LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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	7.645	734	741	747	rBV	2212772	4147860	2.22%	0.242%
2	8.045	804	809	818	rVV3	1479952	3888868	2.08%	0.227%
3	8.481	877	883	887	rVV	4884506	8052589	4.31%	0.469%
4	9.098	982	988	995	rVB3	1642102	3484989	1.86%	0.203%
5	9.639	1076	1080	1086	rVV2	1881043	3686892	1.97%	0.215%
6	9.739	1093	1097	1103	rVB2	2444027	4504295	2.41%	0.263%
7	9.892	1111	1123	1130	rVB8	1074901	4275221	2.29%	0.249%
8	10.004	1130	1142	1150	rVB4	1499834	4458824	2.39%	0.260%
9	10.169	1164	1170	1177	rBV	1848656	3066902	1.64%	0.179%
10	10.286	1185	1190	1203	rVB3	1342974	3248777	1.74%	0.189%
11	10.433	1203	1215	1218	rBV4	1996666	4996339	2.67%	0.291%
12	11.375	1369	1375	1380	rVV	2232031	4398136	2.35%	0.256%
13	11.492	1389	1395	1402	rVB2	2671020	4663871	2.50%	0.272%
14	14.298	1866	1872	1873	rBV	2208032	3053792	1.63%	0.178%
15	14.457	1893	1899	1903	rBV	2731147	4533412	2.43%	0.264%
16	14.516	1903	1909	1913	rVV2	2709799	4624798	2.47%	0.270%
17	14.574	1913	1919	1924	rVB4	1727144	3273797	1.75%	0.191%
18	14.827	1956	1962	1966	rBV	2523220	4962867	2.66%	0.289%
19	15.086	1997	2006	2010	rBV	2465441	4208631	2.25%	0.245%
20	15.127	2010	2013	2018	rVV2	2669144	4103666	2.20%	0.239%
21	15.192	2019	2024	2030	rVB2	6395759	9797315	5.24%	0.571%
22	15.321	2042	2046	2055	rVB	2066289	4551635	2.44%	0.265%
23	15.433	2055	2065	2068	rBV2	1737055	3776870	2.02%	0.220%
24	15.515	2073	2079	2085	rVB2	7191117	12533643	6.71%	0.731%
25	15.586	2085	2091	2100	rBV	3704427	5776140	3.09%	0.337%
26	15.727	2109	2115	2119	rBV	2206784	3689890	1.97%	0.215%
27	15.780	2119	2124	2128	rVB	2424809	3317668	1.77%	0.193%
28	15.898	2136	2144	2146	rBV2	1822805	3808700	2.04%	0.222%
29	16.104	2176	2179	2183	rVV	2830177	4204951	2.25%	0.245%
30	16.168	2183	2190	2197	rVV	17964778	29209381	15.63%	1.703%
31	16.251	2200	2204	2207	rVV	2384116	4014597	2.15%	0.234%
32	16.286	2207	2210	2212	rVV	3140878	4641841	2.48%	0.271%
33	16.321	2212	2216	2221	rVV3	8572726	13578669	7.26%	0.791%
34	16.410	2227	2231	2234	rVV	4079716	6801533	3.64%	0.396%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Title : SVOA CALIBRATION

35	16.451	2234	2238	2245	rVB	10581336	15316946	8.19%	0.893%
36	16.592	2256	2262	2270	rBV	10761681	21443849	11.47%	1.250%
37	16.792	2288	2296	2310	rVB3	2437657	5881196	3.15%	0.343%
38	16.945	2317	2322	2327	rVB2	2076977	3041298	1.63%	0.177%
39	17.151	2345	2357	2361	rBV2	8910005	17212869	9.21%	1.003%
40	17.198	2361	2365	2370	rVV2	2872920	4321267	2.31%	0.252%
41	17.298	2376	2382	2386	rVB3	3201652	6029574	3.23%	0.351%
42	17.368	2386	2394	2397	rBV2	3586414	7746035	4.14%	0.451%
43	17.409	2397	2401	2405	rVB2	2729389	3624524	1.94%	0.211%
44	17.568	2422	2428	2439	rVV2	3915916	10550833	5.64%	0.615%
45	17.668	2439	2445	2462	rVB	13830351	22344299	11.95%	1.302%
46	17.921	2470	2488	2492	rBV2	59785680	176952592	94.67%	10.314%
47	17.998	2495	2501	2506	rVB2	35765194	55949403	29.93%	3.261%
48	18.256	2537	2545	2556	rVB4	1457334	5156830	2.76%	0.301%
49	18.345	2556	2560	2566	rBV	4462853	6259921	3.35%	0.365%
50	18.415	2567	2572	2581	rVB2	2658992	4785349	2.56%	0.279%
51	18.551	2591	2595	2604	rVB	2075803	3877148	2.07%	0.226%
52	18.703	2616	2621	2625	rVV	19332541	29847358	15.97%	1.740%
53	18.756	2625	2630	2635	rVV	23586704	33015324	17.66%	1.924%
54	18.833	2635	2643	2648	rVV	8902429	14089800	7.54%	0.821%
55	18.909	2648	2656	2667	rVV2	35998305	76679980	41.02%	4.469%
56	19.180	2696	2702	2707	rVV	17801511	24279371	12.99%	1.415%
57	19.415	2737	2742	2747	rVV	3100206	4213992	2.25%	0.246%
58	19.468	2747	2751	2754	rVV	2988399	3568493	1.91%	0.208%
59	19.586	2765	2771	2776	rVV	4642453	8522495	4.56%	0.497%
60	19.656	2776	2783	2791	rVB3	3832312	9635519	5.16%	0.562%
61	19.750	2791	2799	2805	rBV3	1655380	4566565	2.44%	0.266%
62	19.886	2810	2822	2829	rBV3	57940575	172900839	92.50%	10.078%
63	20.098	2852	2858	2867	rVB	6052803	10344414	5.53%	0.603%
64	20.239	2867	2882	2886	rBV5	56720976	186912539	100.00%	10.894%
65	20.274	2886	2888	2892	rVB	5796807	5721344	3.06%	0.333%
66	20.380	2901	2906	2910	rVB	9248775	12062432	6.45%	0.703%
67	20.509	2922	2928	2936	rBV3	7248775	17974384	9.62%	1.048%
68	20.650	2946	2952	2953	rVV3	3979050	6236977	3.34%	0.364%
69	20.692	2954	2959	2963	rVB	22984687	32365058	17.32%	1.886%
70	20.786	2969	2975	2979	rBV2	26372678	37788924	20.22%	2.203%
71	20.845	2979	2985	2988	rVV3	7526054	12492099	6.68%	0.728%

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Instrument : BNA_M
ClientSampleId : DASP3

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

72	20.909	2994	2996	3002	rVB3	2010750	3016329	1.61%	0.176%
73	20.980	3004	3008	3011	rBV	3473117	4728136	2.53%	0.276%
74	21.021	3012	3015	3017	rBV2	3211290	3567646	1.91%	0.208%
75	21.192	3040	3044	3050	rBV3	3287351	4967648	2.66%	0.290%
76	21.368	3069	3074	3078	rVV	7903572	10444820	5.59%	0.609%
77	21.415	3078	3082	3087	rVB3	1673006	3024879	1.62%	0.176%
78	21.580	3105	3110	3112	rVV	7767633	11310290	6.05%	0.659%
79	21.615	3112	3116	3119	rVV	8383635	11566290	6.19%	0.674%
80	21.656	3119	3123	3127	rVV2	8519032	11847205	6.34%	0.691%
81	21.797	3142	3147	3156	rBV	33568670	45434087	24.31%	2.648%
82	21.927	3160	3169	3173	rBV3	40350143	77087640	41.24%	4.493%
83	21.986	3174	3179	3187	rVB	36460392	57538649	30.78%	3.354%
84	22.109	3195	3200	3204	rBV	8571919	12504539	6.69%	0.729%
85	22.268	3222	3227	3232	rBV	3923496	6369229	3.41%	0.371%
86	22.527	3264	3271	3275	rVV	5271476	10695762	5.72%	0.623%
87	22.586	3277	3281	3287	rVV	2750500	4807606	2.57%	0.280%
88	22.703	3296	3301	3305	rVV2	3376573	5576510	2.98%	0.325%
89	22.756	3305	3310	3313	rVV4	4393580	8442521	4.52%	0.492%
90	22.791	3313	3316	3321	rVV	4120907	5984558	3.20%	0.349%
91	22.850	3321	3326	3332	rVB2	2410504	3699775	1.98%	0.216%
92	23.680	3457	3467	3472	rBV	16705546	46734650	25.00%	2.724%
93	23.862	3492	3498	3510	rVB2	4287277	8701375	4.66%	0.507%
94	24.215	3551	3558	3564	rBV	8981082	19085036	10.21%	1.112%
95	24.268	3564	3567	3571	rVV	1950197	3761304	2.01%	0.219%
96	24.333	3571	3578	3585	rVB	14208345	29068823	15.55%	1.694%
97	24.433	3589	3595	3599	rVV	2325173	4811481	2.57%	0.280%
98	24.485	3599	3604	3612	rVB	4005204	8349343	4.47%	0.487%
99	27.015	4024	4034	4045	rVB	4315568	13773216	7.37%	0.803%
100	27.815	4161	4170	4190	rVB	2778167	9717225	5.20%	0.566%

Sum of corrected areas: 1715665771

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Instrument :
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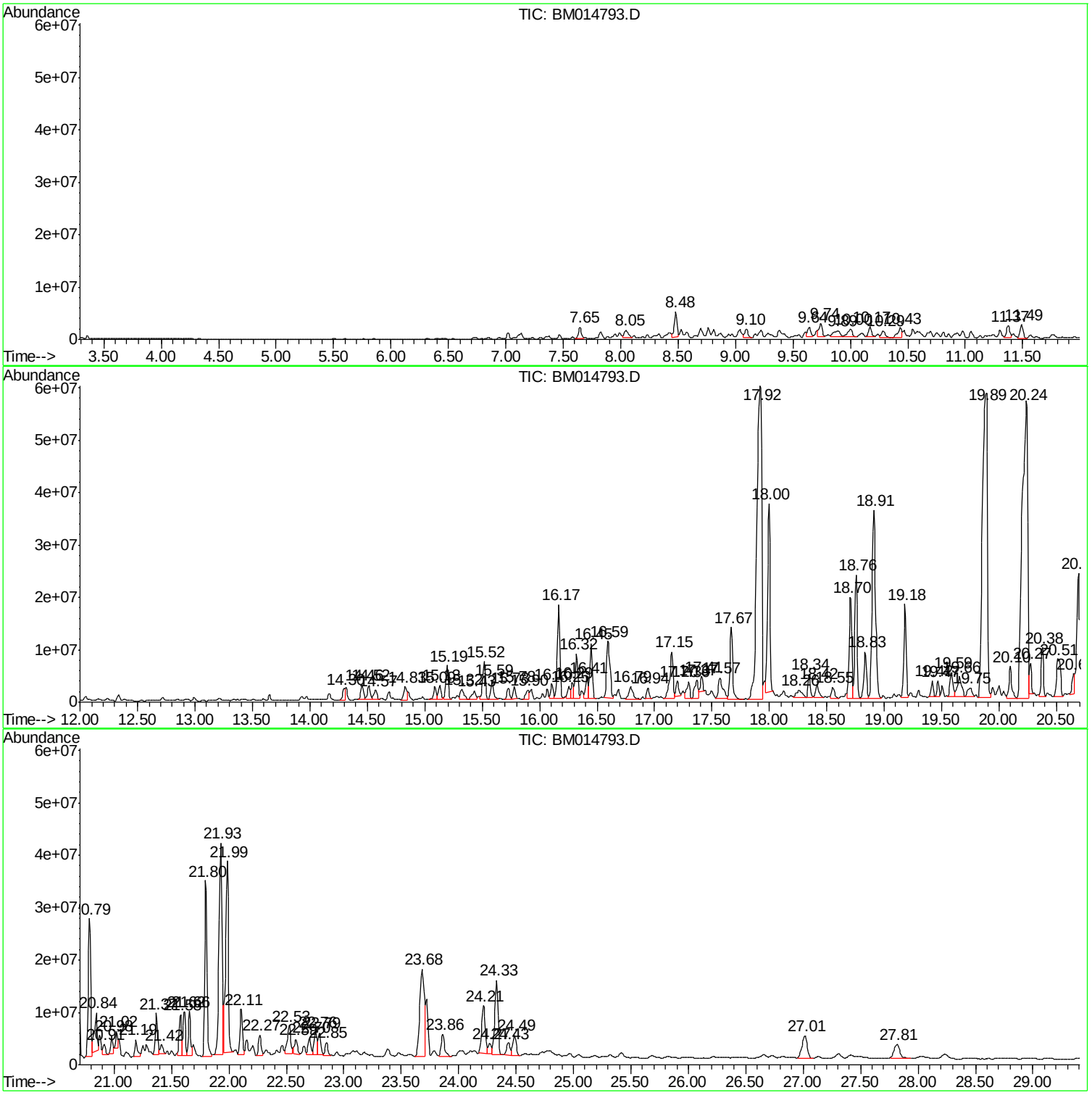
ClientSampleId :
DASP3

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : DASP3

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

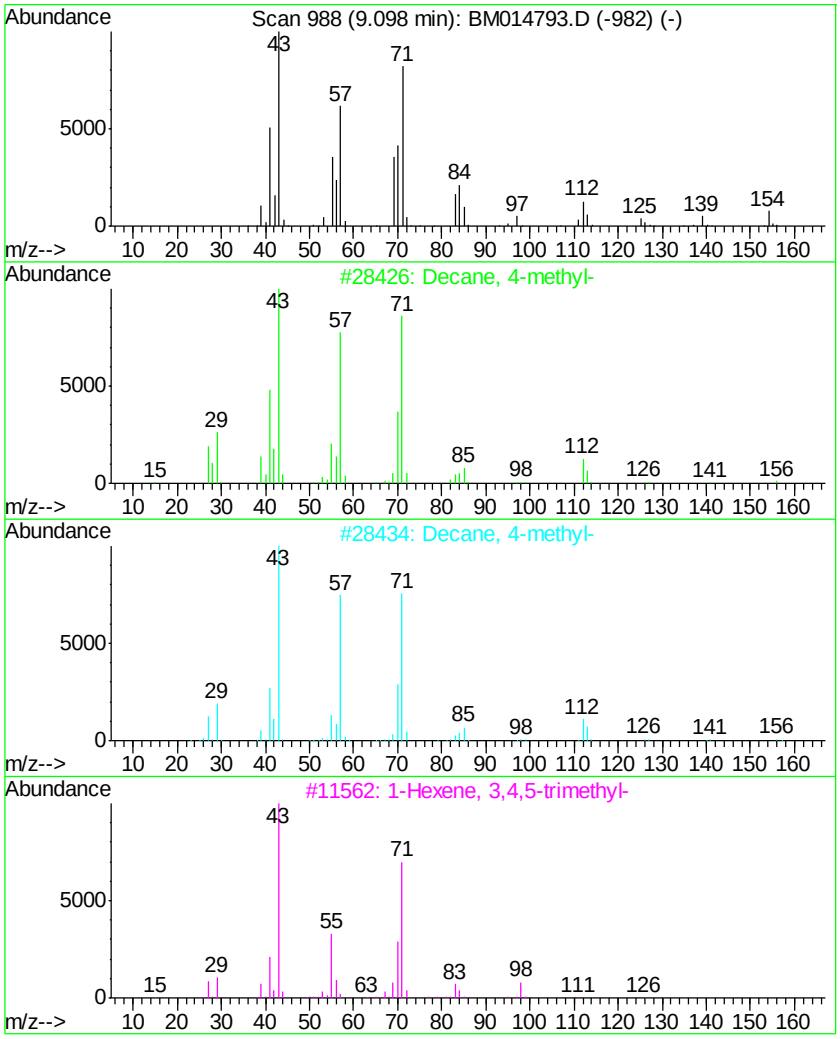
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

