LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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	3.105	16	20	25	rBV2	40369	59997	1.02%	0.072%
2	4.681	284	288	292	rBV	66180	90380	1.53%	0.108%
3	6.716	628	634	650	rBV	791229	1509268	25.61%	1.807%
4	6.875	656	661	675	rVB	608148	944768	16.03%	1.131%
5	7.063	686	693	703	rBV	866440	1450109	24.61%	1.736%
6	7.522	765	771	780	rBV	521096	840430	14.26%	1.006%
7	8.240	887	893	909	rBV	994620	1794859	30.45%	2.149%
8	8.681	961	968	981	rBV	906882	1547467	26.26%	1.853%
9	9.392	1082	1089	1100	rBV	771674	1413552	23.98%	1.693%
10	9.928	1172	1180	1193	rBV	1017728	1959165	33.24%	2.346%
11	10.292	1233	1242	1248	rBV	776066	1260508	21.39%	1.509%
12	10.339	1248	1250	1257	rVB	51925	74942	1.27%	0.090%
13	10.451	1262	1269	1289	rBV	706702	1525723	25.89%	1.827%
14	13.498	1778	1787	1792	rBV3	31929	64235	1.09%	0.077%
15	13.604	1799	1805	1809	rBV	2222679	2983999	50.63%	3.573%
16	13.651	1809	1813	1820	rVB	856876	1163582	19.74%	1.393%
17	13.869	1842	1850	1863	rBV	2494600	3698978	62.76%	4.429%
18	14.086	1882	1887	1892	rBV	62390	83509	1.42%	0.100%
19	14.180	1897	1903	1909	rVV2	1104340	1679343	28.49%	2.011%
20	14.245	1909	1914	1920	rVB	117168	172027	2.92%	0.206%
21	14.433	1940	1946	1961	rBV2	422002	1079057	18.31%	1.292%
22	14.592	1968	1973	1977	rBV	94511	139046	2.36%	0.166%
23	14.639	1977	1981	1989	rVB9	38843	101433	1.72%	0.121%
24	14.804	2000	2009	2016	rBV10	27136	72687	1.23%	0.087%
25	15.045	2044	2050	2057	rVB3	109261	193972	3.29%	0.232%
26	15.180	2067	2073	2079	rBV	2920747	4158885	70.57%	4.980%
27	15.239	2079	2083	2090	rVB2	127555	205386	3.48%	0.246%
28	15.333	2093	2099	2108	rBV	870120	1392212	23.62%	1.667%
29	15.533	2130	2133	2141	rVB4	66547	115547	1.96%	0.138%
30	15.686	2154	2159	2165	rVB	58850	123228	2.09%	0.148%
31	15.910	2192	2197	2205	rBV4	113231	207582	3.52%	0.249%
32	16.251	2248	2255	2260	rBV10	44905	104163	1.77%	0.125%
33	16.604	2310	2315	2322	rVB	132507	204030	3.46%	0.244%
34	16.674	2322	2327	2328	rVV2	50466	63194	1.07%	0.076%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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	16.704	2328	2332	2335	rVV4	77163	129461	2.20%	0.155%
36	16.757	2336	2341	2349	rVB	127362	220075	3.73%	0.264%
37	16.939	2365	2372	2375	rBV	1486002	2026288	34.38%	2.426%
38	16.980	2375	2379	2384	rVB	2103634	2762893	46.88%	3.308%
39	17.039	2384	2389	2393	rBV2	3264817	4432915	75.22%	5.308%
40	17.357	2435	2443	2450	rBV2	162726	373479	6.34%	0.447%
41	17.457	2454	2460	2468	rVV5	58085	142051	2.41%	0.170%
42	17.527	2468	2472	2481	rVB8	46225	120169	2.04%	0.144%
43	17.739	2501	2508	2512	rBV8	31628	75001	1.27%	0.090%
44	17.815	2515	2521	2523	rVV	253705	371878	6.31%	0.445%
45	17.851	2523	2527	2536	rVV2	872680	1560786	26.48%	1.869%
46	17.945	2540	2543	2548	rVV	119730	170307	2.89%	0.204%
47	18.010	2548	2554	2558	rVV3	322315	627451	10.65%	0.751%
48	18.045	2558	2560	2567	rVB2	169050	228670	3.88%	0.274%
49	18.133	2571	2575	2578	rBV5	65006	95983	1.63%	0.115%
50	18.321	2603	2607	2612	rVV	182999	271447	4.61%	0.325%
51	18.374	2612	2616	2624	rVB	228687	334112	5.67%	0.400%
52	18.568	2645	2649	2654	rVB4	69234	122819	2.08%	0.147%
53	18.621	2654	2658	2662	rBV	65905	80764	1.37%	0.097%
54	18.662	2662	2665	2670	rBV3	54594	73294	1.24%	0.088%
55	18.745	2674	2679	2682	rBV	150240	218308	3.70%	0.261%
56	18.804	2683	2689	2692	rVB7	70314	125456	2.13%	0.150%
57	18.892	2698	2704	2710	rBV2	180214	340970	5.79%	0.408%
58	19.009	2716	2724	2731	rBV	3205807	4508489	76.50%	5.398%
59	19.115	2738	2742	2743	rBV3	61652	72226	1.23%	0.086%
60	19.139	2743	2746	2755	rVB3	299240	455223	7.72%	0.545%
61	19.239	2758	2763	2764	rBV4	77041	125044	2.12%	0.150%
62	19.345	2776	2781	2784	rBV	4117788	5893491	100.00%	7.057%
63	19.374	2784	2786	2795	rVB	2573343	3196044	54.23%	3.827%
64	19.451	2795	2799	2804	rBV3	120705	178813	3.03%	0.214%
65	19.562	2813	2818	2822	rBV	129586	188480	3.20%	0.226%
66	19.627	2825	2829	2835	rVB	114426	180509	3.06%	0.216%
67	19.709	2837	2843	2844	rBV4	164196	295173	5.01%	0.353%
68	19.874	2861	2871	2879	rBV2	260940	727902	12.35%	0.872%
69	19.974	2885	2888	2892	rBV	91932	121420	2.06%	0.145%
70	20.033	2892	2898	2902	rBV2	239766	411374	6.98%	0.493%
71	20.156	2915	2919	2926	rBV2	309777	618077	10.49%	0.740%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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	20.221	2926	2930	2934	rBV3	143266	203656	3.46%	0.244%
73	20.268	2934	2938	2940	rBV5	82024	128914	2.19%	0.154%
74	20.333	2946	2949	2954	rVB	236435	285512	4.84%	0.342%
75	20.398	2958	2960	2963	rVB3	91732	88926	1.51%	0.106%
76	20.445	2964	2968	2970	rBV4	88582	102870	1.75%	0.123%
77	20.633	2996	3000	3005	rVB	284098	339573	5.76%	0.407%
78	20.792	3023	3027	3031	rBV2	216013	306686	5.20%	0.367%
79	20.833	3031	3034	3037	rVV	205358	256604	4.35%	0.307%
80	20.874	3037	3041	3048	rVV5	802466	1390001	23.59%	1.664%
81	20.933	3048	3051	3056	rVB	275430	356227	6.04%	0.427%
82	21.068	3070	3074	3078	rBV	852775	845783	14.35%	1.013%
83	21.145	3081	3087	3091	rVV2	2067017	3862003	65.53%	4.624%
84	21.186	3091	3094	3103	rVB	1115978	1398520	23.73%	1.675%
85	21.303	3111	3114	3121	rVB	115676	143274	2.43%	0.172%
86	21.403	3128	3131	3137	rVB4	256269	338356	5.74%	0.405%
87	21.692	3177	3180	3183	rVB	226644	243995	4.14%	0.292%
88	21.880	3210	3212	3216	rBV2	90980	113807	1.93%	0.136%
89	22.674	3341	3347	3352	rBV	720567	1705238	28.93%	2.042%
90	23.133	3421	3425	3428	rBV	360120	540224	9.17%	0.647%
91	23.186	3428	3434	3438	rVV2	1957777	3563200	60.46%	4.267%
92	23.227	3438	3441	3446	rVB	602821	916790	15.56%	1.098%
93	23.321	3451	3457	3461	rBV	789712	1386155	23.52%	1.660%
94	25.474	3818	3823	3832	rVB4	259126	644289	10.93%	0.771%

Sum of corrected areas: 83514708

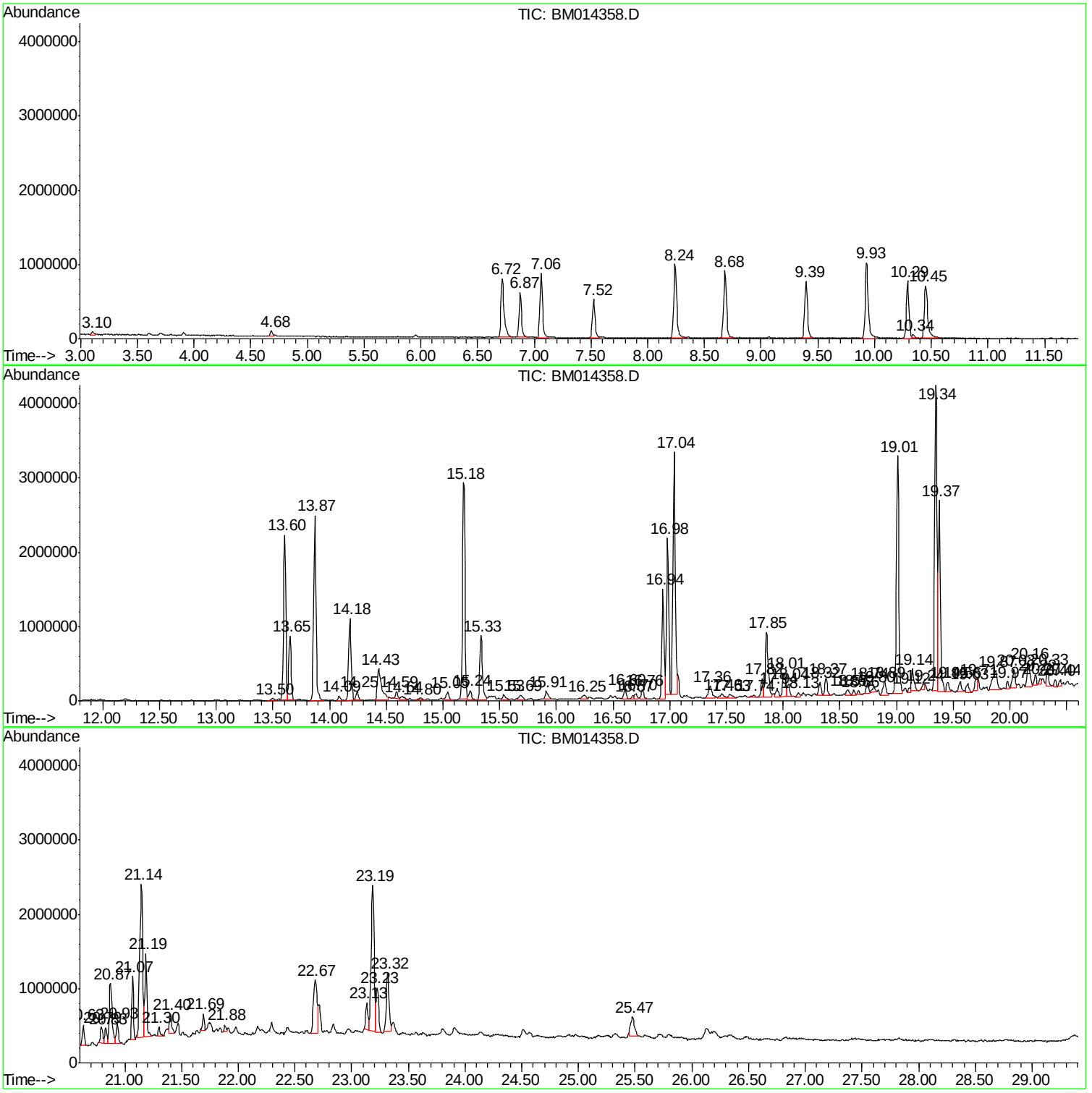
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5W9

