LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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-BM041918.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	7.134	646	654	663	rVB2	973560	2502408	1.67%	0.186%
2	7.645	735	741	755	rBV2	3215219	6033215	4.03%	0.447%
3	7.828	766	772	778	rVB2	2006749	3265134	2.18%	0.242%
4	8.045	804	809	817	rVV2	2430265	4921449	3.29%	0.365%
5	8.481	877	883	887	rVV	3512373	5690572	3.80%	0.422%
6	9.098	982	988	995	rVB2	1453313	2883747	1.93%	0.214%
7	9.222	1004	1009	1014	rVB	2402104	4027927	2.69%	0.299%
8	9.639	1076	1080	1086	rVV	1336129	2608464	1.74%	0.193%
9	9.710	1086	1092	1094	rVV	2076127	3600940	2.41%	0.267%
10	9.745	1094	1098	1103	rVB2	3221605	5118350	3.42%	0.380%
11	9.892	1111	1123	1130	rVB8	794393	2917308	1.95%	0.216%
12	9.998	1130	1141	1150	rVB4	938258	2796759	1.87%	0.207%
13	10.433	1203	1215	1219	rBV3	2525065	5649620	3.78%	0.419%
14	10.974	1303	1307	1314	rVB	2459217	4059570	2.71%	0.301%
15	11.374	1369	1375	1380	rVV	2077978	4027407	2.69%	0.299%
16	11.492	1388	1395	1402	rVB2	3214861	5697736	3.81%	0.422%
17	14.315	1866	1875	1881	rVB2	2135075	5576248	3.73%	0.413%
18	14.451	1892	1898	1903	rBV	2517654	4430564	2.96%	0.329%
19	14.515	1903	1909	1913	rVV2	4478609	7272737	4.86%	0.539%
20	14.568	1913	1918	1923	rVB2	1491708	2687498	1.80%	0.199%
21	14.827	1956	1962	1974	rBV2	4666938	9311464	6.22%	0.690%
22	15.086	1997	2006	2009	rBV	2144662	3278411	2.19%	0.243%
23	15.127	2009	2013	2018	rVV2	2570839	4107318	2.74%	0.305%
24	15.192	2018	2024	2030	rVB2	7857544	11450497	7.65%	0.849%
25	15.321	2042	2046	2055	rVB	1506564	3371377	2.25%	0.250%
26	15.433	2055	2065	2068	rBV2	1435129	3106313	2.08%	0.230%
27	15.515	2073	2079	2085	rVB2	7621211	12878692	8.61%	0.955%
28	15.586	2085	2091	2100	rBV	2659328	4245062	2.84%	0.315%
29	15.727	2108	2115	2119	rBV	1590452	2805728	1.87%	0.208%
30	15.780	2119	2124	2128	rVV	1665052	2400625	1.60%	0.178%
31	15.898	2136	2144	2145	rBV3	1411291	2663035	1.78%	0.197%
32	16.104	2175	2179	2184	rVV	5222535	7899793	5.28%	0.586%
33	16.162	2184	2189	2195	rVB	16635790	26031714	17.39%	1.930%
34	16.251	2200	2204	2206	rVV	1903021	2710326	1.81%	0.201%

LSC Area Percent Report

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Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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-BM041918.M
Title : SVOA CALIBRATION

35	16.280	2206	2209	2212	rVV	2462968	4126663	2.76%	0.306%
36	16.321	2212	2216	2220	rVV2	6457349	10154302	6.79%	0.753%
37	16.409	2227	2231	2233	rVV	3156705	4679567	3.13%	0.347%
38	16.445	2233	2237	2244	rVB	8168306	12066041	8.06%	0.895%
39	16.592	2256	2262	2269	rBV	8399495	16074142	10.74%	1.192%
40	16.792	2288	2296	2310	rVB3	1793948	4857978	3.25%	0.360%
41	17.145	2345	2356	2361	rBV2	6460209	12765612	8.53%	0.947%
42	17.198	2361	2365	2370	rVB2	1904675	2924230	1.95%	0.217%
43	17.298	2375	2382	2386	rVB3	2371052	4665655	3.12%	0.346%
44	17.368	2386	2394	2397	rBV2	2584932	5778729	3.86%	0.428%
45	17.409	2397	2401	2404	rVB2	1916852	2489716	1.66%	0.185%
46	17.562	2422	2427	2439	rVV3	2813623	7884554	5.27%	0.585%
47	17.668	2439	2445	2462	rVB	10799680	17477938	11.68%	1.296%
48	17.850	2469	2476	2477	rBV	2907881	4114628	2.75%	0.305%
49	17.915	2477	2487	2491	rVV2	57309698	146307749	97.76%	10.849%
50	17.950	2491	2493	2495	rVV2	5334681	6382168	4.26%	0.473%
51	17.992	2495	2500	2505	rVB	26546753	39033045	26.08%	2.894%
52	18.345	2556	2560	2566	rBV	3250627	4370652	2.92%	0.324%
53	18.415	2567	2572	2581	rVB2	1882856	3466330	2.32%	0.257%
54	18.550	2590	2595	2603	rVB	1500571	2864474	1.91%	0.212%
55	18.703	2611	2621	2625	rBV	14975194	23121047	15.45%	1.714%
56	18.750	2625	2629	2635	rVB	17969467	24259707	16.21%	1.799%
57	18.833	2635	2643	2648	rBV	6197797	9637441	6.44%	0.715%
58	18.903	2648	2655	2667	rVB2	26780410	55651970	37.19%	4.127%
59	19.180	2696	2702	2707	rBV	12709826	16656404	11.13%	1.235%
60	19.415	2737	2742	2746	rBV	2238269	2843199	1.90%	0.211%
61	19.586	2765	2771	2775	rBV	3410835	6347260	4.24%	0.471%
62	19.650	2776	2782	2791	rVB3	2700822	6806585	4.55%	0.505%
63	19.733	2791	2796	2804	rBV4	1224323	3515099	2.35%	0.261%
64	19.880	2810	2821	2825	rBV2	55980719	139085909	92.94%	10.313%
65	20.092	2852	2857	2866	rVB	4224275	7429740	4.96%	0.551%
66	20.233	2866	2881	2885	rBV4	52050318	149655507	100.00%	11.097%
67	20.268	2885	2887	2891	rVB	4314280	4387880	2.93%	0.325%
68	20.374	2900	2905	2910	rVB	6815299	8401451	5.61%	0.623%
69	20.509	2922	2928	2935	rBV4	5252764	12500447	8.35%	0.927%
70	20.686	2953	2958	2962	rVB	17012443	23210582	15.51%	1.721%
71	20.780	2968	2974	2978	rBV	18445383	26406171	17.64%	1.958%

LSC Area Percent Report

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Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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-BM041918.M
Title : SVOA CALIBRATION

72	20.839	2978	2984	2987	rVV2	5238614	9005184	6.02%	0.668%
73	20.974	3003	3007	3011	rBV	2506532	3571032	2.39%	0.265%
74	21.021	3011	3015	3017	rBV2	2155225	2799395	1.87%	0.208%
75	21.186	3039	3043	3050	rBV3	2299217	3695620	2.47%	0.274%
76	21.362	3069	3073	3078	rBV	5391568	7292141	4.87%	0.541%
77	21.574	3104	3109	3112	rVV	7069144	10159551	6.79%	0.753%
78	21.609	3112	3115	3119	rVV	6187881	7798851	5.21%	0.578%
79	21.650	3119	3122	3126	rVV2	5656676	7942051	5.31%	0.589%
80	21.686	3126	3128	3141	rVB3	1764816	2943739	1.97%	0.218%
81	21.791	3141	3146	3155	rBV	23842137	31723886	21.20%	2.352%
82	21.921	3160	3168	3173	rVV2	32622282	59416554	39.70%	4.406%
83	21.980	3173	3178	3186	rVB	26823294	40205231	26.87%	2.981%
84	22.103	3194	3199	3204	rBV	5994959	8767597	5.86%	0.650%
85	22.262	3221	3226	3232	rBV	2839919	4549745	3.04%	0.337%
86	22.521	3264	3270	3274	rVV	3337587	6099379	4.08%	0.452%
87	22.580	3277	3280	3287	rVB	1902565	2985541	1.99%	0.221%
88	22.697	3295	3300	3304	rVV2	2218079	3473294	2.32%	0.258%
89	22.750	3304	3309	3312	rVV4	3113892	5762076	3.85%	0.427%
90	22.785	3312	3315	3320	rVV	2991595	4418472	2.95%	0.328%
91	22.844	3321	3325	3332	rVB2	1776605	2818201	1.88%	0.209%
92	23.674	3457	3466	3471	rBV	12037973	33193771	22.18%	2.461%
93	23.856	3491	3497	3509	rVB2	2918683	5964385	3.99%	0.442%
94	24.209	3550	3557	3562	rBV	6255348	13445315	8.98%	0.997%
95	24.268	3562	3567	3571	rVV	4377564	9302024	6.22%	0.690%
96	24.321	3571	3576	3584	rVV	10262272	20108494	13.44%	1.491%
97	24.427	3588	3594	3598	rVV	2421449	4963054	3.32%	0.368%
98	24.479	3598	3603	3611	rVB	2764201	5834021	3.90%	0.433%
99	27.009	4023	4033	4045	rVB	3184846	9840052	6.58%	0.730%
100	27.809	4161	4169	4190	rVB	1699816	6137073	4.10%	0.455%

Sum of corrected areas: 1348644309

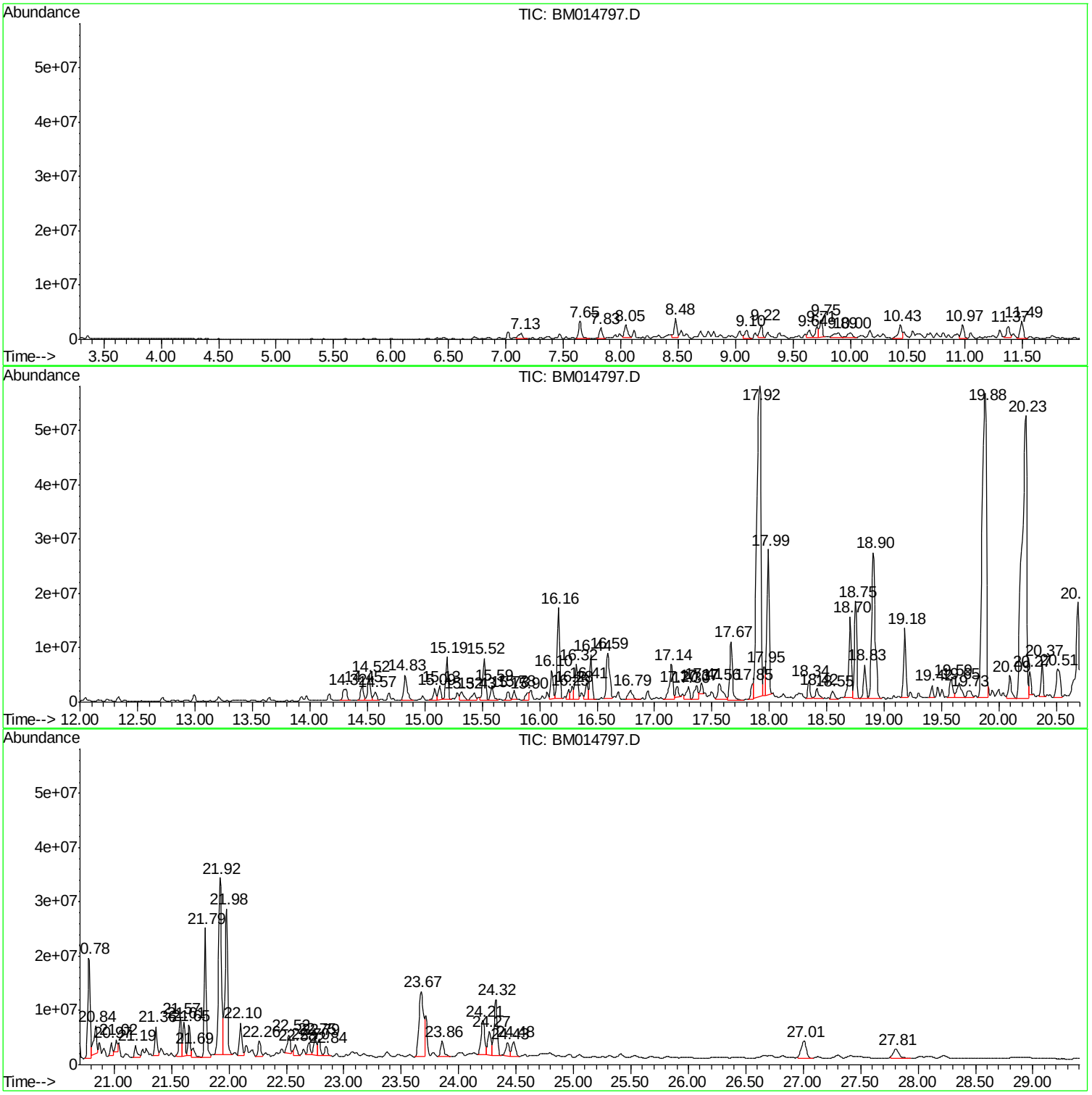
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

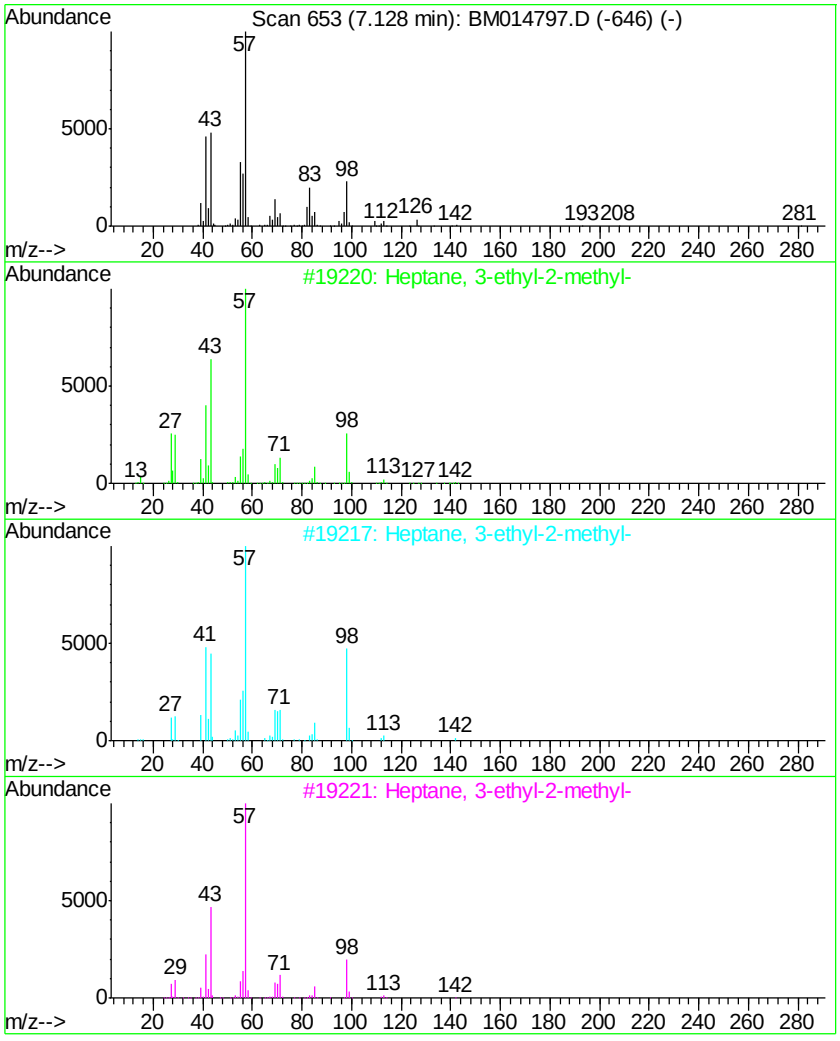
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

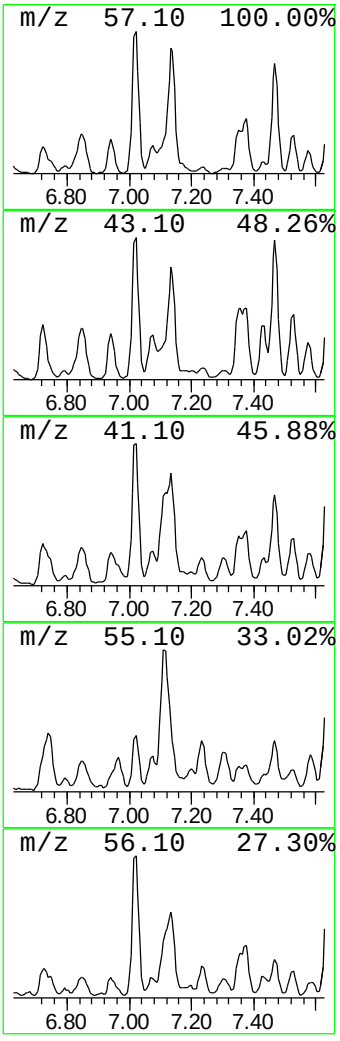
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	8.79 ng/ul	2502410	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	56
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

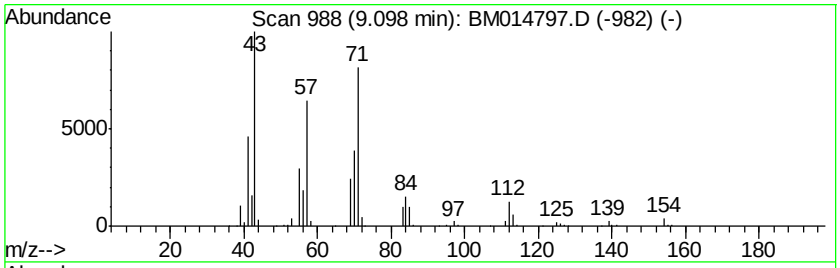
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

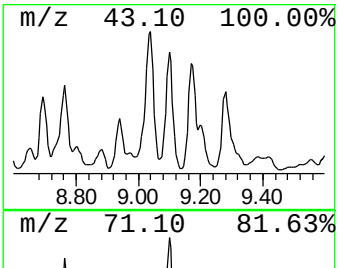
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	10.14 ng/ul	2883750	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	78
3	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	78
4	Decane, 4-methyl-	156	C11H24	002847-72-5	74
5	Sulfurous acid, isobutyl 2-penty...	208	C9H20O3S	1000309-15-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