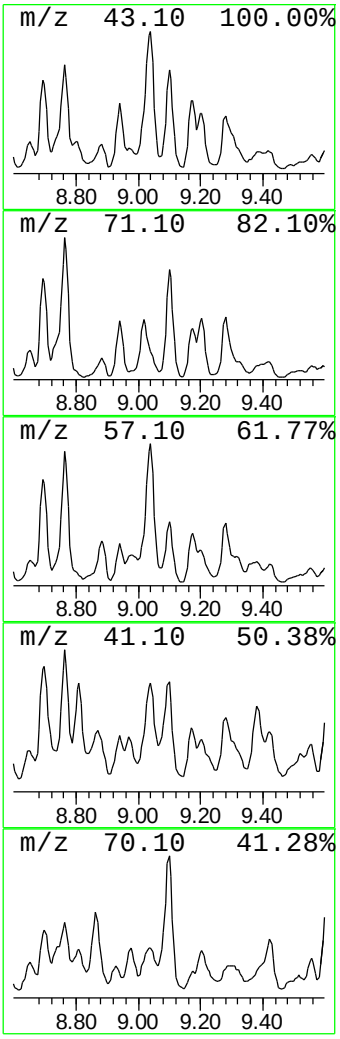
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	8.66 ng/ul	3484990	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	81
2	Decane, 4-methyl-	156	C11H24	002847-72-5	58
3	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	50
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	49
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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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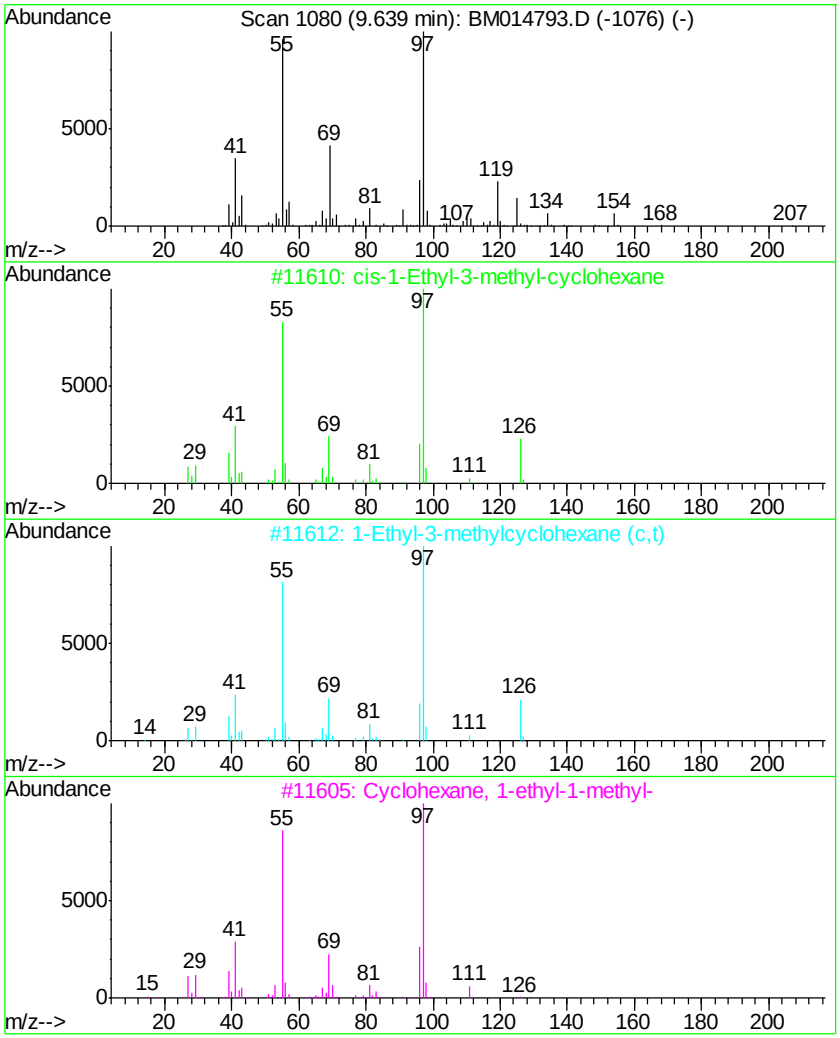
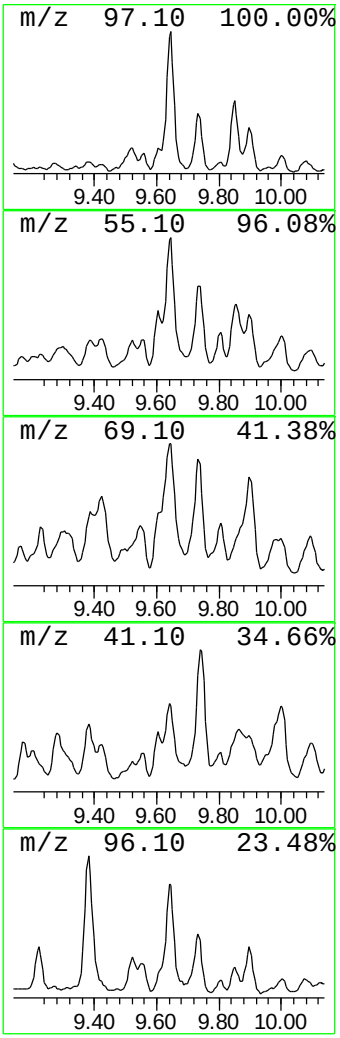
Peak Number 2 (DEL) Alkane: Cyclic9.64 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	9.16 ng/ul	3686890	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	59
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
4	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	53
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53





Library Search Compound Report

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Instrument : BNA_M
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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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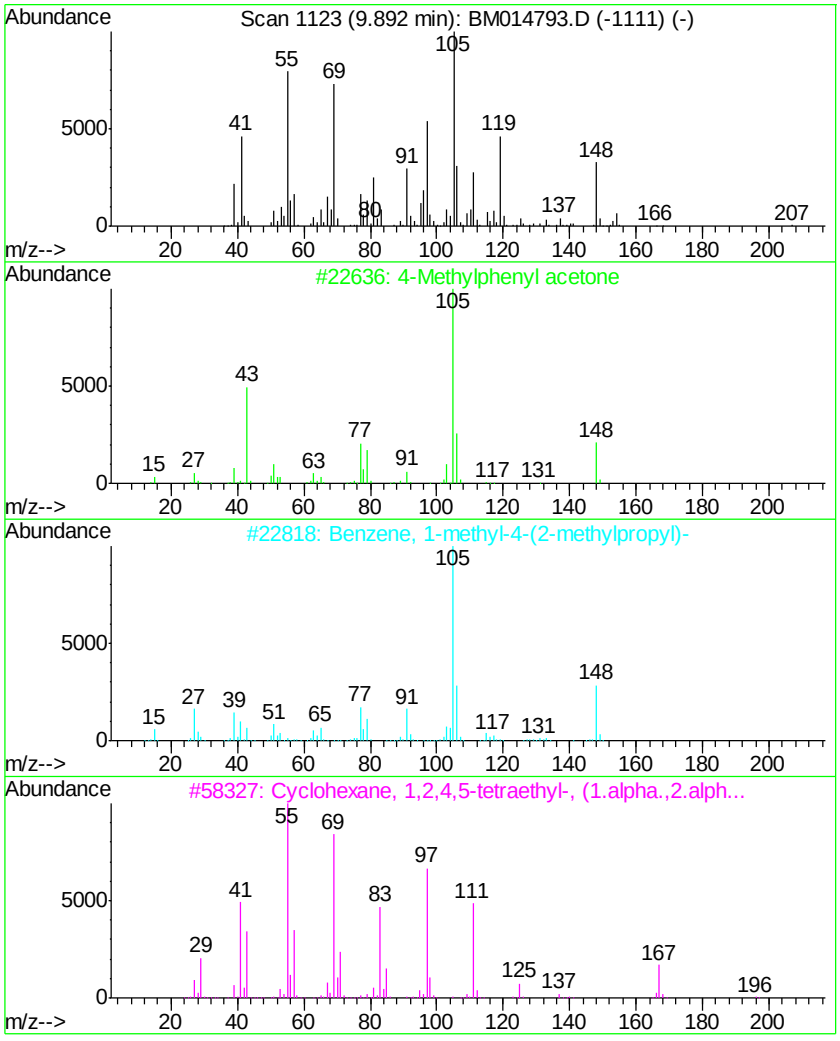
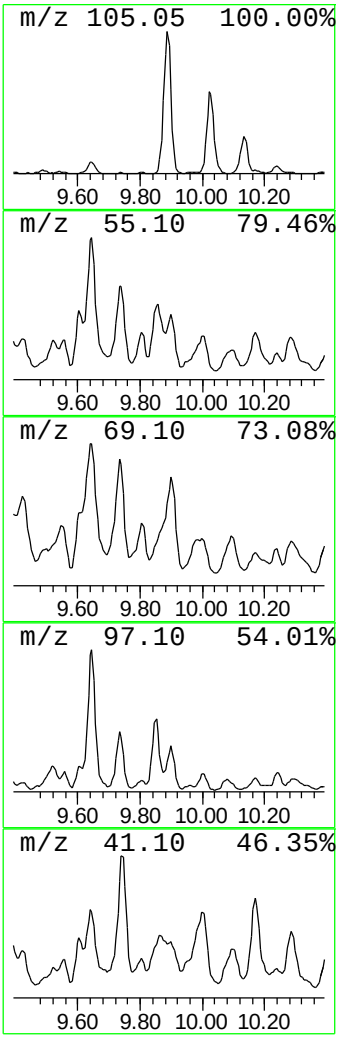
Peak Number 3 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	10.62 ng/ul	4275220	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	35
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	27
4	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	25
5	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	25





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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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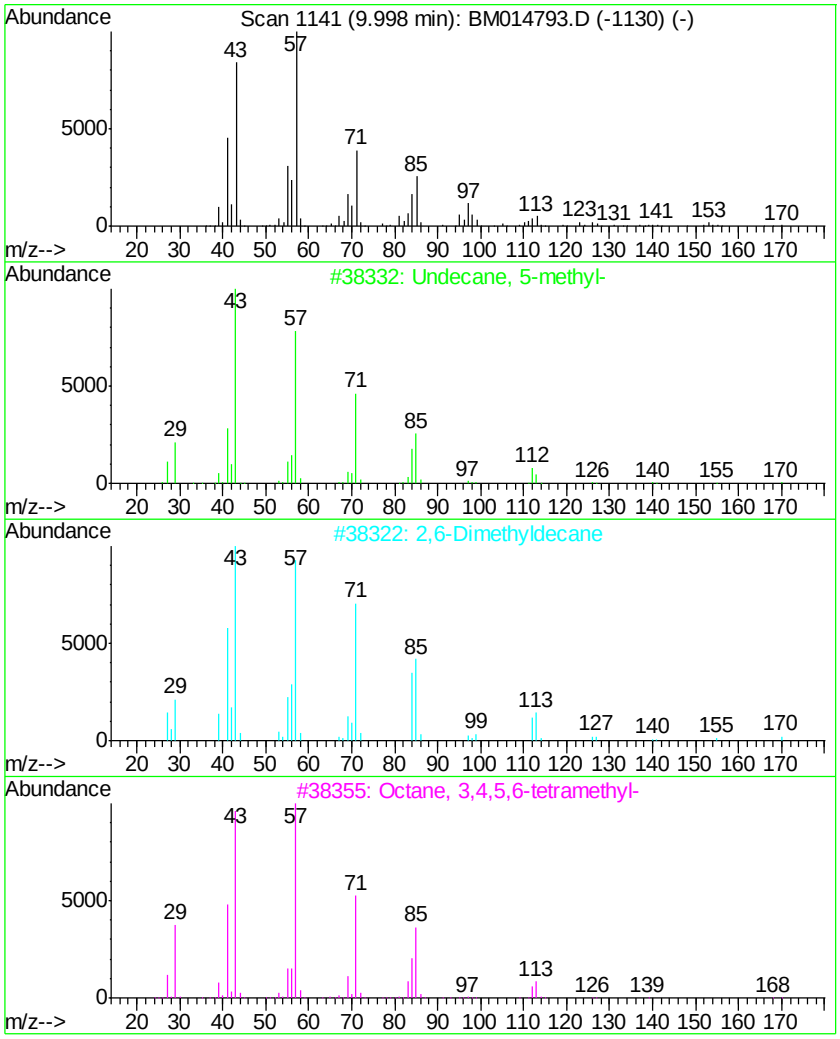
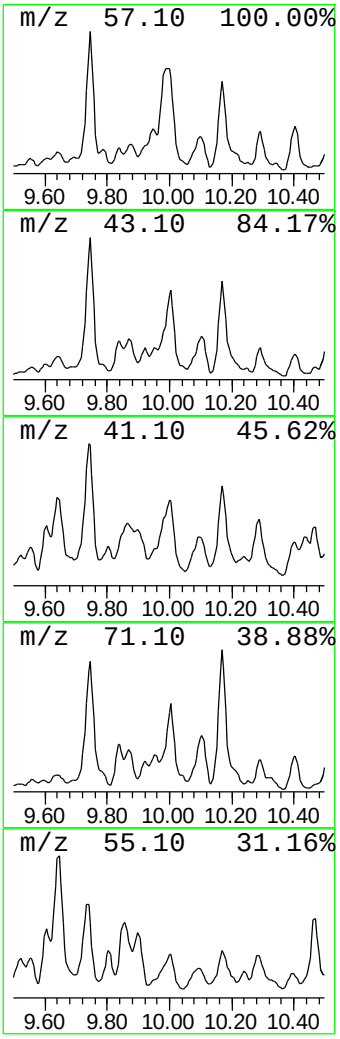
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	20.28 ng/ul	4458820	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	72
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	68
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59





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Misc :
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Instrument : BNA_M
ClientSampleId : DASP3

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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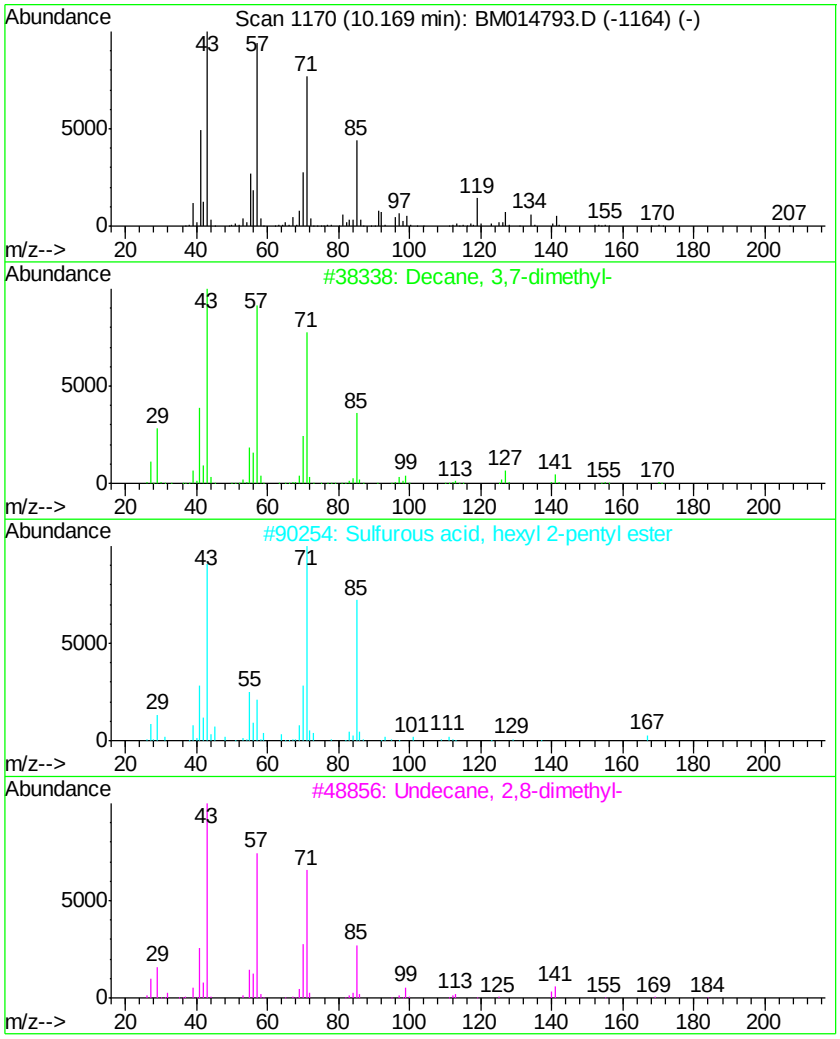
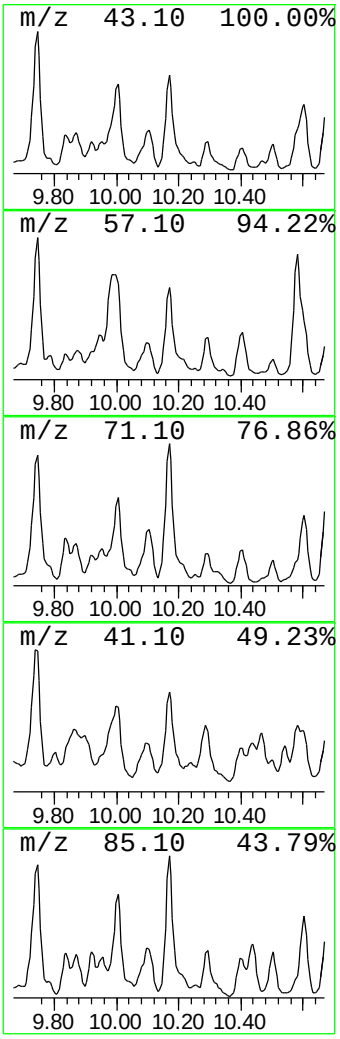
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	13.95 ng/ul	3066900	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	95
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	59
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	59
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	58