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 : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

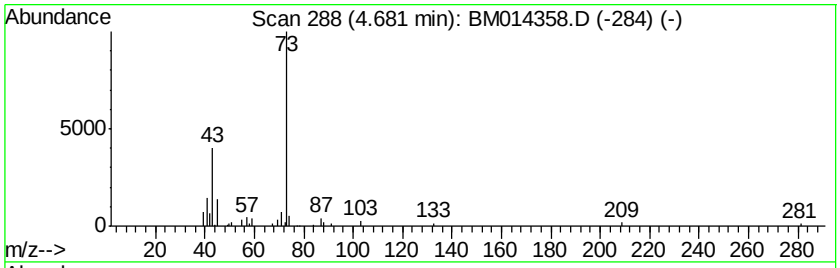
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

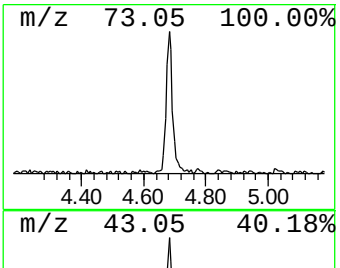
****

Peak Number 1 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.15 ng/ul	90380	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
2	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	9
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

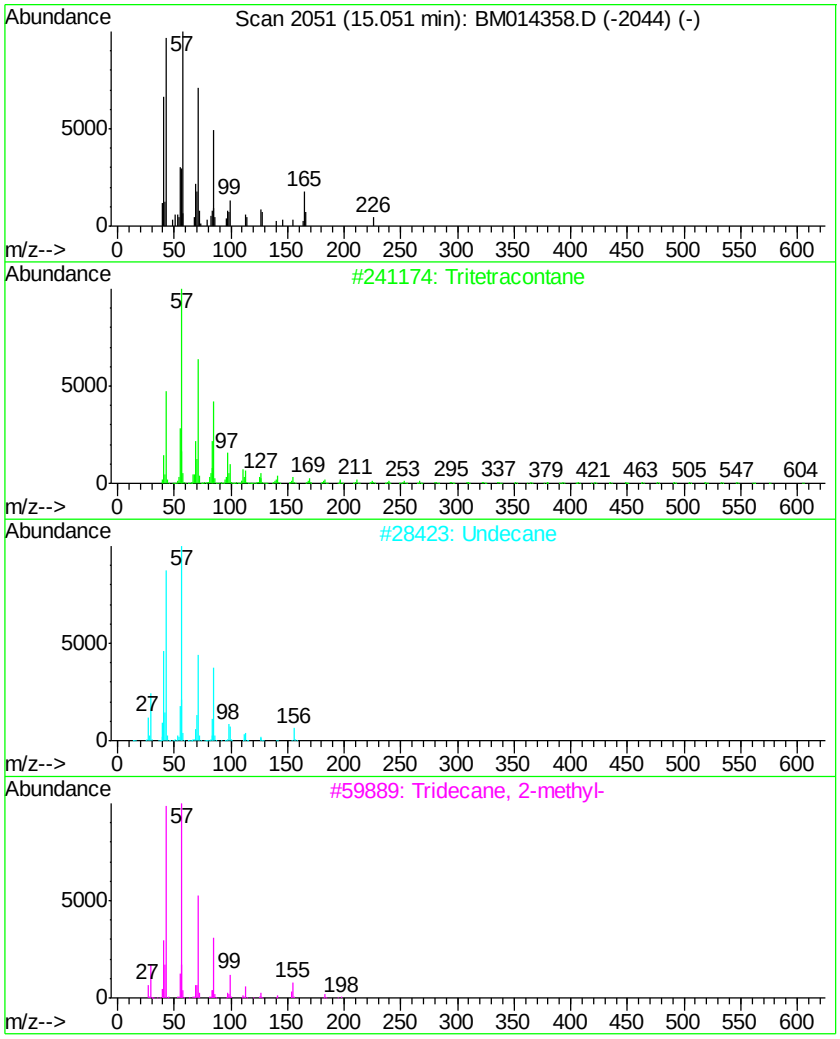
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

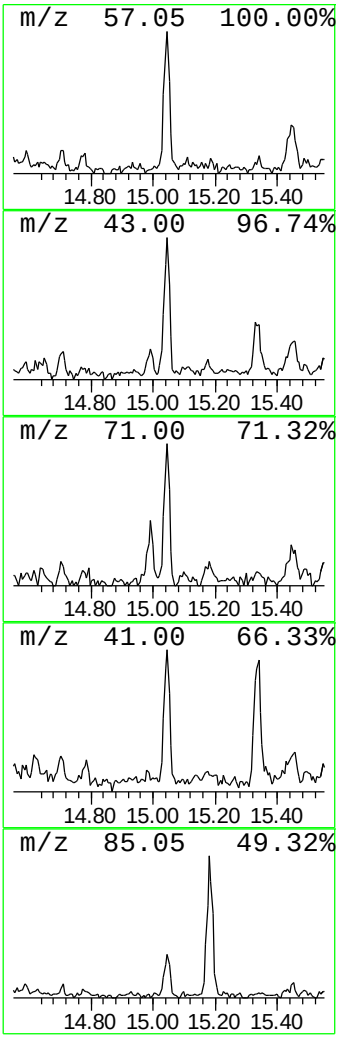
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.31 ng/ul	193972	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	83
2	Undecane	156	C11H24	001120-21-4	78
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4	Nonadecane	268	C19H40	000629-92-5	72
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

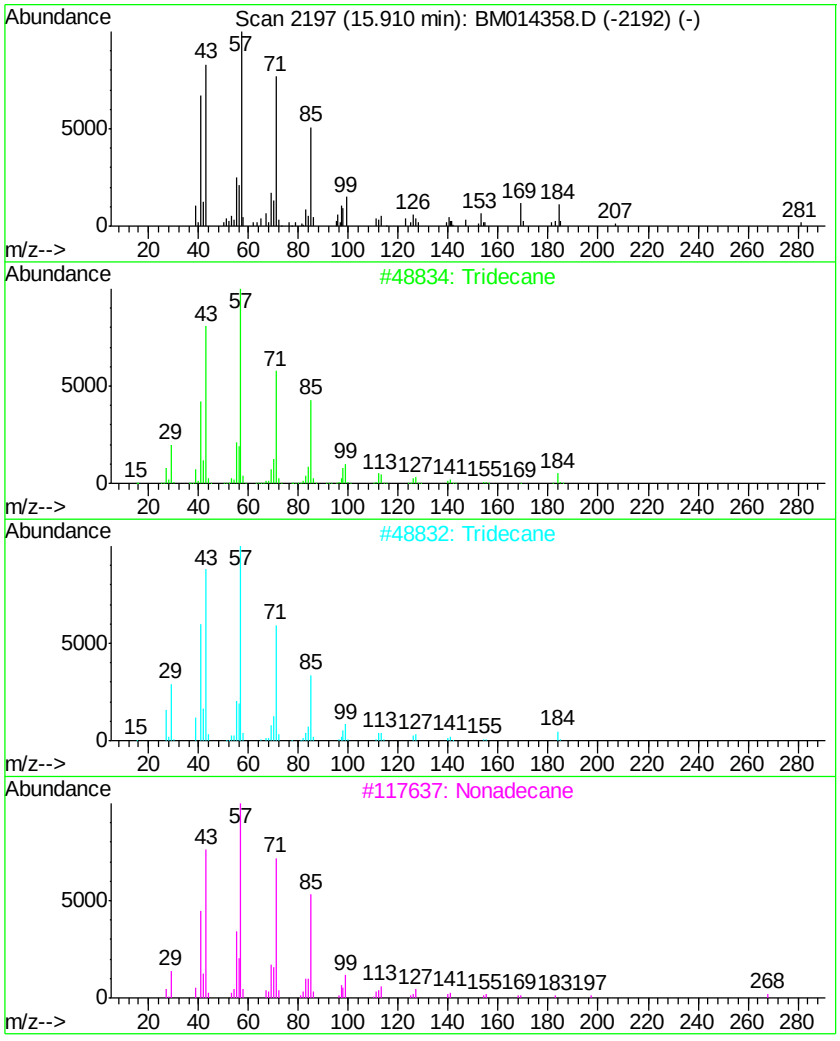
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

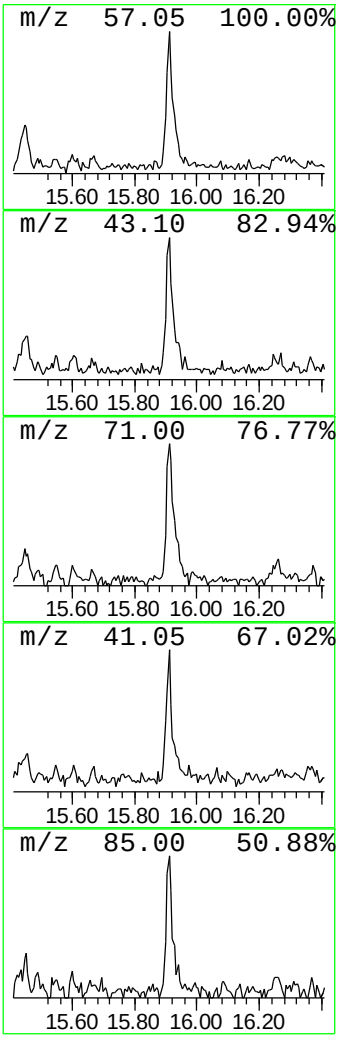
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.05 ng/ul	207582	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Dodecane	170	C12H26	000112-40-3	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

