LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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	5.681	450	458	471	rBV2	472544	909139	3.96%	0.239%
2	6.840	647	655	664	rVV2	1262142	2492535	10.86%	0.654%
3	7.004	676	683	691	rBV	1081282	1722334	7.50%	0.452%
4	7.204	709	717	728	rVB	1361506	2171859	9.46%	0.570%
5	7.334	732	739	748	rBV4	359093	787874	3.43%	0.207%
6	7.669	789	796	805	rBV	1757557	2767893	12.06%	0.726%
7	8.375	909	916	922	rVV	1492456	2387899	10.40%	0.627%
8	8.816	978	991	999	rBV	1216188	2180399	9.50%	0.572%
9	9.533	1107	1113	1121	rVB	966097	1563020	6.81%	0.410%
10	10.075	1200	1205	1213	rVV	1466212	2504846	10.91%	0.657%
11	10.451	1261	1269	1274	rVV	2237105	3905813	17.02%	1.025%
12	10.498	1274	1277	1284	rVV	712219	1129065	4.92%	0.296%
13	10.586	1286	1292	1299	rVV	307173	633623	2.76%	0.166%
14	11.974	1522	1528	1537	rVV2	328575	930904	4.06%	0.244%
15	12.122	1546	1553	1563	rVB	501973	925973	4.03%	0.243%
16	12.339	1585	1590	1598	rVB	451490	666369	2.90%	0.175%
17	13.639	1805	1811	1815	rBV	396479	652809	2.84%	0.171%
18	13.727	1822	1826	1830	rVV	2347424	3546040	15.45%	0.931%
19	13.768	1830	1833	1839	rVV3	1618940	2667650	11.62%	0.700%
20	13.868	1847	1850	1860	rVB	450050	862481	3.76%	0.226%
21	14.004	1867	1873	1875	rBV	2831614	4420980	19.26%	1.160%
22	14.033	1875	1878	1885	rVB	2731054	3930991	17.13%	1.032%
23	14.157	1896	1899	1909	rVB	670204	1360336	5.93%	0.357%
24	14.316	1919	1926	1931	rBV	2899657	4652644	20.27%	1.221%
25	14.368	1931	1935	1941	rVV2	932263	1473026	6.42%	0.387%
26	14.504	1954	1958	1970	rBV2	495333	955456	4.16%	0.251%
27	14.715	1990	1994	2004	rVB5	288755	723943	3.15%	0.190%
28	14.868	2013	2020	2024	rBV3	316770	629148	2.74%	0.165%
29	14.921	2024	2029	2035	rBV2	662170	1462535	6.37%	0.384%
30	15.186	2070	2074	2080	rBV	706736	1067655	4.65%	0.280%
31	15.310	2090	2095	2100	rVB	3826561	5317248	23.17%	1.395%
32	15.580	2135	2141	2144	rBV4	320264	682854	2.98%	0.179%
33	15.698	2158	2161	2167	rVB4	424407	720517	3.14%	0.189%
34	15.810	2177	2180	2185	rVV4	367371	660610	2.88%	0.173%

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Misc :
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Instrument : BNA_M
ClientSampleId : BFB76

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	16.039	2214	2219	2222	rVV4	499544	973946	4.24%	0.256%
36	16.074	2222	2225	2235	rVB2	933349	2013103	8.77%	0.528%
37	16.162	2235	2240	2246	rBV	1012255	1716596	7.48%	0.450%
38	16.227	2246	2251	2256	rVV2	1258802	2208193	9.62%	0.579%
39	16.286	2256	2261	2265	rVV2	1005395	1498349	6.53%	0.393%
40	16.327	2265	2268	2271	rVV	657752	889848	3.88%	0.234%
41	16.374	2271	2276	2280	rVV4	1210721	2151367	9.37%	0.565%
42	16.421	2280	2284	2290	rVB3	1294984	2094290	9.13%	0.550%
43	16.480	2290	2294	2302	rBV5	1018659	2030851	8.85%	0.533%
44	16.551	2302	2306	2309	rVV	768437	872585	3.80%	0.229%
45	16.633	2315	2320	2324	rVB3	699034	1336424	5.82%	0.351%
46	16.915	2365	2368	2373	rVB2	494715	723997	3.15%	0.190%
47	17.057	2388	2392	2396	rVV2	3223917	4528827	19.73%	1.188%
48	17.098	2396	2399	2404	rVV	4411612	5813590	25.33%	1.526%
49	17.157	2404	2409	2412	rVV	3379196	4942145	21.53%	1.297%
50	17.192	2412	2415	2420	rVB	2195778	2811049	12.25%	0.738%
51	17.539	2467	2474	2479	rBV5	403077	1139132	4.96%	0.299%
52	17.639	2488	2491	2495	rVB	528815	677297	2.95%	0.178%
53	17.933	2537	2541	2545	rBV	1504563	2127621	9.27%	0.558%
54	17.986	2545	2550	2557	rVV	3747895	5459128	23.79%	1.433%
55	18.062	2558	2563	2567	rVV2	1223812	2017945	8.79%	0.530%
56	18.127	2568	2574	2578	rVV2	2830814	5516020	24.04%	1.447%
57	18.168	2578	2581	2589	rVB	1415206	2039366	8.89%	0.535%
58	18.415	2619	2623	2624	rBV2	471965	655972	2.86%	0.172%
59	18.439	2624	2627	2630	rVB2	983903	1245899	5.43%	0.327%
60	18.698	2667	2671	2675	rVB3	1240087	1682833	7.33%	0.442%
61	18.862	2694	2699	2703	rBV2	2667933	4042470	17.61%	1.061%
62	18.921	2705	2709	2712	rBV3	1006136	1584750	6.91%	0.416%
63	18.998	2718	2722	2729	rBV4	1236284	2642977	11.52%	0.694%
64	19.121	2738	2743	2748	rBV	8883109	12382840	53.96%	3.249%
65	19.198	2751	2756	2759	rVV	5094252	6409435	27.93%	1.682%
66	19.274	2765	2769	2774	rBV	3011119	3823114	16.66%	1.003%
67	19.392	2785	2789	2795	rVB	1893163	3046004	13.27%	0.799%
68	19.456	2795	2800	2802	rBV	4706075	6910580	30.11%	1.813%
69	19.486	2802	2805	2814	rVB	11370078	15992671	69.69%	4.197%
70	19.662	2832	2835	2838	rBV2	800251	992113	4.32%	0.260%
71	19.815	2857	2861	2867	rBV2	1989450	4065638	17.72%	1.067%

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Instrument : BNA_M
ClientSampleId : BFB76

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	19.956	2881	2885	2887	rBV3	1518801	2515952	10.96%	0.660%
73	19.986	2887	2890	2895	rVB2	3205997	4319446	18.82%	1.133%
74	20.086	2904	2907	2911	rBV2	1866001	2250278	9.81%	0.591%
75	20.145	2913	2917	2921	rVB	2350802	2731358	11.90%	0.717%
76	20.245	2929	2934	2937	rBV2	2643843	3814414	16.62%	1.001%
77	20.286	2937	2941	2945	rVV	2601520	3713671	16.18%	0.975%
78	20.327	2945	2948	2953	rVB	2188602	2799627	12.20%	0.735%
79	20.944	3049	3053	3055	rBV2	1878613	2571275	11.20%	0.675%
80	20.974	3055	3058	3060	rVV	5622554	6491353	28.29%	1.703%
81	20.997	3060	3062	3067	rVV4	4931199	7043597	30.69%	1.848%
82	21.050	3068	3071	3075	rVB	3294644	3926111	17.11%	1.030%
83	21.203	3093	3097	3100	rBV	5192564	5702544	24.85%	1.496%
84	21.244	3100	3104	3109	rVV3	12499510	22949647	100.00%	6.022%
85	21.292	3109	3112	3119	rVB	9049271	12378444	53.94%	3.248%
86	21.450	3134	3139	3143	rVV4	2438275	4745142	20.68%	1.245%
87	21.491	3143	3146	3151	rVB4	2249646	2750329	11.98%	0.722%
88	21.809	3197	3200	3205	rVB	3389637	4130950	18.00%	1.084%
89	21.856	3206	3208	3211	rVV	1654893	1675016	7.30%	0.440%
90	21.891	3211	3214	3222	rVB4	3804630	7090511	30.90%	1.861%
91	22.003	3229	3233	3235	rBV	2005255	2556852	11.14%	0.671%
92	22.821	3366	3372	3376	rBV	7932277	17611504	76.74%	4.622%
93	22.986	3396	3400	3407	rVB	2944925	4706492	20.51%	1.235%
94	23.291	3446	3452	3456	rBV	5971945	10656420	46.43%	2.796%
95	23.338	3457	3460	3463	rVV	2571452	4024602	17.54%	1.056%
96	23.386	3463	3468	3473	rVB	8911927	15250427	66.45%	4.002%
97	23.480	3480	3484	3488	rVB	2397243	3638915	15.86%	0.955%
98	24.832	3709	3714	3722	rVB4	2237291	4853530	21.15%	1.274%
99	25.715	3856	3864	3879	rVB	5319048	18252502	79.53%	4.790%
100	26.391	3971	3979	3989	rVB	4037476	11400914	49.68%	2.992%

Sum of corrected areas: 381077256

LSC Report - Integrated Chromatogram

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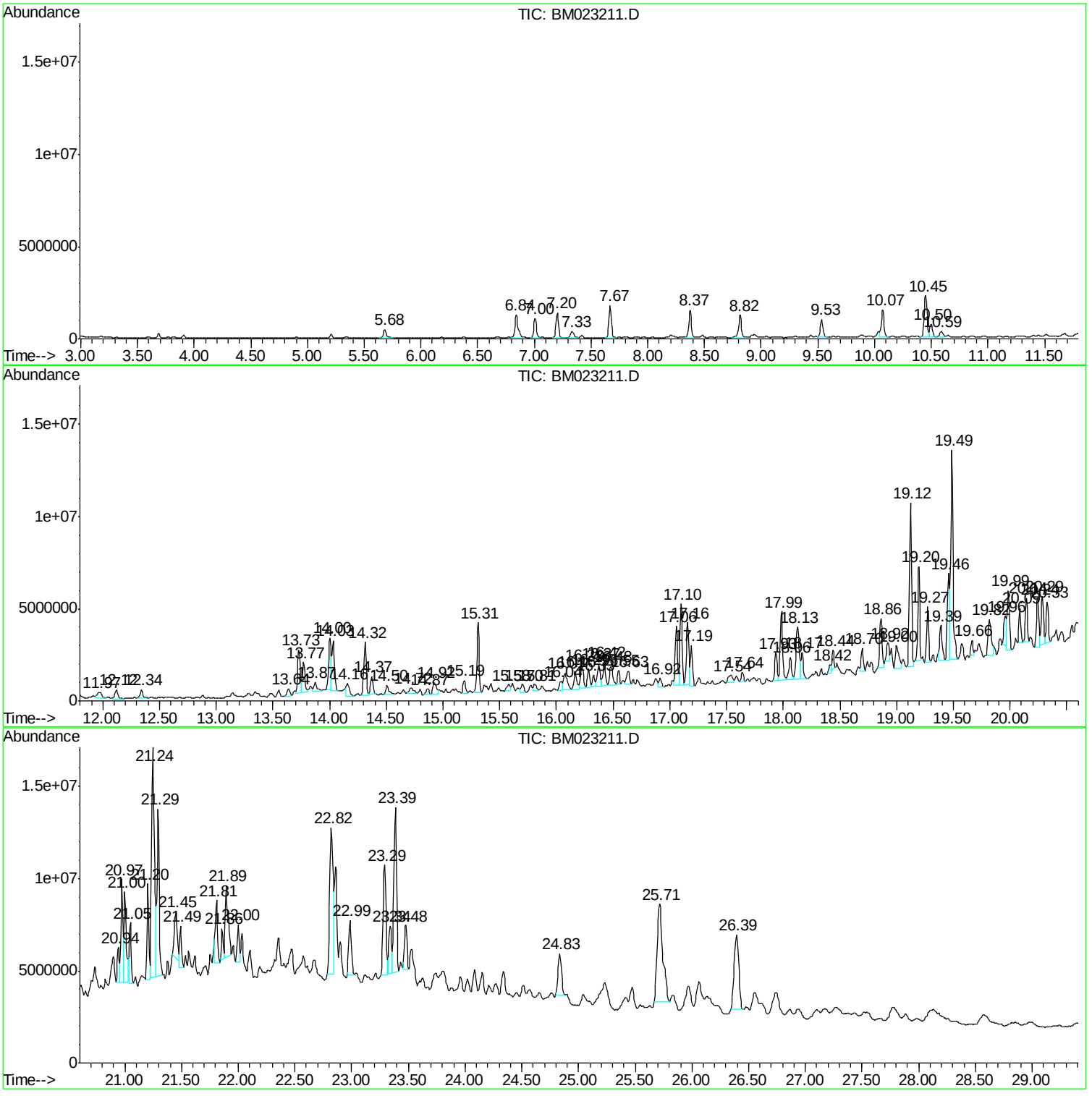
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

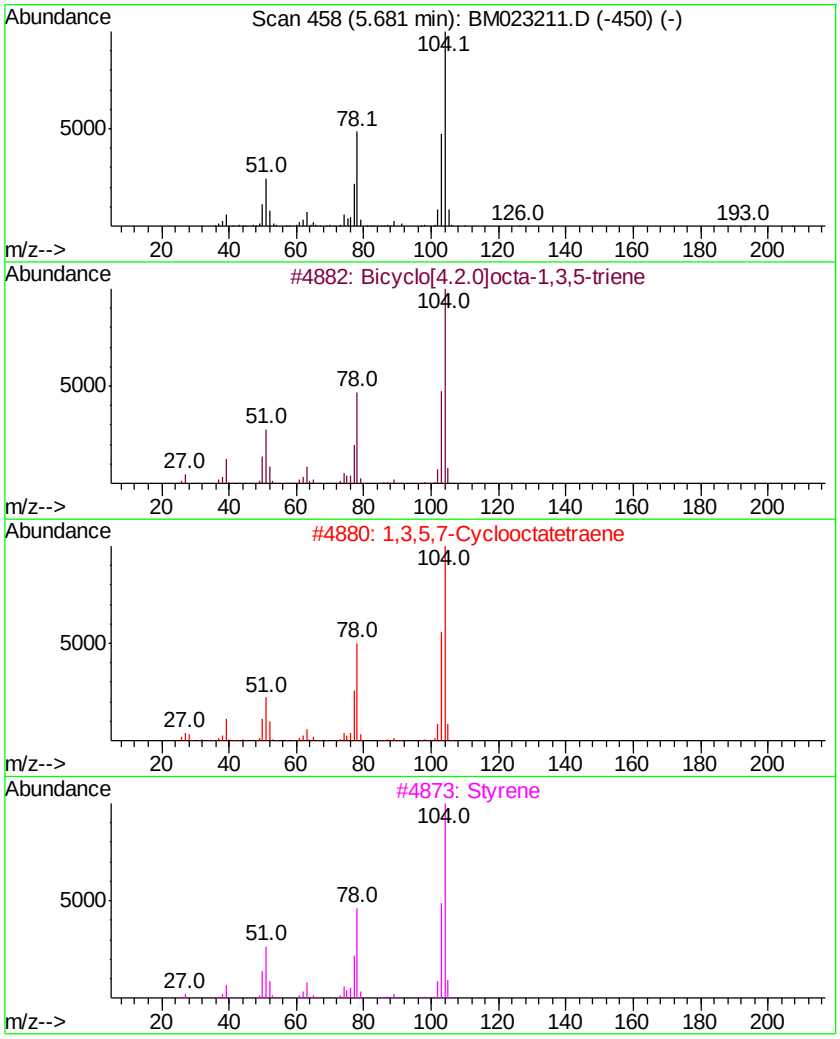
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

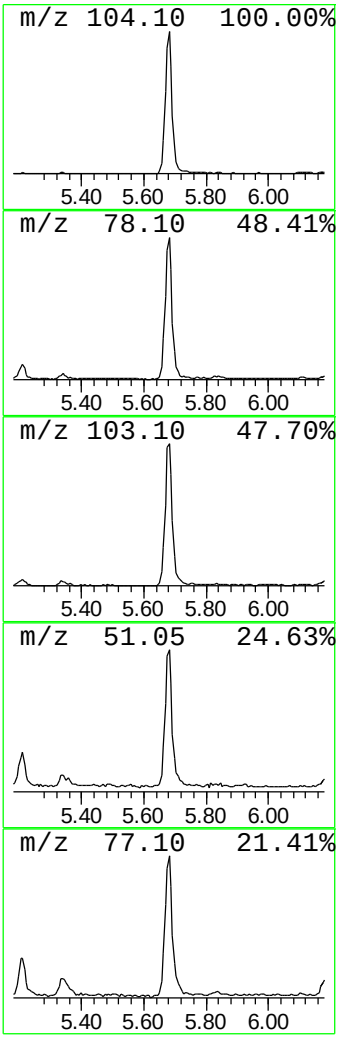
****

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	6.57 ng/ul	909139	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
3	Styrene	104	C8H8	000100-42-5	96
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95





