LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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	281	288	296	rBV	66854	116277	1.03%	0.090%
2	6.722	628	635	648	rBV2	355981	716995	6.36%	0.553%
3	6.875	655	661	669	rVB	276656	471869	4.19%	0.364%
4	7.057	686	692	701	rVB	456847	763245	6.77%	0.588%
5	7.516	765	770	783	rVB	456659	766378	6.80%	0.591%
6	8.245	887	894	903	rBV	422576	808700	7.18%	0.624%
7	8.351	903	912	920	rVB4	89869	235439	2.09%	0.182%
8	8.581	945	951	961	rVB9	49449	129158	1.15%	0.100%
9	8.681	961	968	975	rBV	417687	779792	6.92%	0.601%
10	9.392	1083	1089	1095	rVB2	366316	607519	5.39%	0.468%
11	9.463	1095	1101	1107	rVB8	73859	138417	1.23%	0.107%
12	9.934	1175	1181	1192	rBV2	451488	924450	8.20%	0.713%
13	10.287	1235	1241	1246	rBV	626842	1035904	9.19%	0.799%
14	10.339	1246	1250	1256	rVB	191003	320176	2.84%	0.247%
15	10.457	1264	1270	1281	rBV2	174058	449482	3.99%	0.347%
16	11.963	1522	1526	1532	rVB	109866	170097	1.51%	0.131%
17	12.186	1560	1564	1570	rVB	92593	139859	1.24%	0.108%
18	13.492	1780	1786	1791	rBV2	99946	180418	1.60%	0.139%
19	13.598	1797	1804	1808	rBV	903108	1224494	10.87%	0.944%
20	13.645	1808	1812	1818	rVB	401603	564801	5.01%	0.435%
21	13.863	1843	1849	1853	rBV	1051535	1647315	14.62%	1.270%
22	14.080	1879	1886	1890	rBV3	67249	112707	1.00%	0.087%
23	14.180	1896	1903	1908	rVB2	782606	1274545	11.31%	0.983%
24	14.239	1908	1913	1922	rVB	312273	482076	4.28%	0.372%
25	14.451	1944	1949	1965	rVB3	180147	470317	4.17%	0.363%
26	14.580	1966	1971	1976	rBV	263959	397475	3.53%	0.306%
27	14.798	2002	2008	2014	rBV4	65091	140775	1.25%	0.109%
28	14.857	2015	2018	2030	rVB2	50303	112901	1.00%	0.087%
29	15.039	2042	2049	2056	rVB6	77343	147439	1.31%	0.114%
30	15.180	2067	2073	2078	rBV	1319602	1778641	15.78%	1.371%
31	15.233	2078	2082	2087	rVB	383547	553883	4.92%	0.427%
32	15.339	2095	2100	2107	rBV2	280724	520577	4.62%	0.401%
33	15.533	2128	2133	2139	rVB	134589	230270	2.04%	0.178%
34	15.680	2154	2158	2167	rVB2	119109	233179	2.07%	0.180%

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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

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Peak separation: 5

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

35	15.769	2167	2173	2181	rVB5	69464	135783	1.21%	0.105%
36	15.910	2193	2197	2204	rVB7	102274	211445	1.88%	0.163%
37	16.245	2247	2254	2259	rBV6	97195	223881	1.99%	0.173%
38	16.598	2310	2314	2320	rVB	246022	375103	3.33%	0.289%
39	16.757	2336	2341	2349	rVB	297591	484545	4.30%	0.374%
40	16.939	2366	2372	2375	rBV	1003970	1430955	12.70%	1.103%
41	16.980	2375	2379	2384	rVV	5027374	6992836	62.06%	5.391%
42	17.039	2384	2389	2392	rVV	1404108	2128034	18.89%	1.641%
43	17.074	2392	2395	2400	rVV	907126	1190538	10.57%	0.918%
44	17.139	2400	2406	2411	rVB4	105315	220619	1.96%	0.170%
45	17.357	2434	2443	2454	rBV2	442205	939305	8.34%	0.724%
46	17.457	2458	2460	2467	rVV4	109459	187052	1.66%	0.144%
47	17.521	2467	2471	2480	rVB5	123182	272332	2.42%	0.210%
48	17.657	2491	2494	2500	rVB2	88221	145592	1.29%	0.112%
49	17.815	2516	2521	2524	rBV	642462	877714	7.79%	0.677%
50	17.857	2524	2528	2535	rVV2	1589360	2600347	23.08%	2.005%
51	17.945	2539	2543	2548	rVV	283842	409827	3.64%	0.316%
52	18.010	2548	2554	2558	rVV3	845684	1586155	14.08%	1.223%
53	18.045	2558	2560	2568	rVB	472919	586991	5.21%	0.453%
54	18.133	2571	2575	2578	rBV4	111763	154726	1.37%	0.119%
55	18.321	2603	2607	2612	rBV	450956	579842	5.15%	0.447%
56	18.374	2612	2616	2623	rVB	510458	772558	6.86%	0.596%
57	18.568	2645	2649	2654	rVV3	148054	203809	1.81%	0.157%
58	18.621	2655	2658	2661	rVV	164683	181272	1.61%	0.140%
59	18.662	2662	2665	2669	rVB2	159221	188322	1.67%	0.145%
60	18.745	2674	2679	2682	rBV	434622	665841	5.91%	0.513%
61	18.804	2683	2689	2693	rVV5	201578	522577	4.64%	0.403%
62	18.839	2693	2695	2698	rVB	138459	128118	1.14%	0.099%
63	18.898	2699	2705	2710	rBV3	369198	728901	6.47%	0.562%
64	19.015	2718	2725	2731	rBV	8793925	11267919	100.00%	8.688%
65	19.115	2738	2742	2743	rBV2	156748	188226	1.67%	0.145%
66	19.145	2743	2747	2756	rVB2	1103446	1670099	14.82%	1.288%
67	19.251	2763	2765	2769	rVB	249607	295678	2.62%	0.228%
68	19.351	2777	2782	2784	rBV3	2626625	3985429	35.37%	3.073%
69	19.380	2784	2787	2795	rVB	7458826	9215491	81.79%	7.105%
70	19.451	2795	2799	2803	rBV2	339005	515233	4.57%	0.397%
71	19.562	2814	2818	2822	rVB	352584	486439	4.32%	0.375%

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Instrument : BNA_M
ClientSampleId : BE5Y7

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	19.627	2825	2829	2833	rVB	377186	531121	4.71%	0.409%
73	19.704	2837	2842	2848	rBV4	426699	1053284	9.35%	0.812%
74	19.851	2861	2867	2868	rBV3	425151	713595	6.33%	0.550%
75	19.880	2869	2872	2878	rVB	941340	1195984	10.61%	0.922%
76	19.980	2885	2889	2892	rBV	604348	739959	6.57%	0.571%
77	20.039	2893	2899	2903	rVV2	647137	1078170	9.57%	0.831%
78	20.174	2919	2922	2926	rBV	391070	461357	4.09%	0.356%
79	20.221	2927	2930	2935	rVB	404172	558865	4.96%	0.431%
80	20.439	2964	2967	2971	rBV2	312028	468107	4.15%	0.361%
81	20.639	2997	3001	3007	rVB	743771	992315	8.81%	0.765%
82	20.798	3024	3028	3031	rBV2	777714	1026151	9.11%	0.791%
83	20.833	3031	3034	3037	rVV	690871	815223	7.23%	0.629%
84	20.868	3037	3040	3048	rVV3	782802	1532868	13.60%	1.182%
85	20.939	3049	3052	3057	rVB	787019	927716	8.23%	0.715%
86	21.139	3079	3086	3092	rBV2	5475084	10358312	91.93%	7.986%
87	21.192	3092	3095	3104	rVB	5099990	6108036	54.21%	4.709%
88	21.303	3111	3114	3122	rBV	650238	1014981	9.01%	0.783%
89	21.645	3169	3172	3175	rBV2	313162	453031	4.02%	0.349%
90	21.692	3178	3180	3184	rVB	831869	962506	8.54%	0.742%
91	21.886	3210	3213	3216	rBV2	391833	517706	4.59%	0.399%
92	22.692	3344	3350	3355	rBV	3721183	8634132	76.63%	6.657%
93	22.850	3374	3377	3381	rVB	693484	972754	8.63%	0.750%
94	23.150	3423	3428	3432	rBV	1957334	3289827	29.20%	2.536%
95	23.197	3433	3436	3439	rVV2	1146133	1856164	16.47%	1.431%
96	23.244	3439	3444	3452	rVB	3470781	6005205	53.29%	4.630%
97	23.380	3463	3467	3475	rVB2	989195	1922373	17.06%	1.482%
98	25.503	3821	3828	3837	rVB2	1541947	4117674	36.54%	3.175%

Sum of corrected areas: 129702520

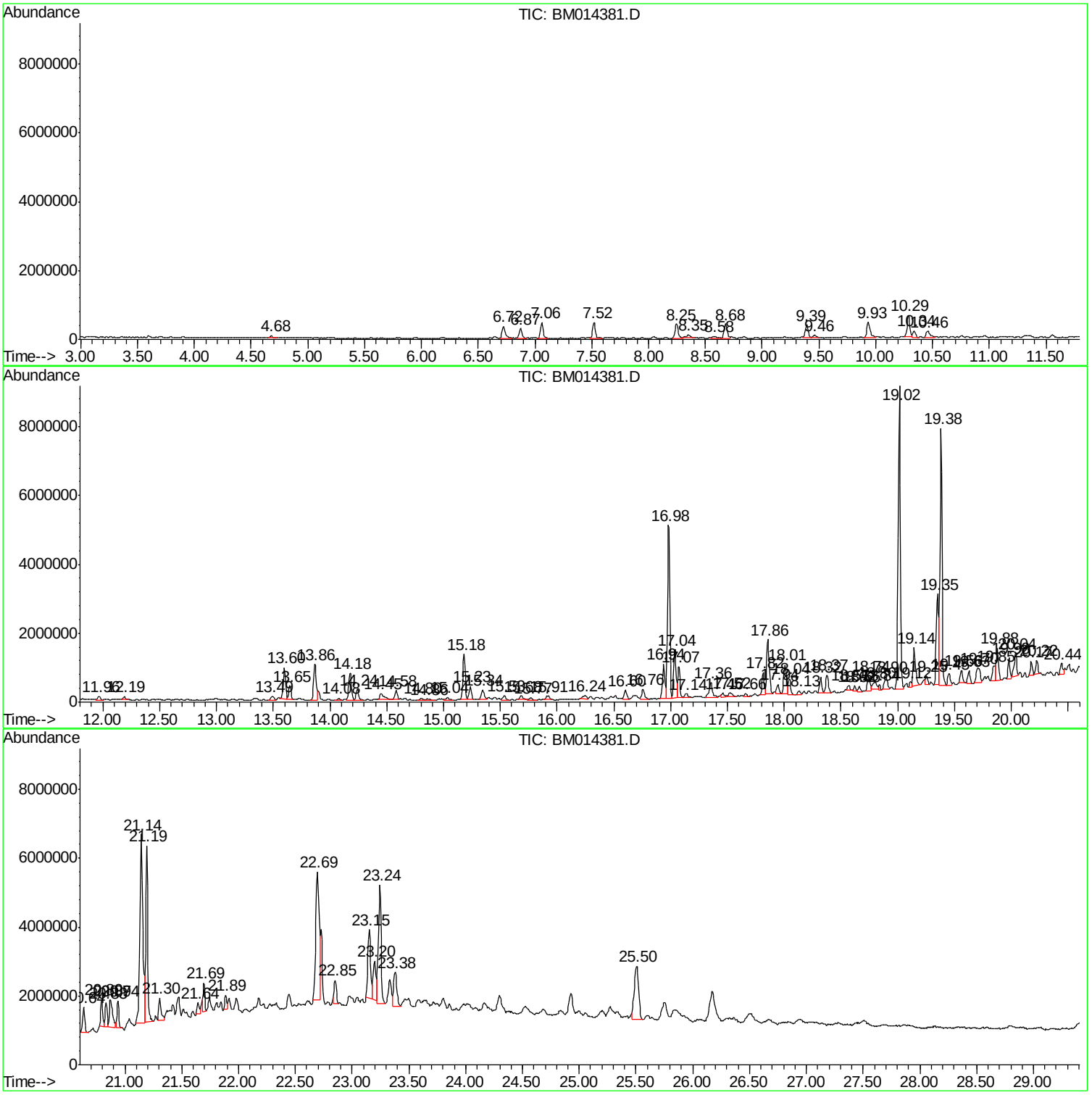
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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 : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
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Instrument : BNA_M
ClientSampleId : BE5Y7

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

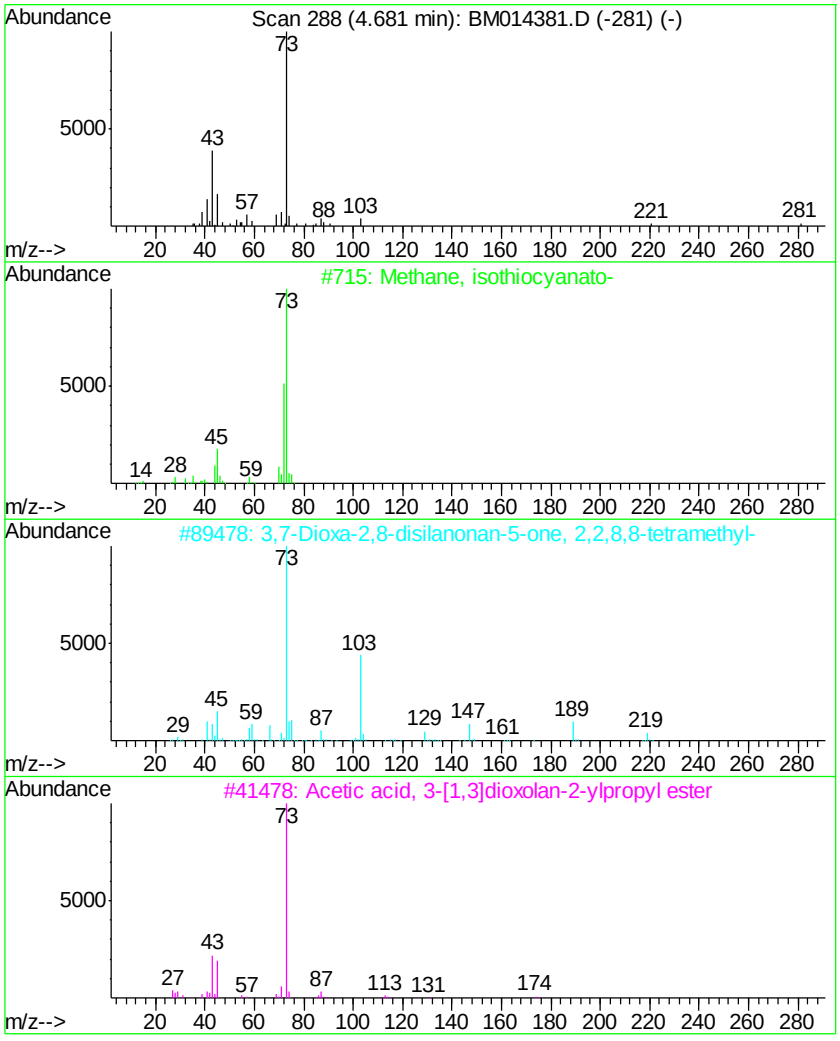
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

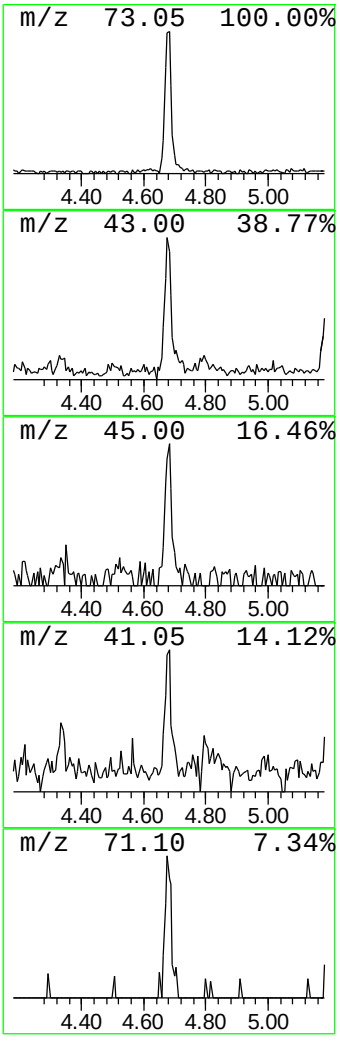
****

Peak Number 1 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.03 ng/ul	116277	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	47
2	3,7-Dioxa-2,8-disilanonan-5-one,...	234	C9H22O3Si2	017877-42-8	33
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	28
4	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014381.D
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Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

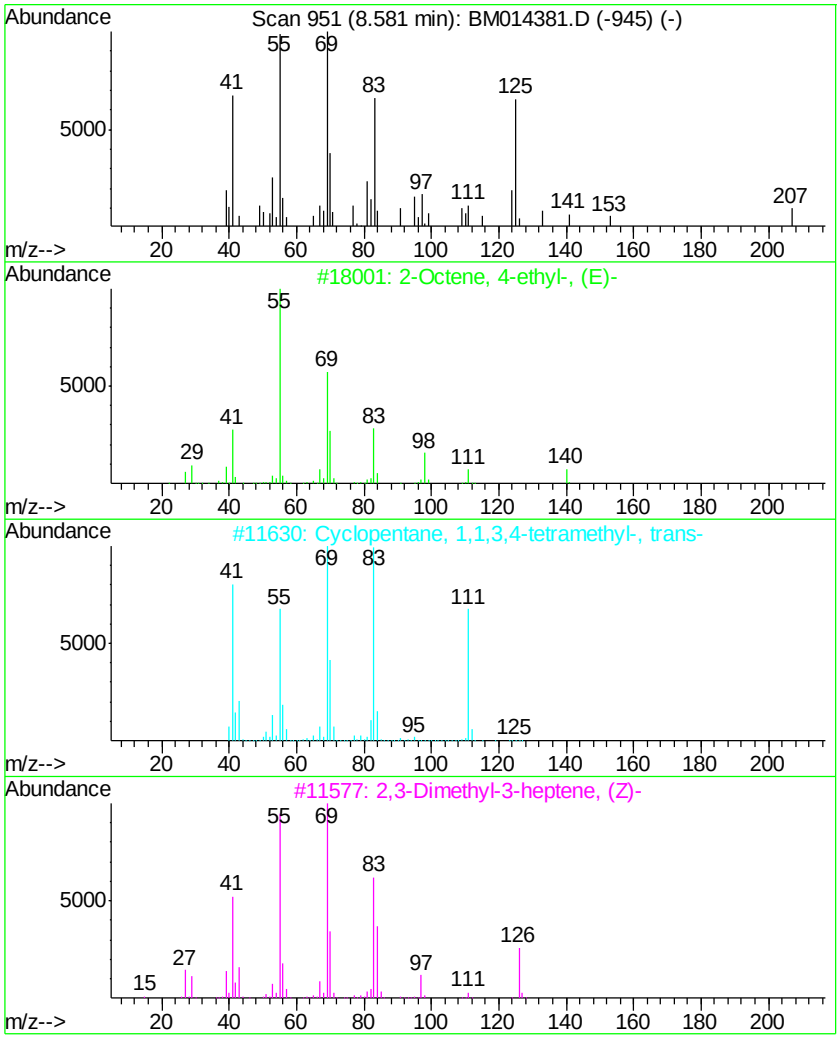
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

