LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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	3.358	8	12	20	rVB	669610	843243	4.19%	0.468%
2	7.646	734	741	753	rBV	1805548	2987963	14.86%	1.657%
3	7.828	760	772	779	rBV	1352805	2185200	10.87%	1.212%
4	8.046	802	809	816	rVV	1630443	2779146	13.82%	1.541%
5	8.116	816	821	826	rVB	186529	269455	1.34%	0.149%
6	8.481	877	883	886	rVV	247476	376679	1.87%	0.209%
7	8.528	886	891	897	rVB	1212775	1961875	9.76%	1.088%
8	9.034	970	977	982	rBV2	107705	210780	1.05%	0.117%
9	9.098	982	988	995	rVB3	136293	265834	1.32%	0.147%
10	9.169	995	1000	1003	rBV2	139734	221080	1.10%	0.123%
11	9.222	1003	1009	1015	rVV	1898312	3071029	15.27%	1.703%
12	9.704	1085	1091	1097	rBV	1515557	2709216	13.47%	1.502%
13	9.892	1111	1123	1130	rVB7	95687	279335	1.39%	0.155%
14	10.434	1203	1215	1228	rBV2	1309891	2605317	12.96%	1.445%
15	10.545	1228	1234	1238	rVV	174403	300325	1.49%	0.167%
16	10.698	1252	1260	1265	rBV2	120914	245610	1.22%	0.136%
17	10.810	1274	1279	1284	rVB2	160480	258394	1.28%	0.143%
18	10.975	1302	1307	1314	rVB	1912555	3095866	15.39%	1.717%
19	11.051	1314	1320	1328	rVB	156245	275869	1.37%	0.153%
20	11.369	1366	1374	1380	rBV	1729569	3032874	15.08%	1.682%
21	11.492	1388	1395	1403	rBV	1873329	3203921	15.93%	1.777%
22	12.992	1644	1650	1656	rBV	264907	398404	1.98%	0.221%
23	13.204	1679	1686	1695	rBV	132850	228975	1.14%	0.127%
24	13.969	1812	1816	1827	rVB	234633	351662	1.75%	0.195%
25	14.169	1845	1850	1858	rVB	208479	346047	1.72%	0.192%
26	14.298	1866	1872	1873	rBV	300484	459828	2.29%	0.255%
27	14.451	1891	1898	1903	rBV	408561	737818	3.67%	0.409%
28	14.516	1903	1909	1914	rVV	3261106	4729730	23.52%	2.623%
29	14.563	1914	1917	1923	rVB	698595	958482	4.77%	0.532%
30	14.686	1932	1938	1942	rBV	219177	334433	1.66%	0.185%
31	14.827	1955	1962	1973	rBV	3701230	5622476	27.96%	3.118%
32	14.980	1984	1988	1993	rVB	199827	260982	1.30%	0.145%
33	15.086	1996	2006	2008	rBV	295749	437159	2.17%	0.242%
34	15.127	2008	2013	2019	rVB2	2285747	3459132	17.20%	1.918%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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	15.192	2019	2024	2030	rVB	1749185	2564296	12.75%	1.422%
36	15.280	2030	2039	2044	rBV	1144973	1719238	8.55%	0.953%
37	15.427	2055	2064	2069	rBV2	163053	345366	1.72%	0.192%
38	15.516	2073	2079	2086	rVV	1541809	2374860	11.81%	1.317%
39	15.586	2086	2091	2099	rVB3	187018	307575	1.53%	0.171%
40	15.916	2135	2147	2153	rBV2	298606	671964	3.34%	0.373%
41	16.104	2174	2179	2184	rBV	4424195	6217305	30.92%	3.448%
42	16.157	2184	2188	2193	rVV	2946532	4241863	21.09%	2.352%
43	16.204	2193	2196	2200	rVB	924194	1146132	5.70%	0.636%
44	16.316	2211	2215	2220	rVB3	462793	698233	3.47%	0.387%
45	16.404	2226	2230	2233	rBV	219184	322635	1.60%	0.179%
46	16.445	2233	2237	2245	rVB	565079	839872	4.18%	0.466%
47	16.586	2255	2261	2269	rBV	568814	1131179	5.63%	0.627%
48	16.768	2287	2292	2294	rBV	178837	244008	1.21%	0.135%
49	16.939	2316	2321	2327	rVB	212334	302334	1.50%	0.168%
50	17.145	2345	2356	2361	rBV2	395084	801396	3.99%	0.444%
51	17.292	2375	2381	2386	rVB2	135831	258880	1.29%	0.144%
52	17.363	2386	2393	2397	rBV3	141700	305888	1.52%	0.170%
53	17.557	2421	2426	2431	rBV3	164226	319368	1.59%	0.177%
54	17.663	2438	2444	2460	rVB	981658	1523786	7.58%	0.845%
55	17.839	2468	2474	2477	rBV	2701195	4039460	20.09%	2.240%
56	17.886	2477	2482	2487	rVV	14300911	20109634	100.00%	11.152%
57	17.939	2487	2491	2494	rVV2	4630123	6627575	32.96%	3.675%
58	17.974	2494	2497	2502	rVV	2408184	3283629	16.33%	1.821%
59	18.027	2502	2506	2511	rVB	143249	217344	1.08%	0.121%
60	18.345	2555	2560	2567	rBV2	168579	277515	1.38%	0.154%
61	18.668	2605	2615	2617	rBV	592325	880832	4.38%	0.488%
62	18.698	2617	2620	2624	rVV	816631	1165028	5.79%	0.646%
63	18.745	2624	2628	2634	rVV	1021024	1430275	7.11%	0.793%
64	18.821	2635	2641	2646	rVV	364839	569198	2.83%	0.316%
65	18.892	2646	2653	2666	rVB2	1702672	3230217	16.06%	1.791%
66	19.174	2696	2701	2707	rBV	634804	878791	4.37%	0.487%
67	19.580	2765	2770	2775	rBV2	192232	365895	1.82%	0.203%
68	19.651	2779	2782	2789	rVB3	134205	272066	1.35%	0.151%
69	19.845	2808	2815	2821	rBV	8244712	11078353	55.09%	6.143%
70	19.904	2821	2825	2828	rVV3	198496	266488	1.33%	0.148%
71	20.086	2848	2856	2864	rVB2	238527	533963	2.66%	0.296%

LSC Area Percent Report

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Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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	20.174	2864	2871	2874	rBV2	6376381	10448863	51.96%	5.794%
73	20.204	2874	2876	2883	rVV	5878429	6655532	33.10%	3.691%
74	20.262	2883	2886	2893	rVB2	231620	342463	1.70%	0.190%
75	20.368	2900	2904	2909	rBV	356451	462807	2.30%	0.257%
76	20.509	2922	2928	2934	rBV4	250910	627156	3.12%	0.348%
77	20.674	2944	2956	2962	rBV	930289	1577370	7.84%	0.875%
78	20.774	2968	2973	2977	rBV2	1105672	1478823	7.35%	0.820%
79	20.833	2981	2983	2986	rVB	238145	265709	1.32%	0.147%
80	21.362	3069	3073	3077	rBV	206486	294008	1.46%	0.163%
81	21.580	3105	3110	3118	rBV3	1695425	2562067	12.74%	1.421%
82	21.651	3118	3122	3126	rBV2	313219	455682	2.27%	0.253%
83	21.792	3142	3146	3153	rBV	1274657	1561389	7.76%	0.866%
84	21.921	3161	3168	3172	rBV2	3860685	7677938	38.18%	4.258%
85	21.962	3172	3175	3184	rVB	1771613	2371623	11.79%	1.315%
86	22.092	3194	3197	3202	rVB	299955	391580	1.95%	0.217%
87	23.656	3458	3463	3468	rBV	568866	1294470	6.44%	0.718%
88	24.256	3559	3565	3571	rBV	3427731	6546539	32.55%	3.630%
89	24.415	3586	3592	3599	rBV	2169568	4249265	21.13%	2.356%

Sum of corrected areas: 180329864

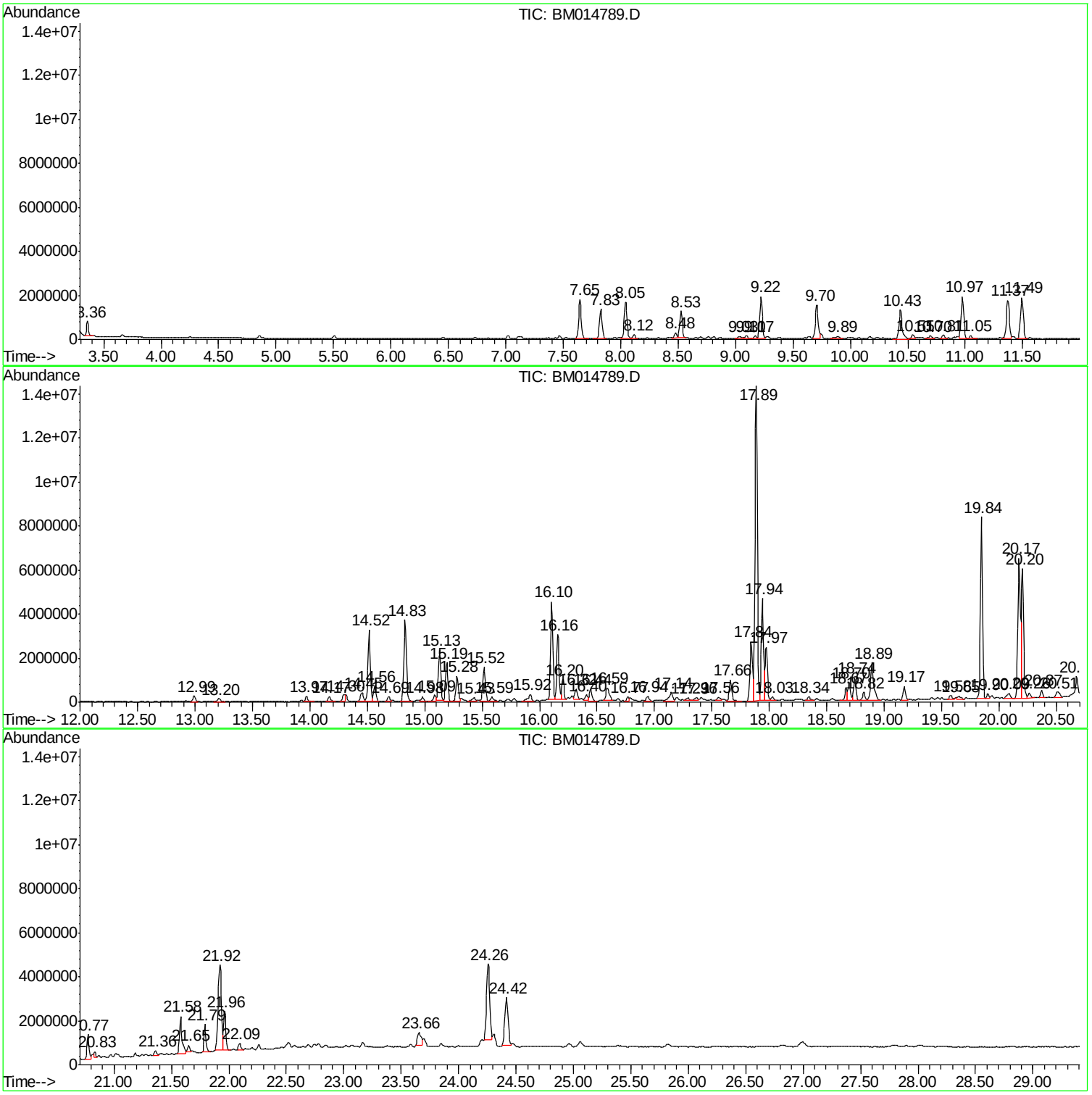
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP1

