LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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	7.022	630	635	640	rVB	7914129	11442145	3.37%	0.298%
2	7.116	646	651	660	rVB2	6786051	17802041	5.24%	0.464%
3	7.475	707	712	717	rVV	8897727	14073476	4.14%	0.367%
4	7.645	735	741	747	rBV	12913820	22548215	6.63%	0.588%
5	8.116	817	821	826	rVB	6762004	9894825	2.91%	0.258%
6	8.422	865	873	878	rBV3	3293769	9580970	2.82%	0.250%
7	8.487	879	884	889	rVB	17377935	26959388	7.93%	0.703%
8	8.575	894	899	907	rVB2	4218406	9644636	2.84%	0.251%
9	8.816	935	940	945	rVB2	7723234	11848169	3.48%	0.309%
10	9.045	971	979	983	rBV2	9335887	18170090	5.34%	0.474%
11	9.104	984	989	995	rVB2	11047144	19377617	5.70%	0.505%
12	9.175	995	1001	1005	rBV2	11323486	18814223	5.53%	0.490%
13	9.286	1014	1020	1026	rBV	9677831	16872751	4.96%	0.440%
14	9.645	1077	1081	1087	rVB2	6809705	12191559	3.59%	0.318%
15	9.745	1093	1098	1104	rVB2	9151724	17101702	5.03%	0.446%
16	9.892	1112	1123	1130	rVB6	7011482	19583168	5.76%	0.510%
17	10.004	1135	1142	1152	rVB5	4132045	12372060	3.64%	0.322%
18	10.175	1166	1171	1177	rVB2	7250780	11761048	3.46%	0.306%
19	10.433	1204	1215	1219	rBV	12194940	24812087	7.30%	0.647%
20	10.475	1219	1222	1229	rVB2	9268405	13999618	4.12%	0.365%
21	10.551	1229	1235	1239	rBV	12143416	21325365	6.27%	0.556%
22	10.698	1252	1260	1266	rBV2	9113532	20259104	5.96%	0.528%
23	10.816	1275	1280	1284	rVB2	10947083	16051954	4.72%	0.418%
24	11.051	1314	1320	1328	rVB	11028737	18970392	5.58%	0.494%
25	11.492	1389	1395	1401	rVB2	5463572	10268715	3.02%	0.268%
26	12.998	1645	1651	1659	rVB	9723906	15755521	4.63%	0.411%
27	13.974	1812	1817	1822	rVB	10066047	14607396	4.30%	0.381%
28	14.169	1845	1850	1862	rVB	11907433	20367981	5.99%	0.531%
29	14.321	1866	1876	1882	rVB	19157959	49106107	14.44%	1.280%
30	14.463	1893	1900	1905	rBV	21297268	40453255	11.90%	1.054%
31	14.516	1905	1909	1914	rVV2	16892148	24670122	7.26%	0.643%
32	14.692	1933	1939	1943	rBV	11703023	18299199	5.38%	0.477%
33	14.857	1956	1967	1975	rVB5	7352645	17401581	5.12%	0.453%
34	15.098	2002	2008	2012	rBV	18291654	26124119	7.68%	0.681%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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	15.210	2018	2027	2032	rBV3	49176664	98777448	29.05%	2.574%
36	15.327	2042	2047	2056	rVB	6116644	14590917	4.29%	0.380%
37	15.439	2058	2066	2070	rVV2	8824526	17629673	5.18%	0.459%
38	15.539	2074	2083	2088	rVV3	40583874	91804725	27.00%	2.392%
39	15.592	2088	2092	2100	rVB	9722151	15042510	4.42%	0.392%
40	15.727	2109	2115	2120	rBV	7099552	12600429	3.71%	0.328%
41	15.780	2120	2124	2129	rVB	7382570	10305425	3.03%	0.269%
42	15.898	2136	2144	2147	rBV	5588809	12215239	3.59%	0.318%
43	16.080	2171	2175	2184	rBV3	4675308	11141221	3.28%	0.290%
44	16.192	2184	2194	2195	rBV3	54664403	119092112	35.03%	3.104%
45	16.262	2201	2206	2209	rBV	9160687	15474724	4.55%	0.403%
46	16.298	2209	2212	2214	rVV	13608536	19690119	5.79%	0.513%
47	16.333	2214	2218	2223	rVV3	26871693	48575828	14.29%	1.266%
48	16.421	2228	2233	2235	rVV	16806405	25900896	7.62%	0.675%
49	16.457	2235	2239	2248	rVB	31260179	48302335	14.21%	1.259%
50	16.610	2256	2265	2271	rBV	29181255	71389385	21.00%	1.860%
51	16.792	2292	2296	2310	rVB3	5238386	12221806	3.59%	0.318%
52	16.945	2317	2322	2327	rVB	13551111	18702723	5.50%	0.487%
53	17.157	2346	2358	2362	rBV2	24785816	49580807	14.58%	1.292%
54	17.204	2362	2366	2371	rVV2	8108027	12037699	3.54%	0.314%
55	17.304	2379	2383	2387	rVB	9590213	14268612	4.20%	0.372%
56	17.374	2387	2395	2398	rBV2	7445904	17803968	5.24%	0.464%
57	17.580	2424	2430	2435	rBV2	7635003	17146604	5.04%	0.447%
58	17.680	2440	2447	2465	rVB2	39852555	77618564	22.83%	2.023%
59	17.933	2477	2490	2499	rBV7	58588806	340018687	100.00%	8.861%
60	18.045	2502	2509	2513	rVB2	53399139	111322667	32.74%	2.901%
61	18.239	2538	2542	2557	rVB3	4445276	14262030	4.19%	0.372%
62	18.351	2557	2561	2567	rBV	10178304	14271326	4.20%	0.372%
63	18.715	2617	2623	2627	rVV2	37187693	64932703	19.10%	1.692%
64	18.768	2627	2632	2637	rVB2	44224168	75135462	22.10%	1.958%
65	18.851	2638	2646	2651	rBV	18986505	33939529	9.98%	0.884%
66	18.927	2651	2659	2667	rVB3	55007556	151574608	44.58%	3.950%
67	19.186	2697	2703	2709	rVB	32823008	49231913	14.48%	1.283%
68	19.592	2766	2772	2777	rBV	9688856	19806362	5.83%	0.516%
69	19.662	2781	2784	2792	rVB2	7303679	14382365	4.23%	0.375%
70	19.892	2811	2823	2827	rBV4	56788302	220750787	64.92%	5.753%
71	20.109	2855	2860	2865	rBV	10383409	15260111	4.49%	0.398%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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	20.227	2871	2880	2885	rBV2	66529152	201148735	59.16%	5.242%
73	20.386	2903	2907	2911	rVB	20198500	24477129	7.20%	0.638%
74	20.521	2923	2930	2936	rBV2	16432428	37709263	11.09%	0.983%
75	20.656	2947	2953	2955	rVV3	8565452	15696686	4.62%	0.409%
76	20.703	2955	2961	2965	rVB2	37927580	62909366	18.50%	1.639%
77	20.797	2970	2977	2981	rVV	43524961	76038491	22.36%	1.982%
78	20.856	2984	2987	2989	rVV	17193429	21851704	6.43%	0.569%
79	20.880	2989	2991	2995	rVV	8951003	12067436	3.55%	0.314%
80	20.986	3005	3009	3013	rVV	8440039	13231386	3.89%	0.345%
81	21.027	3013	3016	3026	rVB2	10539922	22484875	6.61%	0.586%
82	21.192	3040	3044	3051	rBV3	9162930	13317139	3.92%	0.347%
83	21.374	3070	3075	3079	rBV	16034439	23040633	6.78%	0.600%
84	21.580	3106	3110	3113	rBV	15917276	21678979	6.38%	0.565%
85	21.615	3113	3116	3120	rVB	16433576	21654464	6.37%	0.564%
86	21.662	3120	3124	3128	rBV2	18947324	25433965	7.48%	0.663%
87	21.803	3142	3148	3158	rBV2	42829938	65049598	19.13%	1.695%
88	21.944	3162	3172	3175	rVV4	57904891	141355002	41.57%	3.684%
89	22.003	3176	3182	3188	rVB2	51920362	103043787	30.31%	2.685%
90	22.115	3196	3201	3206	rBV	19383711	29038510	8.54%	0.757%
91	22.274	3223	3228	3233	rBV	12869427	19239091	5.66%	0.501%
92	22.533	3266	3272	3276	rVB	8613390	14485537	4.26%	0.377%
93	22.709	3297	3302	3306	rVV2	6647910	10970073	3.23%	0.286%
94	22.756	3306	3310	3314	rVV3	9662978	17681251	5.20%	0.461%
95	22.797	3314	3317	3322	rVV	9083017	12763758	3.75%	0.333%
96	23.697	3459	3470	3474	rBV2	29678194	87883475	25.85%	2.290%
97	23.868	3493	3499	3510	rVB2	9448129	19556042	5.75%	0.510%
98	24.233	3553	3561	3566	rBV	16165995	34359321	10.11%	0.895%
99	24.350	3572	3581	3591	rVB	25586995	61606694	18.12%	1.605%
100	24.497	3601	3606	3613	rVB2	9046464	18247136	5.37%	0.476%

Sum of corrected areas: 3837332444

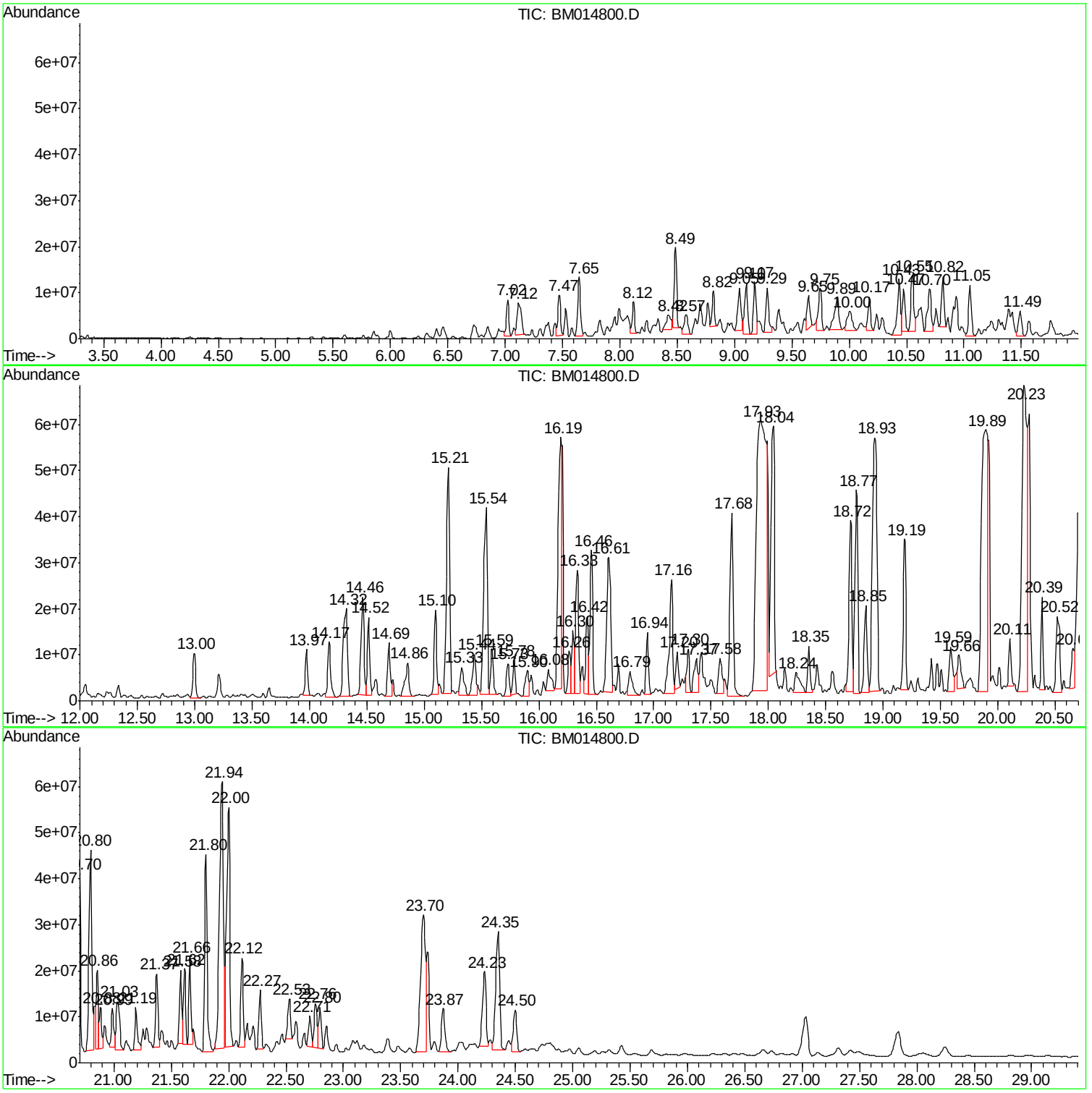
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6

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 : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

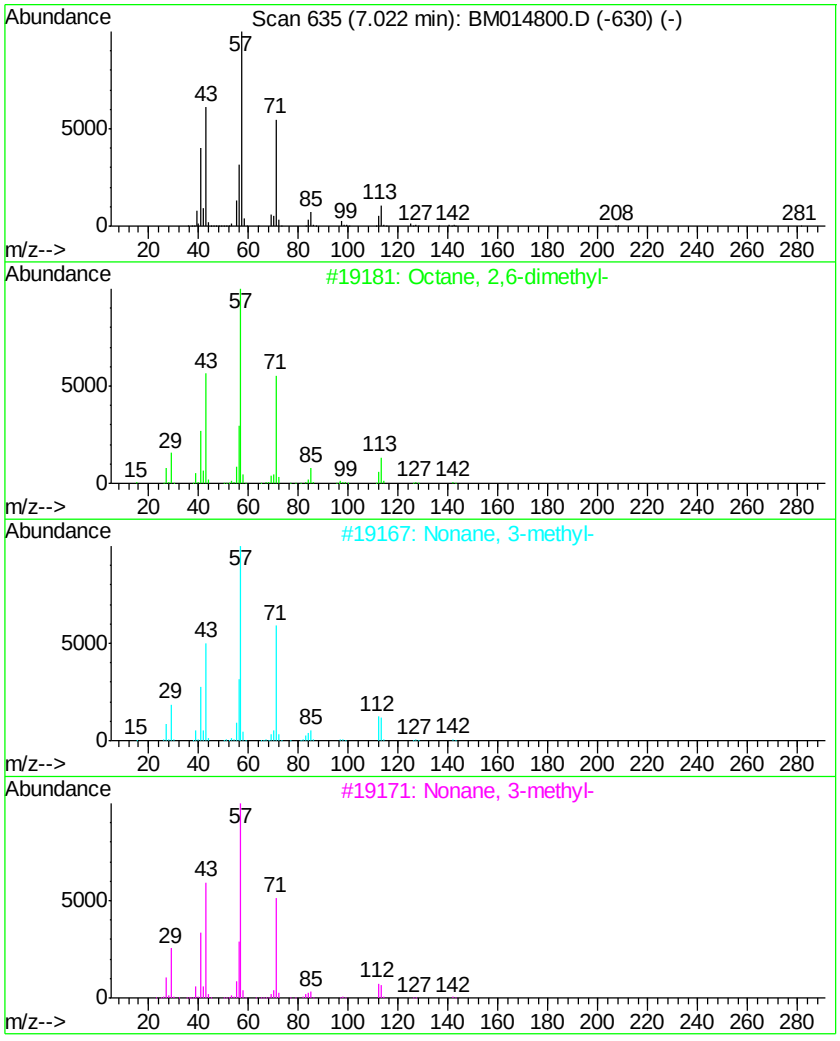
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

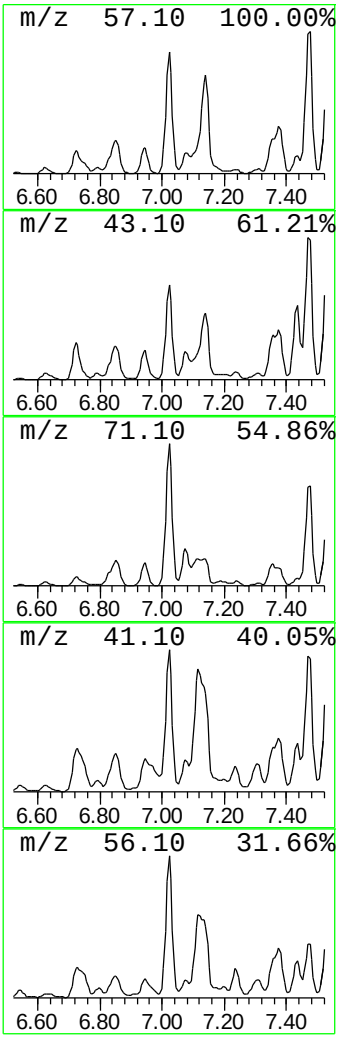
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	8.49 ng/ul	11442100	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

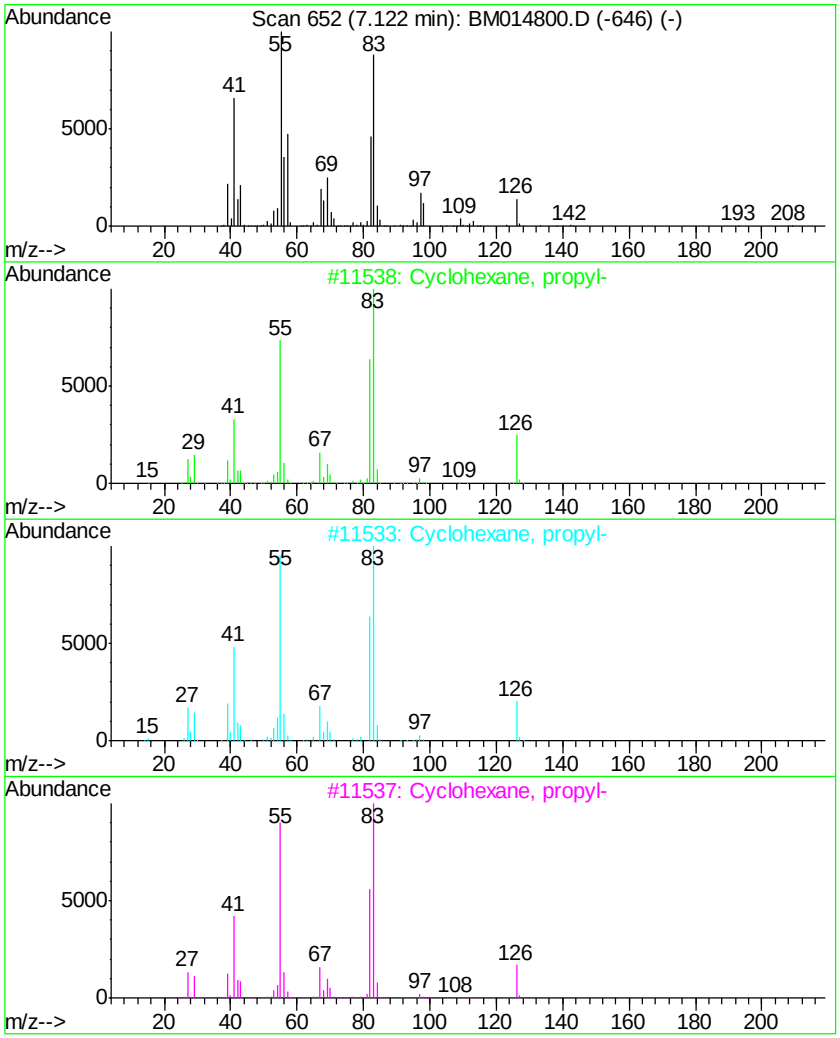
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