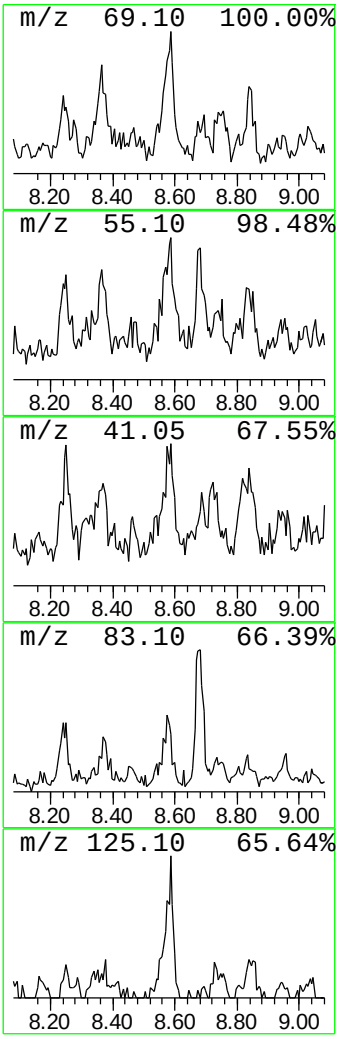
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic8.58 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.37 ng/ul	129158	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	50
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
3	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	47
4	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	47
5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	43





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Quant Title : SVOA CALIBRATION

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

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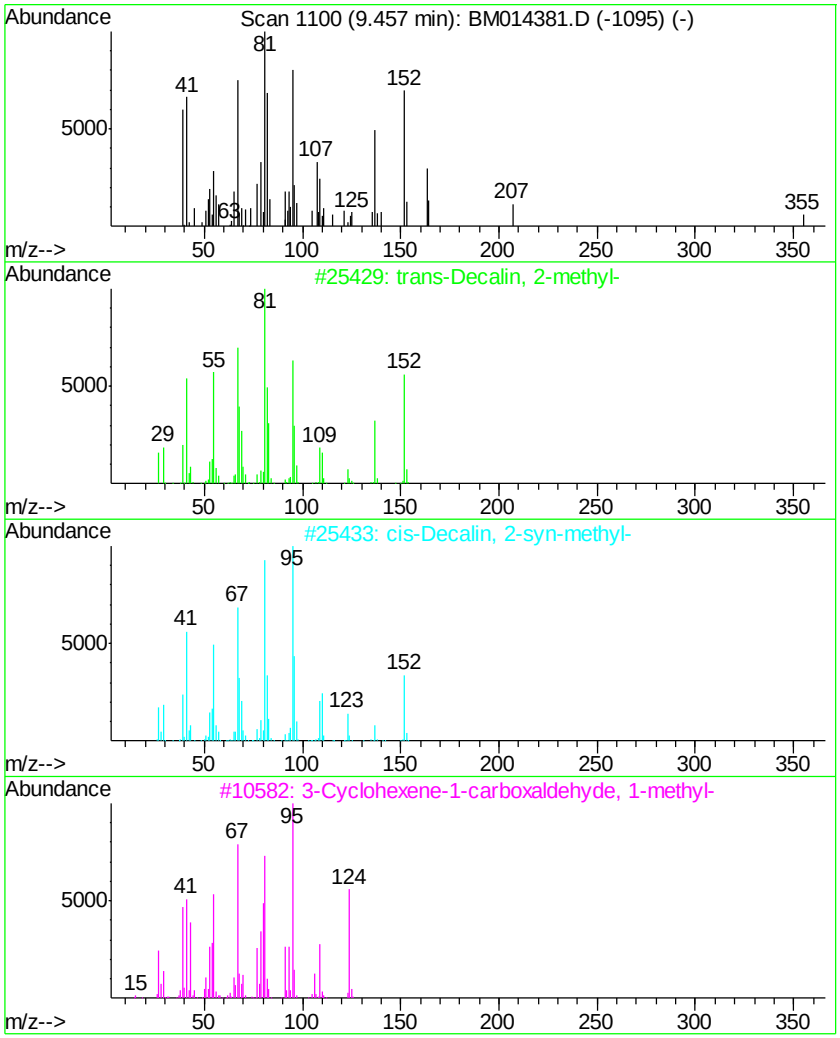
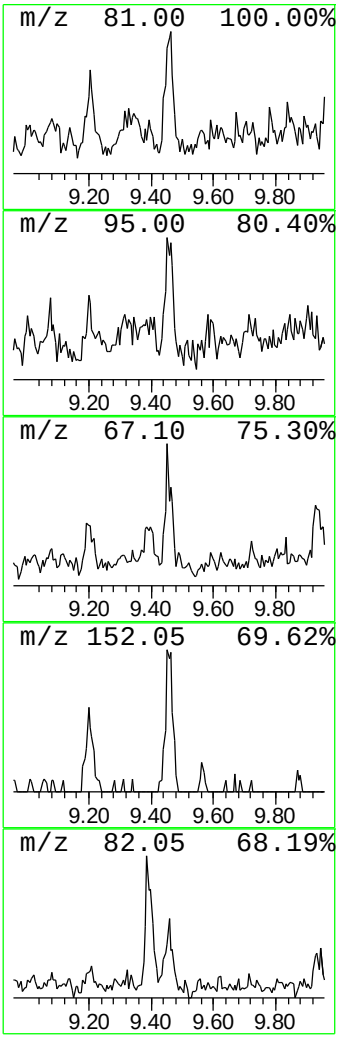
Peak Number 3 trans-Decalin, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.67 ng/ul	138417	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	52
3	3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	000931-96-4	49
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	49
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	30





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Instrument : BNA_M
ClientSampleId : BE5Y7

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

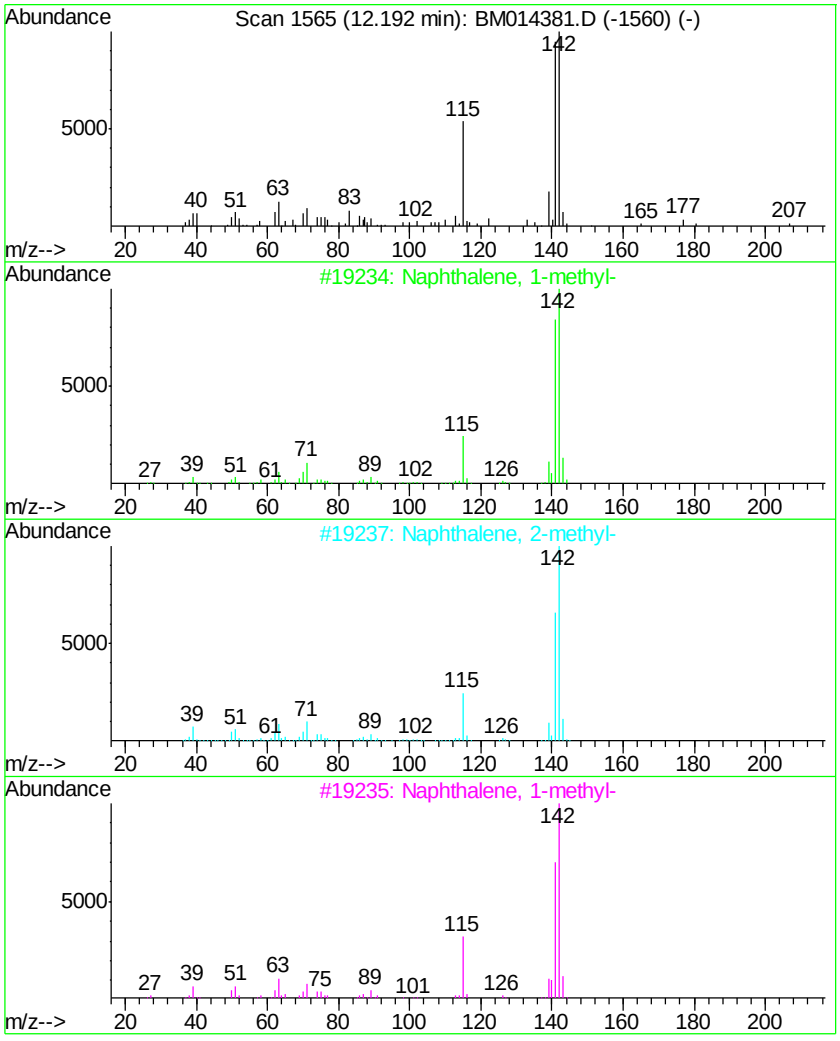
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

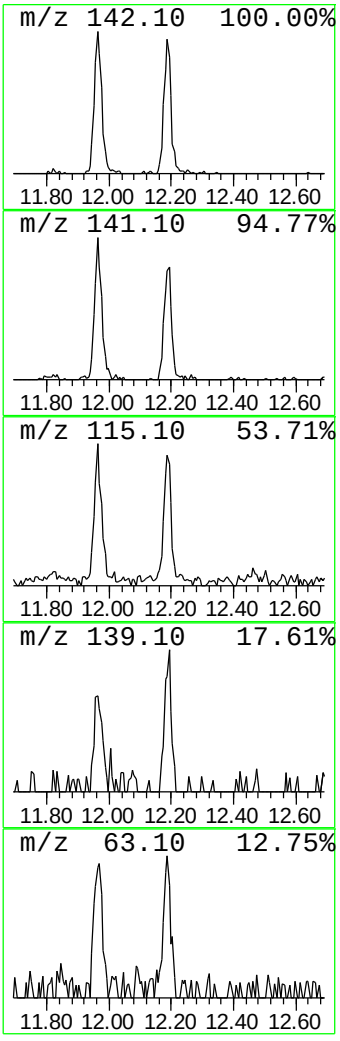
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.70 ng/ul	139859	Naphthalene-d8	10.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87





Library Search Compound Report

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Data File : BM014381.D
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Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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

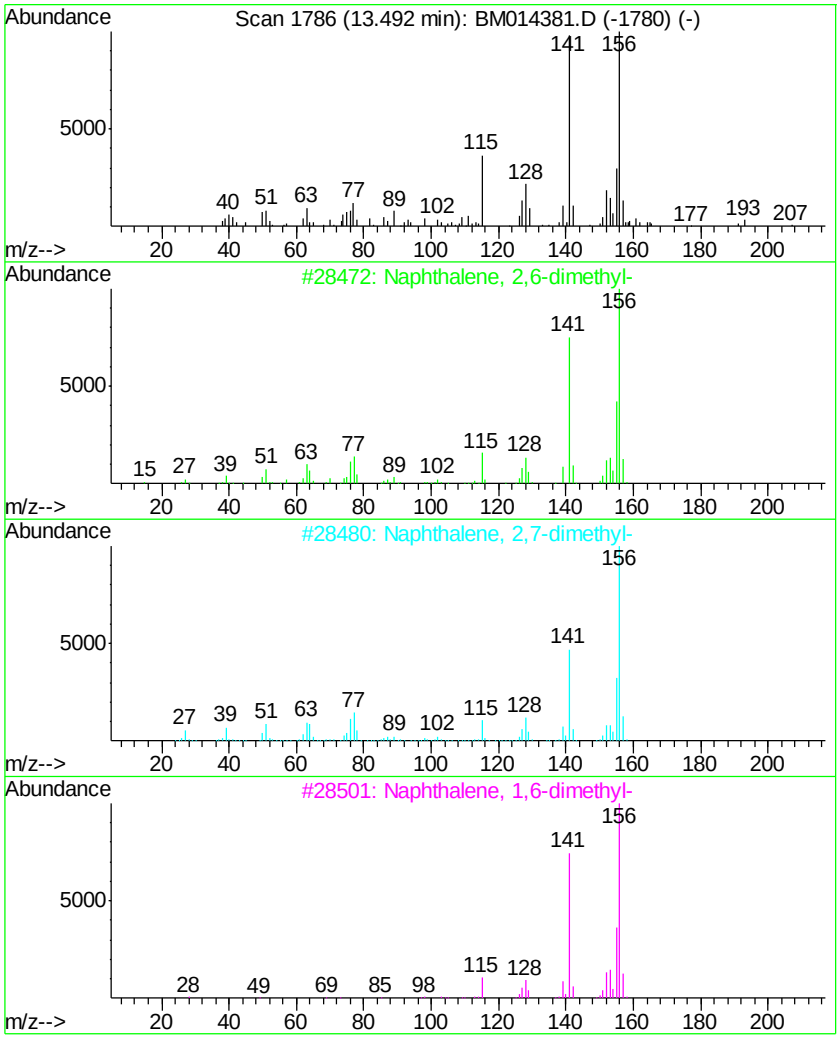
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

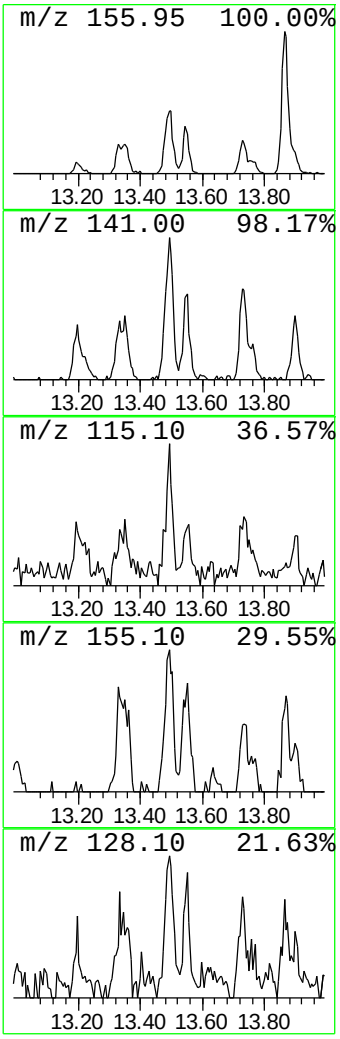
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.83 ng/ul	180418	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

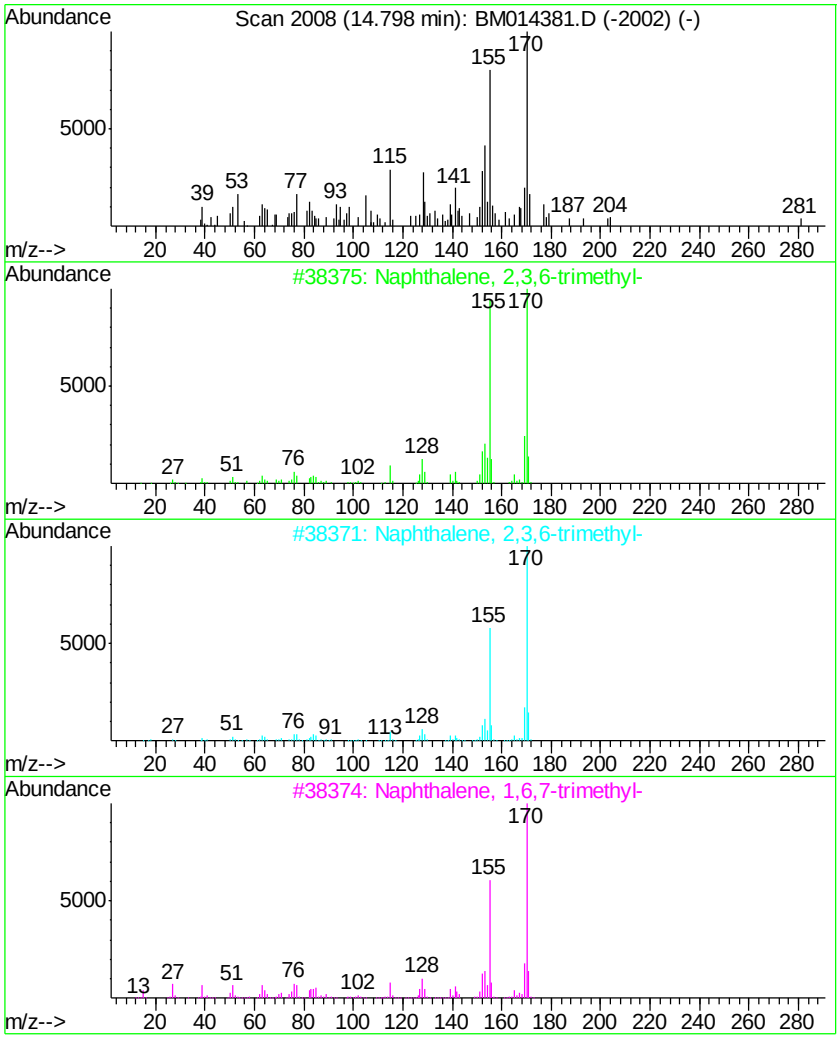
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

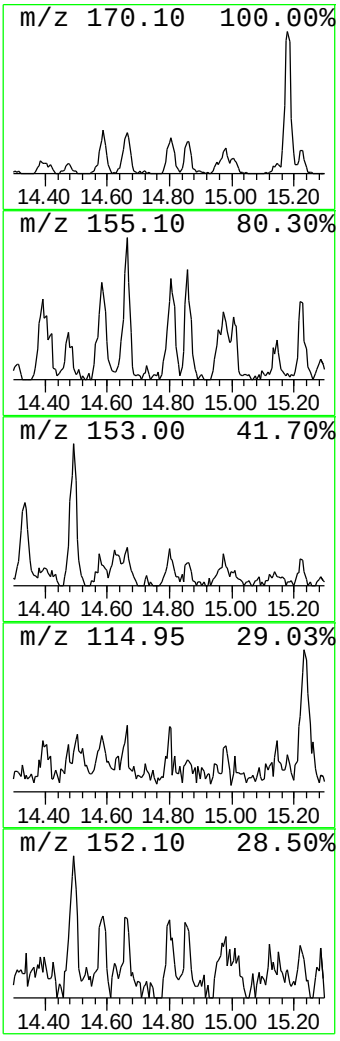
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.21 ng/ul	140775	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70