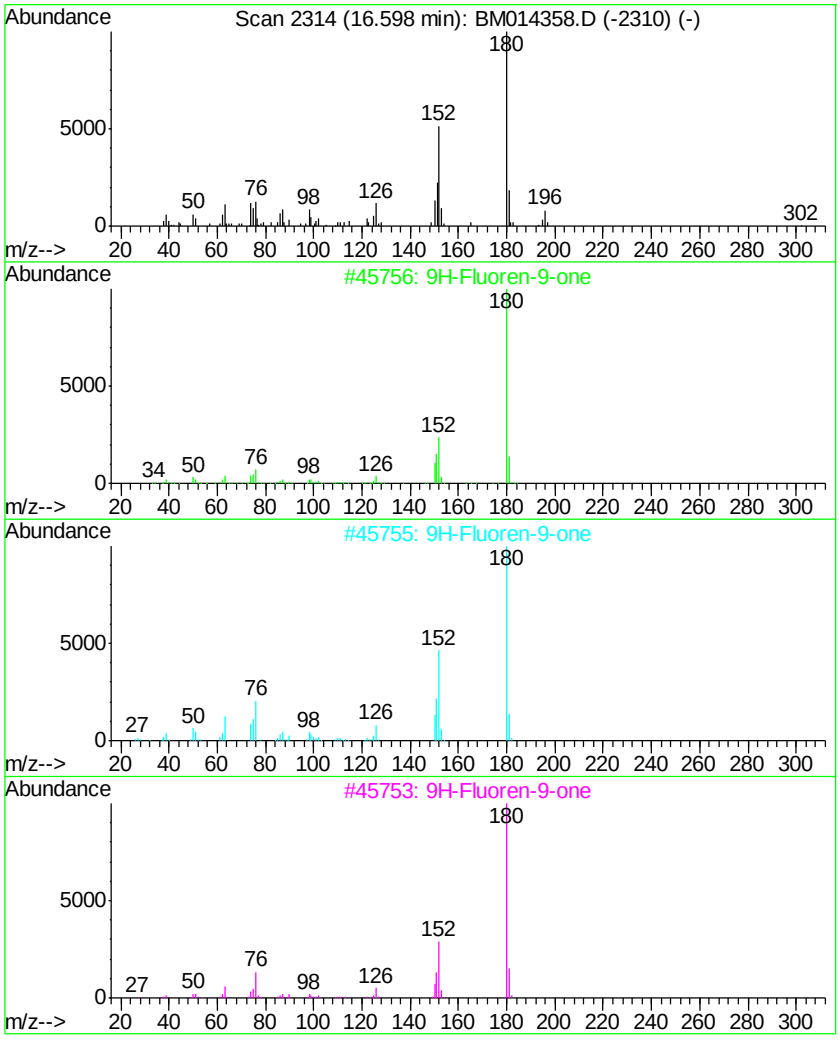
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

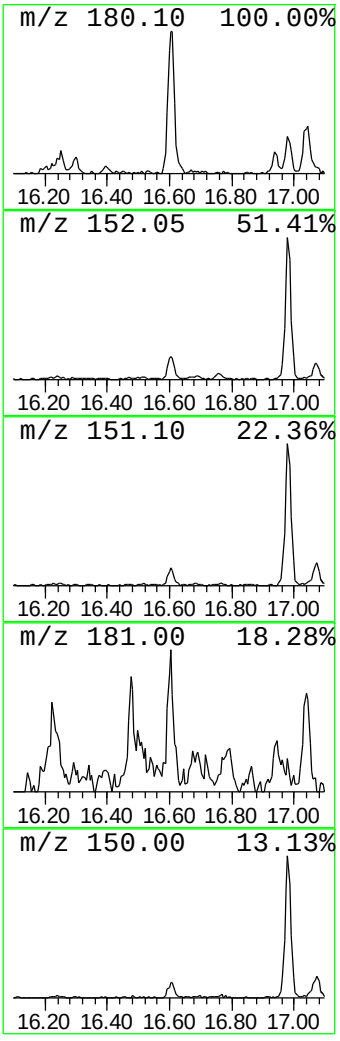
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.01 ng/ul	204030	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	Diphenic anhydride	224	C14H8O3	006050-13-1	80
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

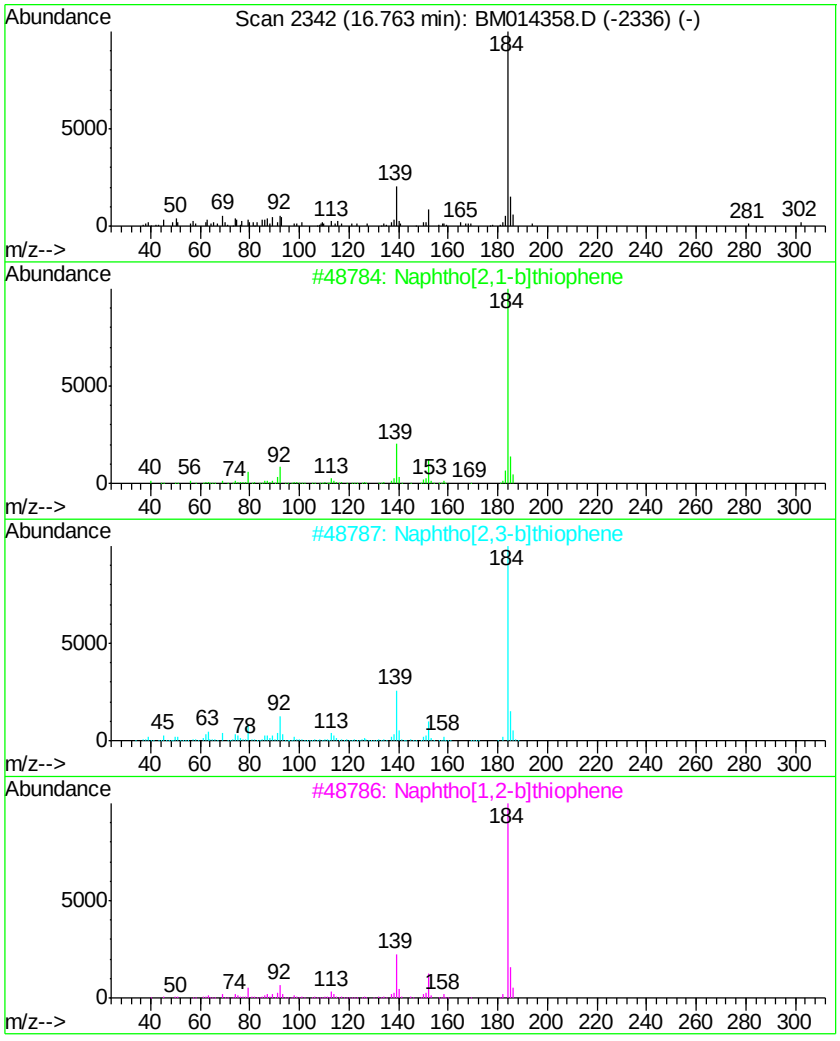
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

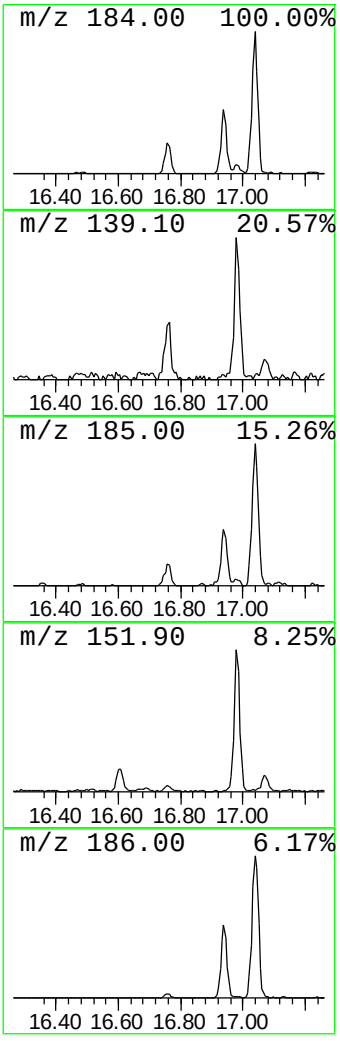
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.17 ng/ul	220075	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
4	Dibenzothiophene	184	C12H8S	000132-65-0	83
5	Dibenzothiophene	184	C12H8S	000132-65-0	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

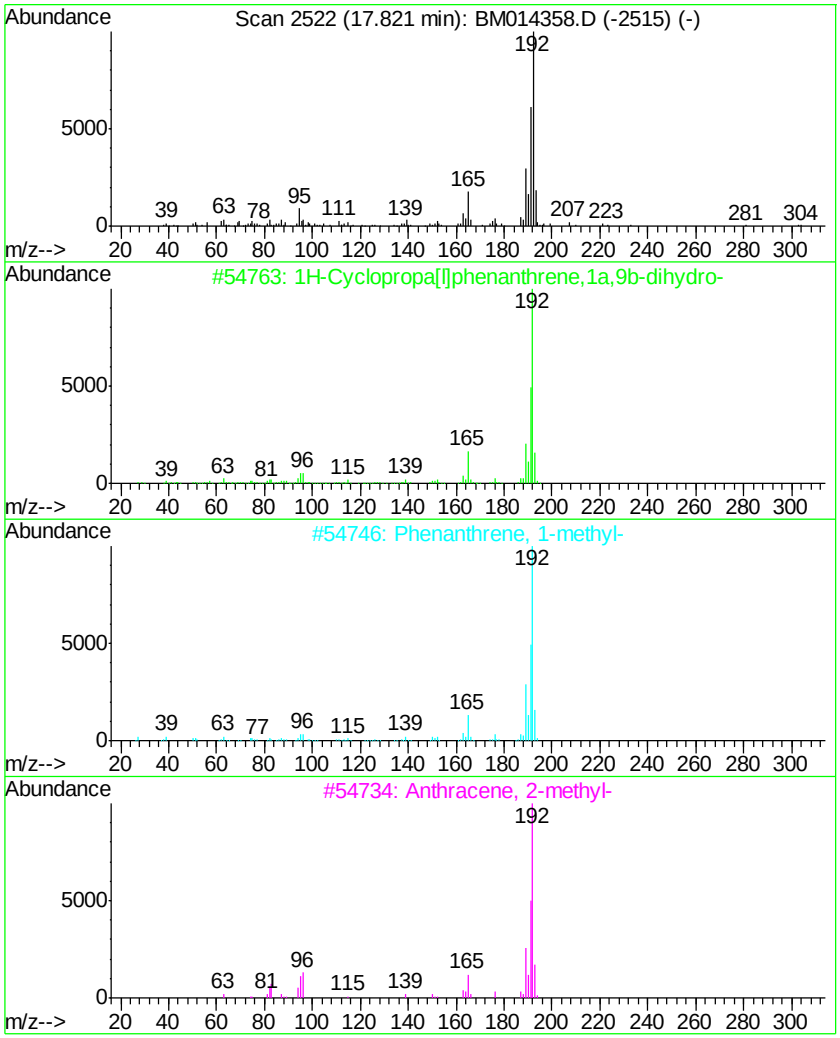
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

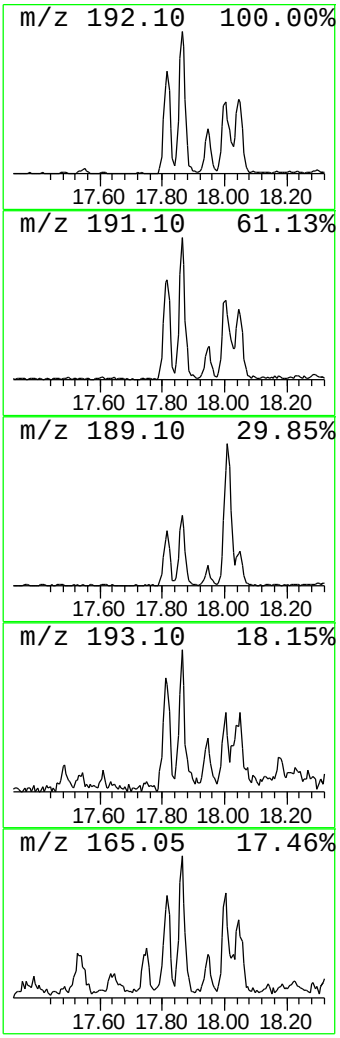
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.67 ng/ul	371878	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