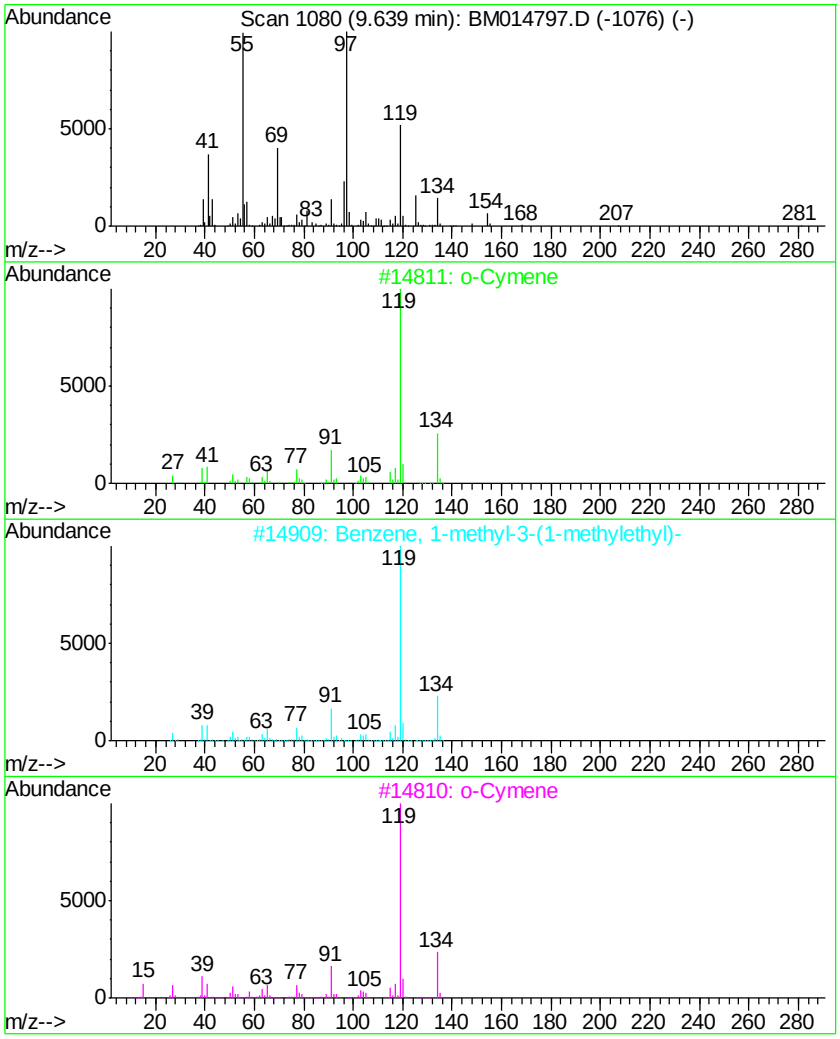
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

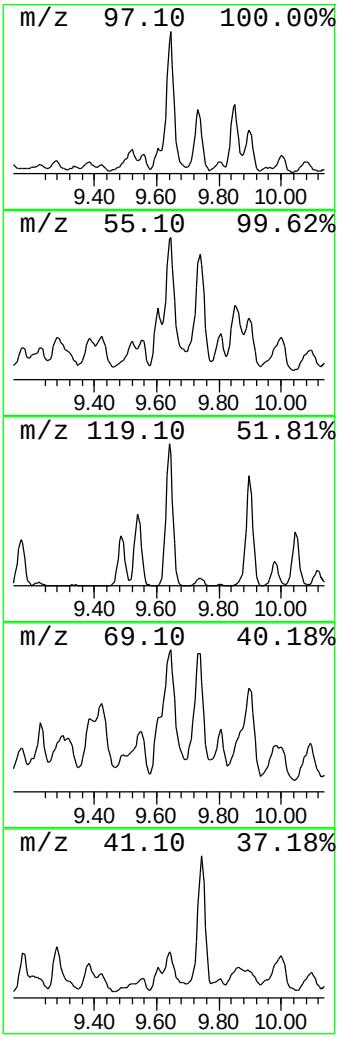
****

Peak Number 3 o-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	9.17 ng/ul	2608460	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	47
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	35





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

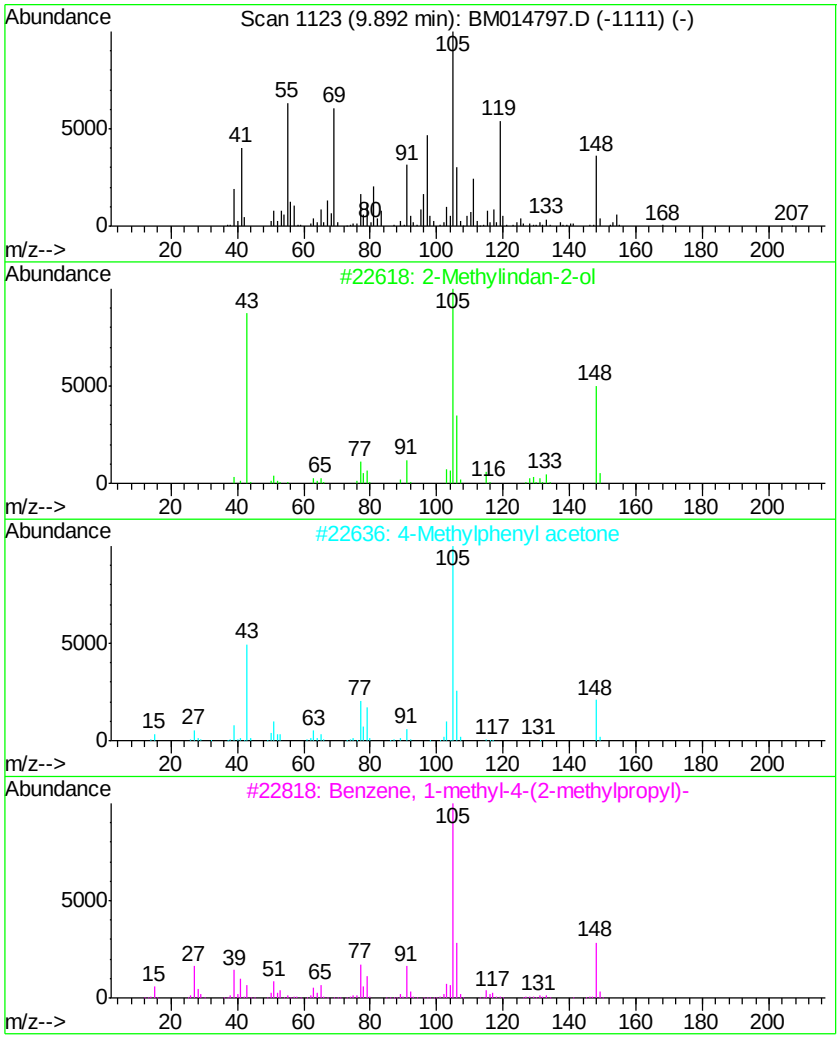
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

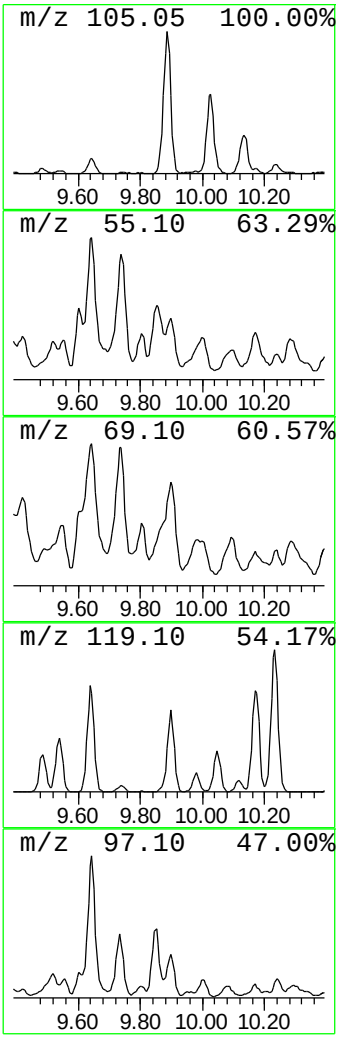
****

Peak Number 4 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	10.25 ng/ul	2917310	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	42
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	42
4	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	25
5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	25





Library Search Compound Report

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Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

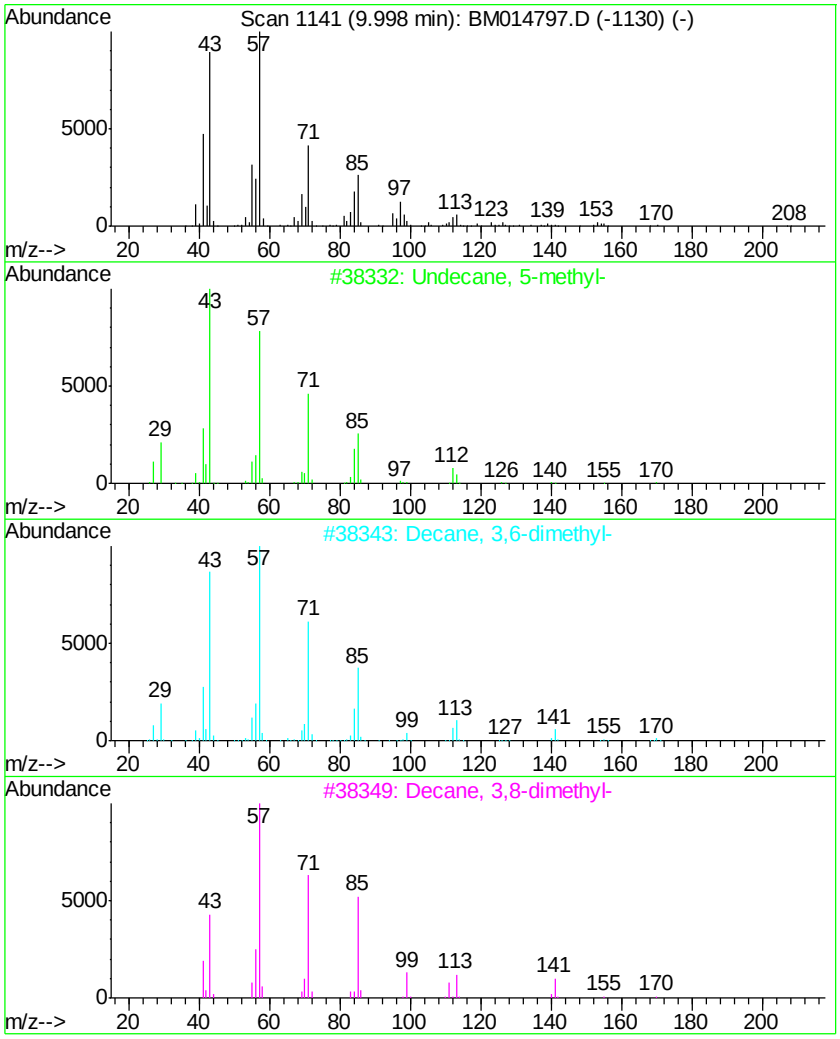
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

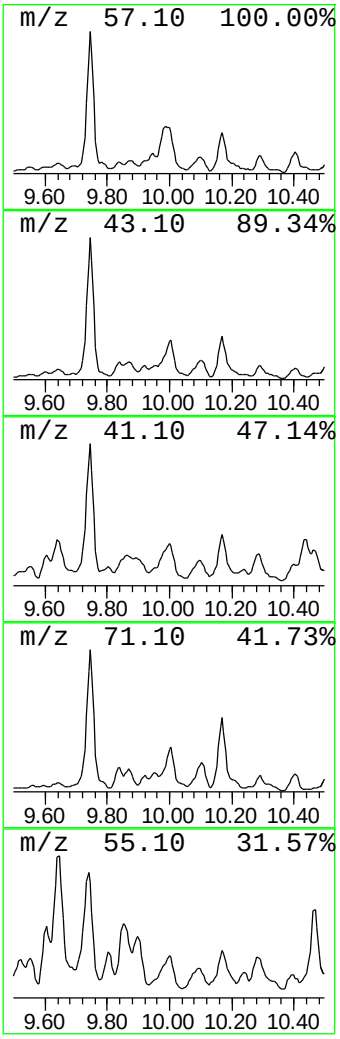
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.89 ng/ul	2796760	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59





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Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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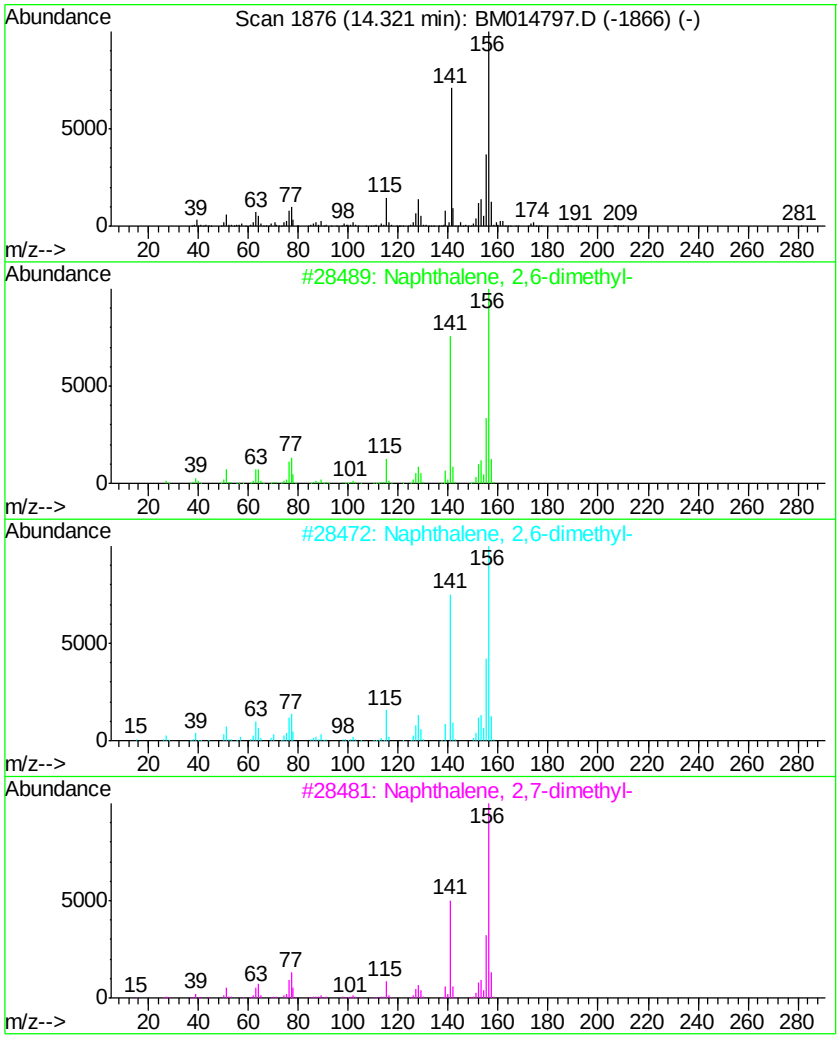
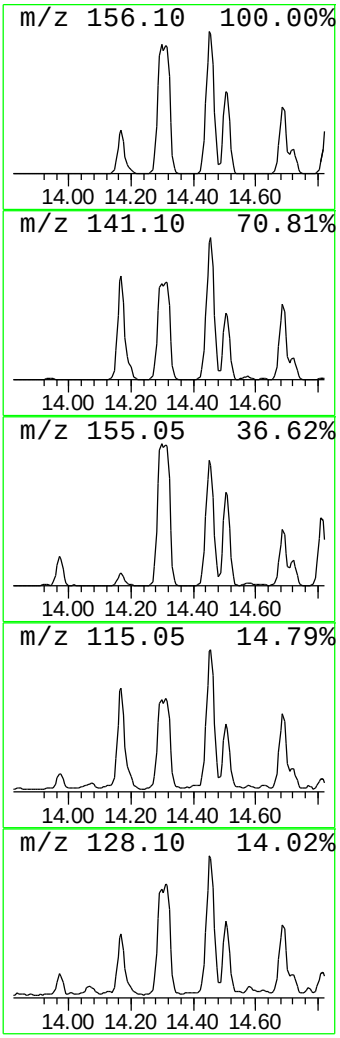
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	27.15 ng/ul	5576250	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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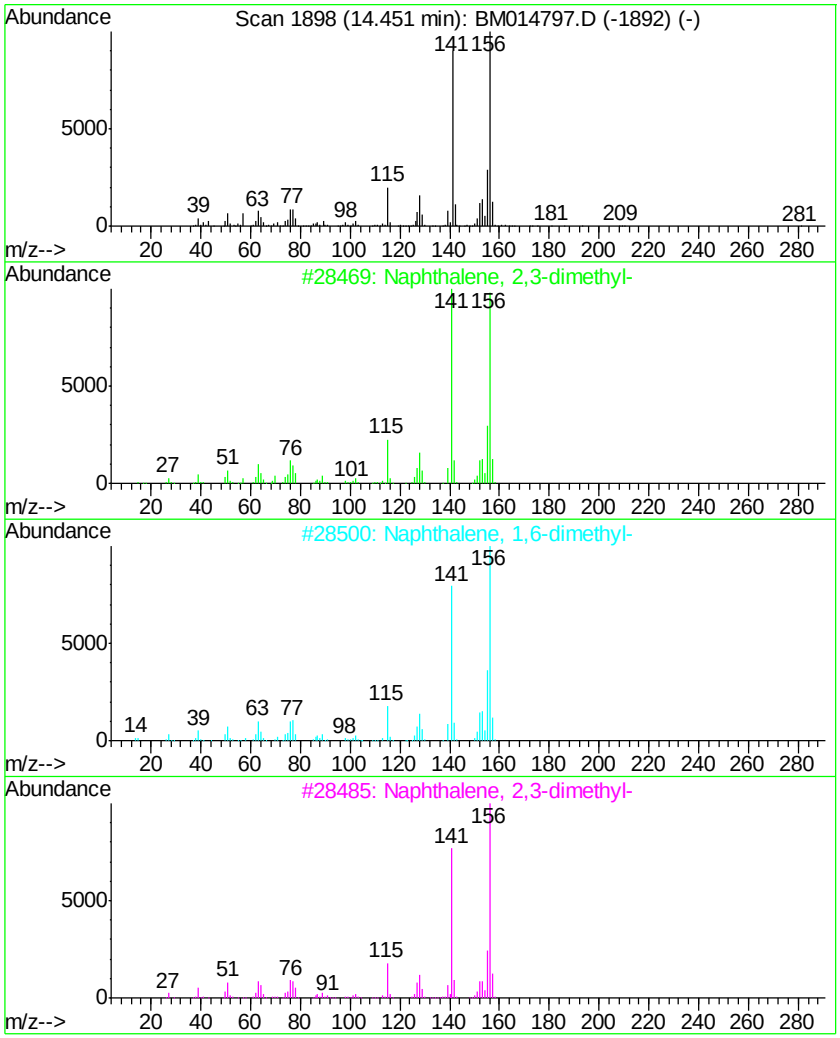
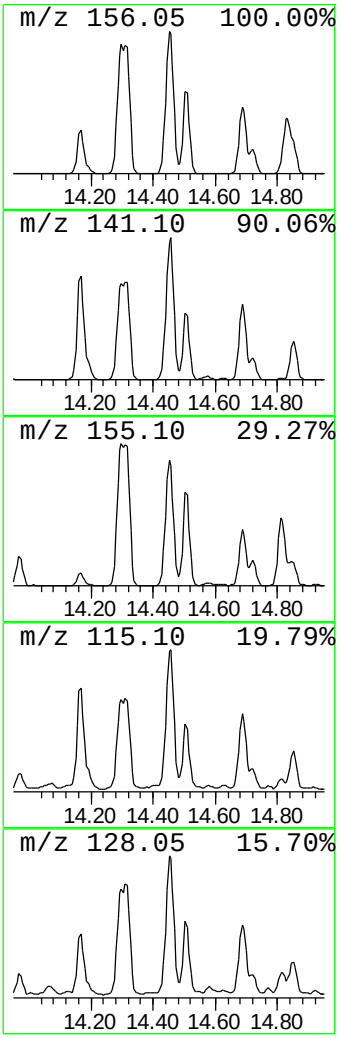
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	21.57 ng/ul	4430560	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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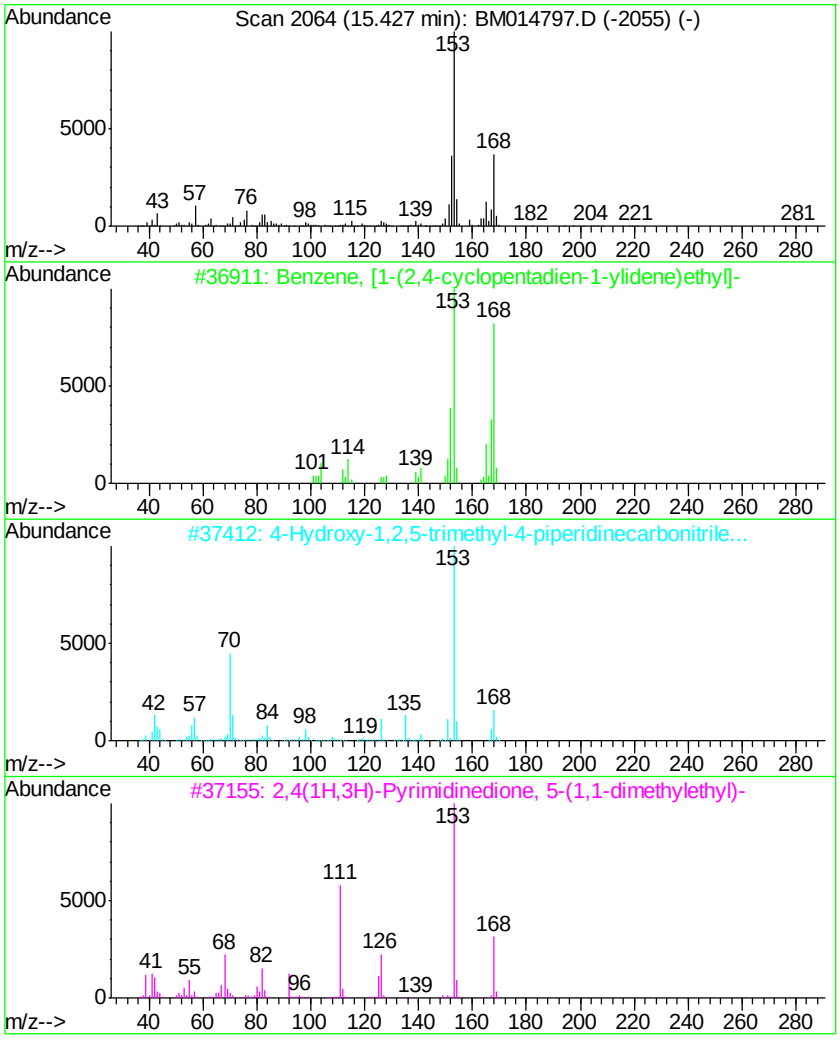
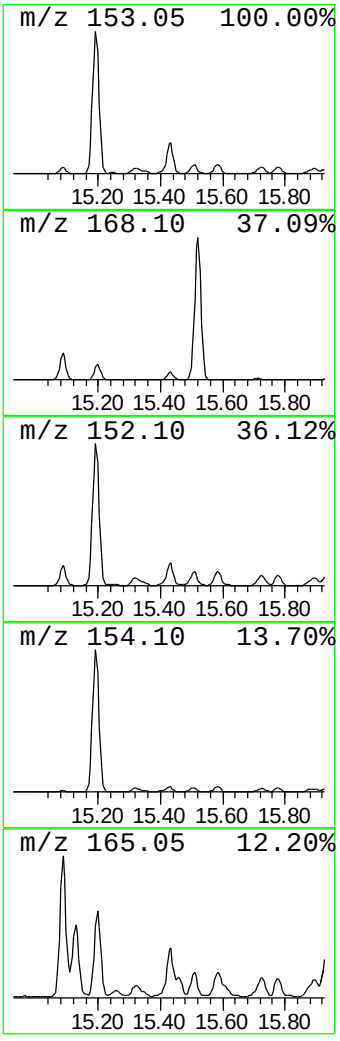
Peak Number 8 Benzene, [1-(2,4-cyclopenta... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	15.13 ng/ul	3106310	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
2	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	59
3	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
4	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50