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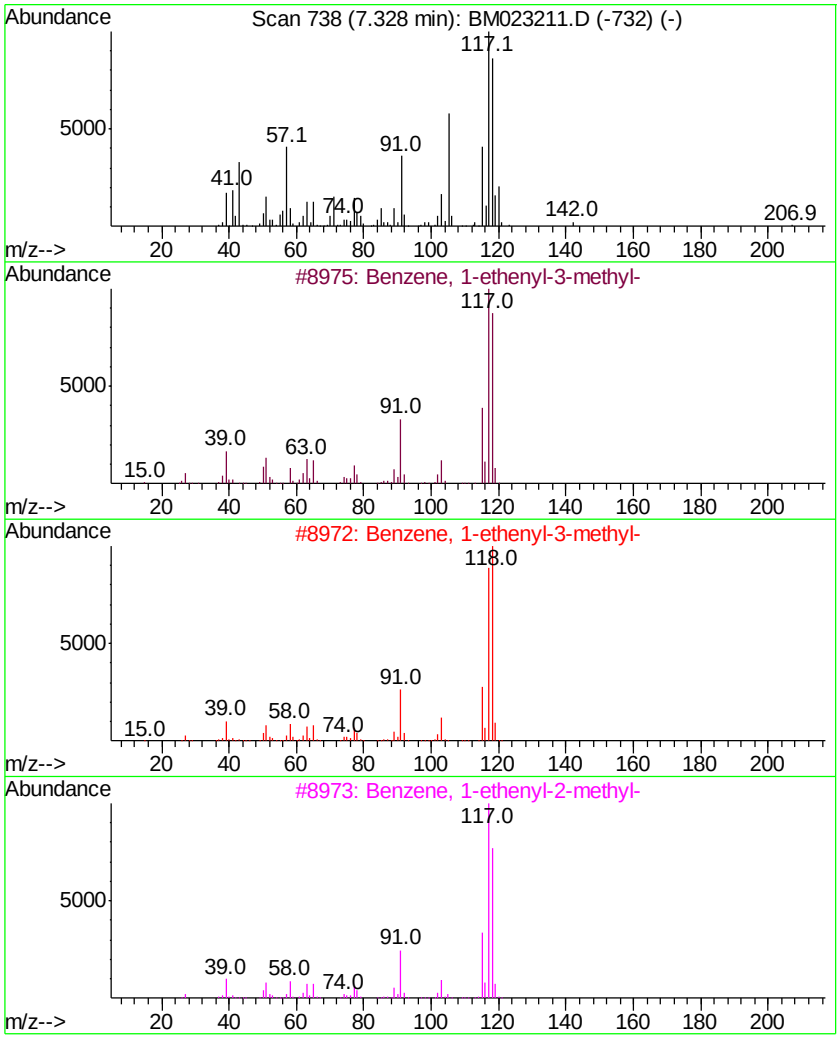
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

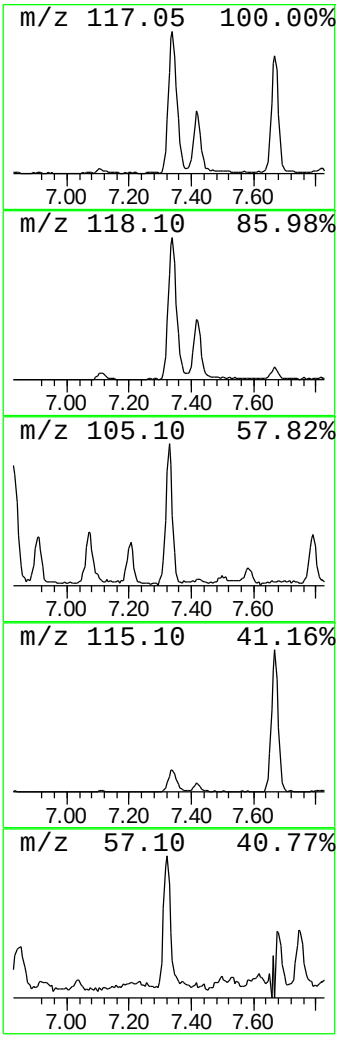
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	5.69 ng/ul	787874	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	90
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89





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ClientSampleId : BFB76

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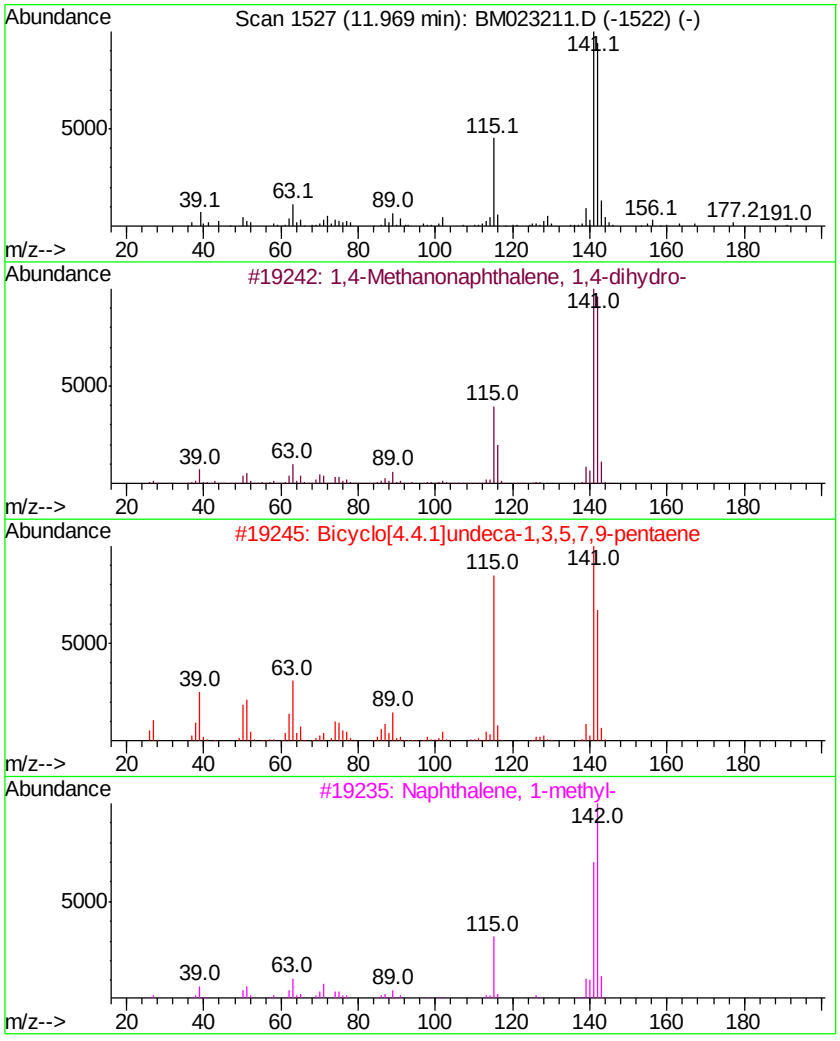
Quant Title : SVOA CALIBRATION

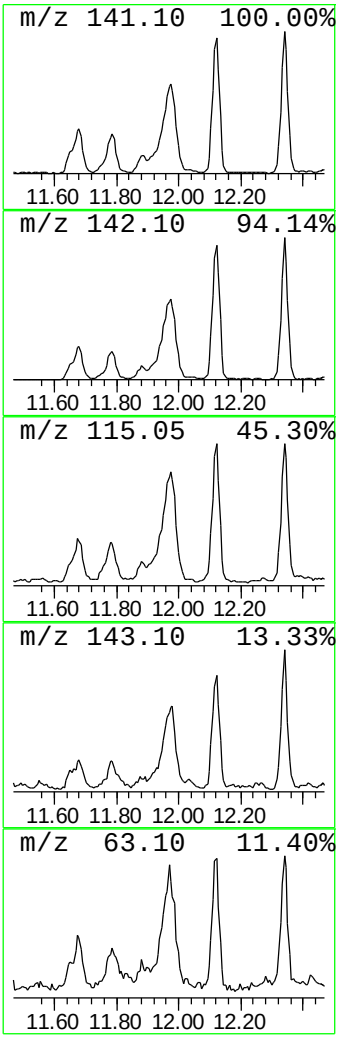
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,4-Methanonaphthalene, 1,4... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.77 ng/ul	930904	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
2	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





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Quant Title : SVOA CALIBRATION

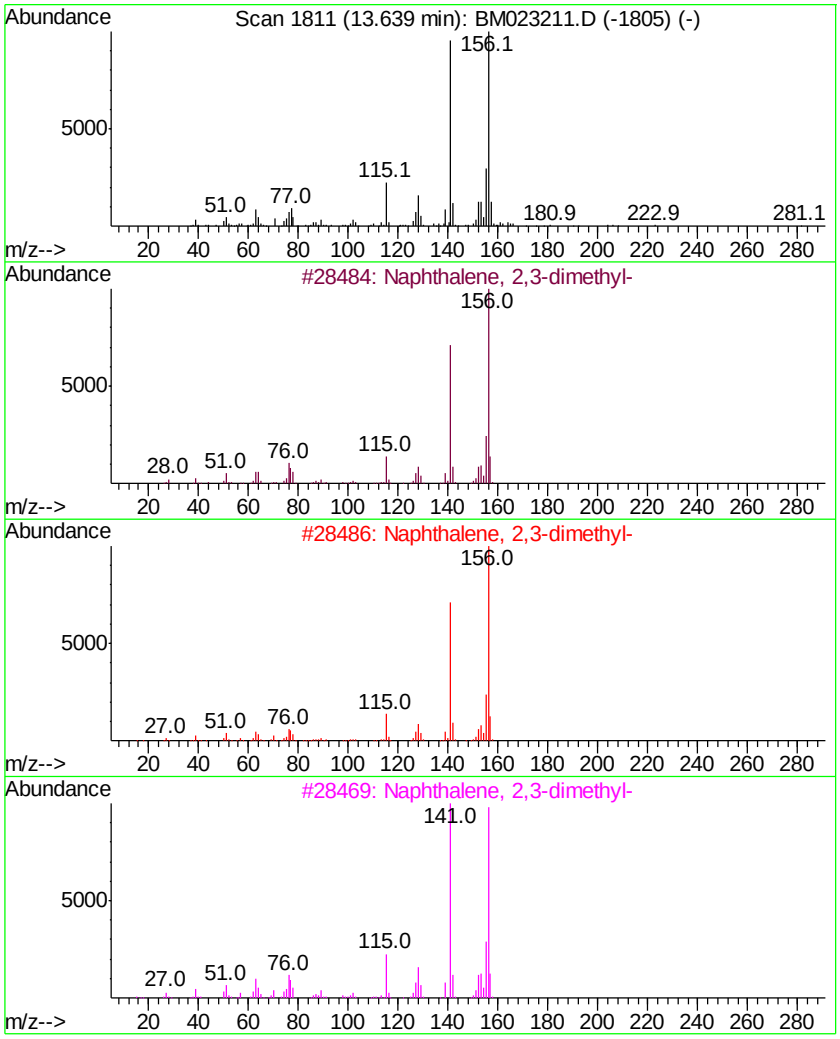
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

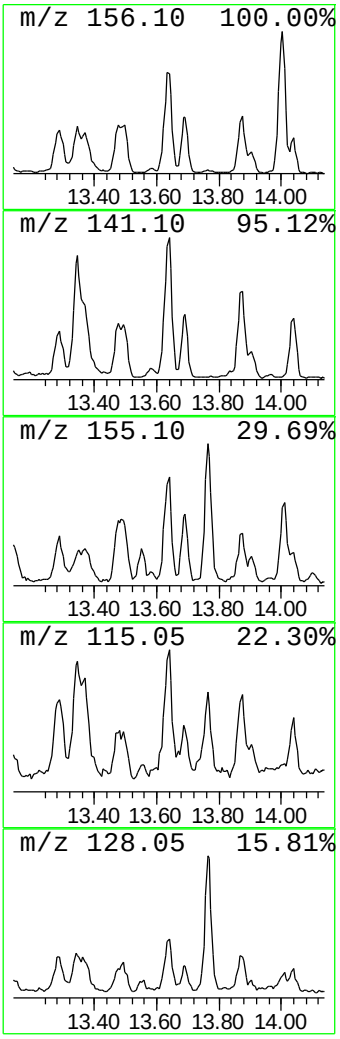
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.81 ng/ul	652809	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

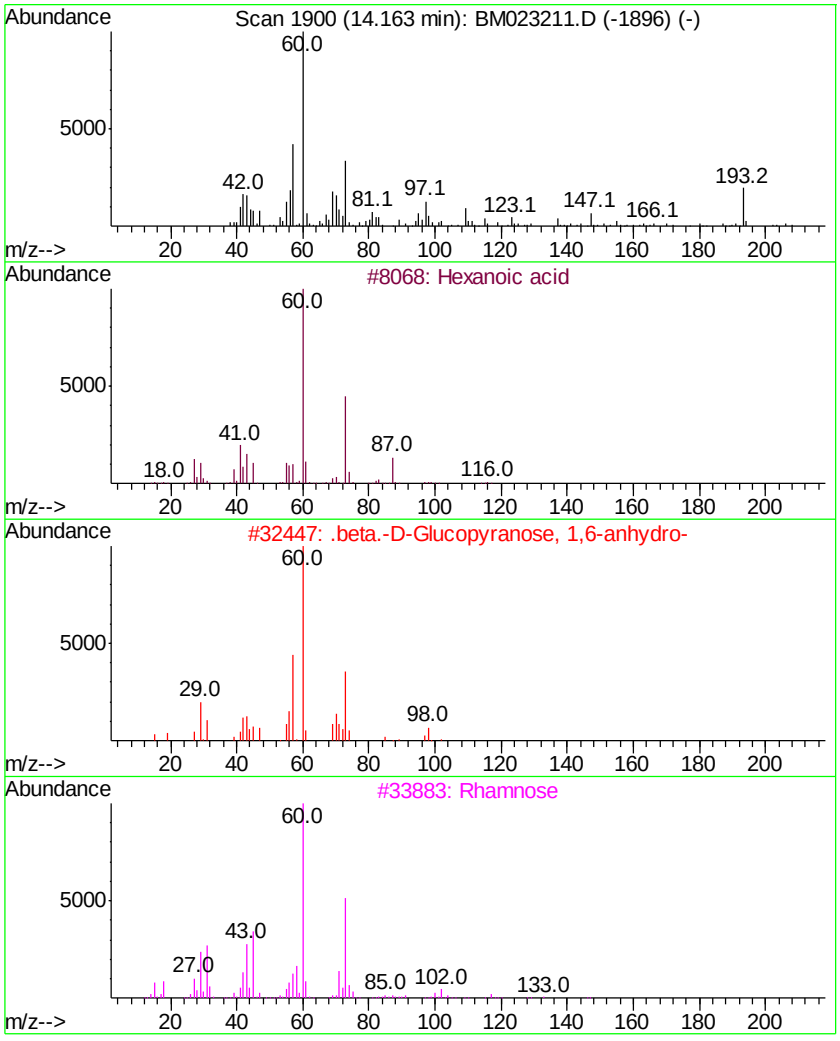
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

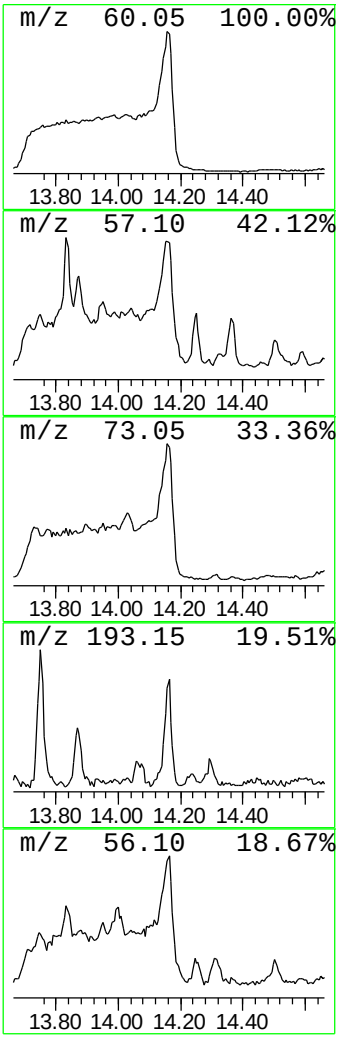
****

Peak Number 5 Hexanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	5.85 ng/ul	1360340	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	58
2	.beta.-D-Glucopyranose, 1,6-anhy...	162	C6H10O5	000498-07-7	53
3	Rhamnose	164	C6H12O5	003615-41-6	42
4	Hexanoic acid	116	C6H12O2	000142-62-1	42
5	Heptanoic acid	130	C7H14O2	000111-14-8	42