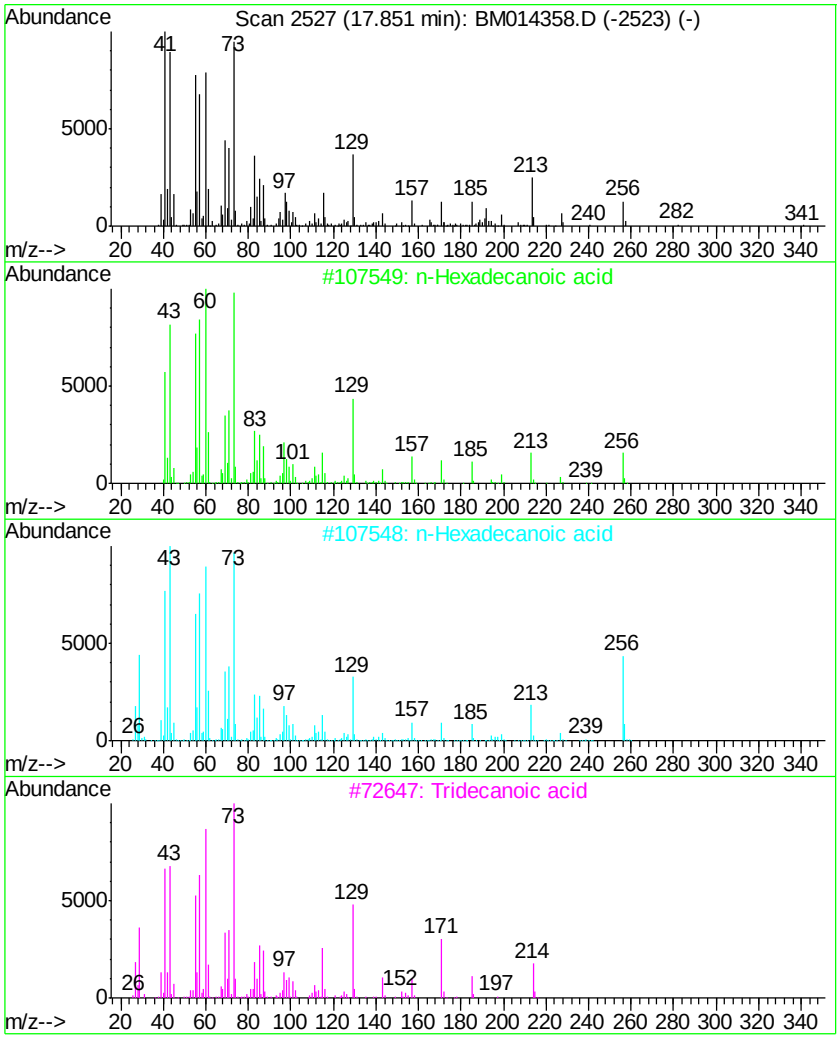
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

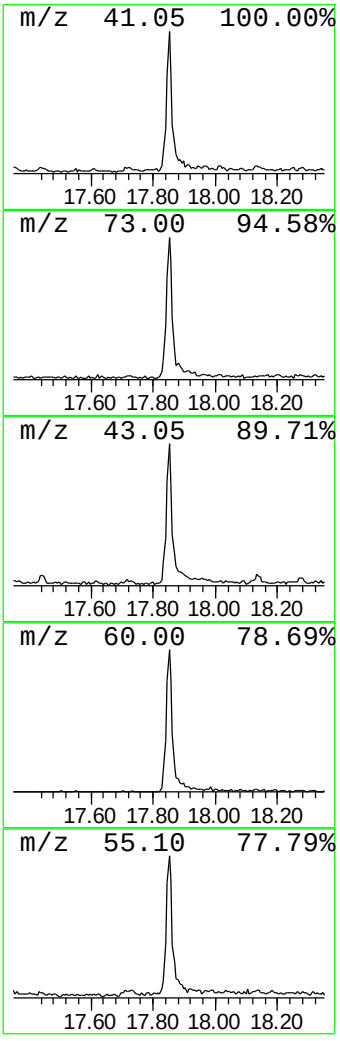
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	15.41 ng/ul	1560790	Phenanthrene-d10	16.94

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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

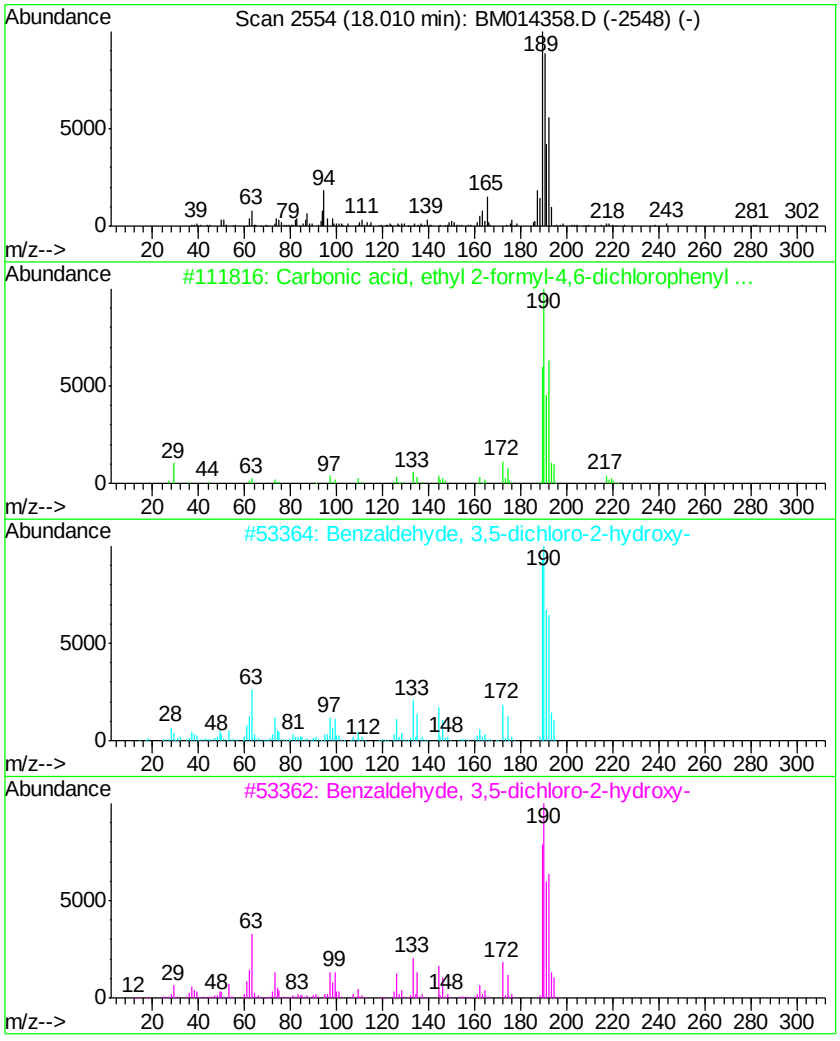
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

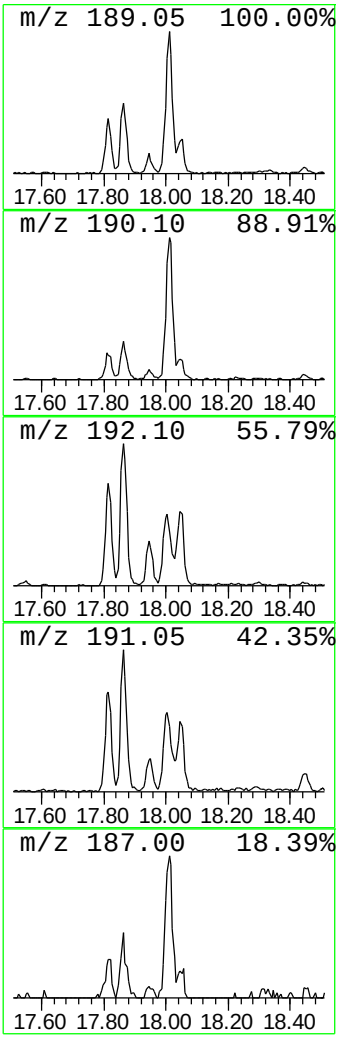
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, ethyl 2-form... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.19 ng/ul	627451	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

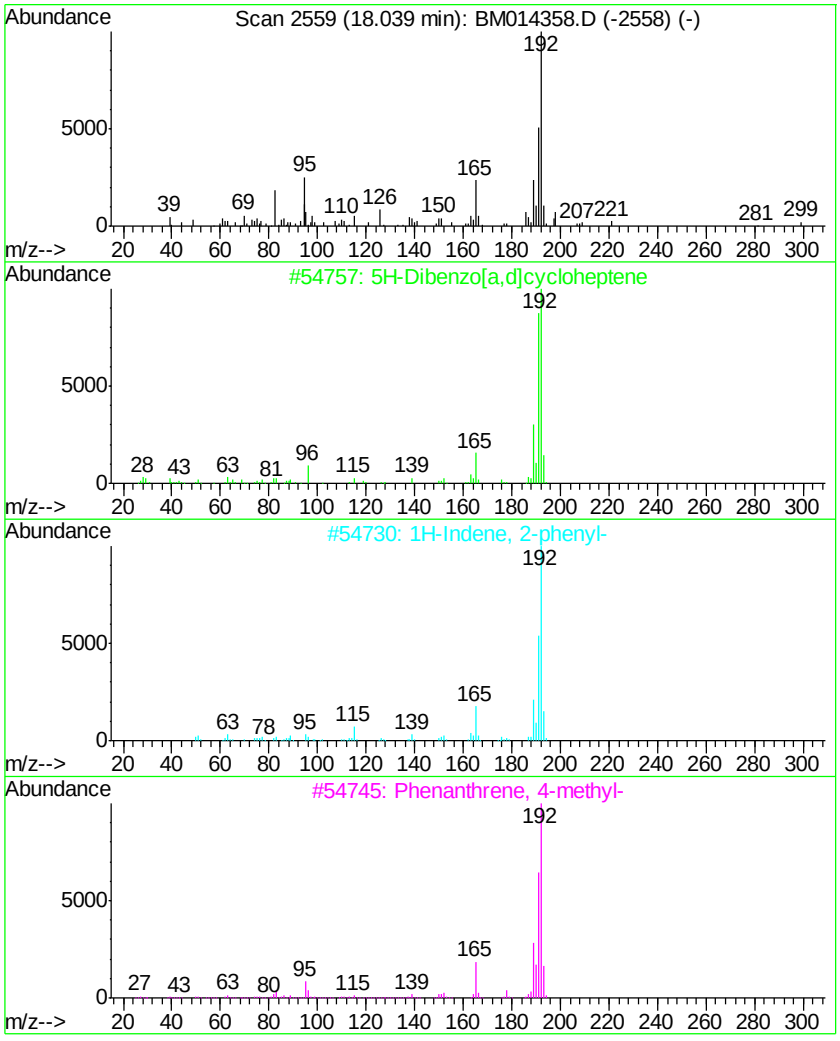
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