Library Search Compound Report

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Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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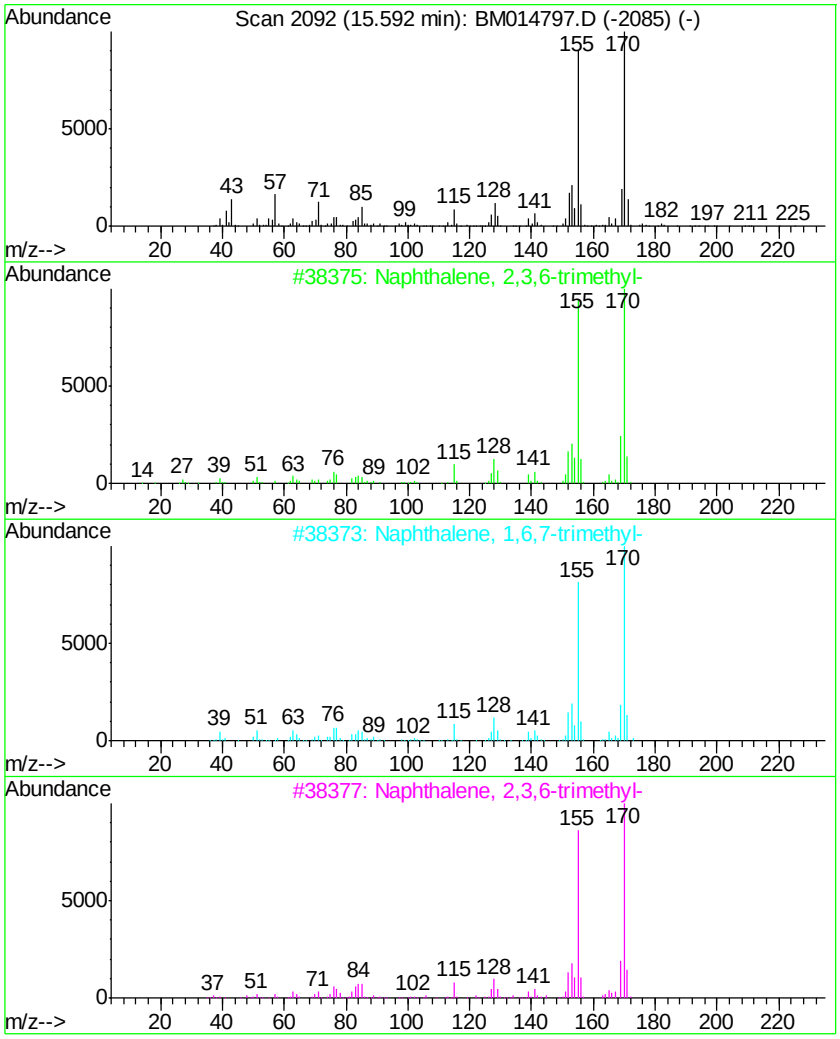
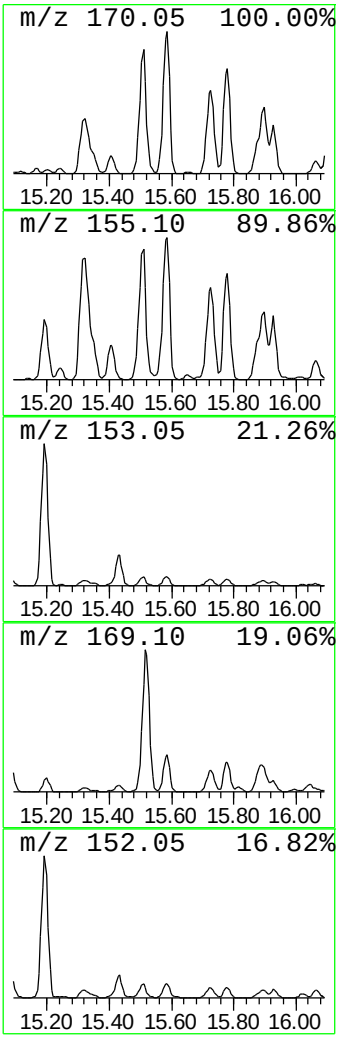
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	20.67 ng/ul	4245060	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





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Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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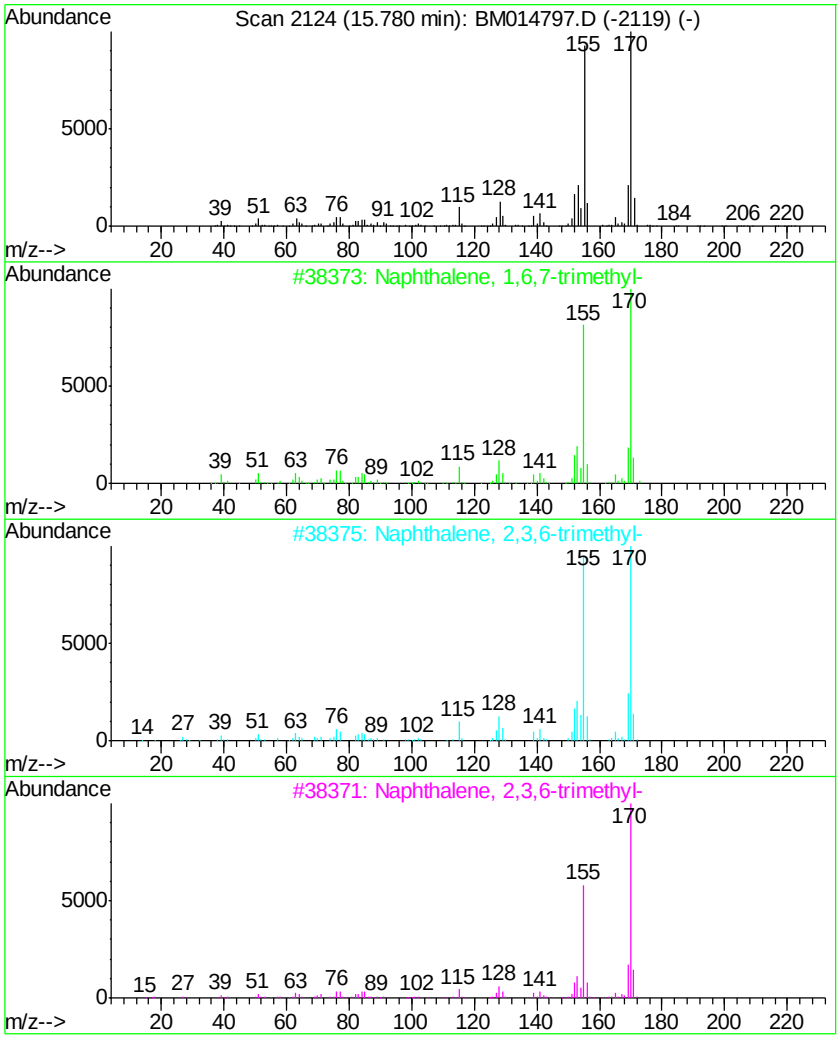
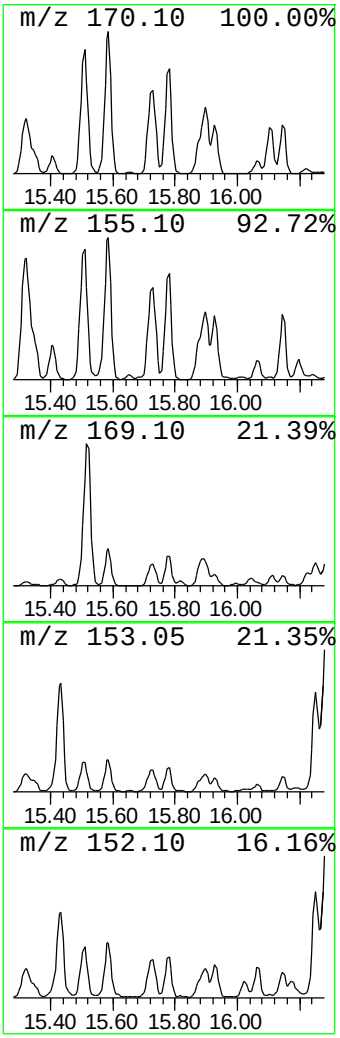
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	11.69 ng/ul	2400630	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Acq On : 24 Apr 2018 03:53
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Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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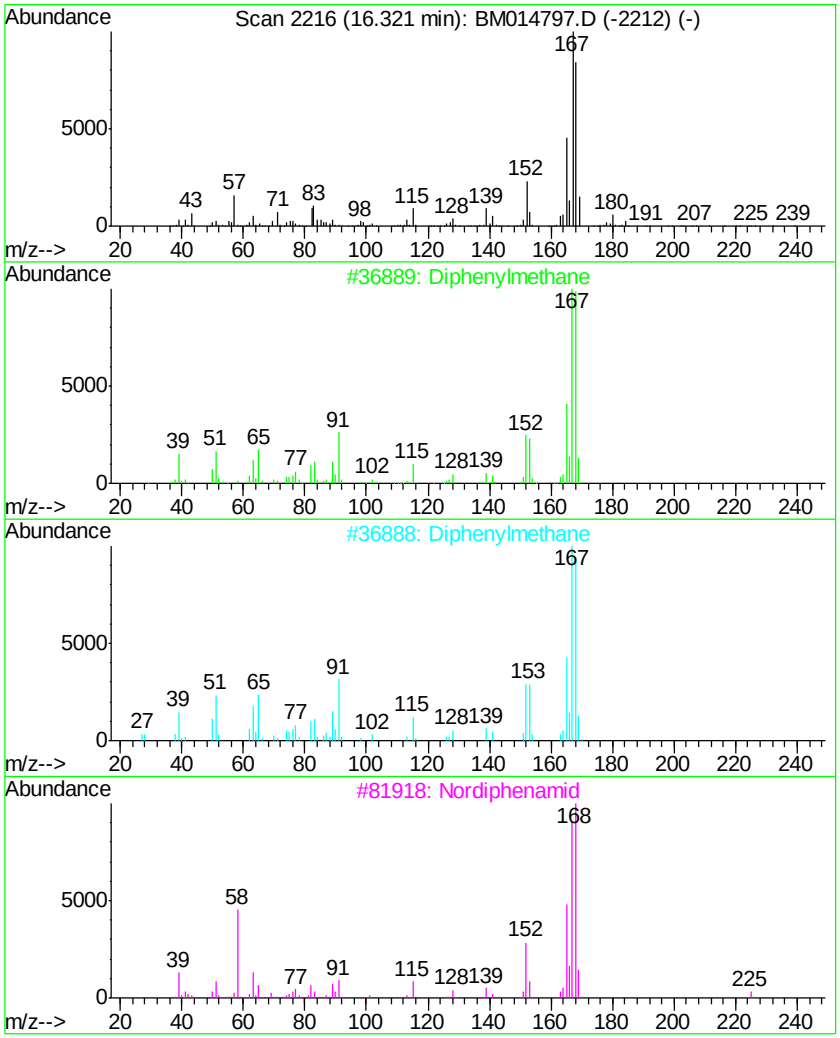
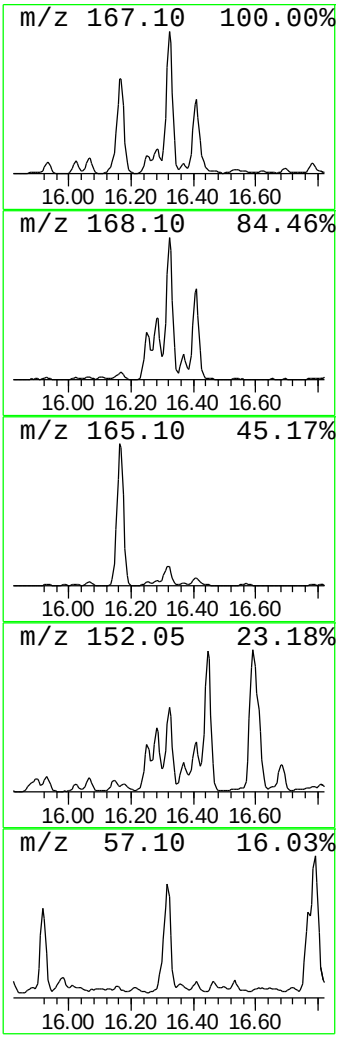
Peak Number 14 Diphenylmethane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	49.44 ng/ul	10154300	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Diphenylmethane	168	C13H12	000101-81-5	90
3	Nordiphenamid	225	C15H15NO	000954-21-2	90
4	Diphenylmethane	168	C13H12	000101-81-5	74
5	Diphenylmethane	168	C13H12	000101-81-5	74





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Misc :
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Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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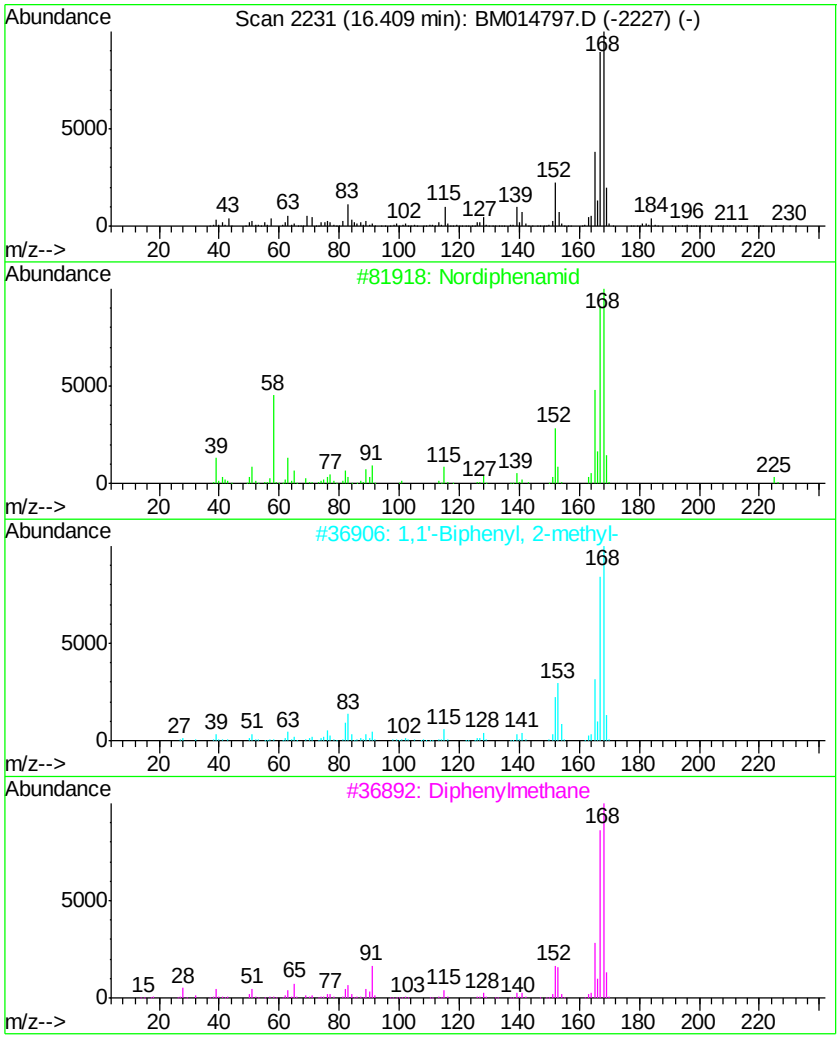
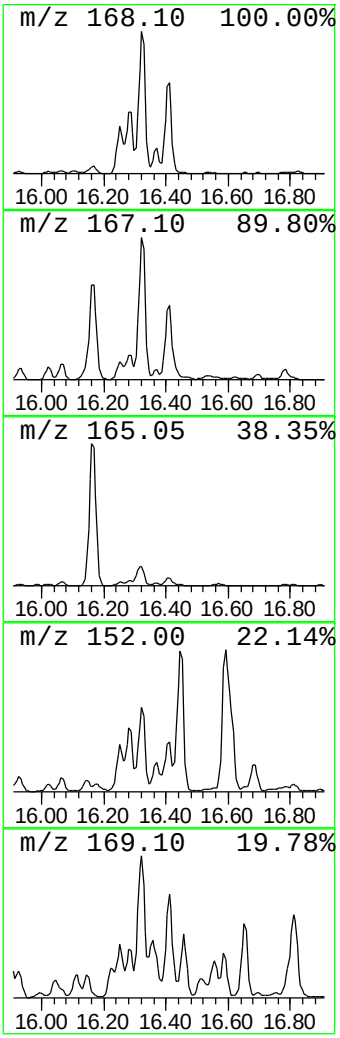
Peak Number 15 Nordiphenamid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	22.79 ng/ul	4679570	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	86
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3	Diphenylmethane	168	C13H12	000101-81-5	74
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74