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

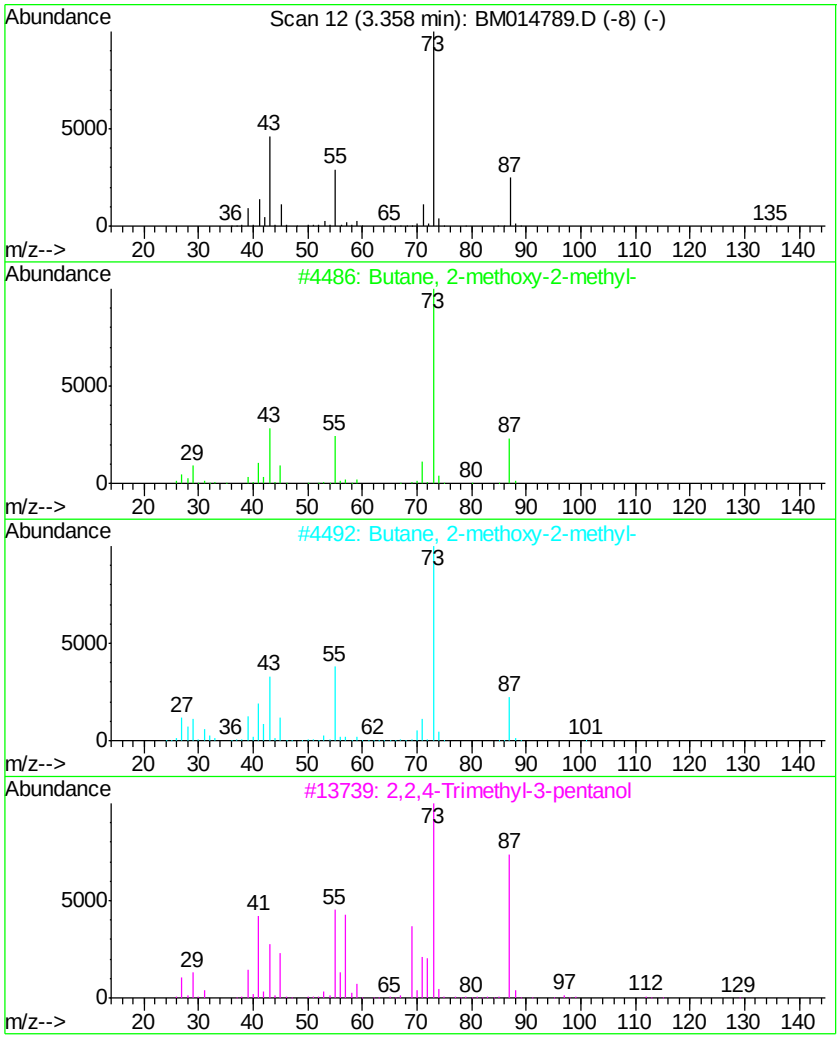
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

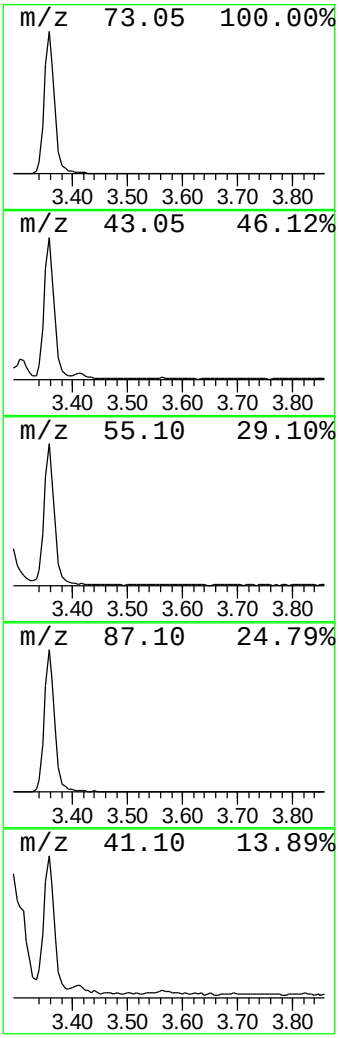
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	8.60 ng/ul	843243	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

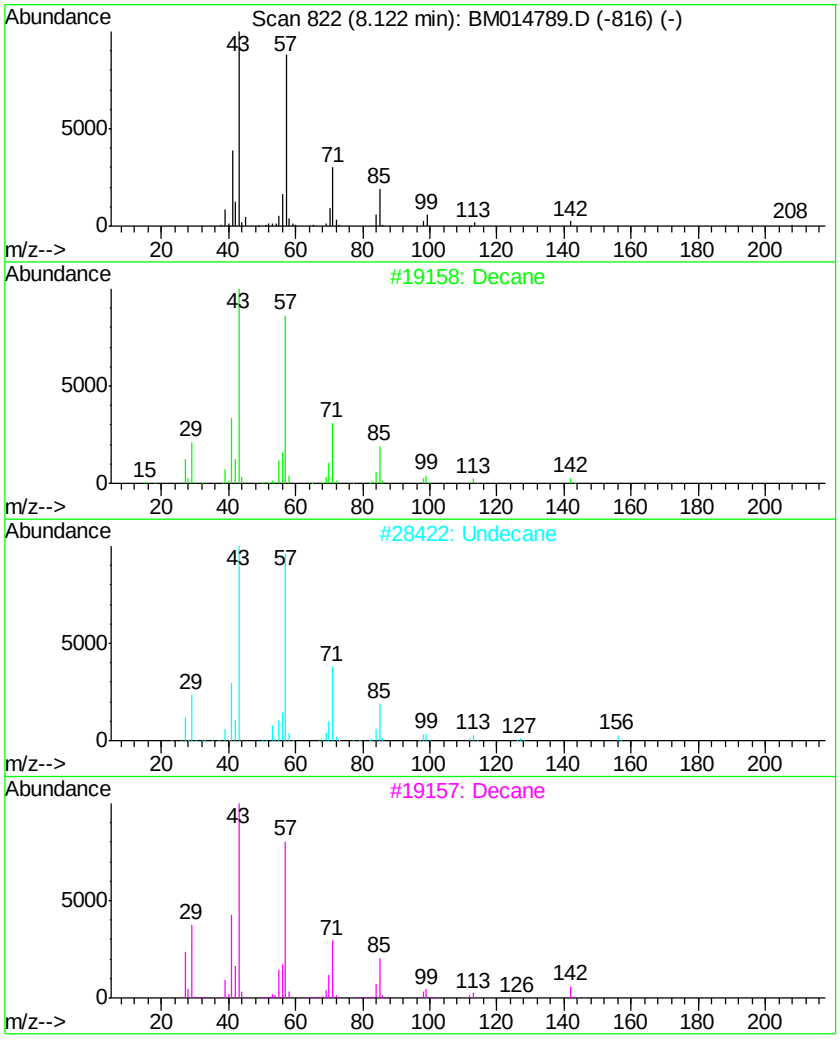
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

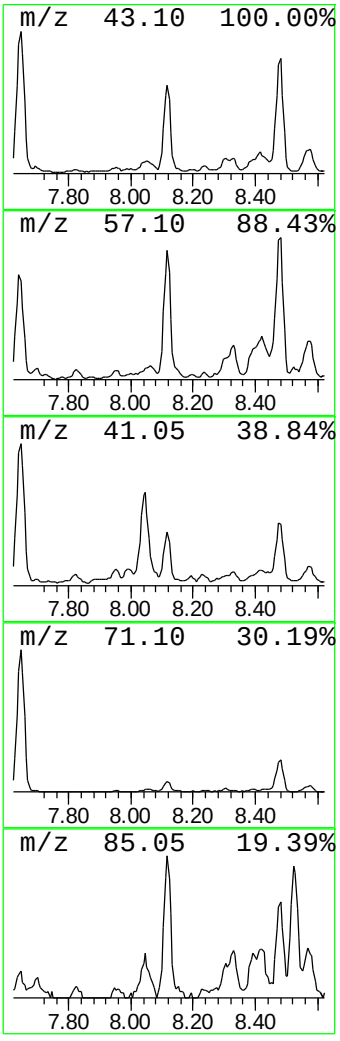
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.75 ng/ul	269455	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Undecane	156	C11H24	001120-21-4	83
3	Decane	142	C10H22	000124-18-5	83
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Nonane	128	C9H20	000111-84-2	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

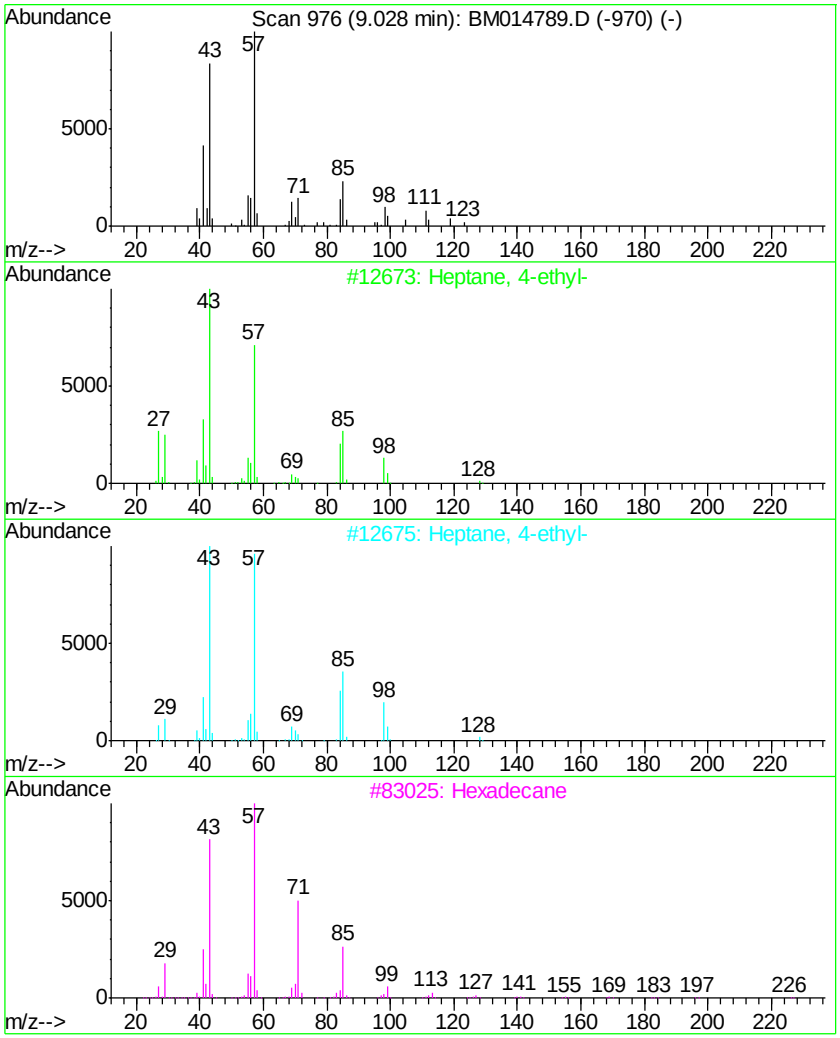
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