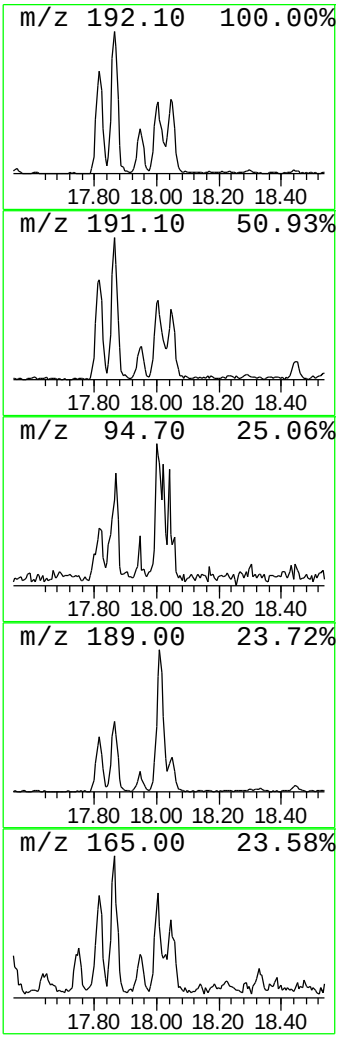
****

Peak Number 9 5H-Dibenzo[a,d]cycloheptene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.26 ng/ul	228670	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

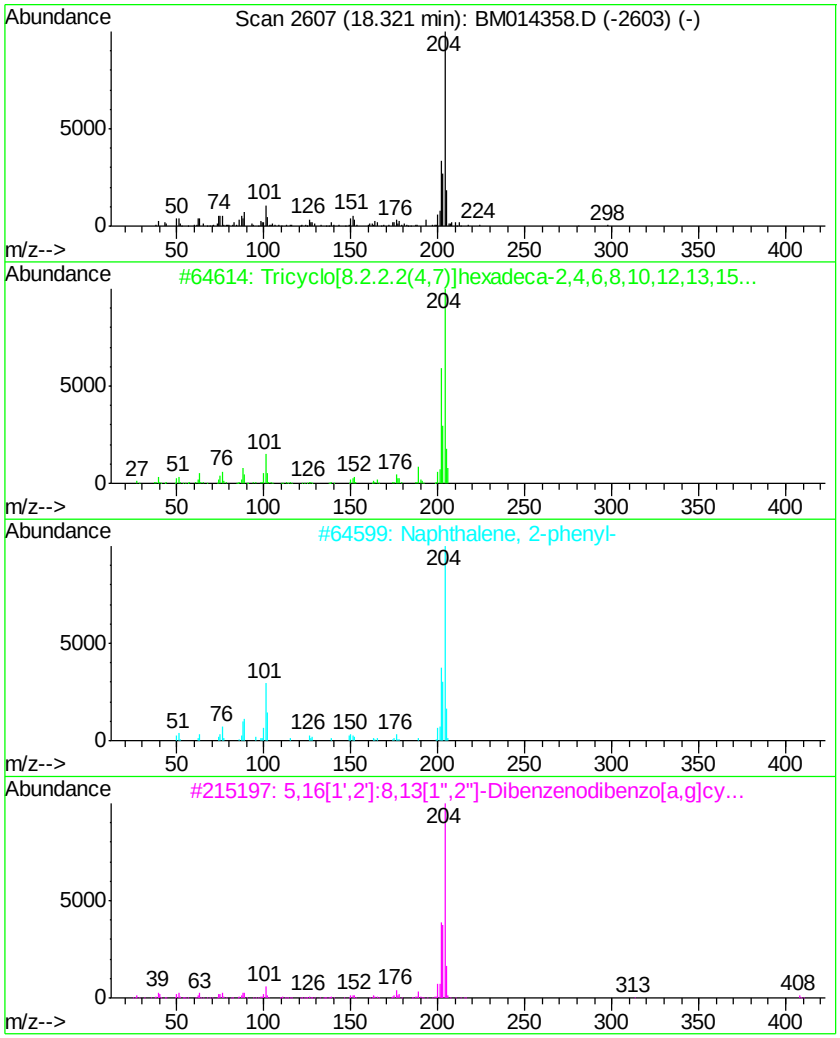
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

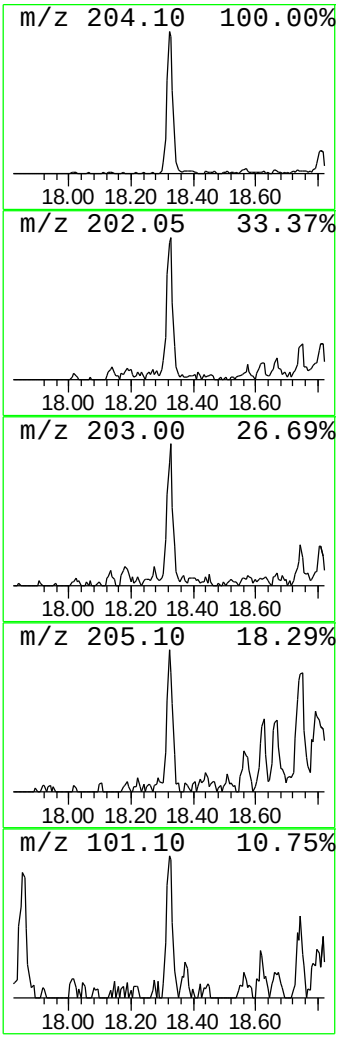
****

Peak Number 10 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.68 ng/ul	271447	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

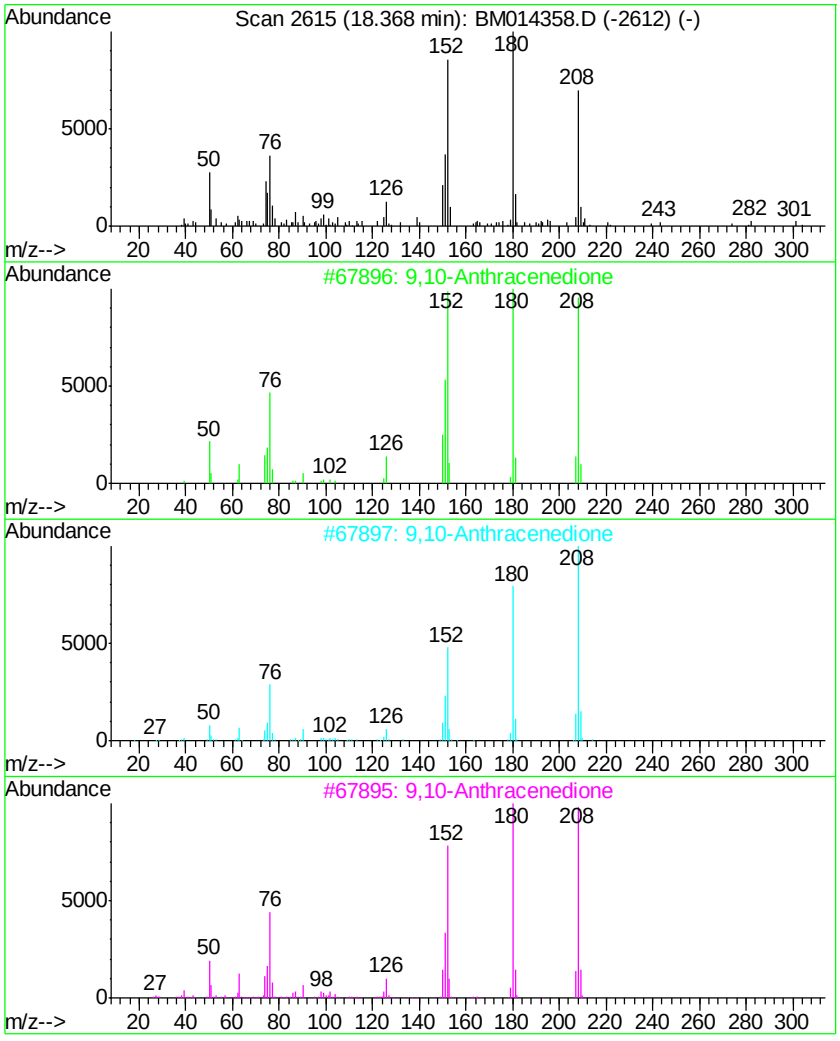
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

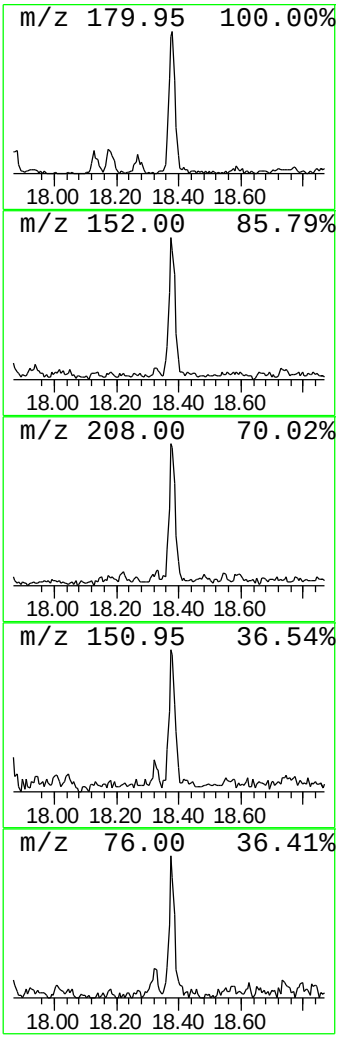
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.30 ng/ul	334112	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

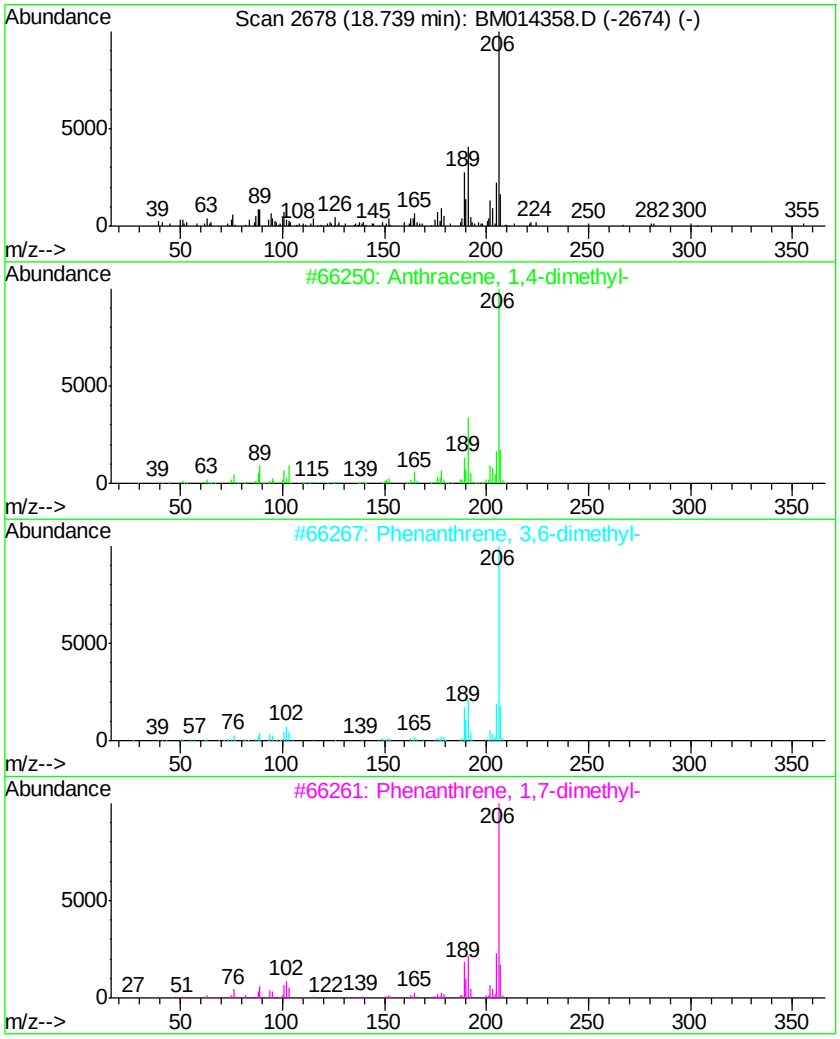
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