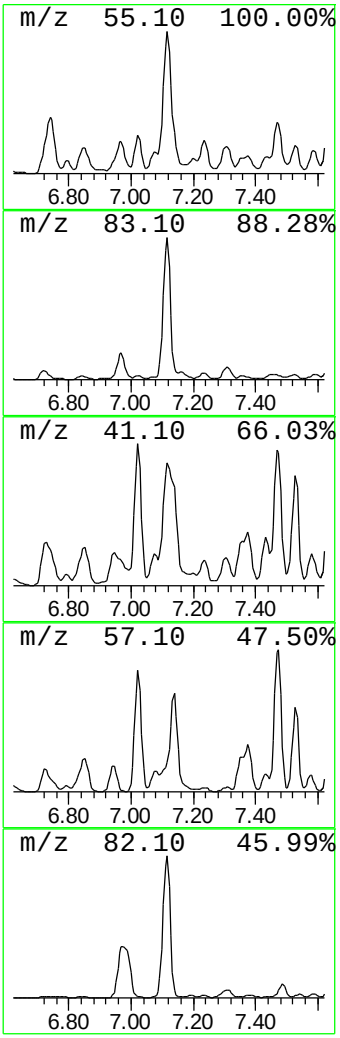
****

Peak Number 2 (DEL) Alkane: Cyclic7.12 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	13.21 ng/ul	17802000	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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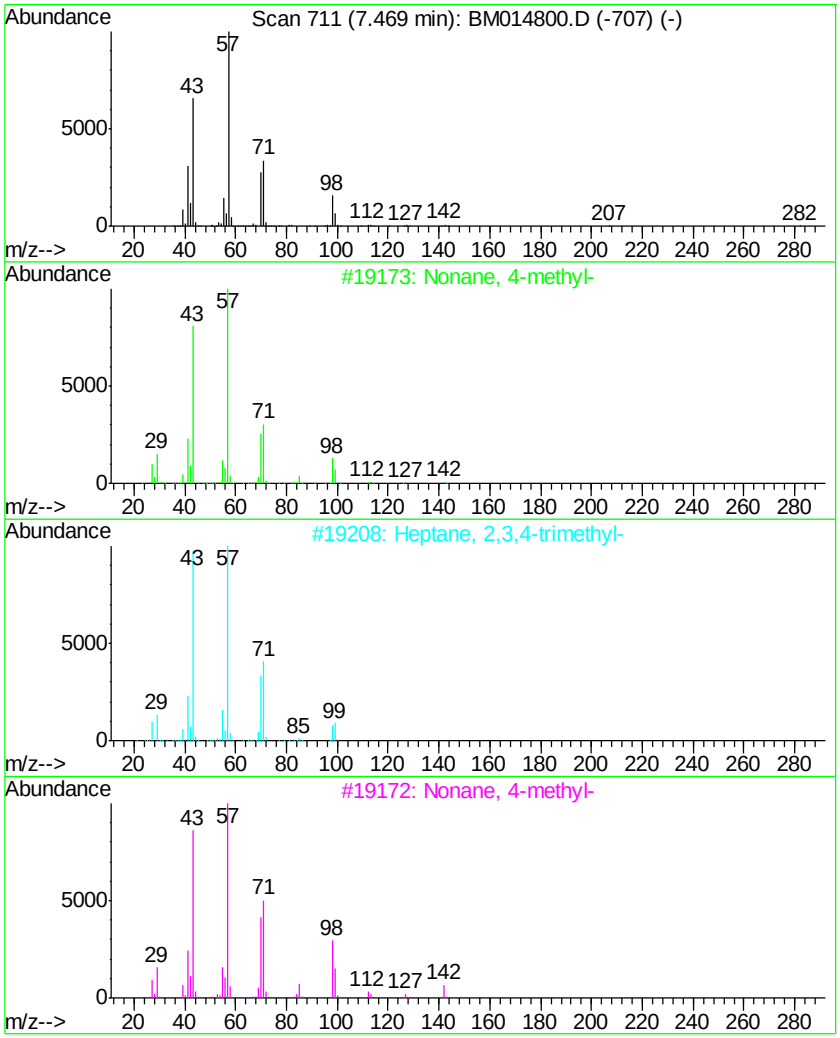
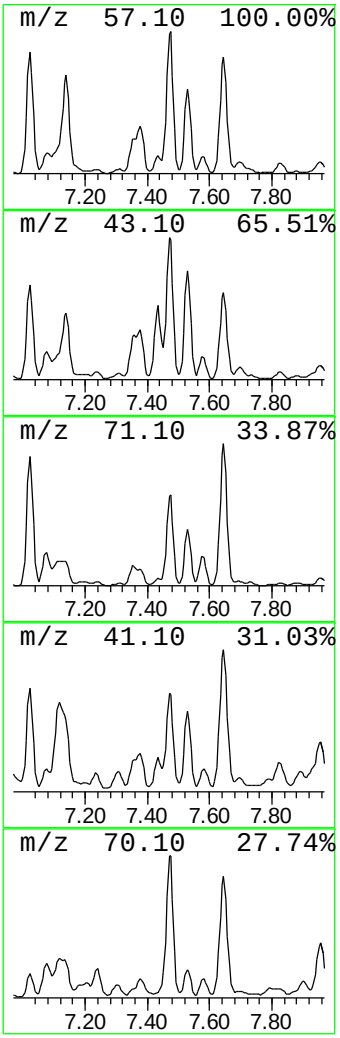
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	10.44 ng/ul	14073500	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

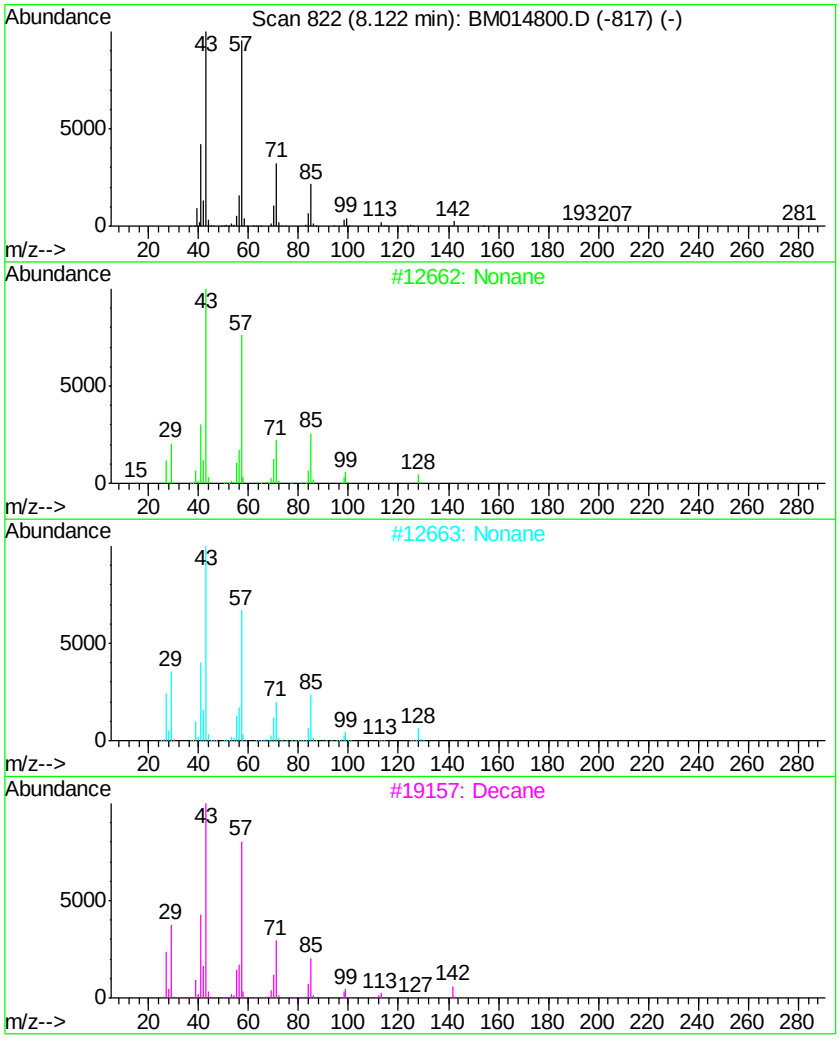
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

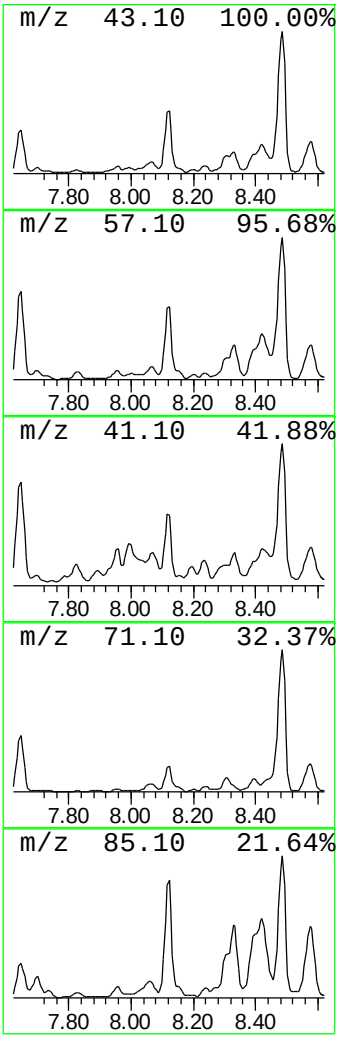
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.34 ng/ul	9894830	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Nonane	128	C9H20	000111-84-2	83
3	Decane	142	C10H22	000124-18-5	83
4	Undecane	156	C11H24	001120-21-4	83
5	Decane	142	C10H22	000124-18-5	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

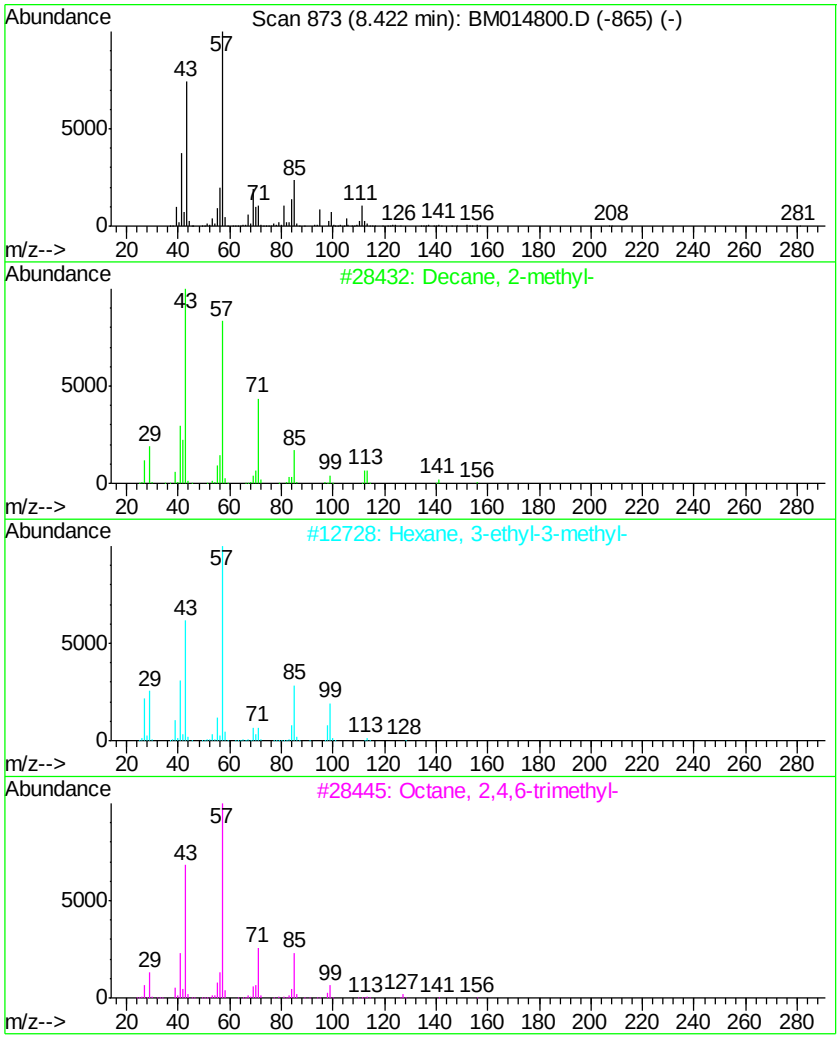
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

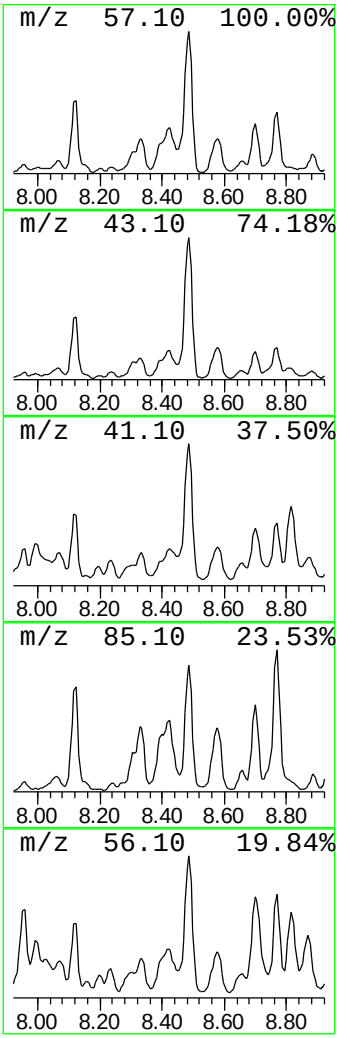
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	7.11 ng/ul	9580970	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	50
2	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	43
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
4	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	43
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	43





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

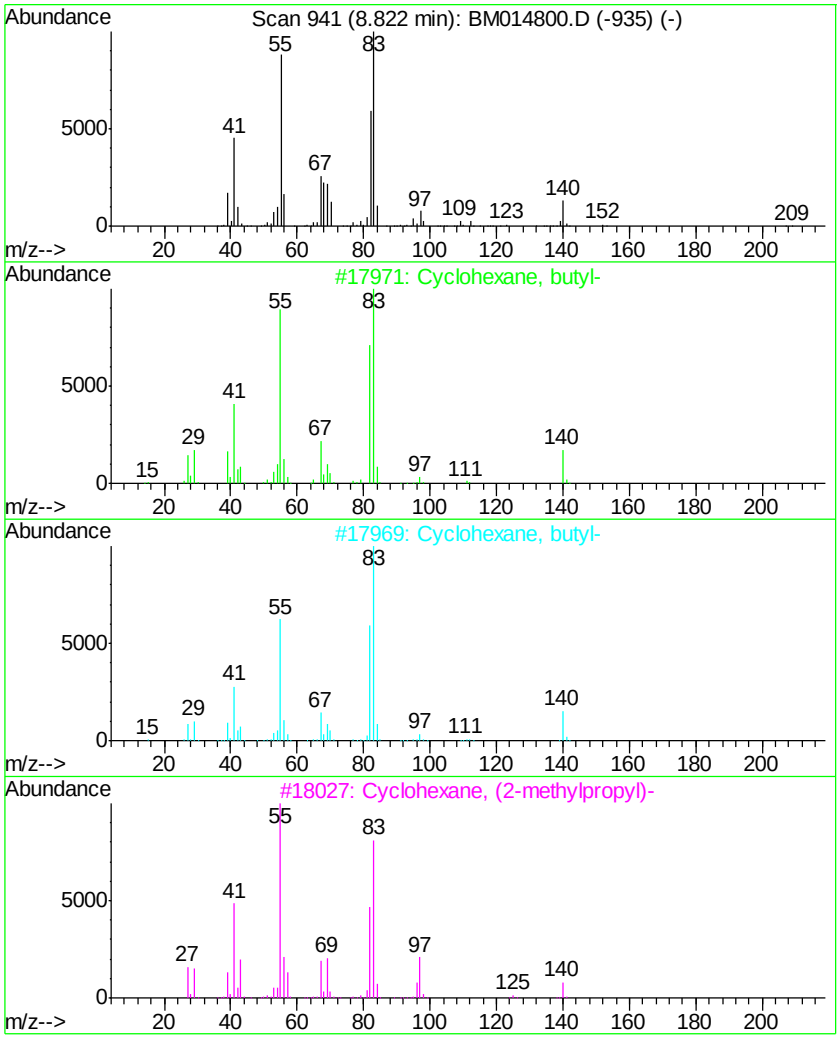
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

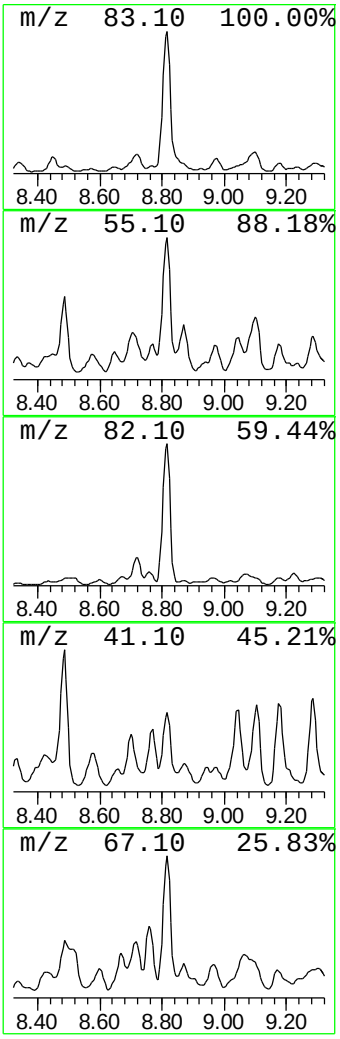
****

Peak Number 6 (DEL) Alkane: Cyclic8.82 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	8.79 ng/ul	11848200	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	78





Library Search Compound Report

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Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

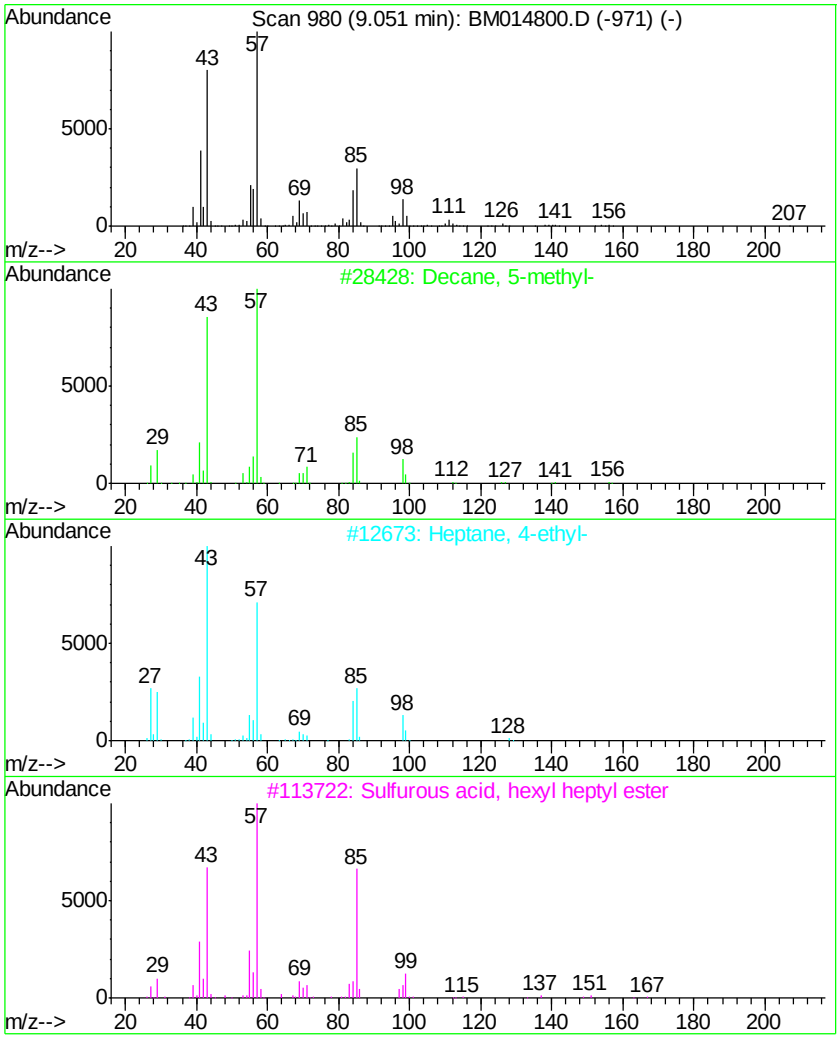
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