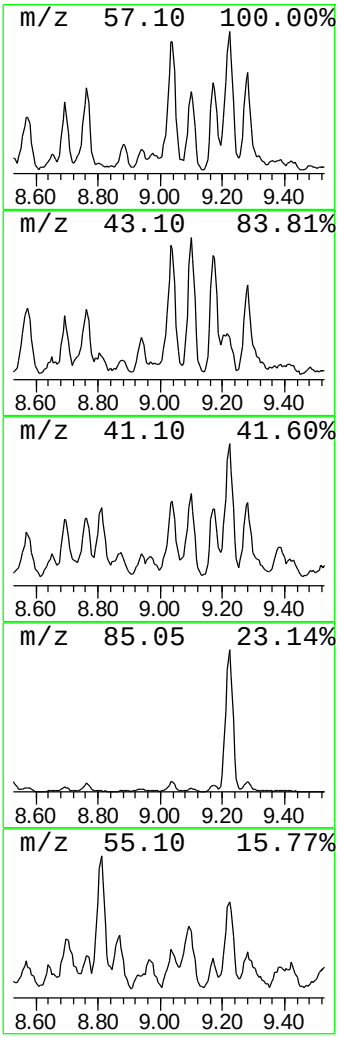
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.15 ng/ul	210780	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	78
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane, 5-methyl-	156	C11H24	013151-35-4	64
5	Decane, 5-methyl-	156	C11H24	013151-35-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

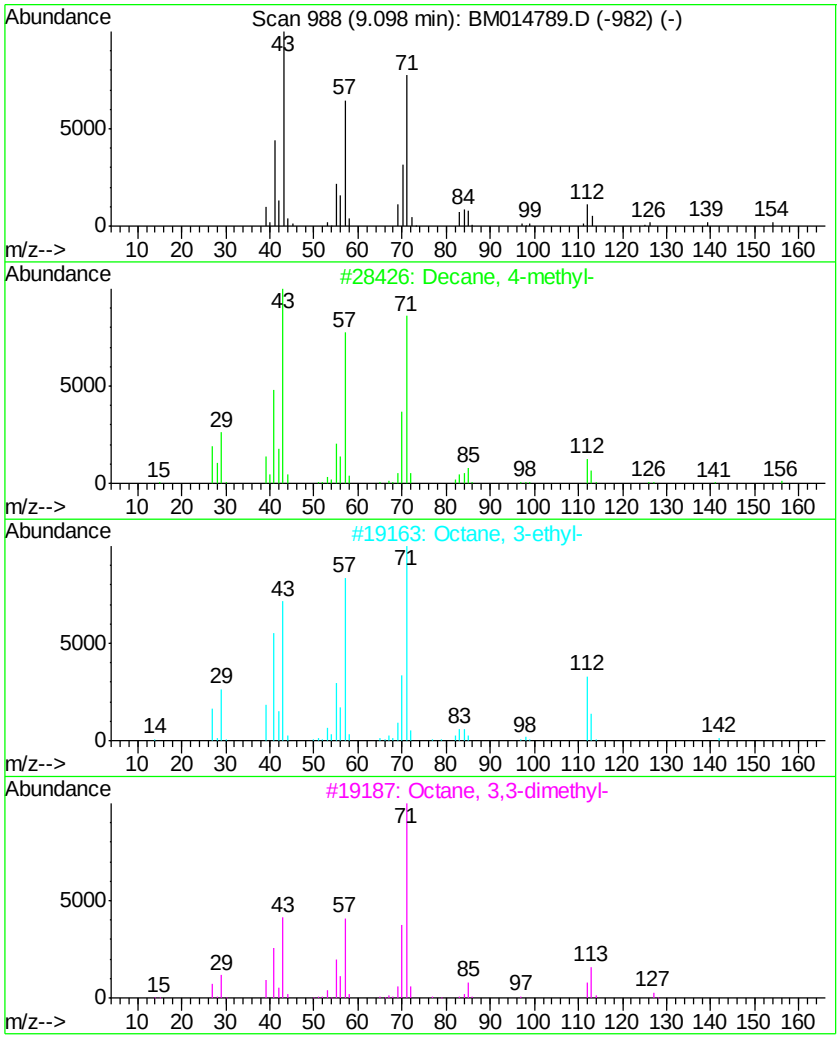
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

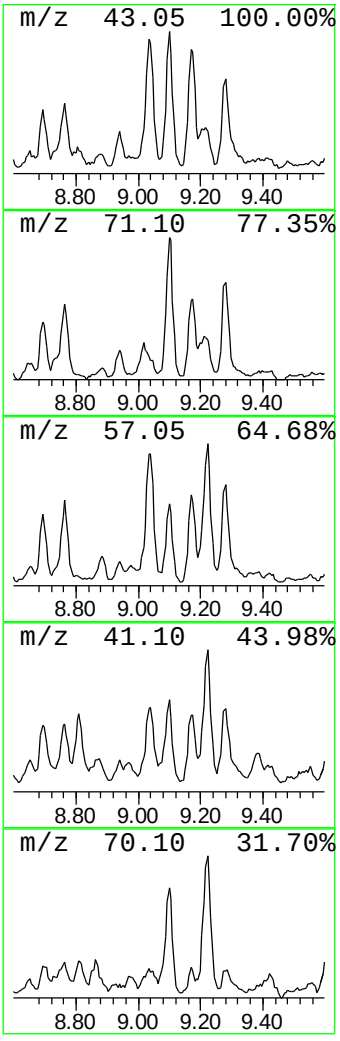
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.71 ng/ul	265834	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	83
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
4	1,2-Cyclohexanediol, 1-methyl-, ...	130	C7H14O2	019534-08-8	78
5	Decane, 4-methyl-	156	C11H24	002847-72-5	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

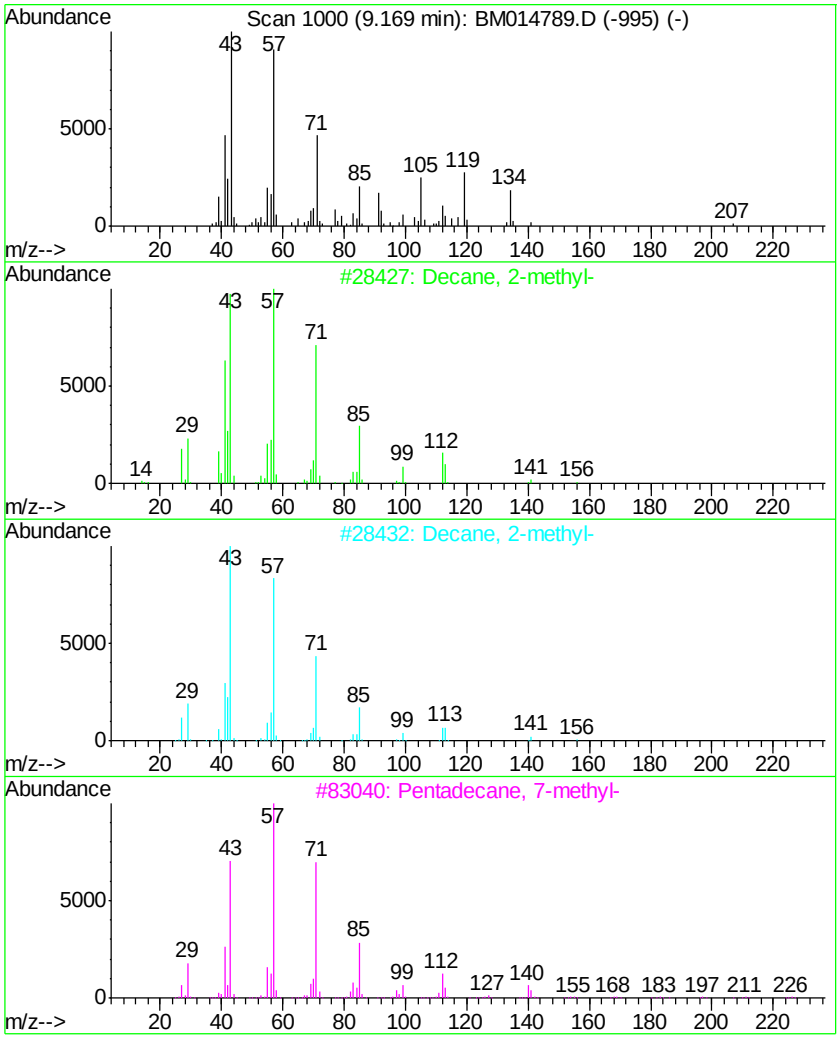
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

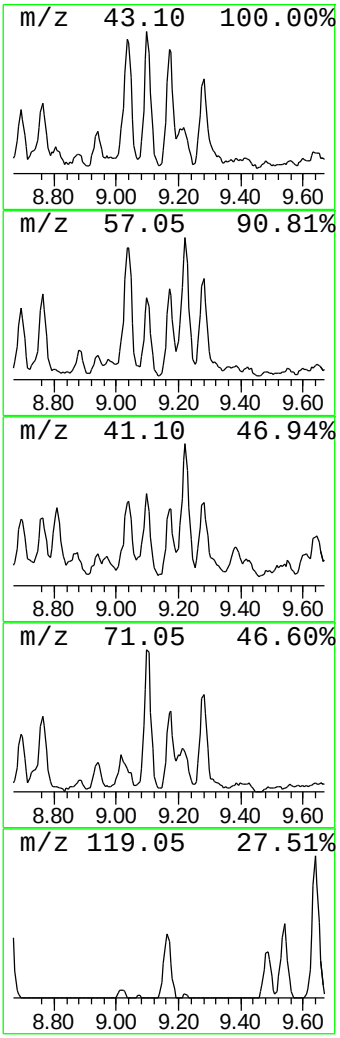
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.25 ng/ul	221080	1,4-Dichlorobenzene-d4	8.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	52
2	Decane, 2-methyl-	156	C11H24	006975-98-0	49
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
4	Heptacosane	380	C27H56	000593-49-7	43
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