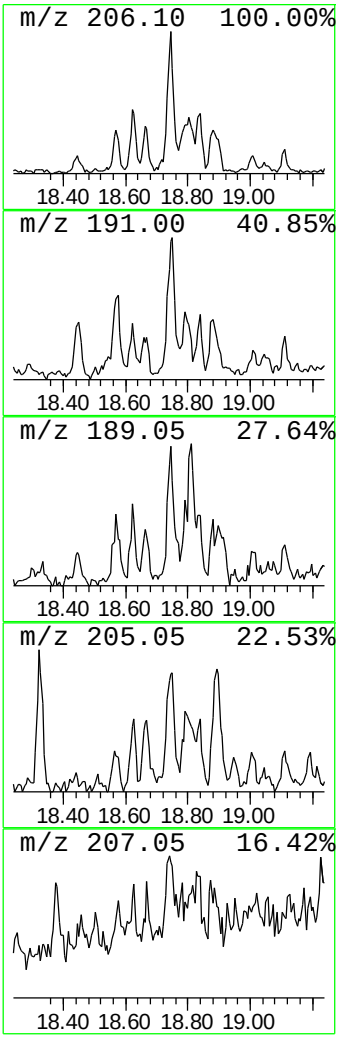
****

Peak Number 12 Anthracene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.15 ng/ul	218308	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

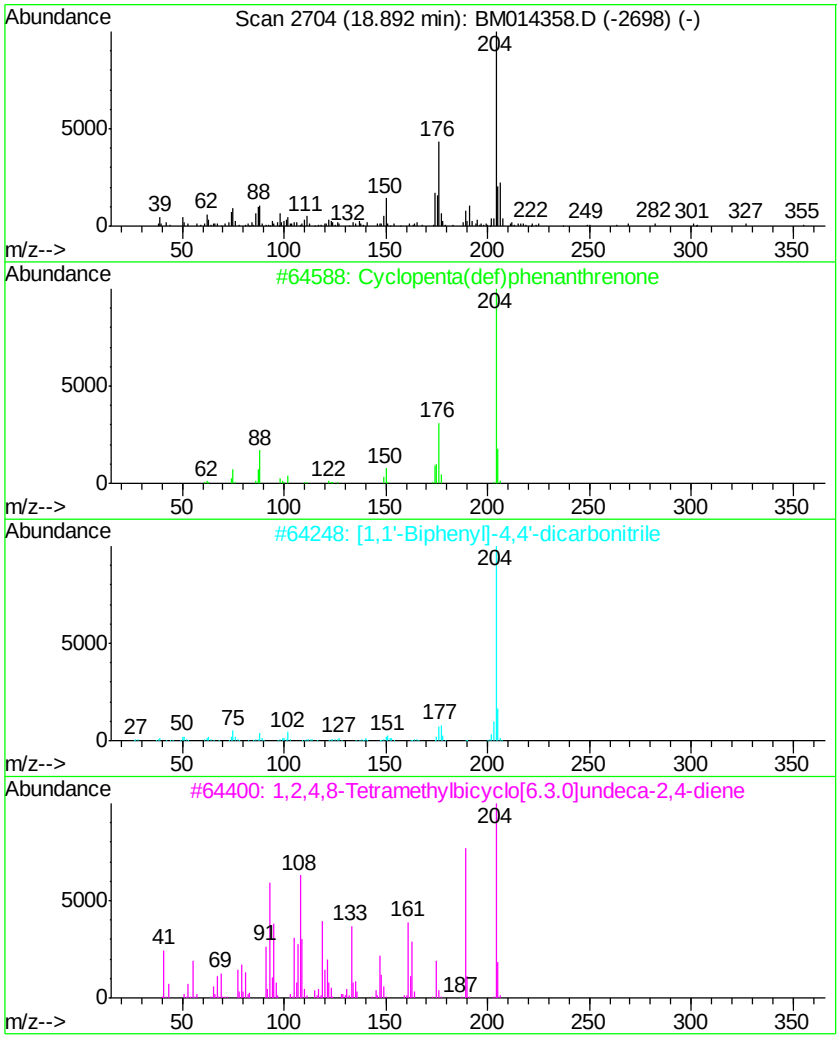
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

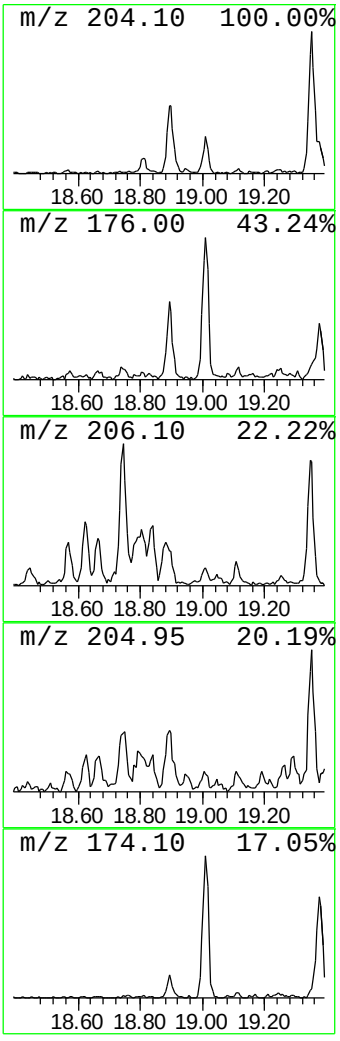
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.37 ng/ul	340970	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

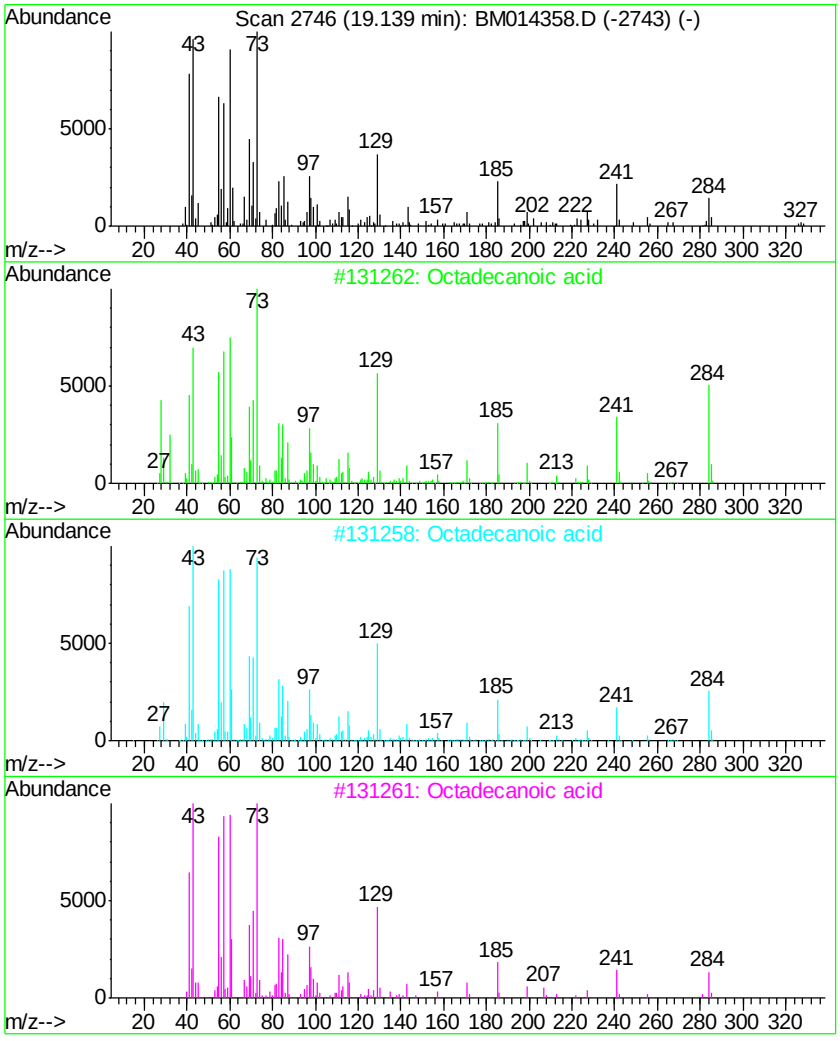
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

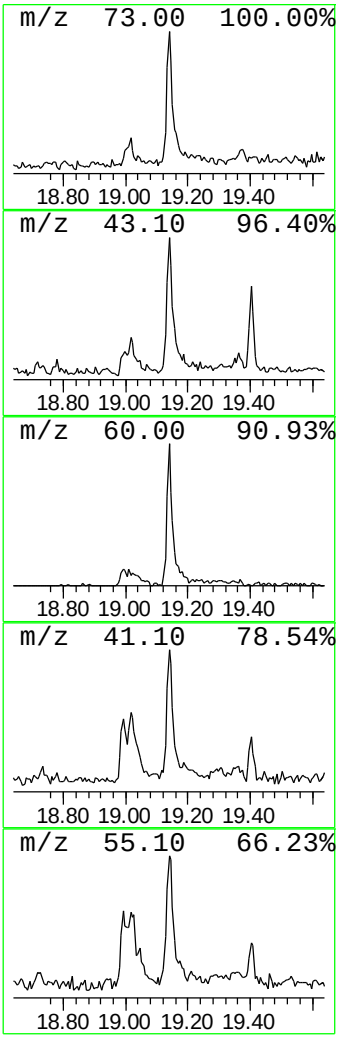
****

Peak Number 14 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.36 ng/ul	455223	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