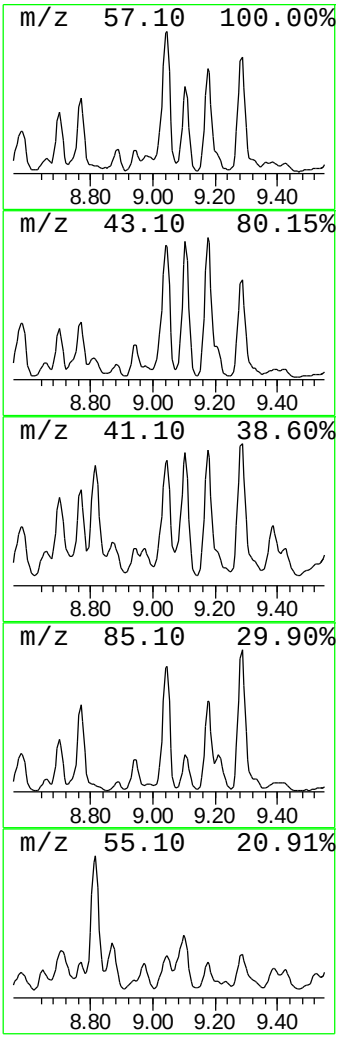
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	13.48 ng/ul	18170100	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	90
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	78
3	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	72
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	72





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Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6

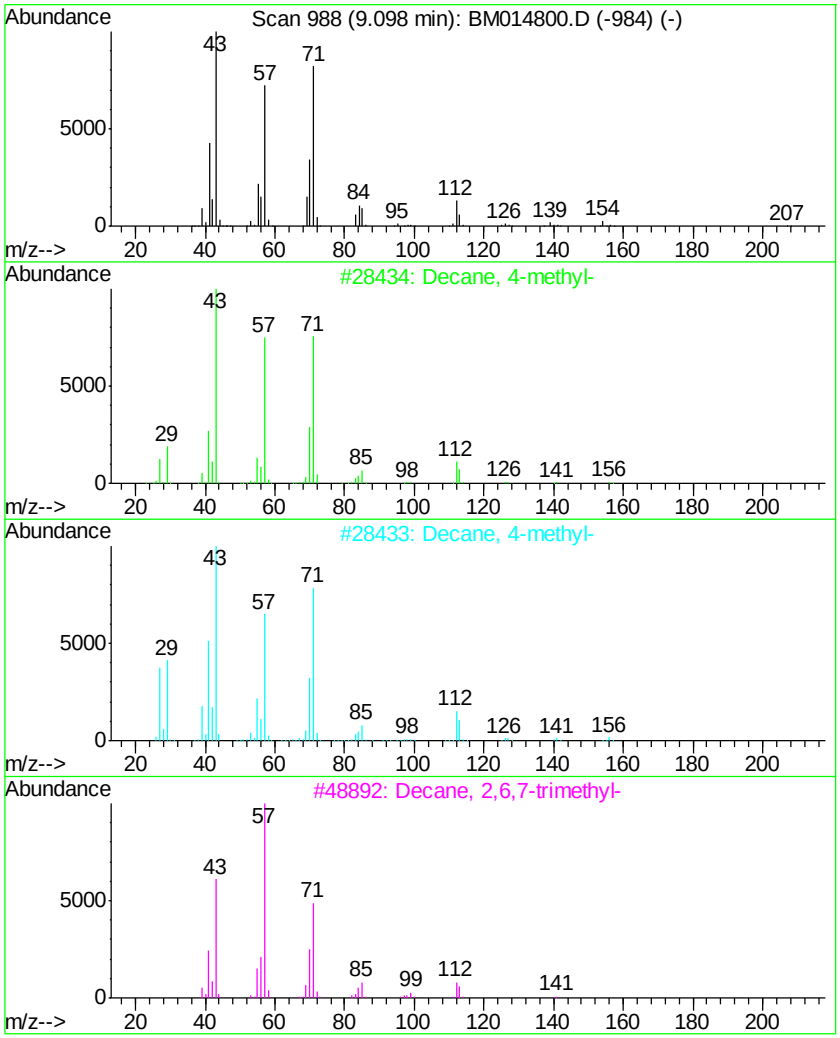
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

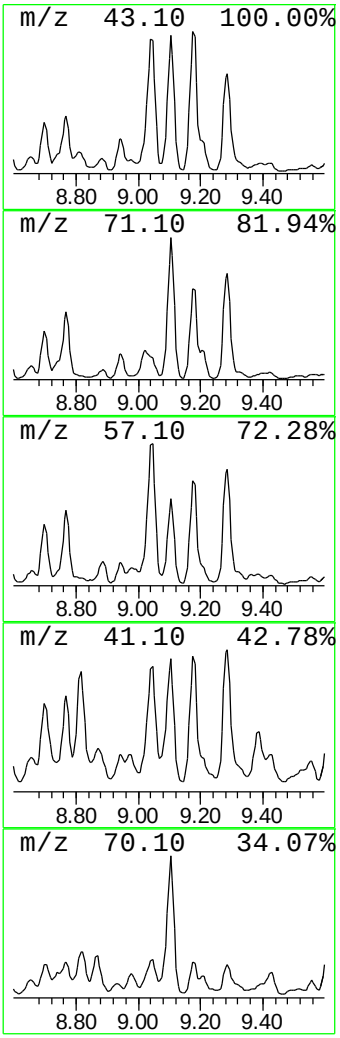
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	14.38 ng/ul	19377600	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	94
2	Decane, 4-methyl-	156	C11H24	002847-72-5	83
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
5	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	59





Library Search Compound Report

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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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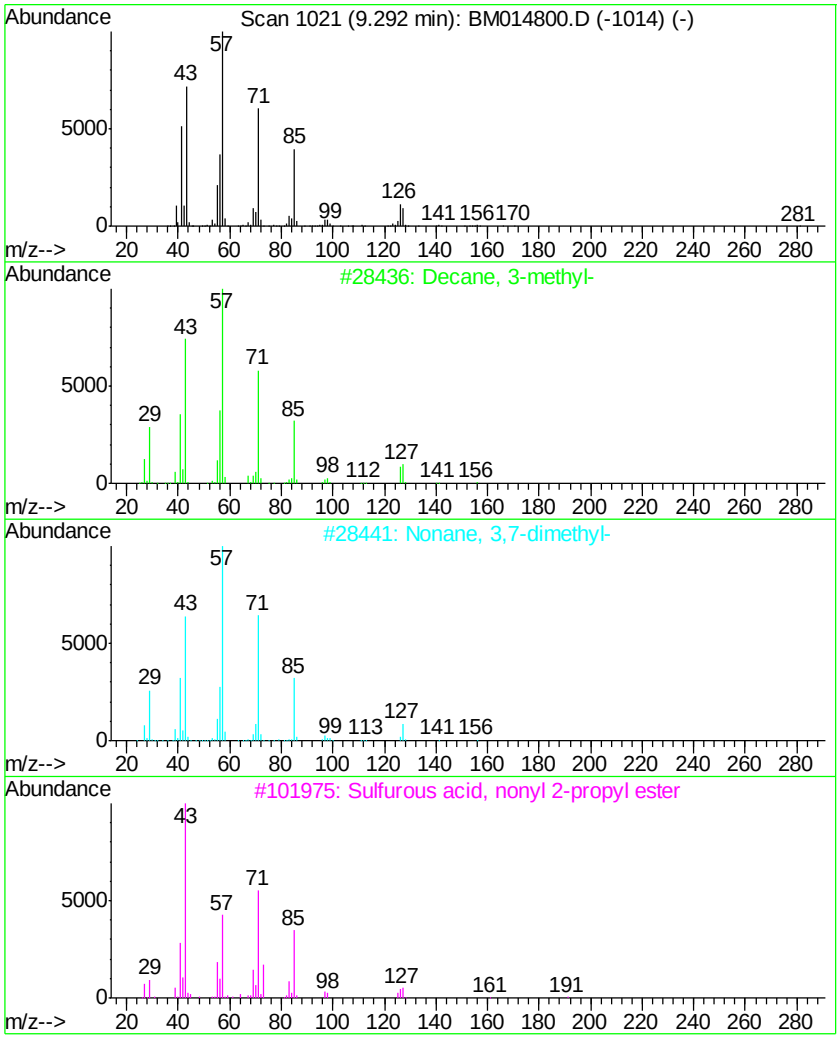
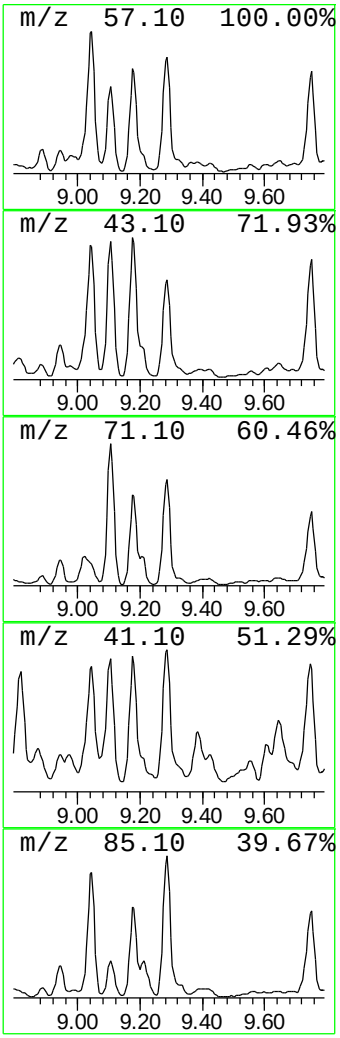
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	12.52 ng/ul	16872800	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
3	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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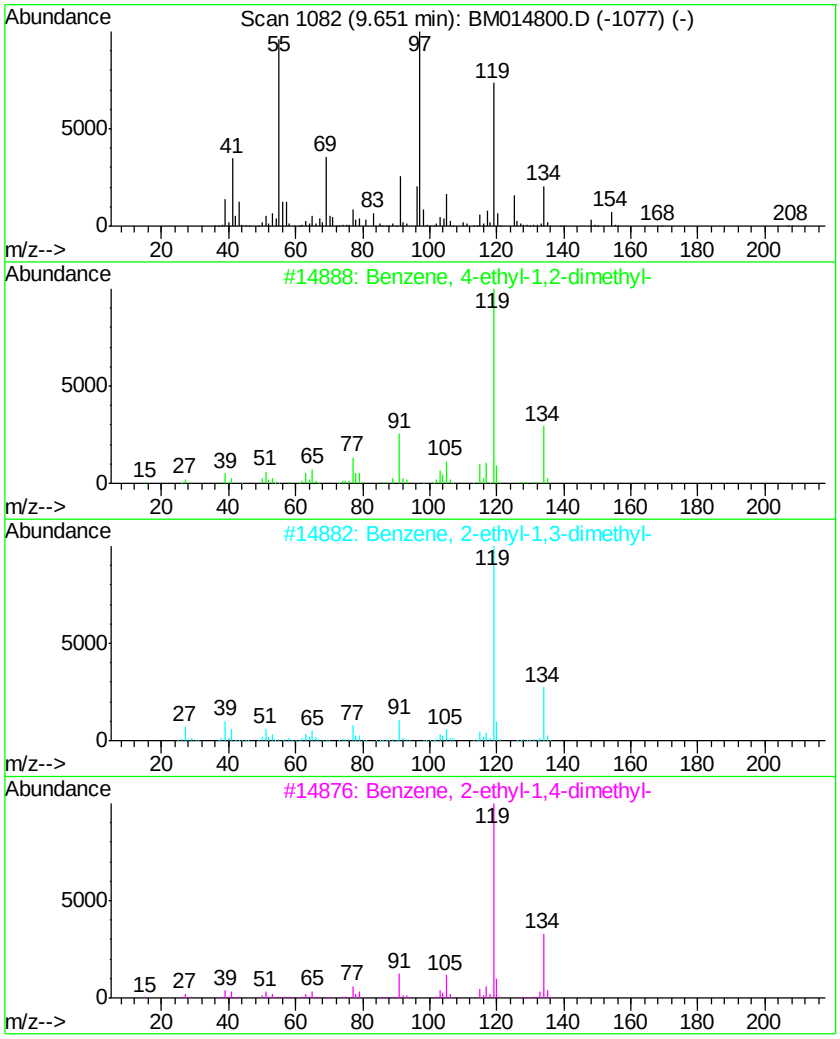
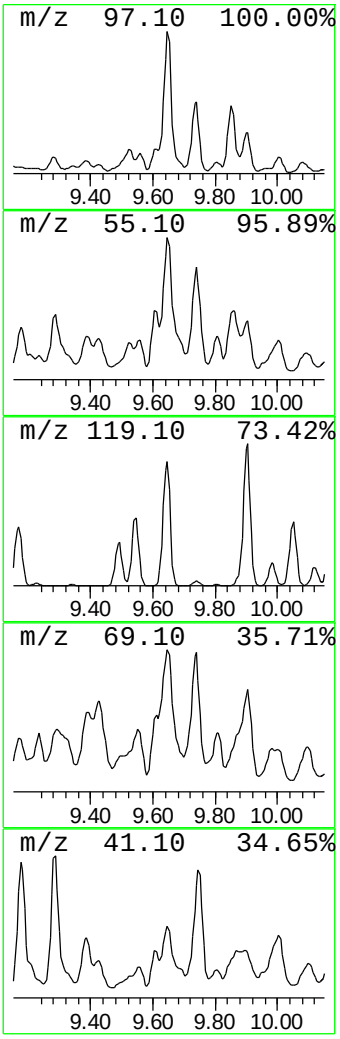
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	9.04 ng/ul	12191600	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
5	o-Cymene	134	C10H14	000527-84-4	80





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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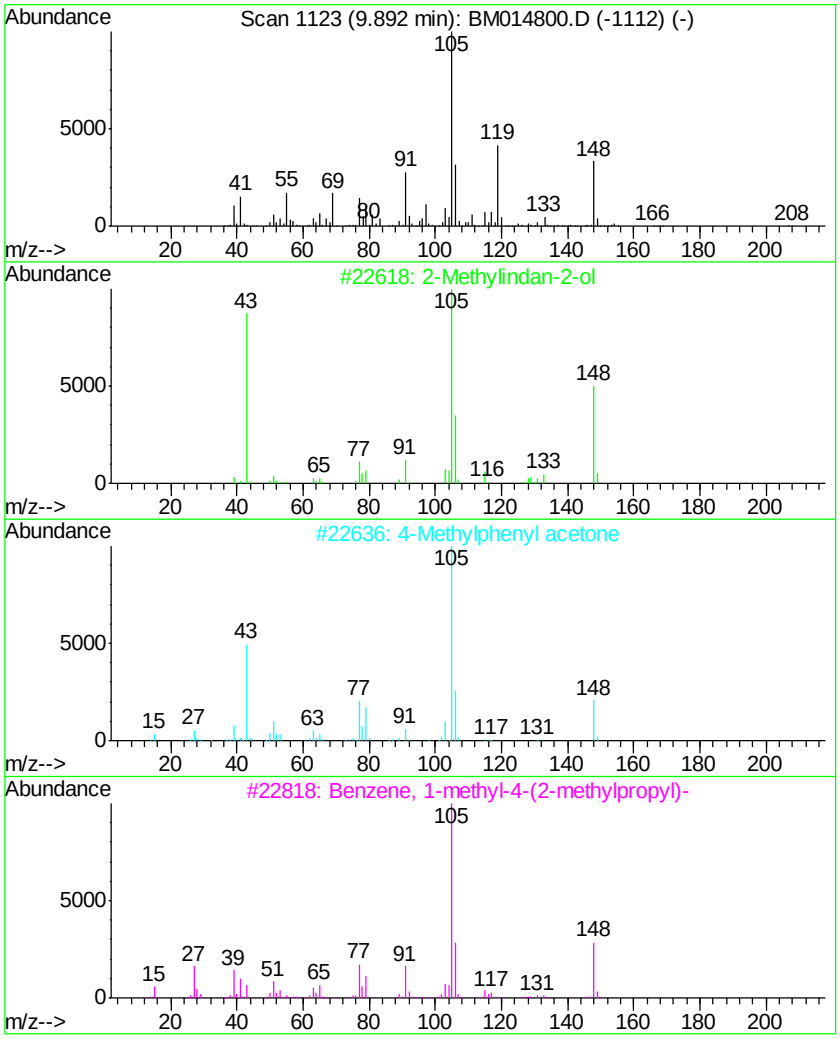
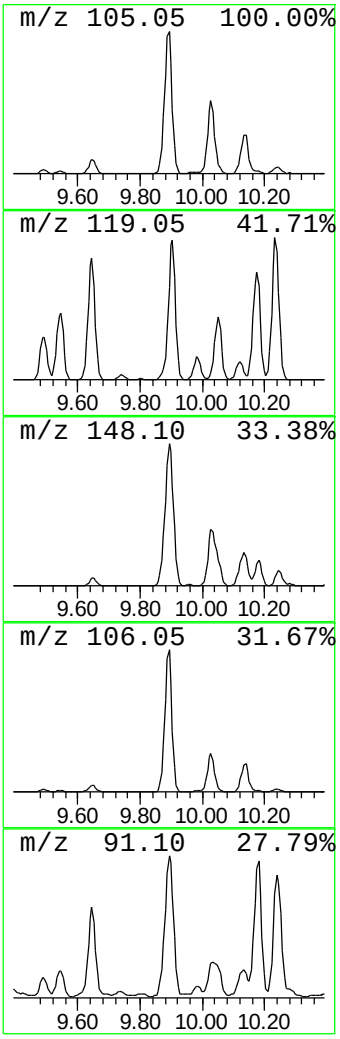
Peak Number 11 2-Methylindan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	14.53 ng/ul	19583200	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	50
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	49
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	41
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38





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Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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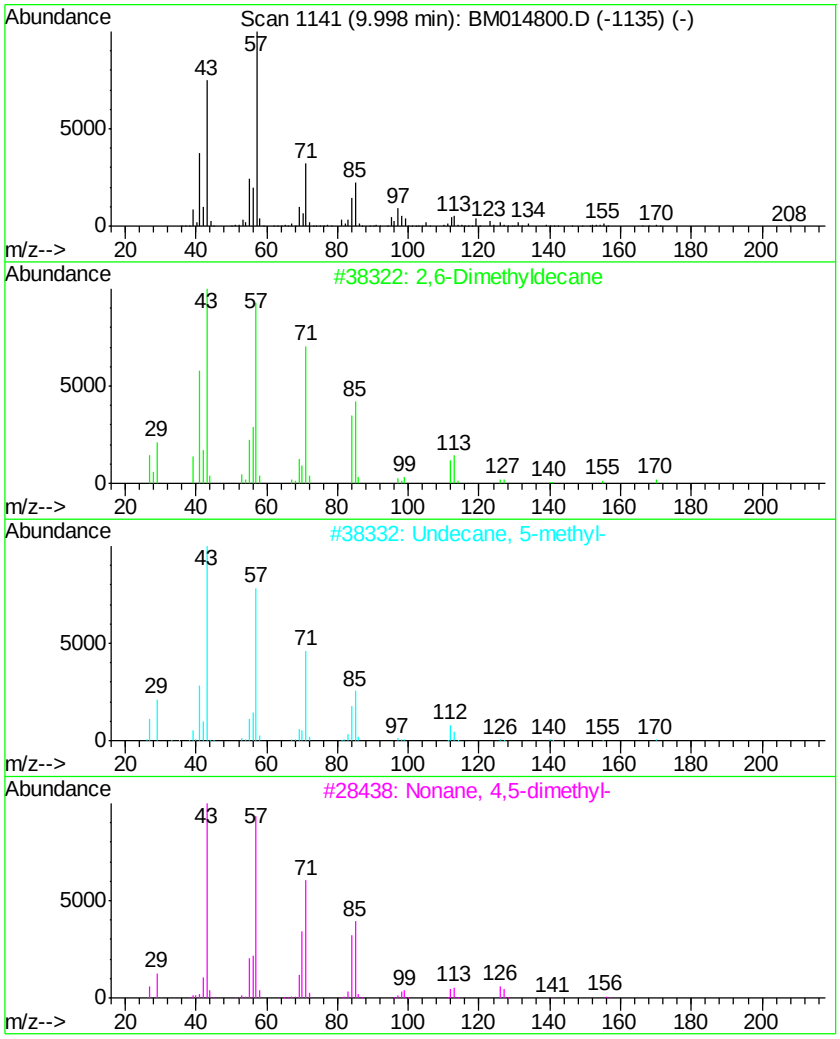
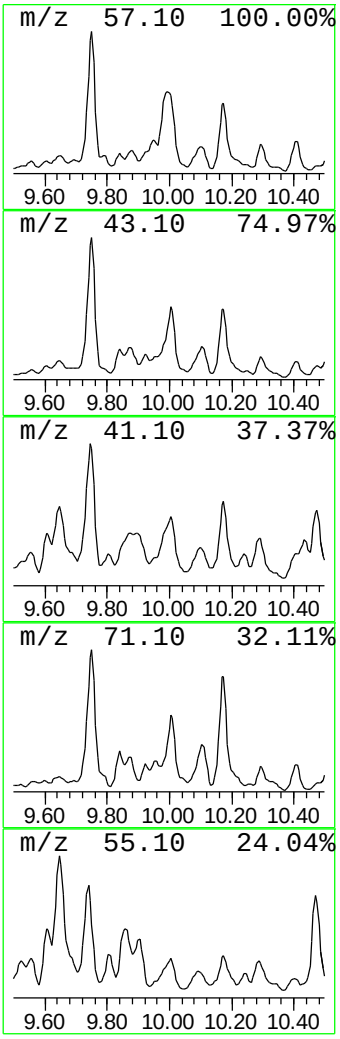
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	24.10 ng/ul	12372100	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldecane	170	C12H26	013150-81-7	90
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	72
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