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Acq On : 27 Feb 2018 14:12
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Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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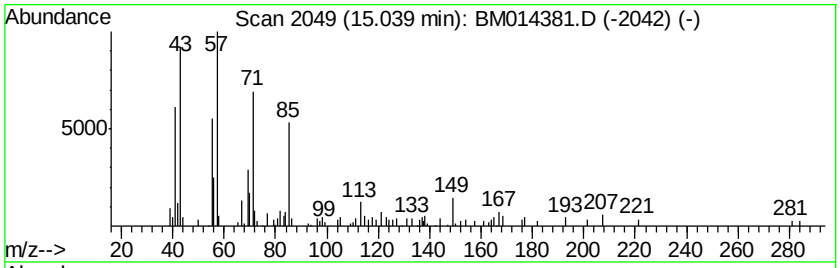
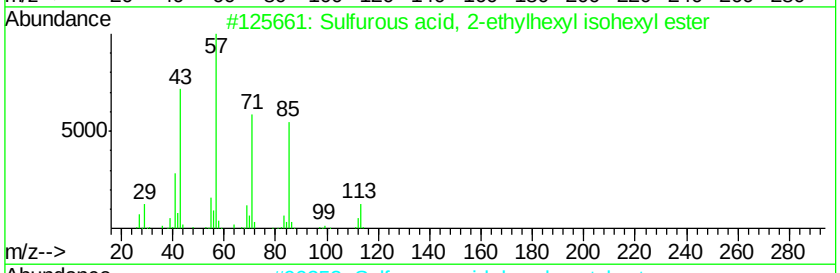
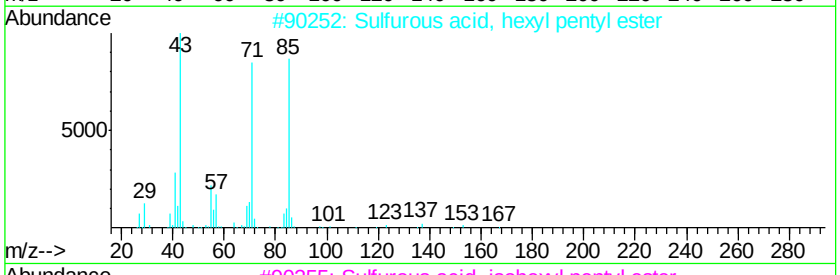
Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 31

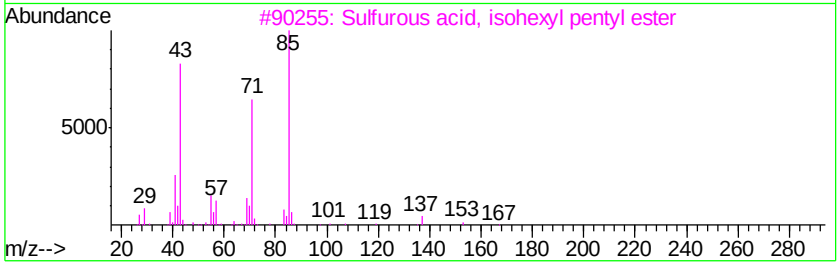
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.31 ng/ul	147439	Acenaphthene-d10	14.17

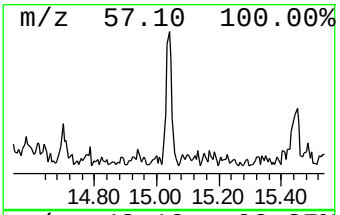
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47
3	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	47
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46

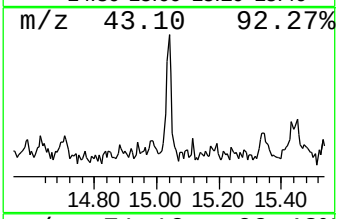


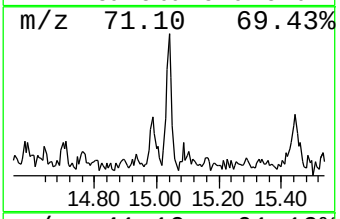


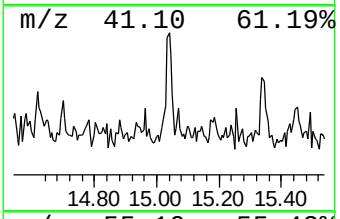


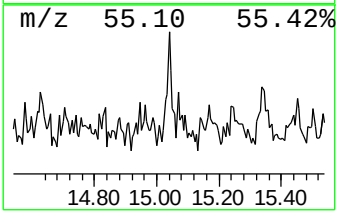












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Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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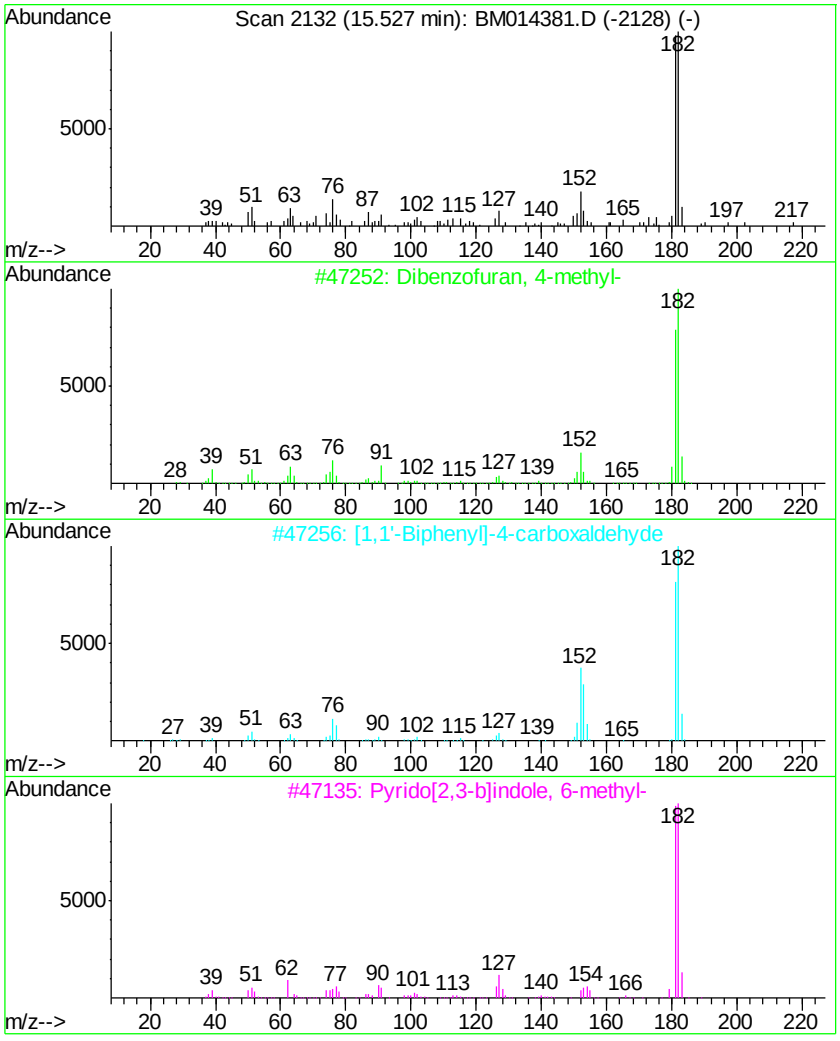
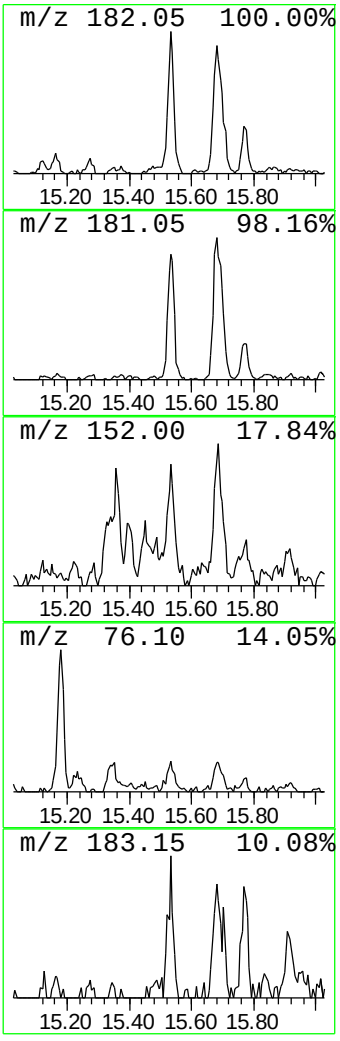
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	3.61 ng/ul	230270	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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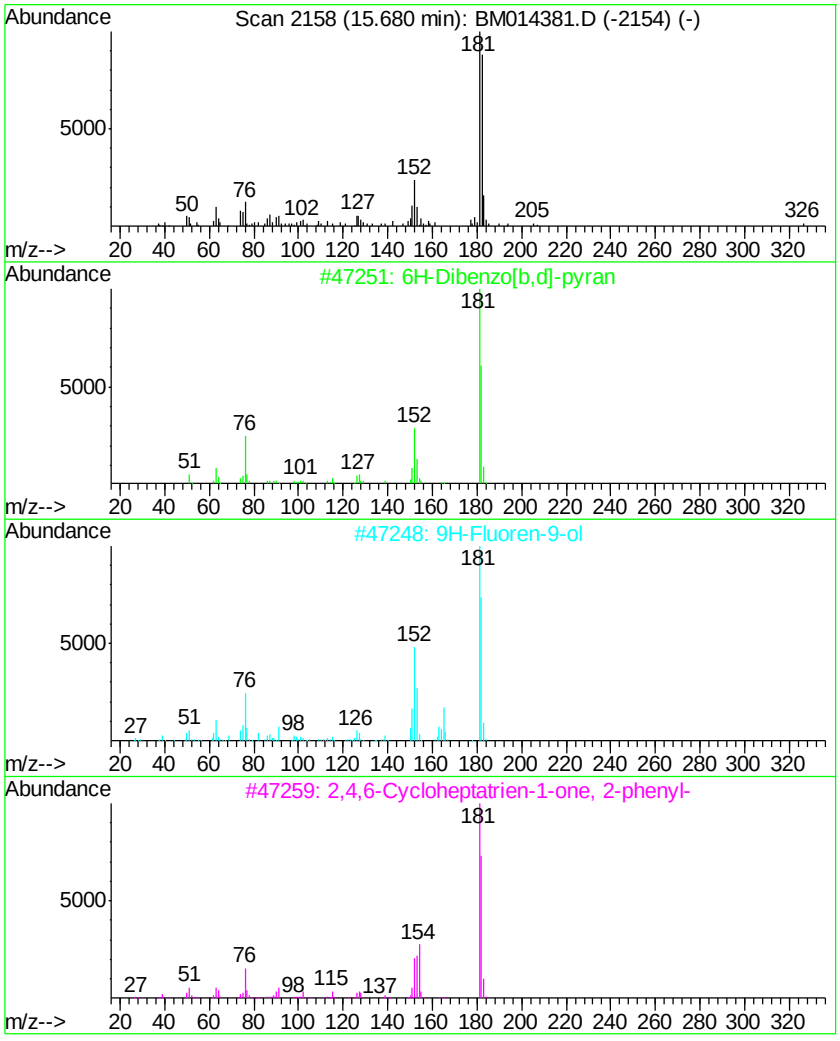
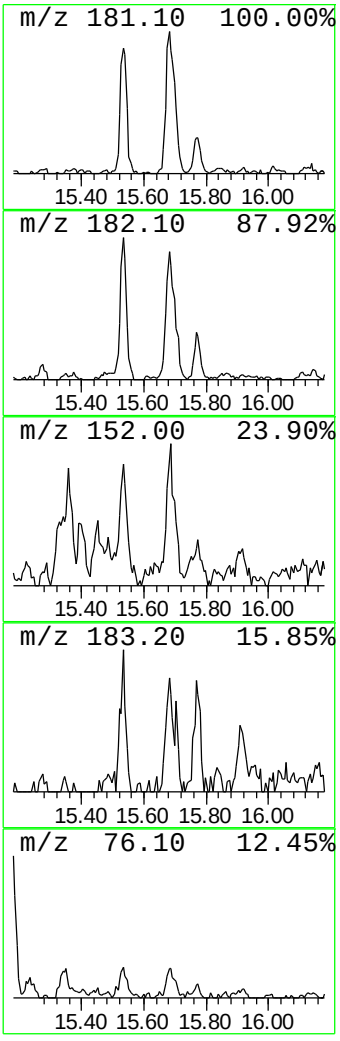
Peak Number 9 6H-Dibenzo[b,d]-pyran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	3.26 ng/ul	233179	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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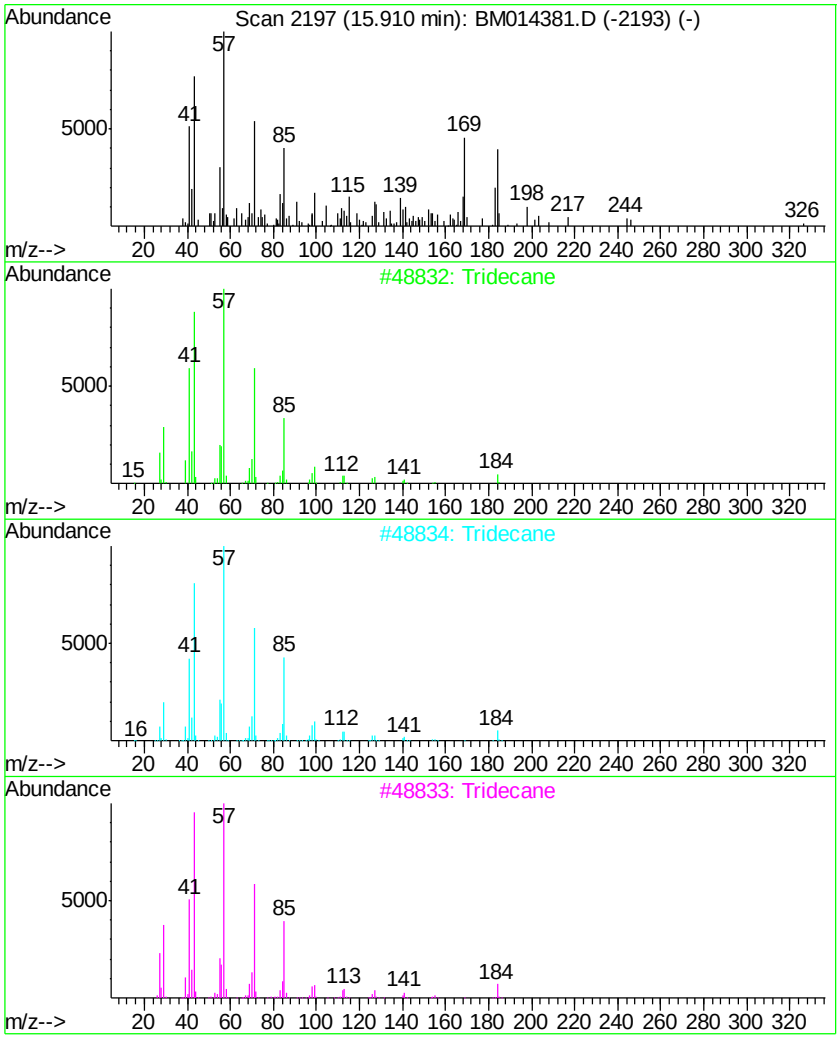
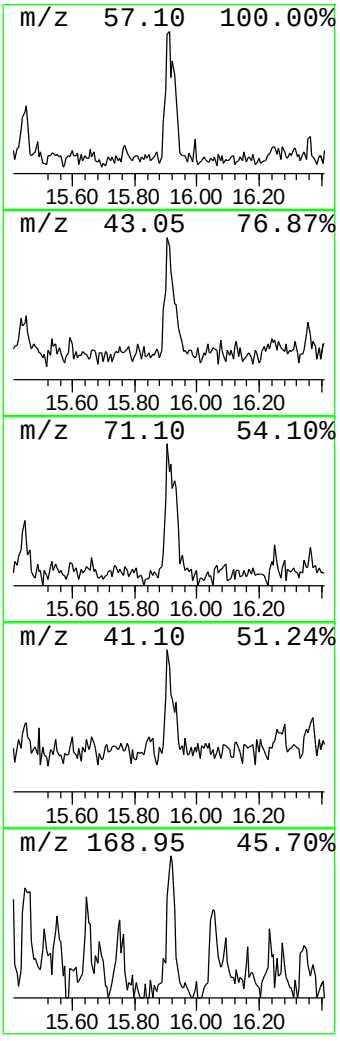
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.96 ng/ul	211445	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Tridecane	184	C13H28	000629-50-5	49
3	Tridecane	184	C13H28	000629-50-5	49
4	Tetradecane	198	C14H30	000629-59-4	38
5	Undecane	156	C11H24	001120-21-4	30





