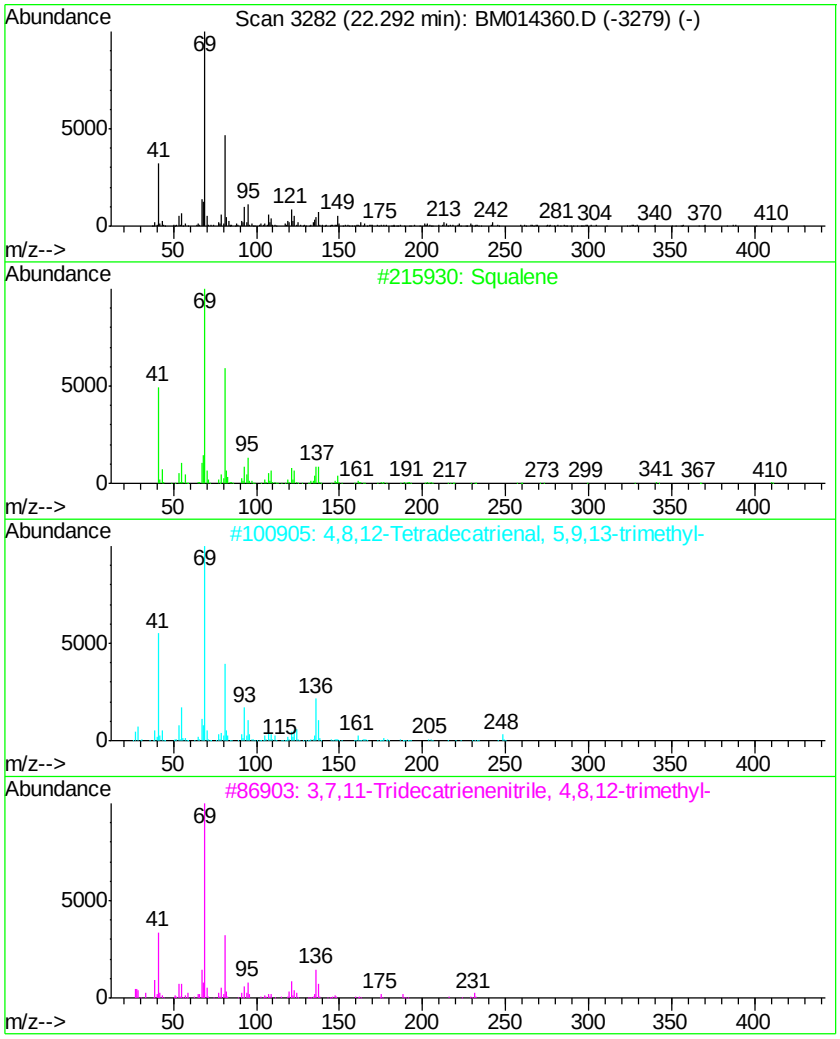
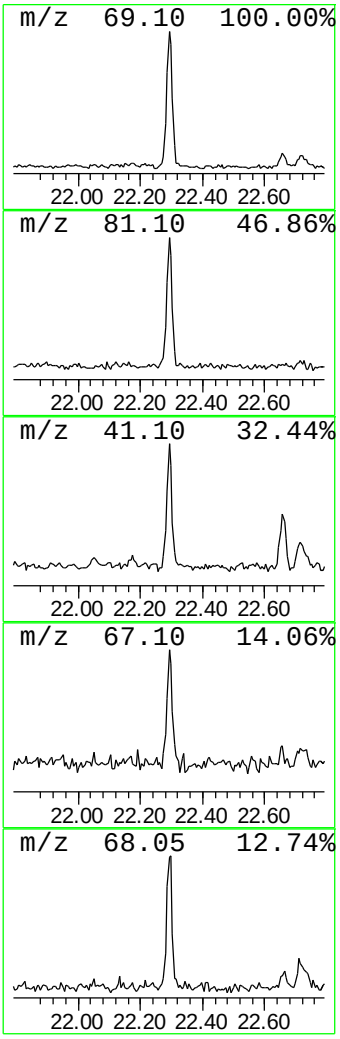
Peak Number 24 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	9.63 ng/ul	619441	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64
5	Farnesol isomer a	222	C15H26O	1000108-92-4	64