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Quant Title : SVOA CALIBRATION

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

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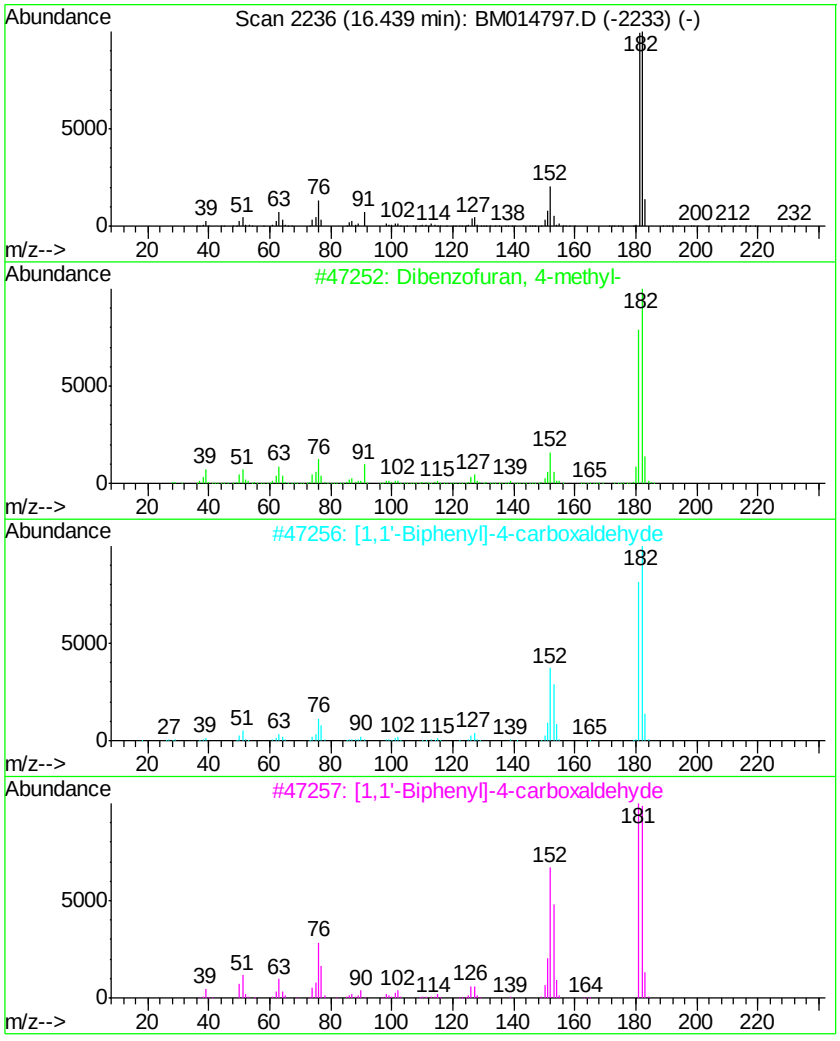
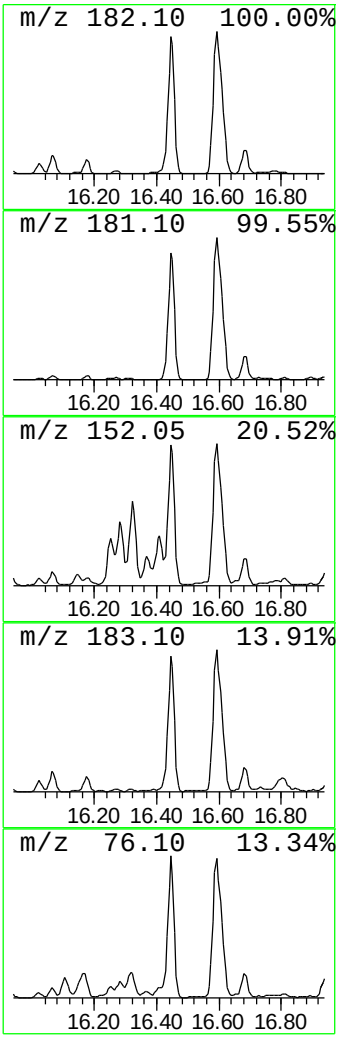
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	58.75 ng/ul	12066000	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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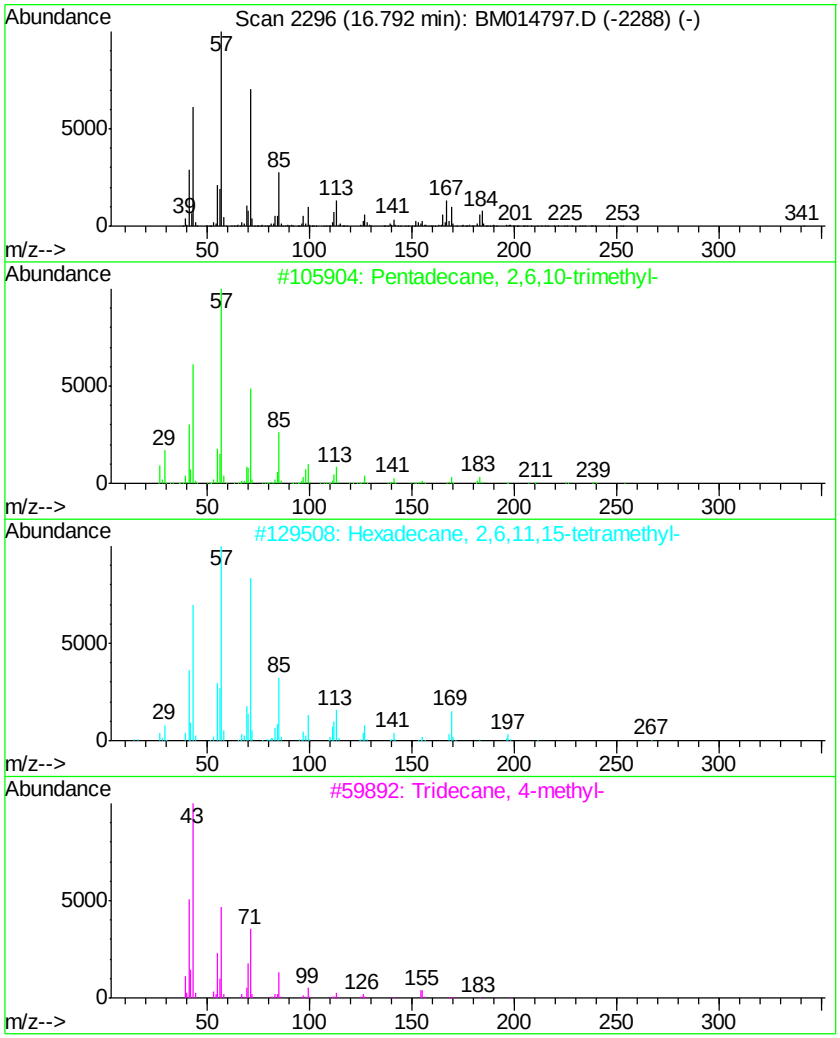
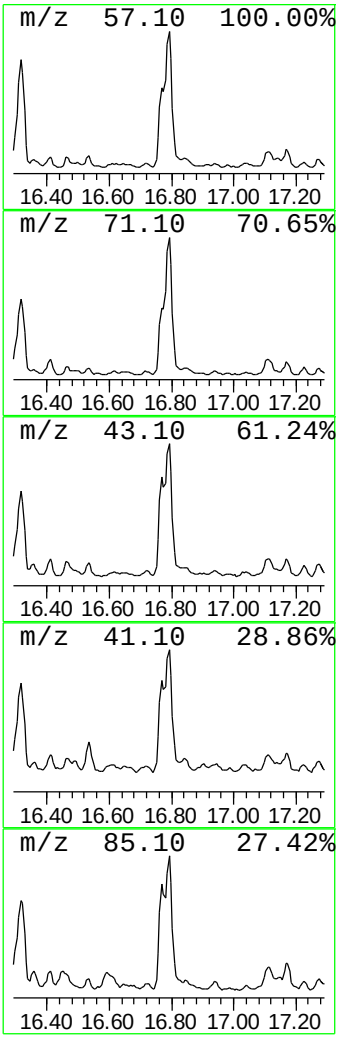
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	23.61 ng/ul	4857980	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	64





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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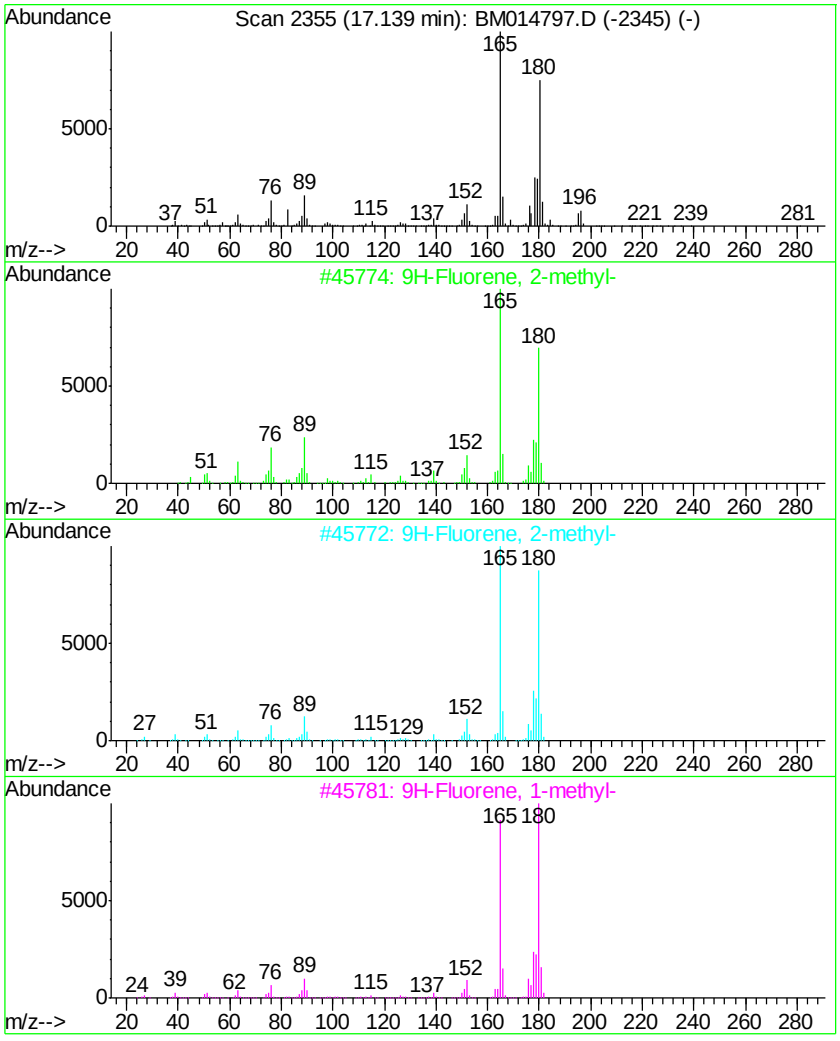
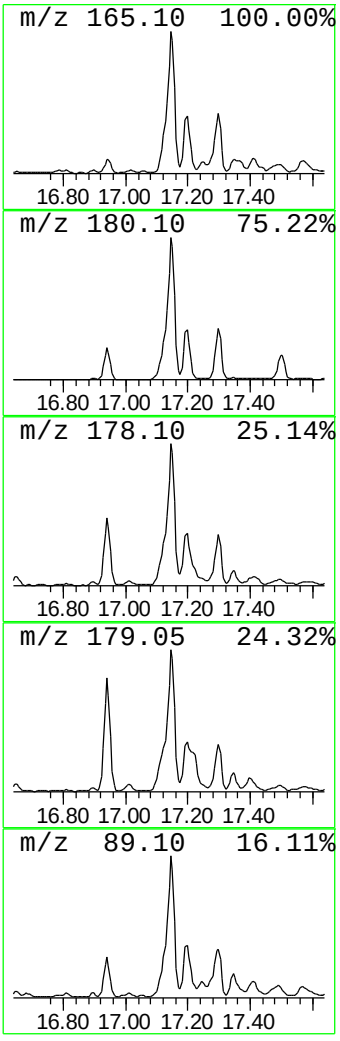
Peak Number 19 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	62.05 ng/ul	12765600	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95





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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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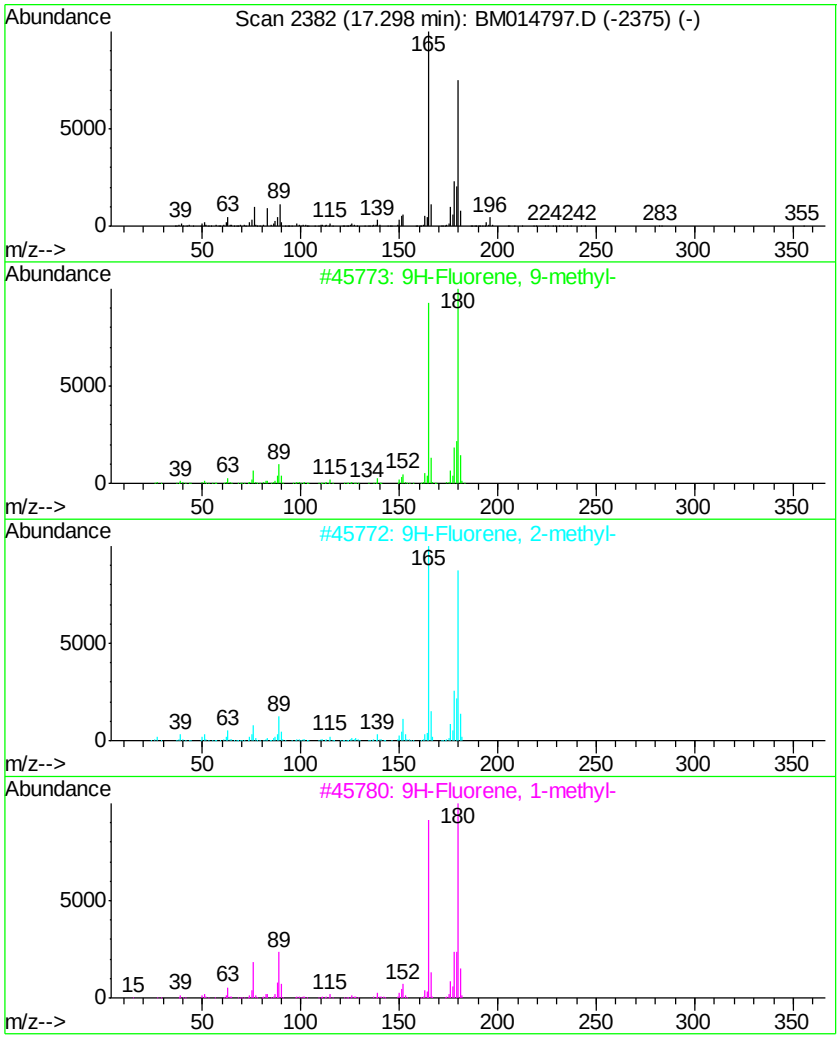
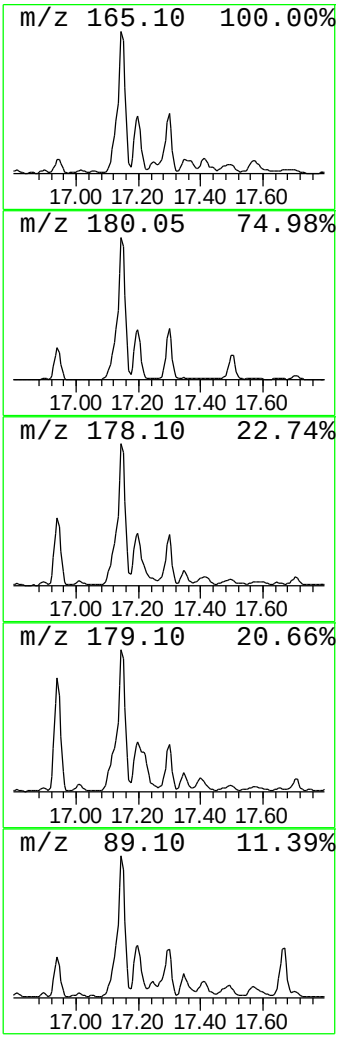
Peak Number 21 9H-Fluorene, 9-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	22.68 ng/ul	4665660	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81