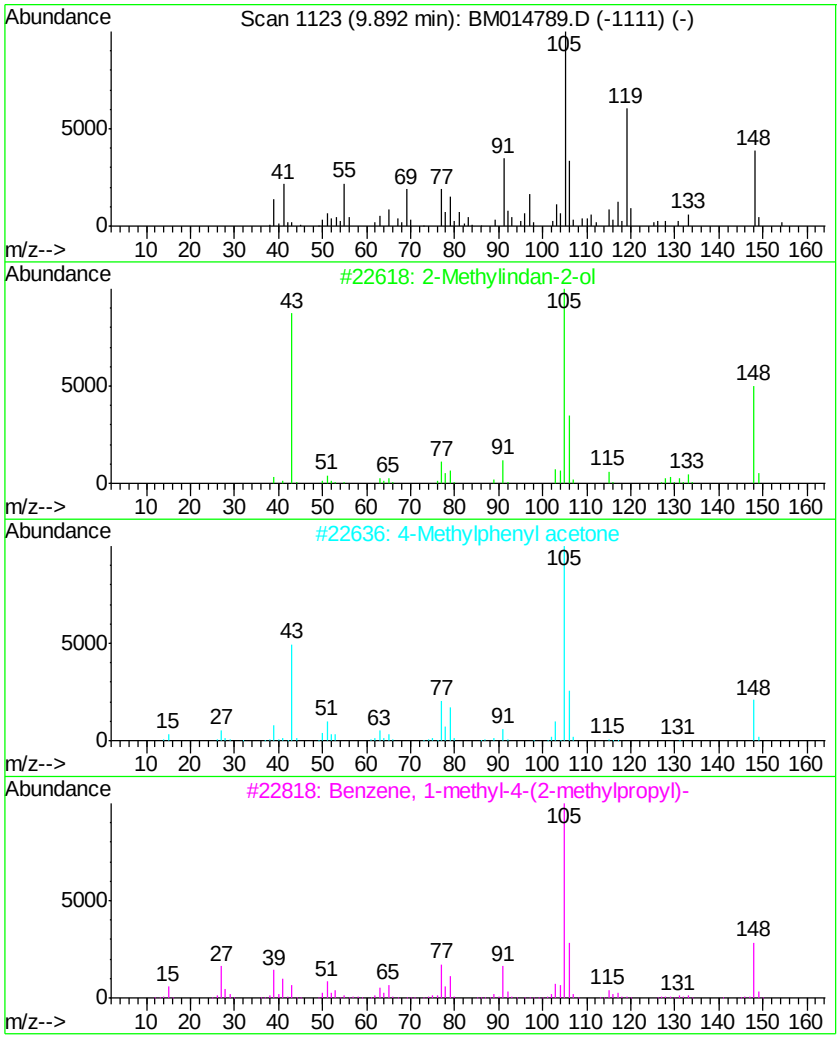
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

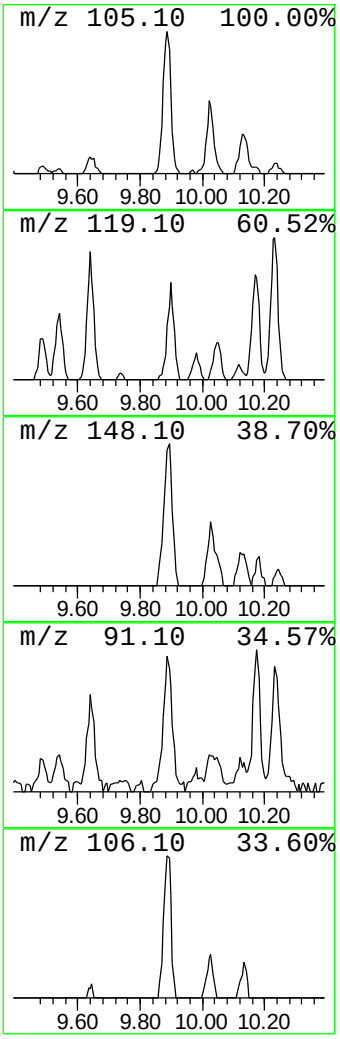
****

Peak Number 6 2-Methylindan-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.85 ng/ul	279335	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	55
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	53
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	53
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	46
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46





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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

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

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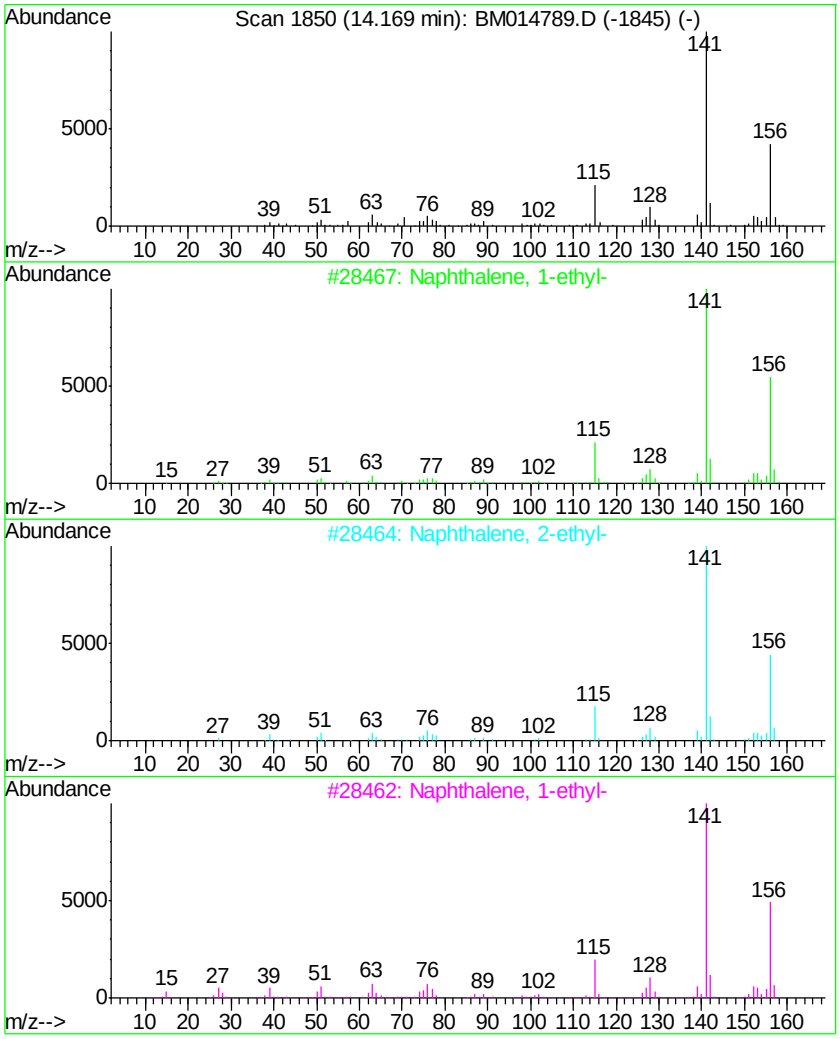
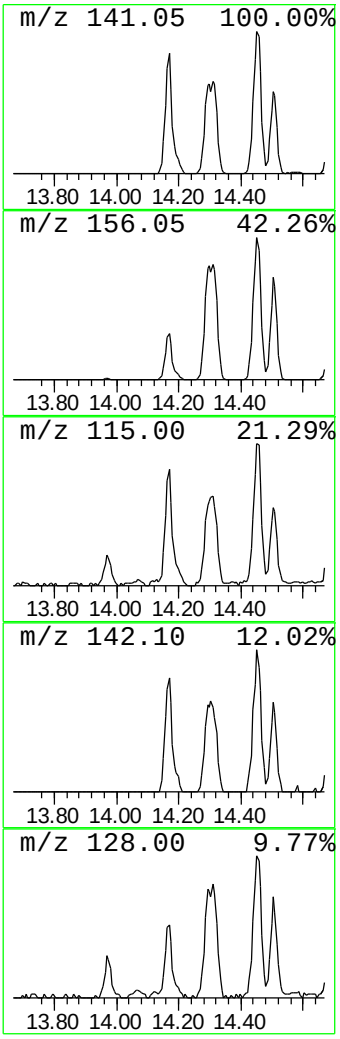
Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.00 ng/ul	346047	Acenaphthene-d10	15.13

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





Library Search Compound Report

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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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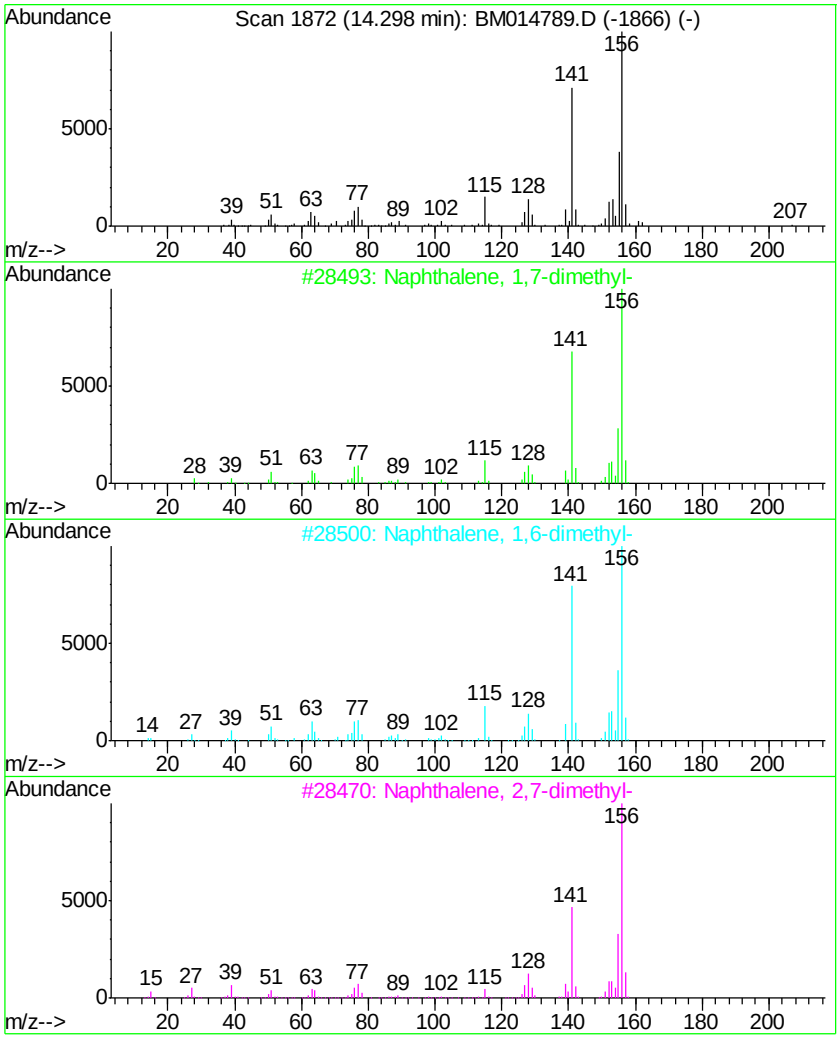
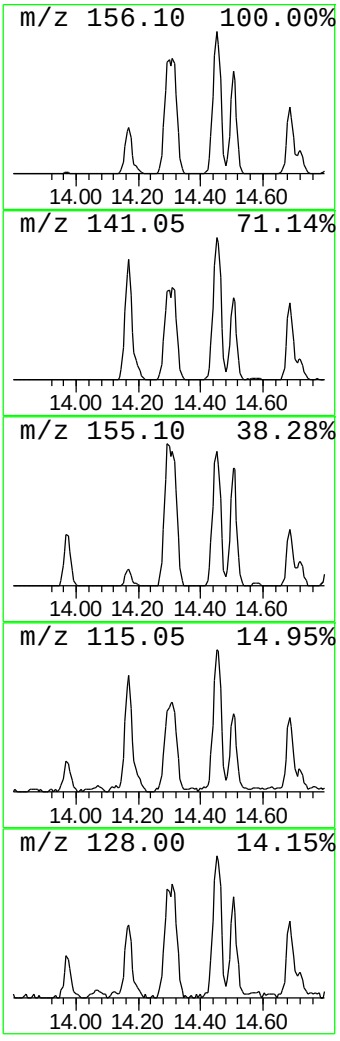
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.66 ng/ul	459828	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