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Operator : SJ/JU
Sample : J2431-12
Misc :
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Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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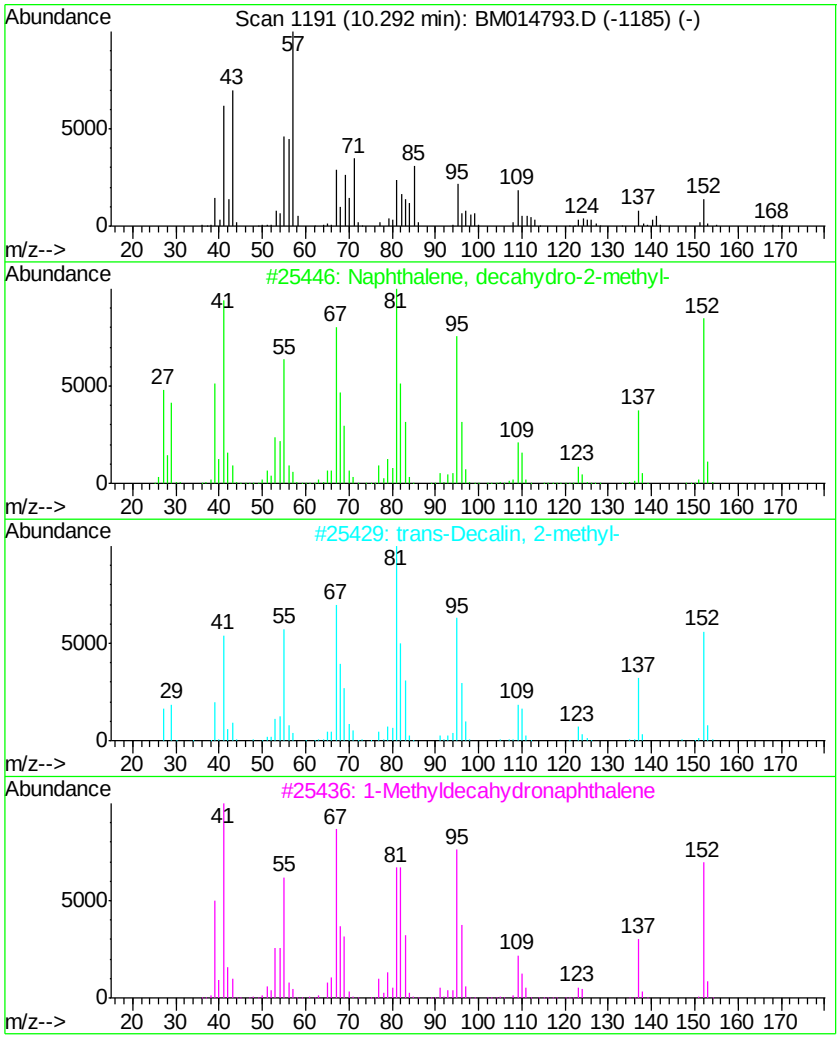
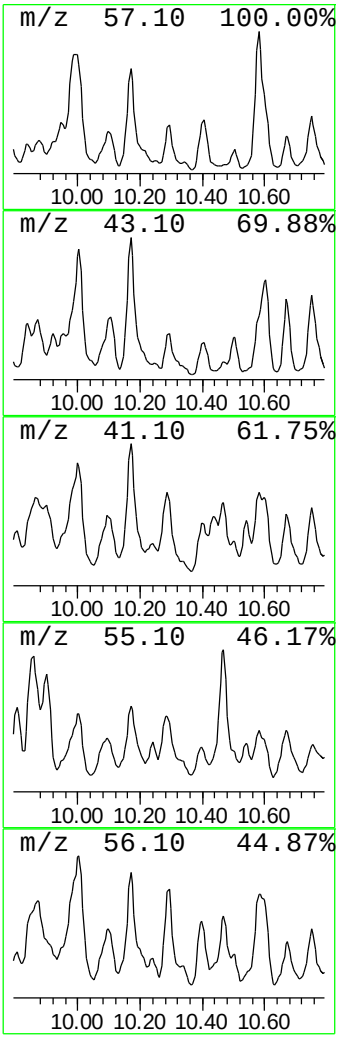
Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	14.77 ng/ul	3248780	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	45





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Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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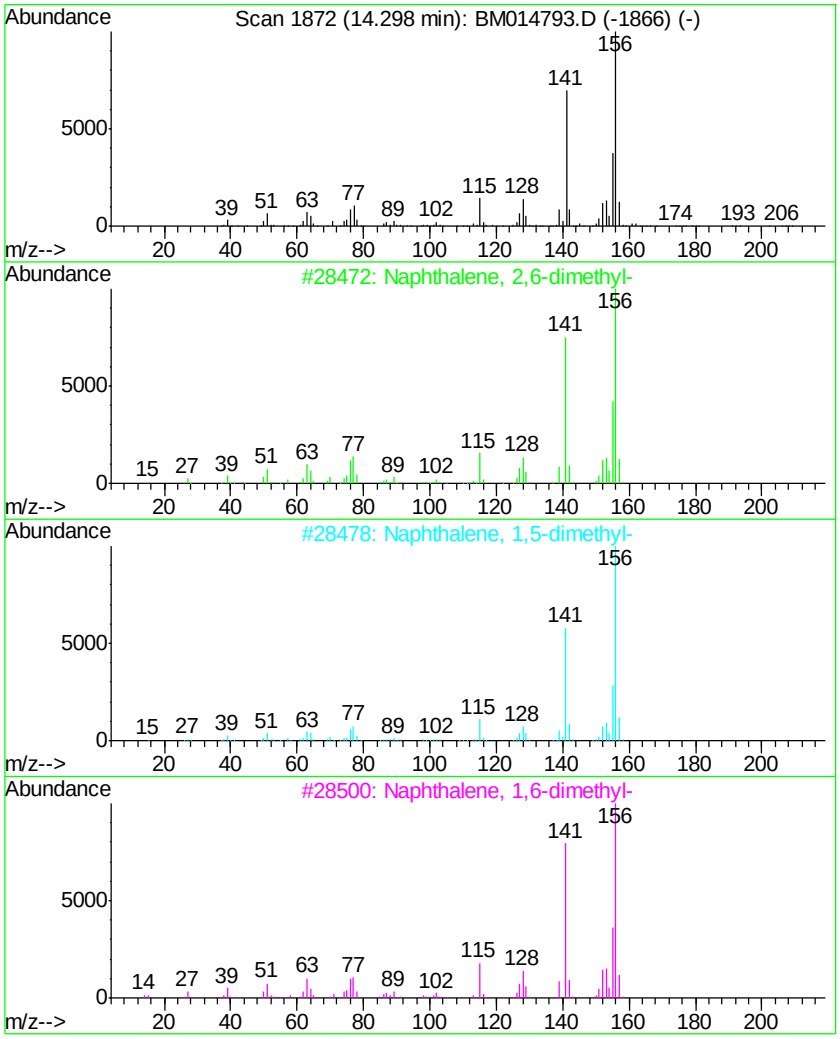
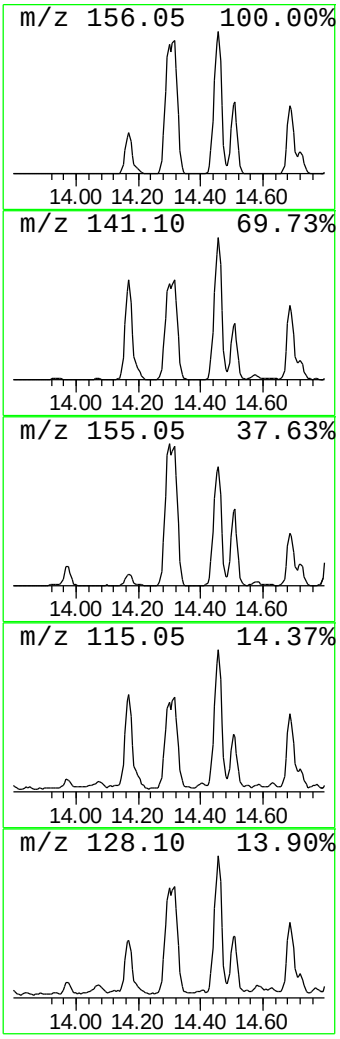
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	14.88 ng/ul	3053790	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, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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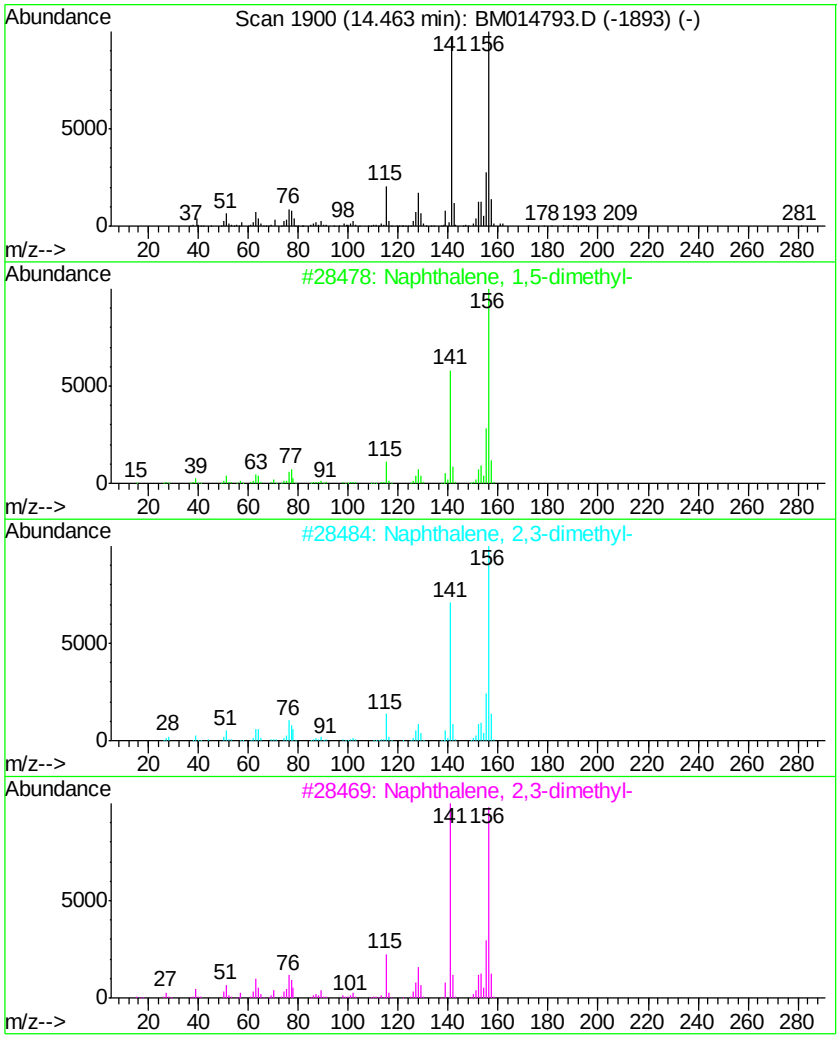
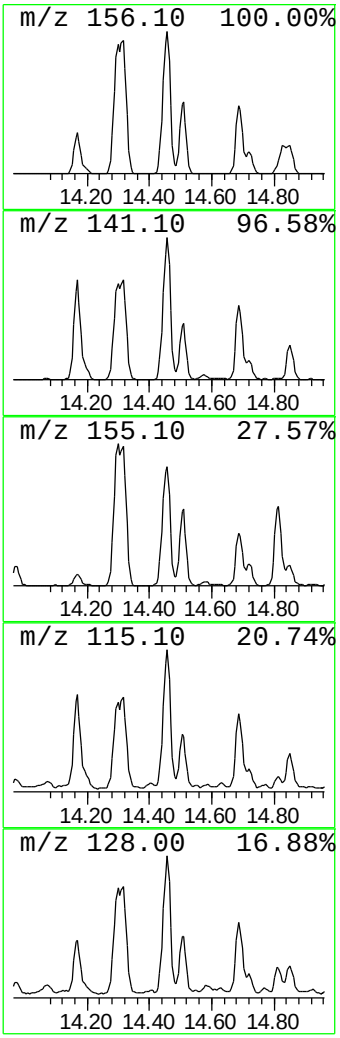
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	22.09 ng/ul	4533410	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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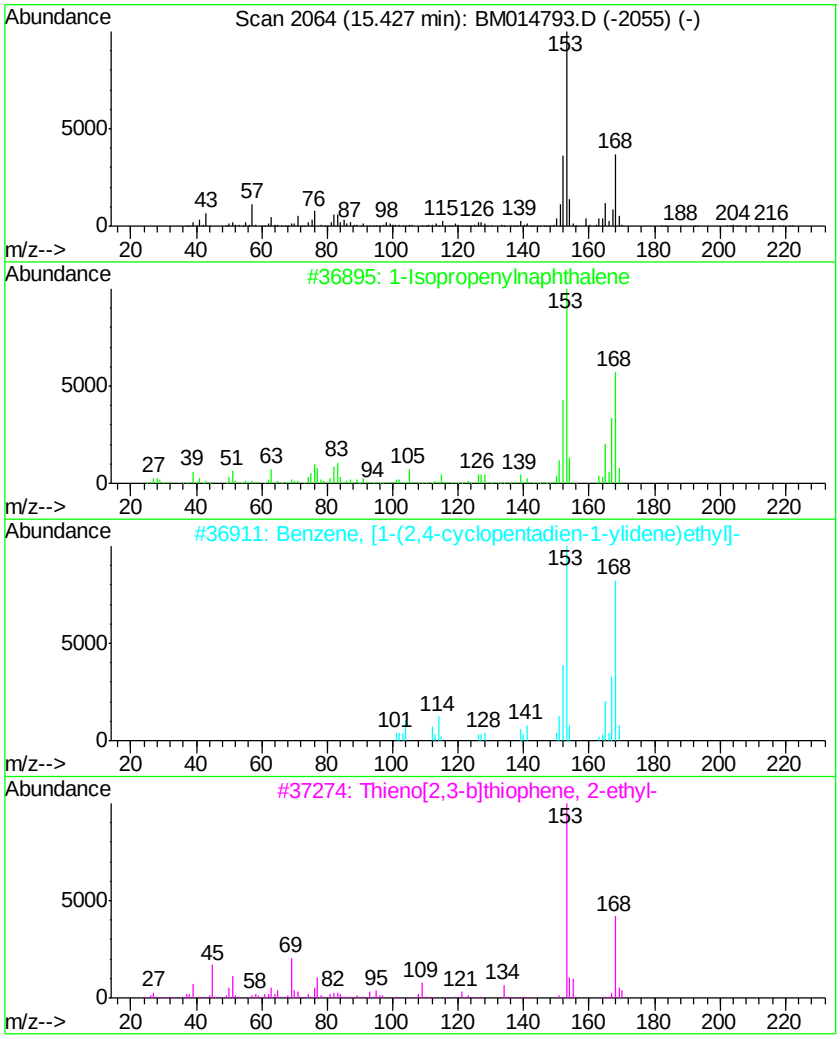
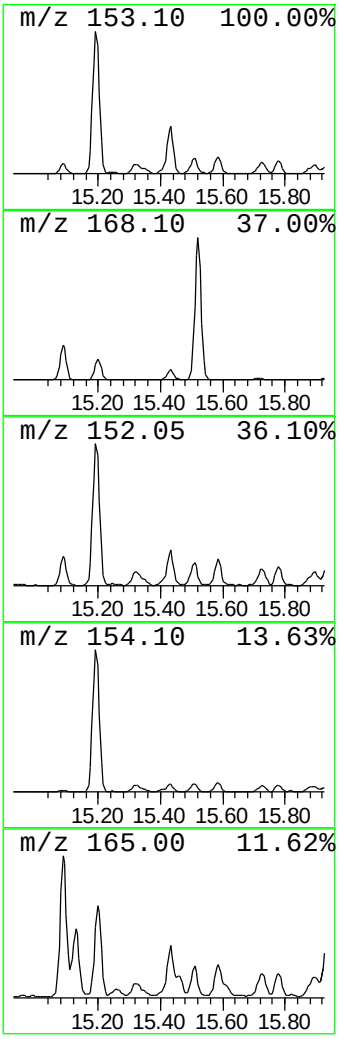
Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	18.41 ng/ul	3776870	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	53
5	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	53





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Quant Title : SVOA CALIBRATION