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Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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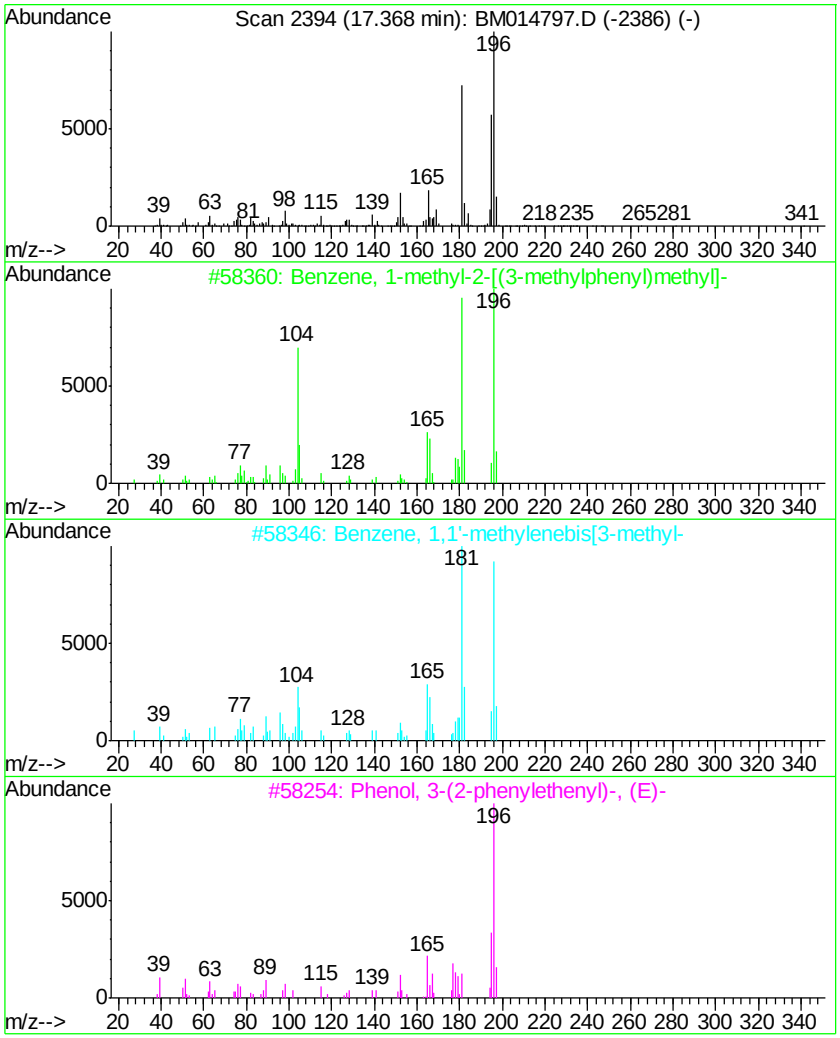
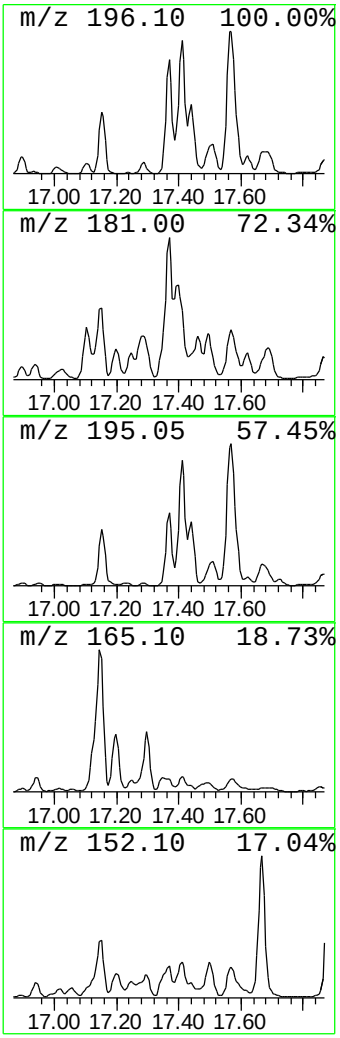
Peak Number 22 Benzene, 1-methyl-2-[(3-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	28.09 ng/ul	5778730	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	64
2	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	52
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	52
4	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	49
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49





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Sample : J2431-13
Misc :
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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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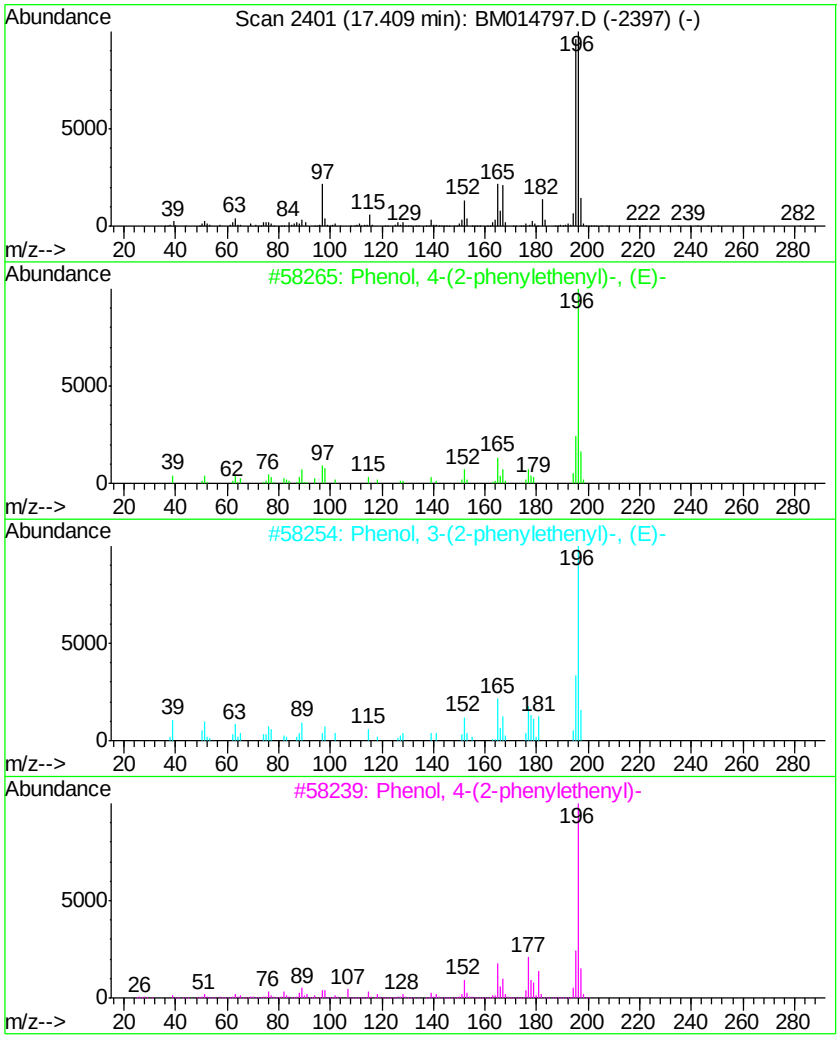
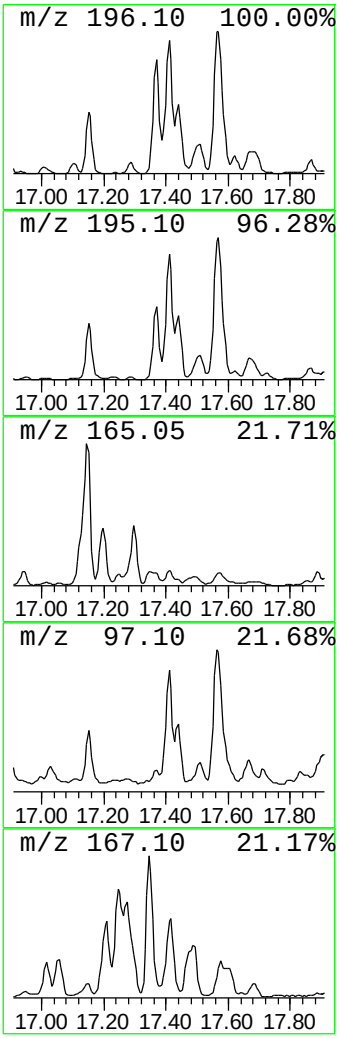
Peak Number 23 Phenol, 4-(2-phenylethenyl)... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	12.10 ng/ul	2489720	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
2	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47





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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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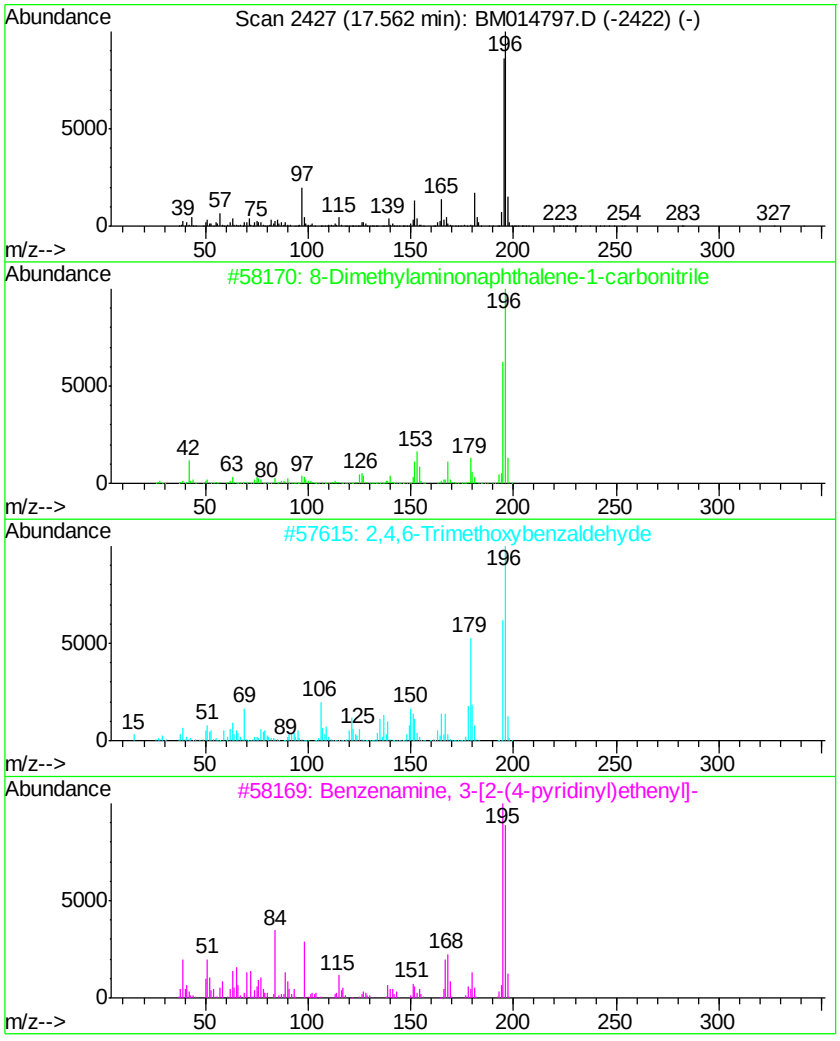
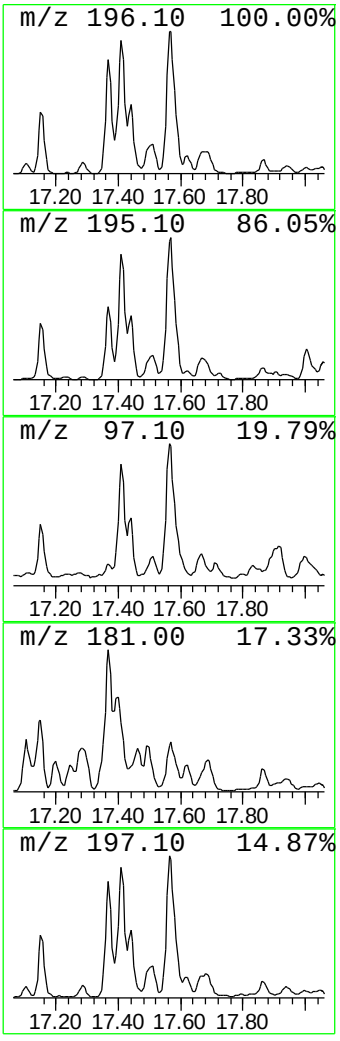
Peak Number 24 8-Dimethylaminonaphthalene-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	38.32 ng/ul	7884550	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	64
3	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	59
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50





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Quant Title : SVOA CALIBRATION

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

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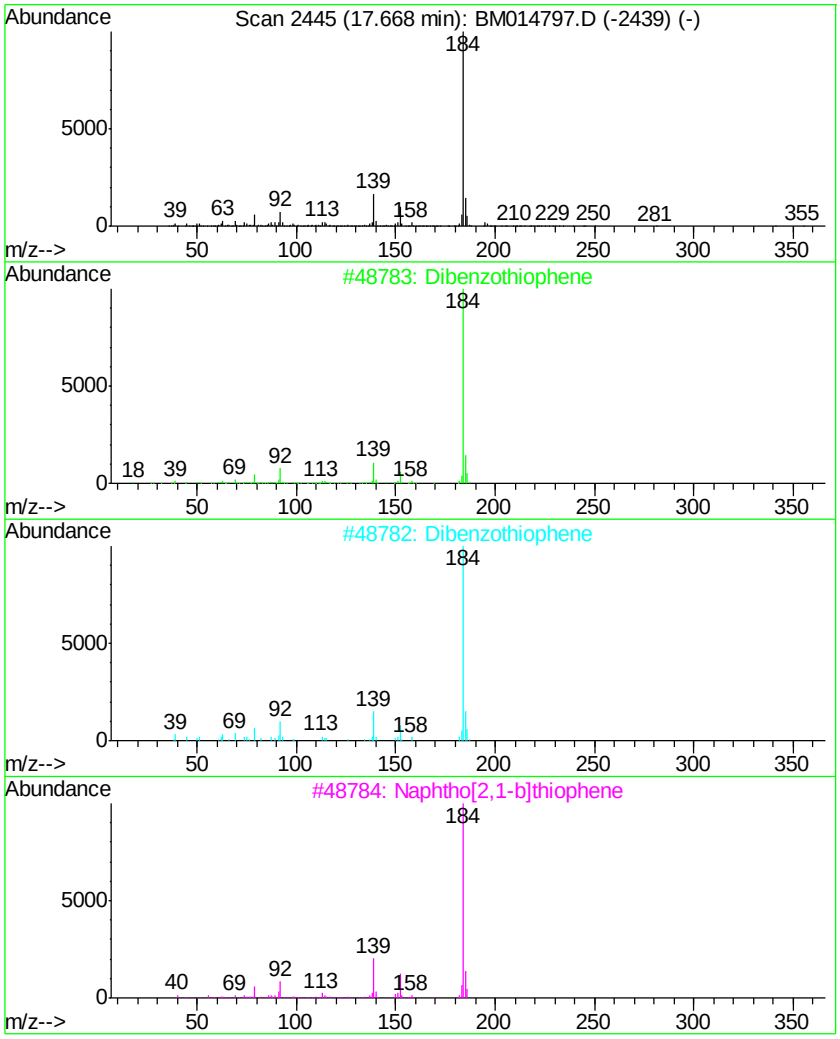
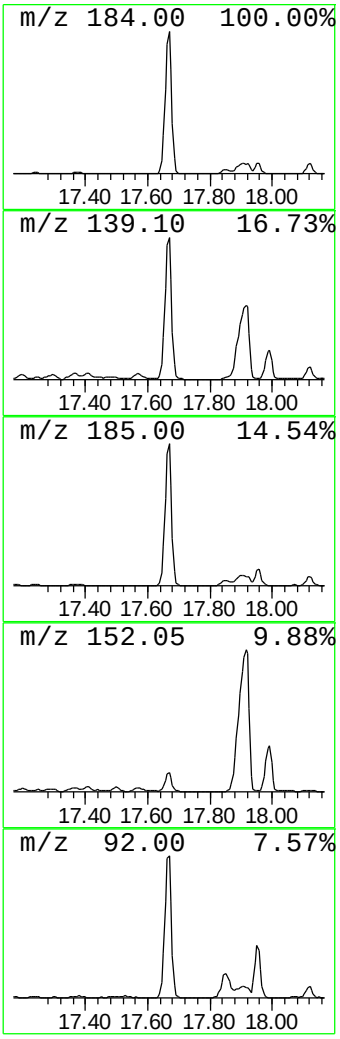
Peak Number 25 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	84.96 ng/ul	17477900	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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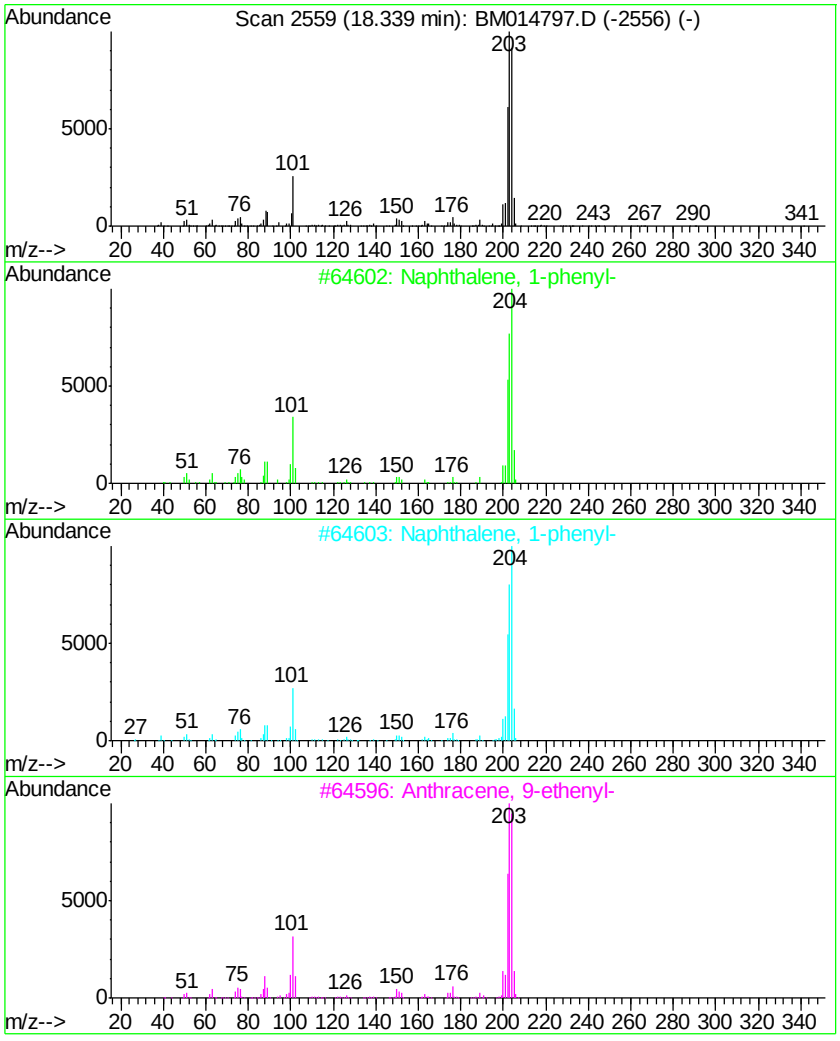
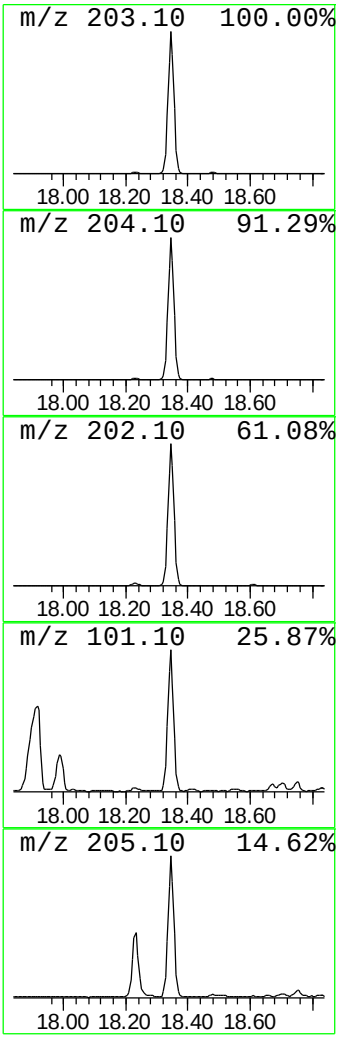
Peak Number 26 Naphthalene, 1-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	21.24 ng/ul	4370650	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Quant Title : SVOA CALIBRATION