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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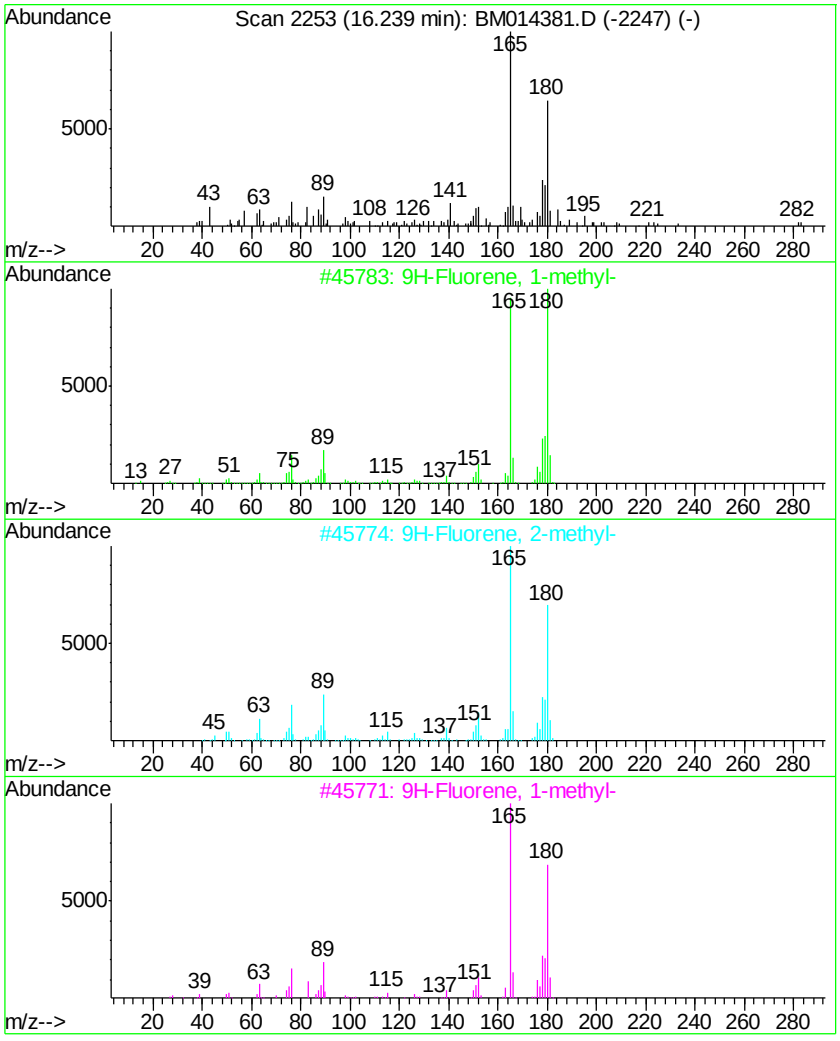
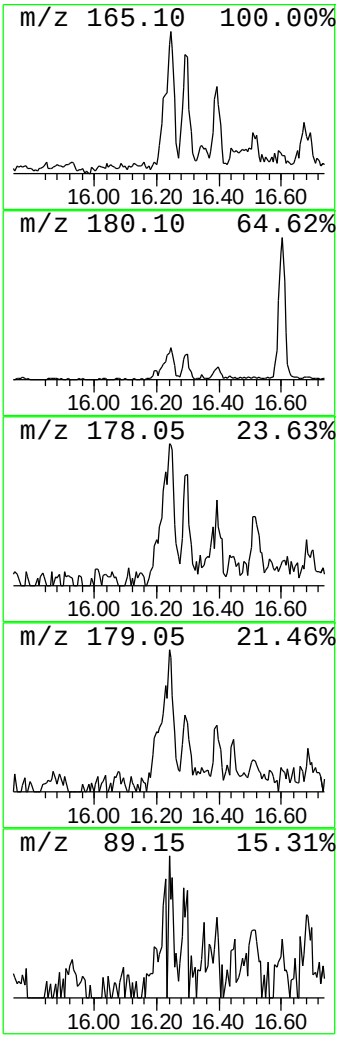
Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.13 ng/ul	223881	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60





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Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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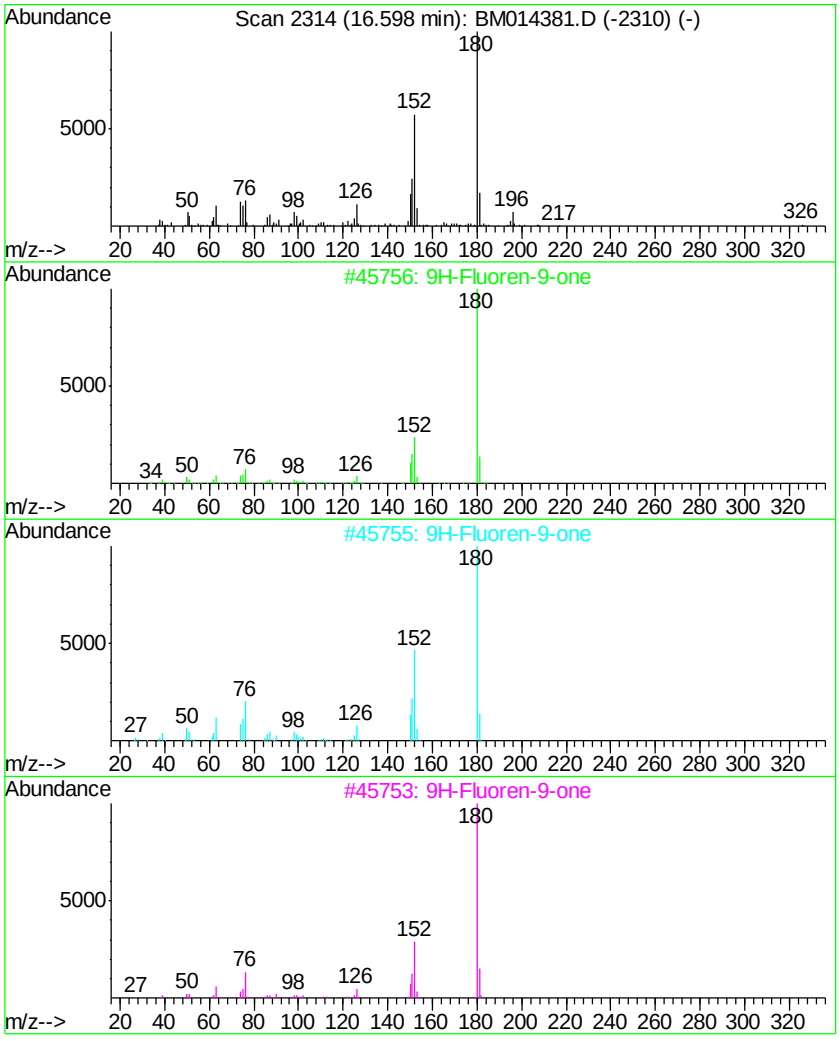
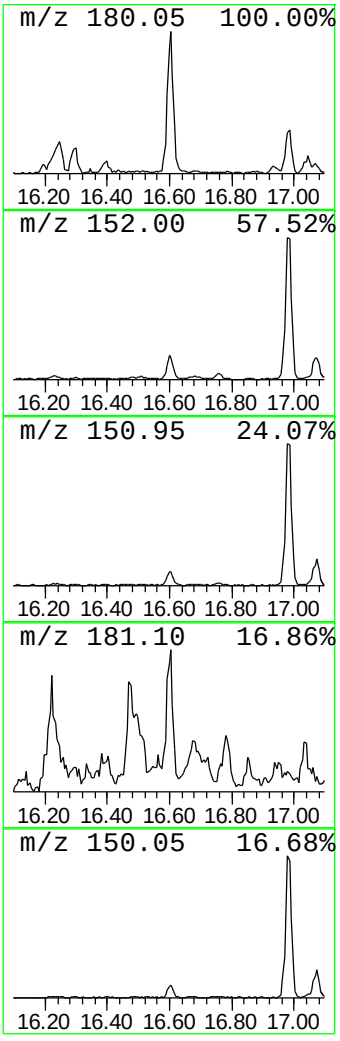
Peak Number 12 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.24 ng/ul	375103	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	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90





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Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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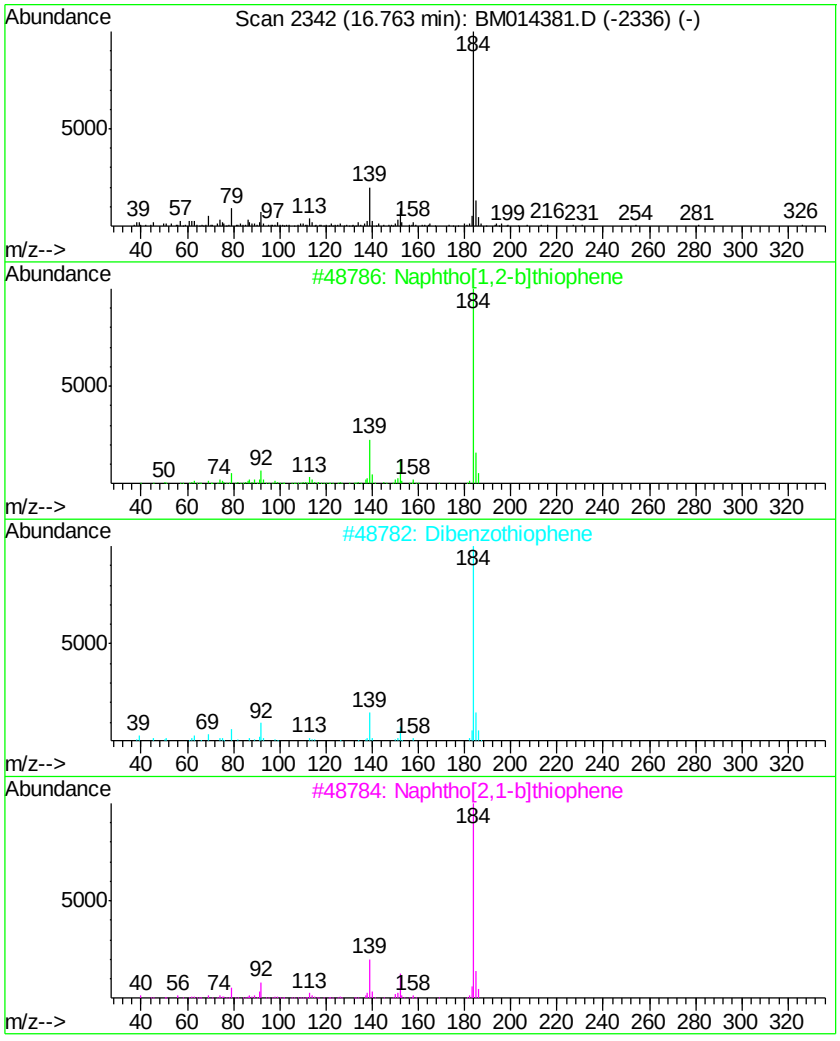
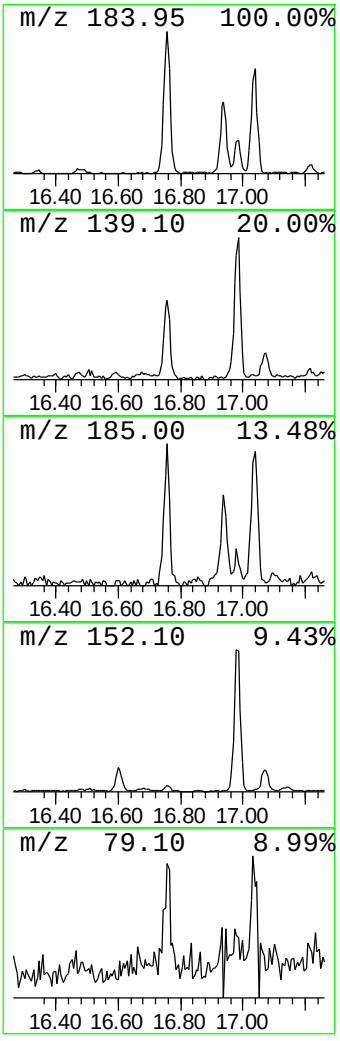
Peak Number 13 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	6.77 ng/ul	484545	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Quant Title : SVOA CALIBRATION

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

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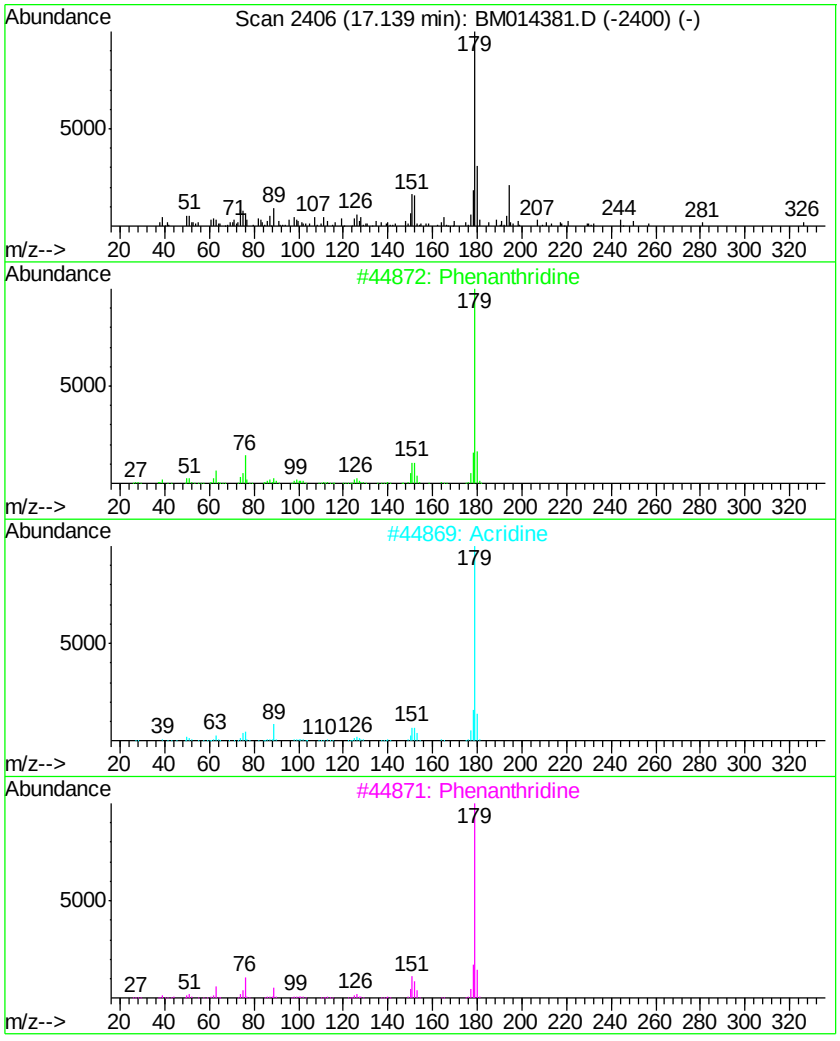
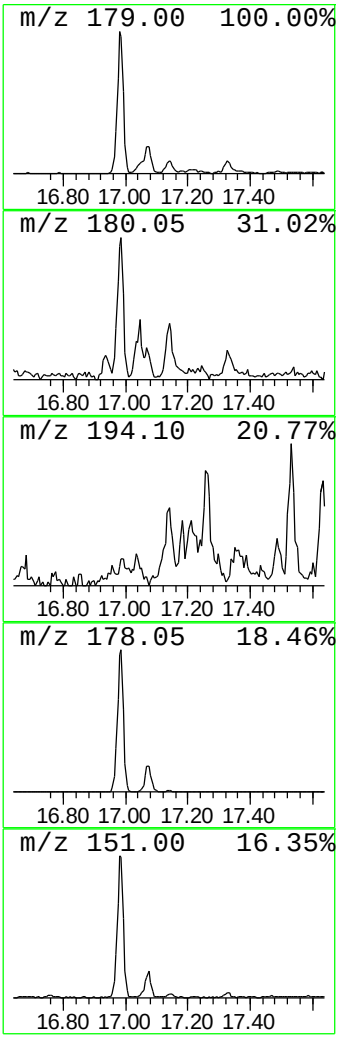
Peak Number 14 Phenanthridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.08 ng/ul	220619	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	70
2	Acridine	179	C13H9N	000260-94-6	70
3	Phenanthridine	179	C13H9N	000229-87-8	64
4	Benzo[g]quinoline	179	C13H9N	000260-36-6	62
5	Acridine	179	C13H9N	000260-94-6	62





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Quant Title : SVOA CALIBRATION

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

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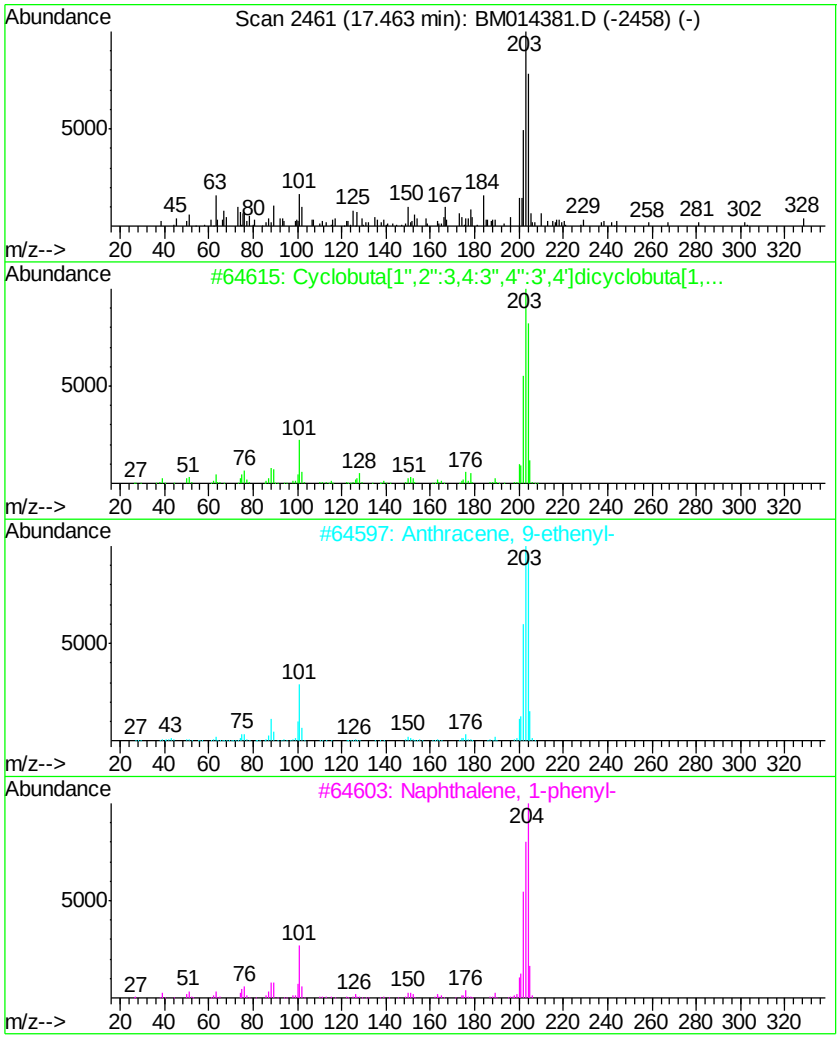
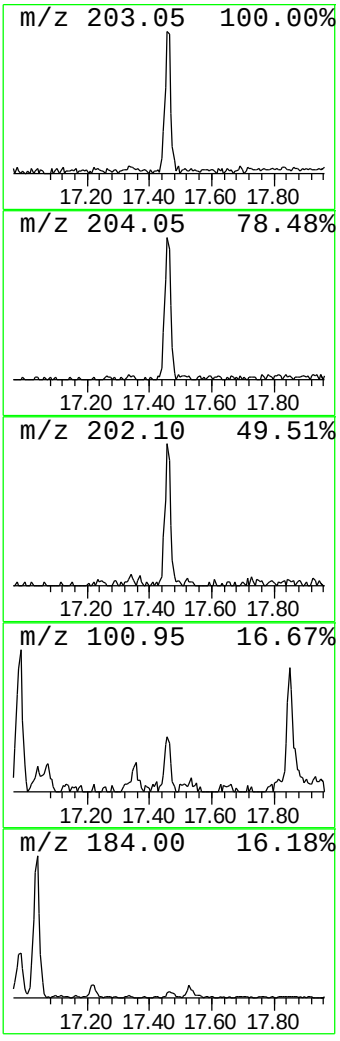
Peak Number 15 Cyclobuta[1'',2'':3,4:3'',4... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.61 ng/ul	187052	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	62
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	62
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	58
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55