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

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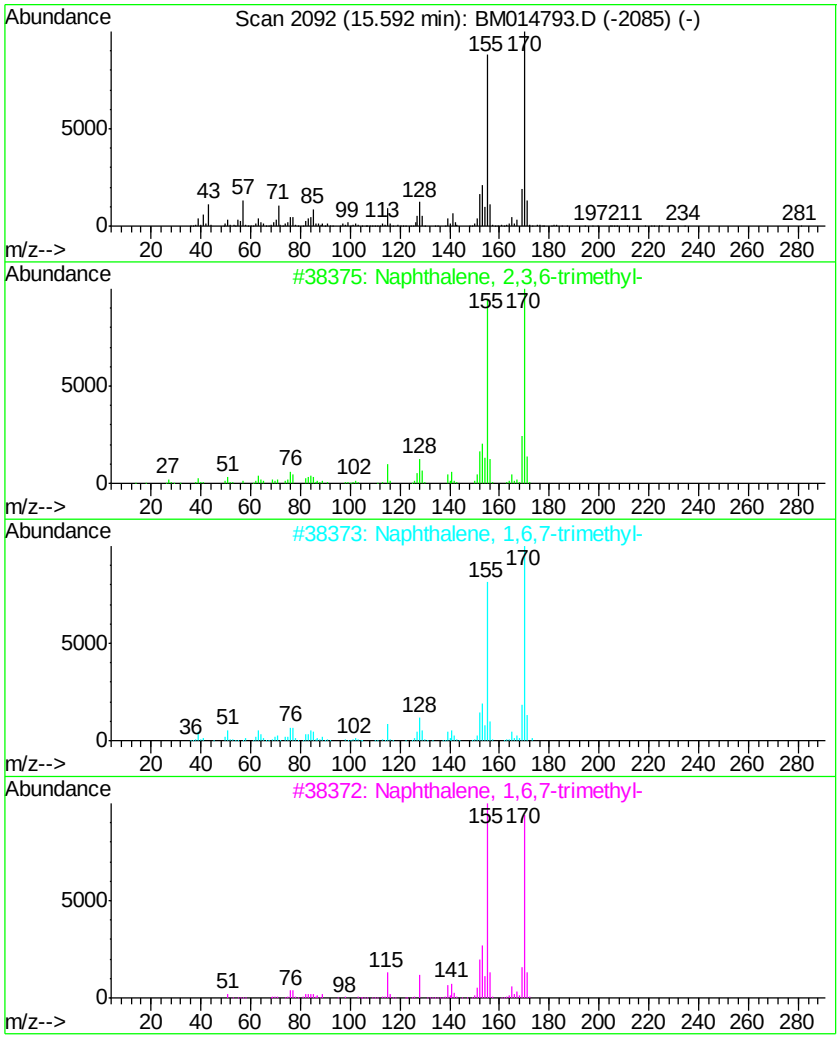
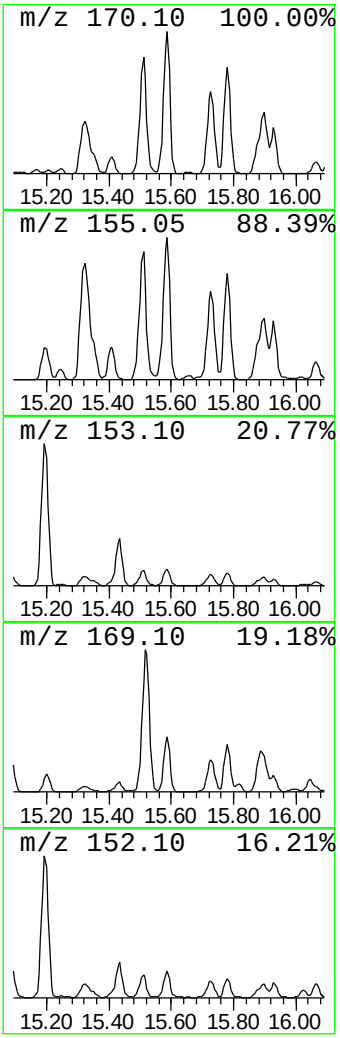
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	28.15 ng/ul	5776140	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97





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Quant Title : SVOA CALIBRATION

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

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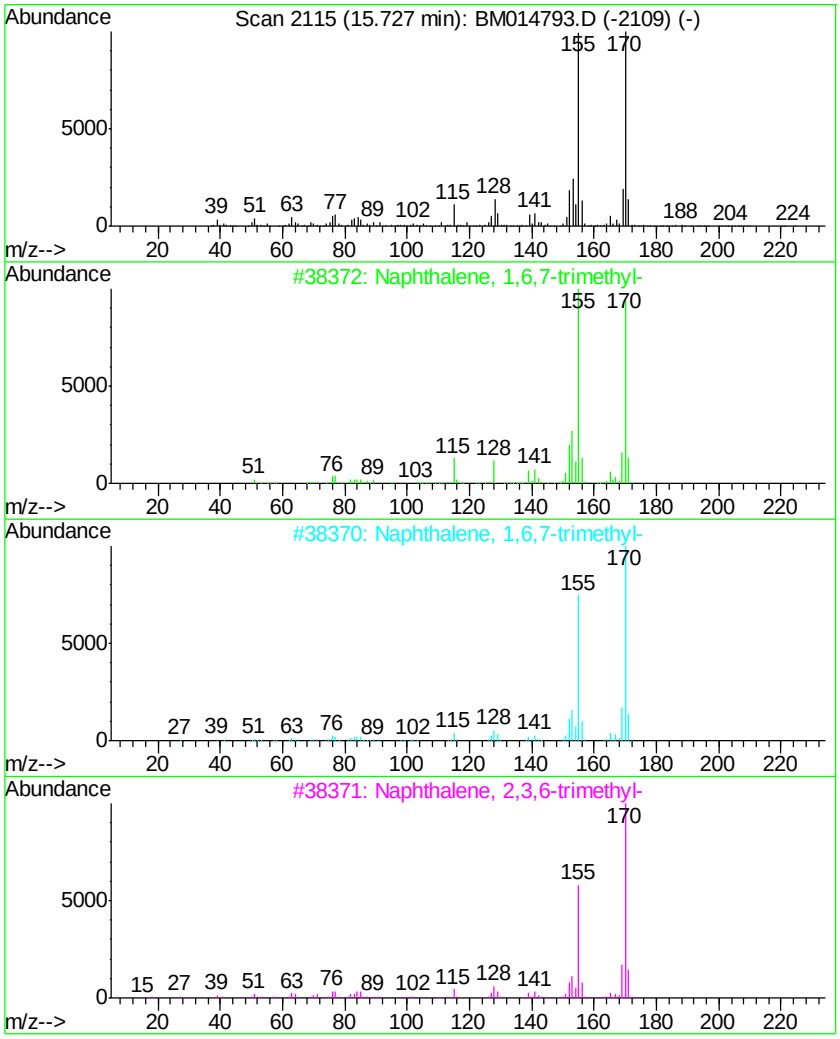
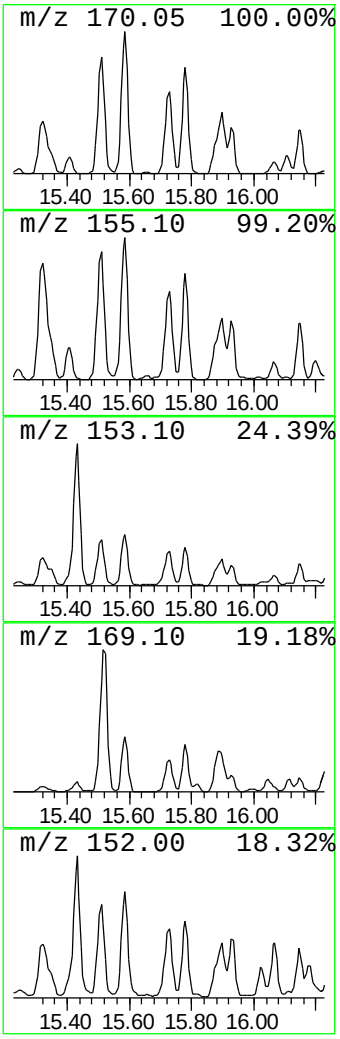
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	17.98 ng/ul	3689890	Acenaphthene-d10	15.13

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





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Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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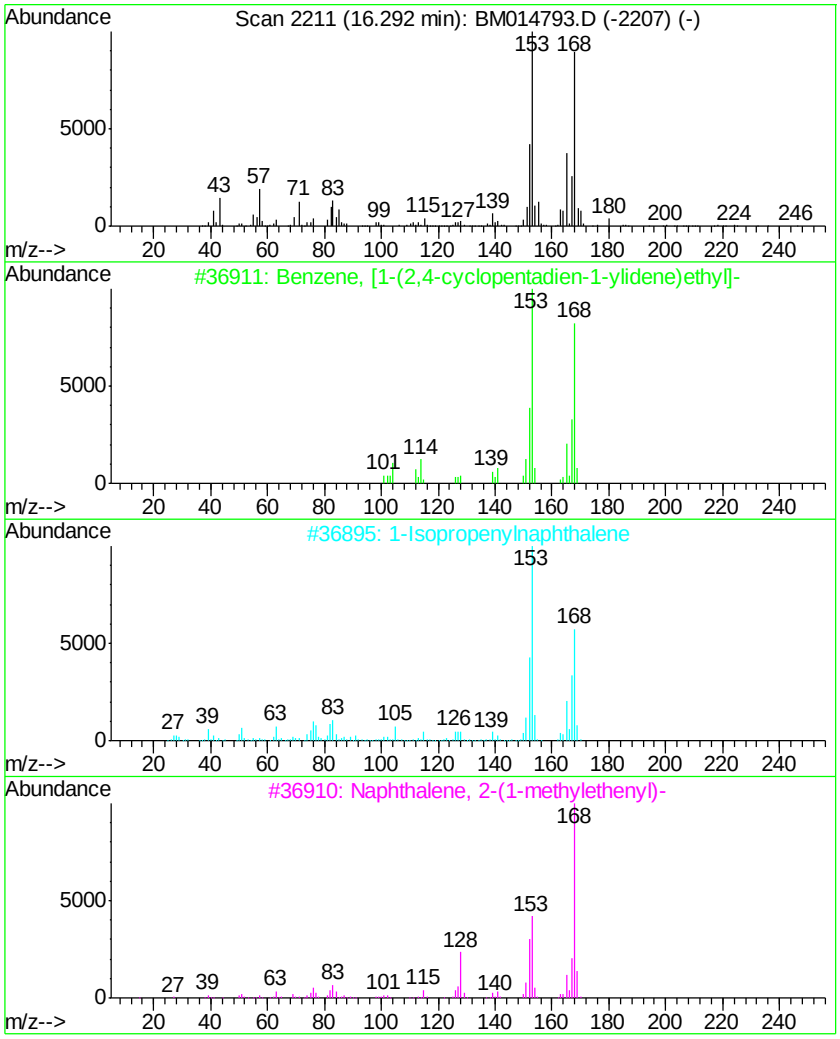
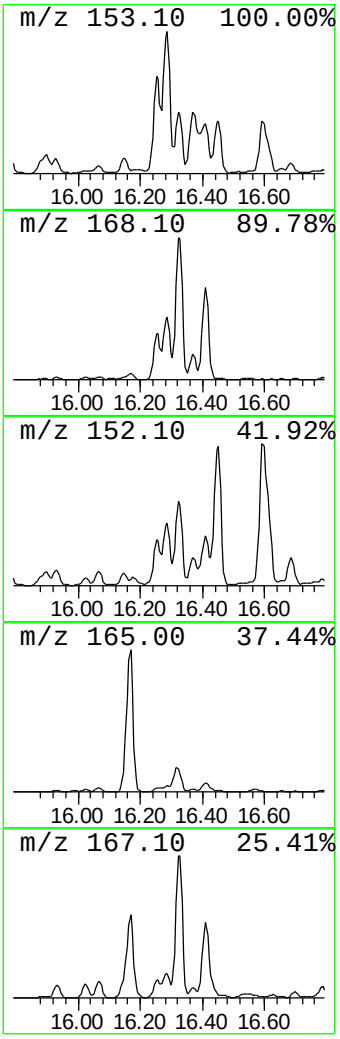
Peak Number 14 Benzene, [1-(2,4-cyclopenta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	22.62 ng/ul	4641840	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	50
5	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	50





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Quant Title : SVOA CALIBRATION

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

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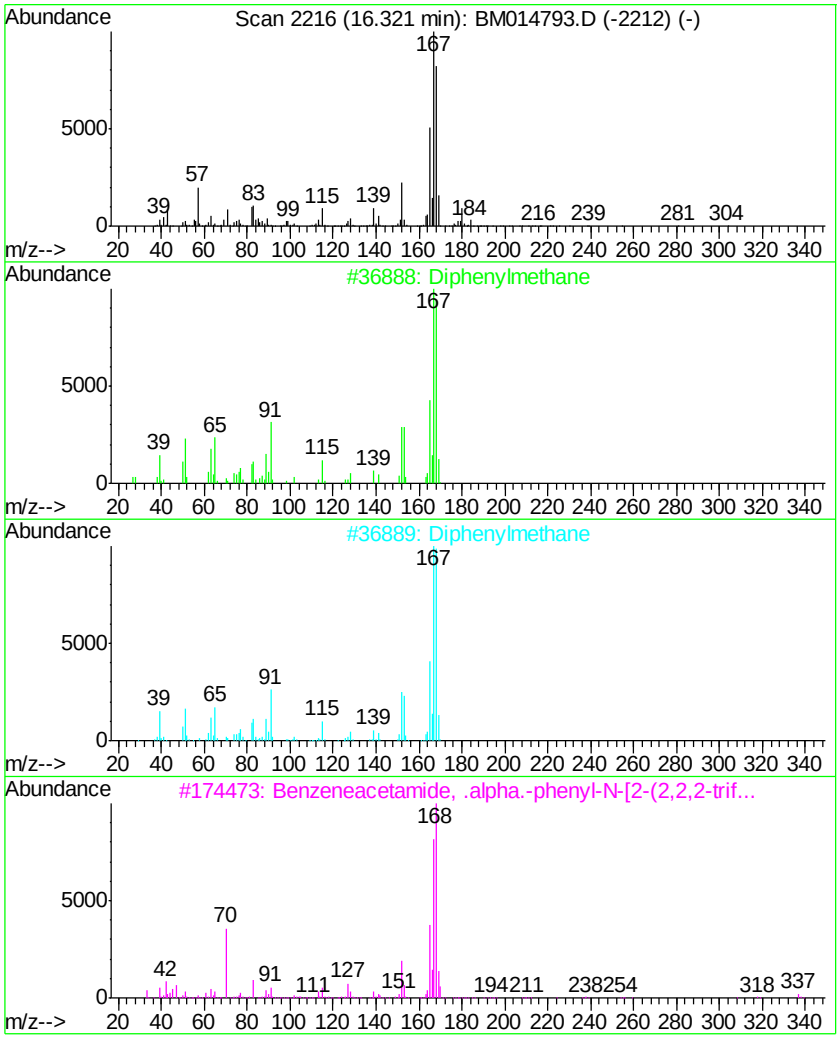
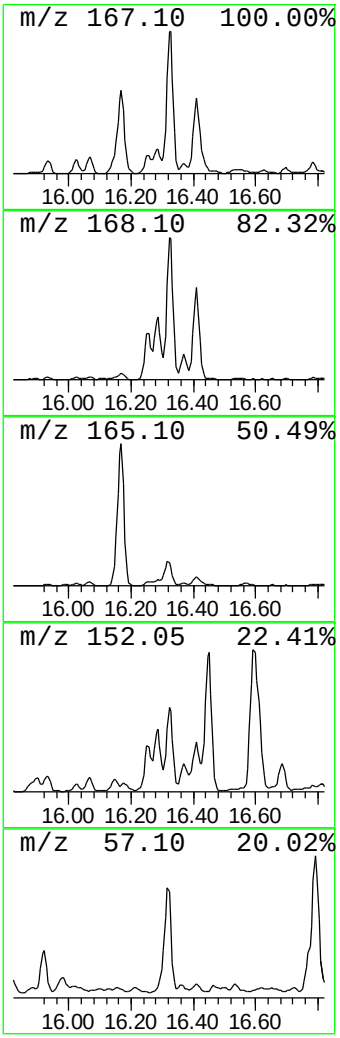
Peak Number 15 Diphenylmethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	66.18 ng/ul	13578700	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	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	80
4	Diphenylmethane	168	C13H12	000101-81-5	64
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60





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Quant Title : SVOA CALIBRATION