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Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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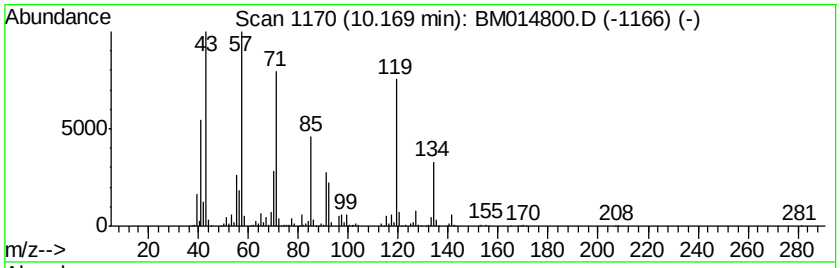
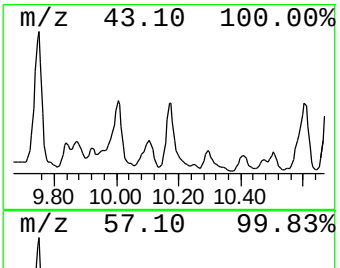
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	22.91 ng/ul	11761000	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
4	o-Cymene	134	C10H14	000527-84-4	38
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38





Library Search Compound Report

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Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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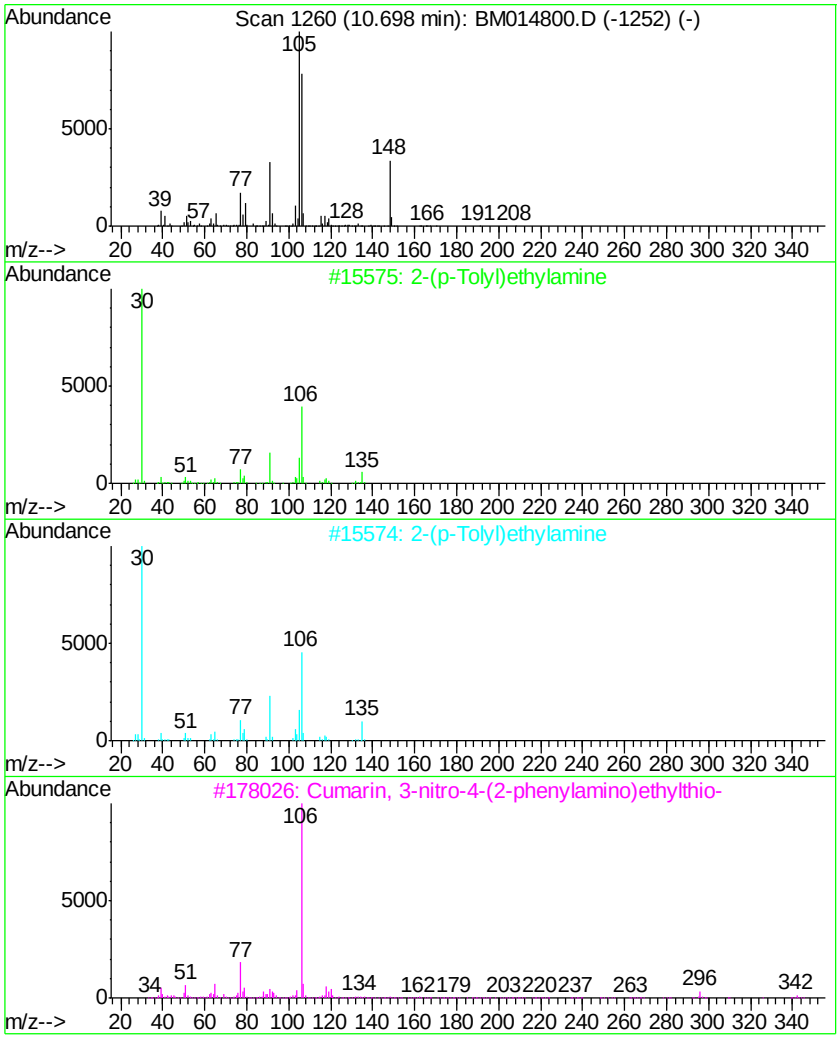
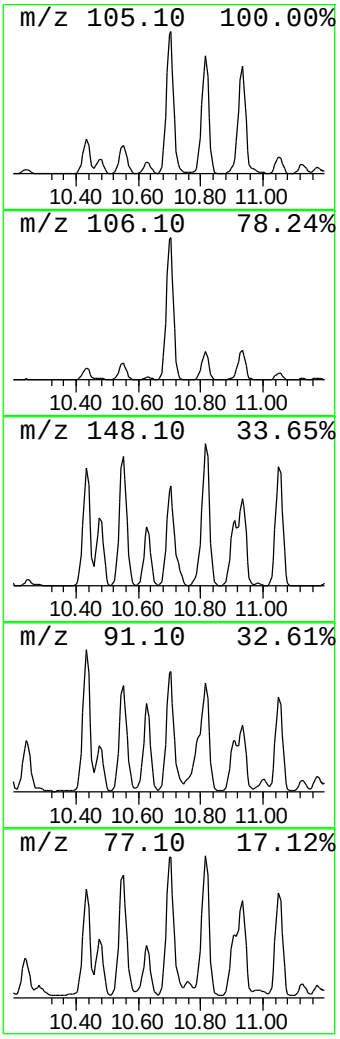
Peak Number 15 2-(p-Tolyl)ethylamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	39.46 ng/ul	20259100	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	64
2	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	53
3	Cumarin, 3-nitro-4-(2-phenylamin...	342	C17H14N2O4S	184581-65-5	50
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	49
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	47





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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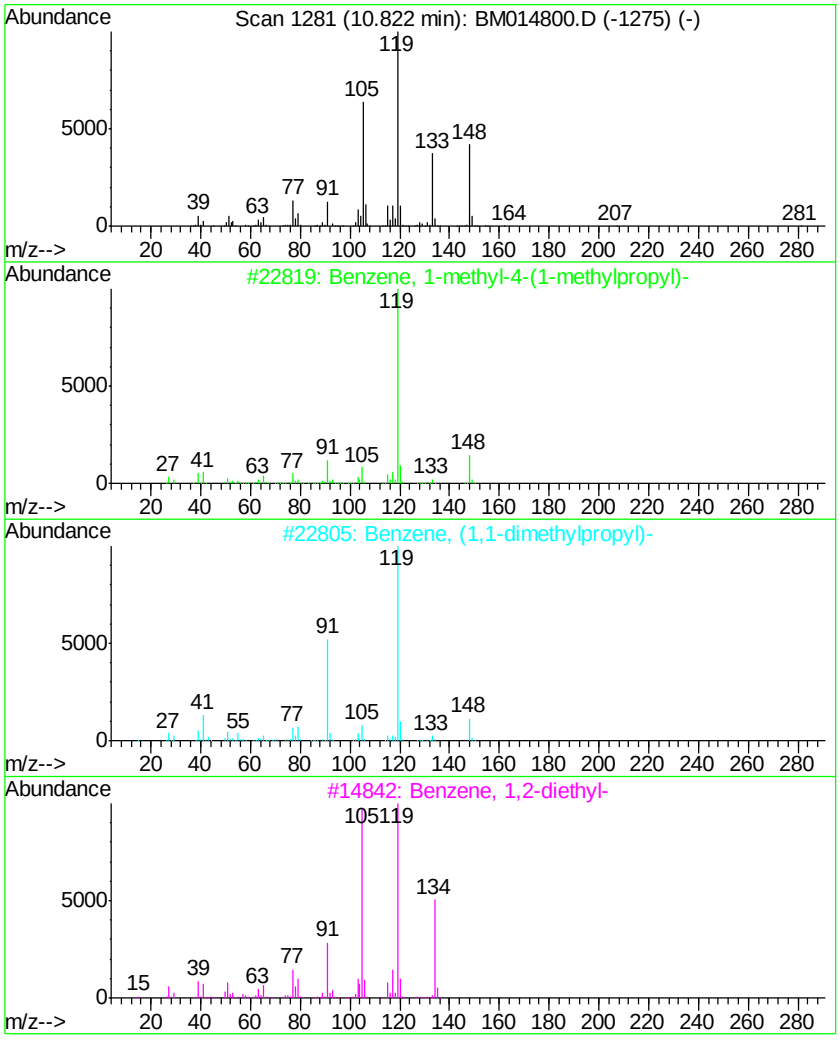
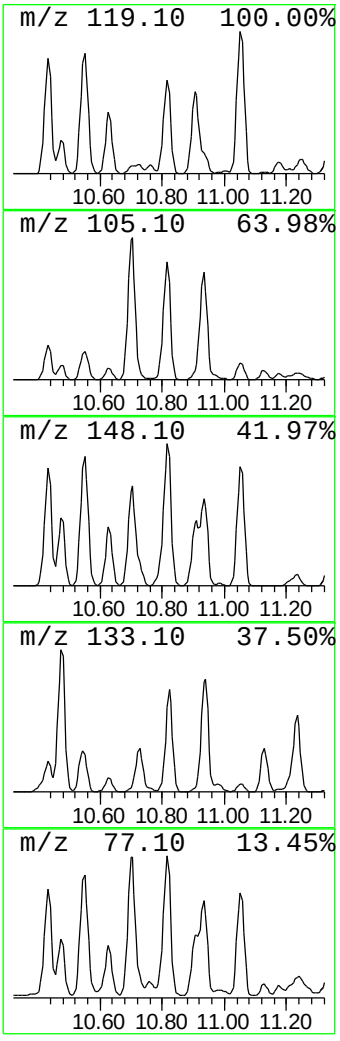
Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	31.26 ng/ul	16052000	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	87
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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Quant Title : SVOA CALIBRATION