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Instrument : BNA_M
ClientSampleId : BE5Y7

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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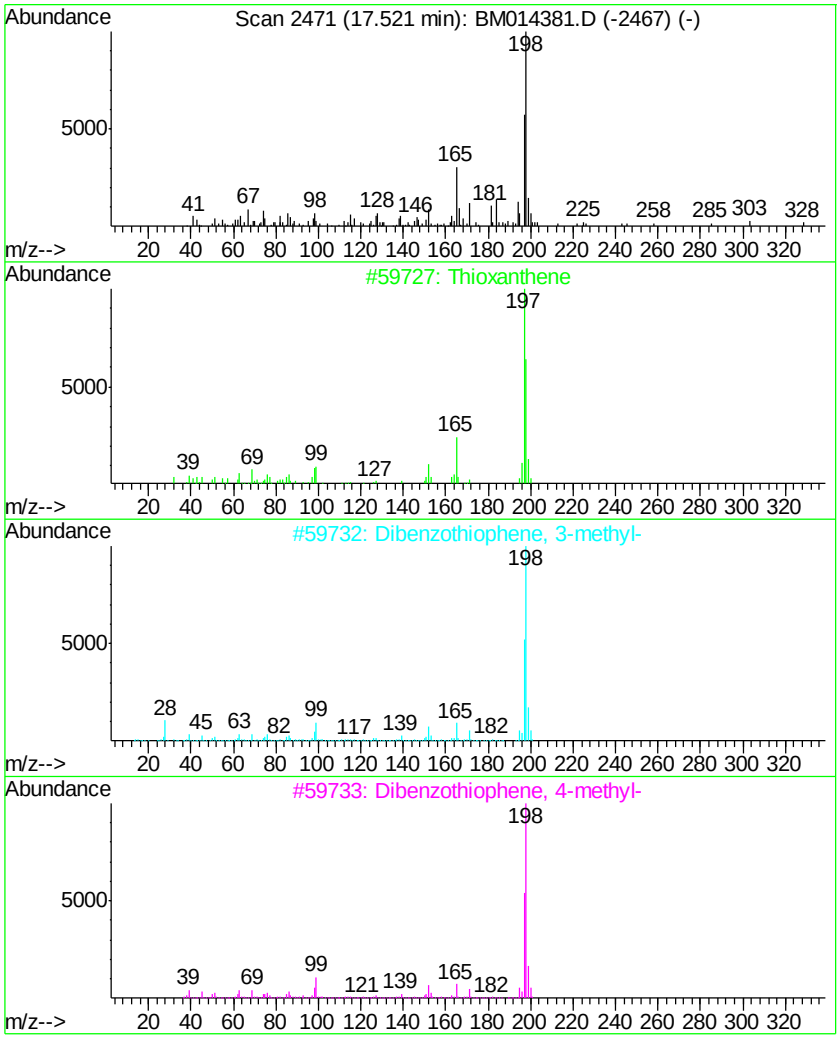
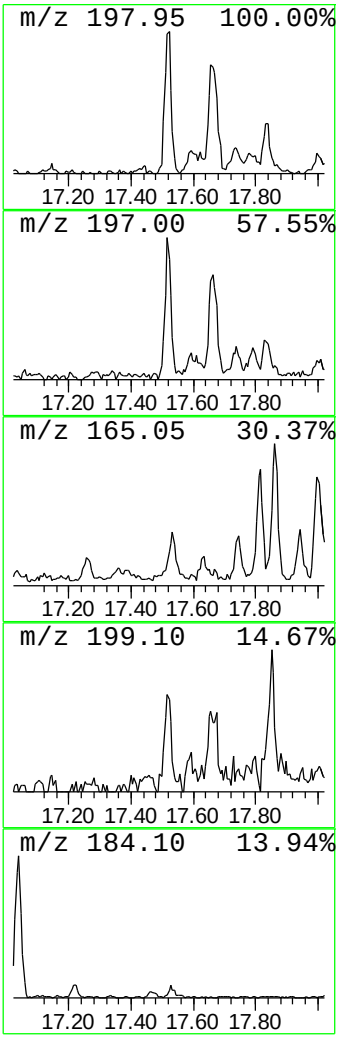
Peak Number 16 Thioxanthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.81 ng/ul	272332	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioxanthene	198	C13H10S	000261-31-4	60
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	58
5	Tacrine	198	C13H14N2	000321-64-2	53





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Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

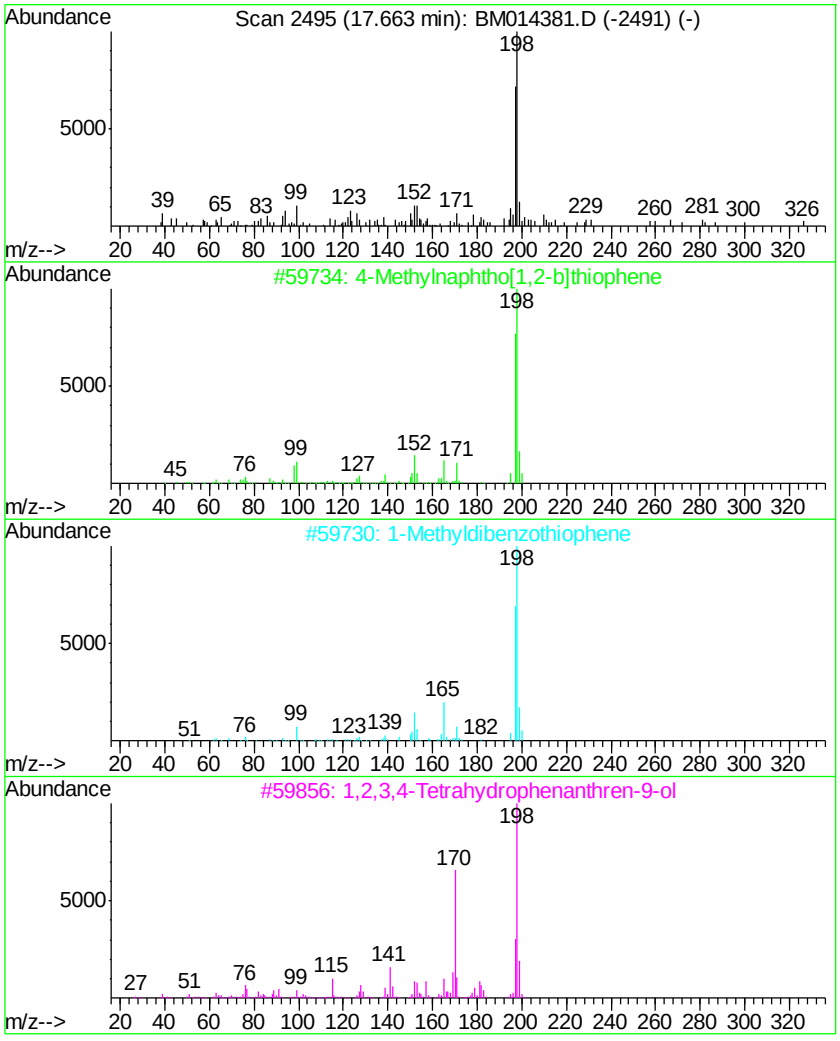
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