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

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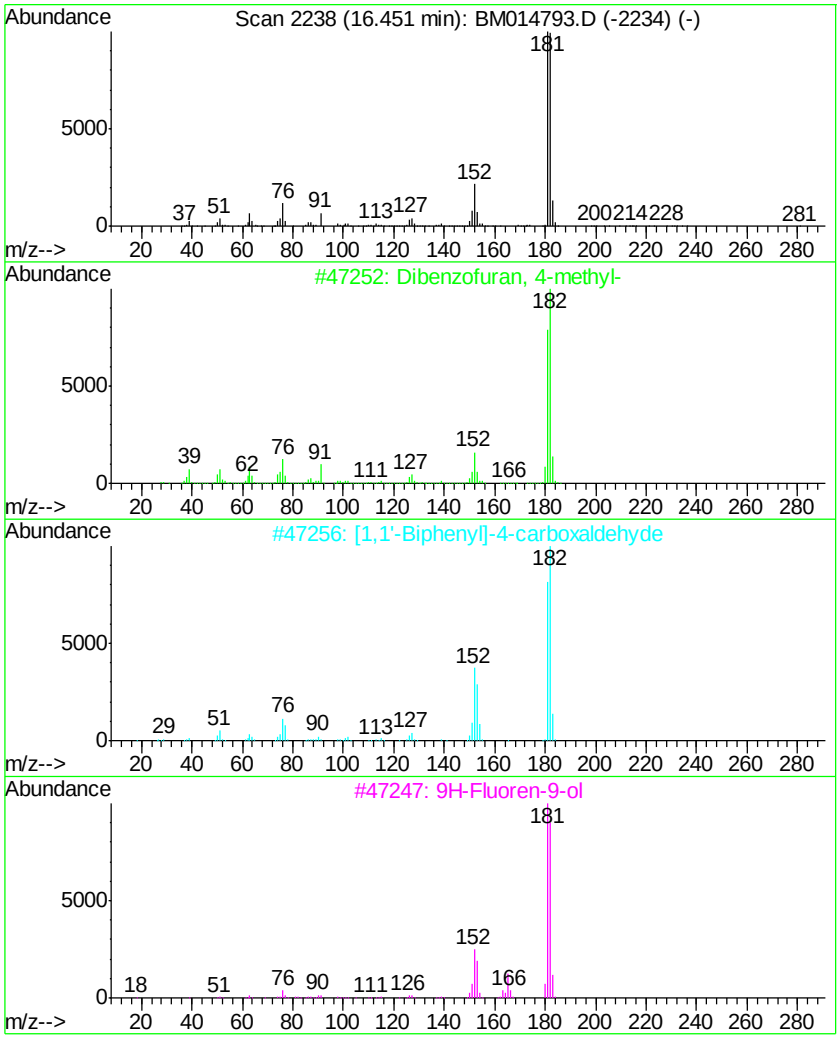
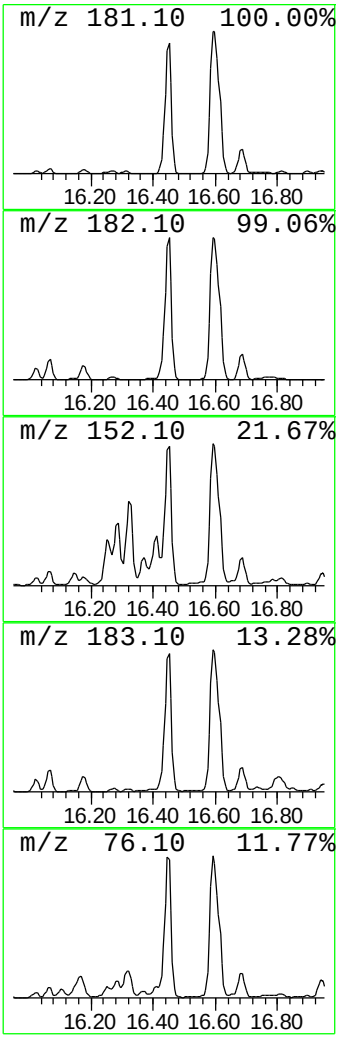
Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	74.65 ng/ul	15316900	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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TIC Library : C:\DATABASE\NIST11.L
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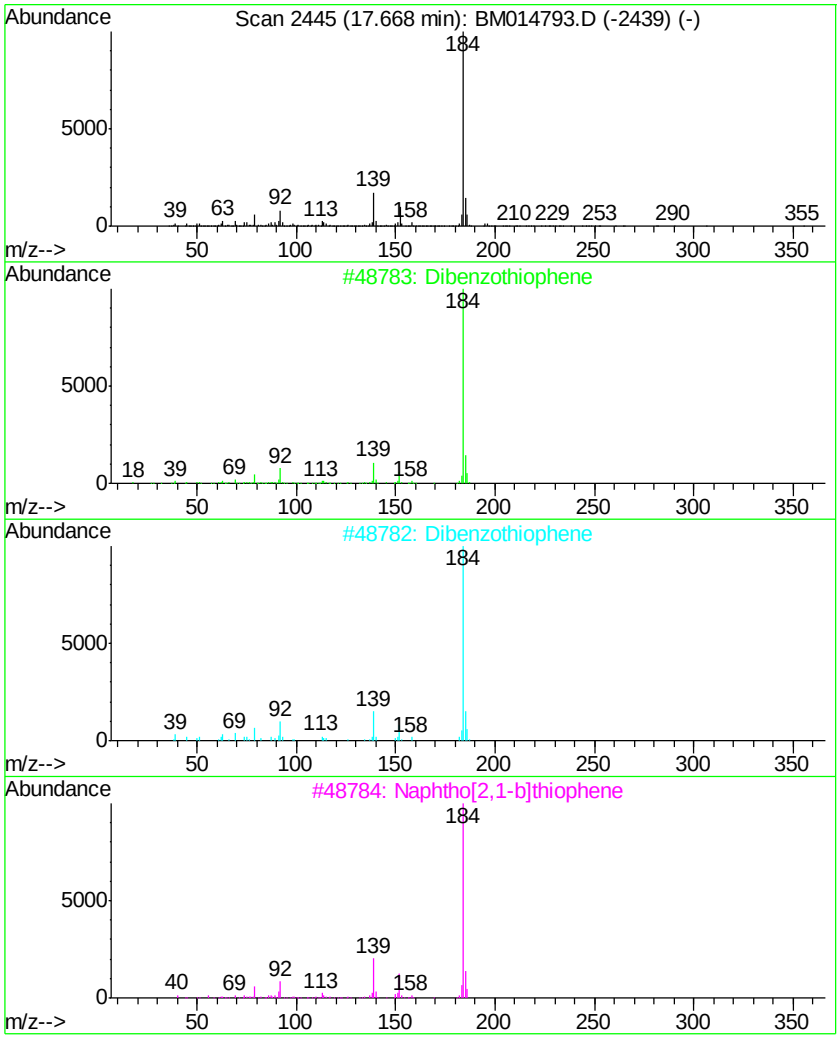
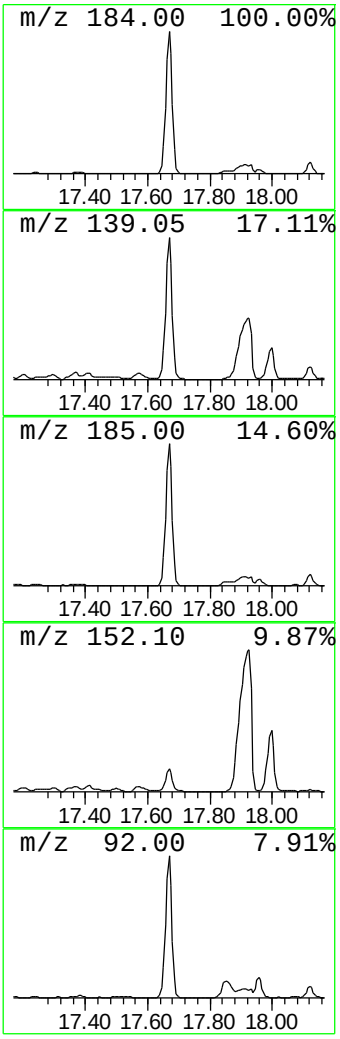
Peak Number 19 Dibenzothiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.53 ng/ul	22344300	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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TIC Library : C:\DATABASE\NIST11.L
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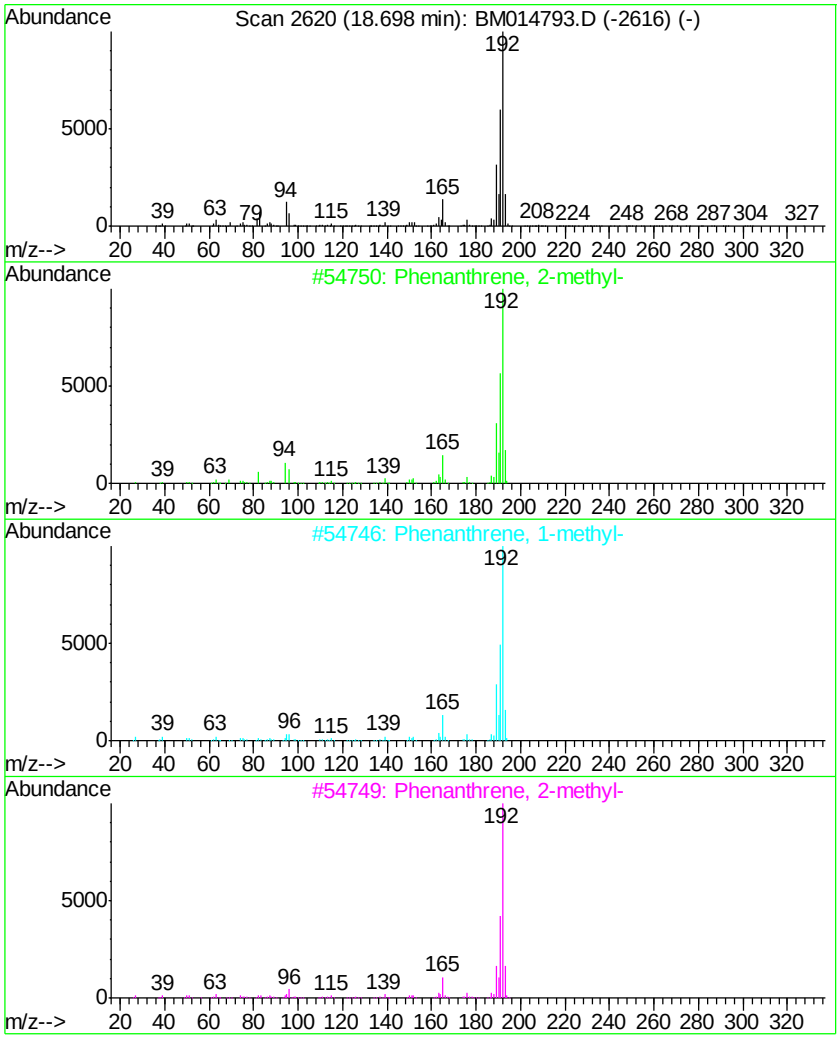
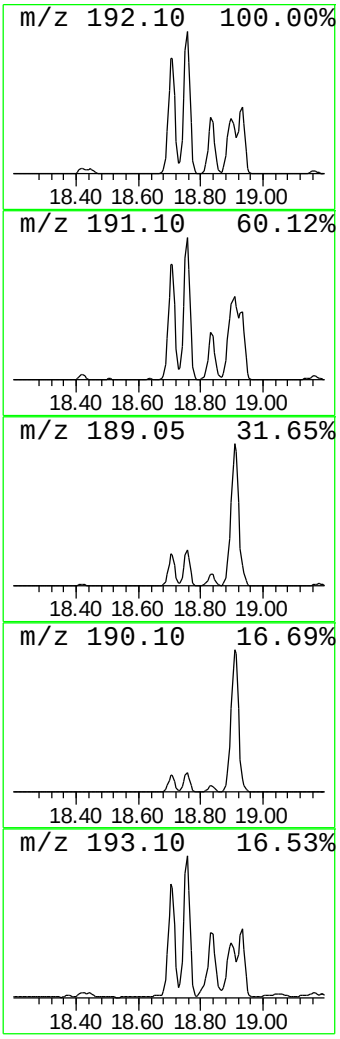
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.37 ng/ul	29847400	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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TIC Integration Parameters: LSCINT.P