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

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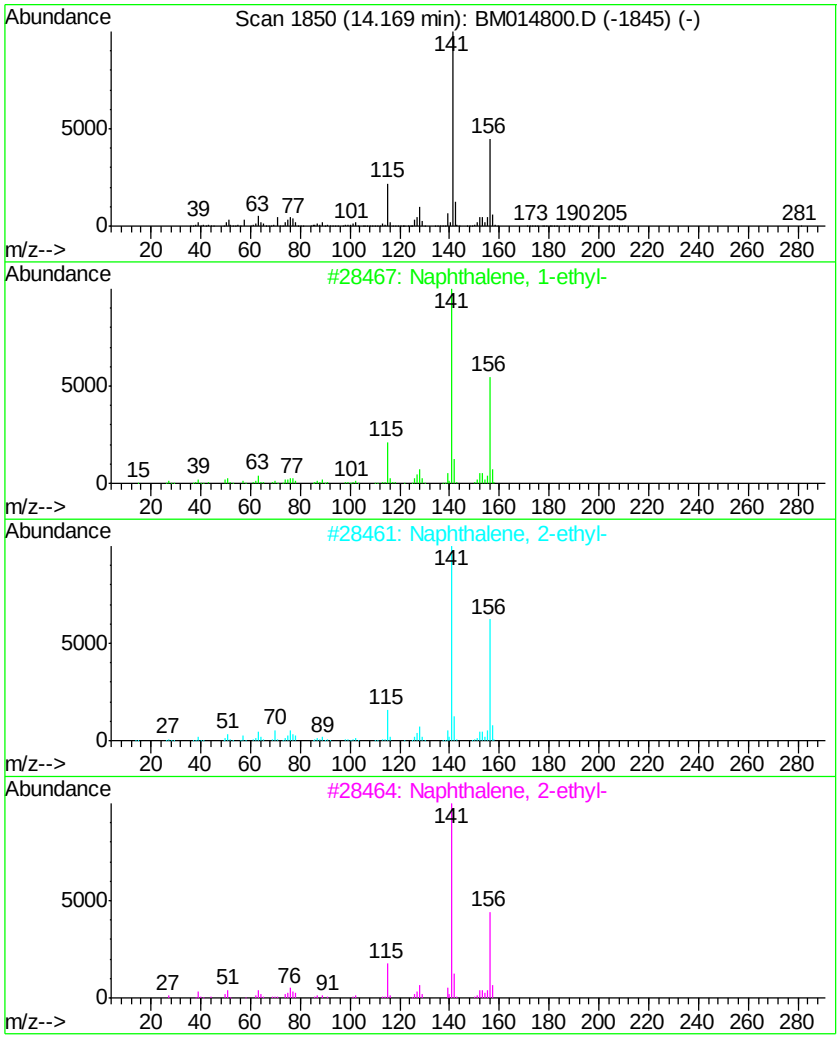
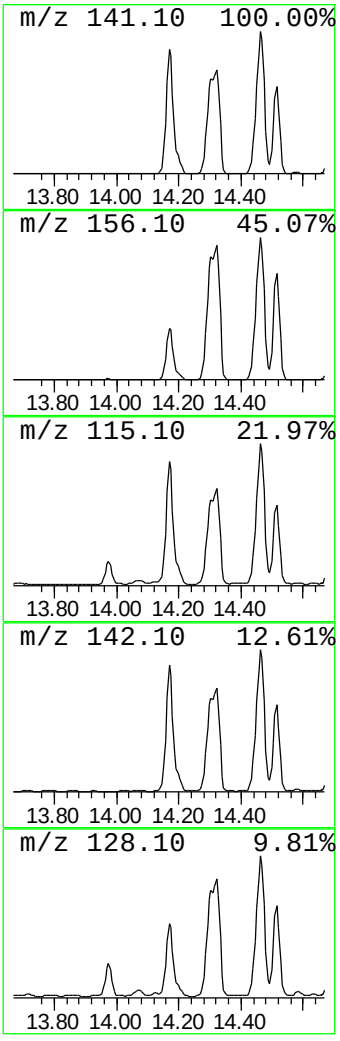
Peak Number 18 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	15.59 ng/ul	20368000	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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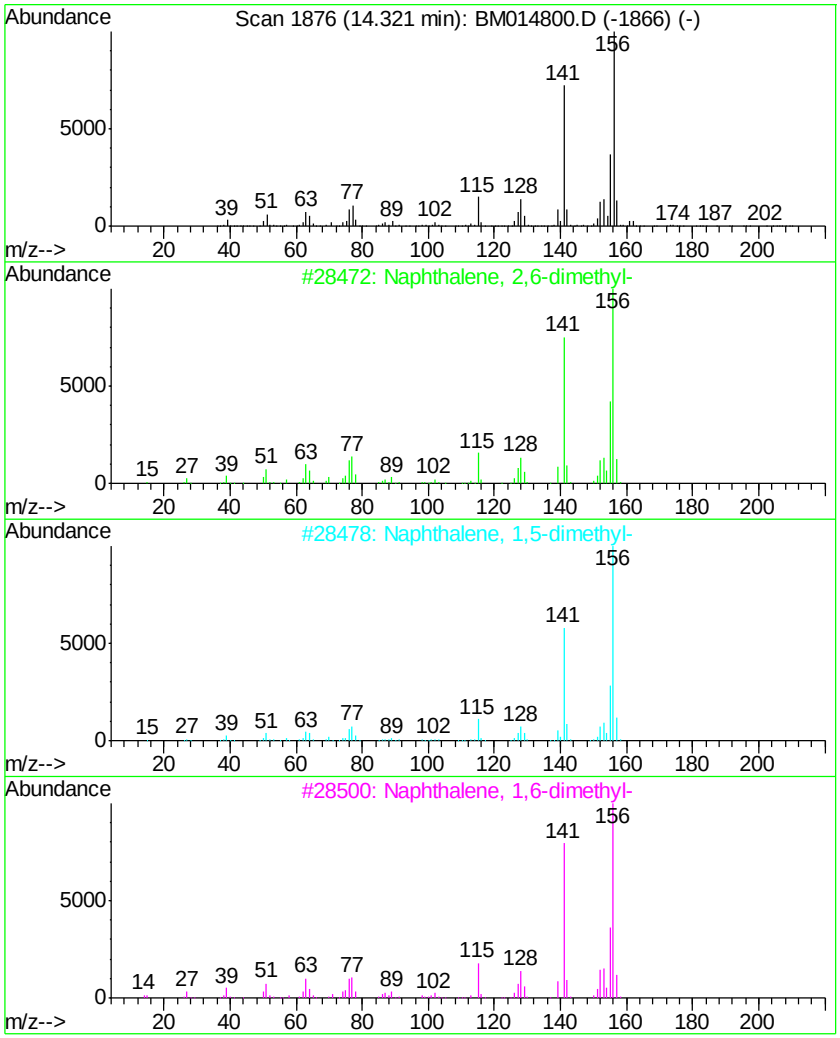
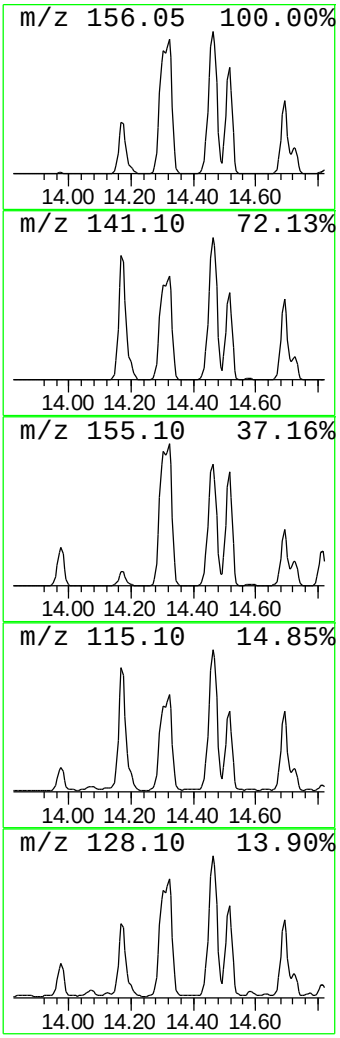
Peak Number 19 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	37.59 ng/ul	49106100	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, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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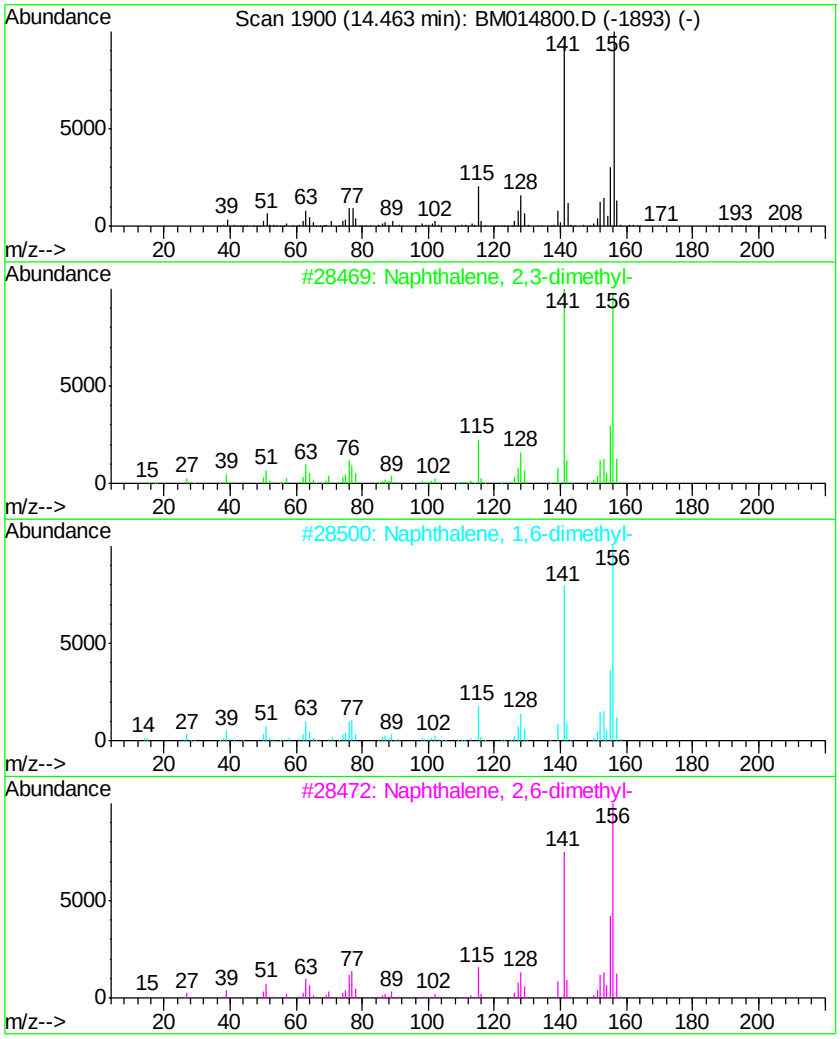
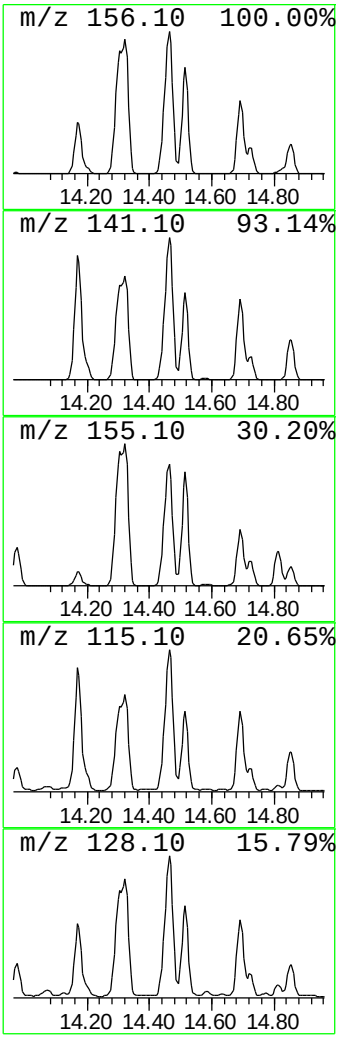
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	30.97 ng/ul	40453300	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, 2,6-dimethyl-	156	C12H12	000581-42-0	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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Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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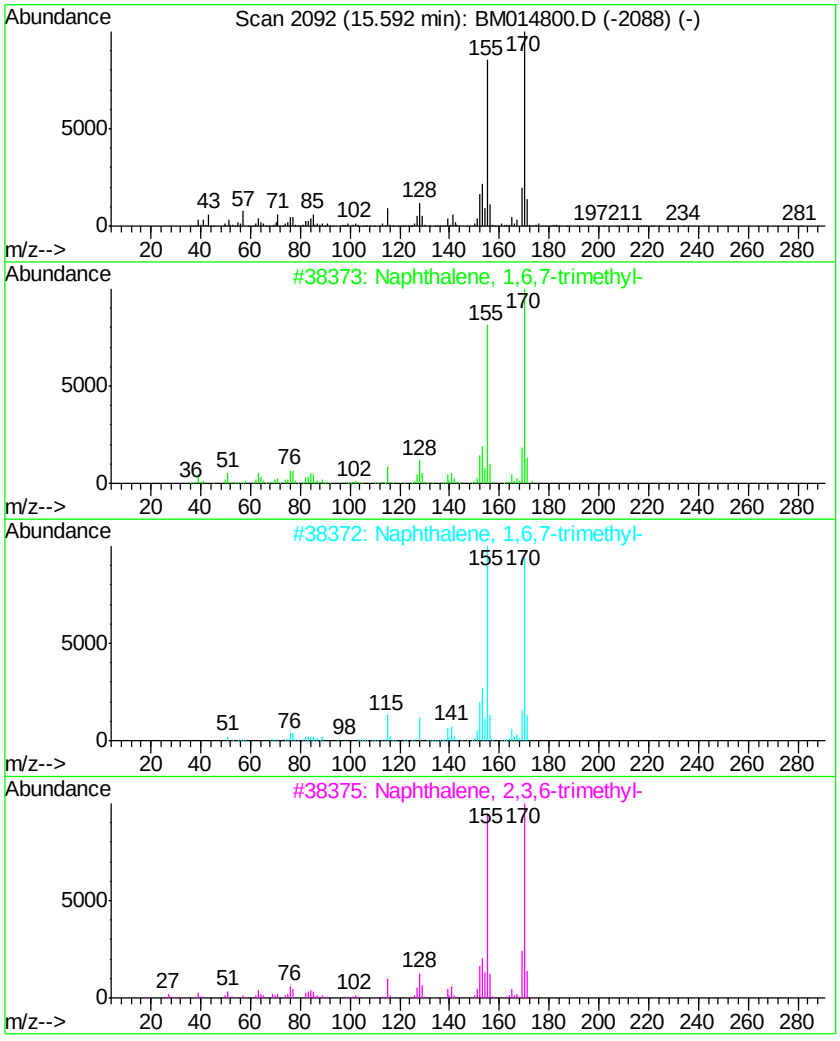
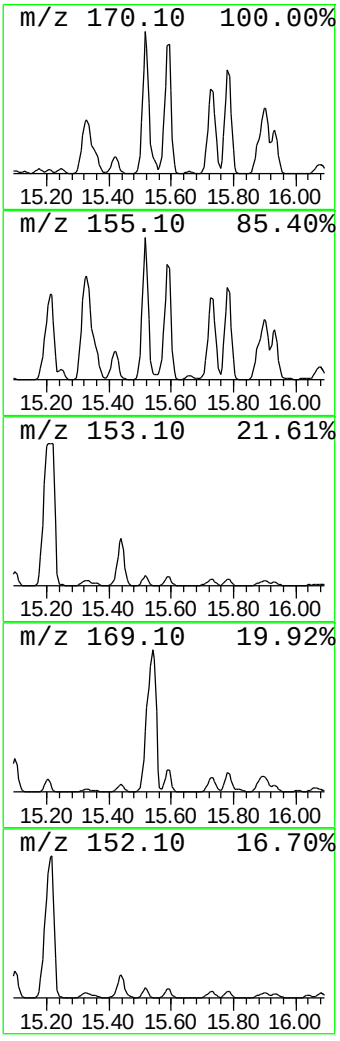
Peak Number 23 Naphthalene, 1,6,7-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	11.52 ng/ul	15042500	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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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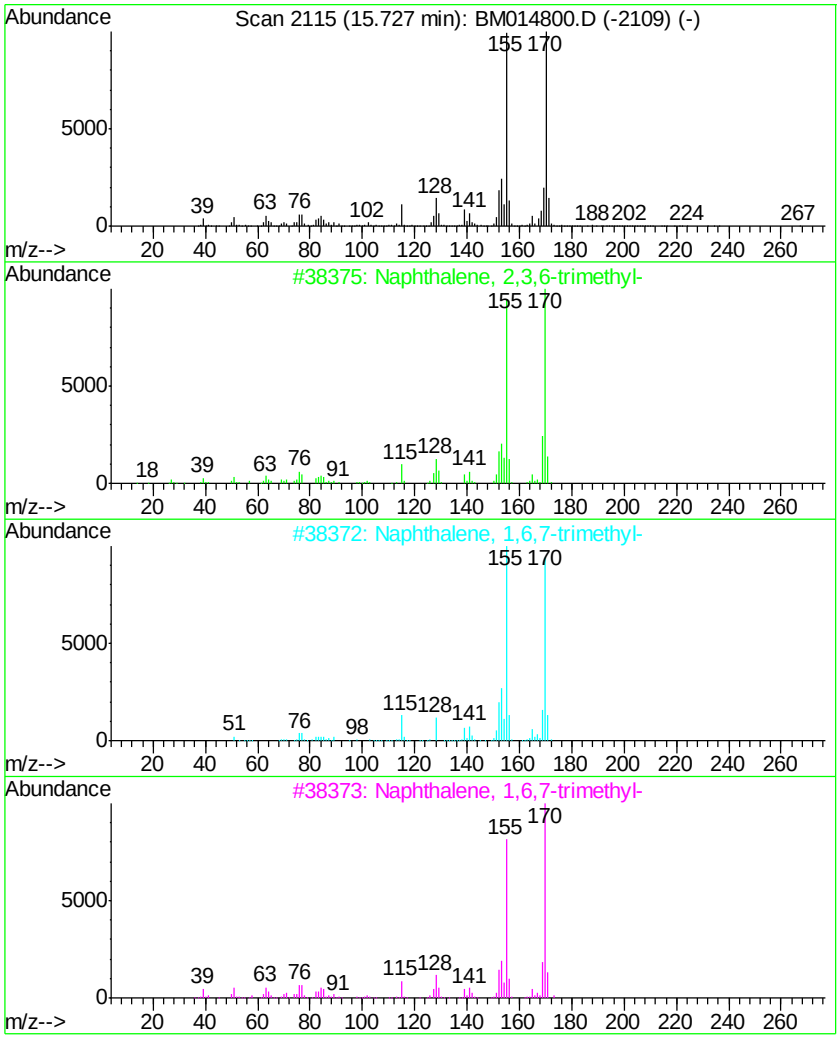
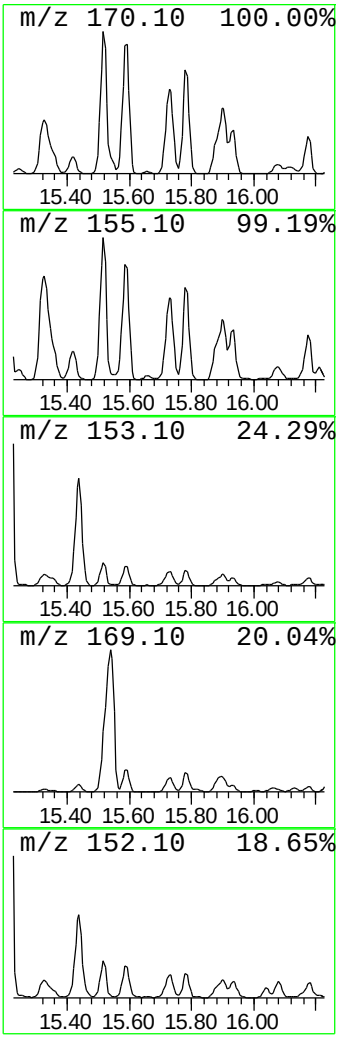
Peak Number 24 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	9.65 ng/ul	12600400	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	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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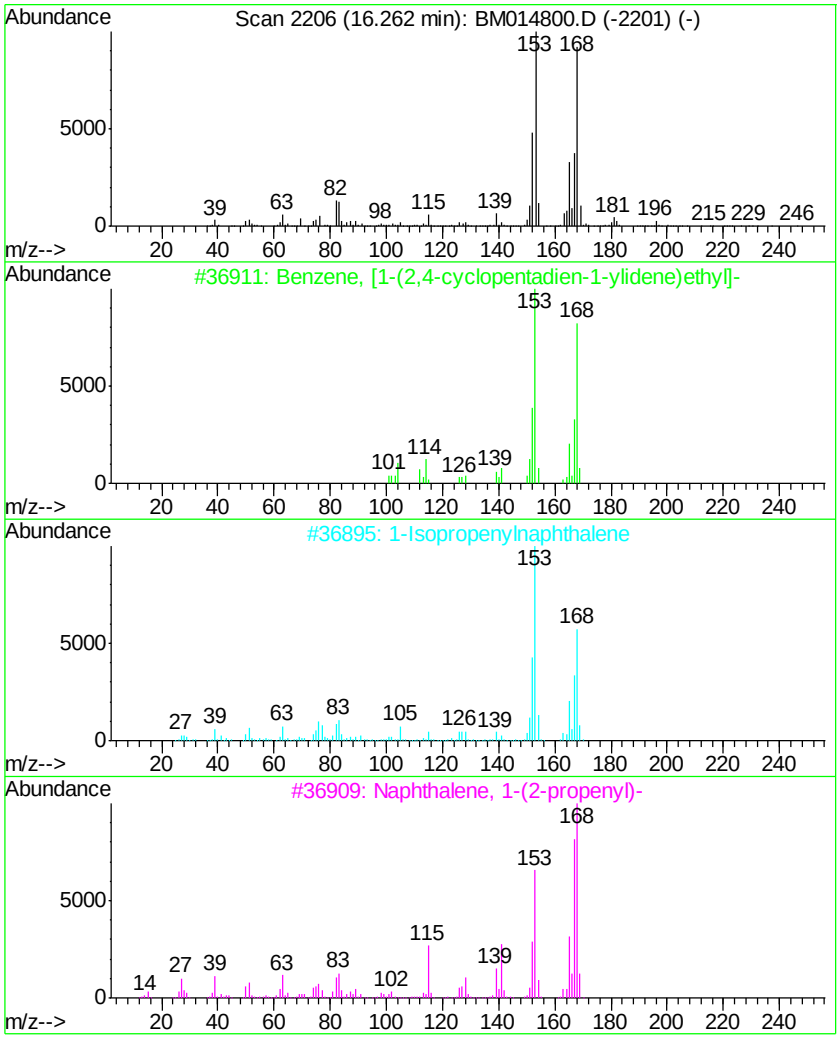
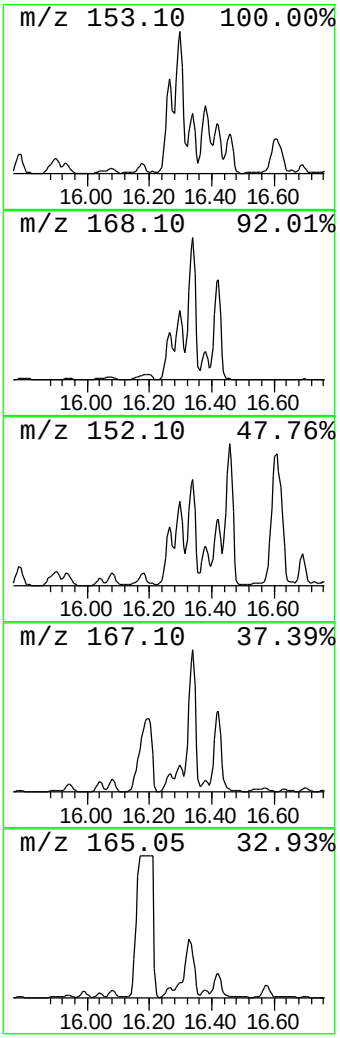
Peak Number 27 Benzene, [1-(2,4-cyclopenta... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	11.85 ng/ul	15474700	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	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	83
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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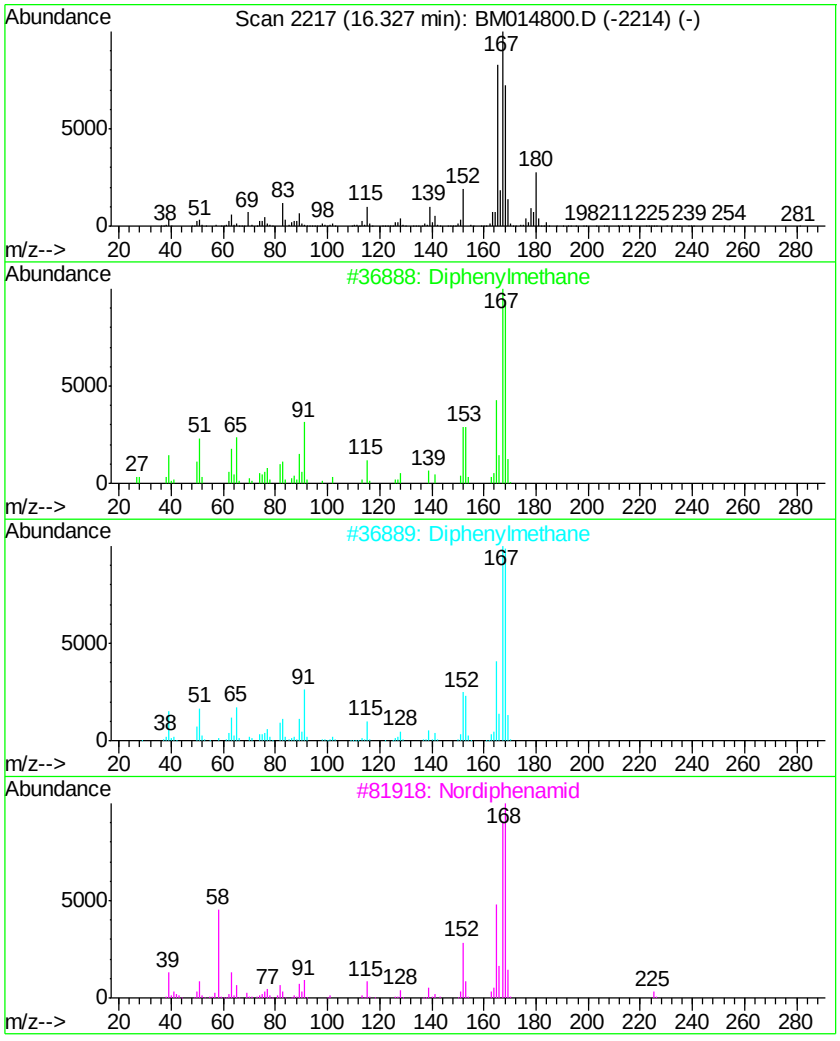
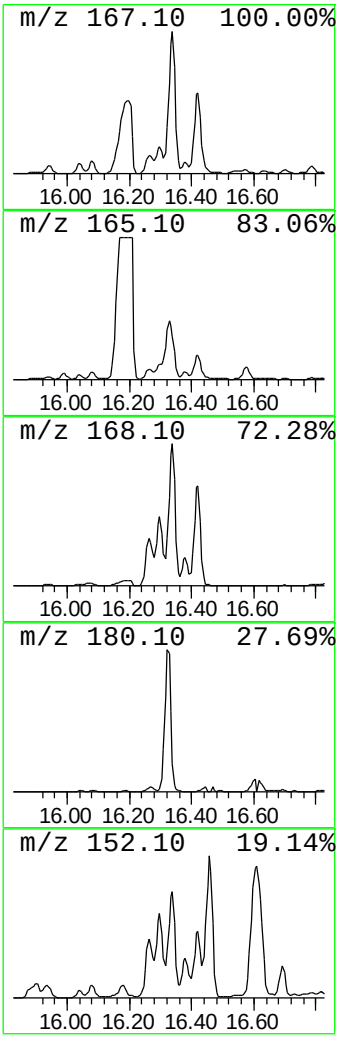
Peak Number 29 Diphenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	37.19 ng/ul	48575800	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	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	72