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Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
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Instrument : BNA_M
ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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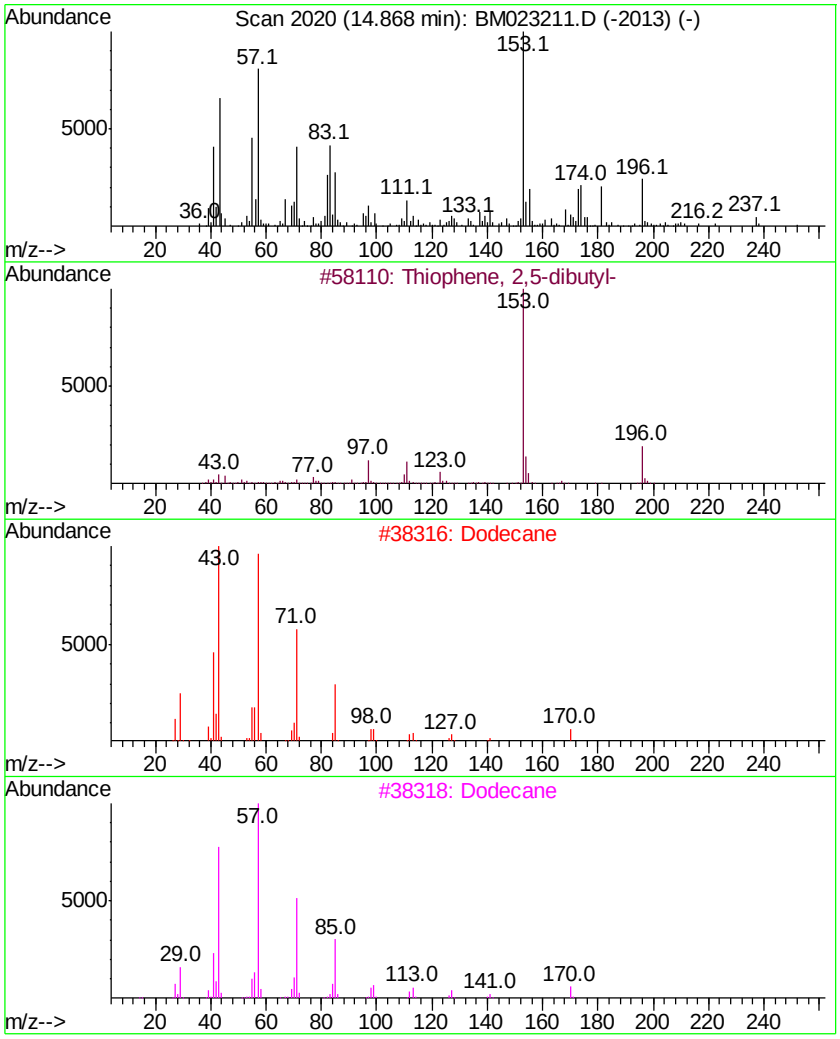
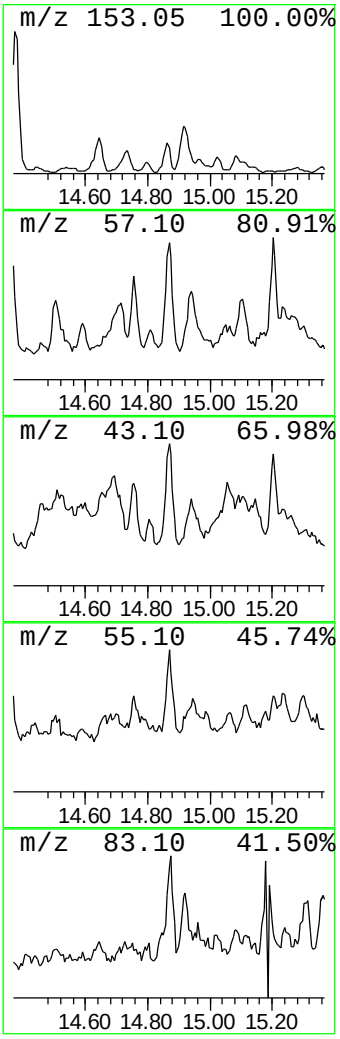
Peak Number 6 Thiophene, 2,5-dibutyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.70 ng/ul	629148	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-dibutyl-	196	C12H20S	006911-45-1	51
2	Dodecane	170	C12H26	000112-40-3	46
3	Dodecane	170	C12H26	000112-40-3	45
4	Dodecane	170	C12H26	000112-40-3	44
5	Undecane	156	C11H24	001120-21-4	44





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Quant Title : SVOA CALIBRATION

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

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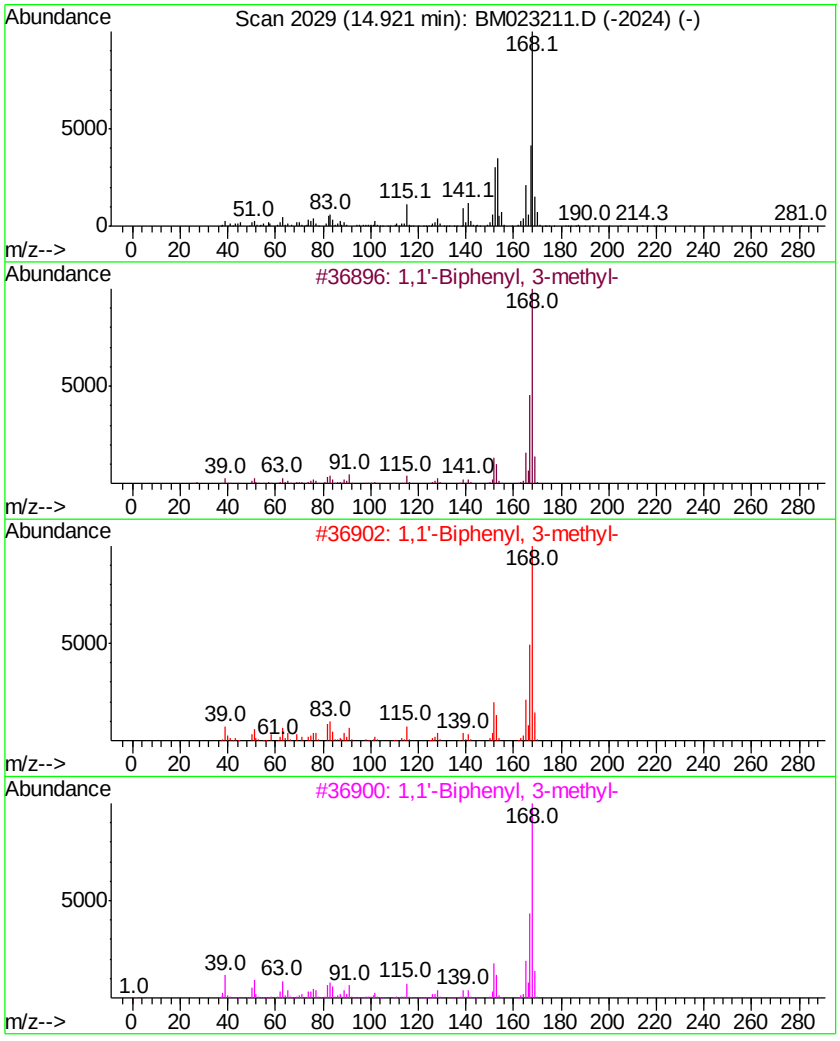
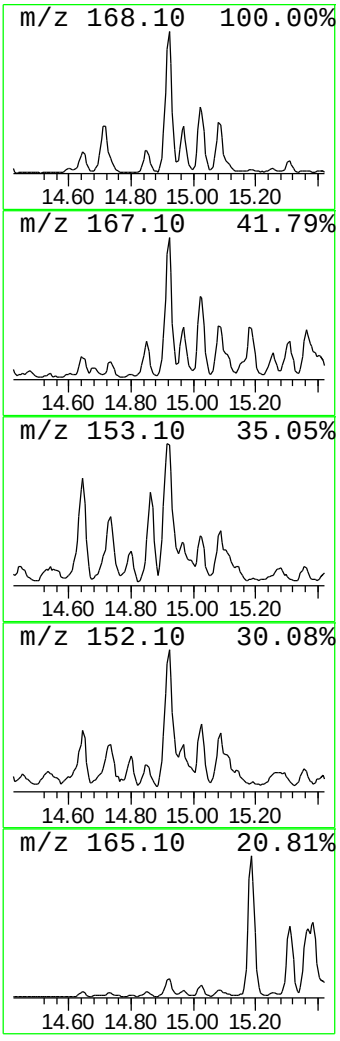
Peak Number 7 1,1'-Biphenyl, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	6.29 ng/ul	1462540	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	87
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	52
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52





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Quant Title : SVOA CALIBRATION

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

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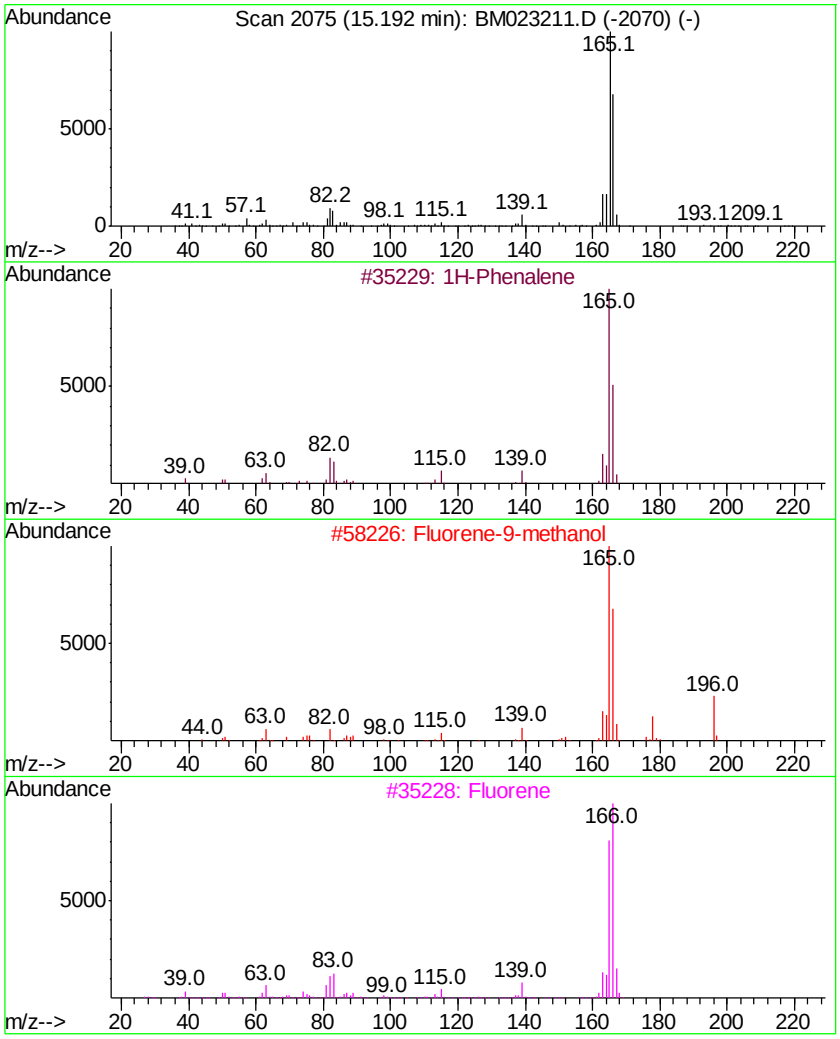
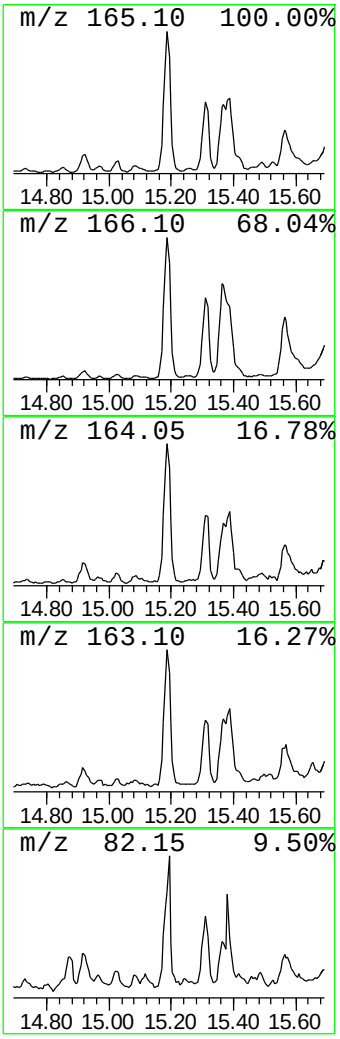
Peak Number 8 1H-Phenalene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.59 ng/ul	1067660	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	80
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	78
3	Fluorene	166	C13H10	000086-73-7	58
4	Fluorene	166	C13H10	000086-73-7	50
5	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	45





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Quant Title : SVOA CALIBRATION

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

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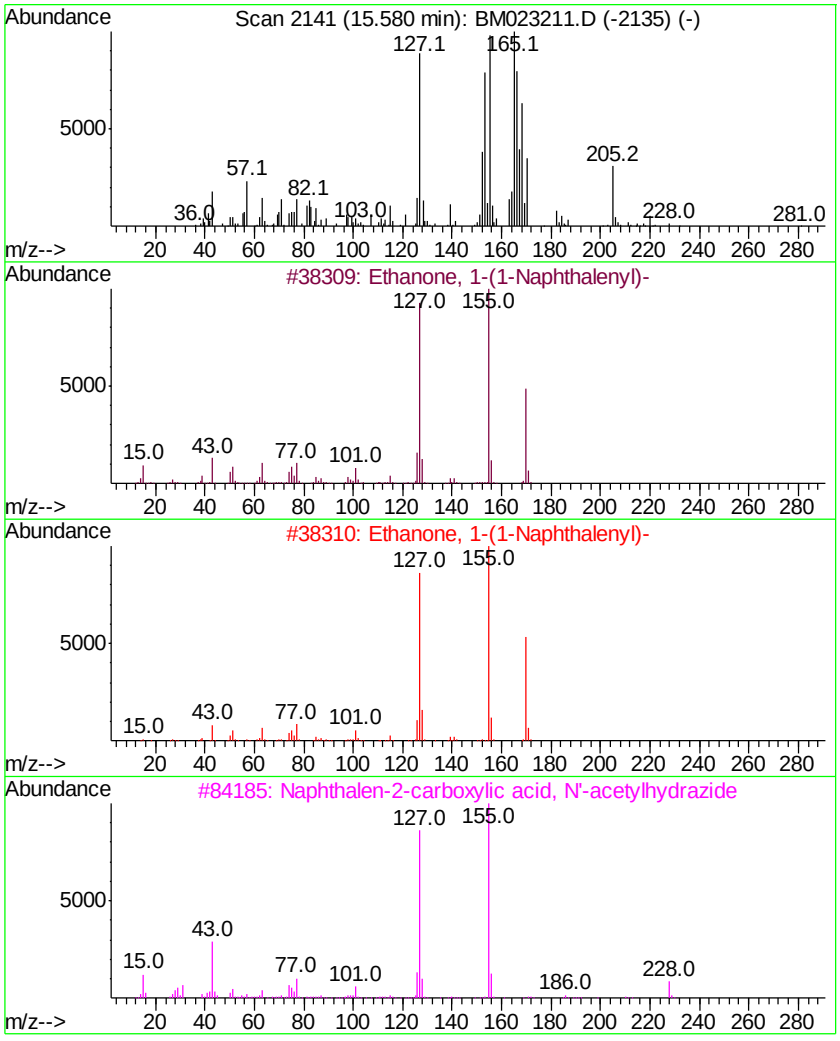
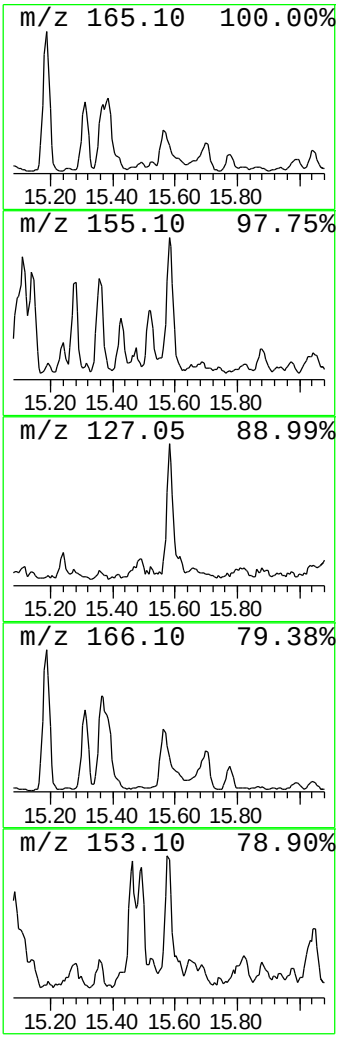
Peak Number 9 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.94 ng/ul	682854	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	30
2	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	25
3	Naphthalen-2-carboxylic acid, N'...	228	C13H12N2O2	1000287-98-1	20
4	4-Cyanocinnoline	155	C9H5N3	016470-90-9	18
5	Fluorene	166	C13H10	000086-73-7	18





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Quant Title : SVOA CALIBRATION