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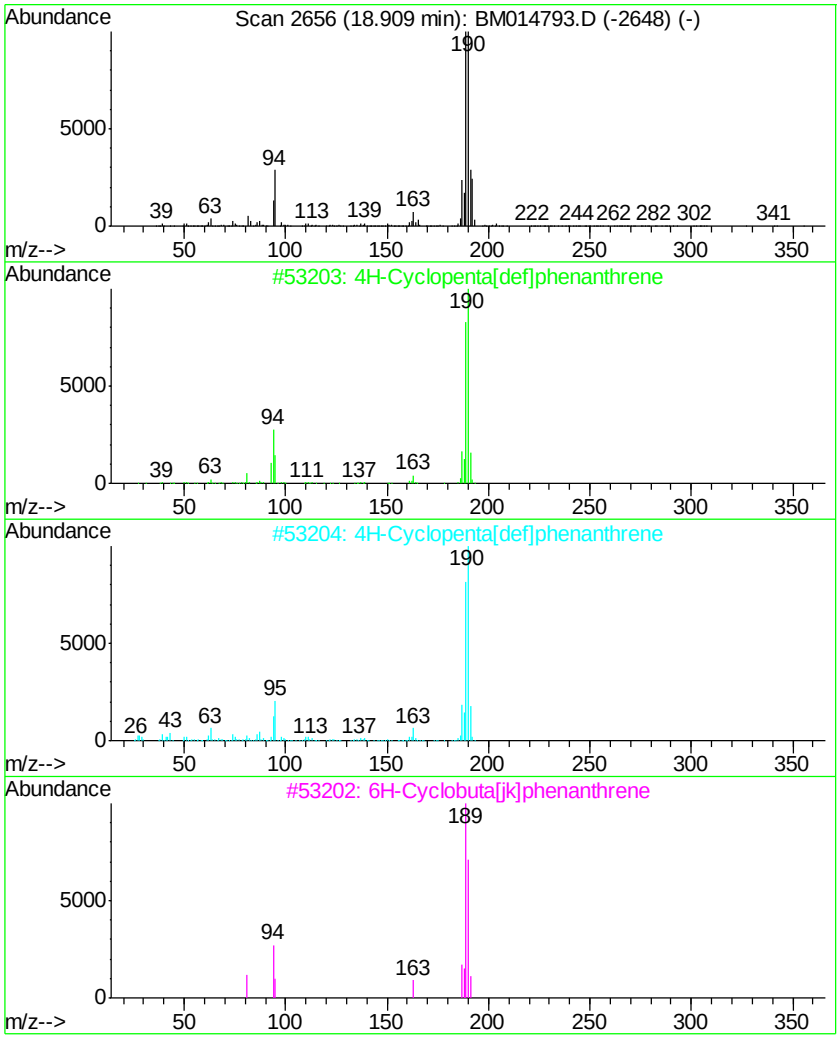
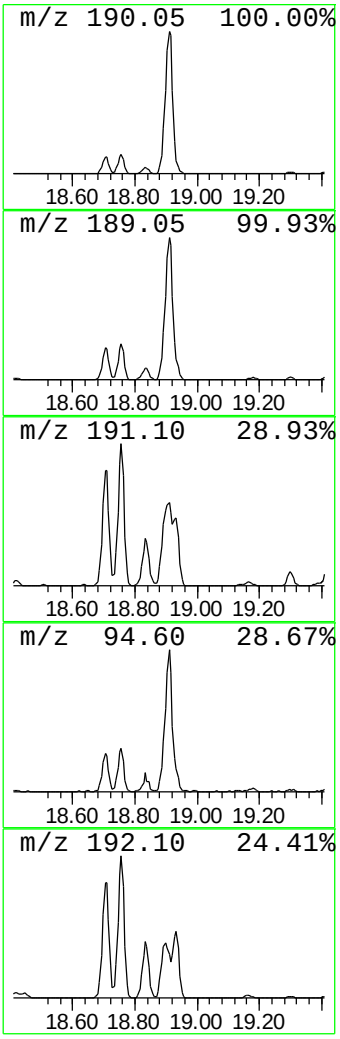
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	8.67 ng/ul	76680000	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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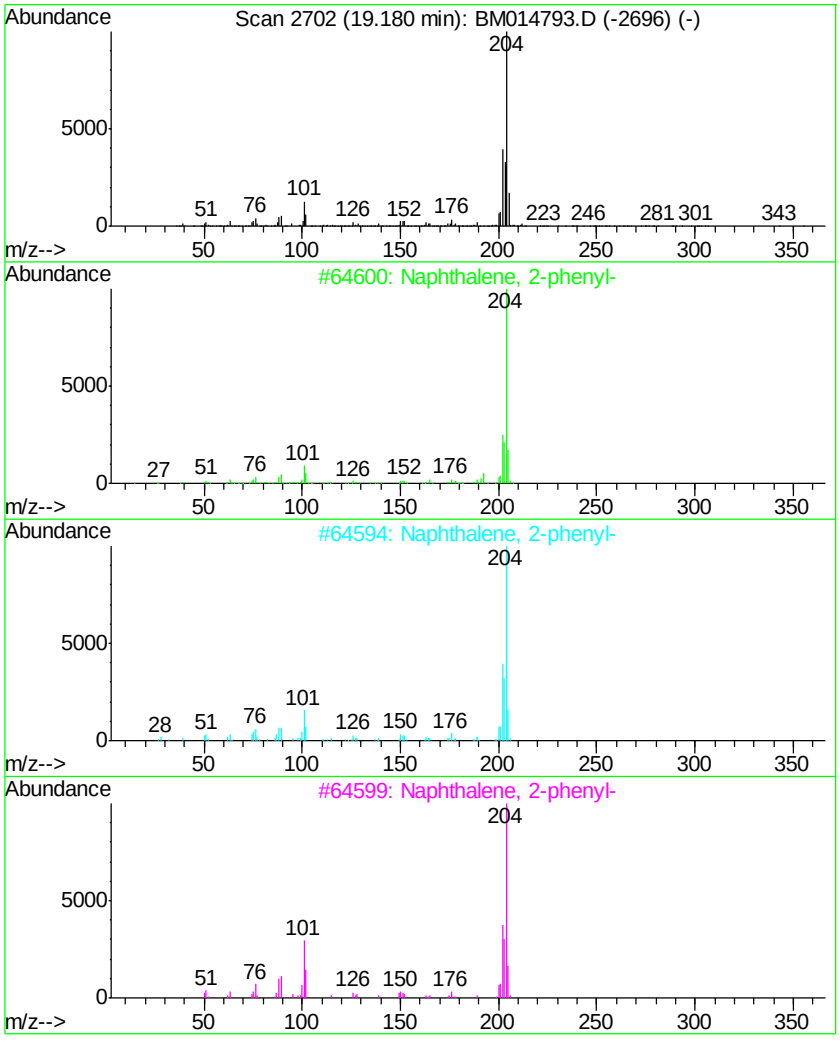
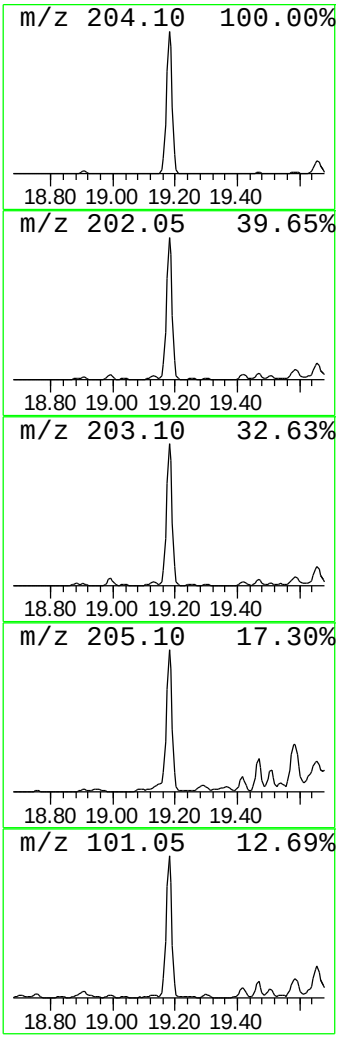
Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.74 ng/ul	24279400	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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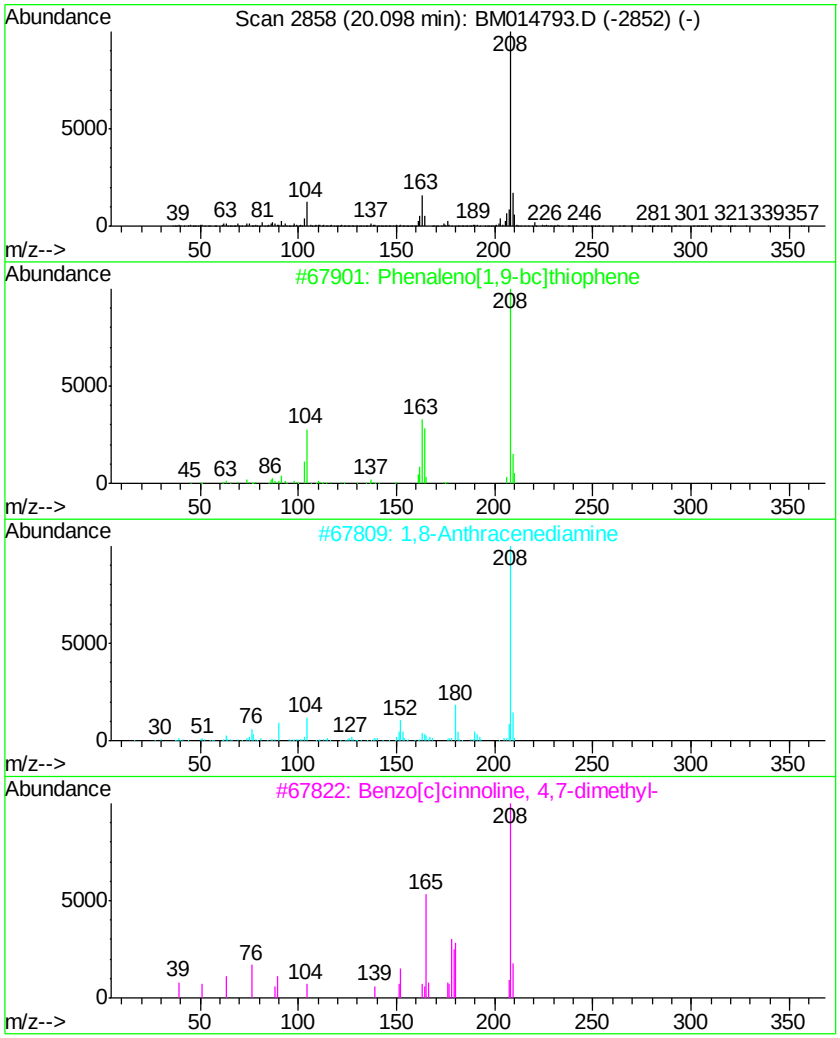
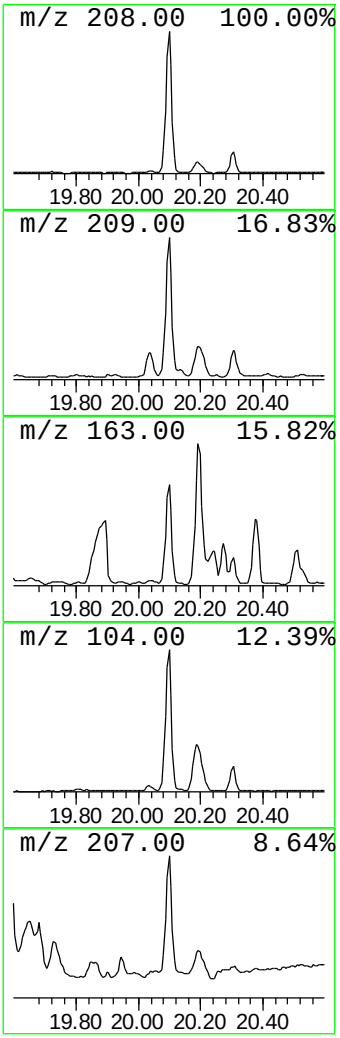
Peak Number 24 Phenaleno[1,9-bc]thiophene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.68 ng/ul	10344400	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	83
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	64
5	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	59





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Quant Title : SVOA CALIBRATION

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

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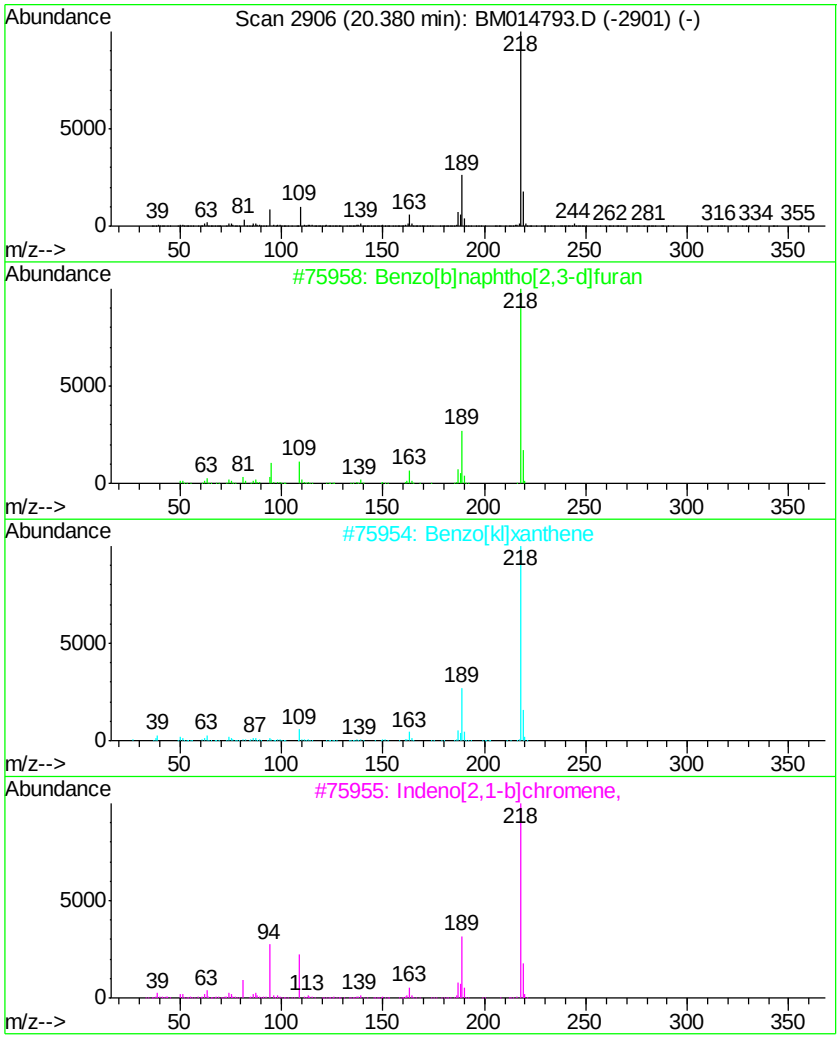
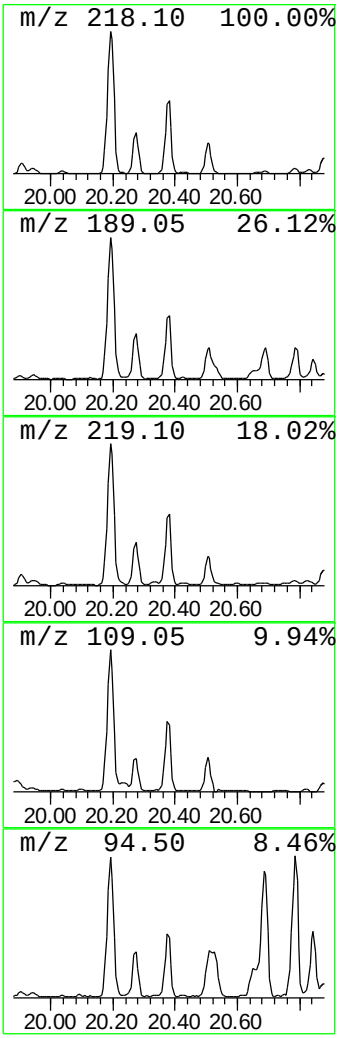
Peak Number 25 Benzo[b]naphtho[2,3-d]furan Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	3.13 ng/ul	12062400	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	94
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





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Quant Title : SVOA CALIBRATION

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

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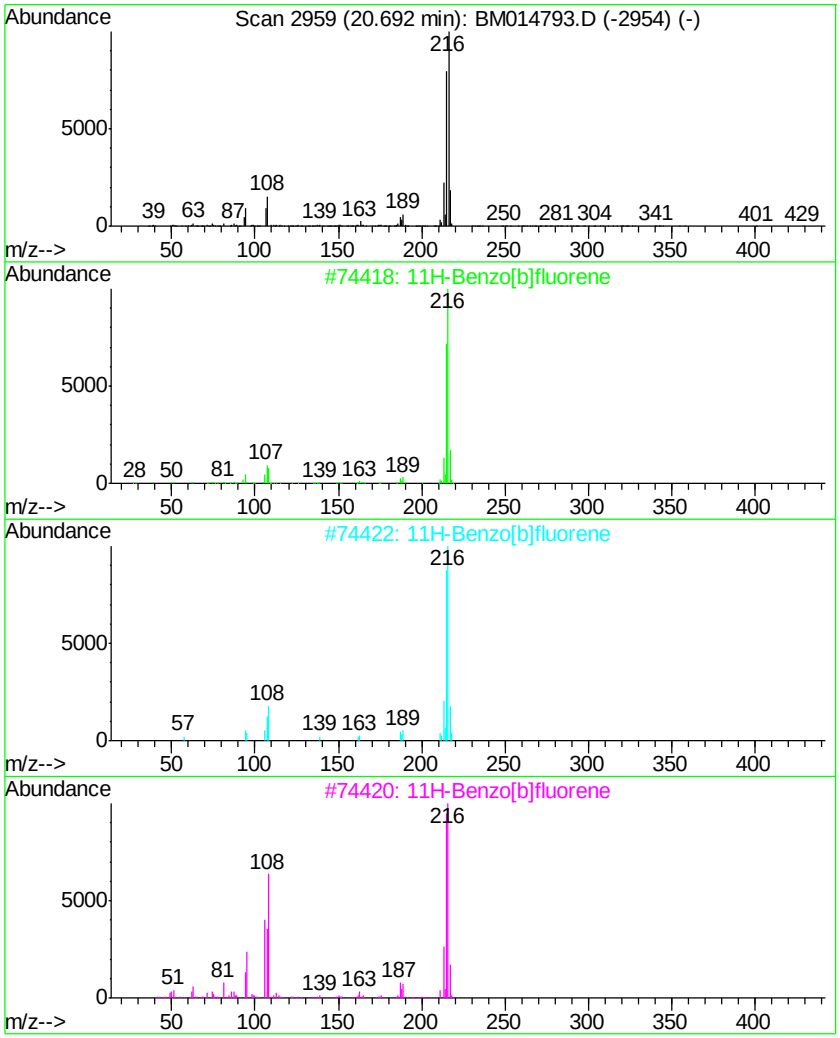
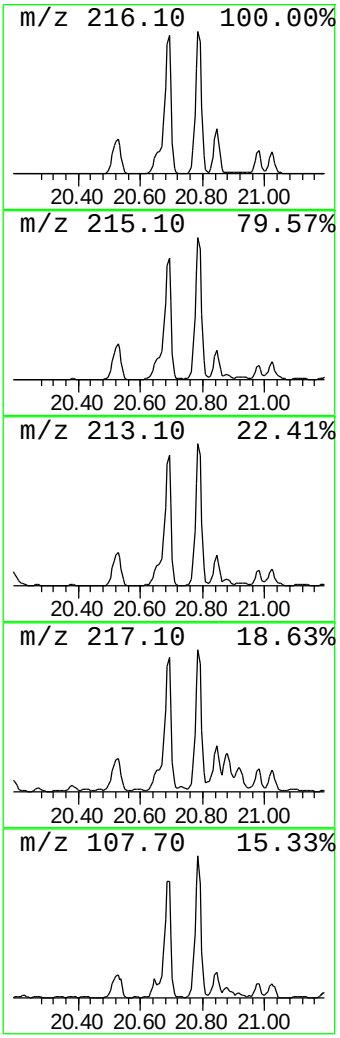
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	8.40 ng/ul	32365100	Chrysene-d12	21.94

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





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Quant Title : SVOA CALIBRATION

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

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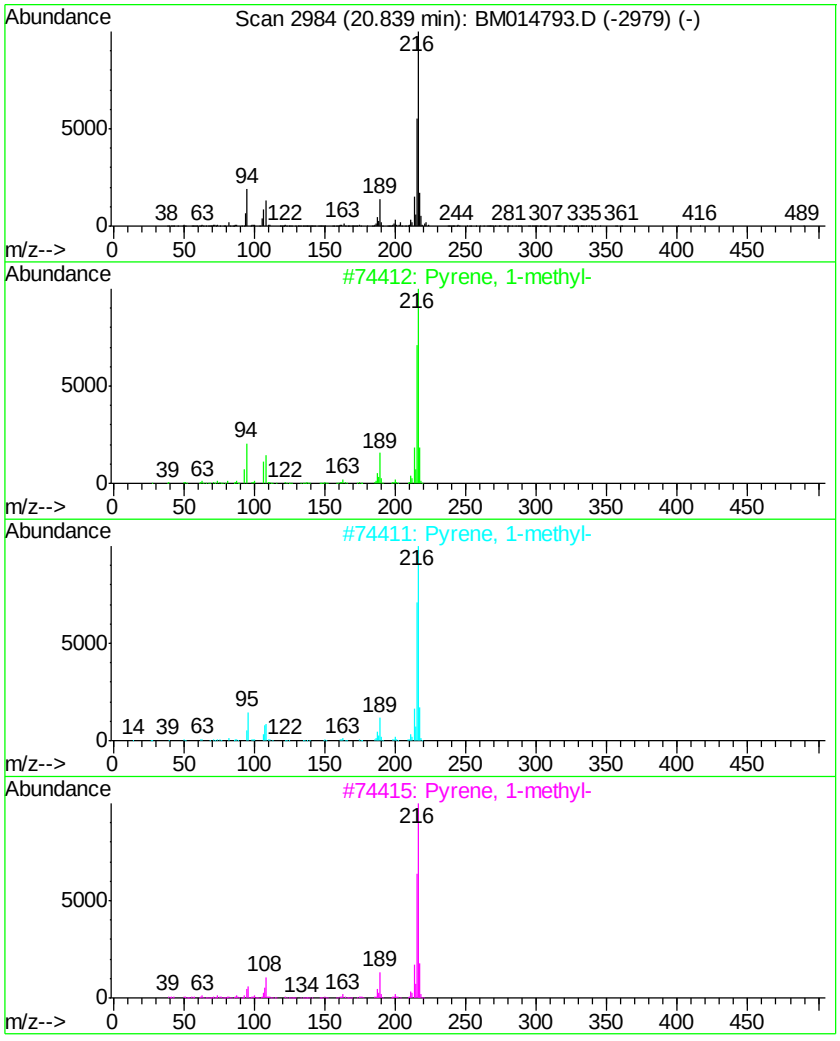
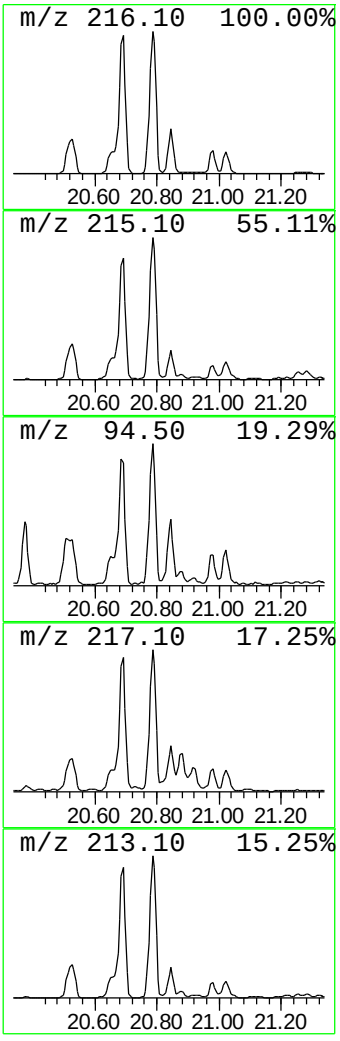
Peak Number 29 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.24 ng/ul	12492100	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94