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

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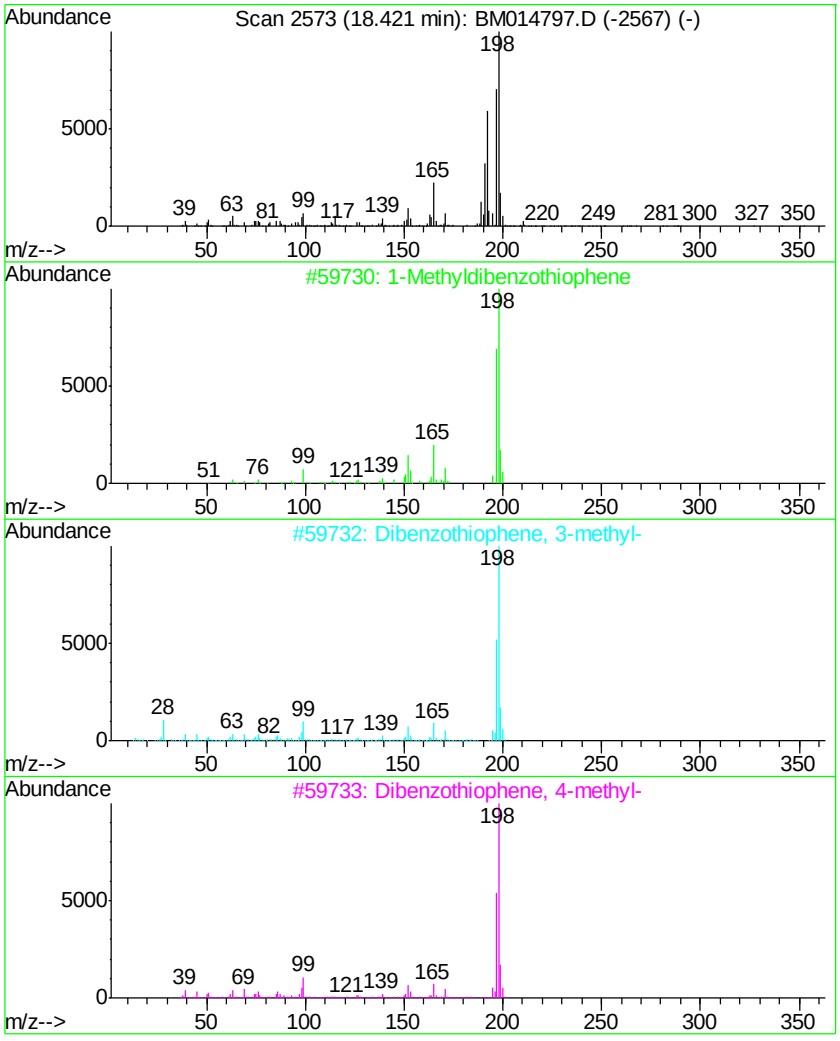
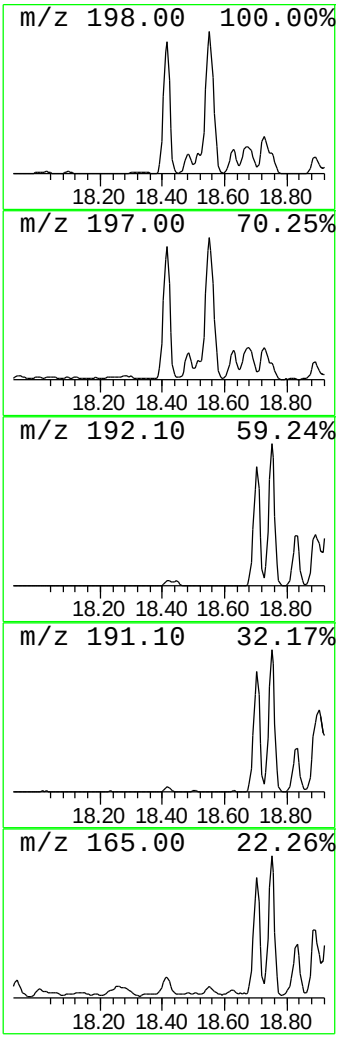
Peak Number 27 1-Methyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	16.85 ng/ul	3466330	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	49
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	43
5	Tacrine	198	C13H14N2	000321-64-2	43





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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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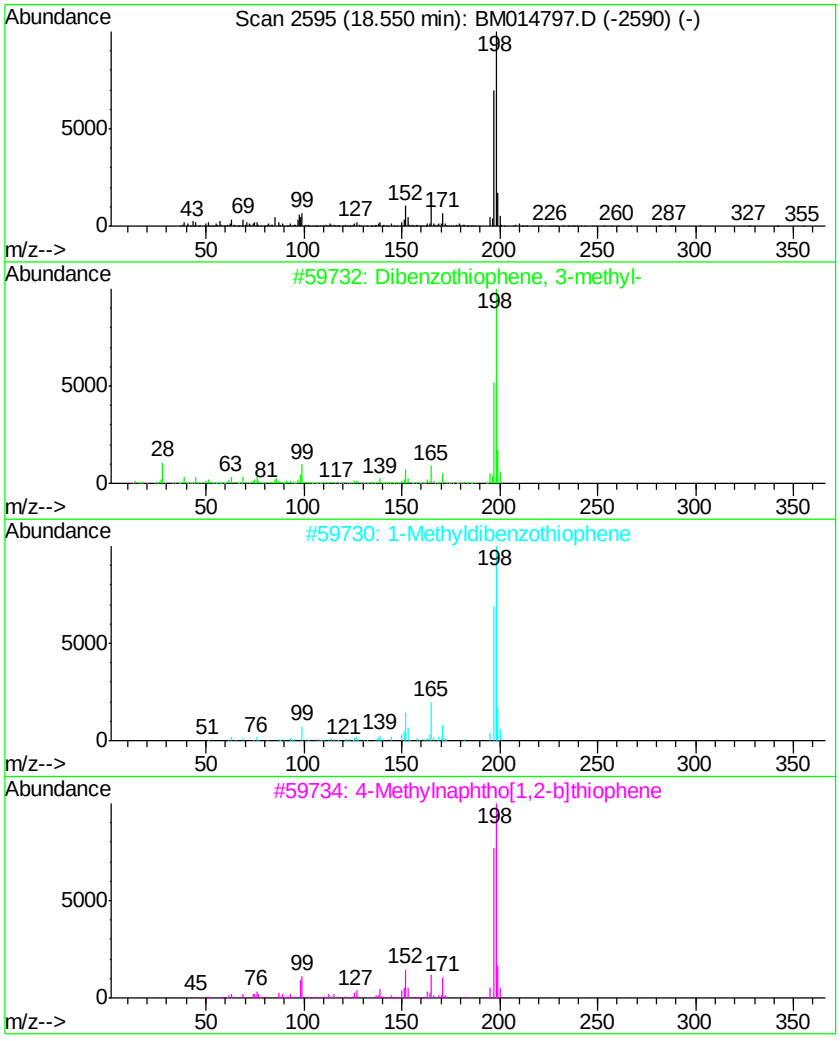
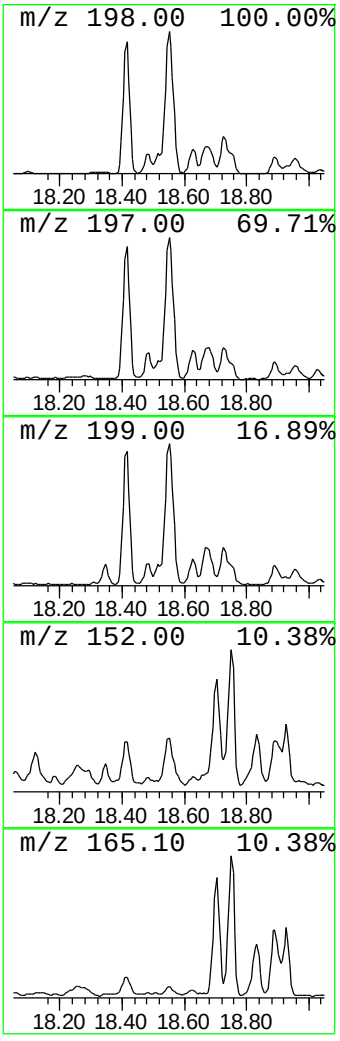
Peak Number 28 Dibenzothiophene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	13.92 ng/ul	2864470	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
5	O,O,O-Triethyl thiophosphate	198	C6H15O3PS	000126-68-1	83





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Misc :
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Instrument : BNA_M
ClientSampleId : DASP4

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Quant Title : SVOA CALIBRATION

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

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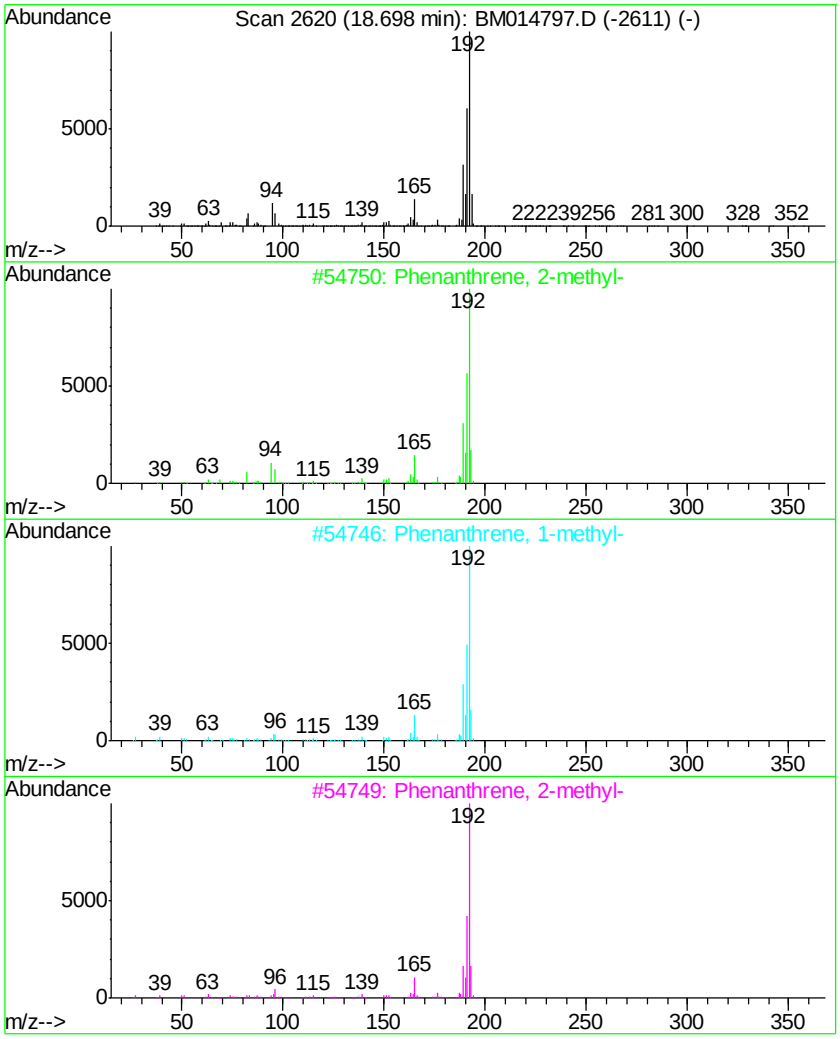
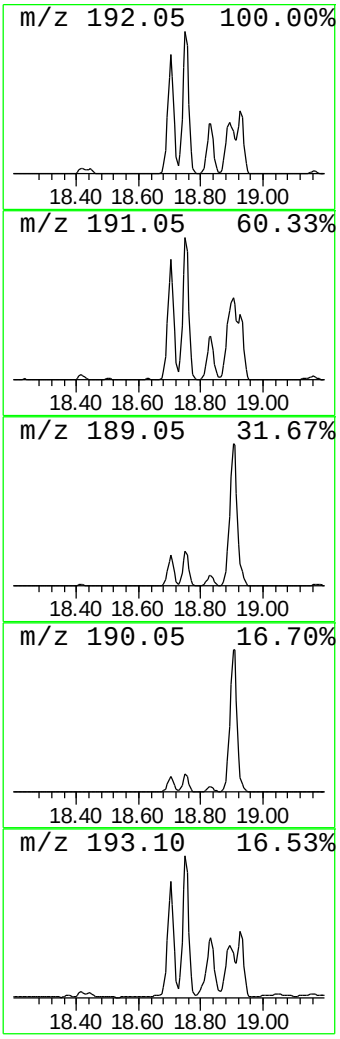
Peak Number 29 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	112.39 ng/ul	23121000	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Quant Title : SVOA CALIBRATION

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

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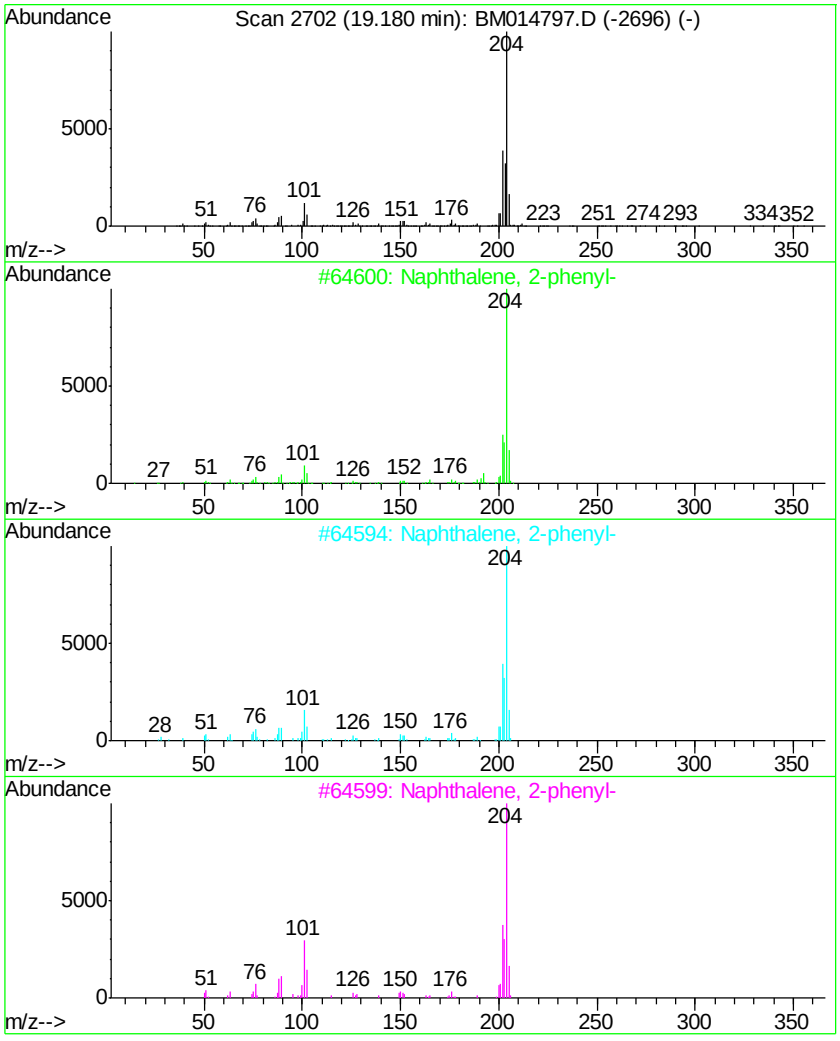
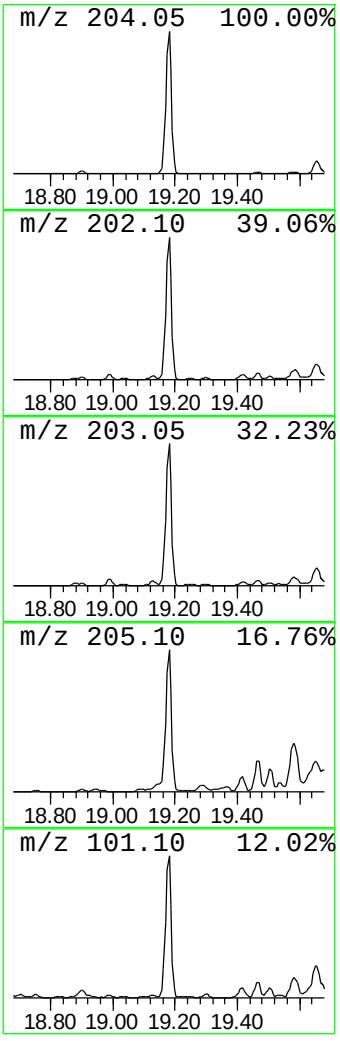
Peak Number 33 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	80.96 ng/ul	16656400	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





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Quant Title : SVOA CALIBRATION

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

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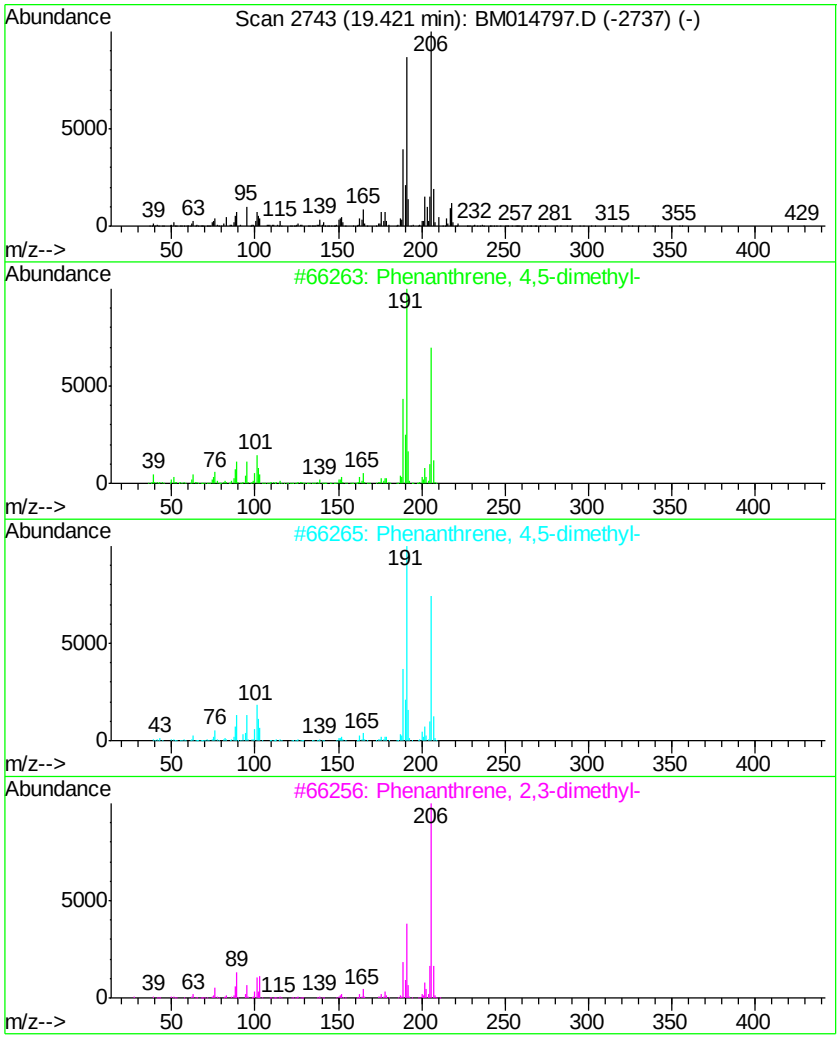
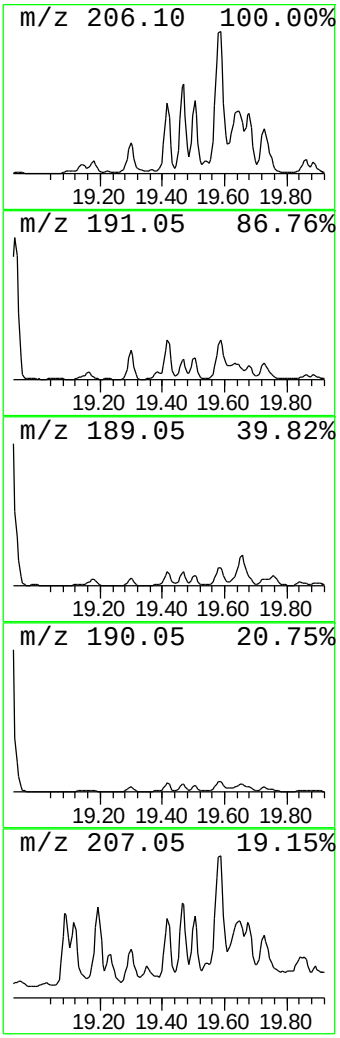
Peak Number 34 Phenanthrene, 4,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	13.82 ng/ul	2843200	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91