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

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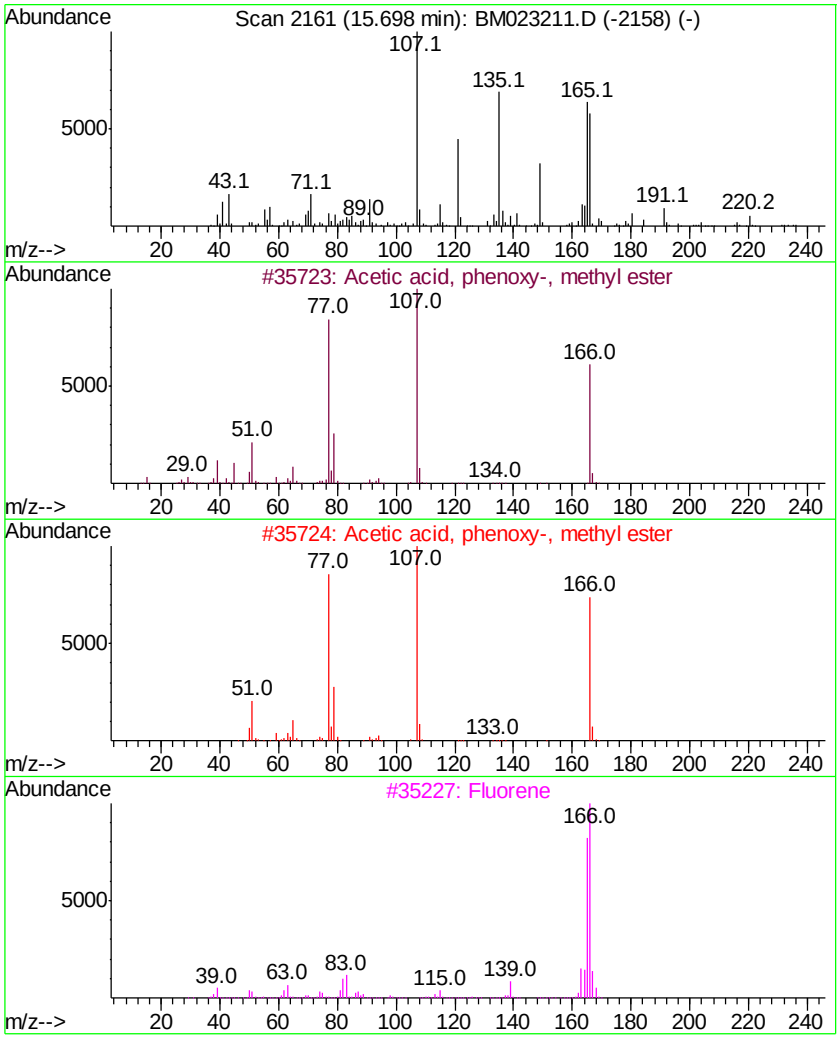
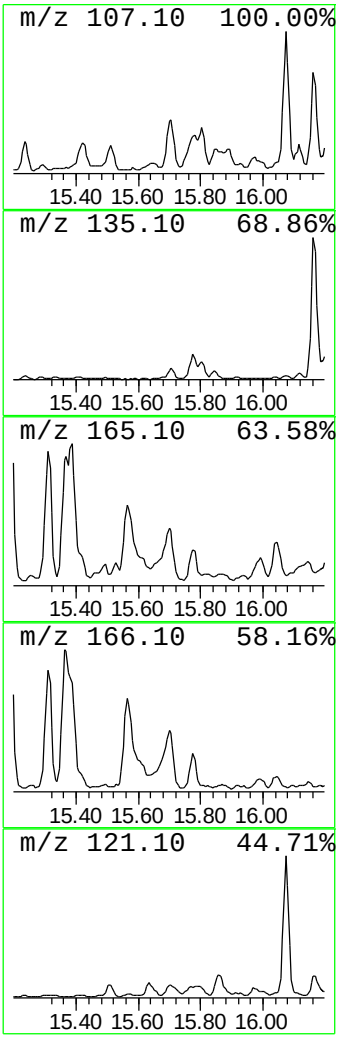
Peak Number 10 unknown-02 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.18 ng/ul	720517	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, phenoxy-, methyl ester	166	C9H10O3	002065-23-8	35
2	Acetic acid, phenoxy-, methyl ester	166	C9H10O3	002065-23-8	35
3	Fluorene	166	C13H10	000086-73-7	30
4	Fluorene	166	C13H10	000086-73-7	30
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	27





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Quant Title : SVOA CALIBRATION

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

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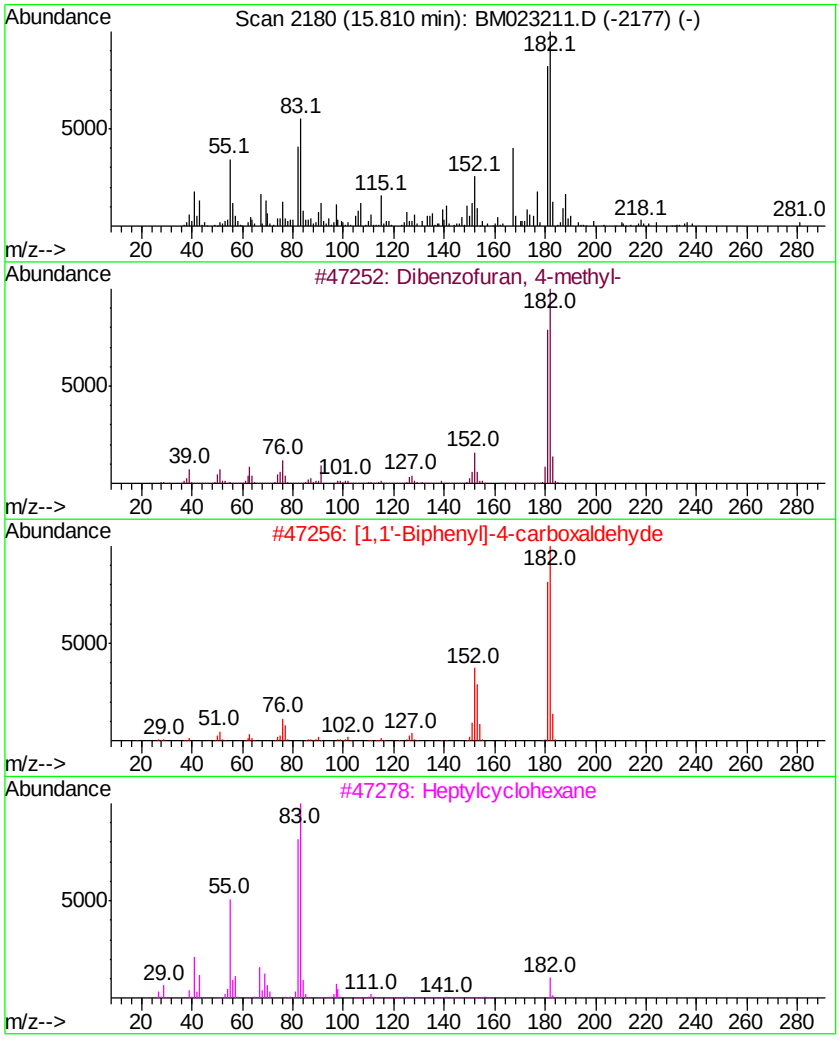
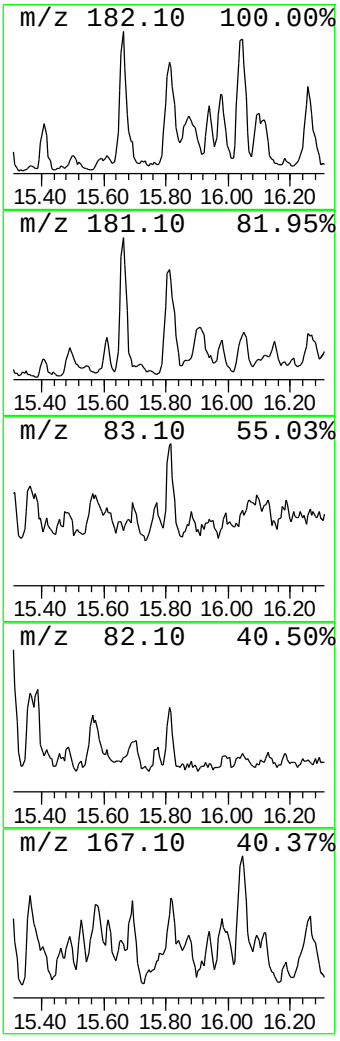
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	2.92 ng/ul	660610	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	55
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3	Heptylcyclohexane	182	C13H26	005617-41-4	43
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	38
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	35





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Quant Title : SVOA CALIBRATION

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

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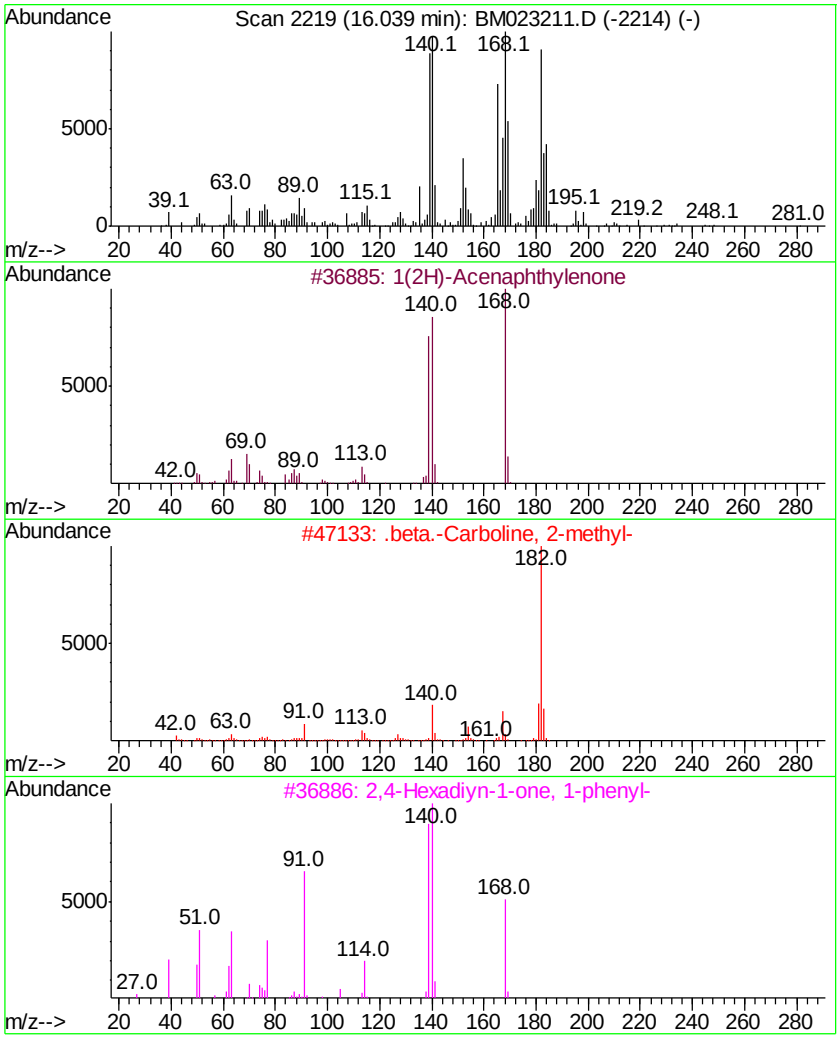
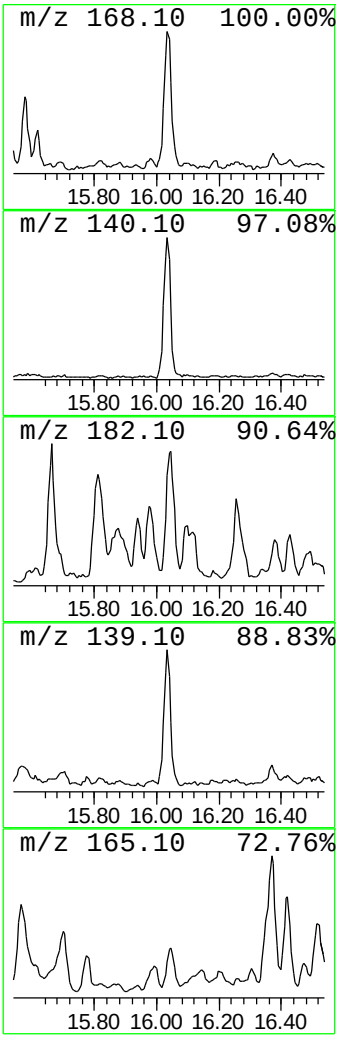
Peak Number 12 1(2H)-Acenaphthylenone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.30 ng/ul	973946	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	83
2	.beta.-Carboline, 2-methyl-	182	C12H10N2	013099-99-5	38
3	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	38
4	l-Alanine, N-(2-chlorobenzoyl)-,...	283	C14H18ClNO3	1000314-19-2	22
5	Oxidopamine	169	C8H11NO3	001199-18-4	22





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Quant Title : SVOA CALIBRATION

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

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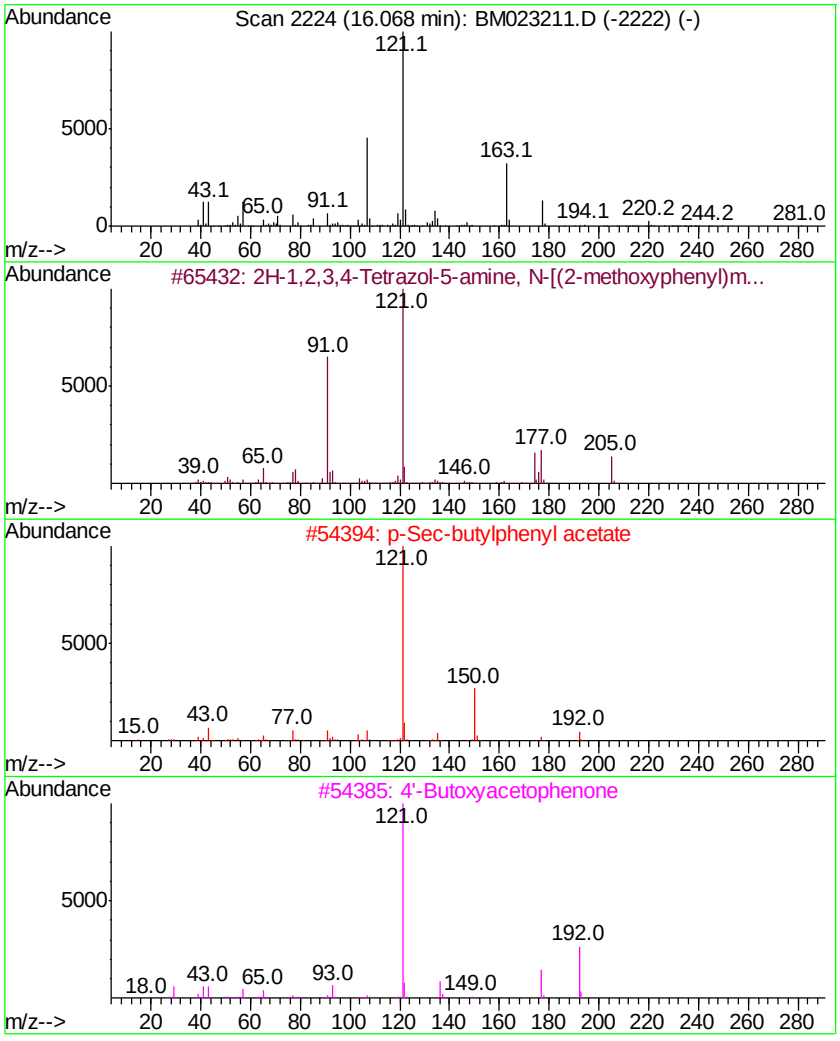
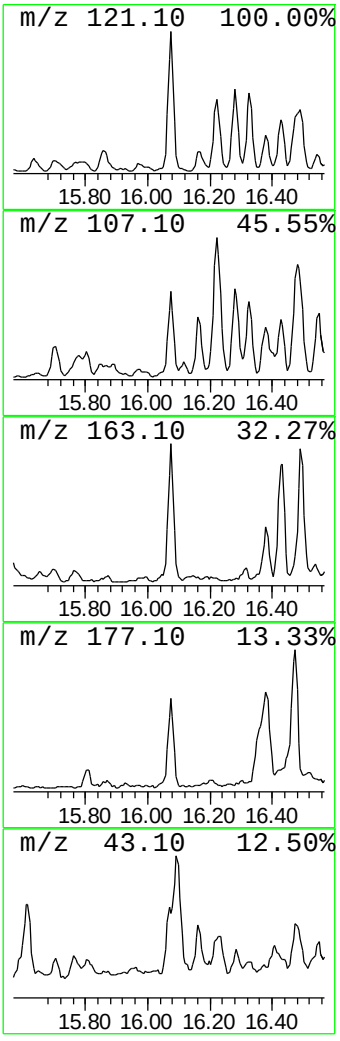
Peak Number 13 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	8.89 ng/ul	2013100	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1,2,3,4-Tetrazol-5-amine, N-[...	205	C9H11N5O	1000337-56-1	47
2	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
3	4'-Butoxyacetophenone	192	C12H16O2	005736-89-0	43
4	Oxiranecarboxylic acid, 3-phenyl...	178	C10H10O3	019190-80-8	38
5	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	38





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Quant Title : SVOA CALIBRATION