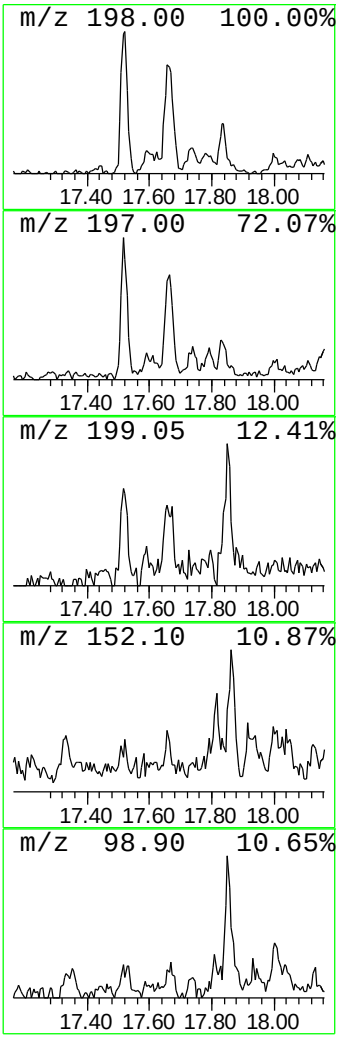
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	2.03 ng/ul	145592	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
3	1,2,3,4-Tetrahydrophenanthren-9-ol	198	C14H14O	019817-12-0	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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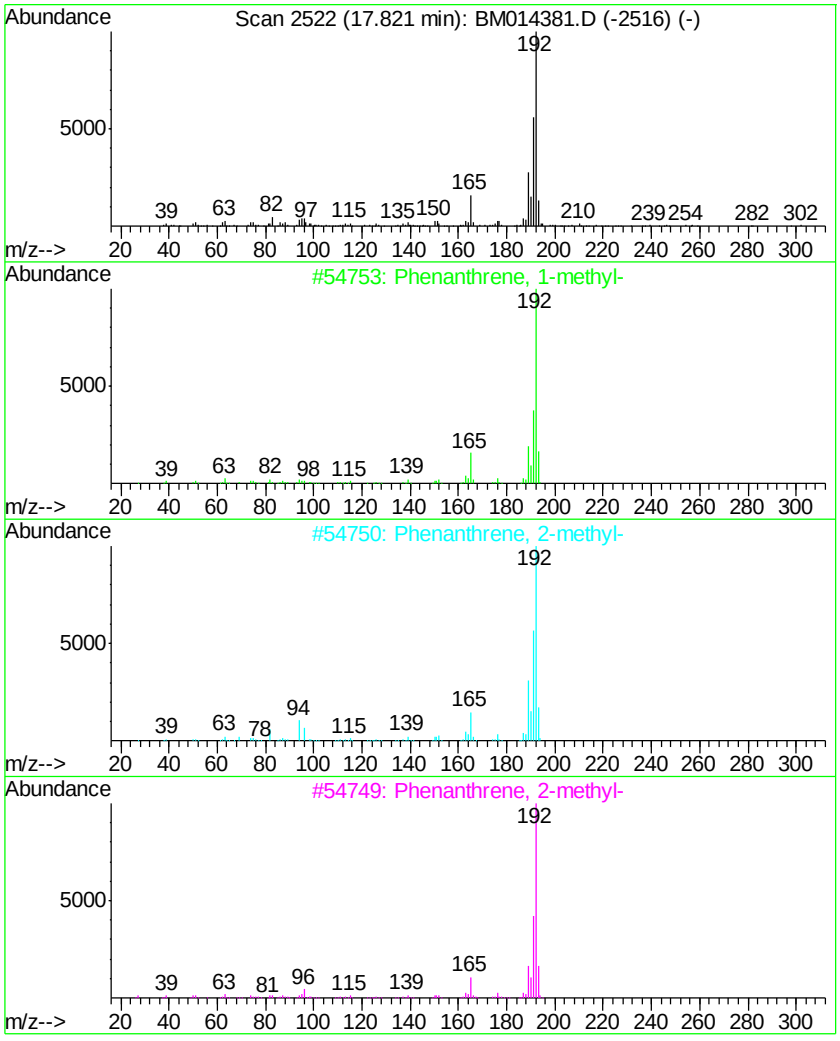
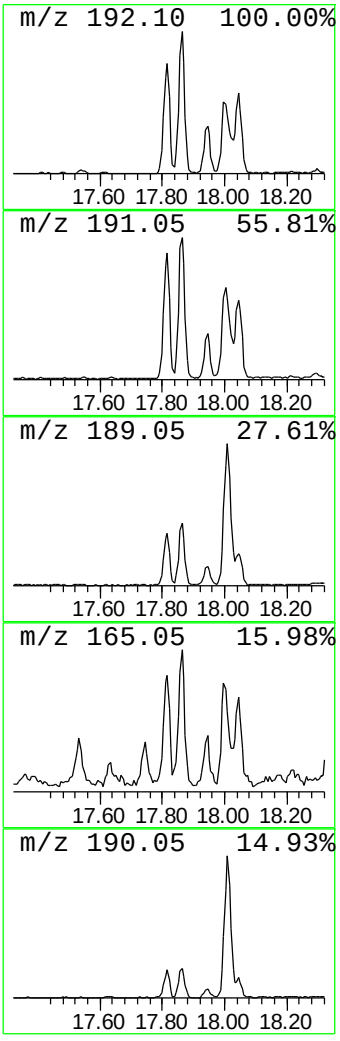
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	12.27 ng/ul	877714	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, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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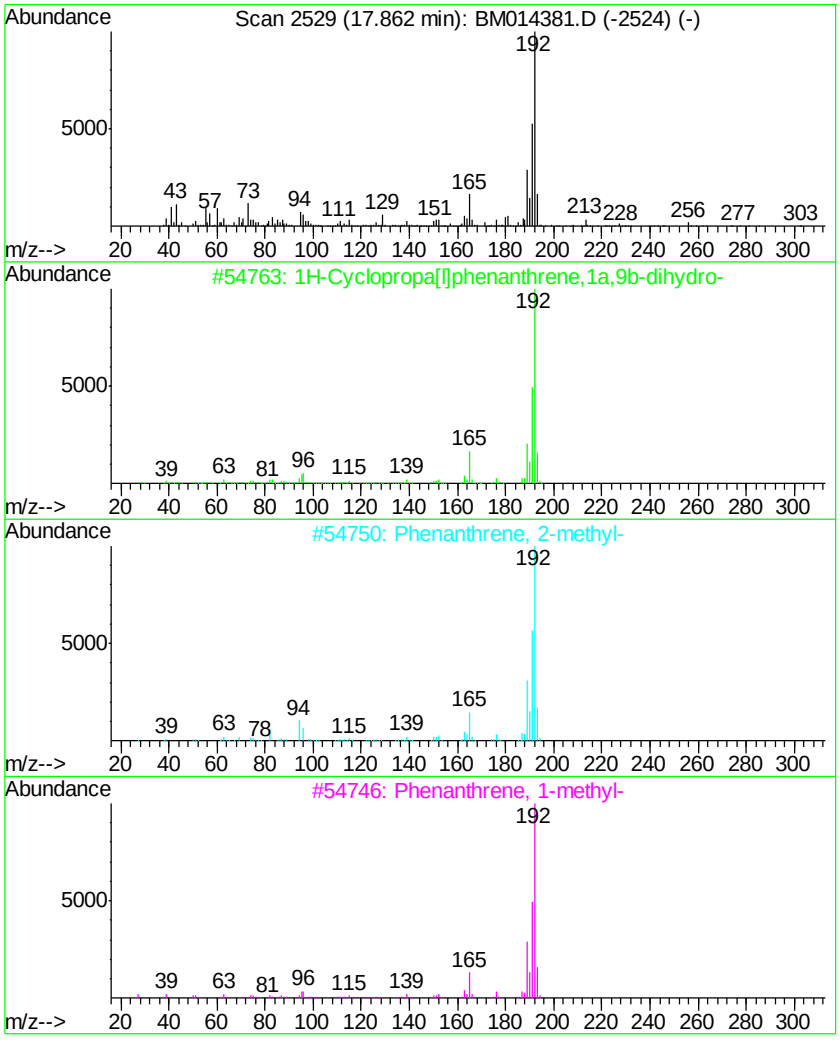
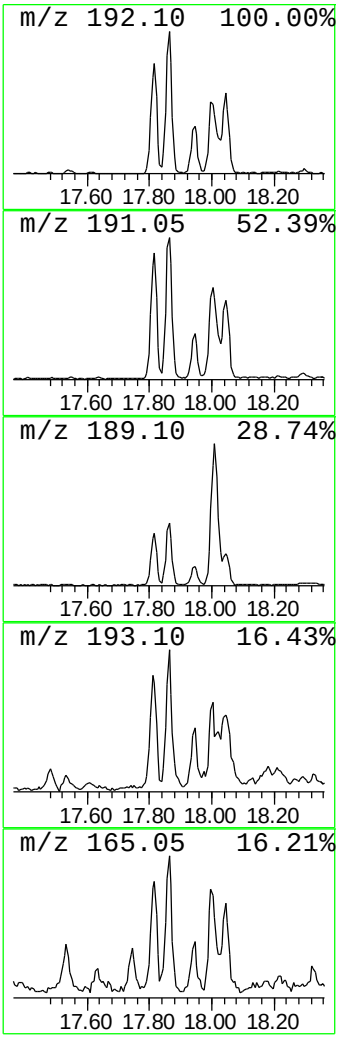
Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	36.34 ng/ul	2600350	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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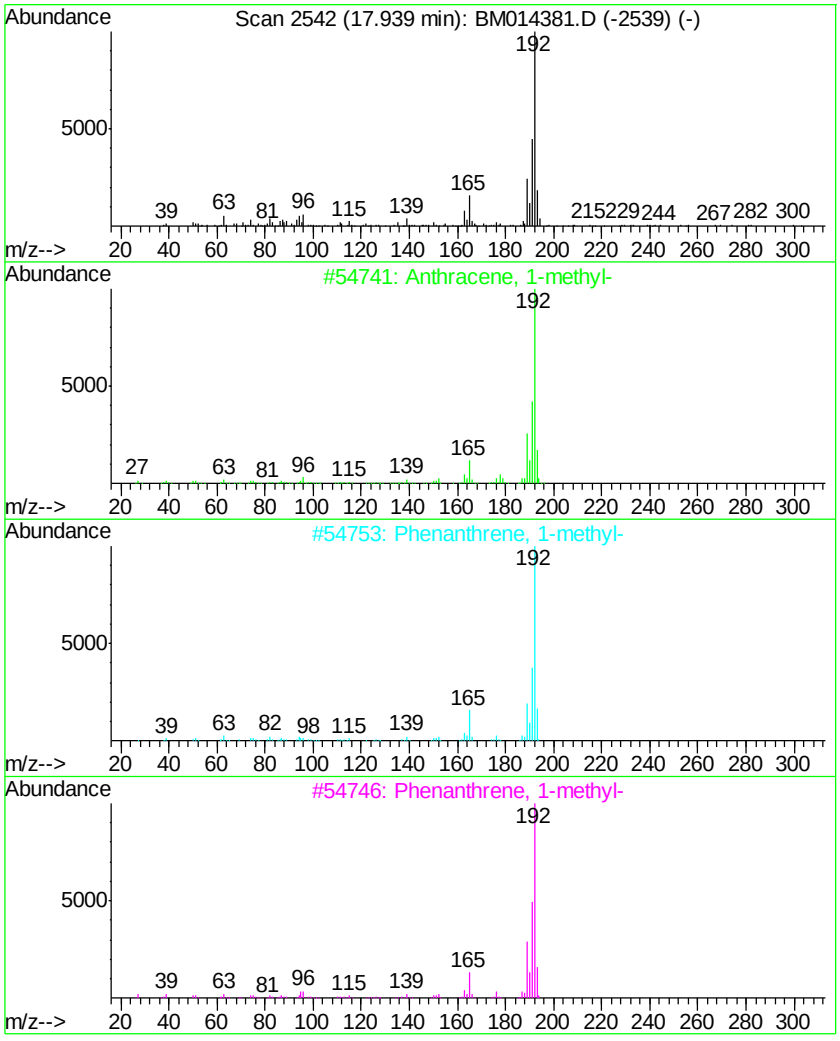
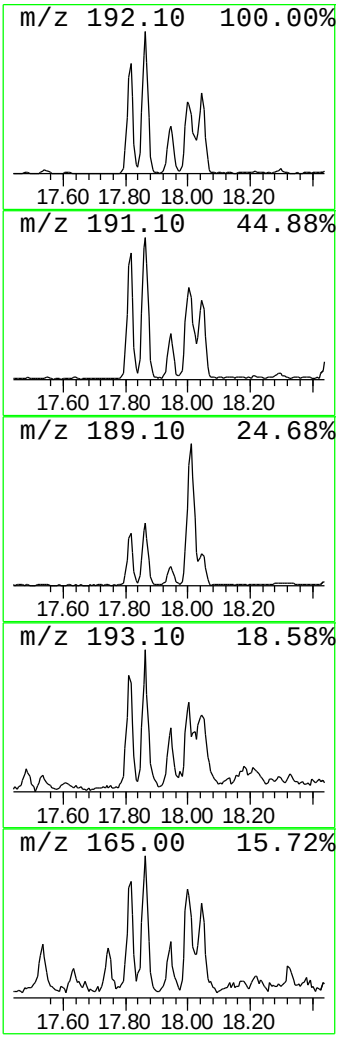
Peak Number 20 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.73 ng/ul	409827	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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ALS Vial : 5 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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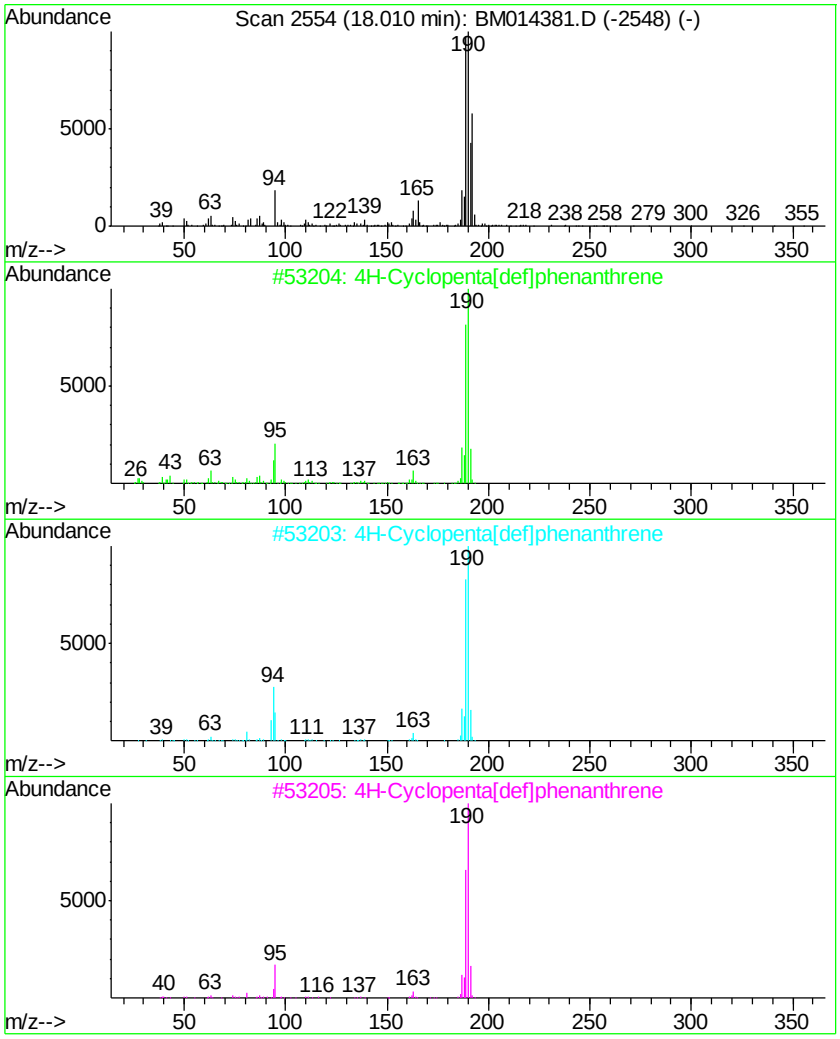
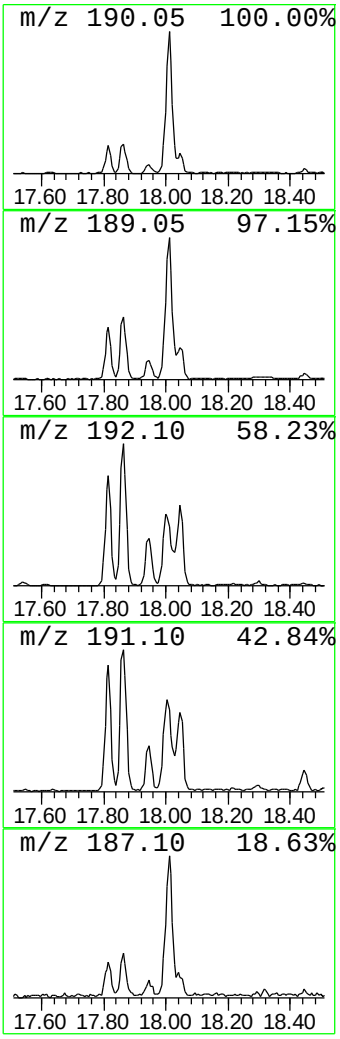
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	22.17 ng/ul	1586160	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Operator : SJ/JU
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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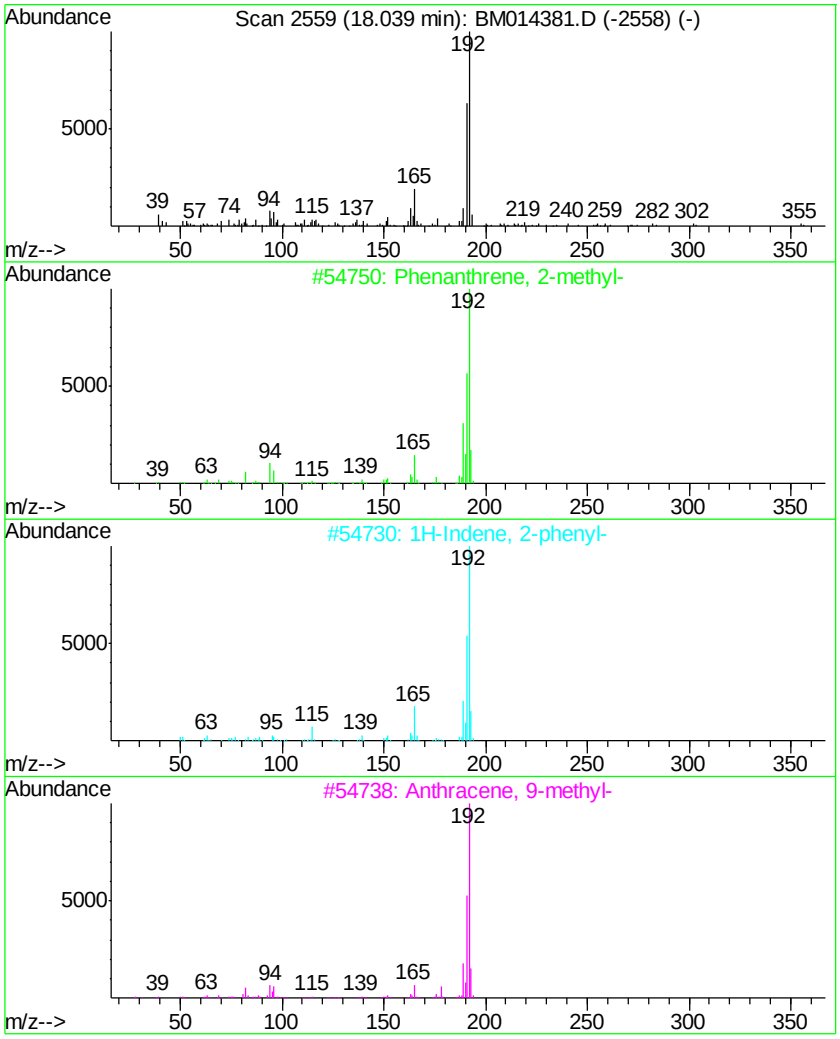
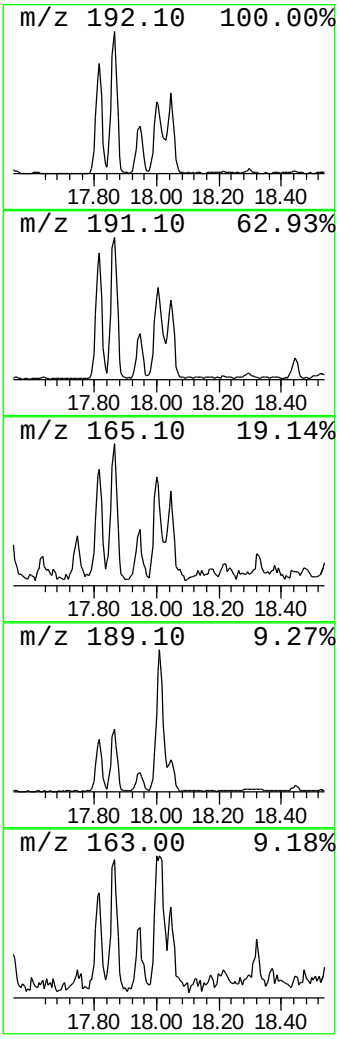
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.20 ng/ul	586991	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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Misc :
ALS Vial : 5 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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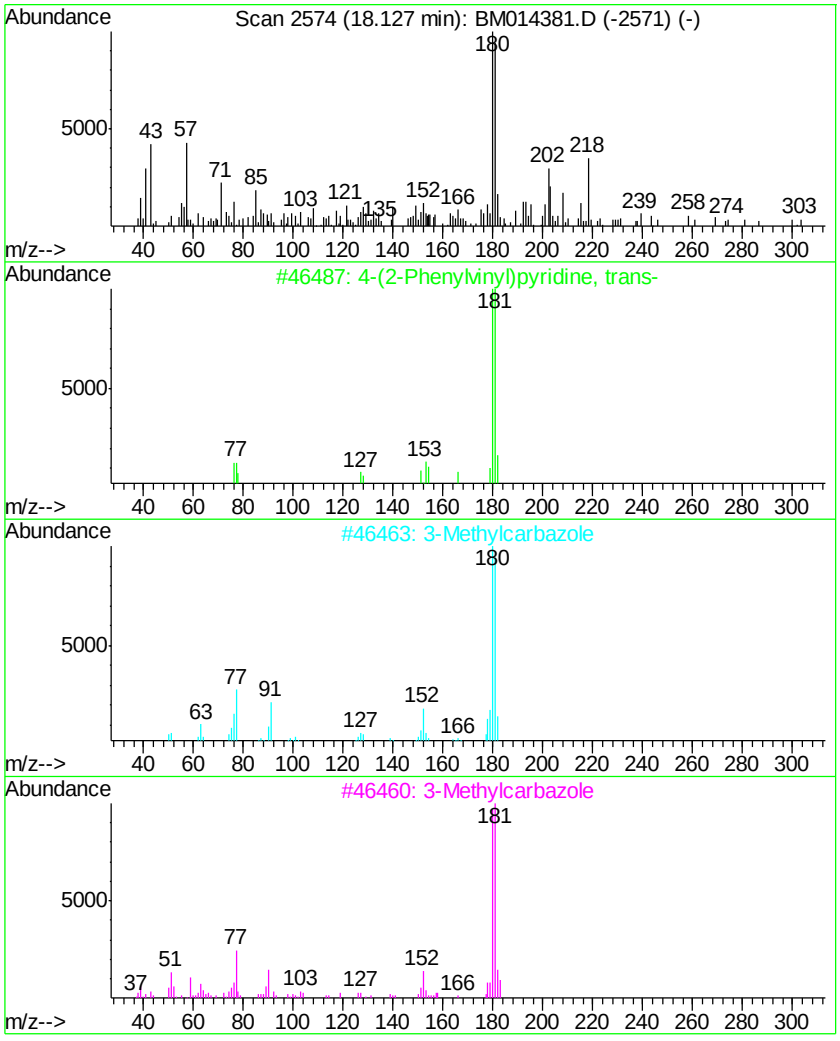
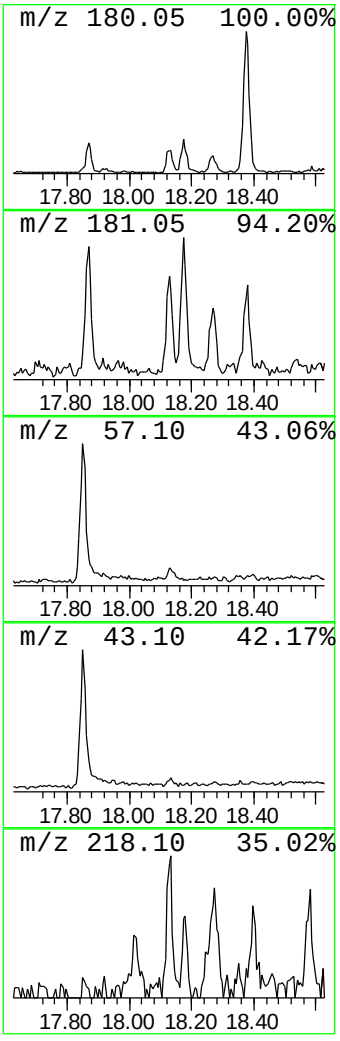
Peak Number 23 4-(2-Phenylvinyl)pyridine, ... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.16 ng/ul	154726	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	60
2	3-Methylcarbazole	181	C13H11N	004630-20-0	45
3	3-Methylcarbazole	181	C13H11N	004630-20-0	45
4	Acridine, 9,10-dihydro-	181	C13H11N	000092-81-9	43
5	Pyridine, 4-(2-phenylethenyl)-	181	C13H11N	000103-31-1	43





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Quant Title : SVOA CALIBRATION

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

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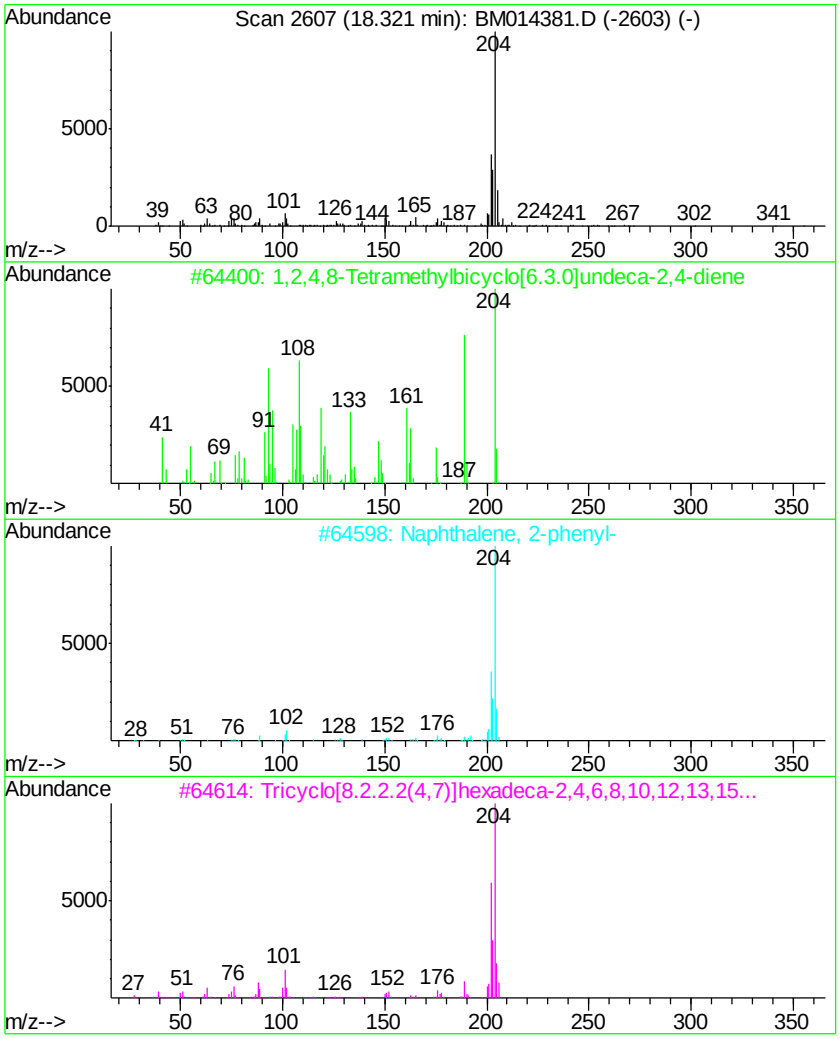
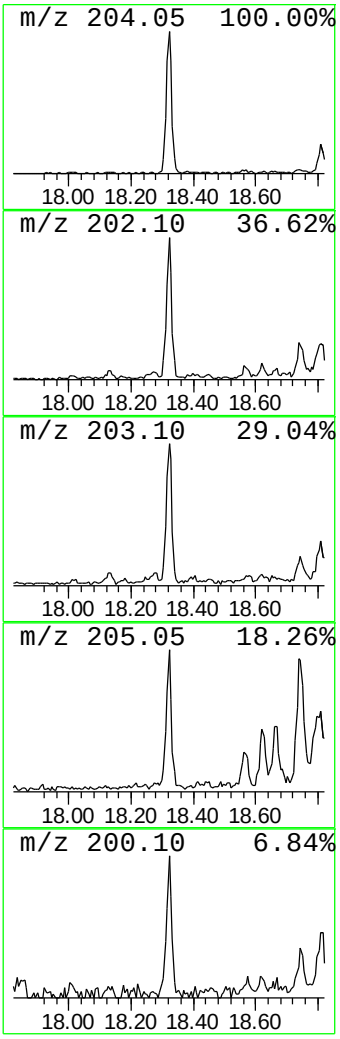
Peak Number 24 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.10 ng/ul	579842	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