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Quant Title : SVOA CALIBRATION

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

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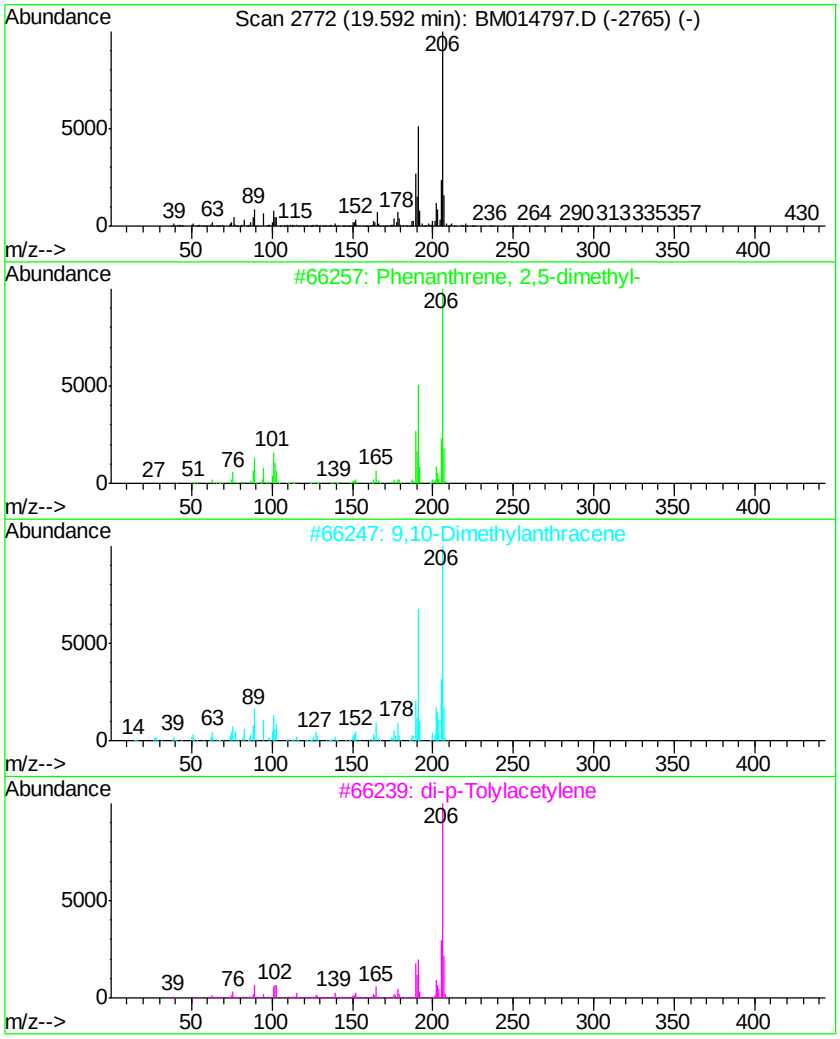
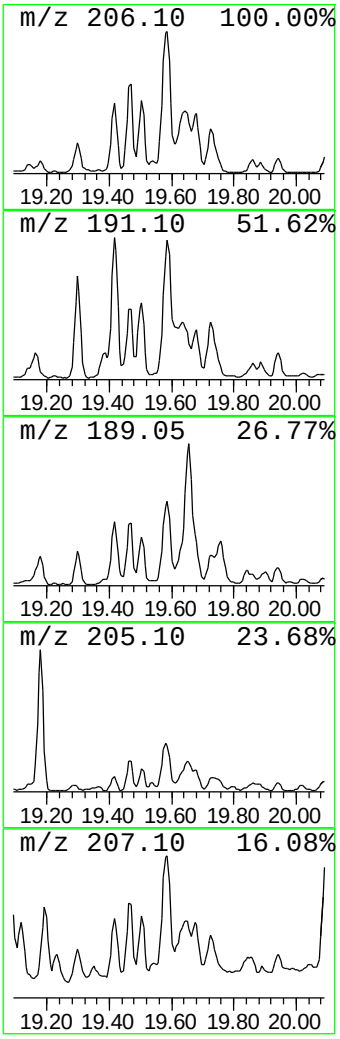
Peak Number 35 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	30.85 ng/ul	6347260	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Quant Title : SVOA CALIBRATION

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

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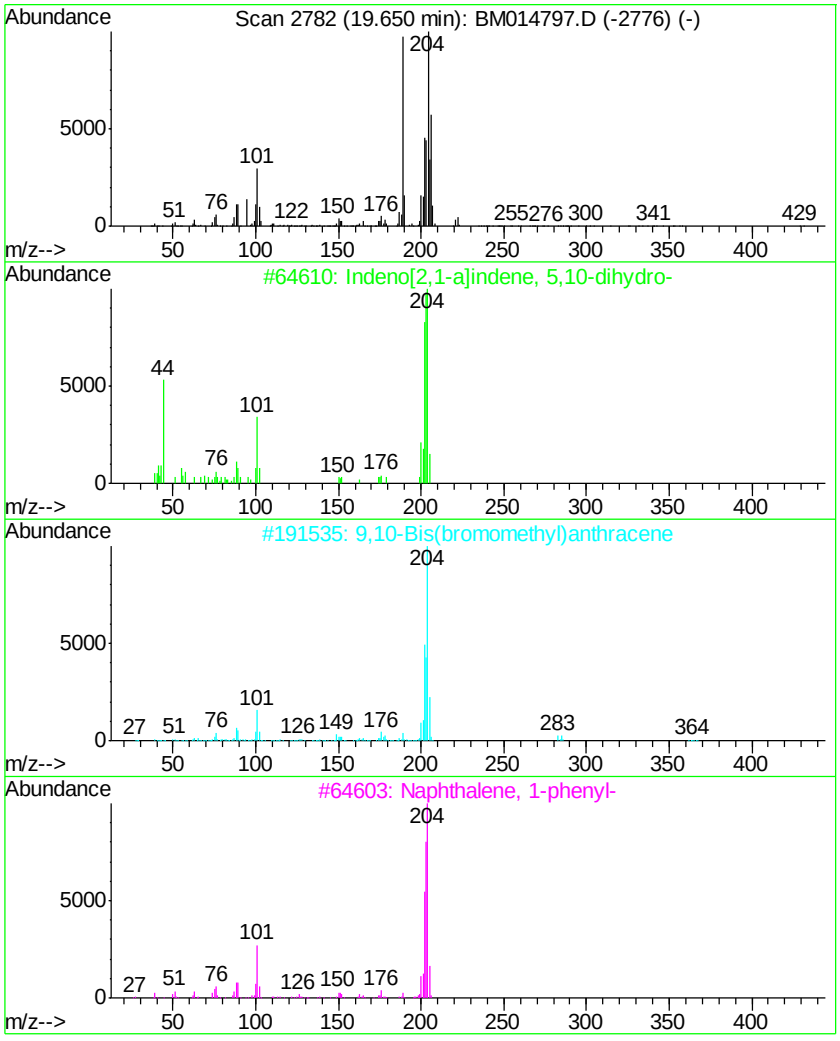
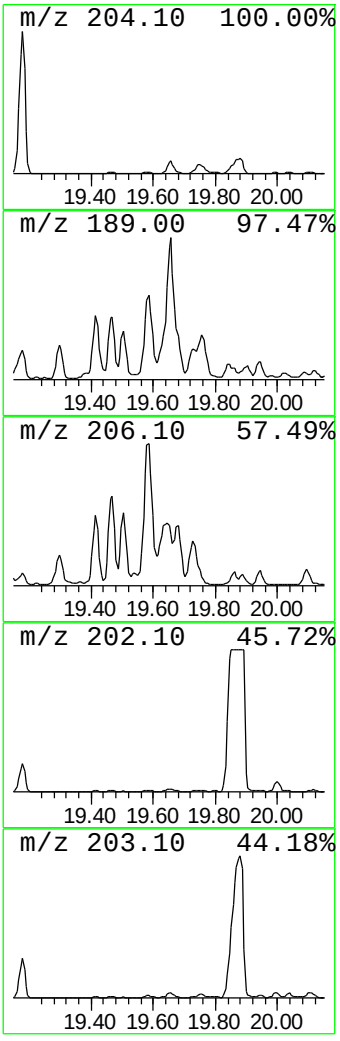
Peak Number 36 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	33.08 ng/ul	6806590	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	55
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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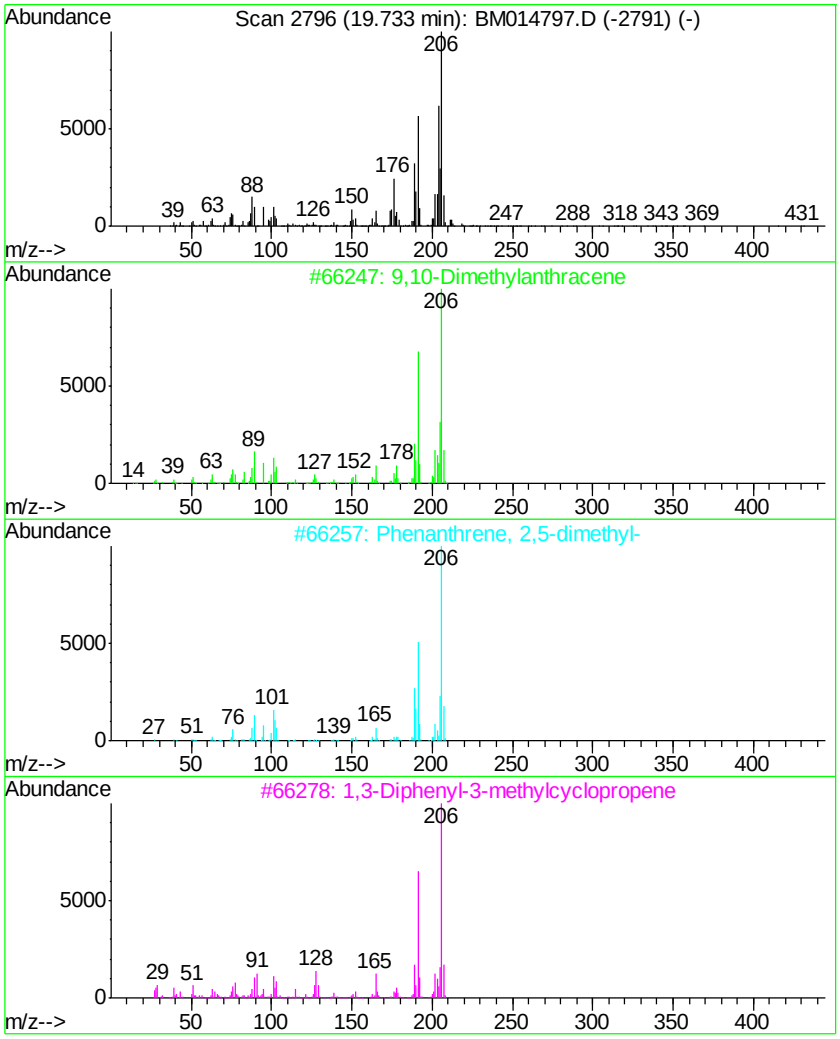
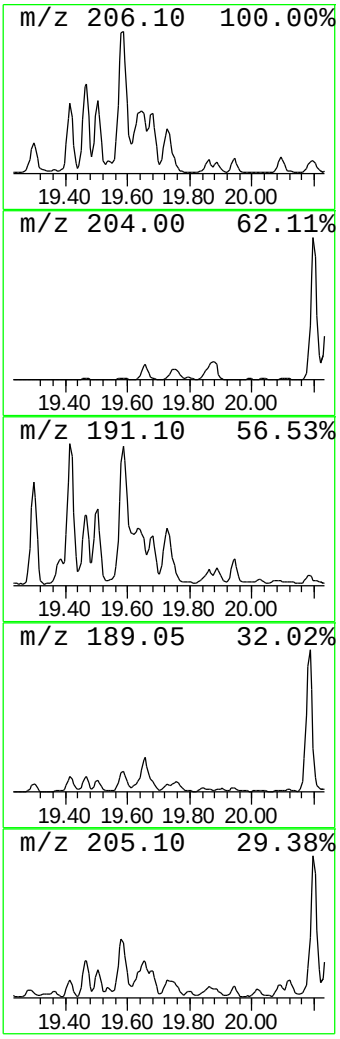
Peak Number 37 9,10-Dimethylanthracene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	17.09 ng/ul	3515100	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	70
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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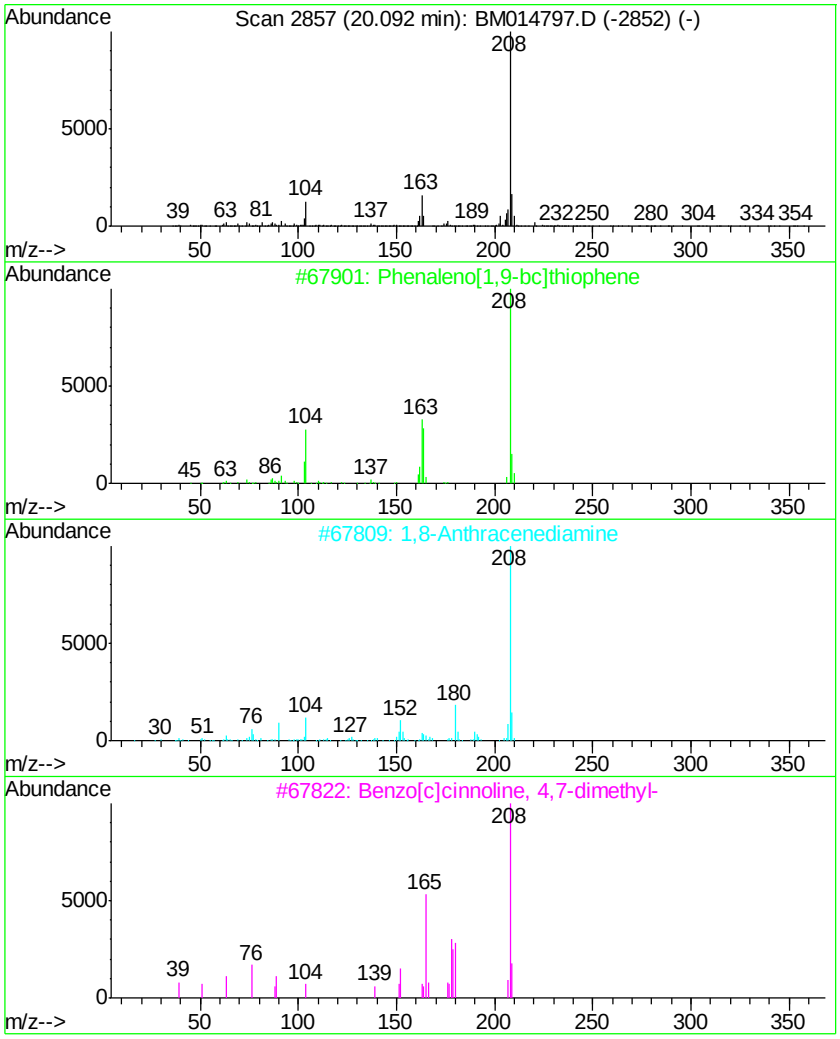
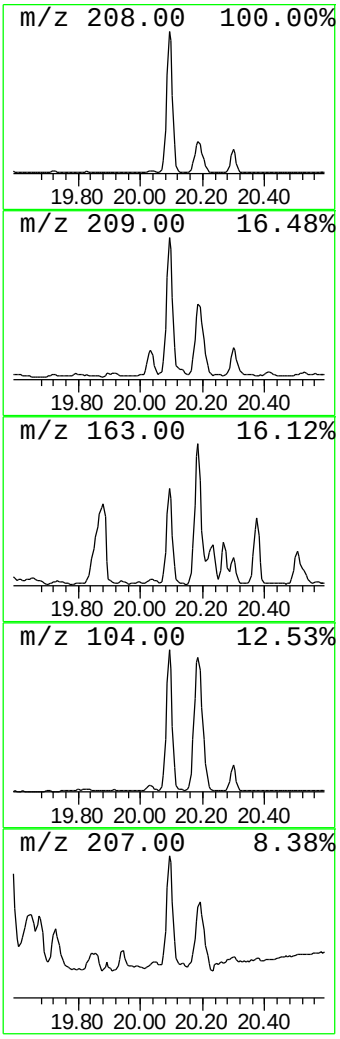
Peak Number 38 Phenaleno[1,9-bc]thiophene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.50 ng/ul	7429740	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	87
2	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	72
3	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	64
4	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	59
5	1,10-Phenanthroline, 2,9-dimethyl-	208	C14H12N2	000484-11-7	59