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

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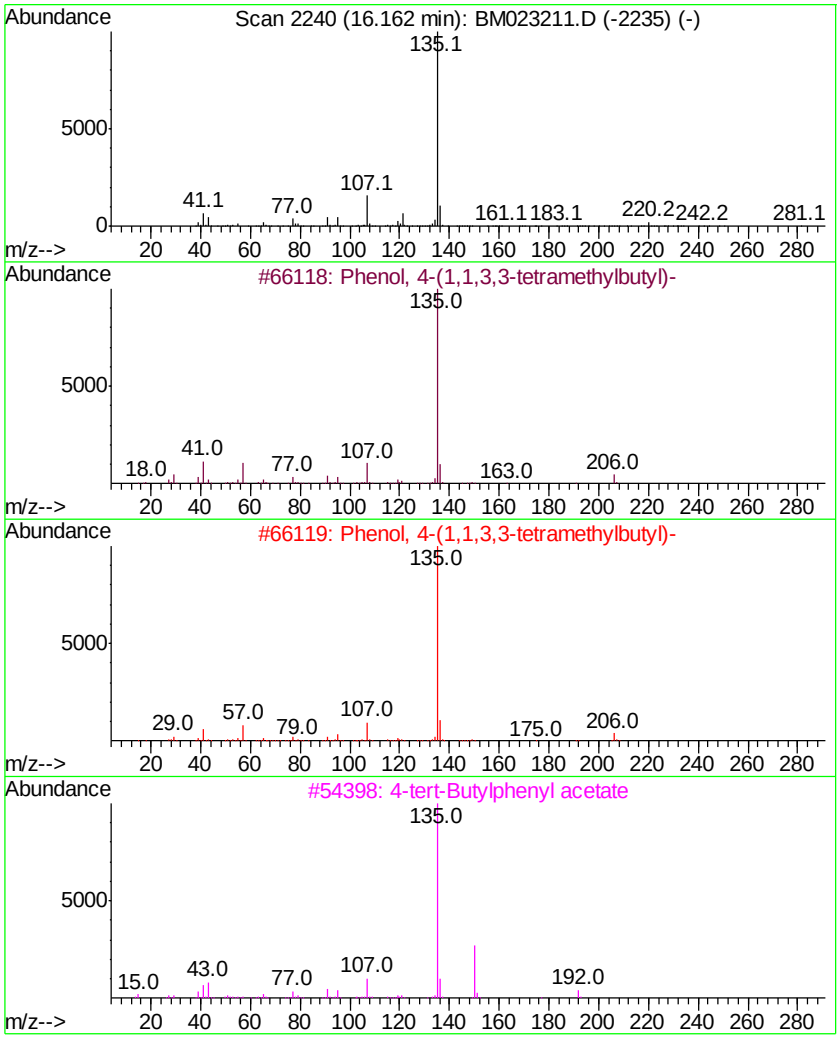
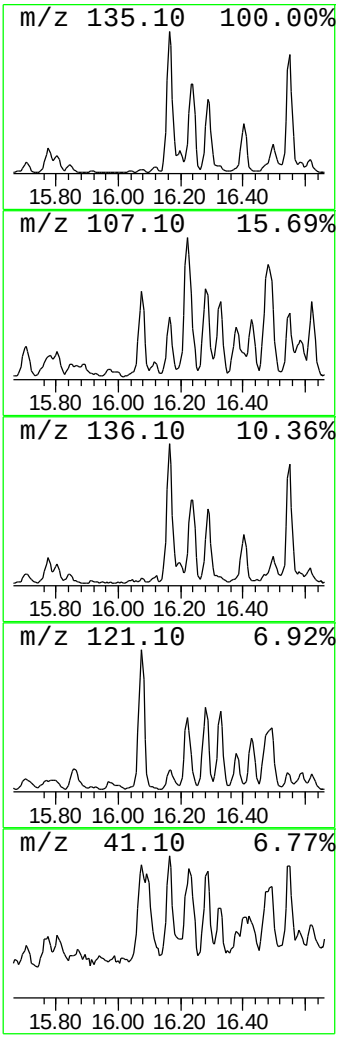
Peak Number 14 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	7.58 ng/ul	1716600	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	78
4	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
5	1-n-Hexyladamantane	220	C16H28	022458-75-9	59





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Quant Title : SVOA CALIBRATION

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

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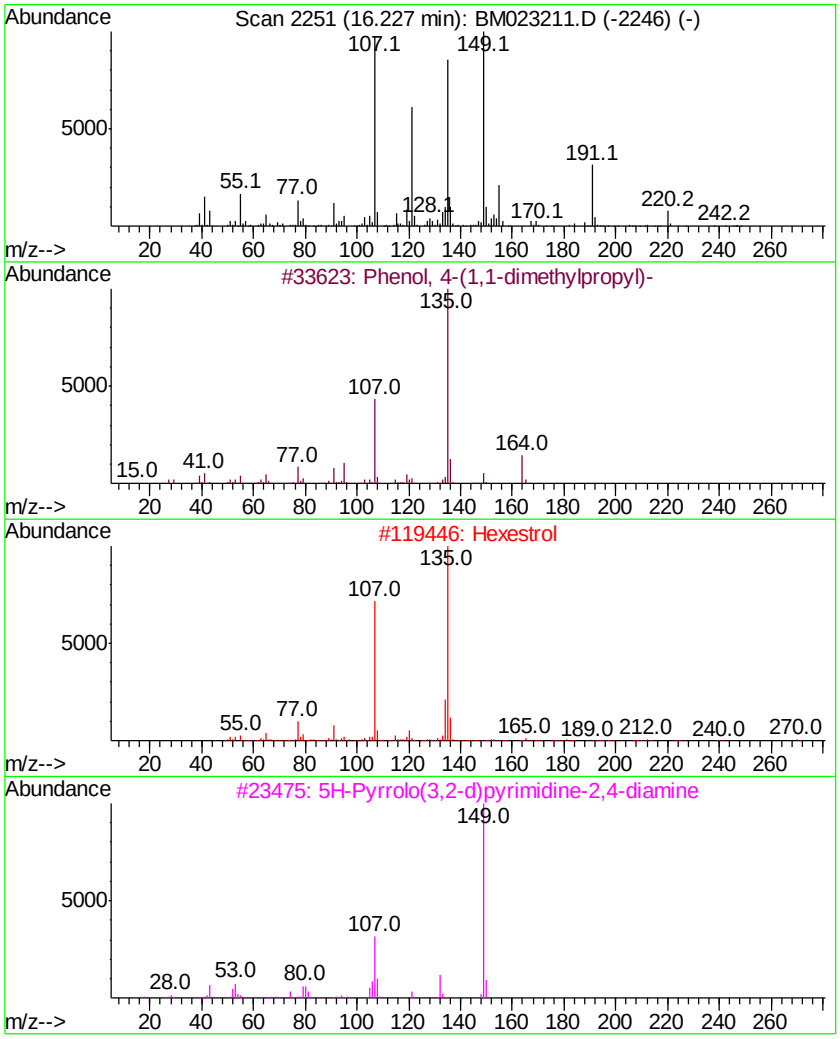
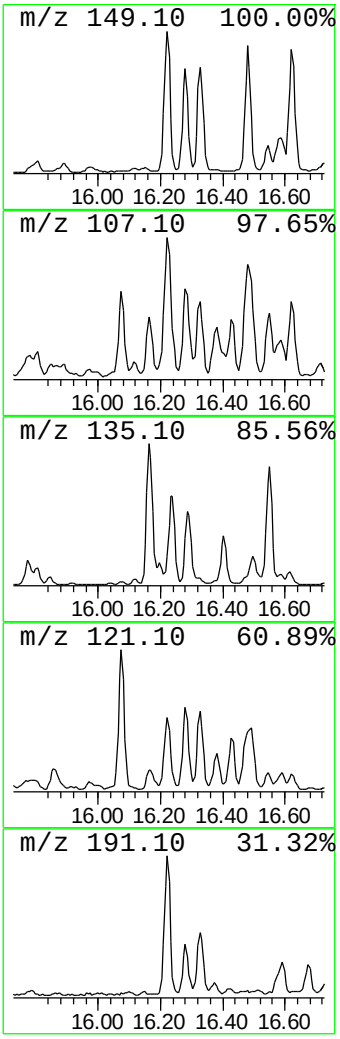
Peak Number 15 unknown-04 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	9.75 ng/ul	2208190	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	43
2	Hexestrol	270	C18H22O2	000084-16-2	38
3	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	22
5	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	22





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Quant Title : SVOA CALIBRATION

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

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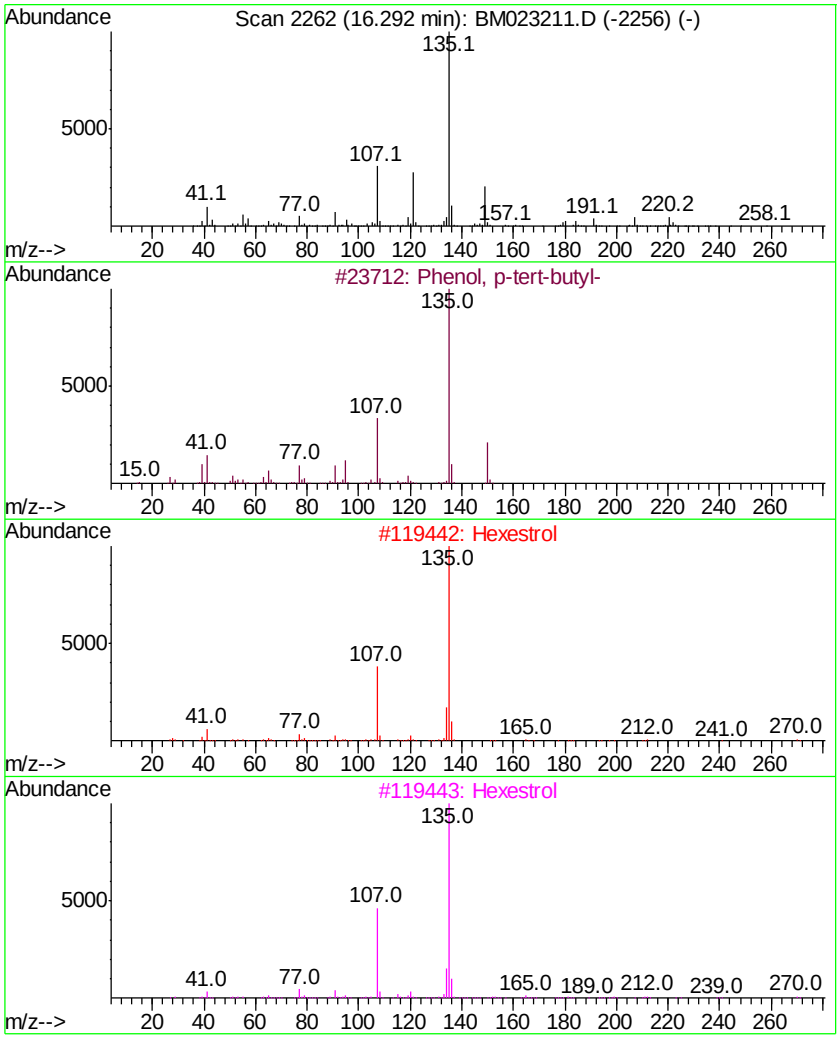
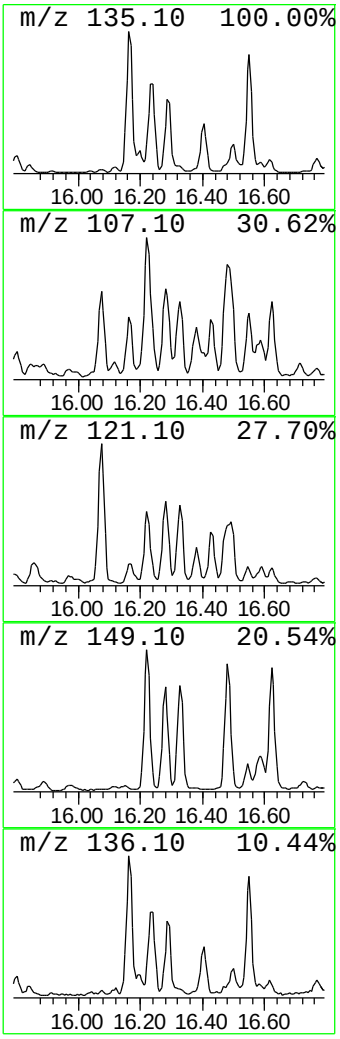
Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	6.62 ng/ul	1498350	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
2	Hexestrol	270	C18H22O2	005635-50-7	50
3	Hexestrol	270	C18H22O2	000084-16-2	50
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50





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TIC Integration Parameters: LSCINT.P

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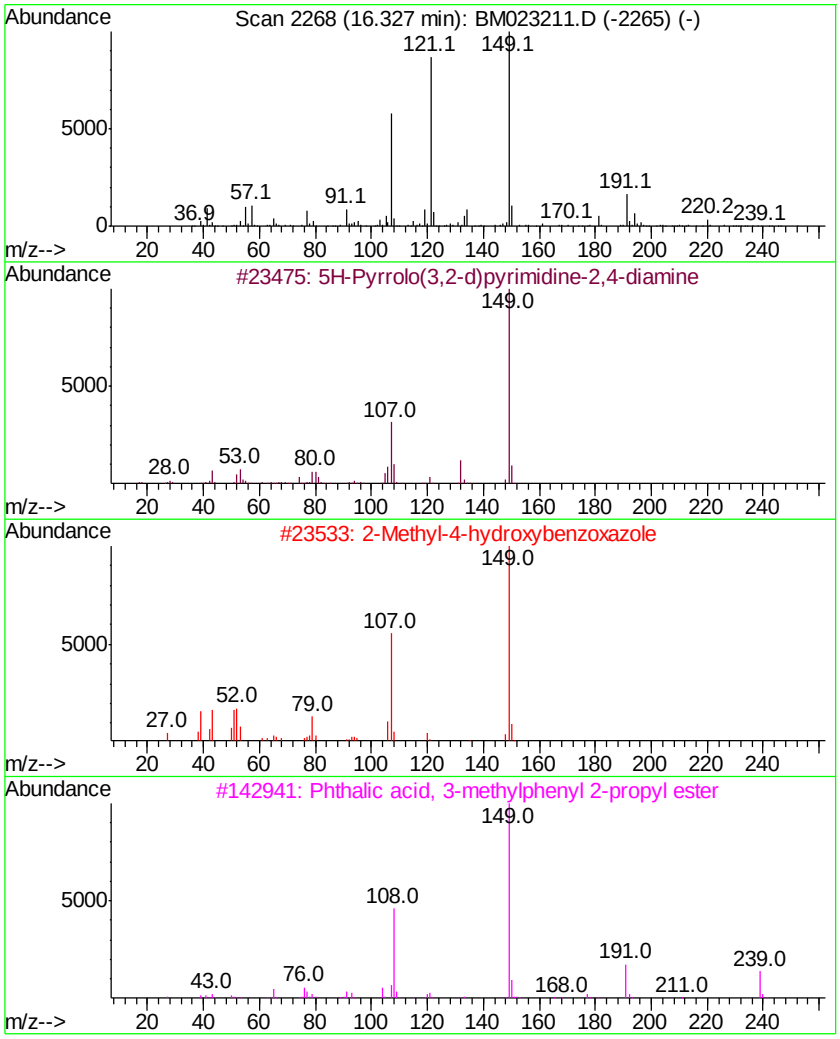
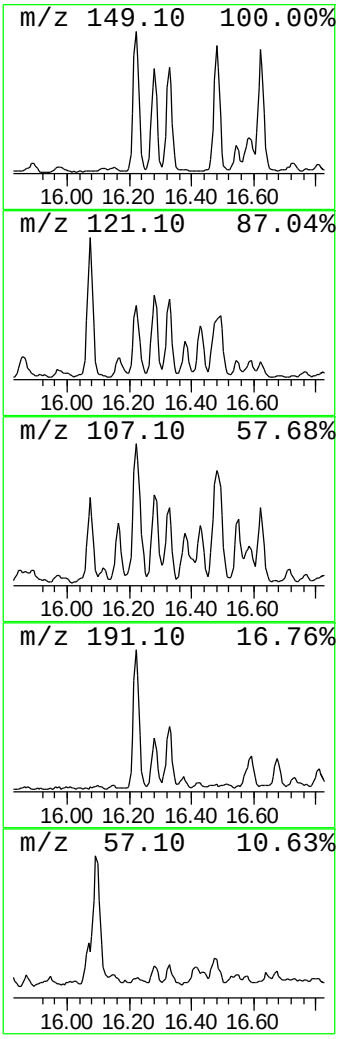
Peak Number 17 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.93 ng/ul	889848	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	43
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
3	Phthalic acid, 3-methylphenyl 2-...	298	C18H18O4	1000315-56-7	35
4	Phthalic acid, 3-methylphenyl pr...	298	C18H18O4	1000315-36-6	35
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	30