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

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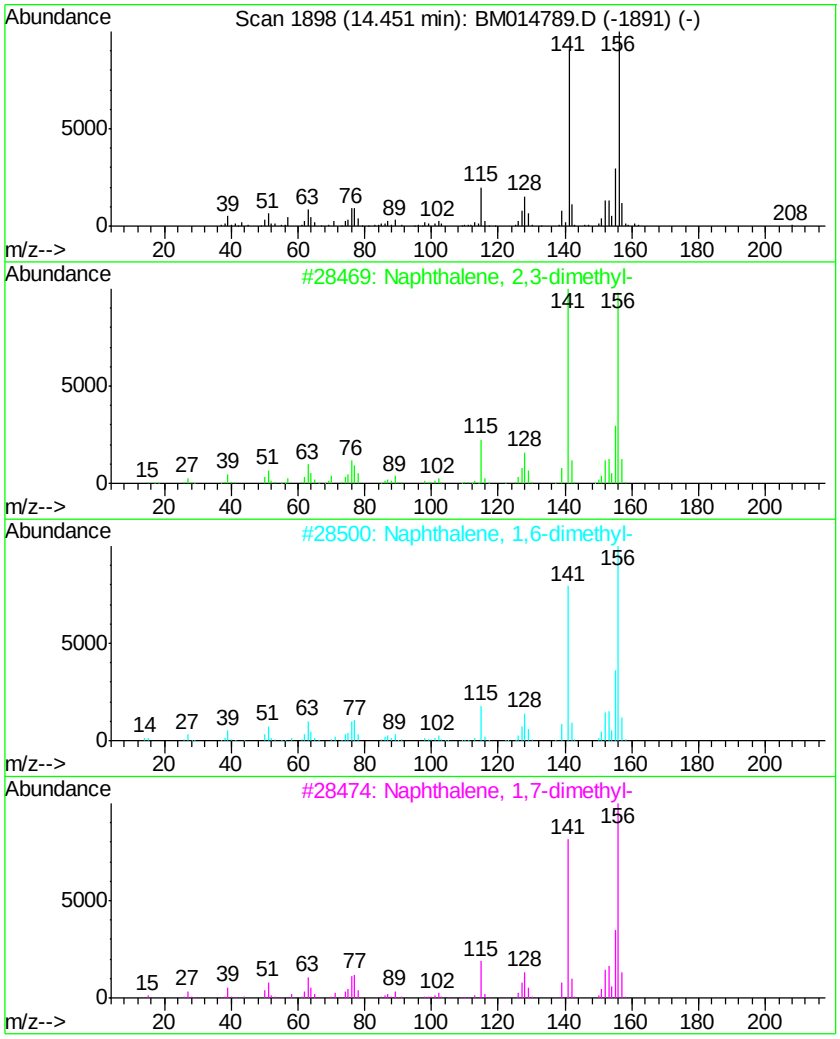
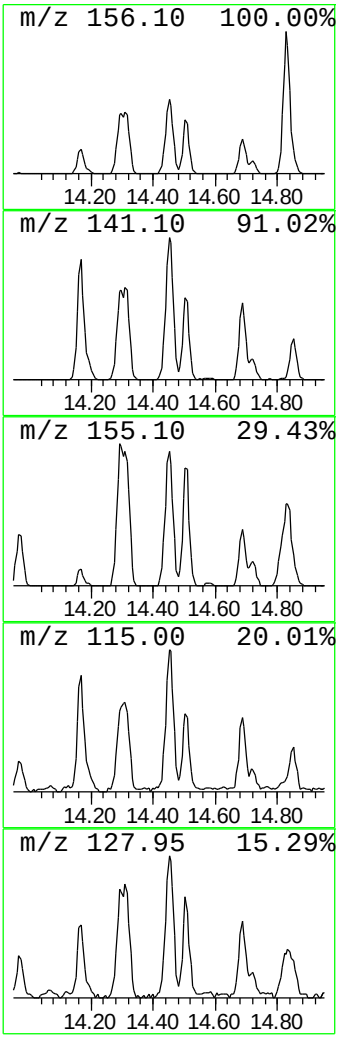
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.27 ng/ul	737818	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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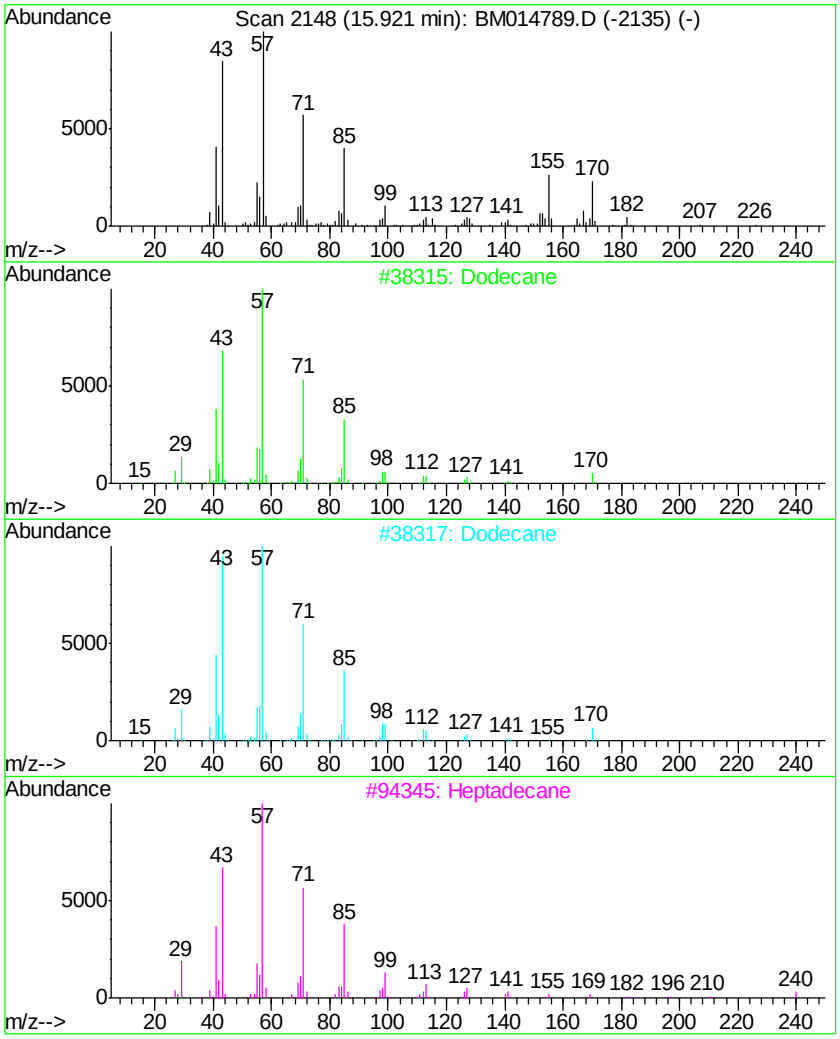
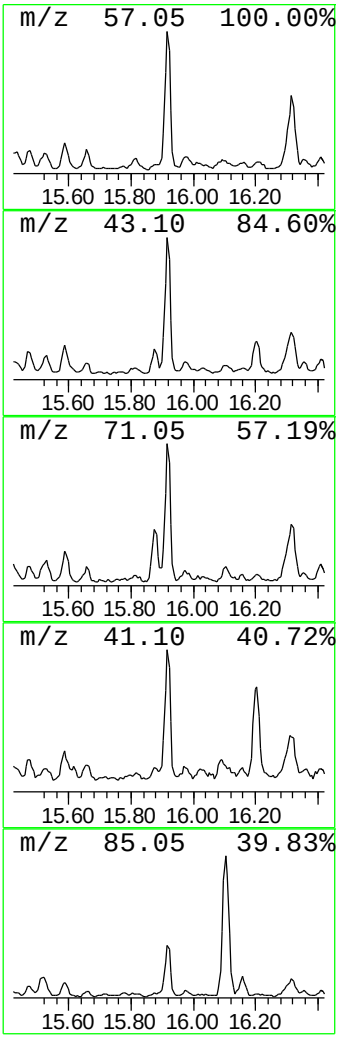
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.89 ng/ul	671964	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Dodecane	170	C12H26	000112-40-3	81
3	Heptadecane	240	C17H36	000629-78-7	74
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	74
5	Eicosane	282	C20H42	000112-95-8	74





Library Search Compound Report

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Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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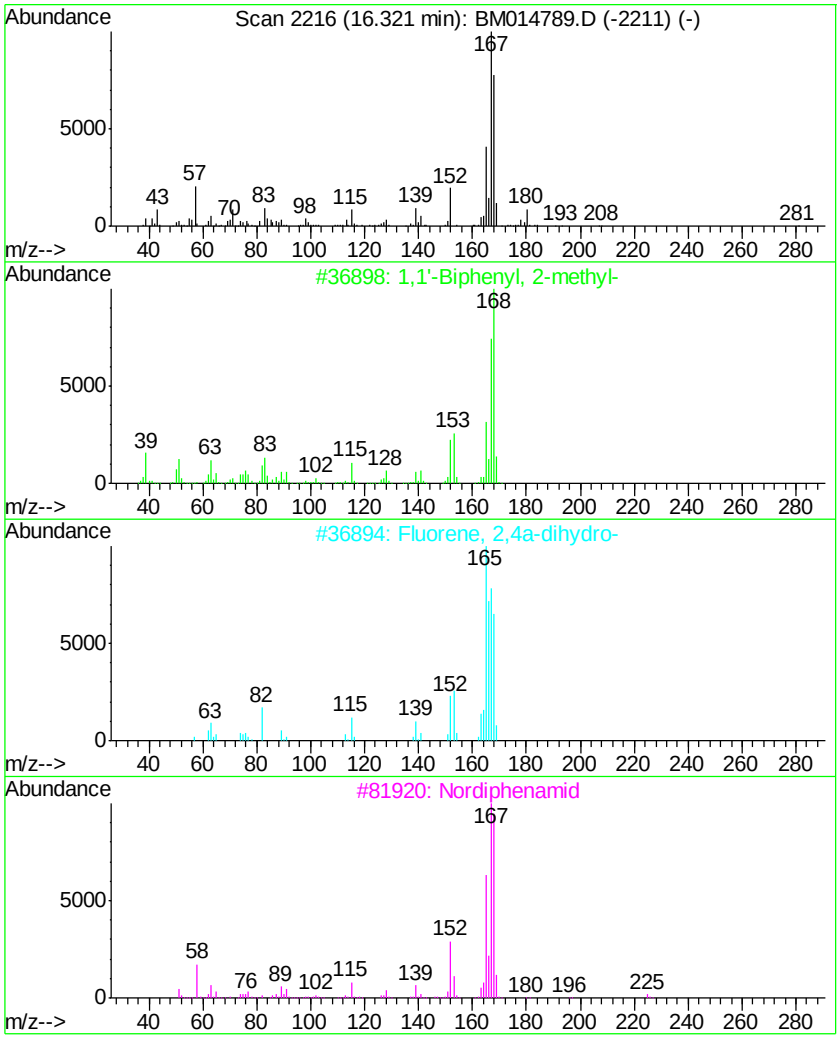
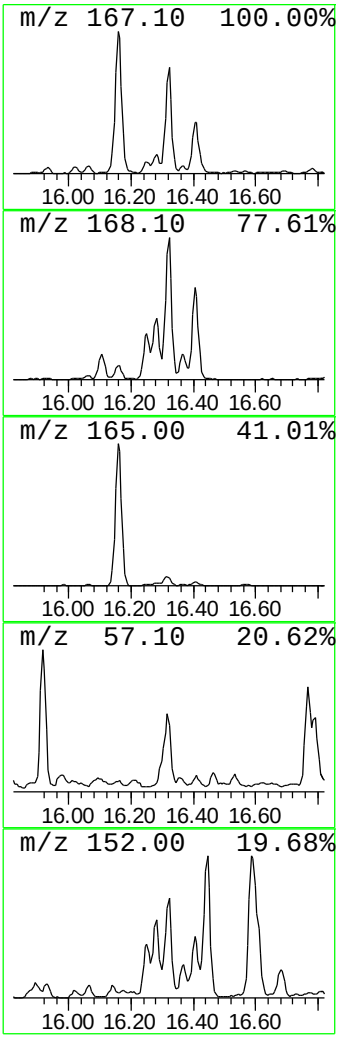
Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.04 ng/ul	698233	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
3	Nordiphenamid	225	C15H15NO	000954-21-2	80
4	Diphenylmethane	168	C13H12	000101-81-5	76
5	Diphenylmethane	168	C13H12	000101-81-5	76