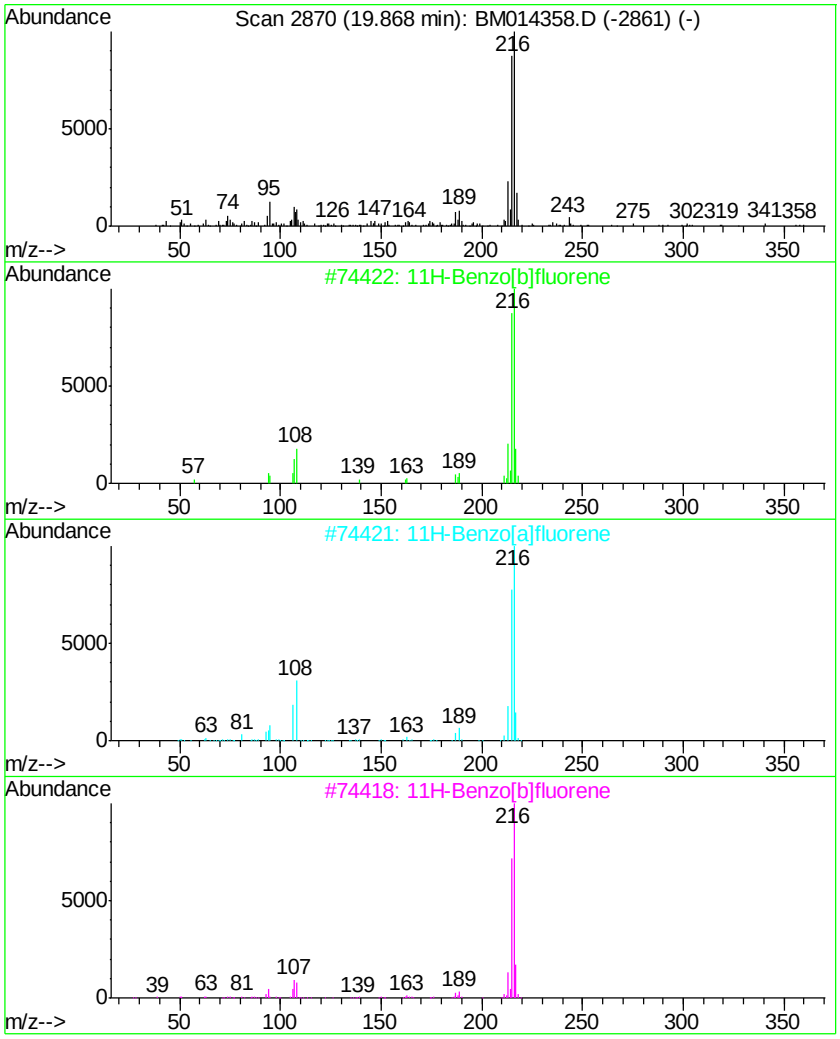
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

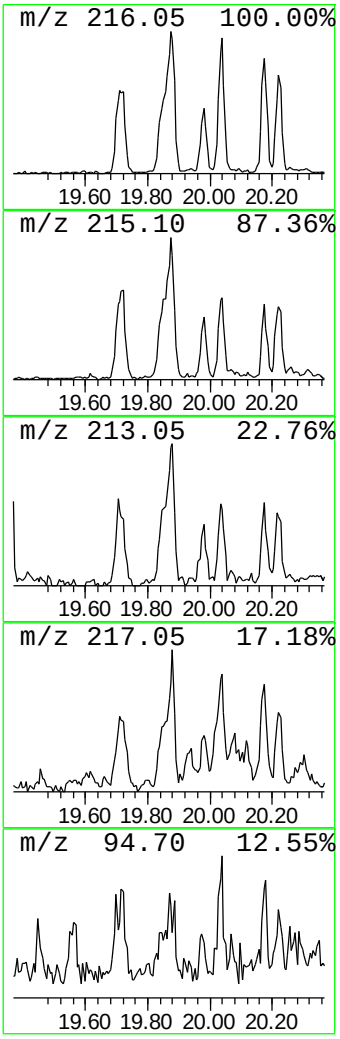
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.77 ng/ul	727902	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

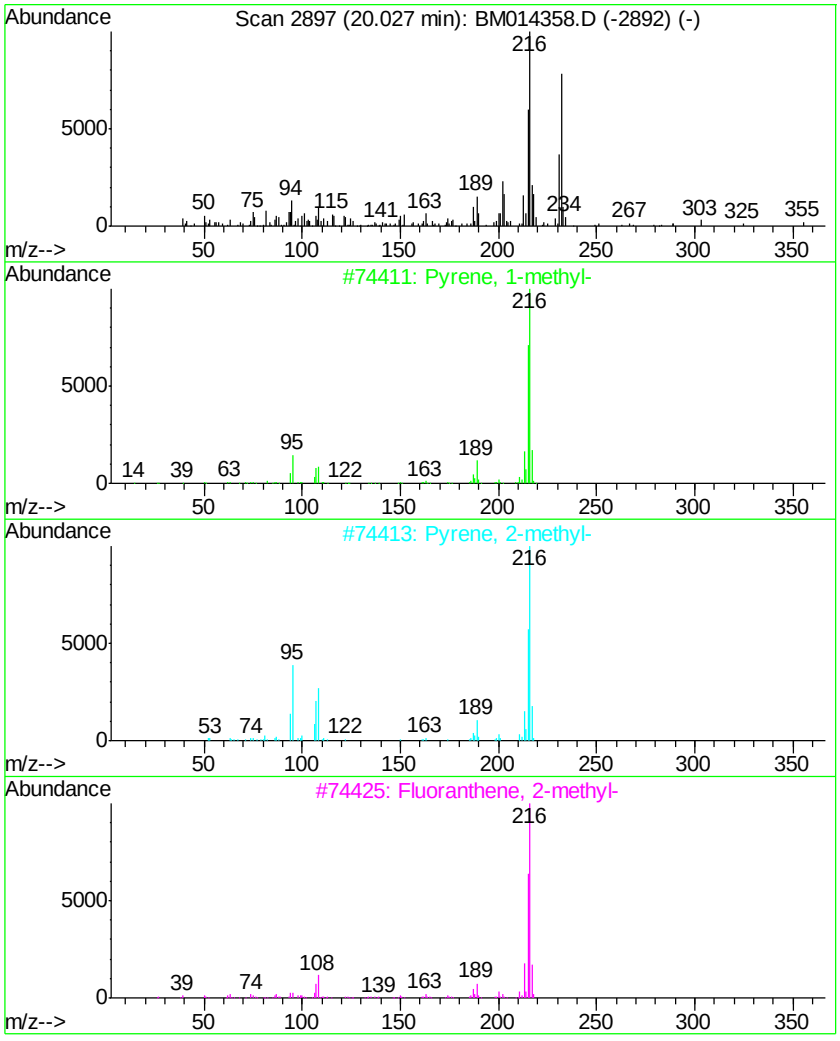
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

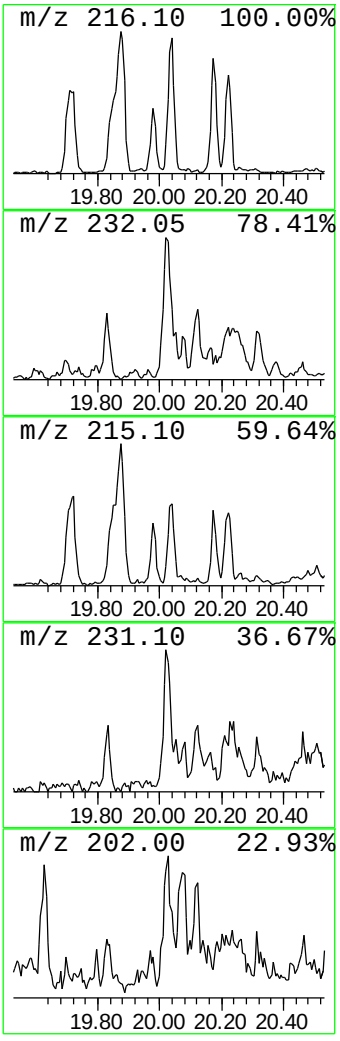
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.13 ng/ul	411374	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

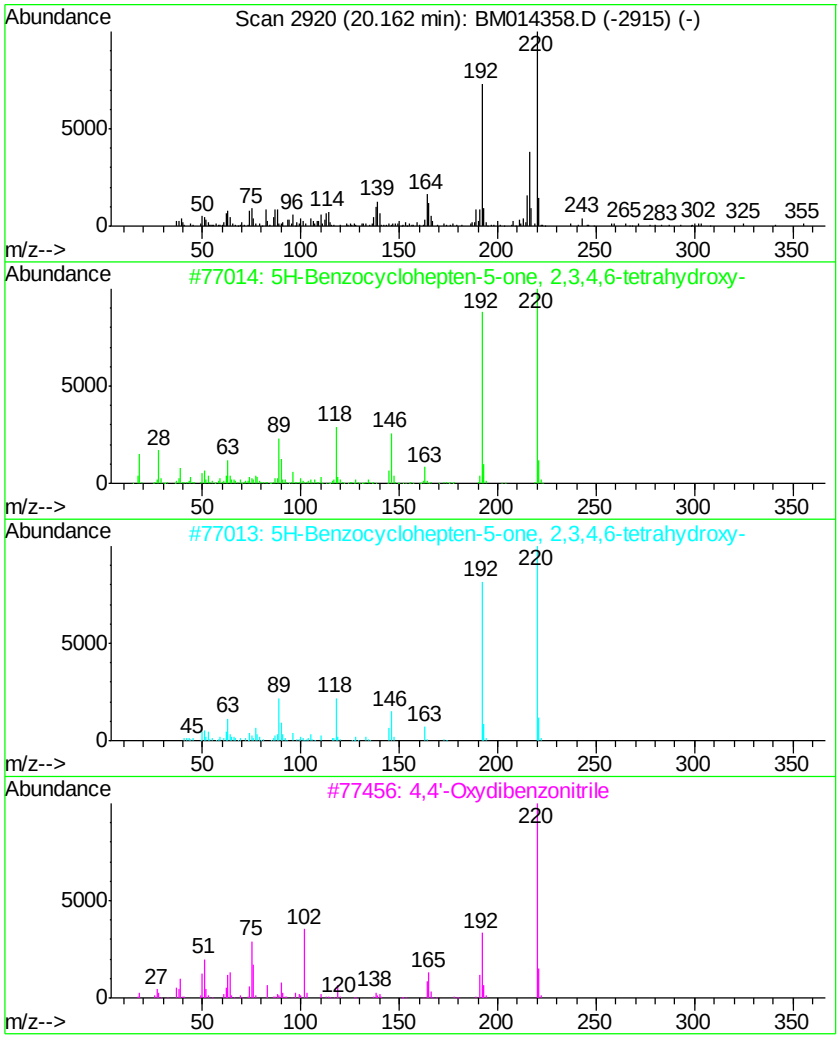
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

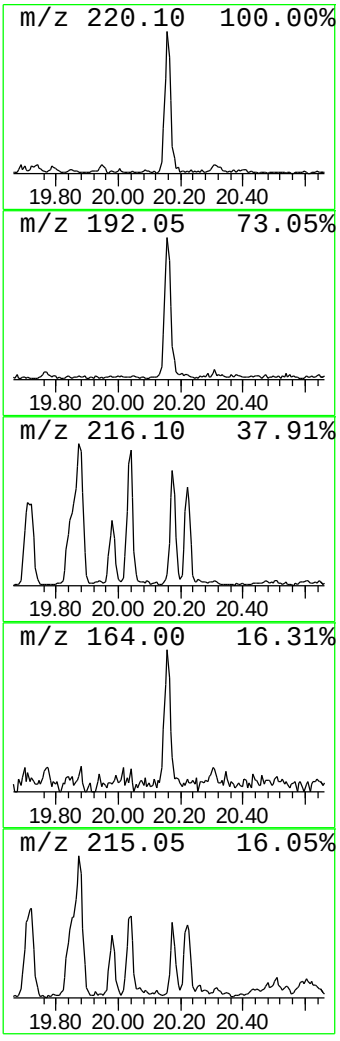
****

Peak Number 17 5H-Benzocyclohepten-5-one, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.20 ng/ul	618077	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	86
2	5H-Benzocyclohepten-5-one, 2,3,4...	220	C11H8O5	000569-77-7	70
3	4,4'-Oxydibenzonitrile	220	C14H8N2O	006508-04-9	62
4	5H-Benzocyclohepten-5-one, 2,3,4...	220	C11H8O5	000569-77-7	53
5	1,4-Diphenylpyrazole	220	C15H12N2	015132-01-1	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