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Quant Title : SVOA CALIBRATION

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

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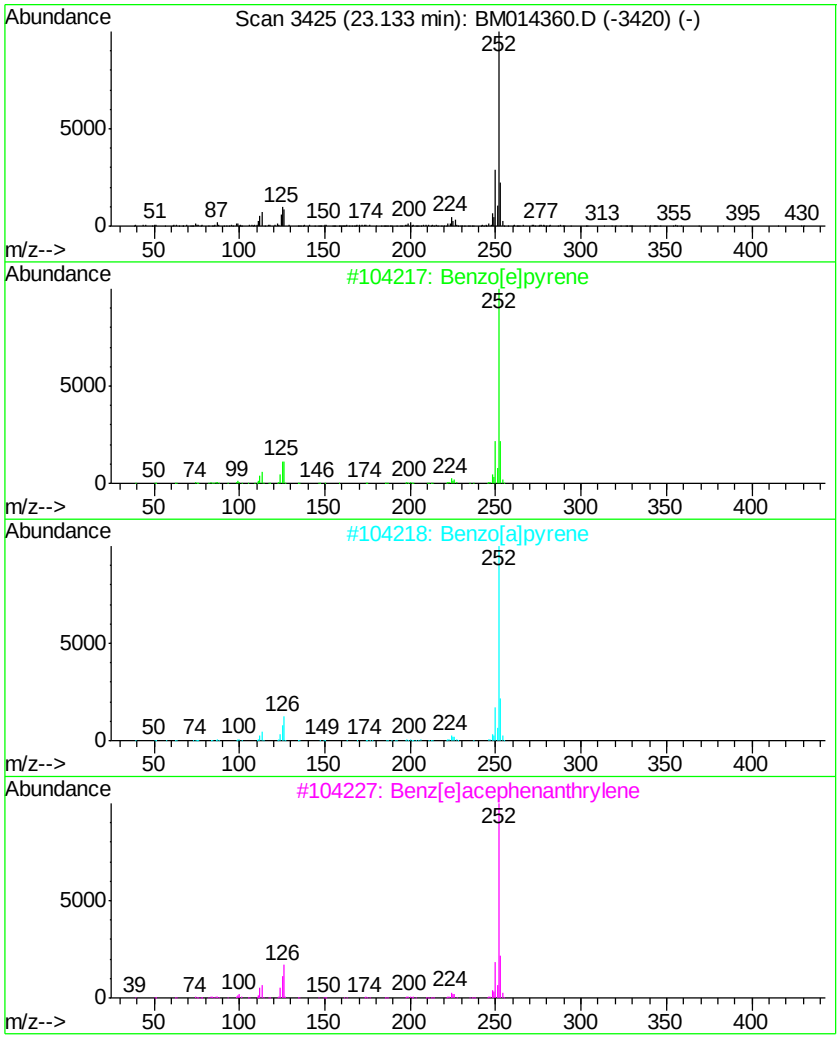
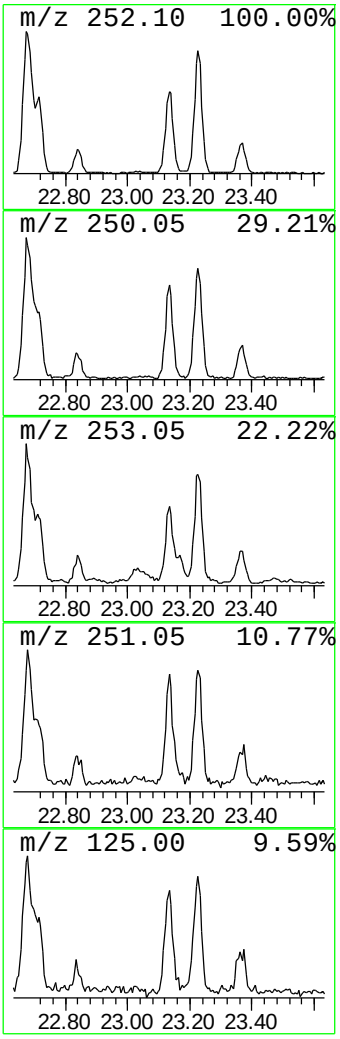
Peak Number 25 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	13.50 ng/ul	868353	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5X5