Library Search Compound Report

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Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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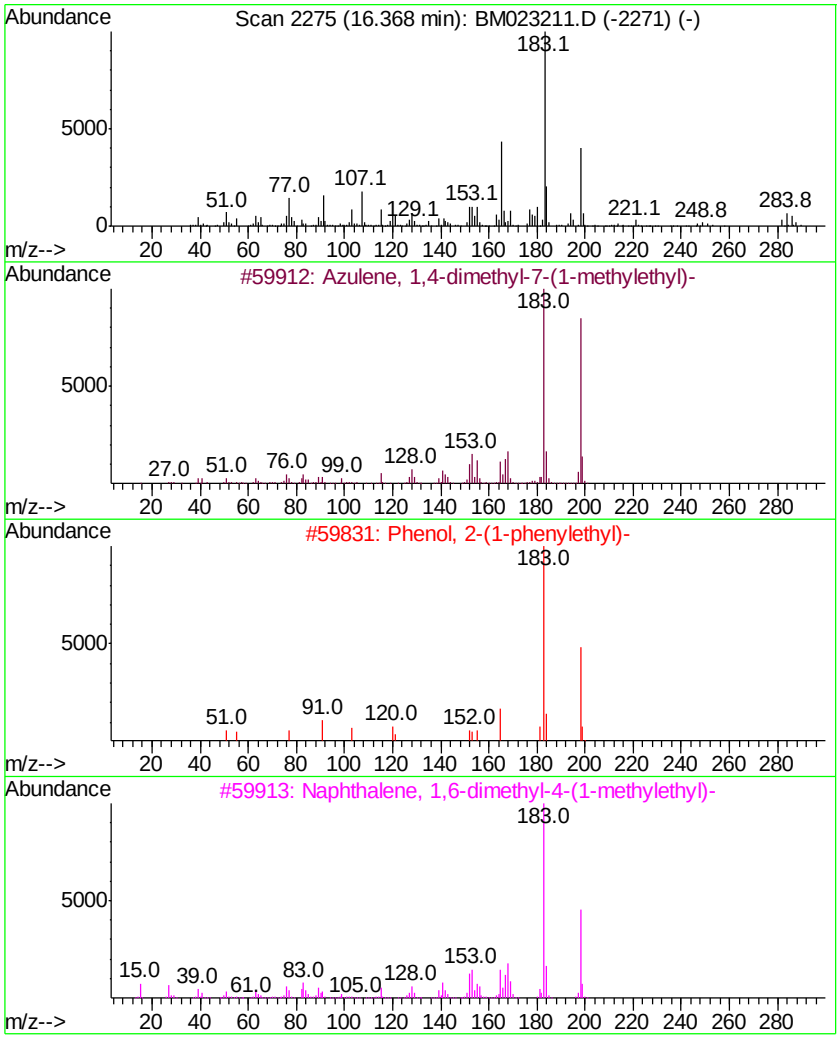
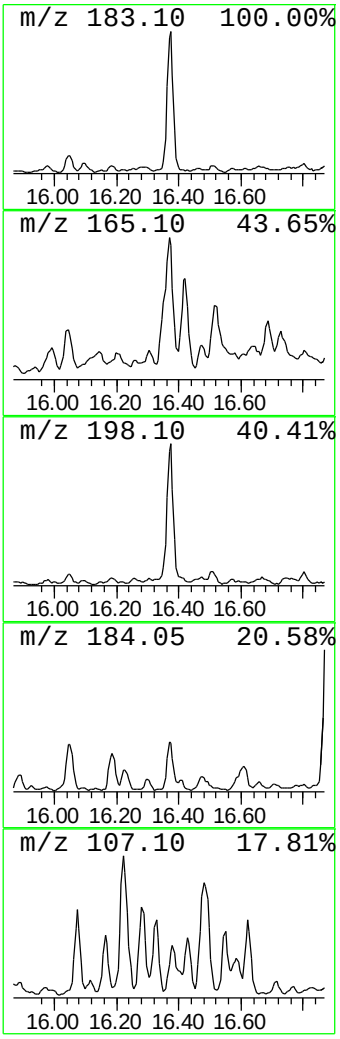
Peak Number 18 Azulene, 1,4-dimethyl-7-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	9.50 ng/ul	2151370	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	70
2	Phenol, 2-(1-phenylethyl)-	198	C14H14O	004237-44-9	64
3	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	62
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	58
5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	52





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Quant Title : SVOA CALIBRATION

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

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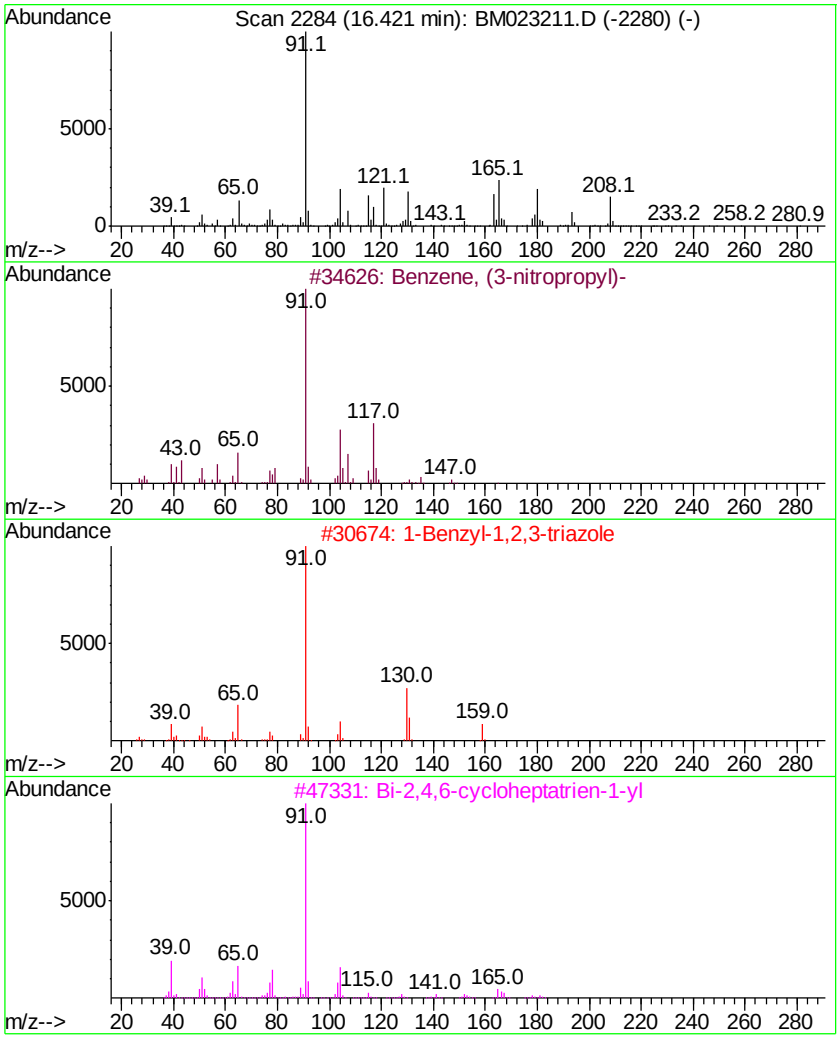
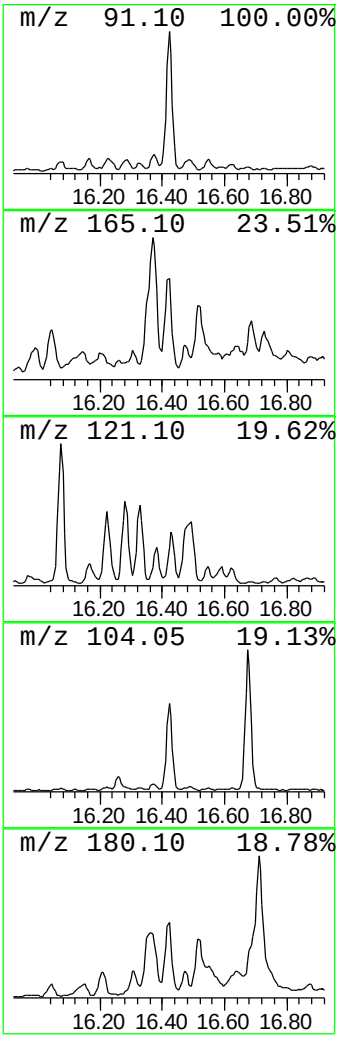
Peak Number 19 unknown-06 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	9.25 ng/ul	2094290	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-nitropropyl)-	165	C9H11NO2	022818-69-5	27
2	1-Benzyl-1,2,3-triazole	159	C9H9N3	004368-68-7	22
3	Bi-2,4,6-cycloheptatrien-1-yl	182	C14H14	000831-18-5	16
4	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	15
5	Silane, triethyl(phenylmethoxy)-	222	C13H22OSi	013959-92-7	14





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ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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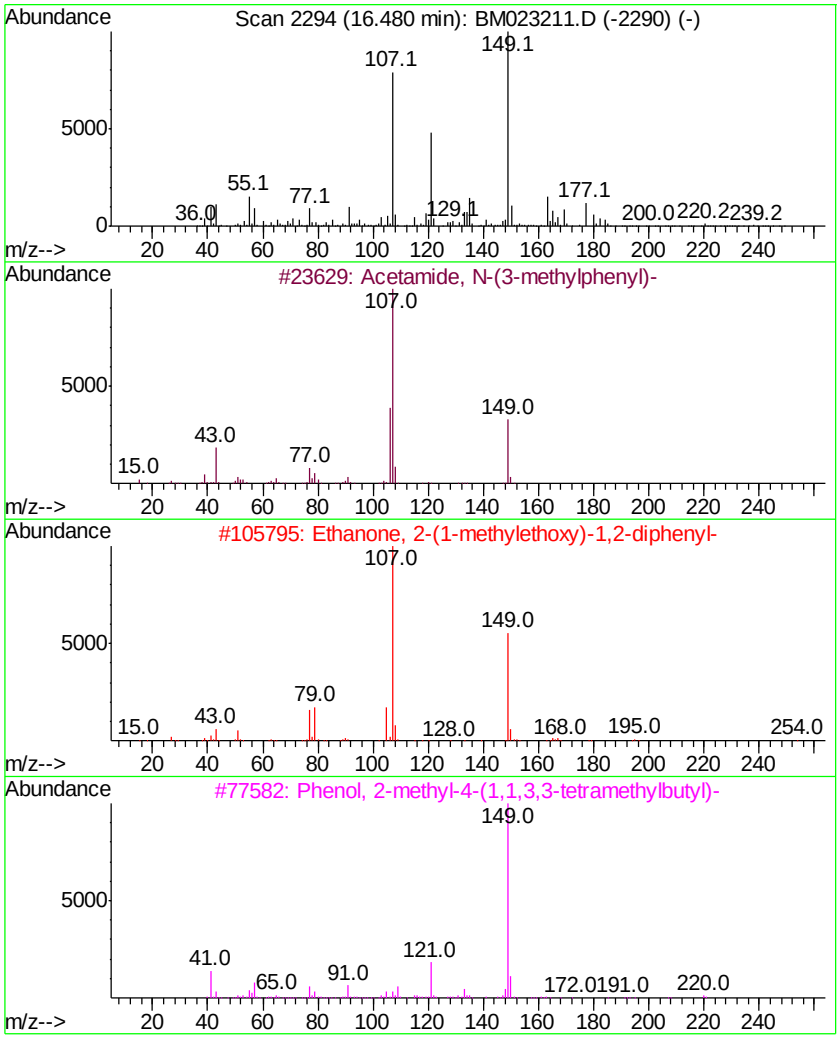
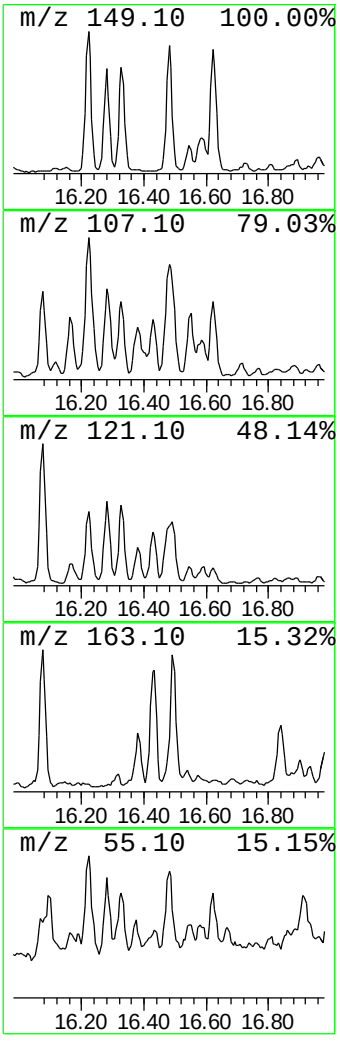
Peak Number 20 Acetamide, N-(3-methylphenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	8.97 ng/ul	2030850	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	59
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	Phthalic acid, ethyl isopropyl e...	236	C13H16O4	1000314-99-6	38
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	35





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Misc :
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Instrument : BNA_M
ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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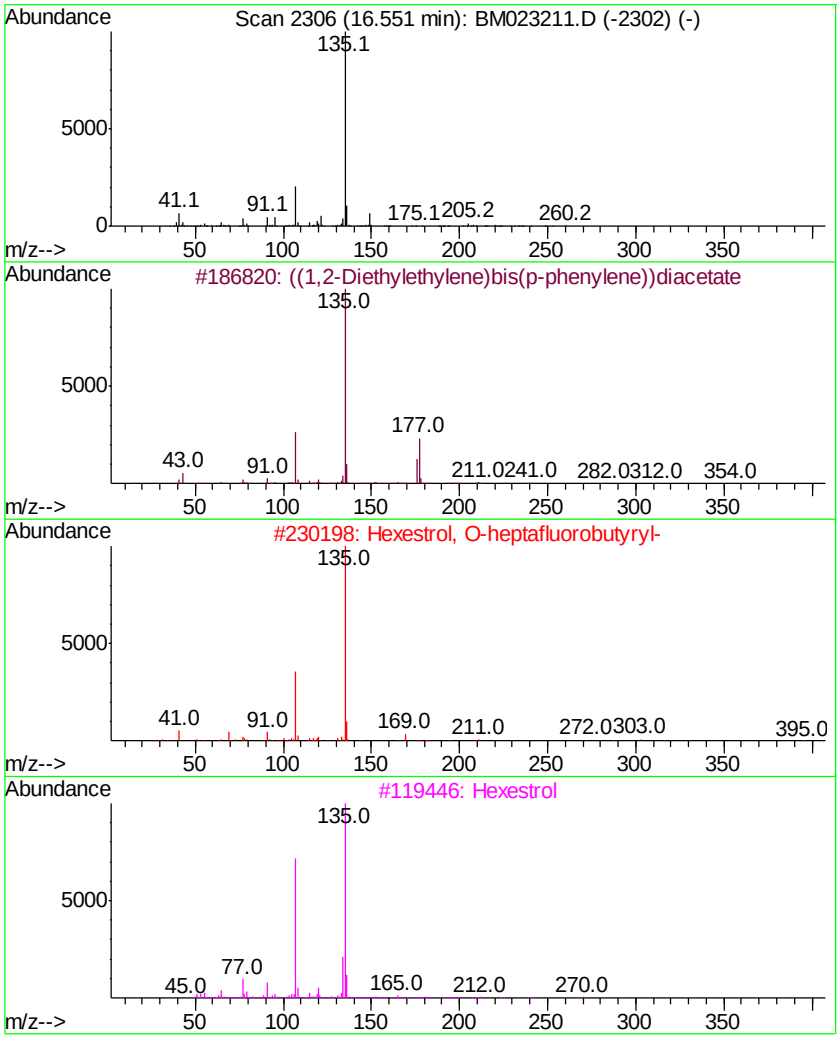
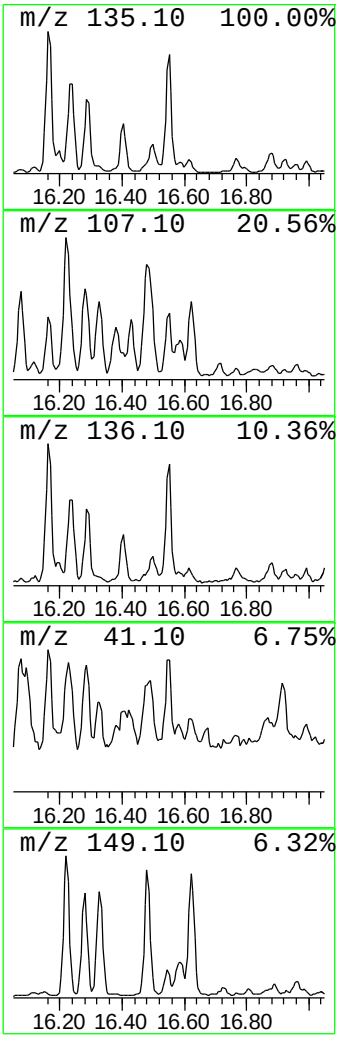
Peak Number 21 ((1,2-Diethylethylene)bis(p... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.85 ng/ul	872585	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	64
2	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	64
3	Hexestrol	270	C18H22O2	000084-16-2	64
4	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64





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ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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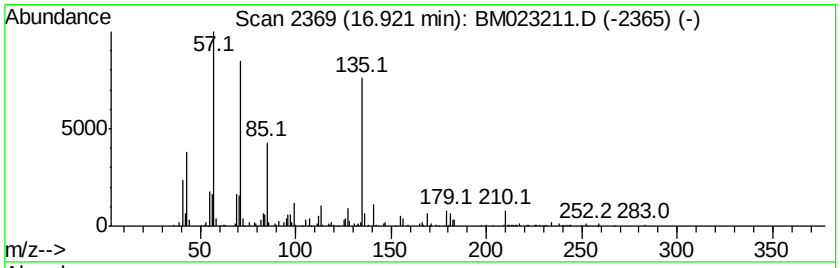
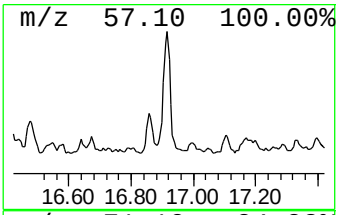
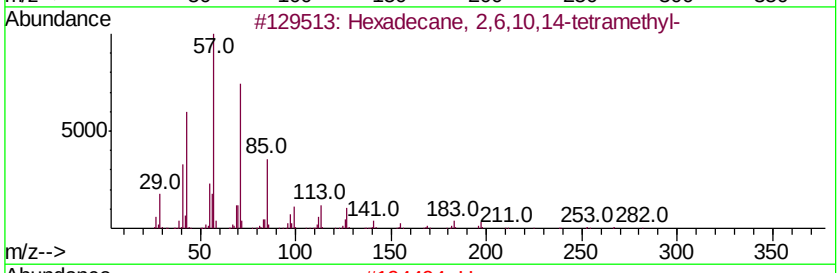
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 42