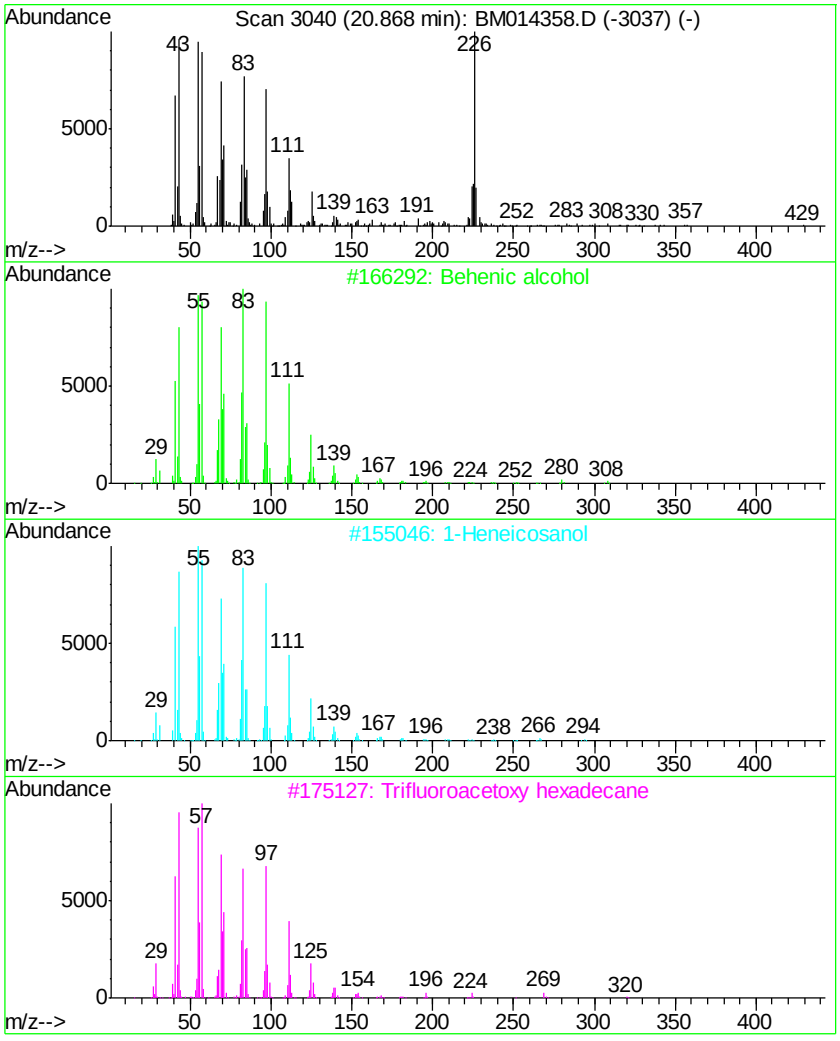
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

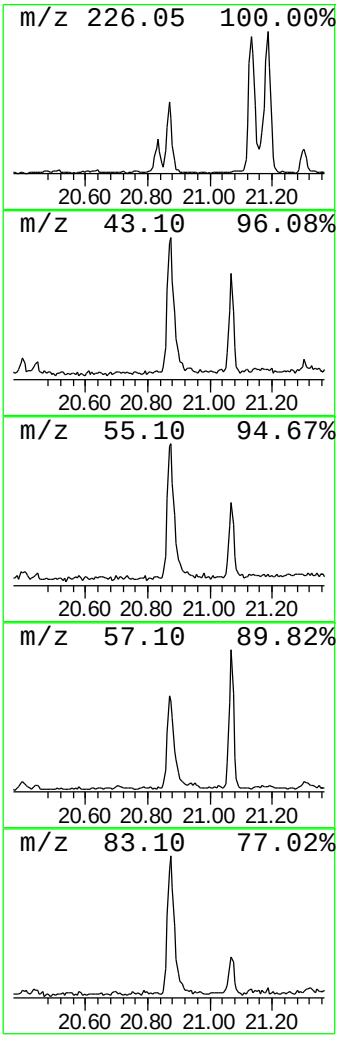
****

Peak Number 18 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.20 ng/ul	1390000	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	83
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76
4	1-Nonadecene	266	C19H38	018435-45-5	64
5	1-Tricosene	322	C23H46	018835-32-0	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

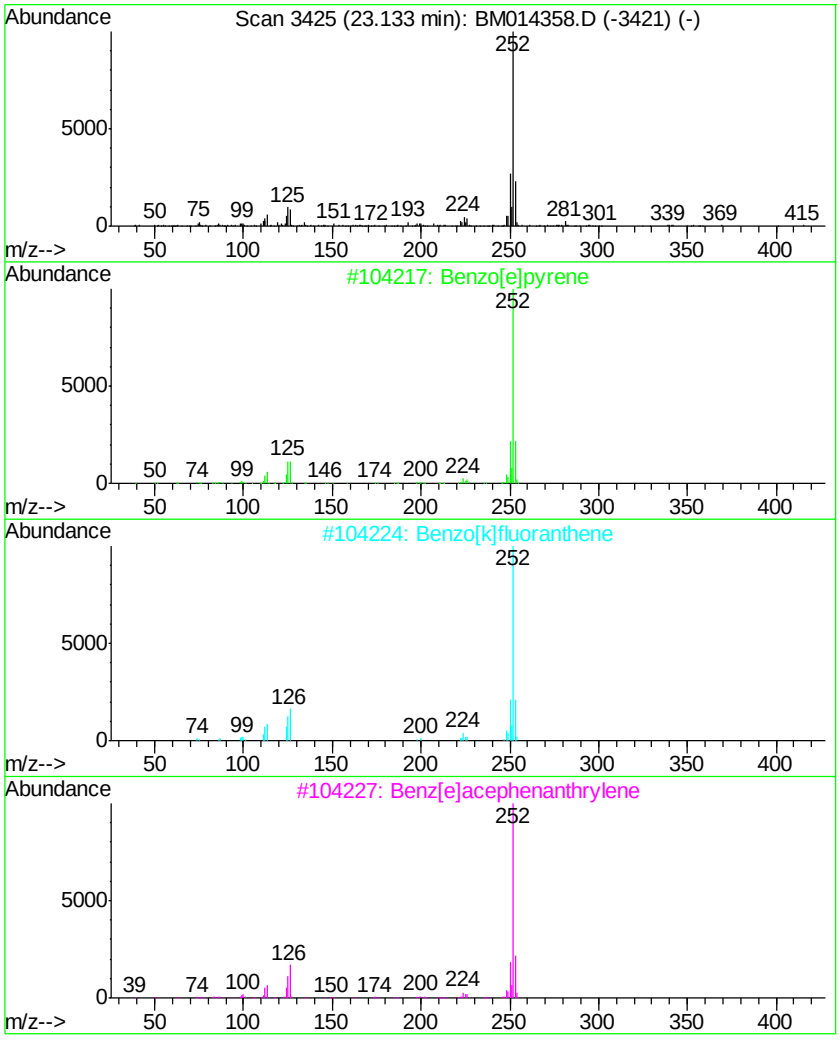
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

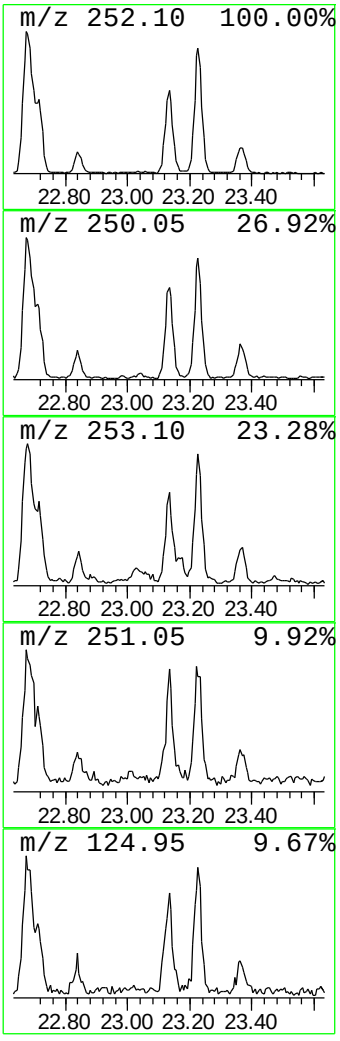
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	7.79 ng/ul	540224	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W9

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	4.68	2.1	ng/ul	90380	1	7.52	840430	20.0
(DEL) Alkane: Str...	15.05	2.3	ng/ul	193972	3	14.18	1679340	20.0
(DEL) Alkane: Str...	15.91	2.0	ng/ul	207582	4	16.94	2026290	20.0
9H-Fluoren-9-one	16.60	2.0	ng/ul	204030	4	16.94	2026290	20.0
Naphtho[2,1-b]thi...	16.76	2.2	ng/ul	220075	4	16.94	2026290	20.0
1H-Cyclopropa[l]p...	17.82	3.7	ng/ul	371878	4	16.94	2026290	20.0
n-Hexadecanoic acid	17.85	15.4	ng/ul	1560790	4	16.94	2026290	20.0
Carbonic acid, et...	18.01	6.2	ng/ul	627451	4	16.94	2026290	20.0
5H-Dibenzo[a,d]cy...	18.04	2.3	ng/ul	228670	4	16.94	2026290	20.0
Tricyclo[8.2.2.2(...	18.32	2.7	ng/ul	271447	4	16.94	2026290	20.0
9,10-Anthracenedione	18.37	3.3	ng/ul	334112	4	16.94	2026290	20.0
Anthracene, 1,4-d...	18.74	2.1	ng/ul	218308	4	16.94	2026290	20.0
Cyclopenta(def)ph...	18.89	3.4	ng/ul	340970	4	16.94	2026290	20.0
Octadecanoic acid	19.14	2.4	ng/ul	455223	5	21.15	3862000	20.0
11H-Benzo[b]fluorene	19.87	3.8	ng/ul	727902	5	21.15	3862000	20.0
Pyrene, 1-methyl-	20.03	2.1	ng/ul	411374	5	21.15	3862000	20.0
5H-Benzocyclohept...	20.16	3.2	ng/ul	618077	5	21.15	3862000	20.0
Behenic alcohol	20.87	7.2	ng/ul	1390000	5	21.15	3862000	20.0
Benzo[e]pyrene	23.13	7.8	ng/ul	540224	6	23.32	1386160	20.0