Library Search Compound Report

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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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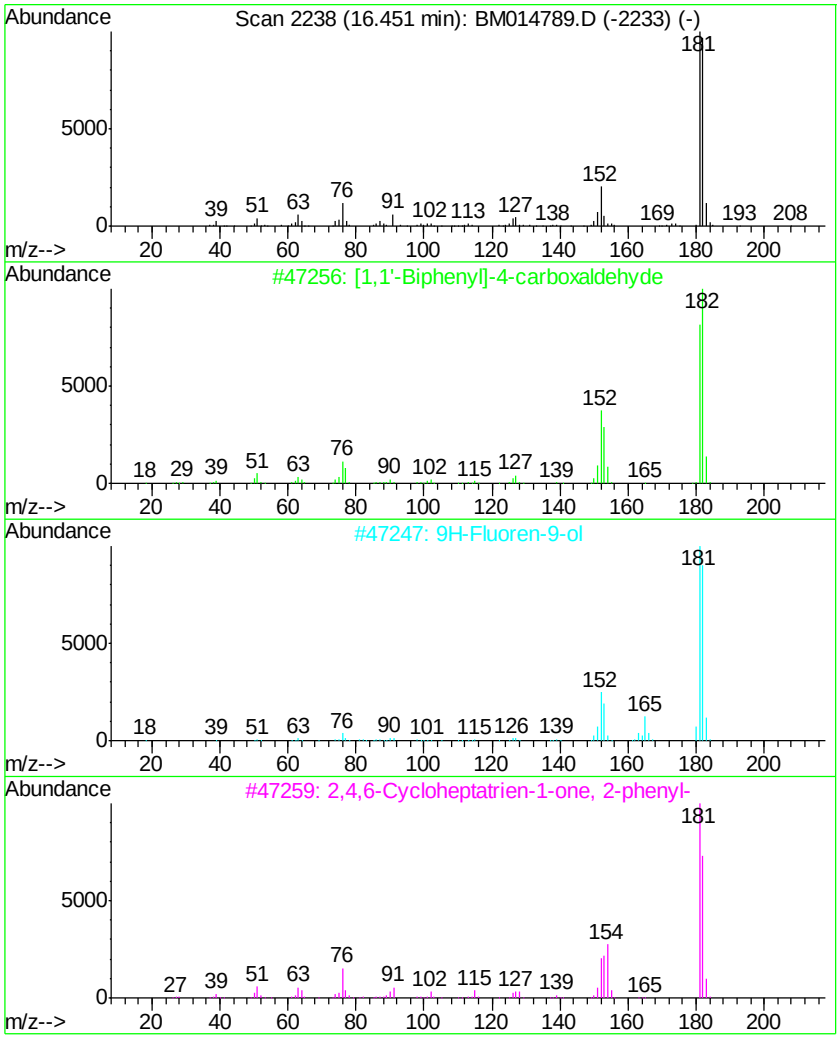
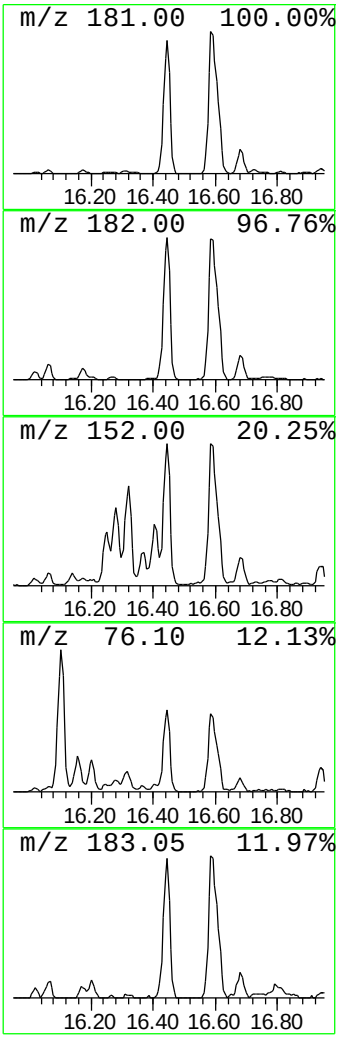
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	4.86 ng/ul	839872	Acenaphthene-d10	15.13

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





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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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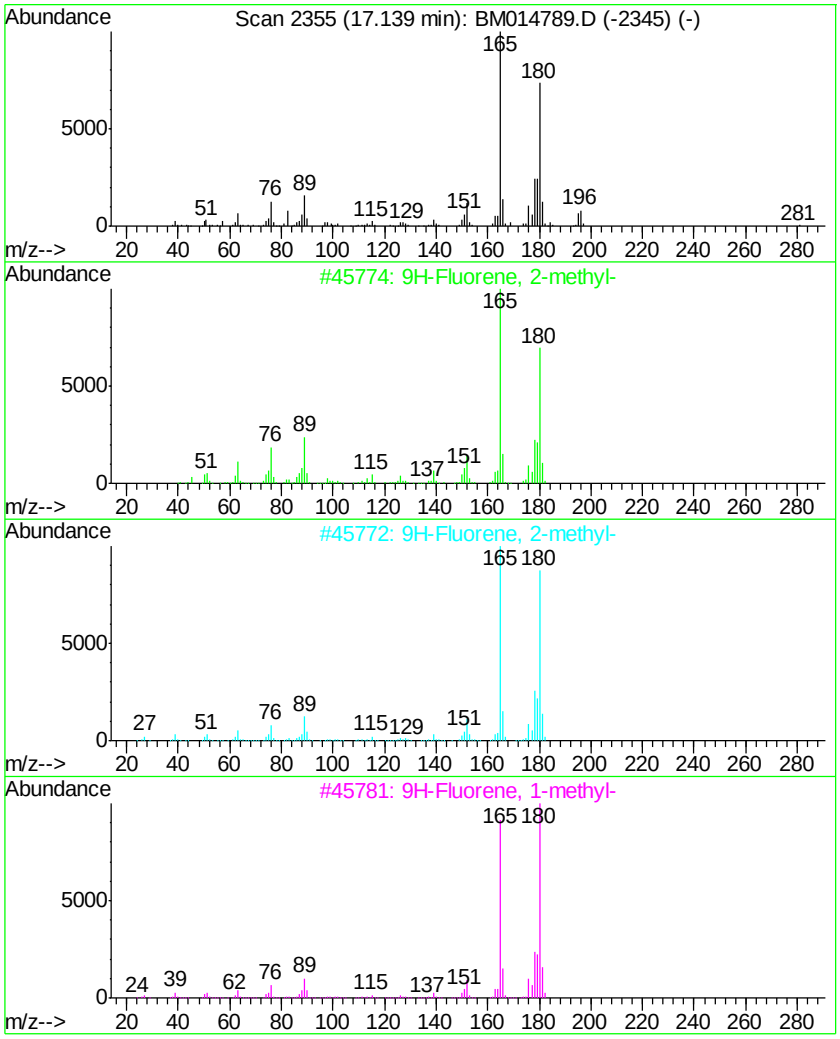
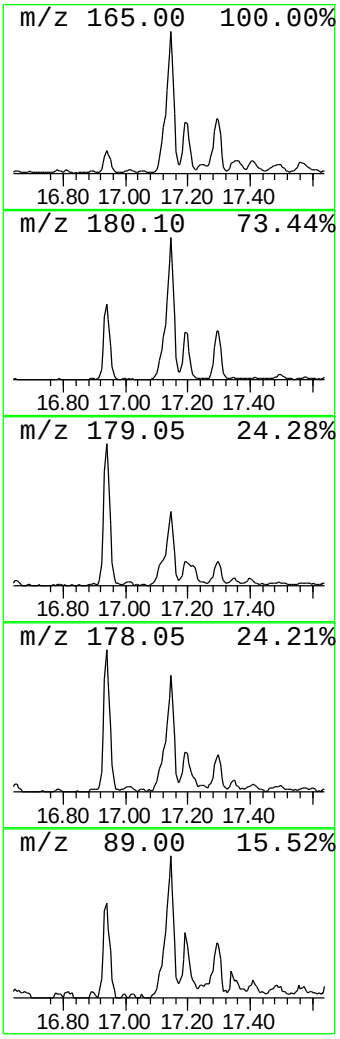
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.97 ng/ul	801396	Phenanthrene-d10	17.84