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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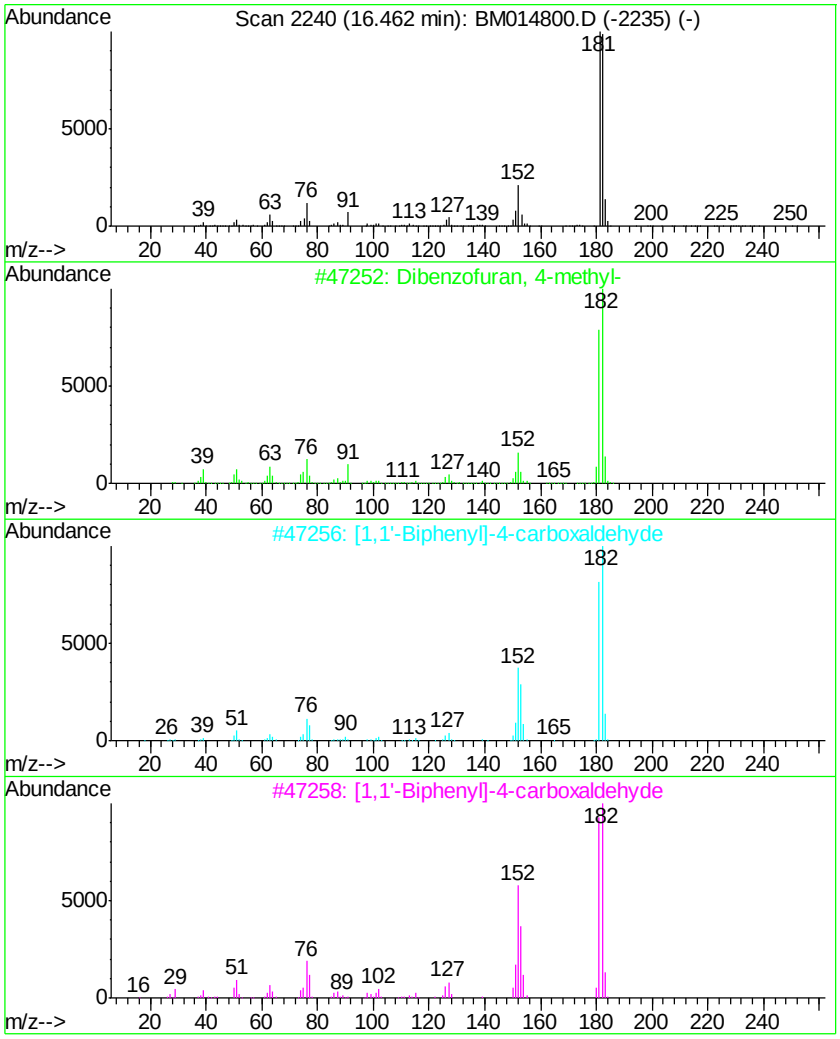
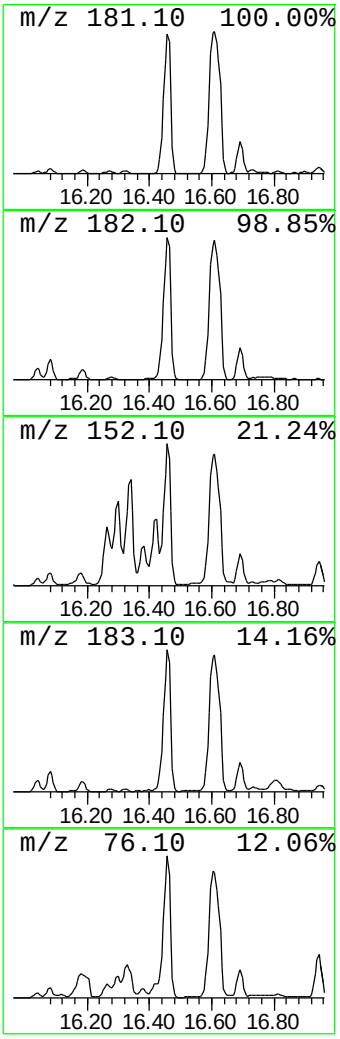
Peak Number 31 Dibenzofuran, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	36.98 ng/ul	48302300	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	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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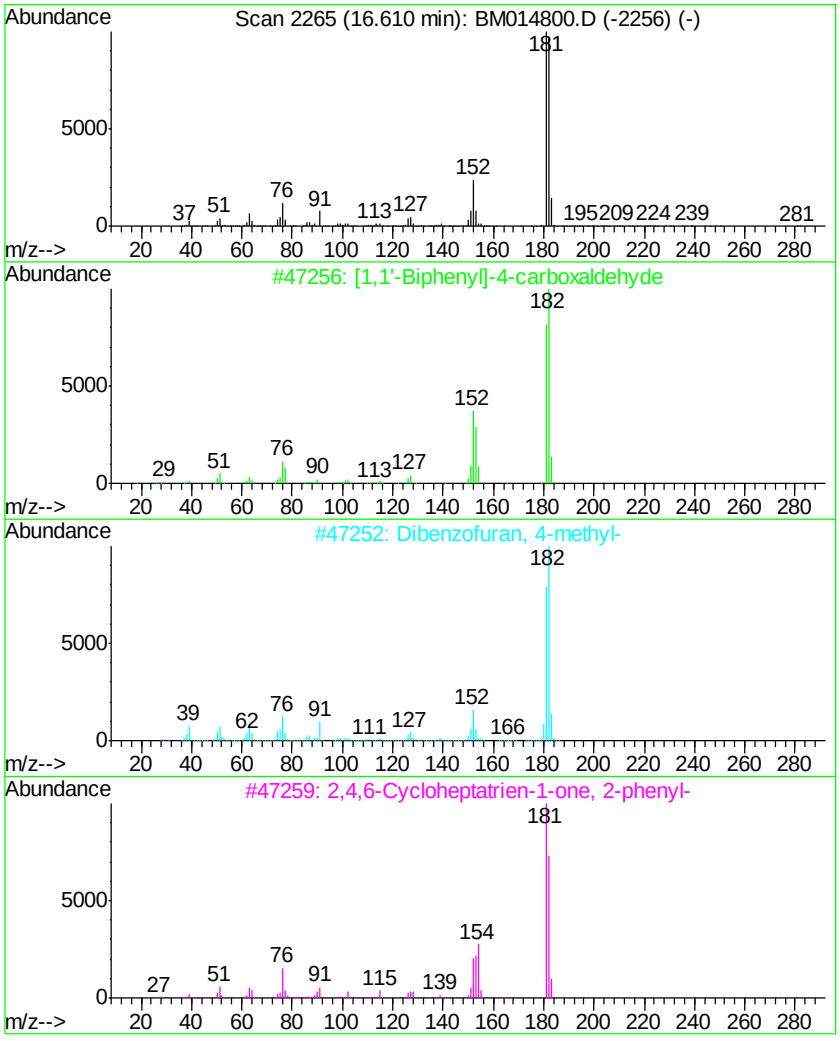
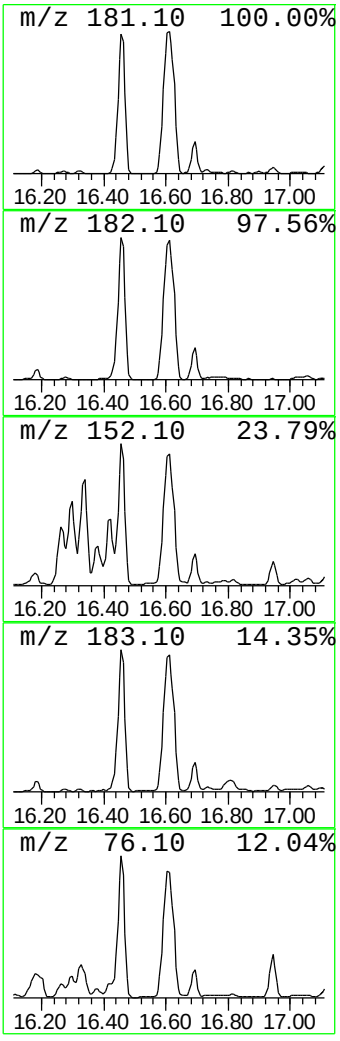
Peak Number 32 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	4.20 ng/ul	71389400	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
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Acq On : 24 Apr 2018 05:40
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Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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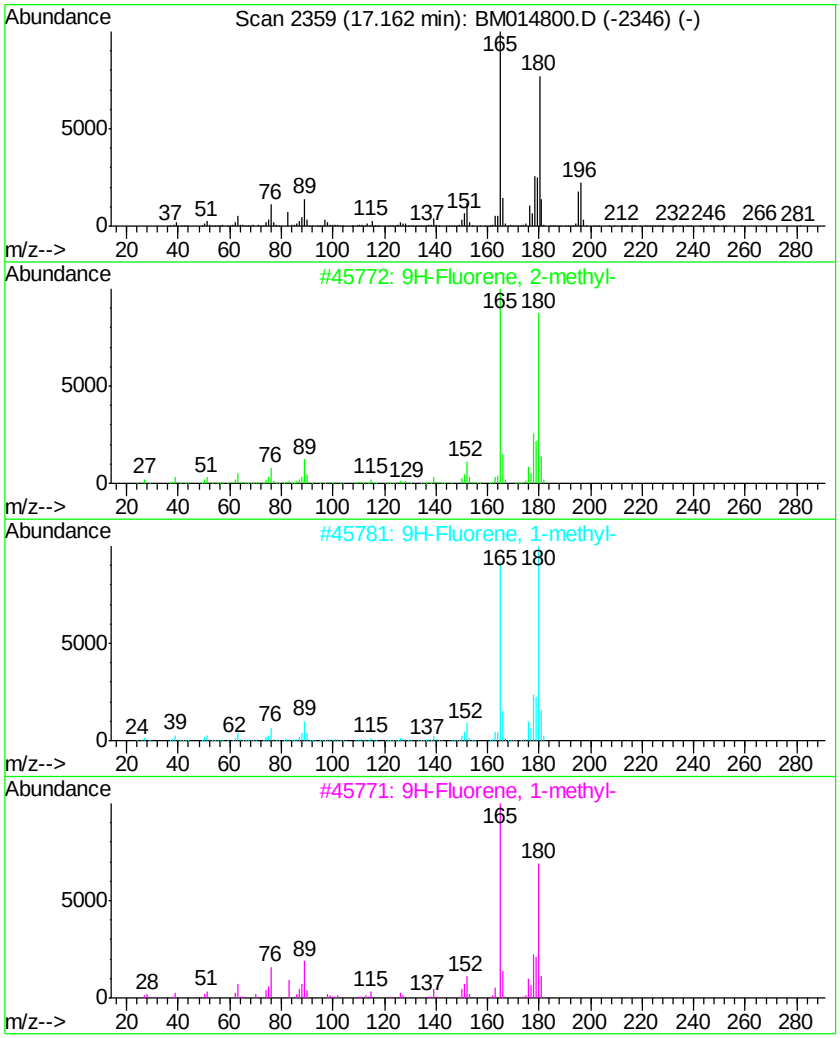
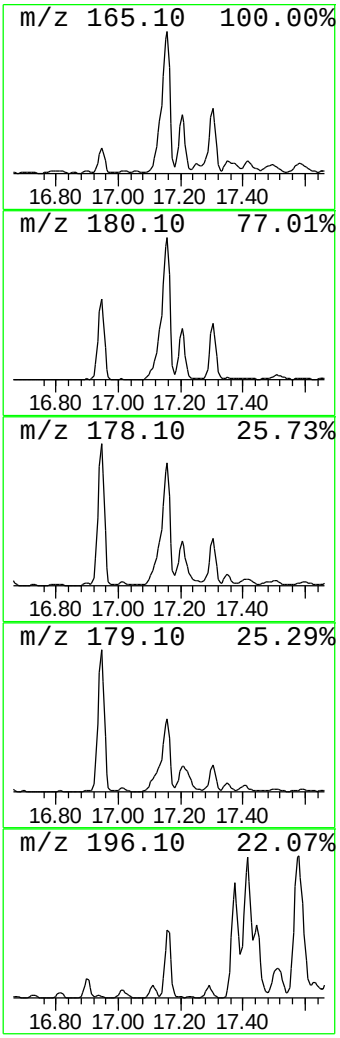
Peak Number 33 9H-Fluorene, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	2.92 ng/ul	49580800	Phenanthrene-d10	17.86

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





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Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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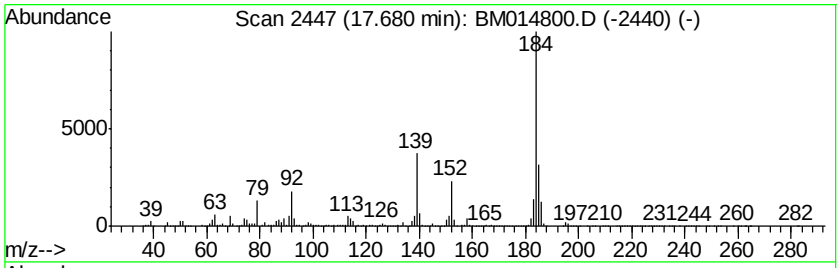
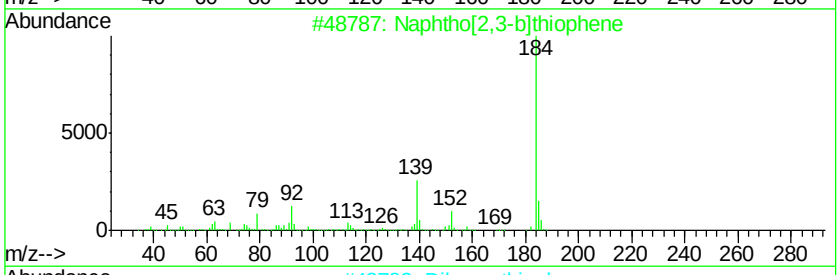
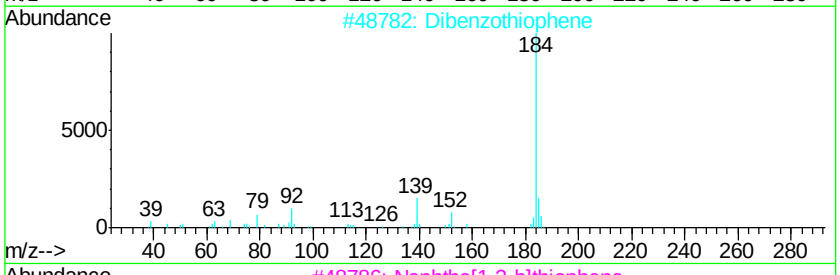
Peak Number 34 Naphtho[2,3-b]thiophene Concentration Rank 38

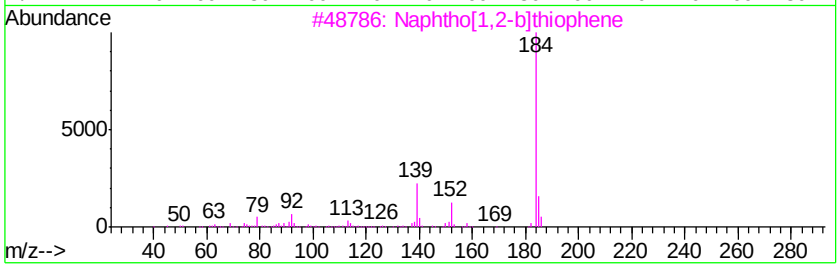
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	4.57 ng/ul	77618600	Phenanthrene-d10	17.86

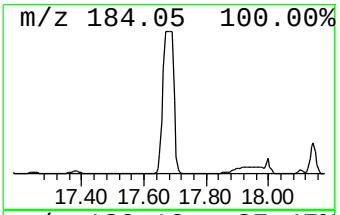
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Dibenzothiophene	184	C12H8S	000132-65-0	87

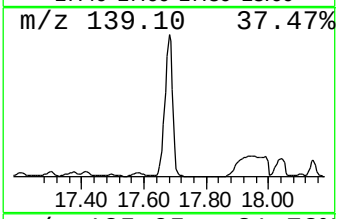


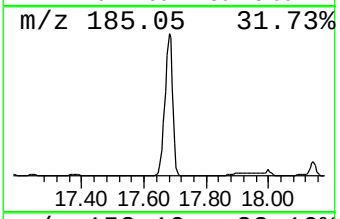


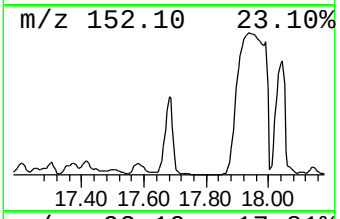


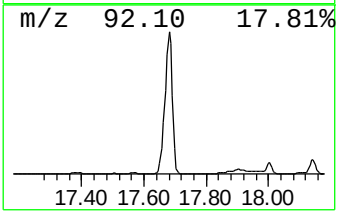












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Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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Quant Title : SVOA CALIBRATION

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

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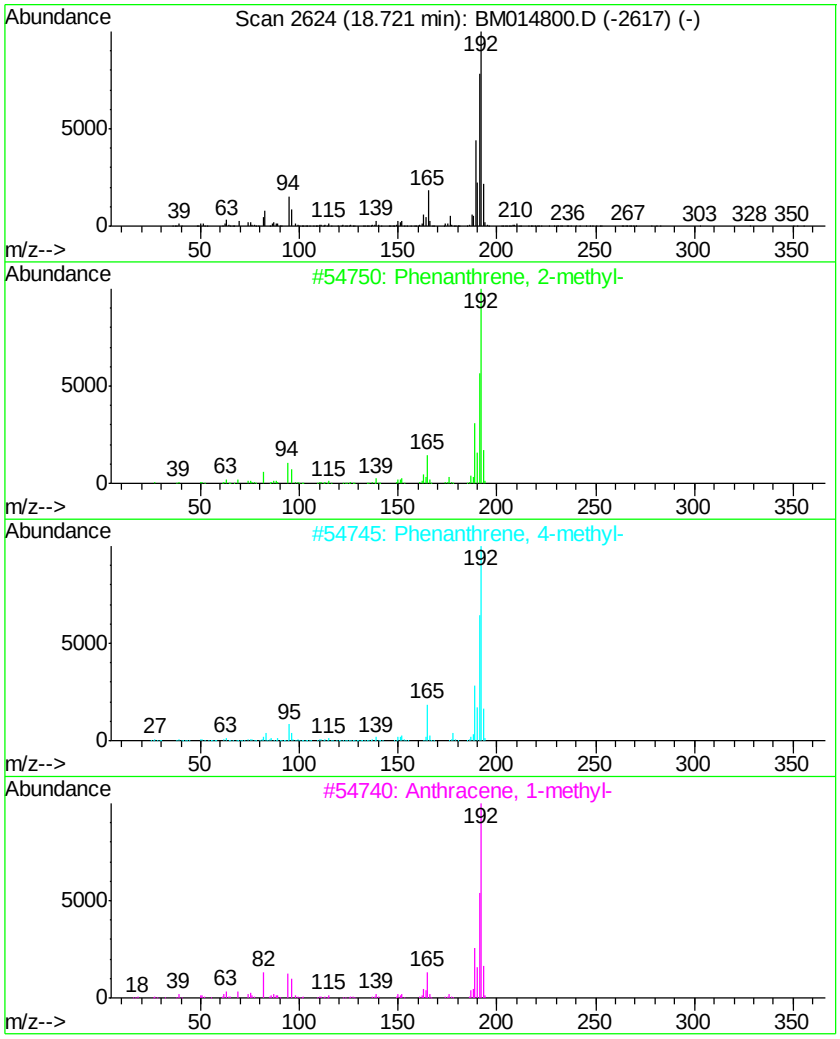
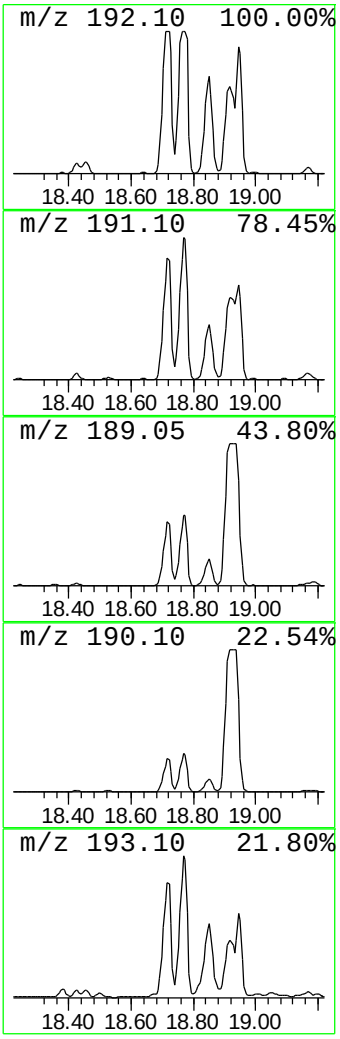
Peak Number 35 Phenanthrene, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	3.82 ng/ul	64932700	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