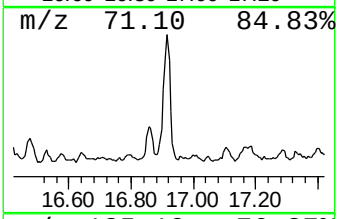
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.20 ng/ul	723997	Phenanthrene-d10	17.06

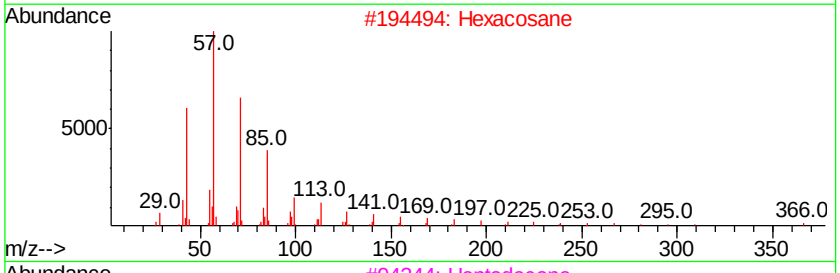
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Hexacosane	366	C26H54	000630-01-3	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	Hexadecane	226	C16H34	000544-76-3	72

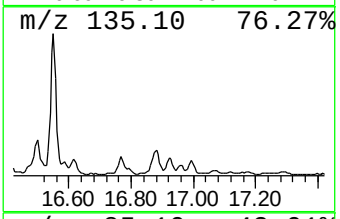


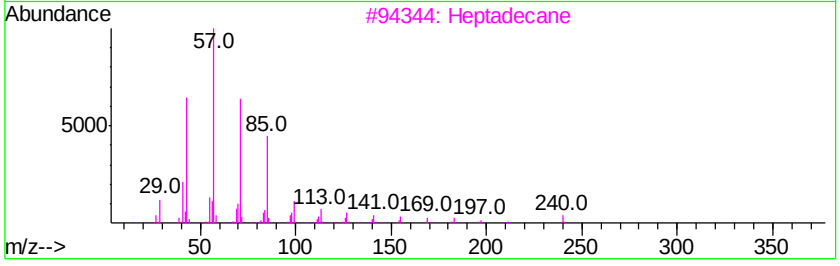


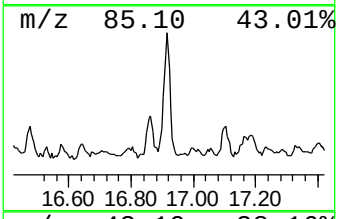


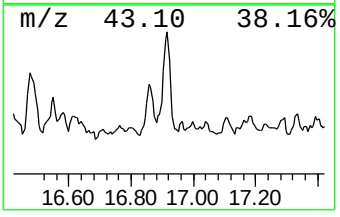












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Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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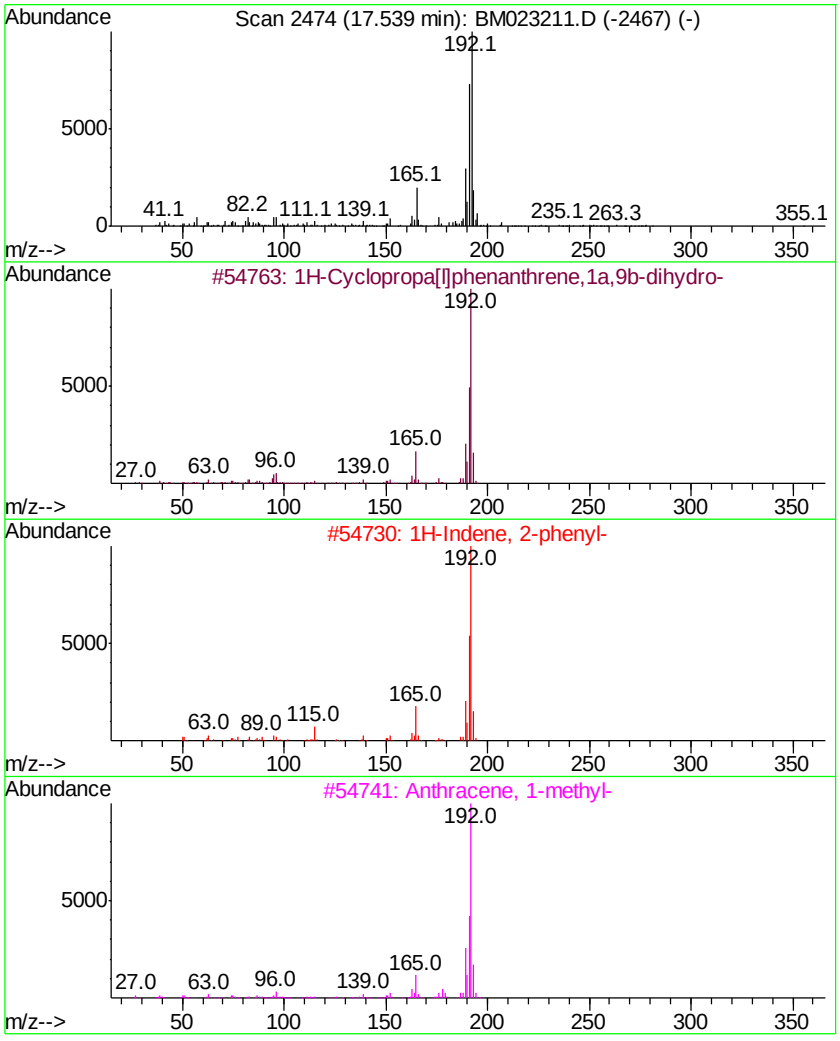
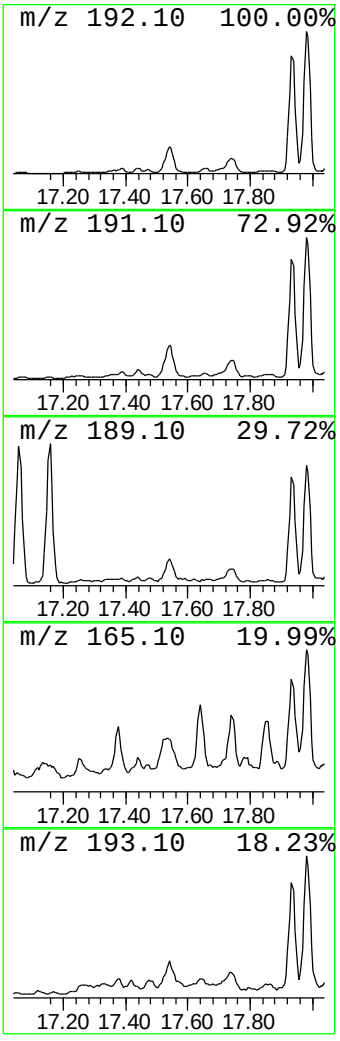
Peak Number 24 1H-Cyclopropa[l]phenanthren... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	5.03 ng/ul	1139130	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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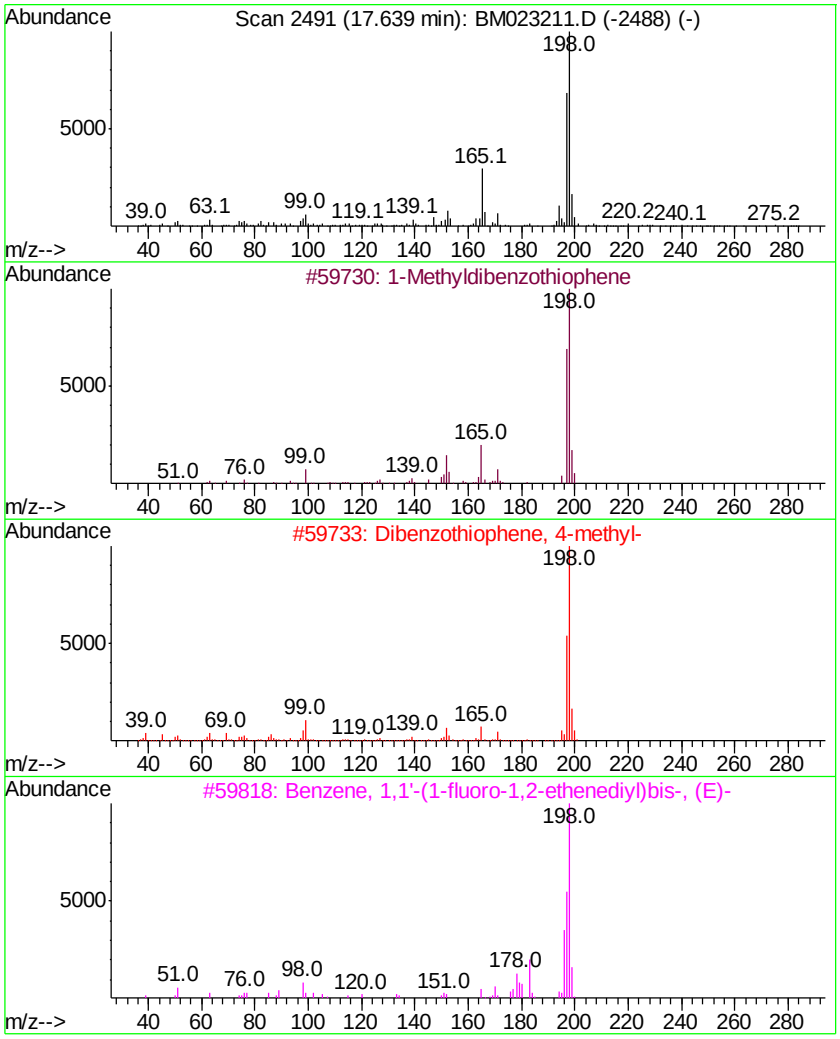
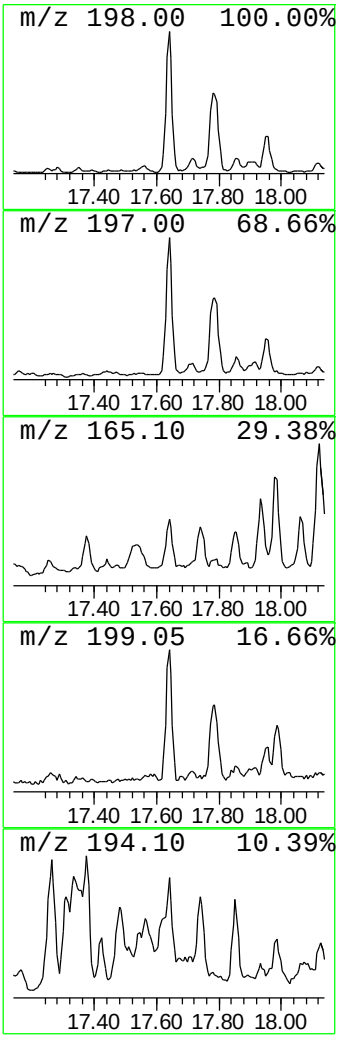
Peak Number 25 1-Methyldibenzothiophene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.99 ng/ul	677297	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	72
3	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	59
5	Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	53





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Quant Title : SVOA CALIBRATION

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

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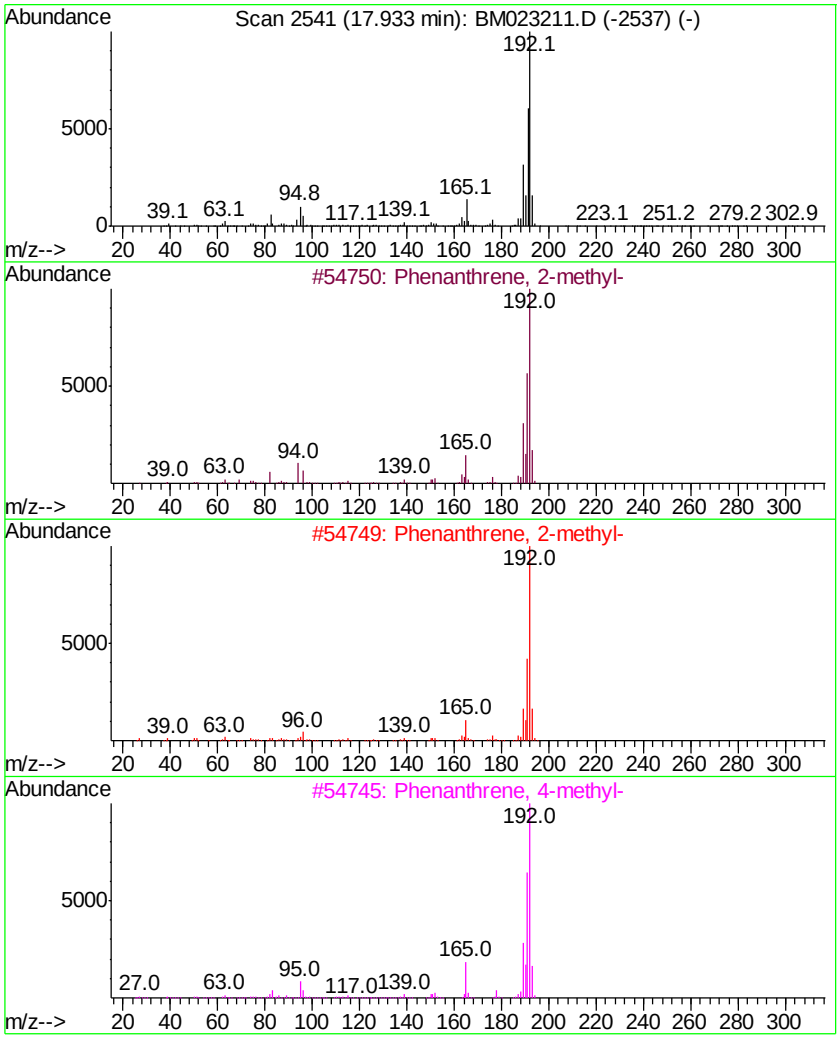
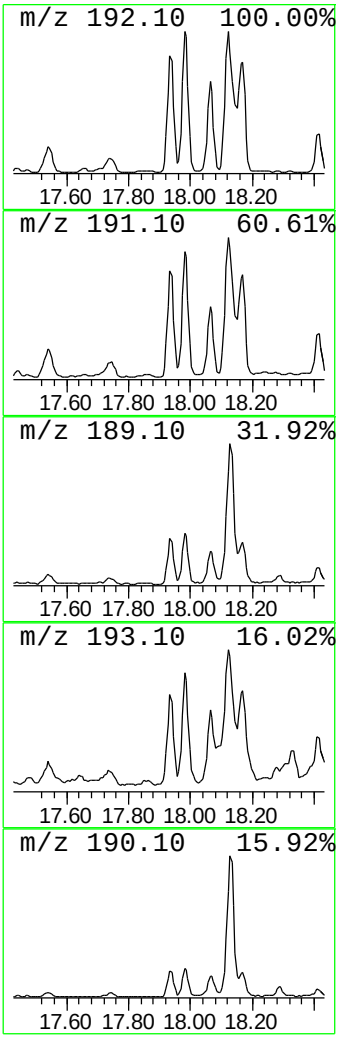
Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	9.40 ng/ul	2127620	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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ClientSampleId : BFB76

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Quant Title : SVOA CALIBRATION

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

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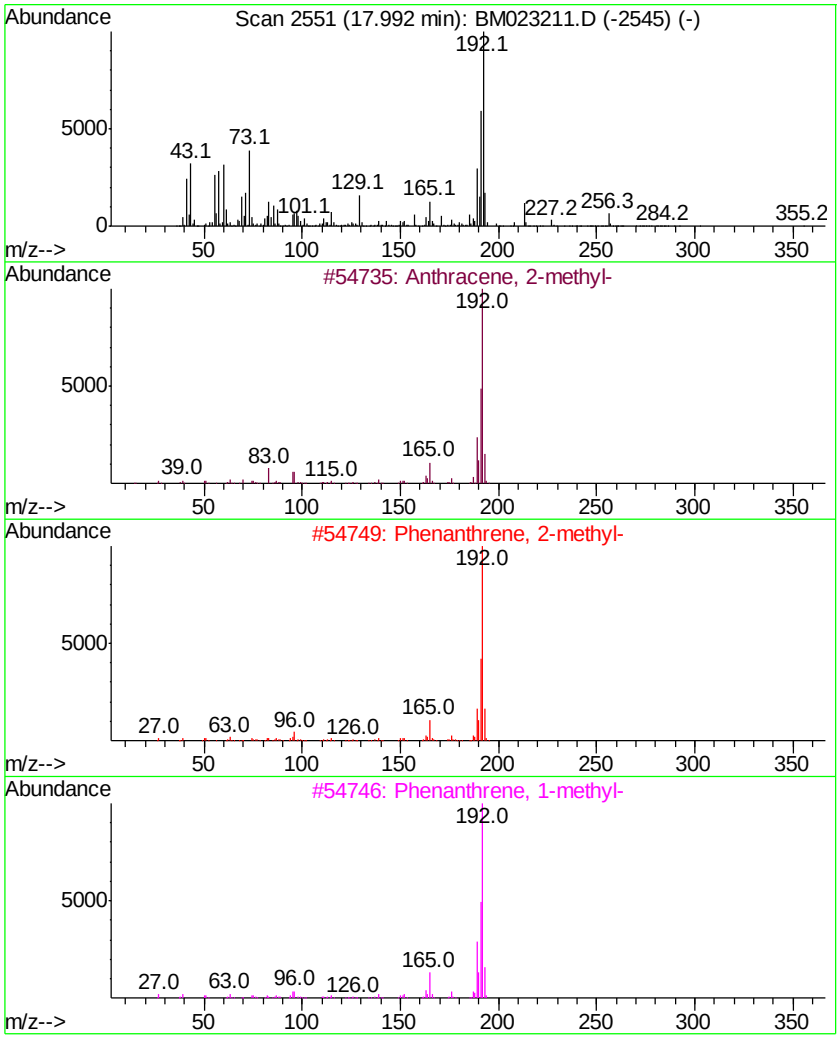
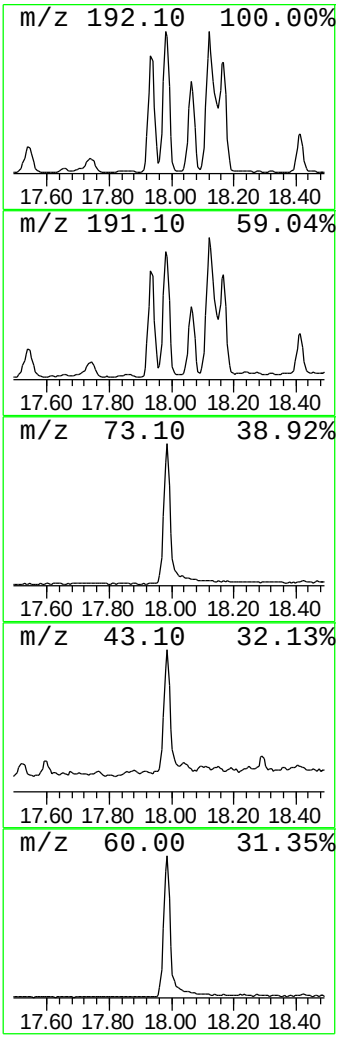
Peak Number 27 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	24.11 ng/ul	5459130	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Quant Title : SVOA CALIBRATION