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Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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Quant Title : SVOA CALIBRATION

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

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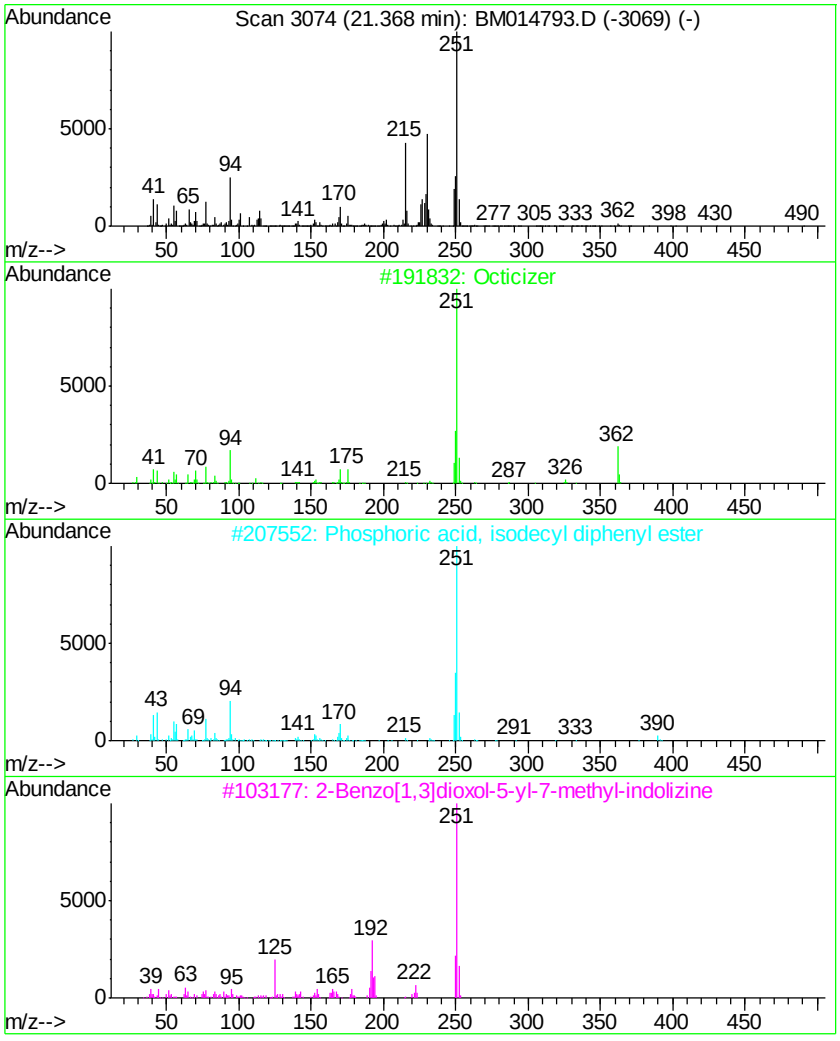
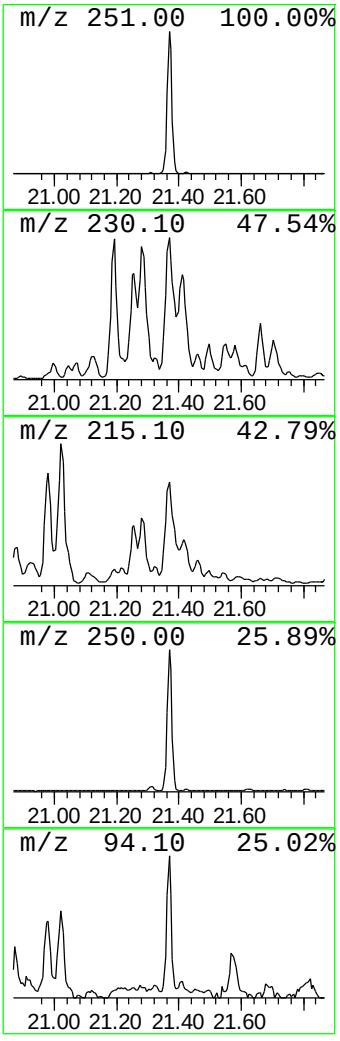
Peak Number 30 Octicizer Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.71 ng/ul	10444800	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	90
2	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	029761-21-5	53
3	2-Benzo[1,3]dioxol-5-yl-7-methyl...	251	C16H13NO2	1000274-75-9	25
4	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	25
5	7H-Pyrazolo[4,3-E][1,2,4]triazol...	251	C12H9N7	1000310-01-6	25





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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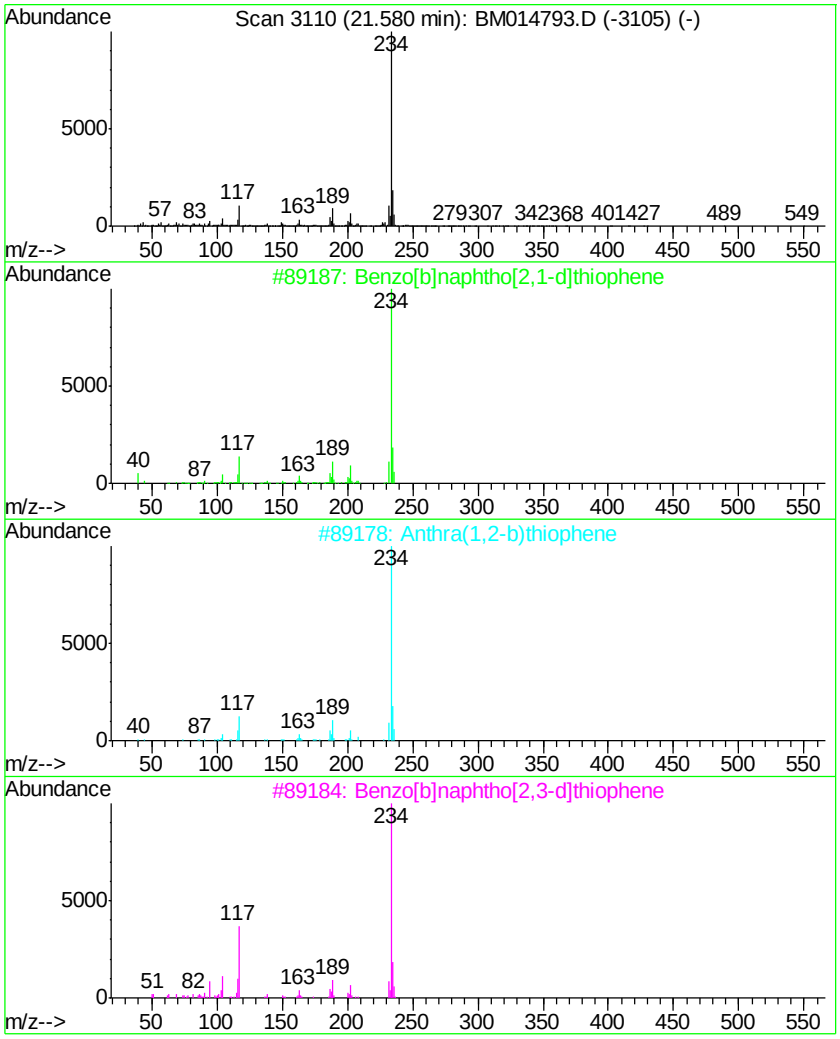
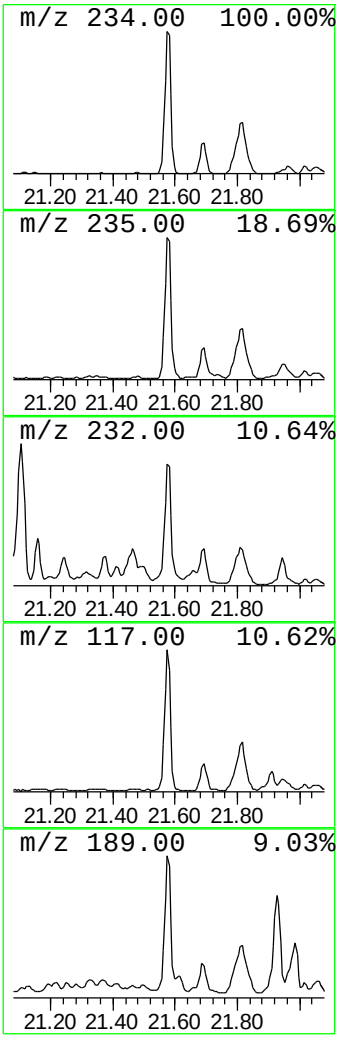
Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	2.93 ng/ul	11310300	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	96
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96





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Quant Title : SVOA CALIBRATION

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

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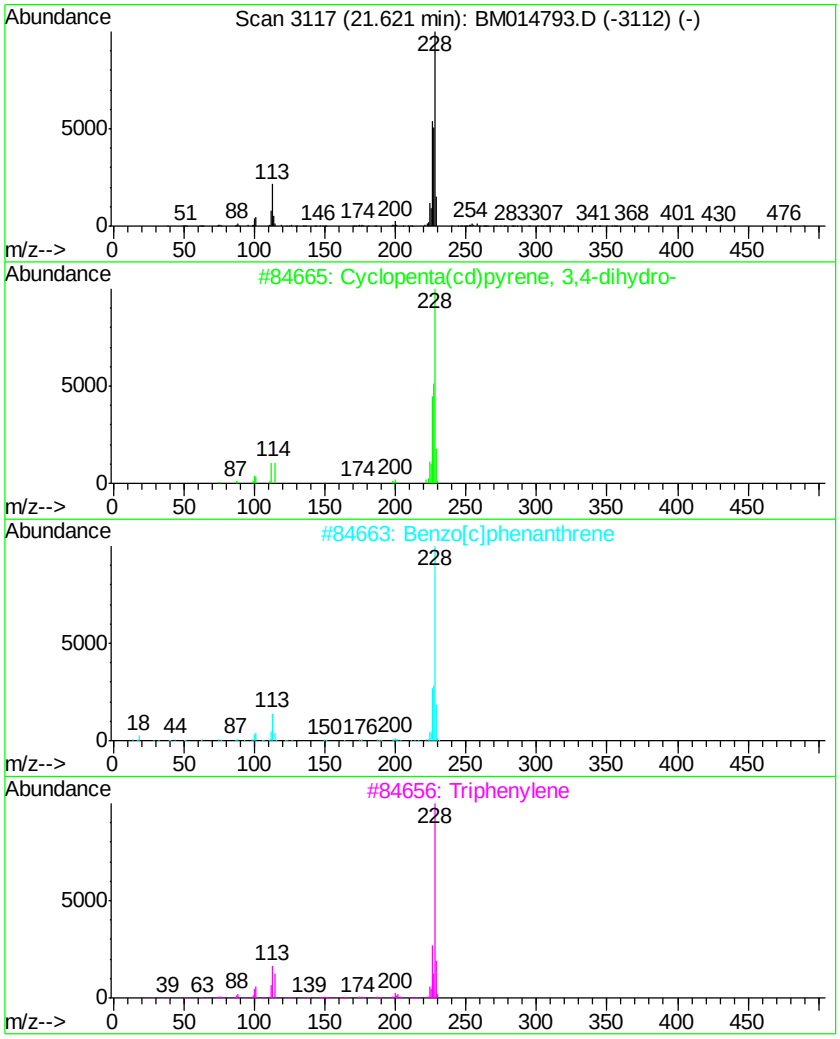
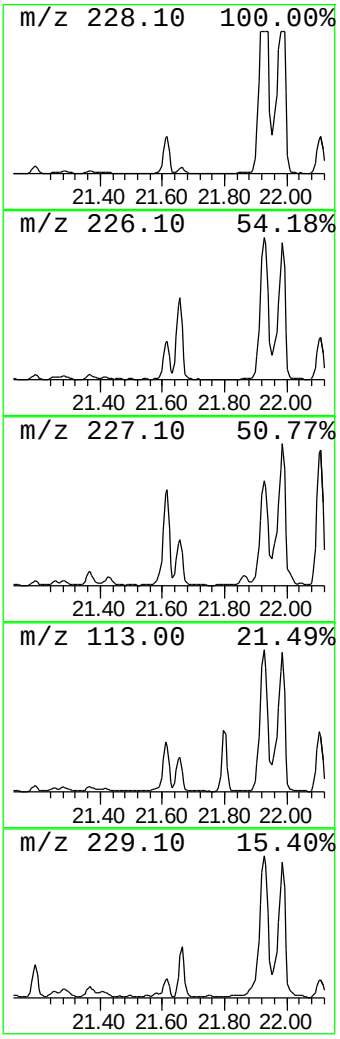
Peak Number 32 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	3.00 ng/ul	11566300	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Triphenylene	228	C18H12	000217-59-4	49
4	Benz[a]anthracene	228	C18H12	000056-55-3	43
5	Benz[a]anthracene	228	C18H12	000056-55-3	43





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Quant Title : SVOA CALIBRATION

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

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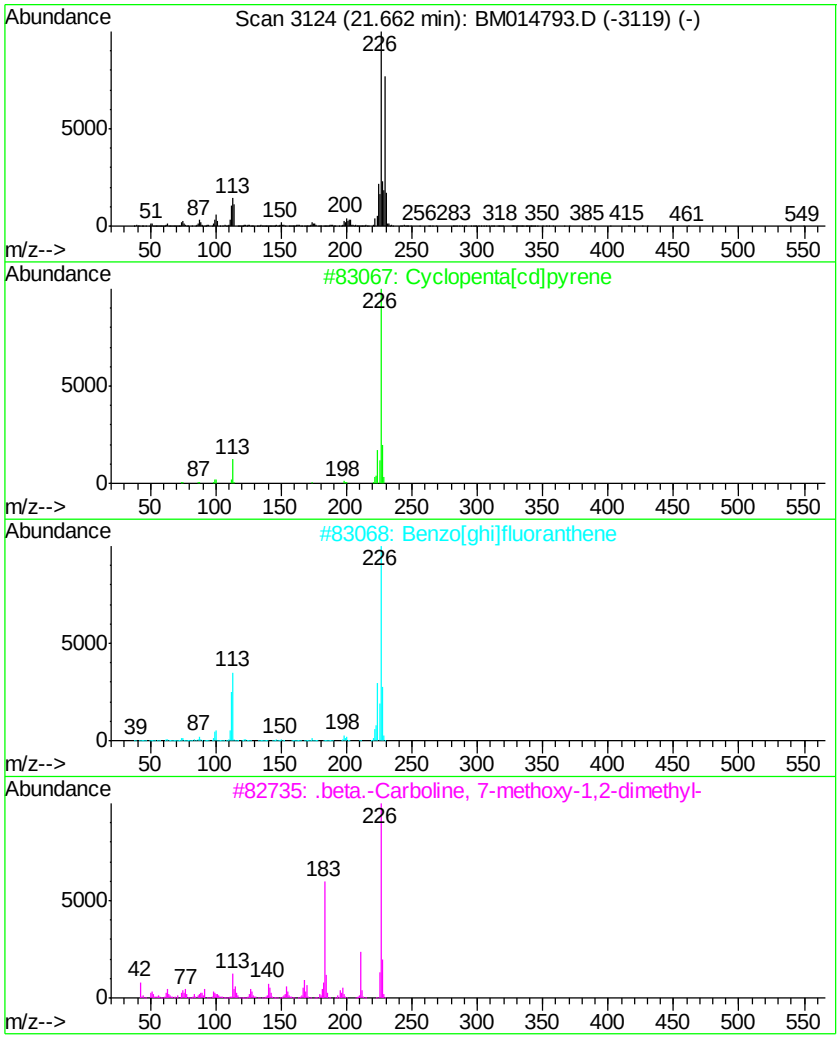
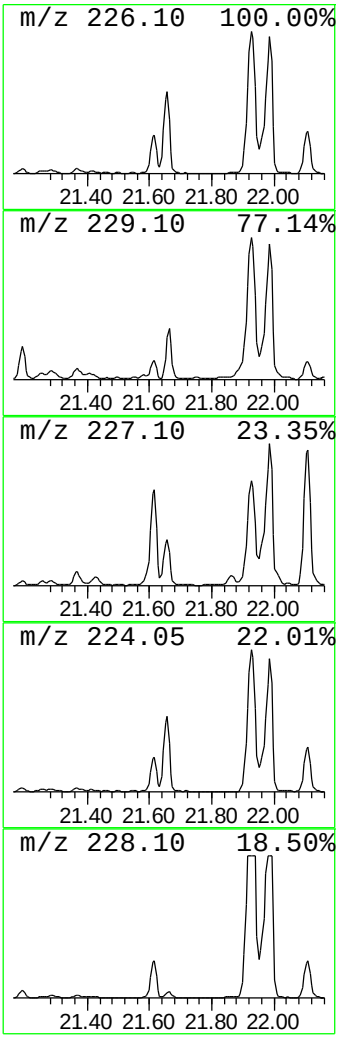
Peak Number 33 Cyclopenta[cd]pyrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	3.07 ng/ul	11847200	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	53
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	49
5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47