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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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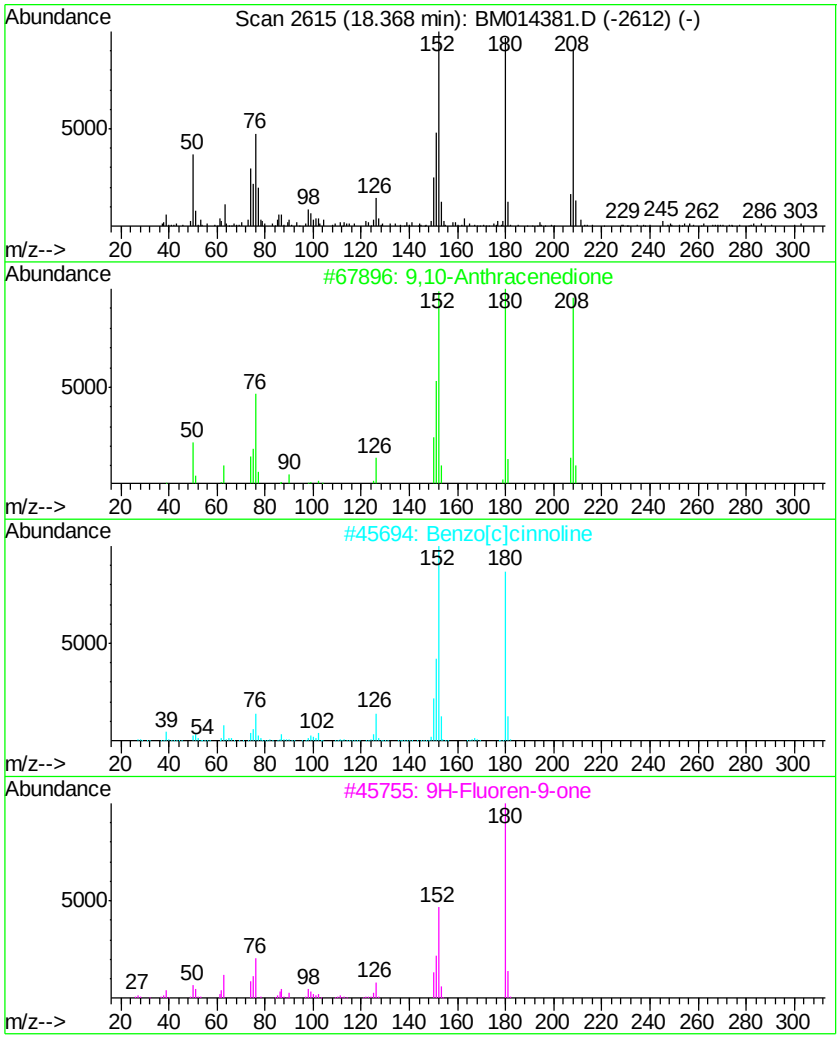
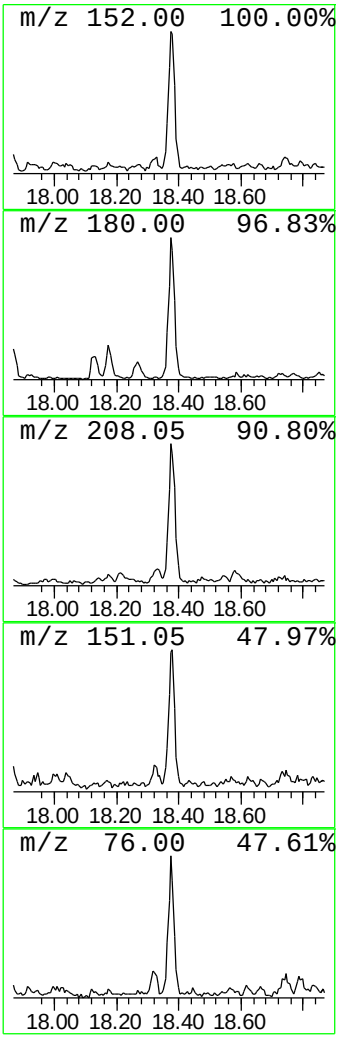
Peak Number 25 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	10.80 ng/ul	772558	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81





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ALS Vial : 5 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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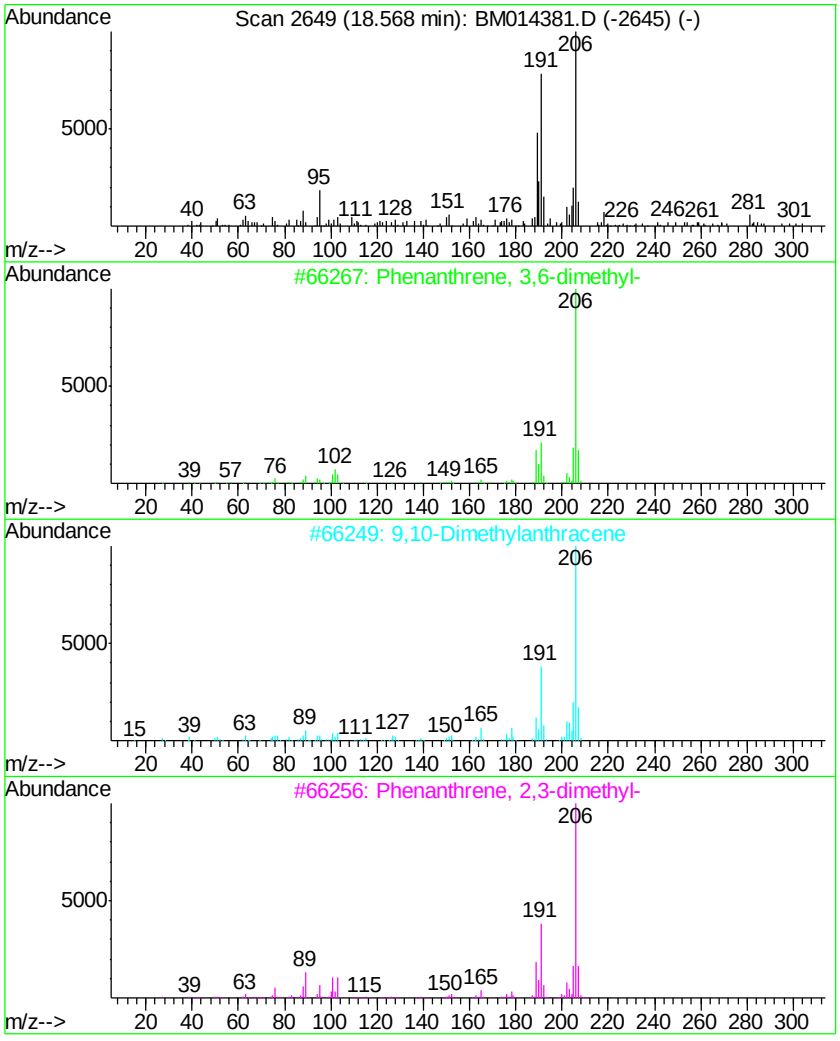
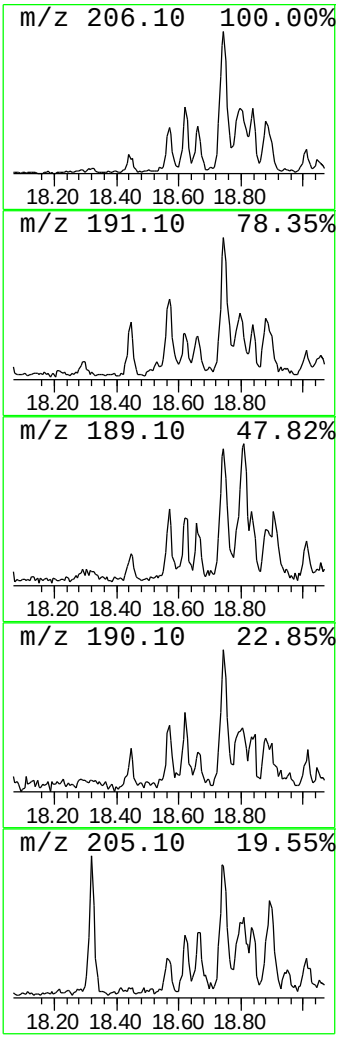
Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	2.85 ng/ul	203809	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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Quant Title : SVOA CALIBRATION

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

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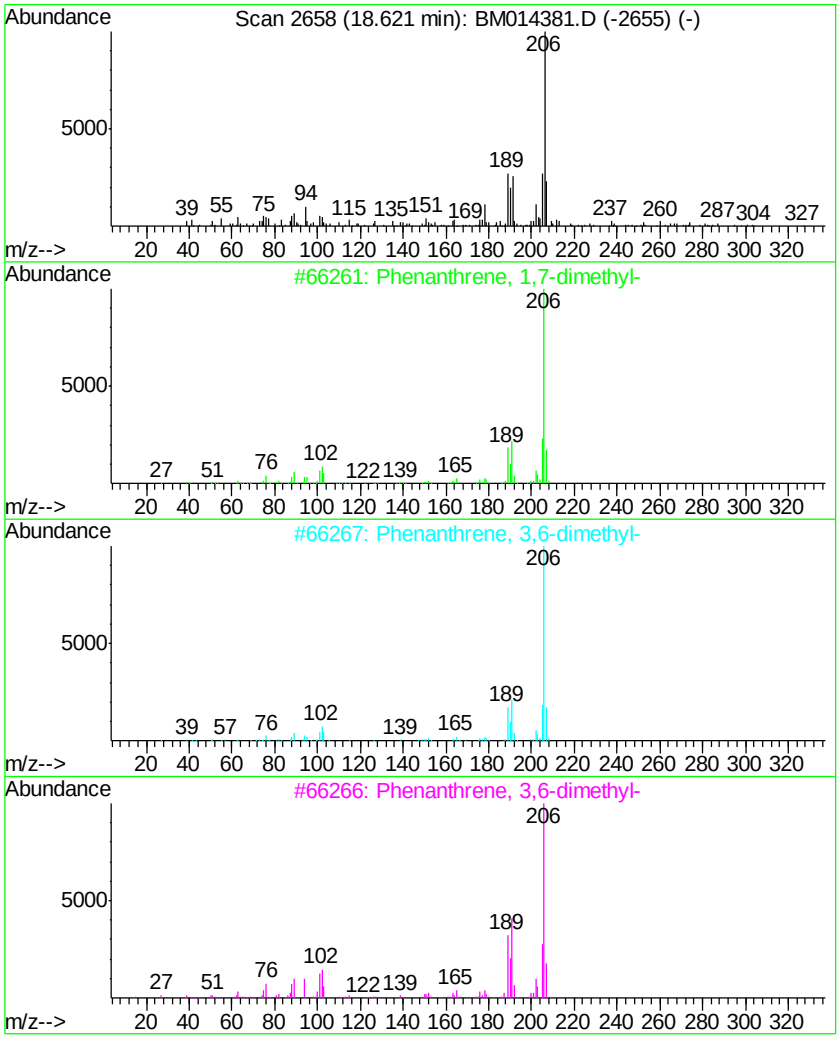
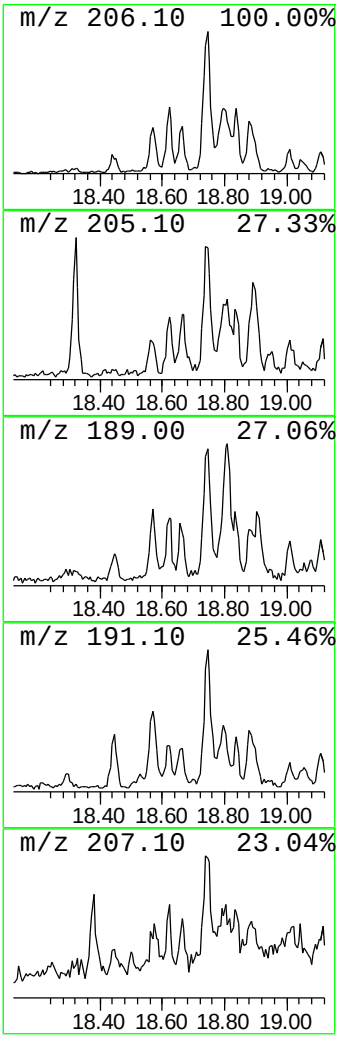
Peak Number 27 Phenanthrene, 1,7-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.53 ng/ul	181272	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	78
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	76





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Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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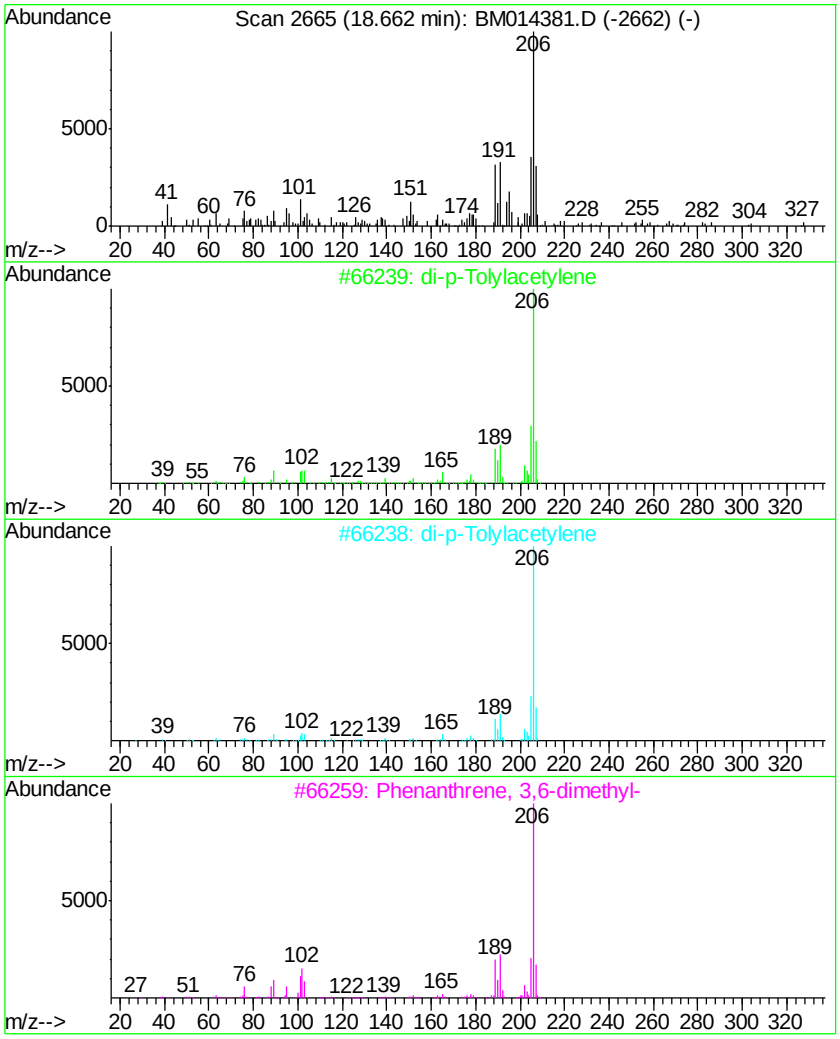
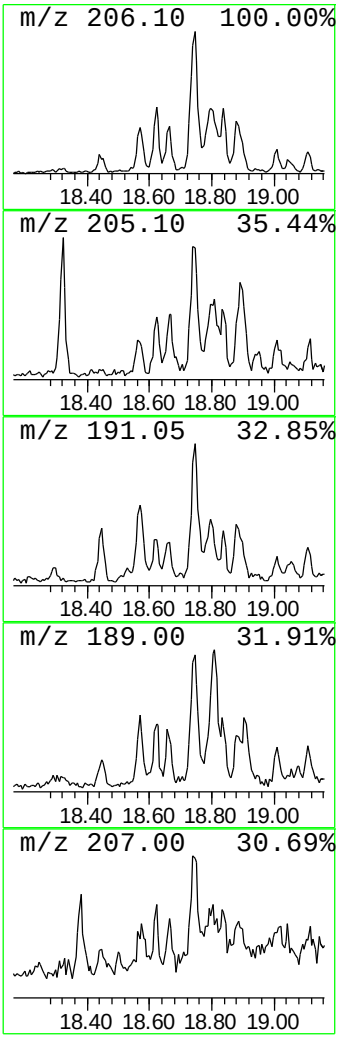
Peak Number 28 di-p-Tolylacetylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	2.63 ng/ul	188322	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	74
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	62
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	62