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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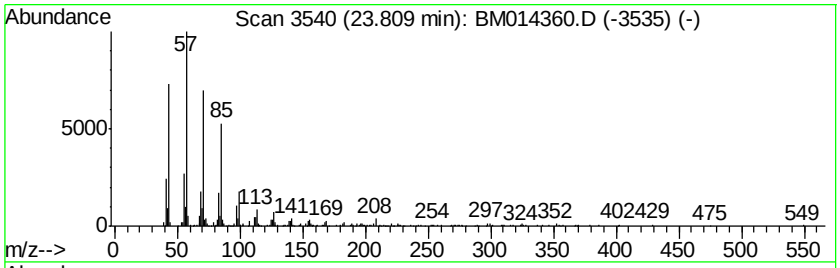
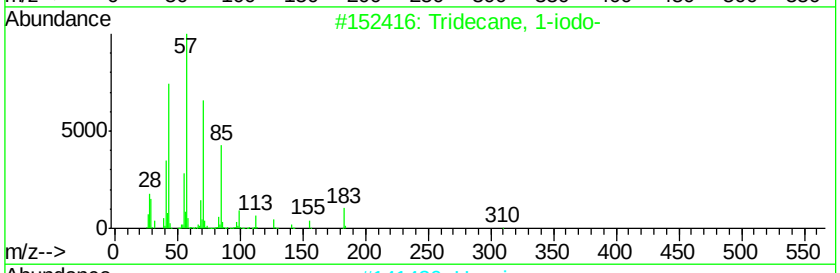
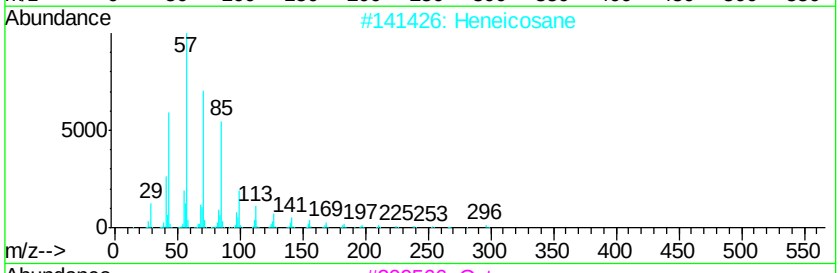
Peak Number 26 Tridecane, 1-iodo- Concentration Rank 3

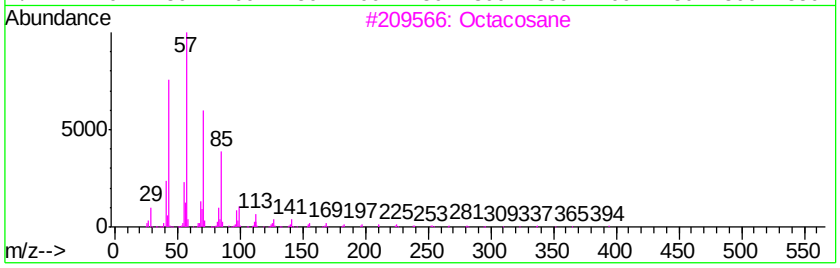
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	14.13 ng/ul	908838	Perylene-d12	23.32

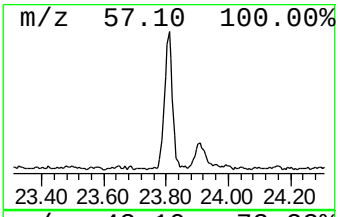
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Pentacosane	352	C25H52	000629-99-2	86