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





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Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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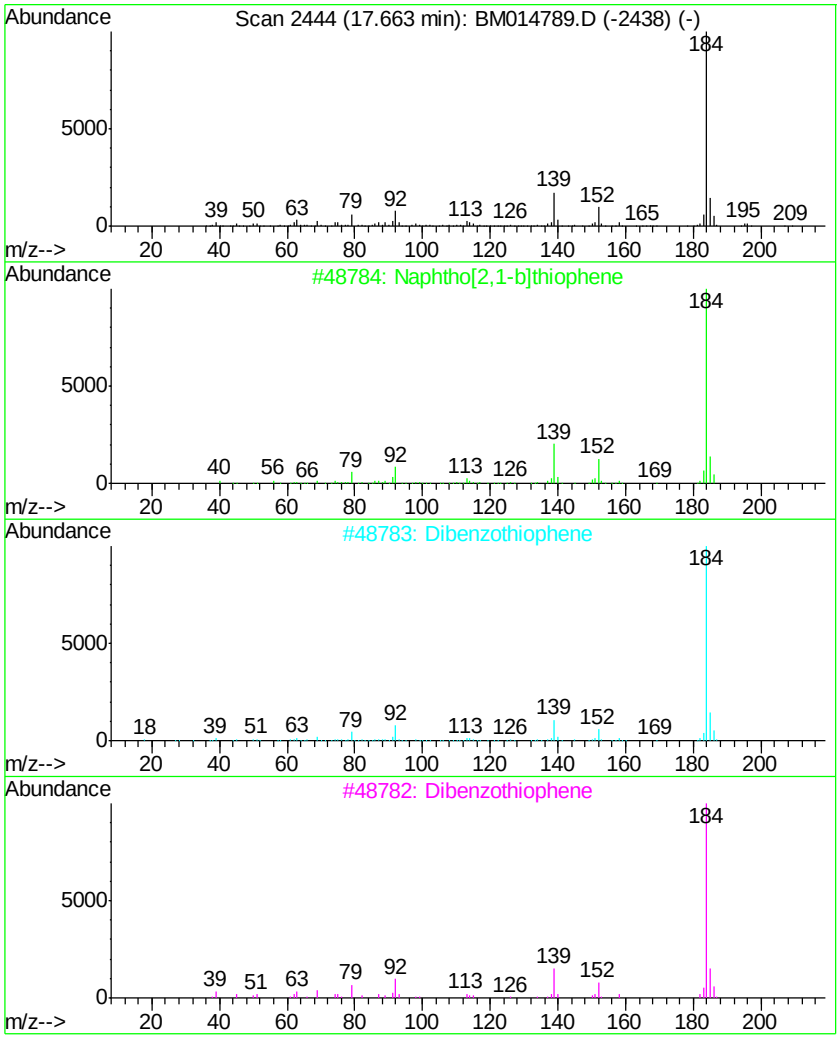
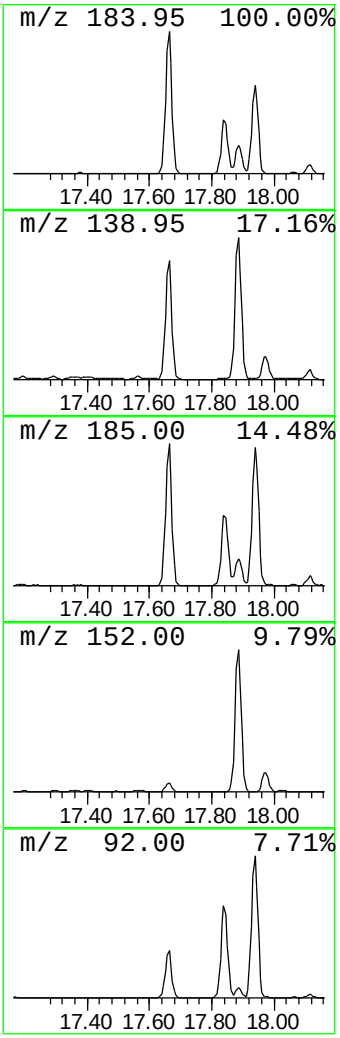
Peak Number 15 Naphtho[2,1-b]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	7.54 ng/ul	1523790	Phenanthrene-d10	17.84

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





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Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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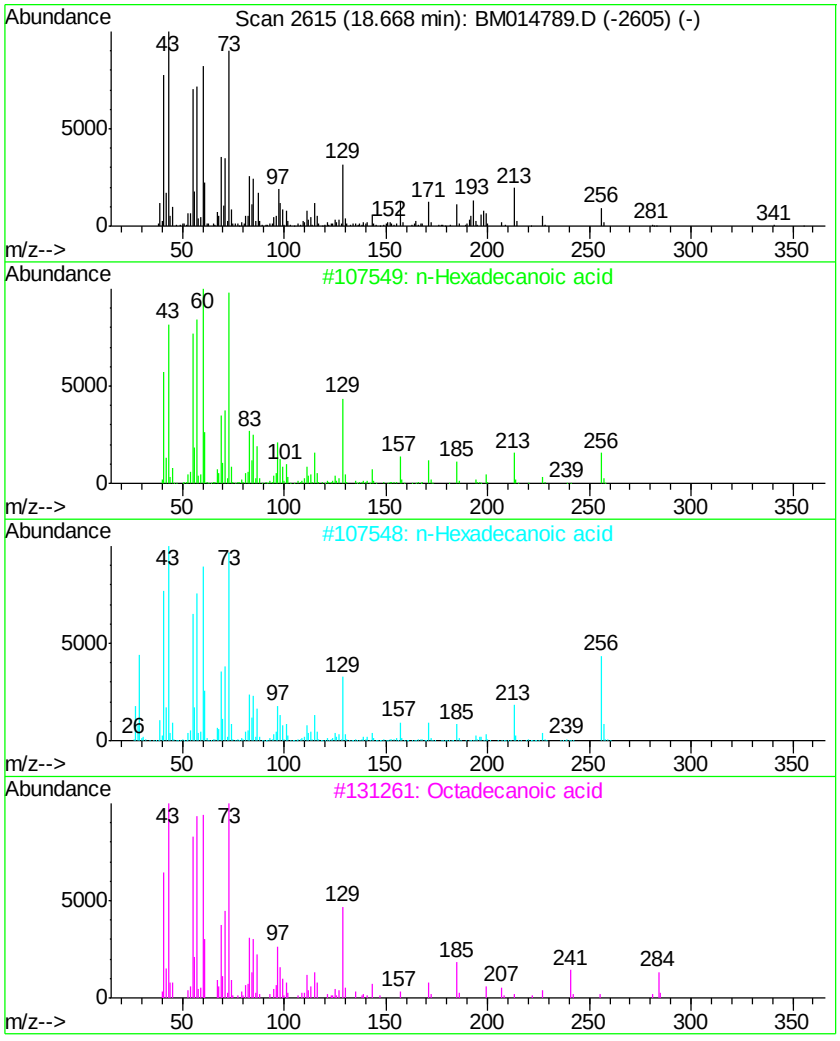
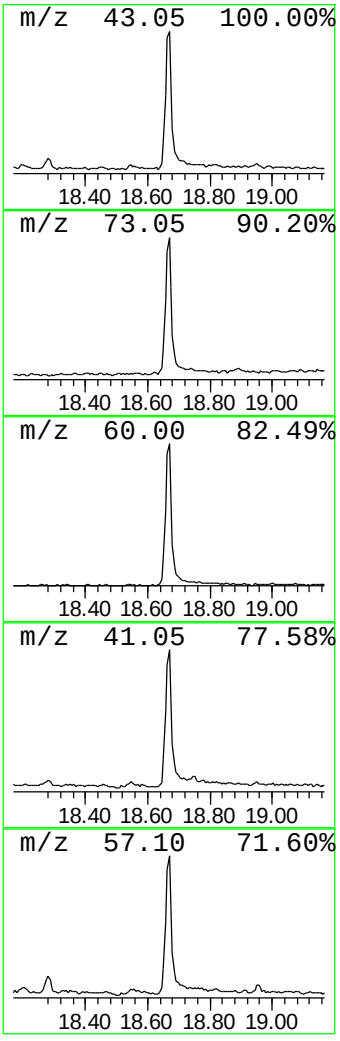
Peak Number 16 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	4.36 ng/ul	880832	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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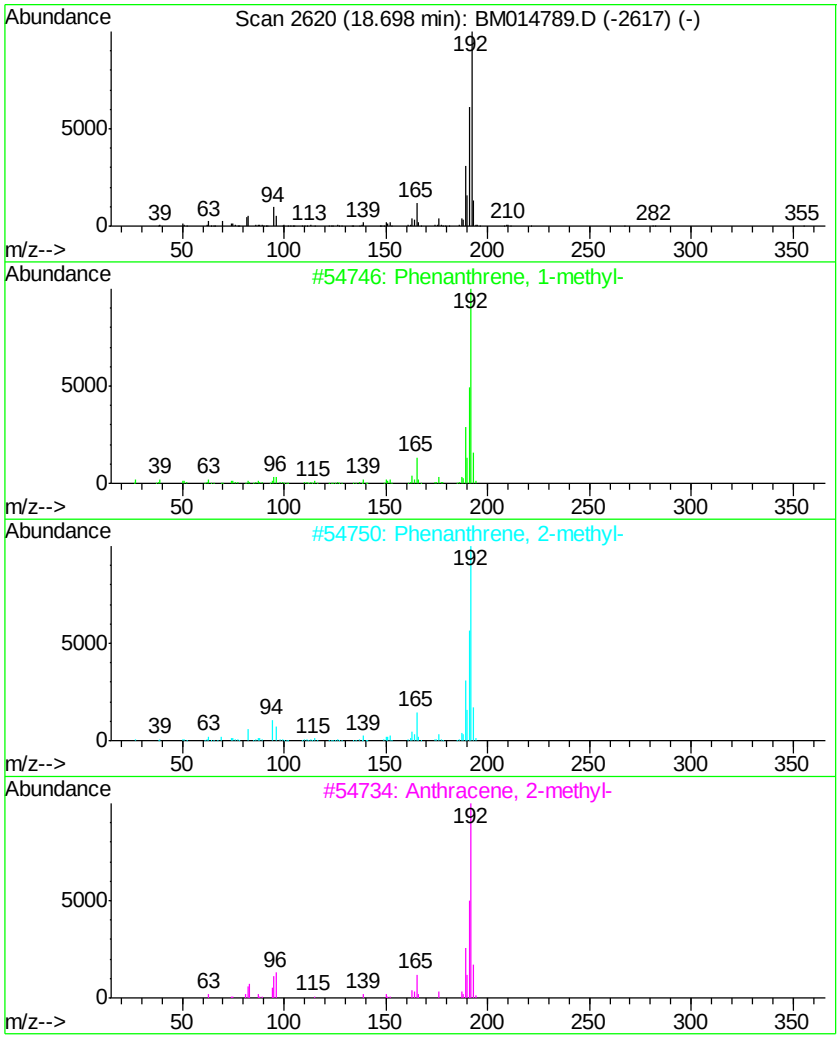
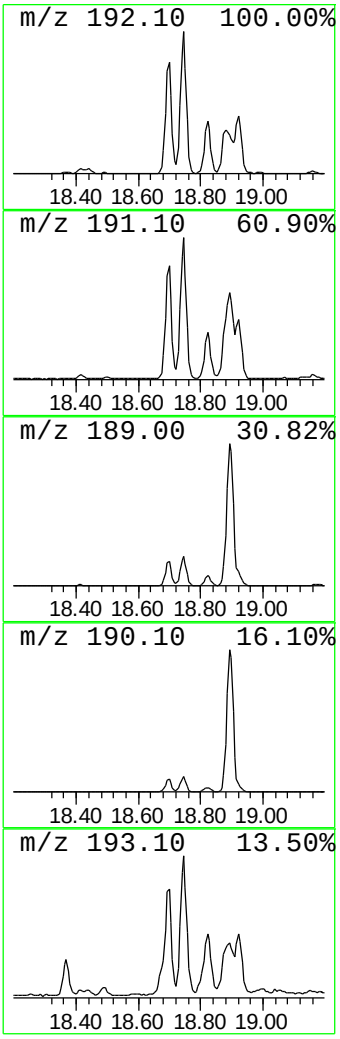
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	5.77 ng/ul	1165030	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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Quant Title : SVOA CALIBRATION