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Quant Title : SVOA CALIBRATION

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

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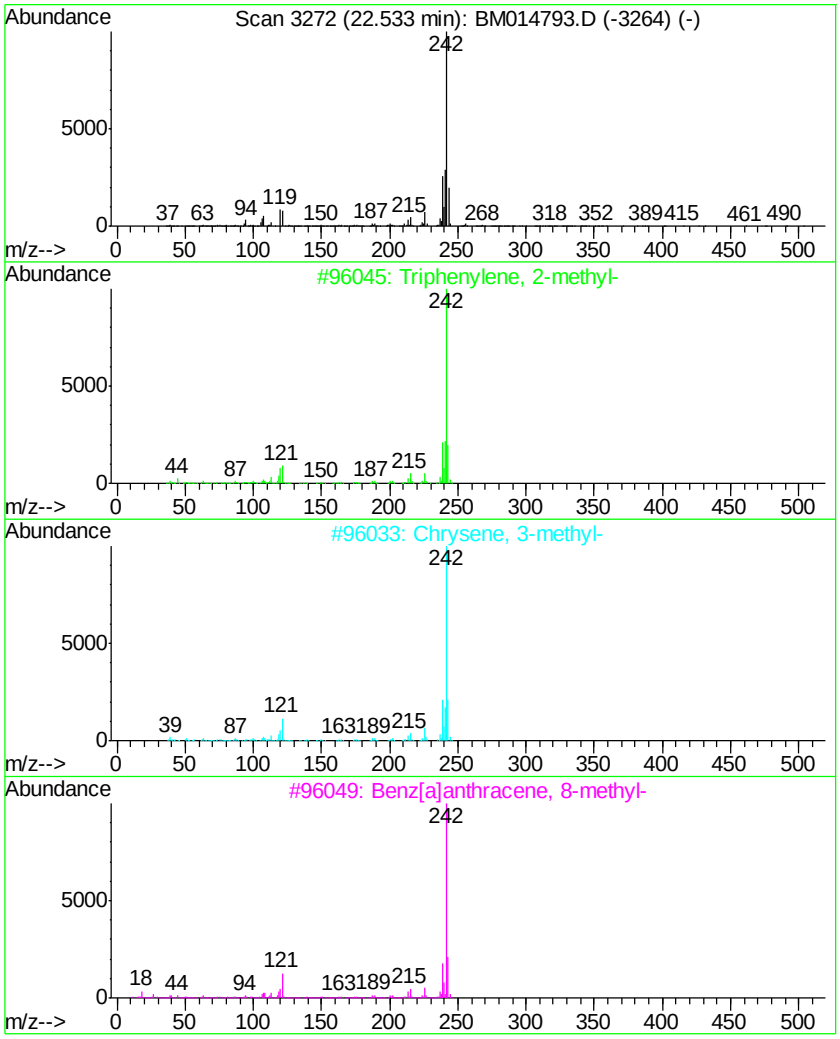
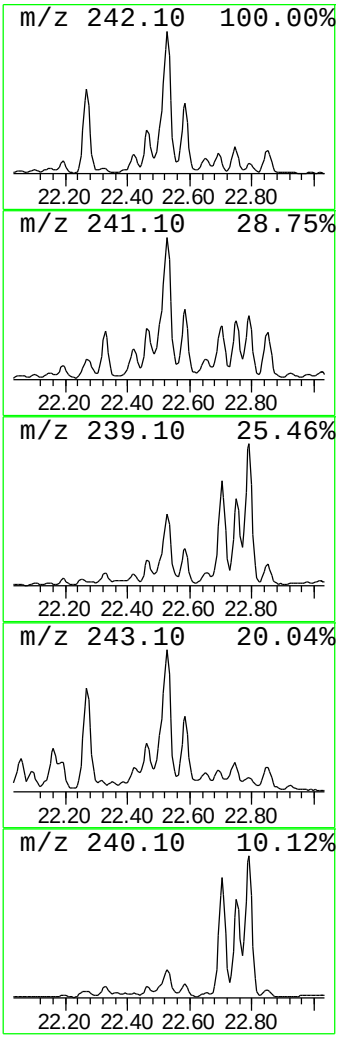
Peak Number 35 Triphenylene, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.77 ng/ul	10695800	Chrysene-d12	21.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





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Quant Title : SVOA CALIBRATION

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

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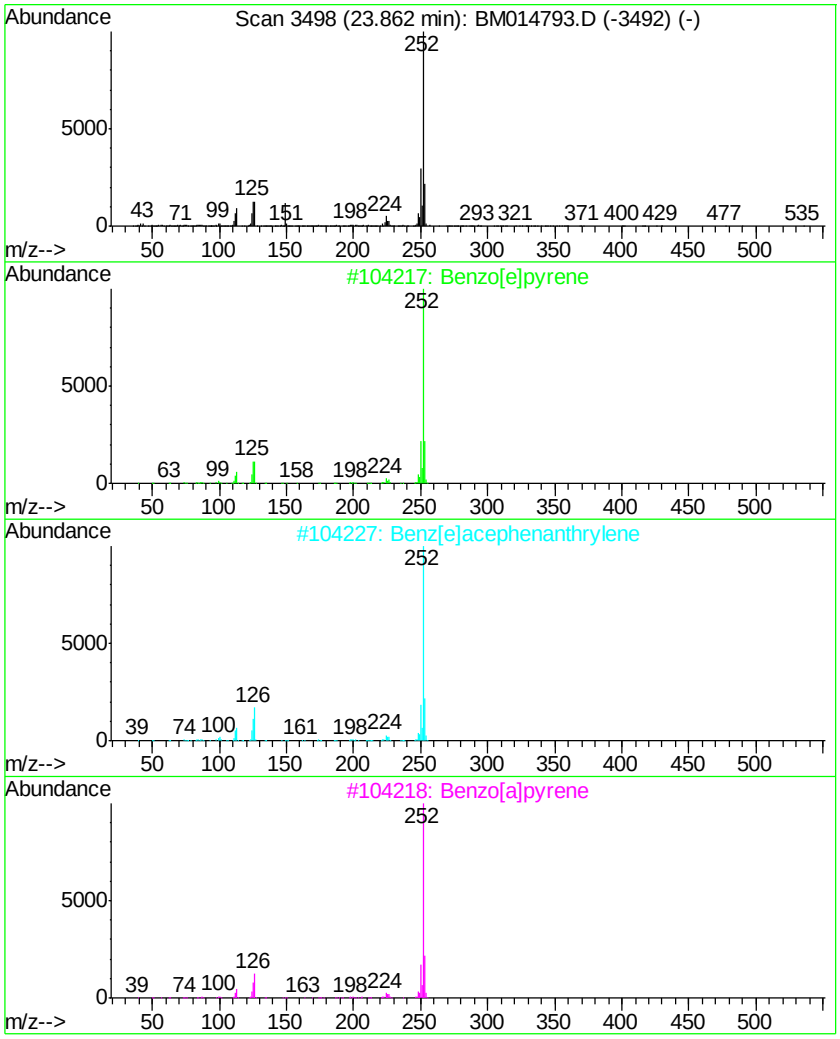
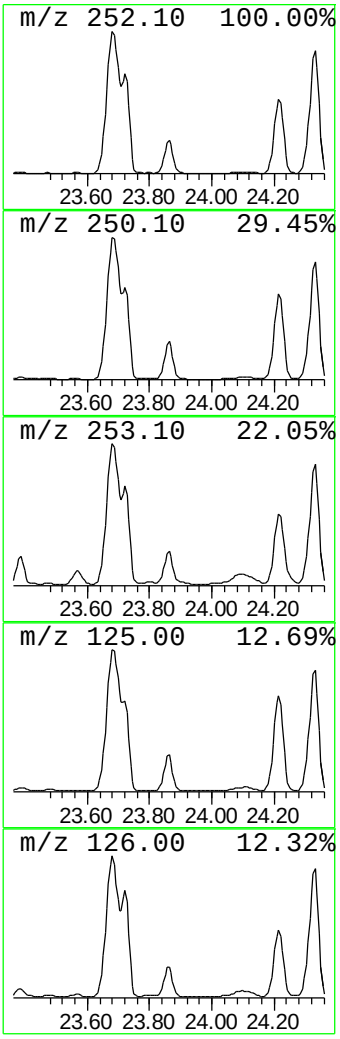
Peak Number 36 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	36.17 ng/ul	8701380	Perylene-d12	24.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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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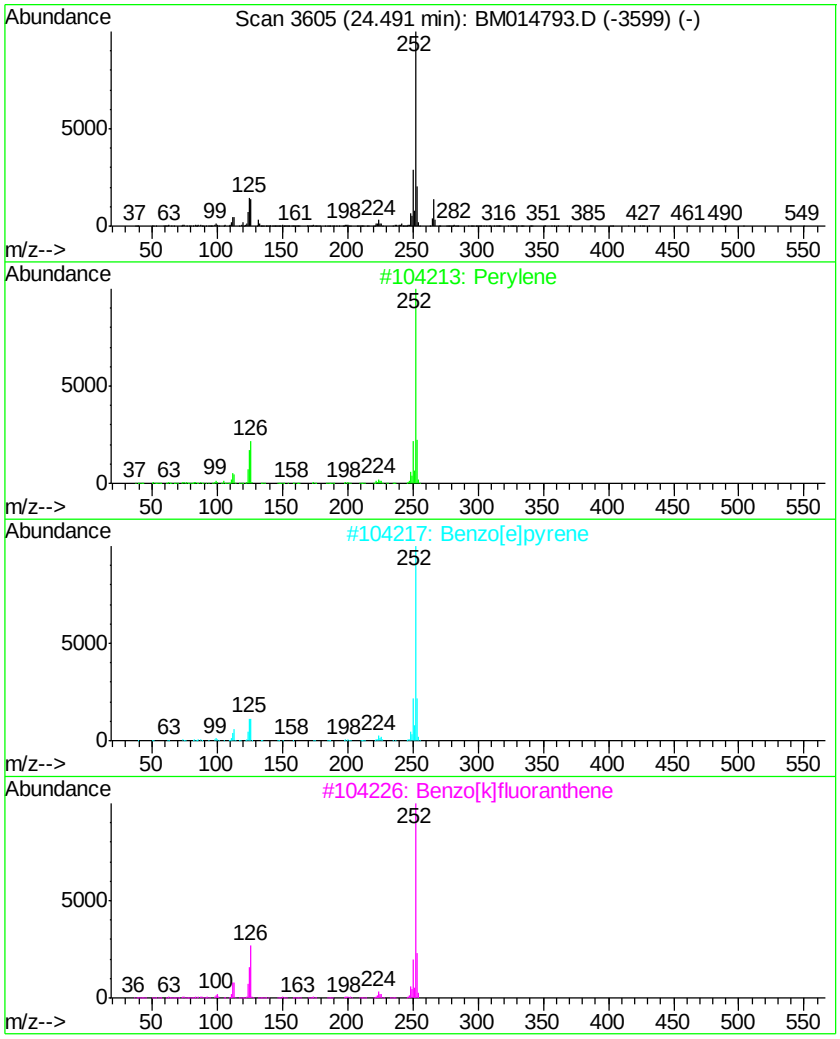
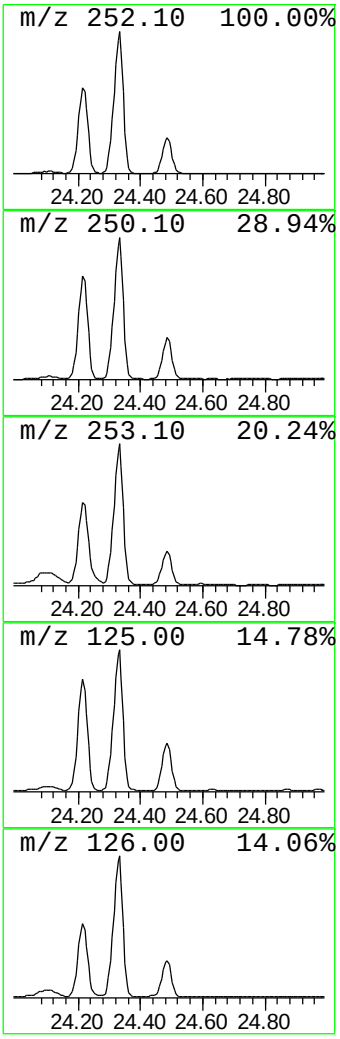
Peak Number 38 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.49	34.71 ng/ul	8349340	Perylene-d12	24.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP3

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...	9.10	8.7	ng/ul	3484990	1	8.53	8052590	20.0
(DEL) Alkane: Cyc...	9.64	9.2	ng/ul	3686890	1	8.53	8052590	20.0
unknown-01	9.89	10.6	ng/ul	4275220	1	8.53	8052590	20.0
(DEL) Alkane: Str...	10.00	20.3	ng/ul	4458820	2	11.37	4398140	20.0
(DEL) Alkane: Str...	10.17	13.9	ng/ul	3066900	2	11.37	4398140	20.0
Naphthalene, deca...	10.29	14.8	ng/ul	3248780	2	11.37	4398140	20.0
Naphthalene, 2,6-...	14.30	14.9	ng/ul	3053790	3	15.13	4103670	20.0
Naphthalene, 1,5-...	14.46	22.1	ng/ul	4533410	3	15.13	4103670	20.0
1-Isopropenylnaph...	15.43	18.4	ng/ul	3776870	3	15.13	4103670	20.0
Naphthalene, 2,3,...	15.59	28.1	ng/ul	5776140	3	15.13	4103670	20.0
Naphthalene, 1,6,...	15.73	18.0	ng/ul	3689890	3	15.13	4103670	20.0
Benzene, [1-(2,4-...	16.29	22.6	ng/ul	4641840	3	15.13	4103670	20.0
Diphenylmethane	16.32	66.2	ng/ul	13578700	3	15.13	4103670	20.0
Dibenzofuran, 4-m...	16.45	74.7	ng/ul	15316900	3	15.13	4103670	20.0
Dibenzothiophene	17.67	2.5	ng/ul	22344300	4	17.85	176953000	20.0
Phenanthrene, 2-m...	18.70	3.4	ng/ul	29847400	4	17.85	176953000	20.0
4H-Cyclopenta[def...	18.91	8.7	ng/ul	76680000	4	17.85	176953000	20.0
Naphthalene, 2-ph...	19.18	2.7	ng/ul	24279400	4	17.85	176953000	20.0
Phenaleno[1,9-bc]...	20.10	2.7	ng/ul	10344400	5	21.94	77087600	20.0
Benzo[b]naphtho[2...	20.38	3.1	ng/ul	12062400	5	21.94	77087600	20.0
11H-Benzo[b]fluorene	20.69	8.4	ng/ul	32365100	5	21.94	77087600	20.0
Pyrene, 1-methyl-	20.84	3.2	ng/ul	12492100	5	21.94	77087600	20.0
Octicizer	21.37	2.7	ng/ul	10444800	5	21.94	77087600	20.0
Benzo[b]naphtho[2...	21.58	2.9	ng/ul	11310300	5	21.94	77087600	20.0
Cyclopenta(cd)pyr...	21.62	3.0	ng/ul	11566300	5	21.94	77087600	20.0
Cyclopenta[cd]pyrene	21.66	3.1	ng/ul	11847200	5	21.94	77087600	20.0
Triphenylene, 2-m...	22.53	2.8	ng/ul	10695800	5	21.94	77087600	20.0
Benzo[e]pyrene	23.86	36.2	ng/ul	8701380	6	24.43	4811480	20.0
Perylene	24.49	34.7	ng/ul	8349340	6	24.43	4811480	20.0