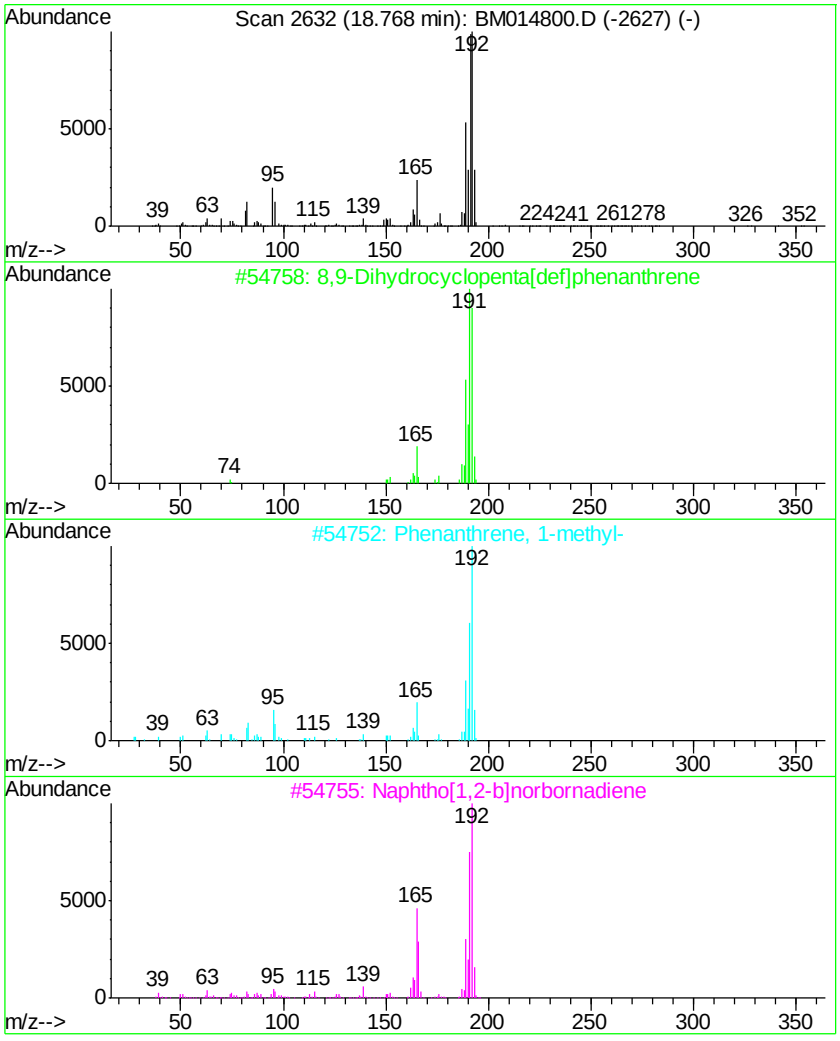
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

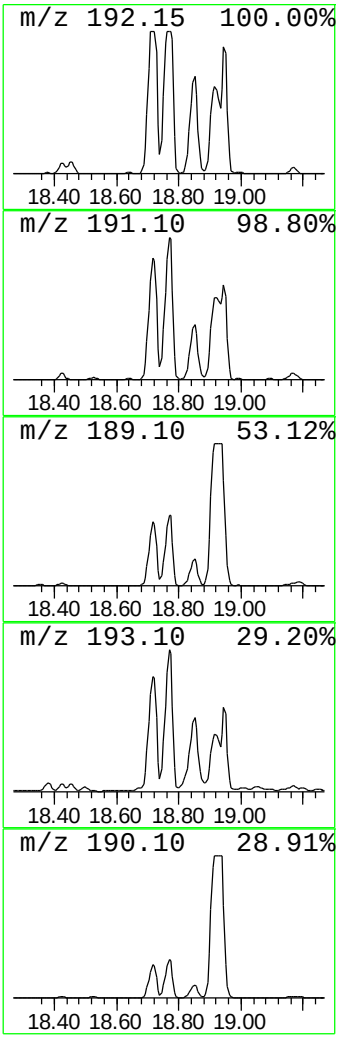
****

Peak Number 36 8,9-Dihydrocyclopenta[def]p... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.42 ng/ul	75135500	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	78
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	64
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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

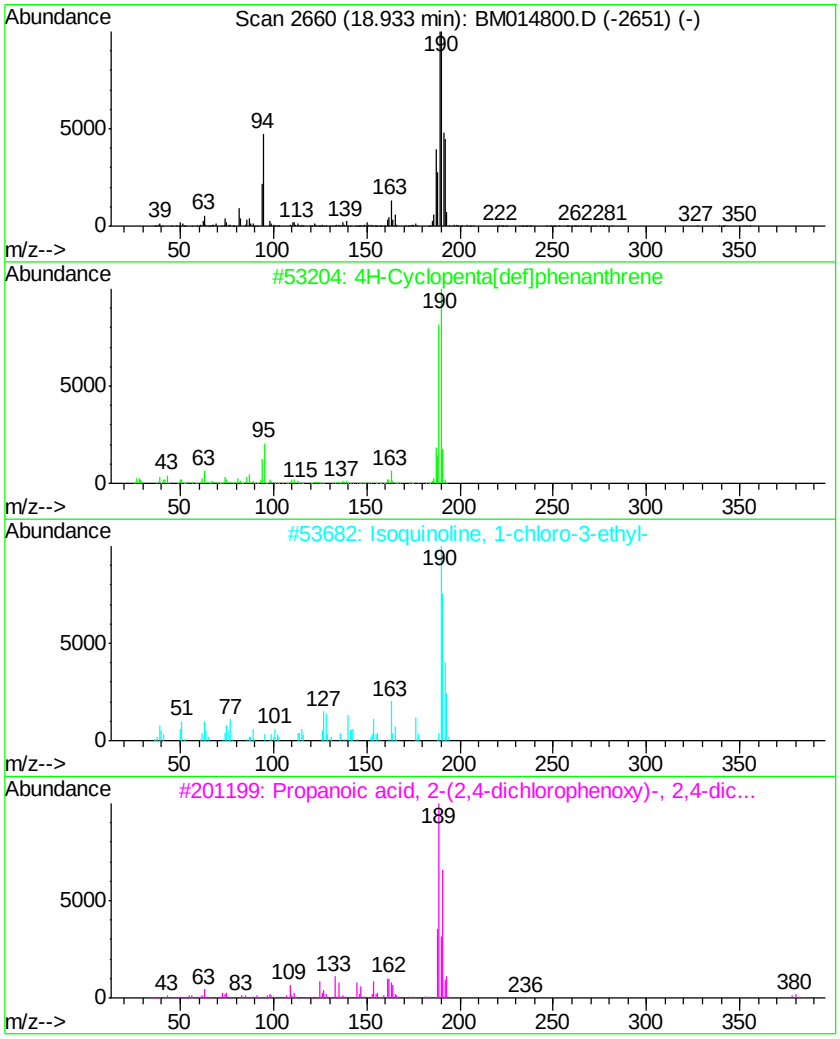
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

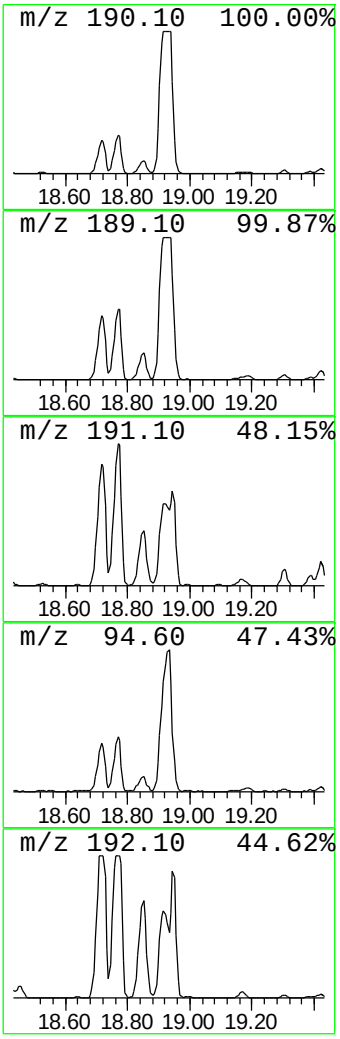
****

Peak Number 37 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	8.92 ng/ul	151575000	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	25
3	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	22
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	22
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	11