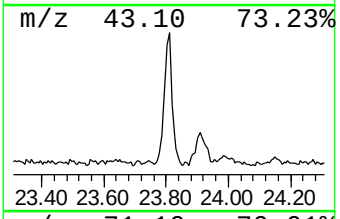


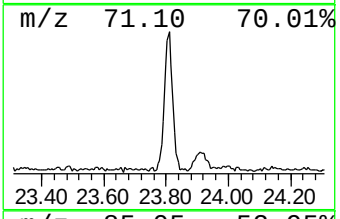


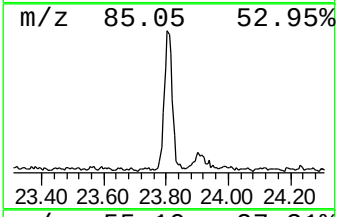


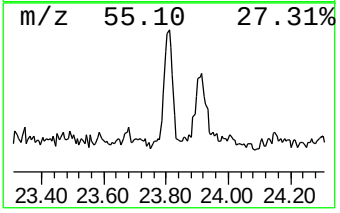












Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

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TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.05	15.6	ng/ul	1003750	2	10.29	1289740	20.0
Benzophenone	15.56	4.0	ng/ul	348629	3	14.18	1721670	20.0
(DEL) Alkane: Str...	16.70	2.4	ng/ul	249028	4	16.94	2071670	20.0
cis-9-Hexadecenoi...	17.73	3.3	ng/ul	336446	4	16.94	2071670	20.0
Phenanthrene, 1-m...	17.82	4.1	ng/ul	427115	4	16.94	2071670	20.0
n-Hexadecanoic acid	17.85	16.5	ng/ul	1706370	4	16.94	2071670	20.0
4H-Cyclopenta[def...	18.01	5.5	ng/ul	565928	4	16.94	2071670	20.0
Phenanthrene, 2-m...	18.04	2.3	ng/ul	242035	4	16.94	2071670	20.0
5,16[1',2']:8,13[...	18.32	2.4	ng/ul	248907	4	16.94	2071670	20.0
9,10-Anthracenedione	18.37	2.3	ng/ul	234115	4	16.94	2071670	20.0
Phenanthrene, 4,5...	18.56	2.5	ng/ul	253832	4	16.94	2071670	20.0
di-p-Tolylacetylene	18.74	2.7	ng/ul	276169	4	16.94	2071670	20.0
Phenanthrene, 2,7...	18.80	2.3	ng/ul	237385	4	16.94	2071670	20.0
Cyclopenta(def)ph...	18.89	3.5	ng/ul	365182	4	16.94	2071670	20.0
Octadecanoic acid	19.14	2.0	ng/ul	403298	5	21.15	4026070	20.0
Dieldrin	19.67	2.4	ng/ul	476262	5	21.15	4026070	20.0
11H-Benzo[a]fluorene	19.88	2.9	ng/ul	573061	5	21.15	4026070	20.0
5H-Benzocyclohept...	20.16	2.7	ng/ul	535935	5	21.15	4026070	20.0
p,p'-DDT	20.44	5.0	ng/ul	1009710	5	21.15	4026070	20.0
(DEL) Alkane: Cyc...	20.87	7.1	ng/ul	1434390	5	21.15	4026070	20.0
11H-Benzo[a]fluor...	20.93	2.3	ng/ul	463484	5	21.15	4026070	20.0
(DEL) Alkane: Cyc...	21.76	3.1	ng/ul	632991	5	21.15	4026070	20.0
Squalene	22.29	9.6	ng/ul	619441	6	23.32	1286180	20.0
Benzo[e]pyrene	23.13	13.5	ng/ul	868353	6	23.32	1286180	20.0
Tridecane, 1-iodo-	23.81	14.1	ng/ul	908838	6	23.32	1286180	20.0