Library Search Compound Report

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Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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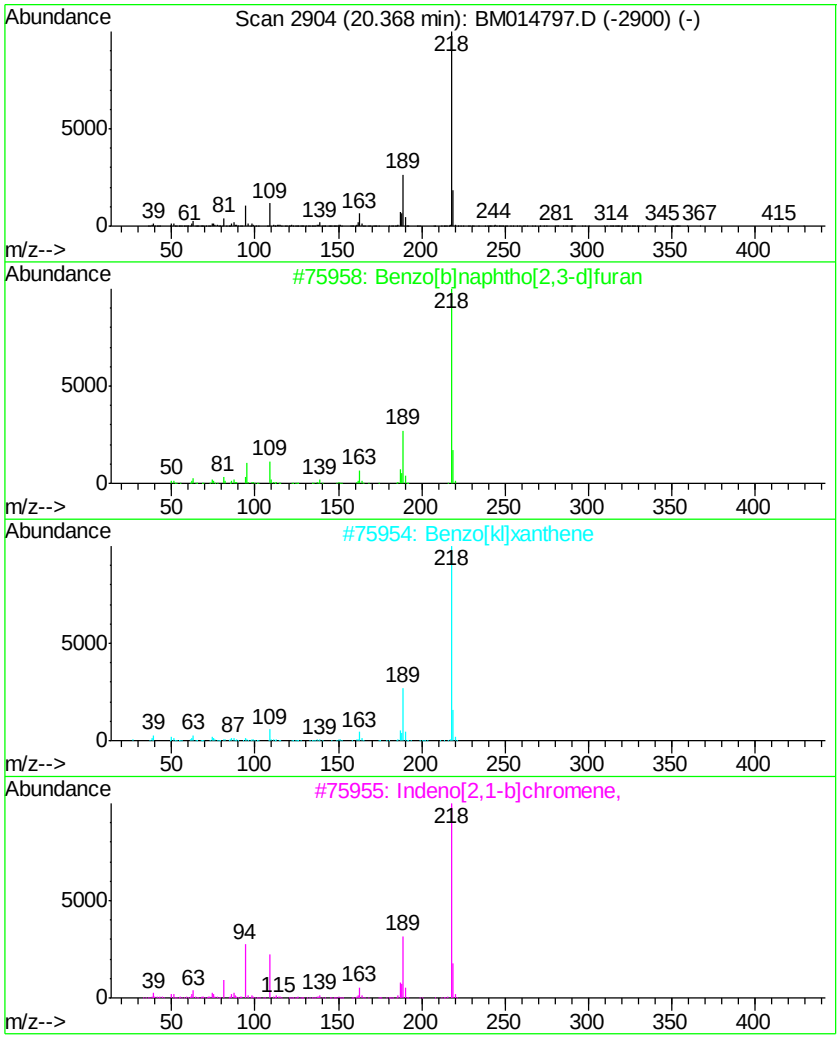
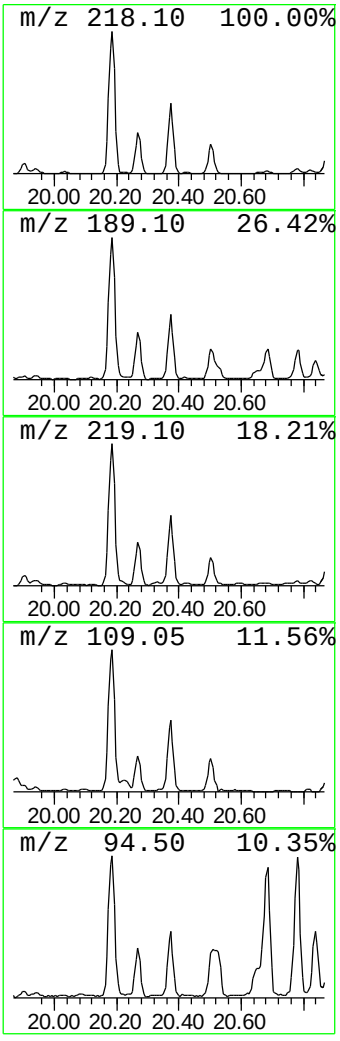
Peak Number 39 Benzo[b]naphtho[2,3-d]furan Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.83 ng/ul	8401450	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	96
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	95
3	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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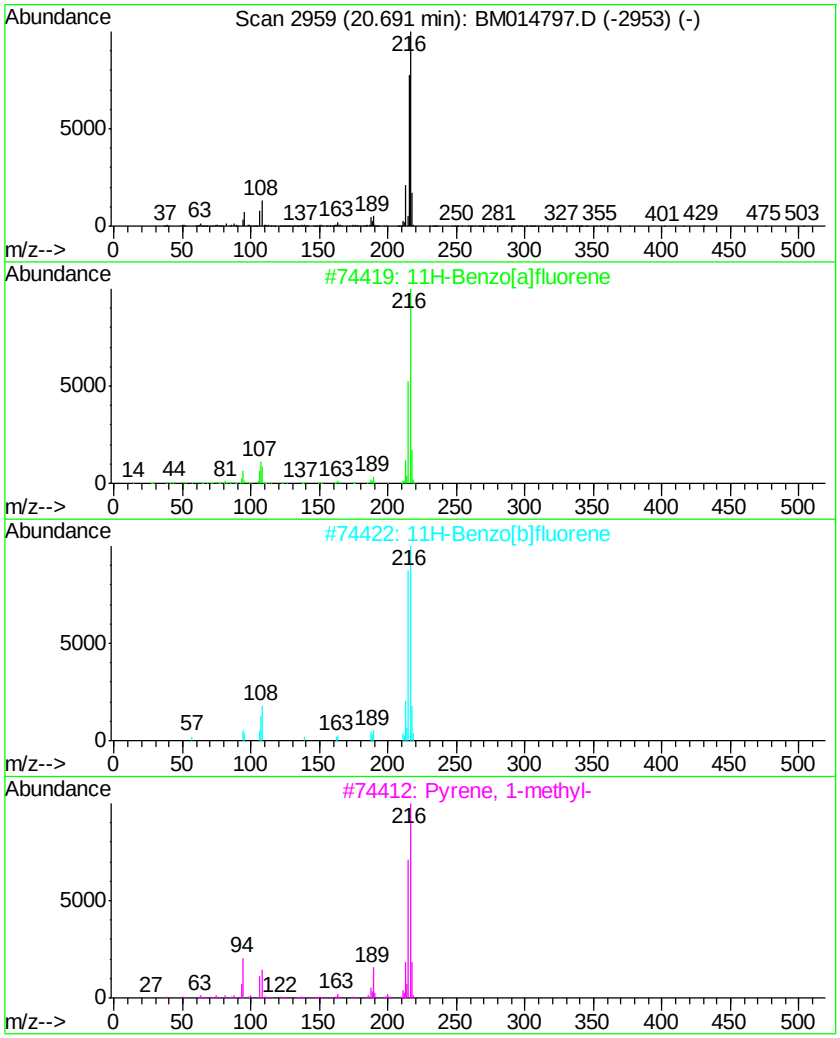
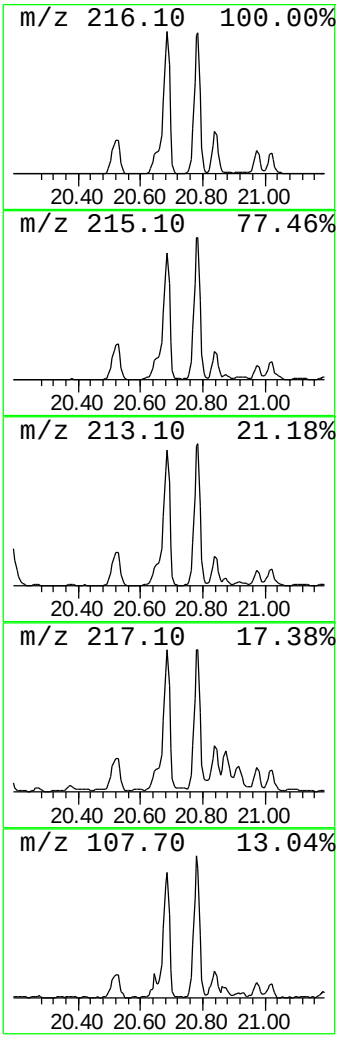
Peak Number 41 11H-Benzo[a]fluorene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.81 ng/ul	23210600	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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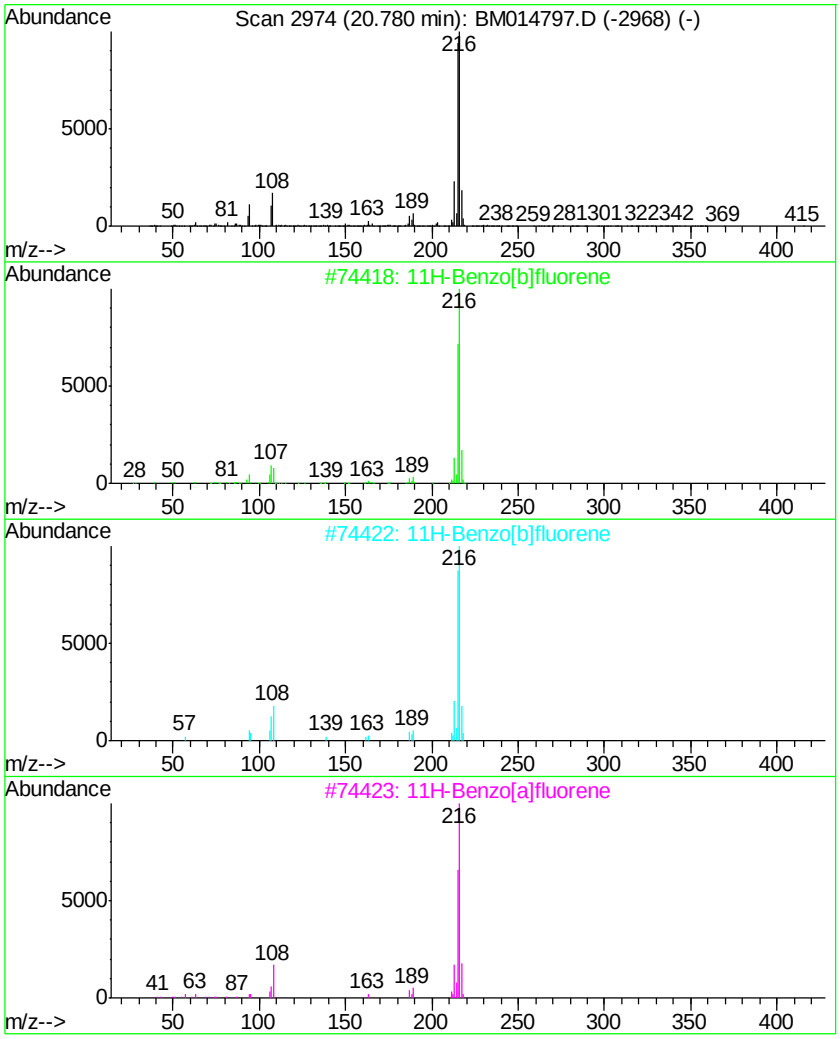
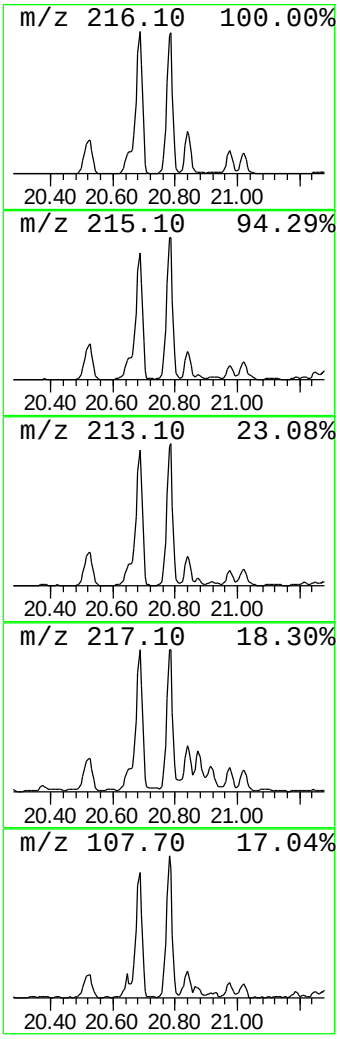
Peak Number 42 11H-Benzo[b]fluorene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	8.89 ng/ul	26406200	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

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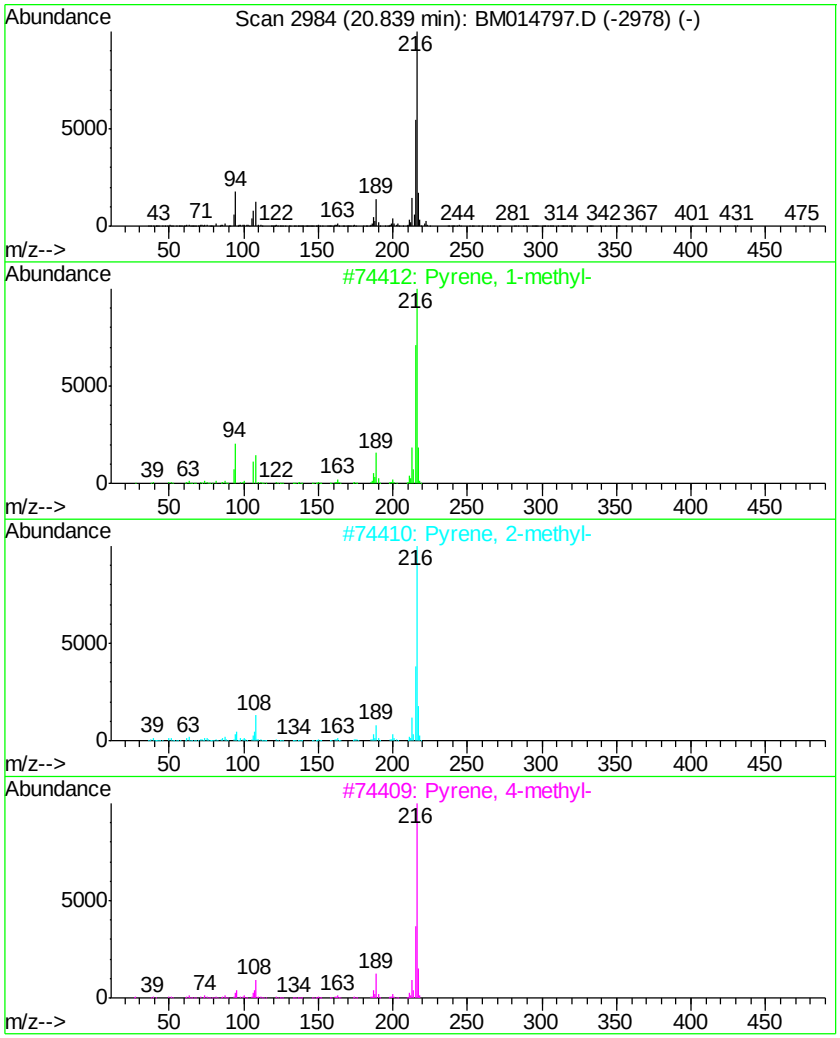
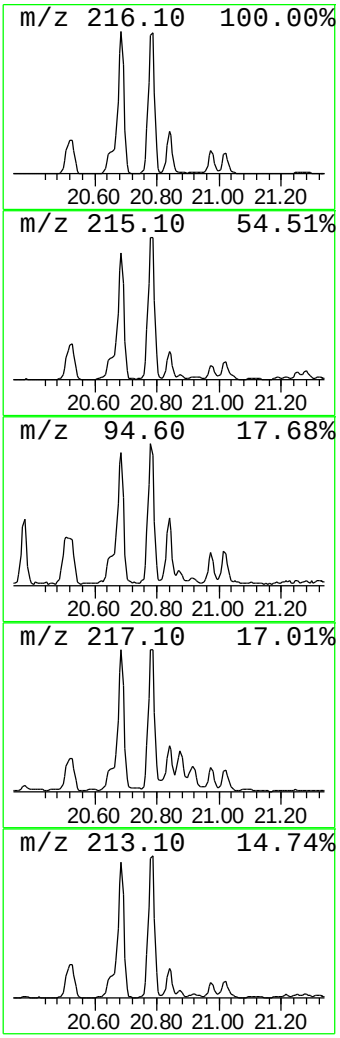
Peak Number 43 Pyrene, 1-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.03 ng/ul	9005180	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014797.D
Acq On : 24 Apr 2018 03:53
Operator : SJ/JU
Sample : J2431-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
(DEL) Alkane: Str...	7.13	8.8	ng/ul	2502410	1	8.53	5690570	20.0
(DEL) Alkane: Str...	9.10	10.1	ng/ul	2883750	1	8.53	5690570	20.0
o-Cymene	9.64	9.2	ng/ul	2608460	1	8.53	5690570	20.0
unknown-01	9.89	10.3	ng/ul	2917310	1	8.53	5690570	20.0
(DEL) Alkane: Str...	10.00	13.9	ng/ul	2796760	2	11.37	4027410	20.0
Naphthalene, 2,6-...	14.32	27.1	ng/ul	5576250	3	15.13	4107320	20.0
Naphthalene, 2,3-...	14.45	21.6	ng/ul	4430560	3	15.13	4107320	20.0
Benzene, [1-(2,4-...	15.43	15.1	ng/ul	3106310	3	15.13	4107320	20.0
Naphthalene, 2,3,...	15.59	20.7	ng/ul	4245060	3	15.13	4107320	20.0
Naphthalene, 1,6,...	15.78	11.7	ng/ul	2400630	3	15.13	4107320	20.0
Diphenylmethane	16.32	49.4	ng/ul	10154300	3	15.13	4107320	20.0
Nordiphenamid	16.41	22.8	ng/ul	4679570	3	15.13	4107320	20.0
Dibenzofuran, 4-m...	16.44	58.8	ng/ul	12066000	3	15.13	4107320	20.0
(DEL) Alkane: Str...	16.79	23.6	ng/ul	4857980	4	17.85	4114630	20.0
9H-Fluorene, 2-me...	17.14	62.0	ng/ul	12765600	4	17.85	4114630	20.0
9H-Fluorene, 9-me...	17.30	22.7	ng/ul	4665660	4	17.85	4114630	20.0
Benzene, 1-methyl...	17.37	28.1	ng/ul	5778730	4	17.85	4114630	20.0
Phenol, 4-(2-phen...	17.41	12.1	ng/ul	2489720	4	17.85	4114630	20.0
8-Dimethylaminona...	17.56	38.3	ng/ul	7884550	4	17.85	4114630	20.0
Dibenzothiophene	17.67	85.0	ng/ul	17477900	4	17.85	4114630	20.0
Naphthalene, 1-ph...	18.34	21.2	ng/ul	4370650	4	17.85	4114630	20.0
1-Methyldibenzoth...	18.42	16.9	ng/ul	3466330	4	17.85	4114630	20.0
Dibenzothiophene,...	18.55	13.9	ng/ul	2864470	4	17.85	4114630	20.0
Phenanthrene, 2-m...	18.70	112.4	ng/ul	23121000	4	17.85	4114630	20.0
Naphthalene, 2-ph...	19.18	81.0	ng/ul	16656400	4	17.85	4114630	20.0
Phenanthrene, 4,5...	19.42	13.8	ng/ul	2843200	4	17.85	4114630	20.0
Phenanthrene, 2,5...	19.59	30.9	ng/ul	6347260	4	17.85	4114630	20.0
Indeno[2,1-a]inde...	19.65	33.1	ng/ul	6806590	4	17.85	4114630	20.0
9,10-Dimethylanth...	19.73	17.1	ng/ul	3515100	4	17.85	4114630	20.0
Phenaleno[1,9-bc]...	20.09	2.5	ng/ul	7429740	5	21.94	59416600	20.0
Benzo[b]naphtho[2...	20.37	2.8	ng/ul	8401450	5	21.94	59416600	20.0
11H-Benzo[a]fluorene	20.69	7.8	ng/ul	23210600	5	21.94	59416600	20.0
11H-Benzo[b]fluorene	20.78	8.9	ng/ul	26406200	5	21.94	59416600	20.0
Pyrene, 1-methyl-	20.84	3.0	ng/ul	9005180	5	21.94	59416600	20.0