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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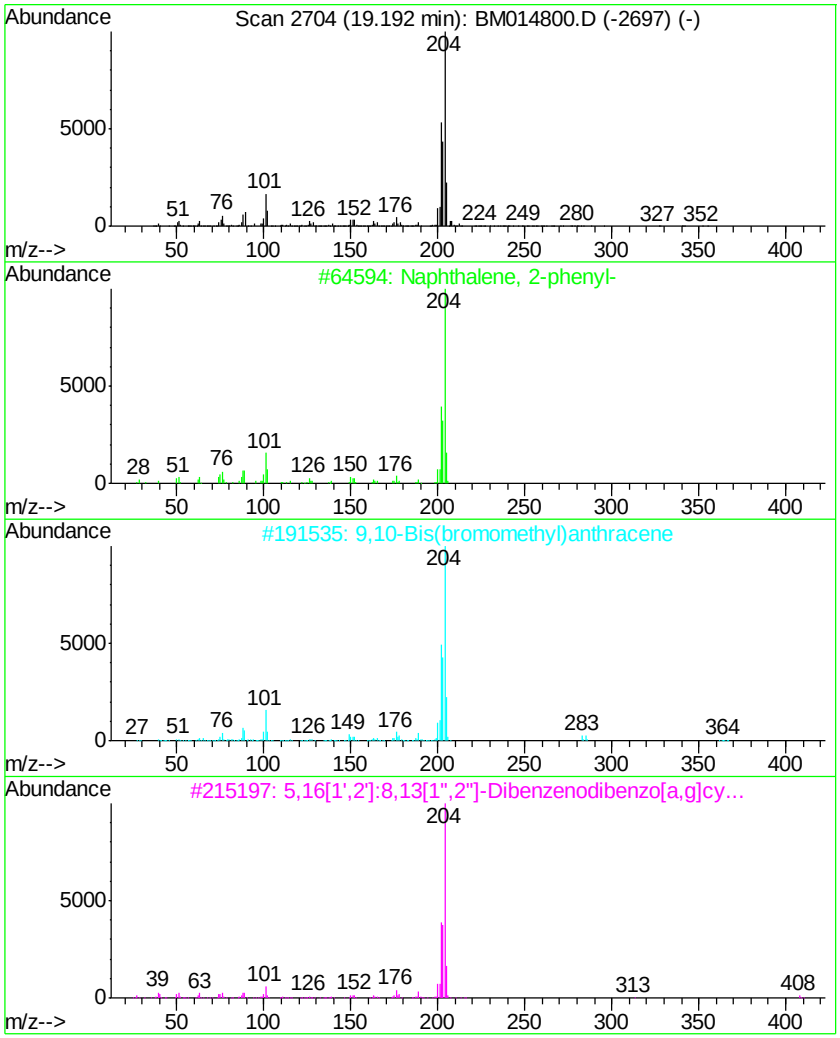
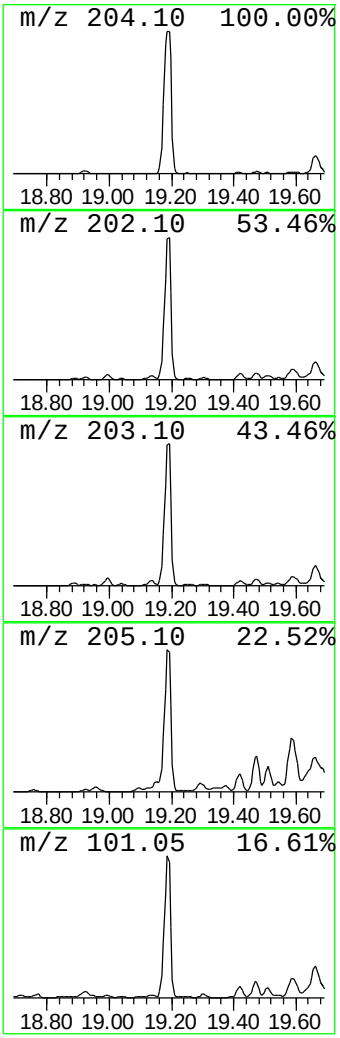
Peak Number 38 Naphthalene, 2-phenyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.90 ng/ul	49231900	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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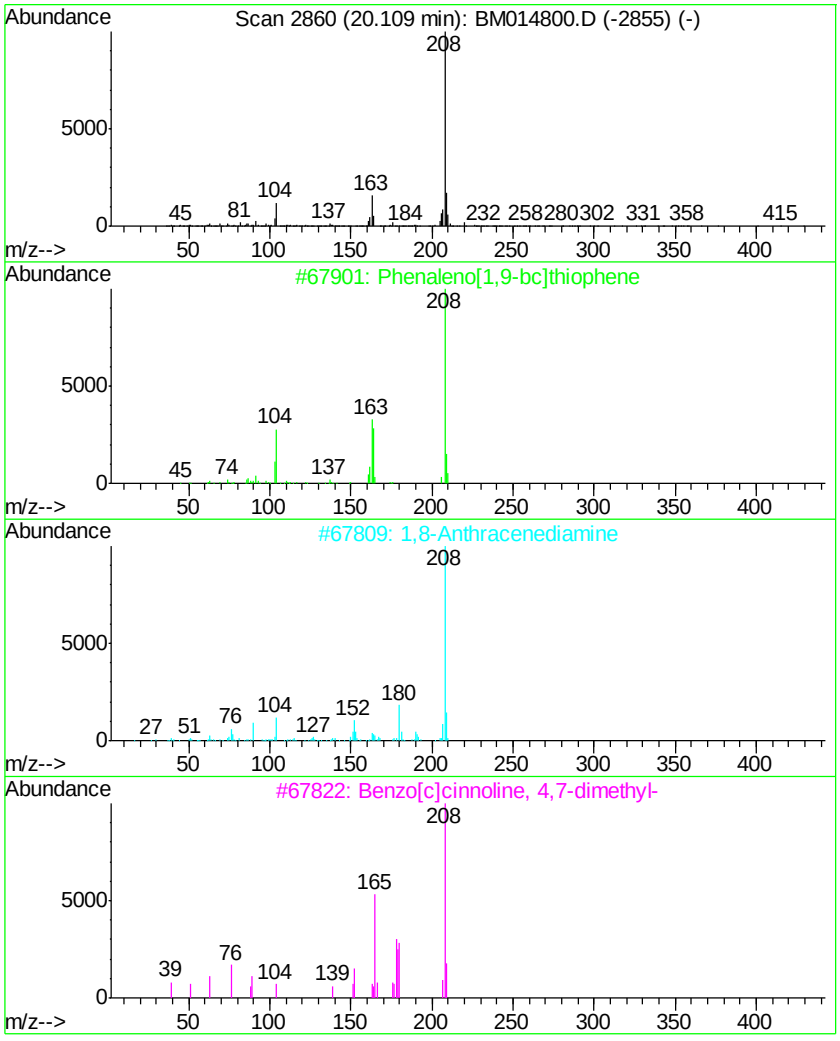
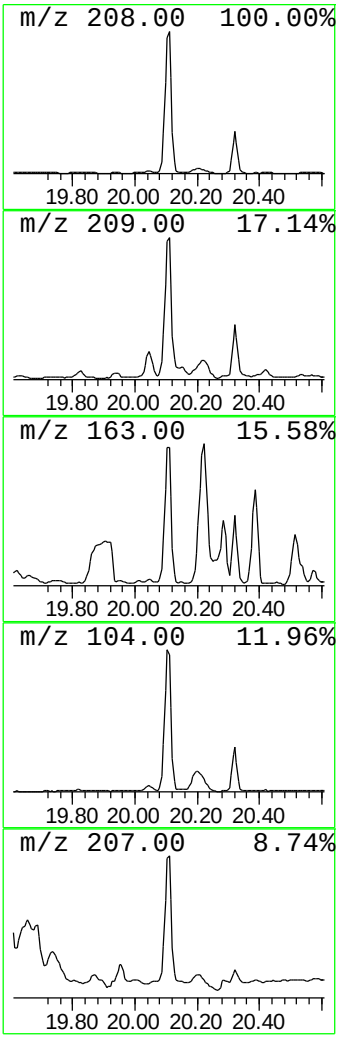
Peak Number 39 Phenaleno[1,9-bc]thiophene Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.16 ng/ul	15260100	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	78
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	Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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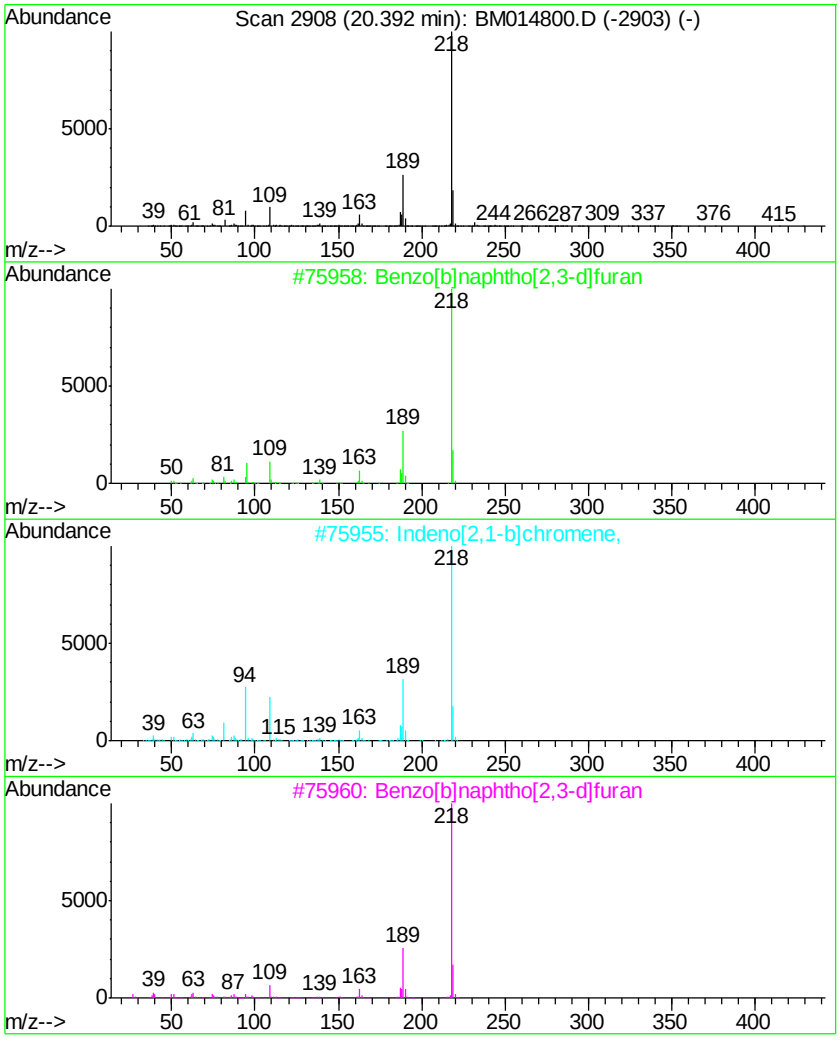
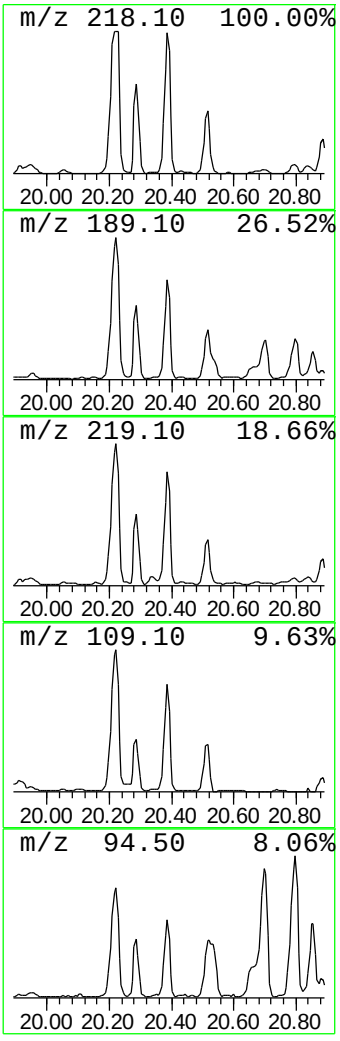
Peak Number 40 Benzo[b]naphtho[2,3-d]furan Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	3.46 ng/ul	24477100	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	96
2	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	94
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	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 : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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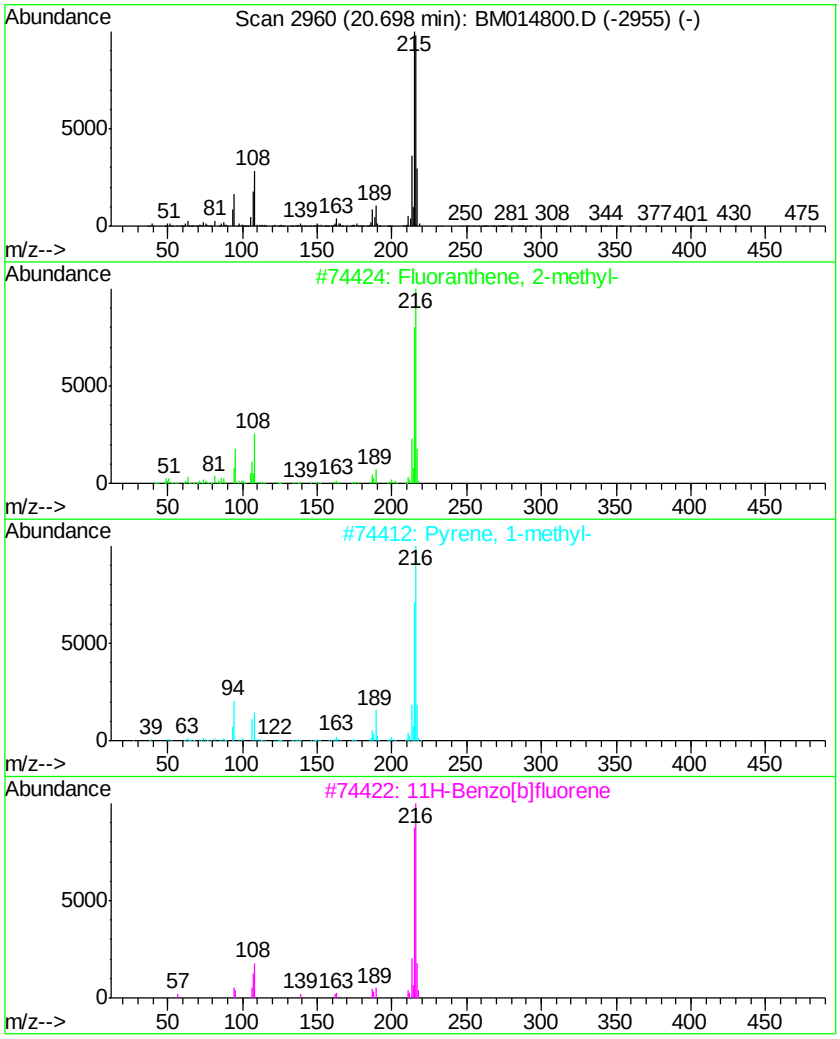
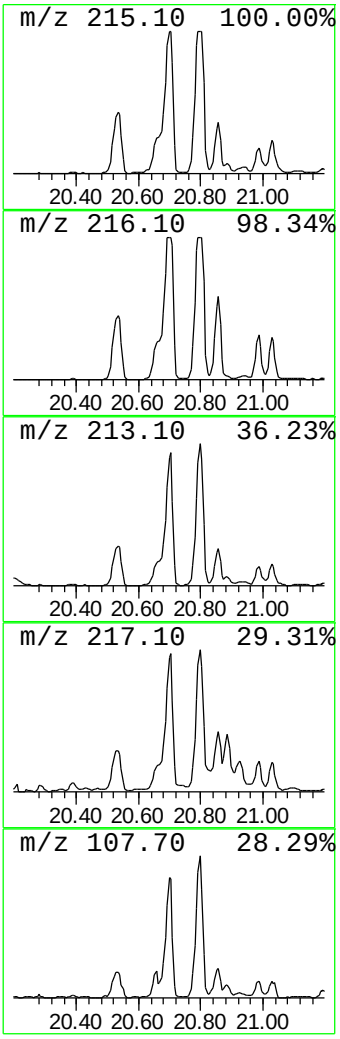
Peak Number 43 Fluoranthene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	8.90 ng/ul	62909400	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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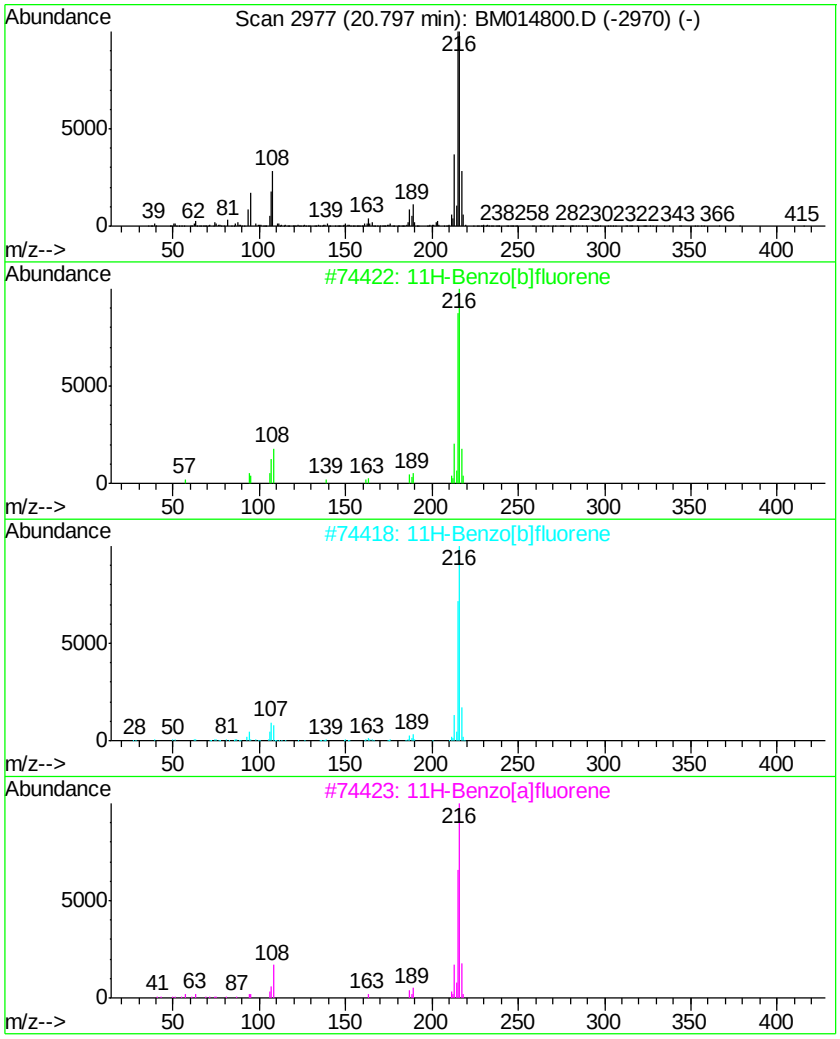
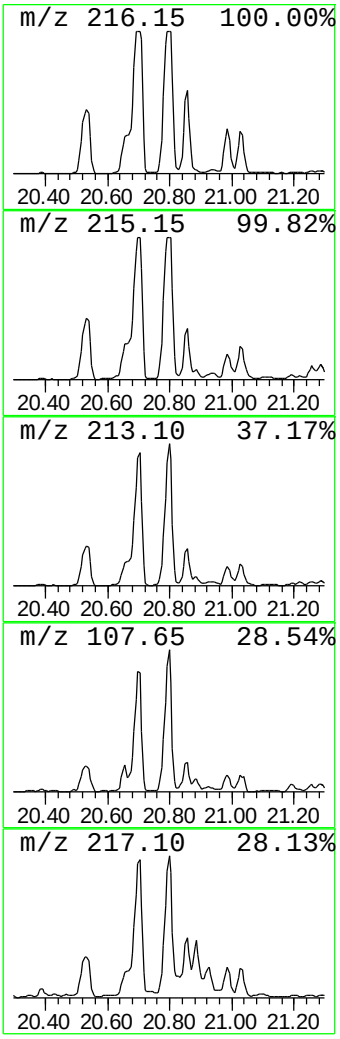
Peak Number 44 11H-Benzo[b]fluorene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	10.76 ng/ul	76038500	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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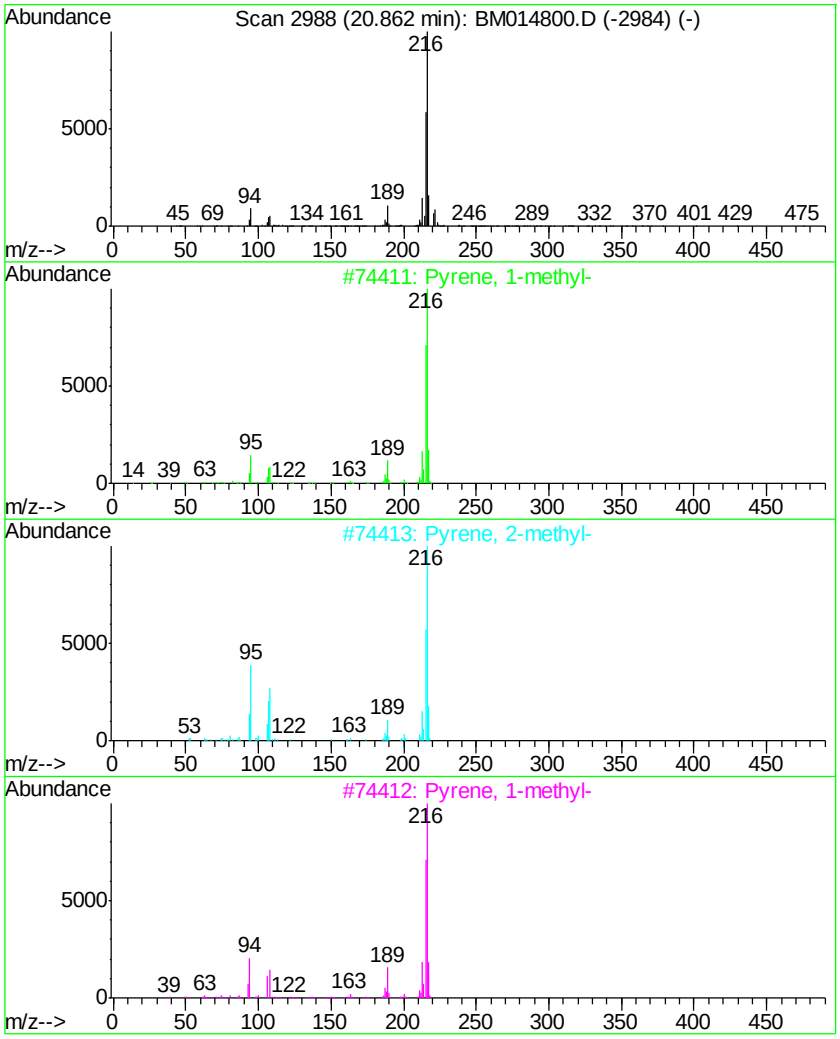
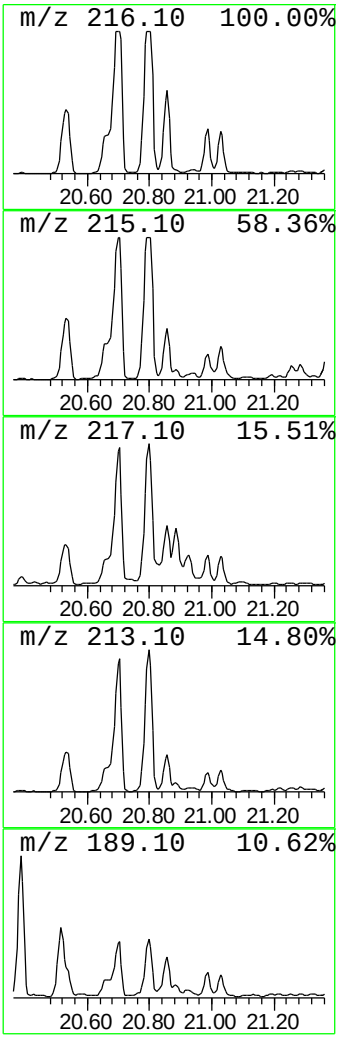
Peak Number 45 Pyrene, 1-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.09 ng/ul	21851700	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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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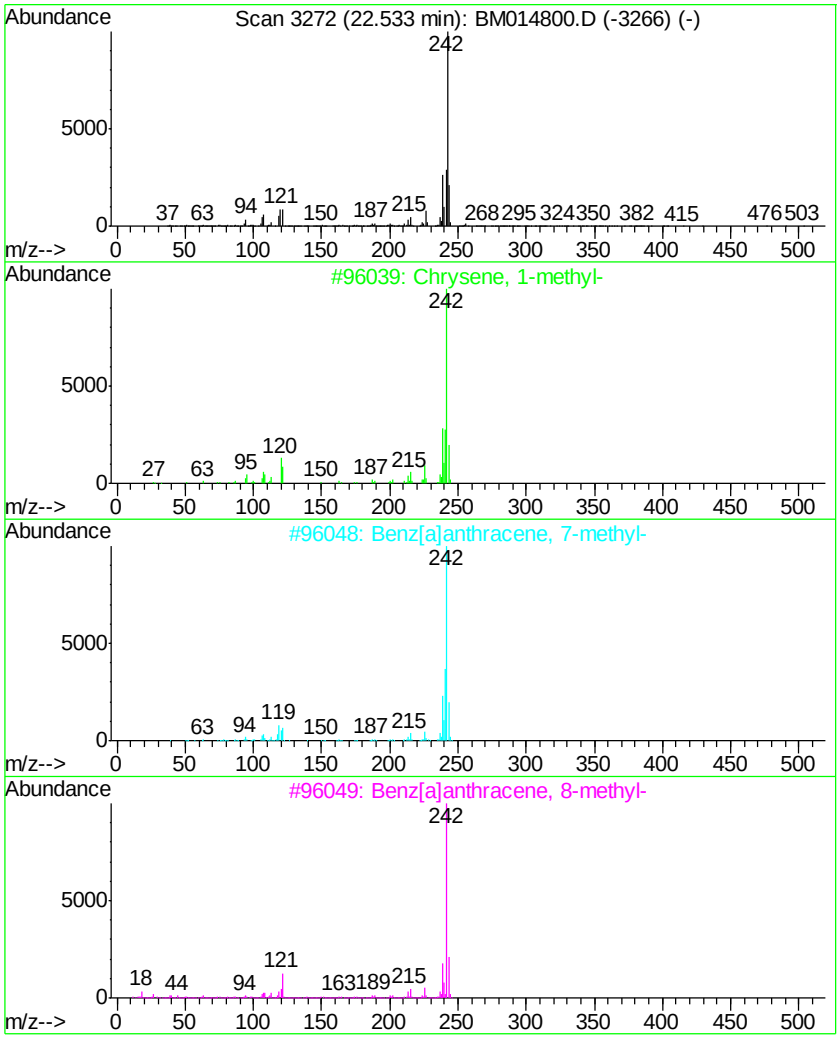
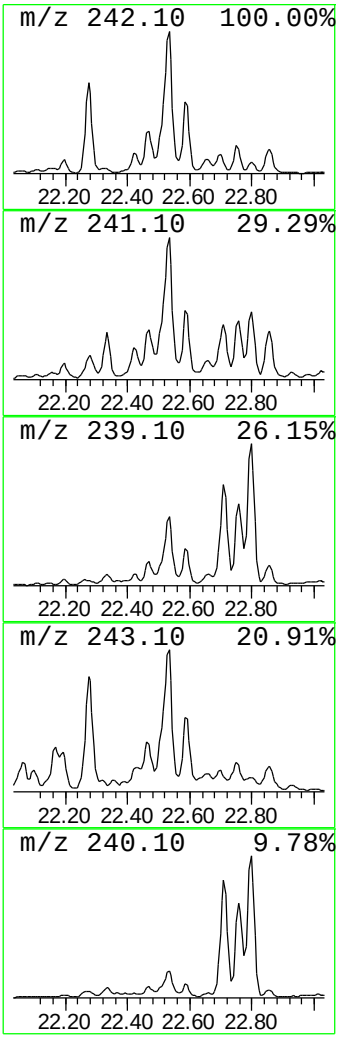
Peak Number 52 Chrysene, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.05 ng/ul	14485500	Chrysene-d12	21.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014800.D
Acq On : 24 Apr 2018 05:40
Operator : SJ/JU
Sample : J2431-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP6

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...	7.02	8.5	ng/ul	11442100	1	8.53	26959400	20.0
(DEL) Alkane: Cyc...	7.12	13.2	ng/ul	17802000	1	8.53	26959400	20.0
(DEL) Alkane: Str...	7.47	10.4	ng/ul	14073500	1	8.53	26959400	20.0
(DEL) Alkane: Str...	8.12	7.3	ng/ul	9894830	1	8.53	26959400	20.0
(DEL) Alkane: Str...	8.42	7.1	ng/ul	9580970	1	8.53	26959400	20.0
(DEL) Alkane: Cyc...	8.82	8.8	ng/ul	11848200	1	8.53	26959400	20.0
(DEL) Alkane: Str...	9.05	13.5	ng/ul	18170100	1	8.53	26959400	20.0
(DEL) Alkane: Str...	9.10	14.4	ng/ul	19377600	1	8.53	26959400	20.0
(DEL) Alkane: Str...	9.29	12.5	ng/ul	16872800	1	8.53	26959400	20.0
Benzene, 4-ethyl-...	9.65	9.0	ng/ul	12191600	1	8.53	26959400	20.0
2-Methylindan-2-ol	9.89	14.5	ng/ul	19583200	1	8.53	26959400	20.0
(DEL) Alkane: Str...	10.00	24.1	ng/ul	12372100	2	11.37	10268700	20.0
(DEL) Alkane: Str...	10.17	22.9	ng/ul	11761000	2	11.37	10268700	20.0
2-(p-Tolyl)ethyla...	10.70	39.5	ng/ul	20259100	2	11.37	10268700	20.0
Benzene, 1-methyl...	10.82	31.3	ng/ul	16052000	2	11.37	10268700	20.0
Naphthalene, 1-et...	14.17	15.6	ng/ul	20368000	3	15.13	26124100	20.0
Naphthalene, 2,6-...	14.32	37.6	ng/ul	49106100	3	15.13	26124100	20.0
Naphthalene, 2,3-...	14.46	31.0	ng/ul	40453300	3	15.13	26124100	20.0
Naphthalene, 1,6,...	15.59	11.5	ng/ul	15042500	3	15.13	26124100	20.0
Naphthalene, 2,3,...	15.73	9.7	ng/ul	12600400	3	15.13	26124100	20.0
Benzene, [1-(2,4-...	16.26	11.9	ng/ul	15474700	3	15.13	26124100	20.0
Diphenylmethane	16.33	37.2	ng/ul	48575800	3	15.13	26124100	20.0
Dibenzofuran, 4-m...	16.46	37.0	ng/ul	48302300	3	15.13	26124100	20.0
[1,1'-Biphenyl]-4...	16.61	4.2	ng/ul	71389400	4	17.86	340019000	20.0
9H-Fluorene, 2-me...	17.16	2.9	ng/ul	49580800	4	17.86	340019000	20.0
Naphtho[2,3-b]thi...	17.68	4.6	ng/ul	77618600	4	17.86	340019000	20.0
Phenanthrene, 2-m...	18.72	3.8	ng/ul	64932700	4	17.86	340019000	20.0
8,9-Dihydrocyclop...	18.77	4.4	ng/ul	75135500	4	17.86	340019000	20.0
unknown-01	18.93	8.9	ng/ul	151575000	4	17.86	340019000	20.0
Naphthalene, 2-ph...	19.19	2.9	ng/ul	49231900	4	17.86	340019000	20.0
Phenaleno[1,9-bc]...	20.11	2.2	ng/ul	15260100	5	21.96	141355000	20.0
Benzo[b]naphtho[2...	20.39	3.5	ng/ul	24477100	5	21.96	141355000	20.0
Fluoranthene, 2-m...	20.70	8.9	ng/ul	62909400	5	21.96	141355000	20.0
11H-Benzo[b]fluorene	20.80	10.8	ng/ul	76038500	5	21.96	141355000	20.0
Pyrene, 1-methyl-	20.86	3.1	ng/ul	21851700	5	21.96	141355000	20.0
Chrysene, 1-methyl-	22.53	2.0	ng/ul	14485500	5	21.96	141355000	20.0