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Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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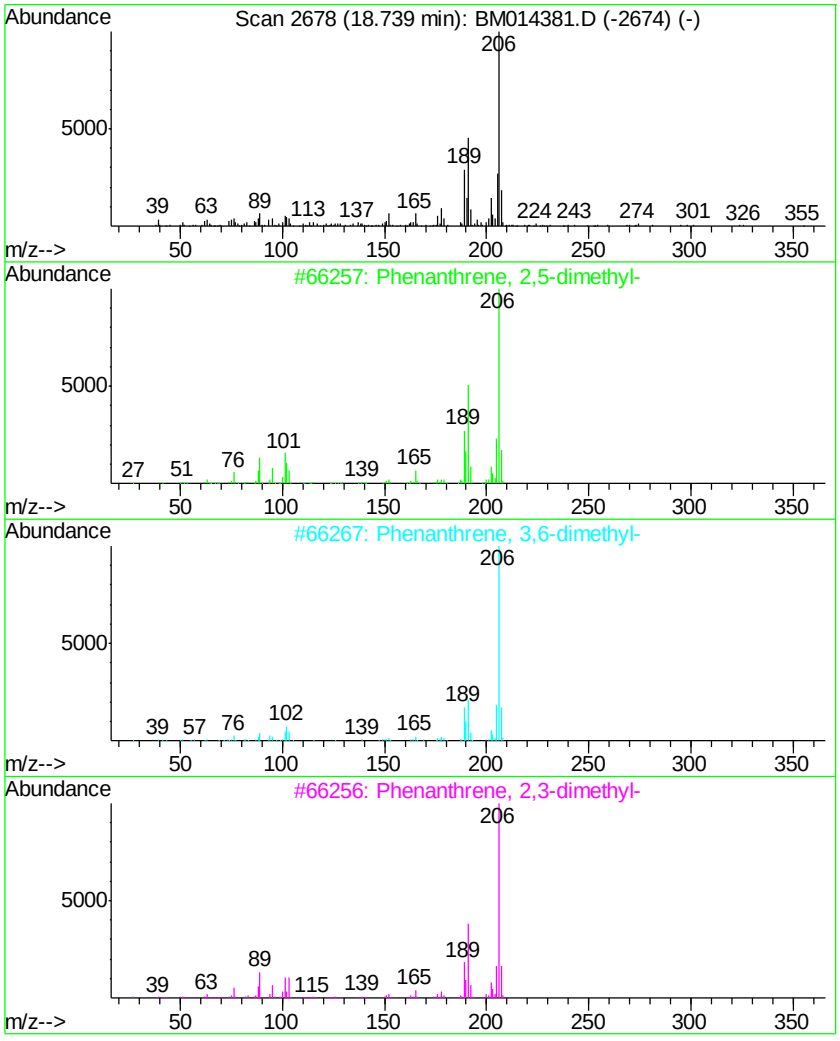
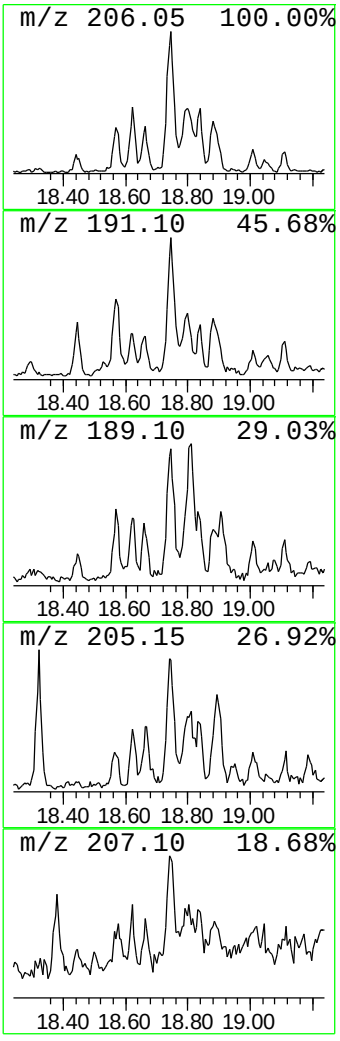
Peak Number 29 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	9.31 ng/ul	665841	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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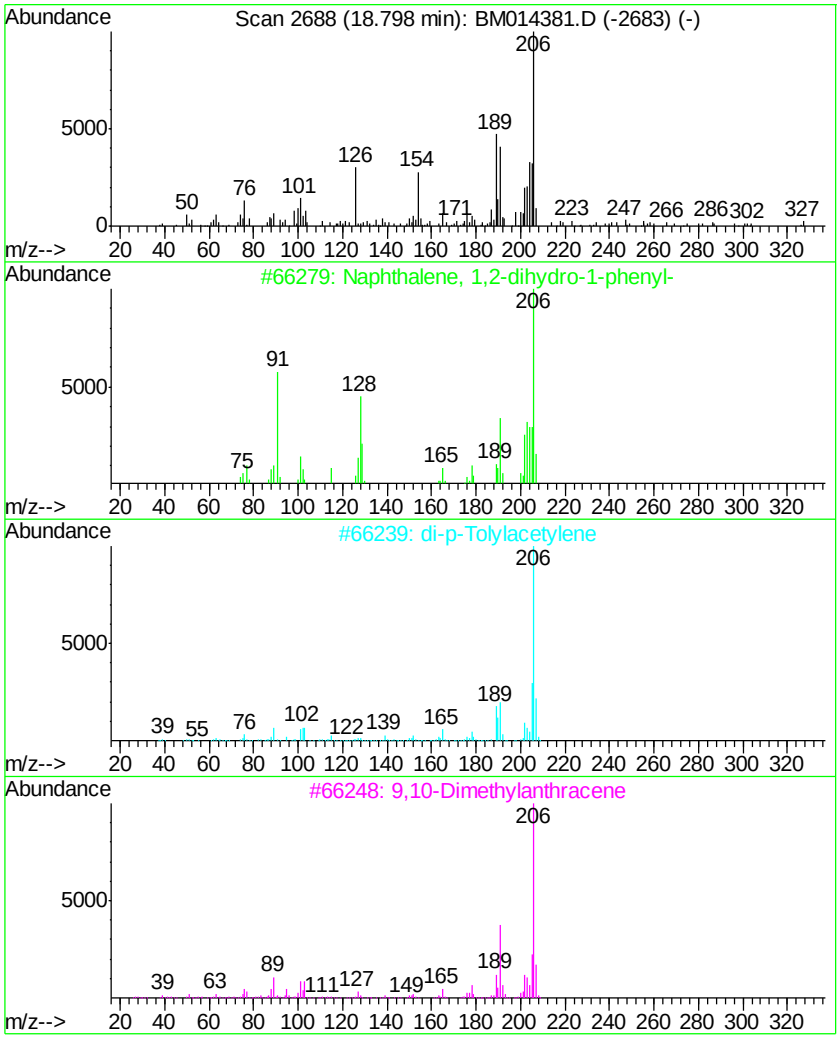
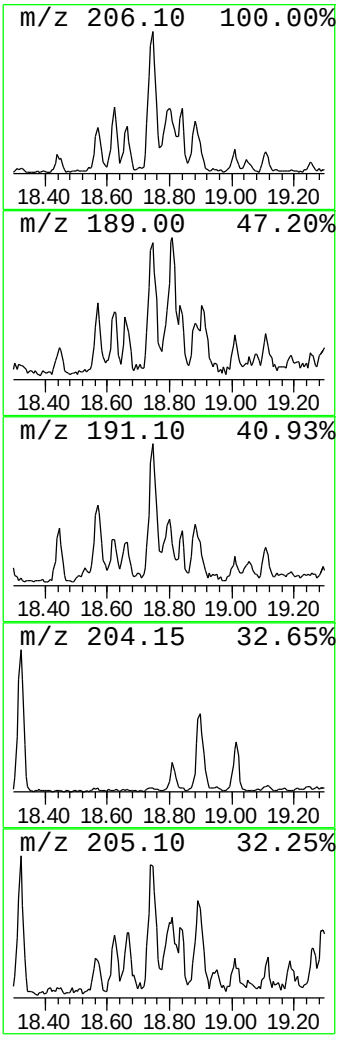
Peak Number 30 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	7.30 ng/ul	522577	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
4	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	35
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	35





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Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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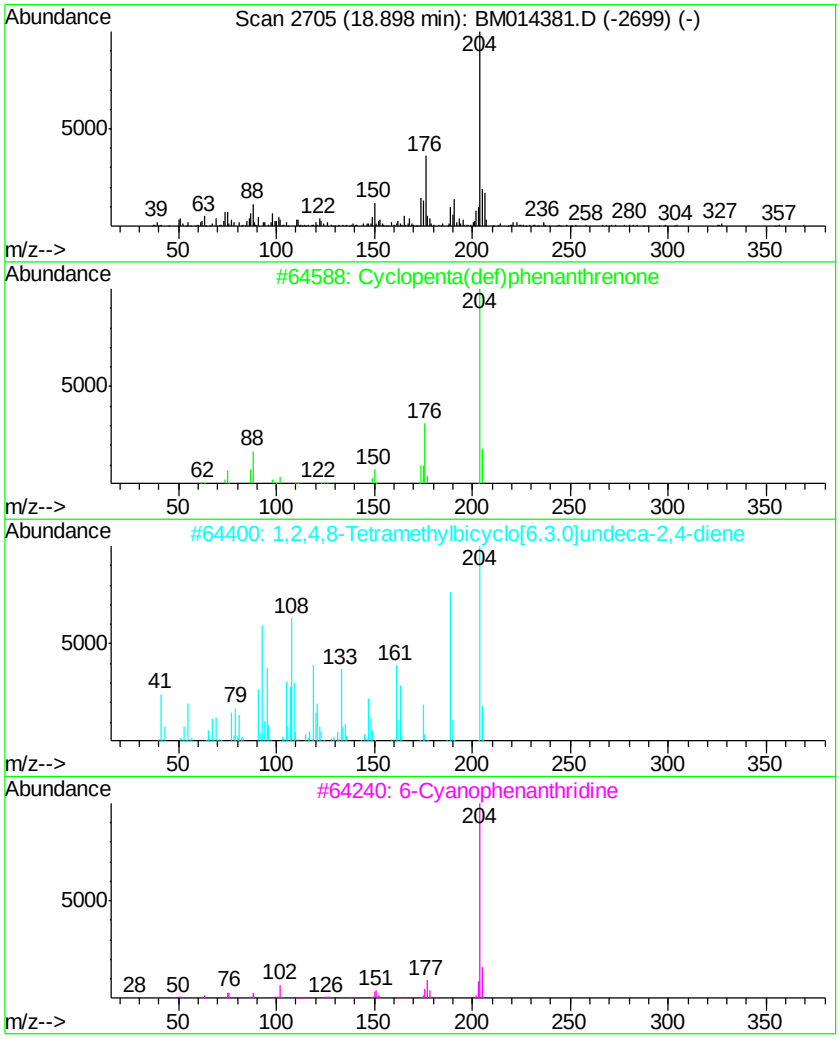
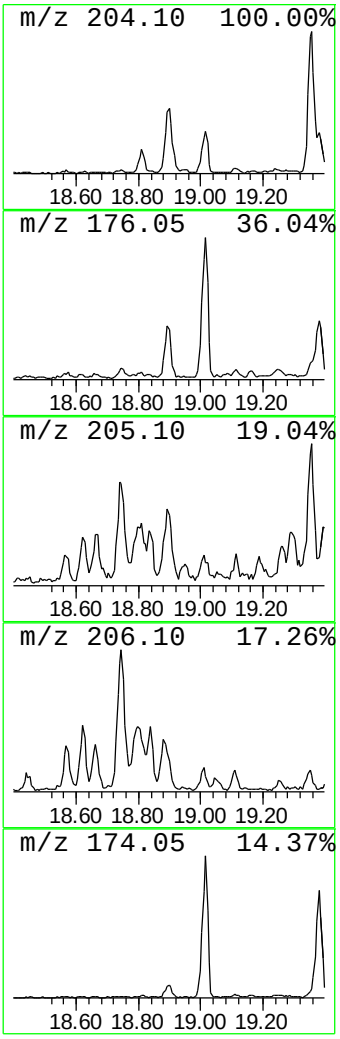
Peak Number 31 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	10.19 ng/ul	728901	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50





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Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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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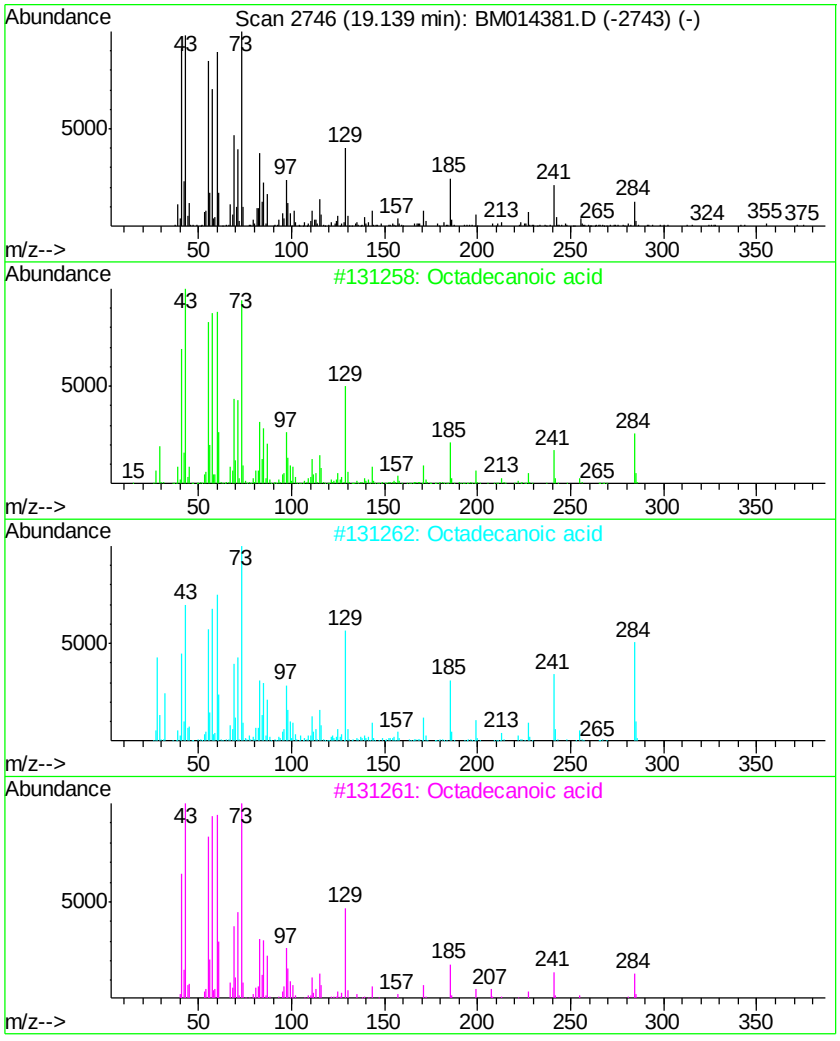
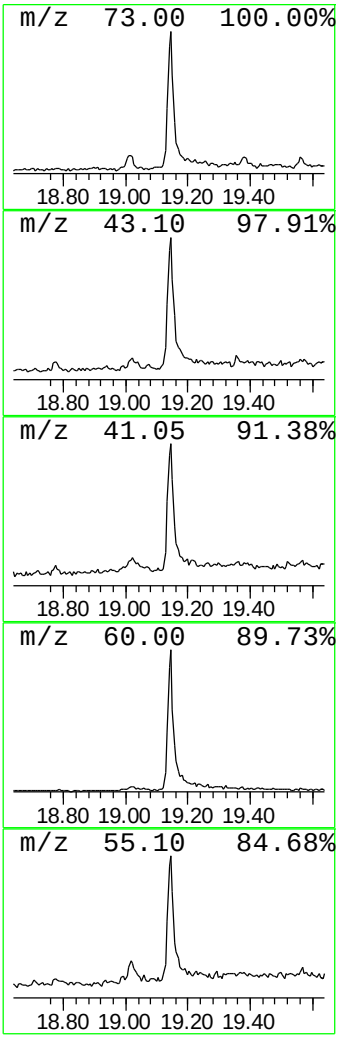
Peak Number 32 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.22 ng/ul	1670100	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022718\
Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

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	3.0	ng/ul	116277	1	7.52	766378	20.0
(DEL) Alkane: Cyc...	8.58	3.4	ng/ul	129158	1	7.52	766378	20.0
trans-Decalin, 2-...	9.46	2.7	ng/ul	138417	2	10.29	1035900	20.0
Naphthalene, 1-me...	12.19	2.7	ng/ul	139859	2	10.29	1035900	20.0
Naphthalene, 2,6-...	13.49	2.8	ng/ul	180418	3	14.17	1274550	20.0
Naphthalene, 2,3,...	14.80	2.2	ng/ul	140775	3	14.17	1274550	20.0
Sulfurous acid, 2...	15.04	2.3	ng/ul	147439	3	14.17	1274550	20.0
Dibenzofuran, 4-m...	15.53	3.6	ng/ul	230270	3	14.17	1274550	20.0
6H-Dibenzo[b,d]-p...	15.68	3.3	ng/ul	233179	4	16.94	1430960	20.0
(DEL) Alkane: Str...	15.91	3.0	ng/ul	211445	4	16.94	1430960	20.0
9H-Fluorene, 1-me...	16.24	3.1	ng/ul	223881	4	16.94	1430960	20.0
9H-Fluoren-9-one	16.60	5.2	ng/ul	375103	4	16.94	1430960	20.0
Naphtho[1,2-b]thi...	16.76	6.8	ng/ul	484545	4	16.94	1430960	20.0
Phenanthridine	17.14	3.1	ng/ul	220619	4	16.94	1430960	20.0
Cyclobuta[1'',2''...	17.46	2.6	ng/ul	187052	4	16.94	1430960	20.0
Thioxanthene	17.52	3.8	ng/ul	272332	4	16.94	1430960	20.0
4-Methylnaphtho[1...	17.66	2.0	ng/ul	145592	4	16.94	1430960	20.0
Phenanthrene, 1-m...	17.82	12.3	ng/ul	877714	4	16.94	1430960	20.0
1H-Cyclopropa[l]p...	17.86	36.3	ng/ul	2600350	4	16.94	1430960	20.0
Anthracene, 1-met...	17.94	5.7	ng/ul	409827	4	16.94	1430960	20.0
4H-Cyclopenta[def...	18.01	22.2	ng/ul	1586160	4	16.94	1430960	20.0
Phenanthrene, 2-m...	18.04	8.2	ng/ul	586991	4	16.94	1430960	20.0
4-(2-Phenylvinyl)...	18.13	2.2	ng/ul	154726	4	16.94	1430960	20.0
1,2,4,8-Tetrameth...	18.32	8.1	ng/ul	579842	4	16.94	1430960	20.0
9,10-Anthracenedione	18.37	10.8	ng/ul	772558	4	16.94	1430960	20.0
Phenanthrene, 3,6...	18.57	2.9	ng/ul	203809	4	16.94	1430960	20.0
Phenanthrene, 1,7...	18.62	2.5	ng/ul	181272	4	16.94	1430960	20.0
di-p-Tolylacetylene	18.66	2.6	ng/ul	188322	4	16.94	1430960	20.0
Phenanthrene, 2,5...	18.74	9.3	ng/ul	665841	4	16.94	1430960	20.0
unknown-02	18.80	7.3	ng/ul	522577	4	16.94	1430960	20.0
Cyclopenta(def)ph...	18.90	10.2	ng/ul	728901	4	16.94	1430960	20.0
Octadecanoic acid	19.14	3.2	ng/ul	1670100	5	21.16	10358300	20.0