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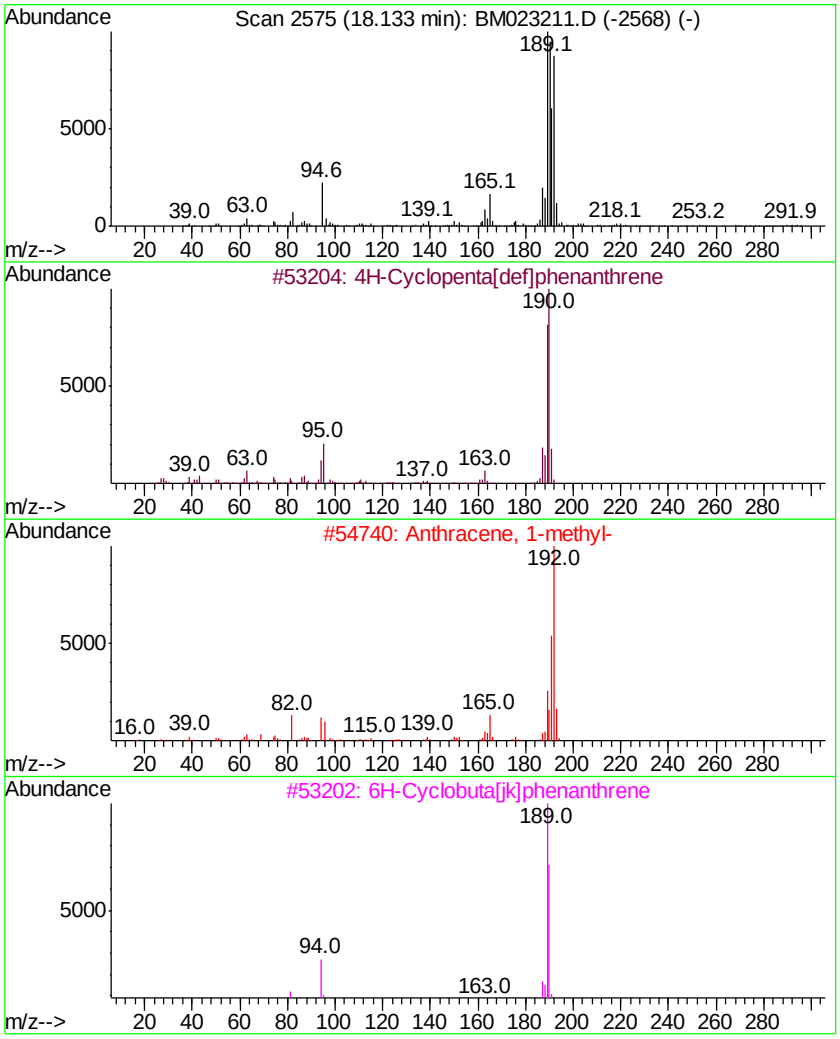
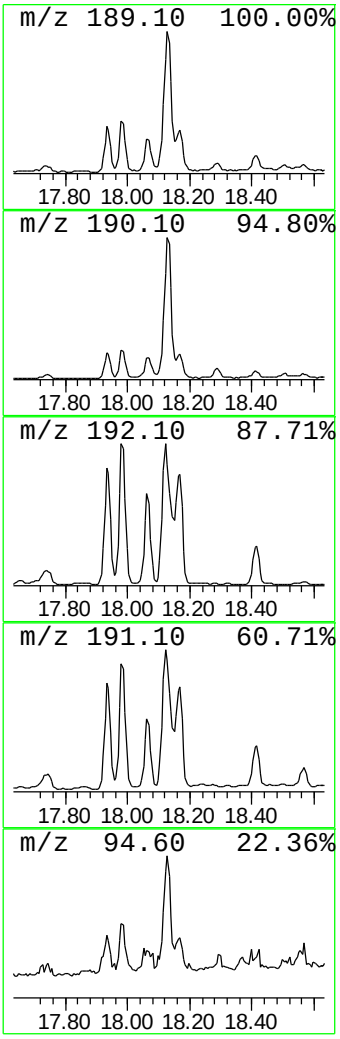
Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	24.36 ng/ul	5516020	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





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Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

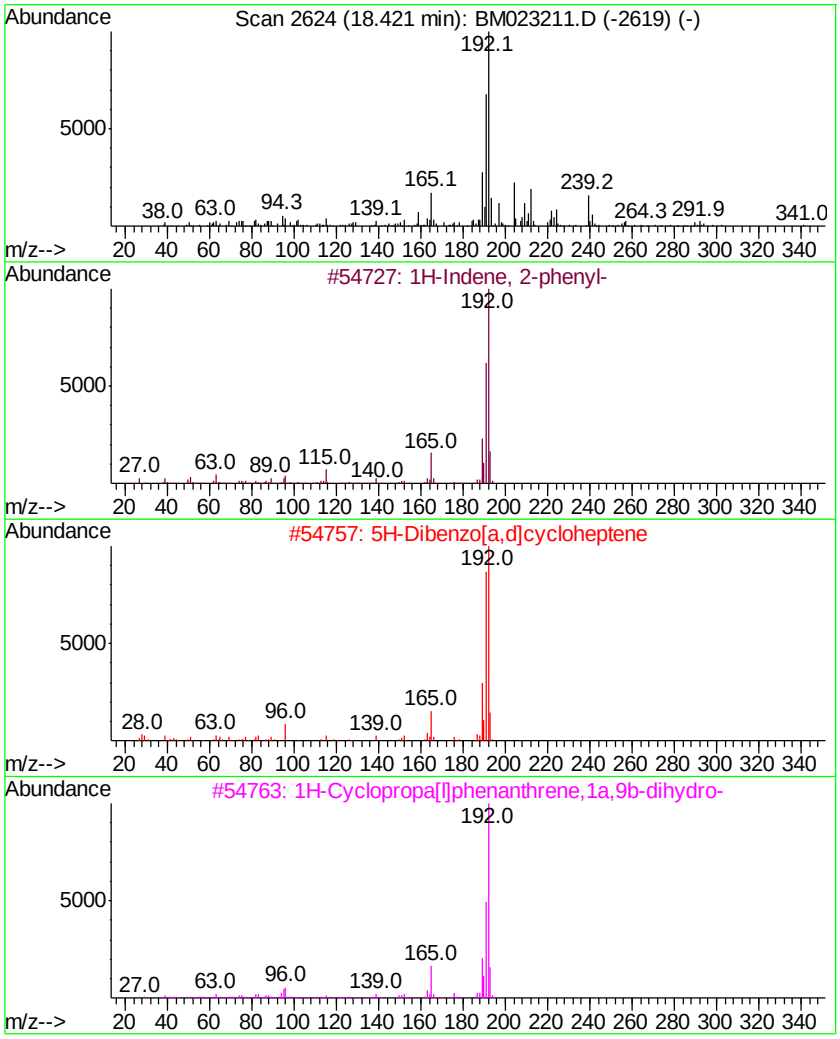
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

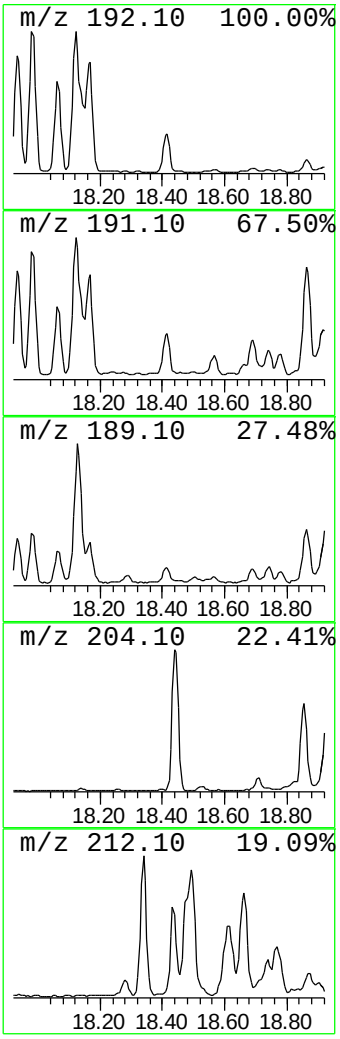
****

Peak Number 30 1H-Indene, 2-phenyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.90 ng/ul	655972	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

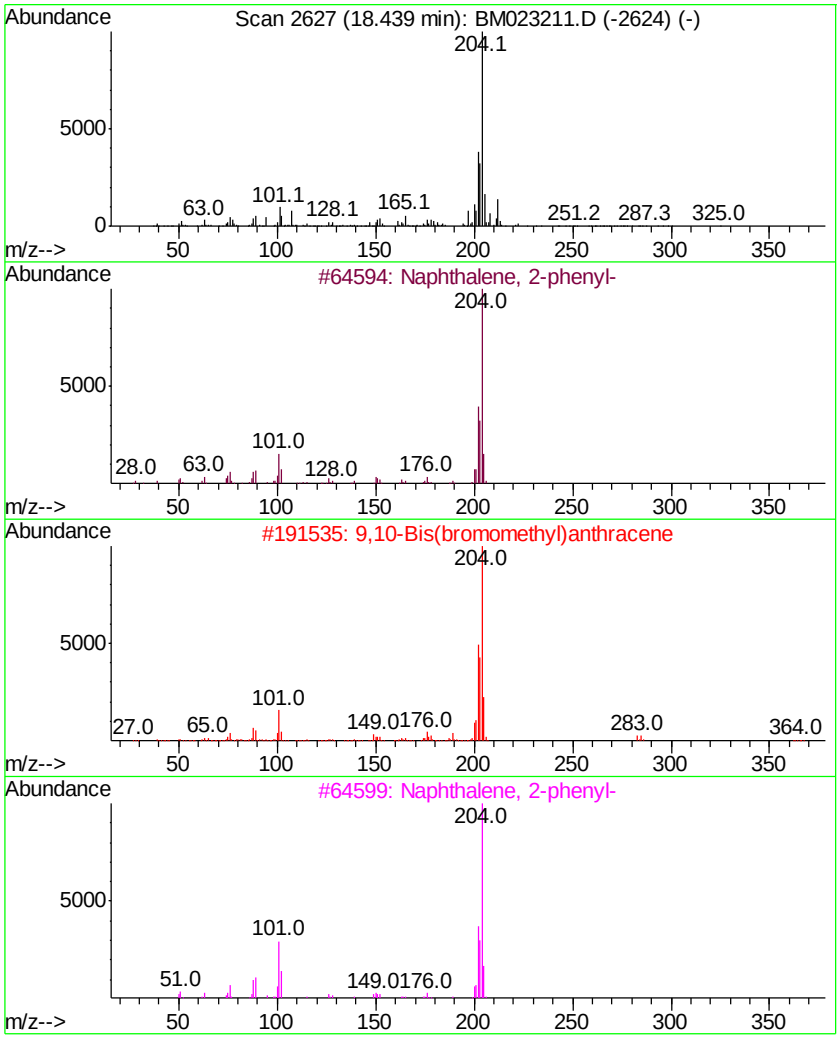
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

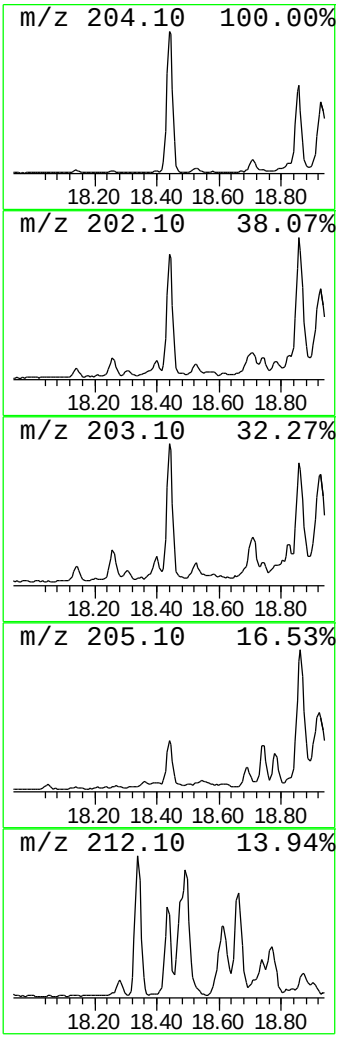
****

Peak Number 31 9,10-Bis(bromomethyl)anthra... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	5.50 ng/ul	1245900	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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
Bicyclo[4.2.0]oct...	5.68	6.6	ng/ul	909139	1	7.67	2767890	20.0
Benzene, 1-etheny...	7.33	5.7	ng/ul	787874	1	7.67	2767890	20.0
1,4-Methanonaphth...	11.97	4.8	ng/ul	930904	2	10.45	3905810	20.0
Naphthalene, 2,3-...	13.64	2.8	ng/ul	652809	3	14.32	4652640	20.0
Hexanoic acid	14.16	5.8	ng/ul	1360340	3	14.32	4652640	20.0
Thiophene, 2,5-di...	14.87	2.7	ng/ul	629148	3	14.32	4652640	20.0
1,1'-Biphenyl, 3-...	14.92	6.3	ng/ul	1462540	3	14.32	4652640	20.0
1H-Phenalene	15.19	4.6	ng/ul	1067660	3	14.32	4652640	20.0
unknown-01	15.58	2.9	ng/ul	682854	3	14.32	4652640	20.0
unknown-02	15.70	3.2	ng/ul	720517	4	17.06	4528830	20.0
Dibenzofuran, 4-m...	15.81	2.9	ng/ul	660610	4	17.06	4528830	20.0
1(2H)-Acenaphthyl...	16.04	4.3	ng/ul	973946	4	17.06	4528830	20.0
unknown-03	16.07	8.9	ng/ul	2013100	4	17.06	4528830	20.0
Phenol, 4-(1,1,3,...	16.16	7.6	ng/ul	1716600	4	17.06	4528830	20.0
unknown-04	16.23	9.8	ng/ul	2208190	4	17.06	4528830	20.0
Phenol, p-tert-bu...	16.29	6.6	ng/ul	1498350	4	17.06	4528830	20.0
unknown-05	16.33	3.9	ng/ul	889848	4	17.06	4528830	20.0
Azulene, 1,4-dime...	16.37	9.5	ng/ul	2151370	4	17.06	4528830	20.0
unknown-06	16.42	9.3	ng/ul	2094290	4	17.06	4528830	20.0
Acetamide, N-(3-m...	16.48	9.0	ng/ul	2030850	4	17.06	4528830	20.0
((1,2-Diethylethy...	16.55	3.9	ng/ul	872585	4	17.06	4528830	20.0
(DEL) Alkane: Str...	16.92	3.2	ng/ul	723997	4	17.06	4528830	20.0
1H-Cyclopropa[l]p...	17.54	5.0	ng/ul	1139130	4	17.06	4528830	20.0
1-Methyldibenzoth...	17.64	3.0	ng/ul	677297	4	17.06	4528830	20.0
Phenanthrene, 2-m...	17.93	9.4	ng/ul	2127620	4	17.06	4528830	20.0
Anthracene, 2-met...	17.99	24.1	ng/ul	5459130	4	17.06	4528830	20.0
4H-Cyclopenta[def...	18.13	24.4	ng/ul	5516020	4	17.06	4528830	20.0
1H-Indene, 2-phenyl-	18.42	2.9	ng/ul	655972	4	17.06	4528830	20.0
9,10-Bis(bromomet...	18.44	5.5	ng/ul	1245900	4	17.06	4528830	20.0