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

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Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	7.08 ng/ul	1430280	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
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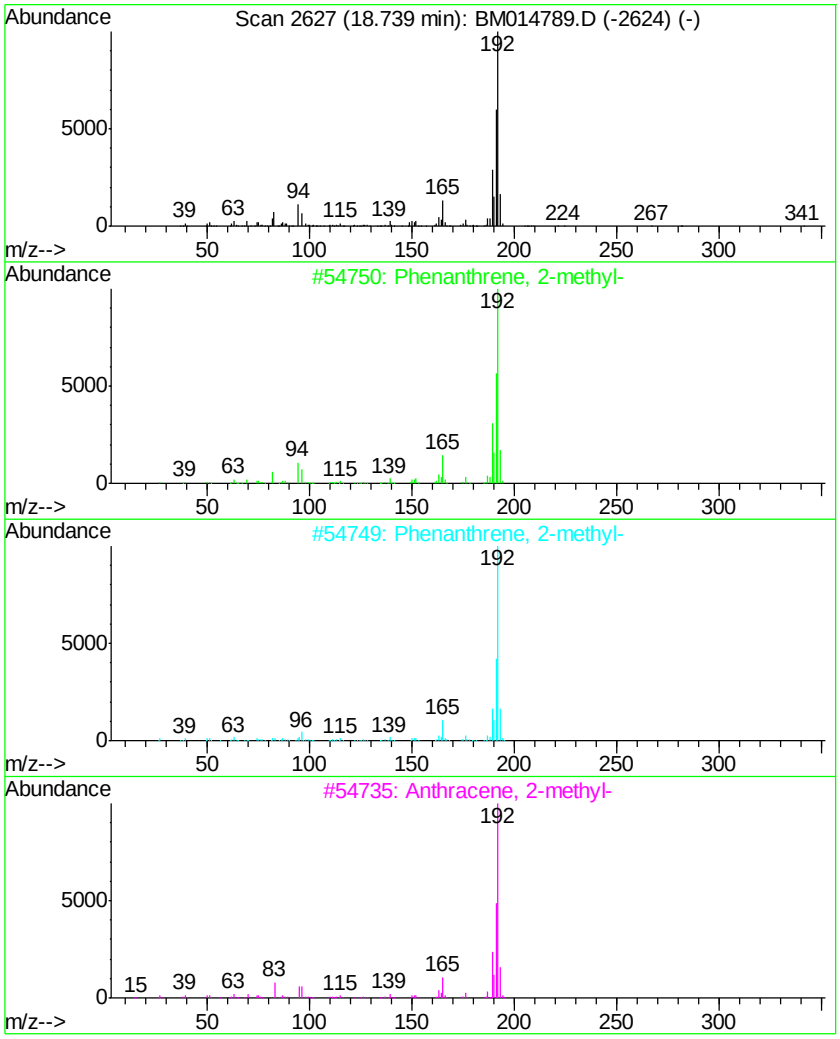
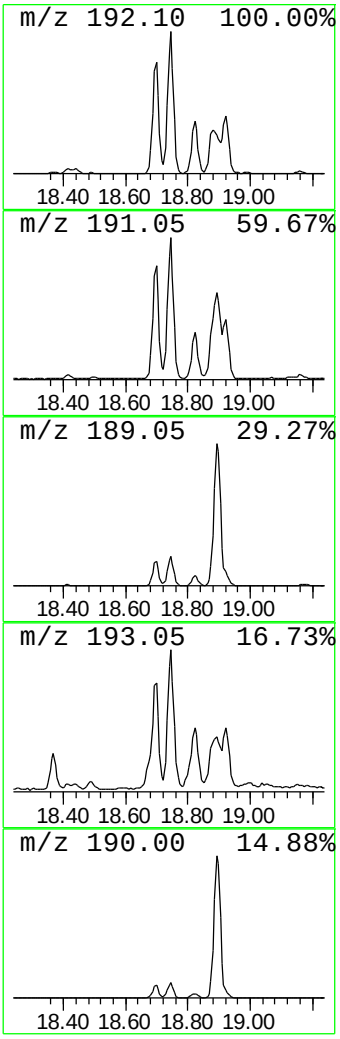
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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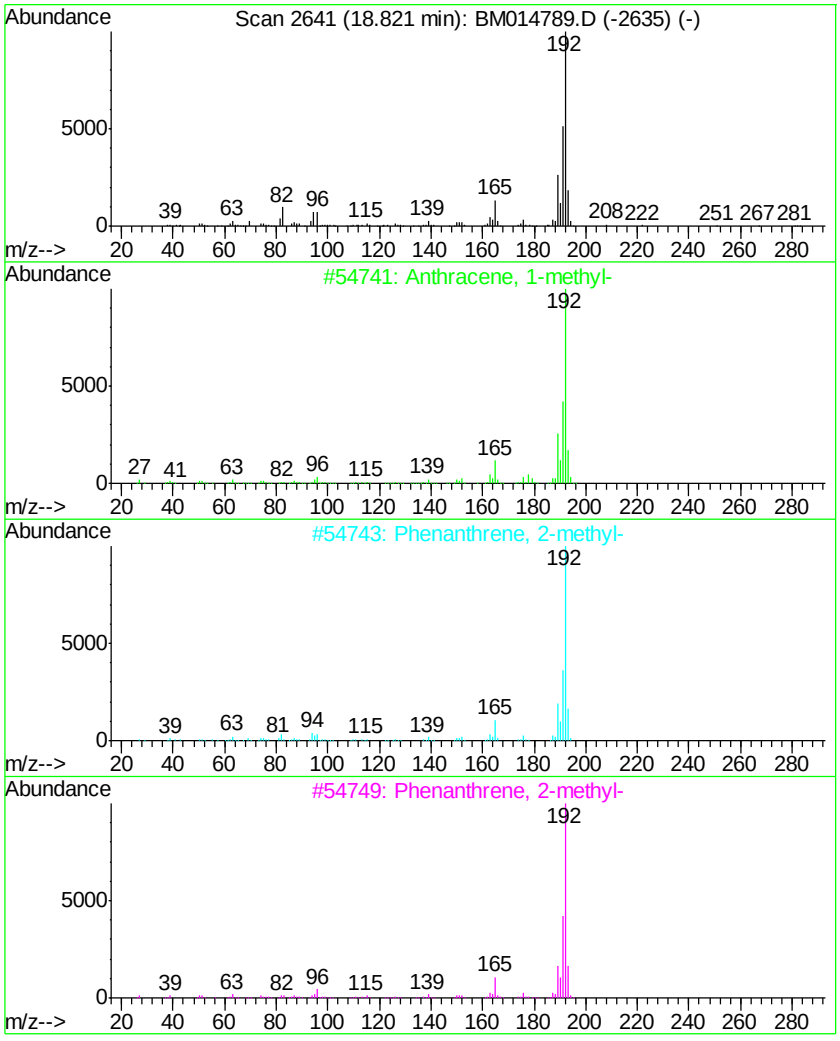
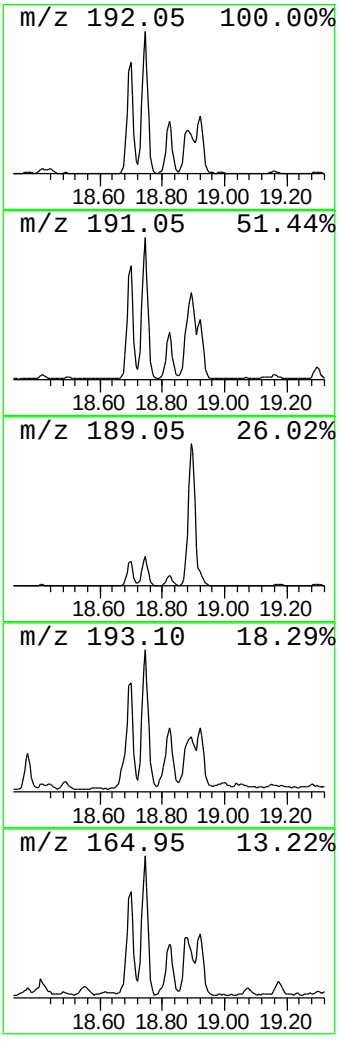
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.82 ng/ul	569198	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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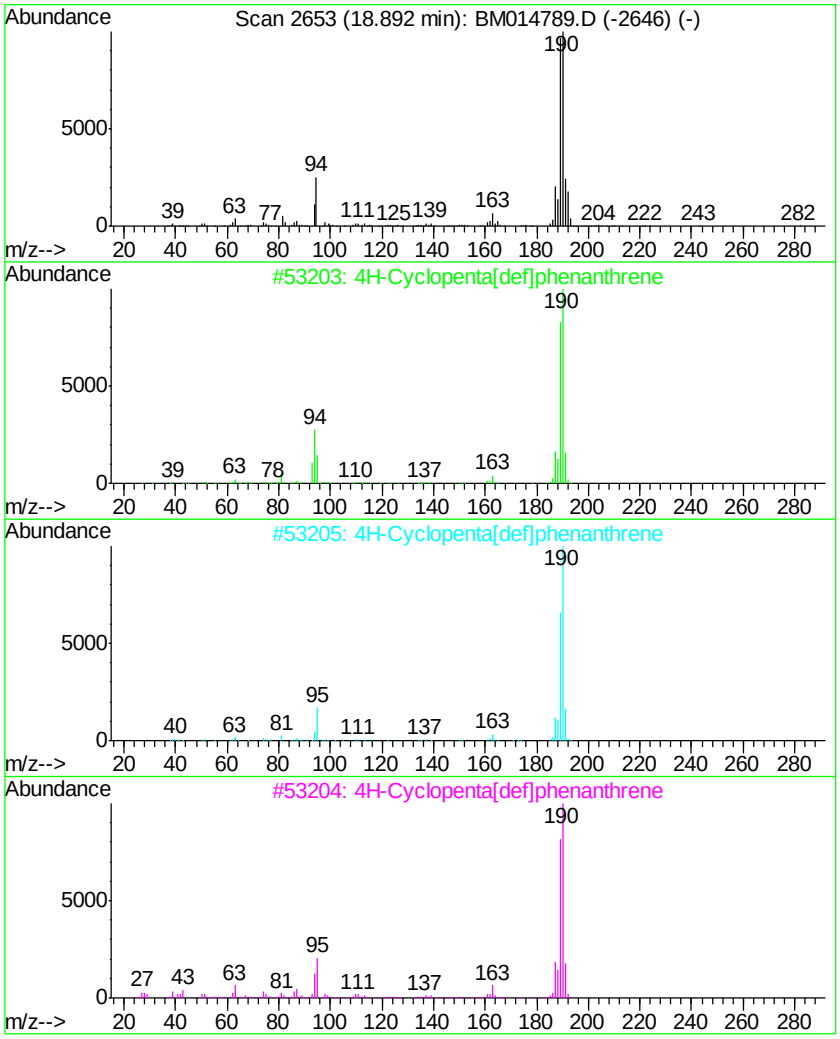
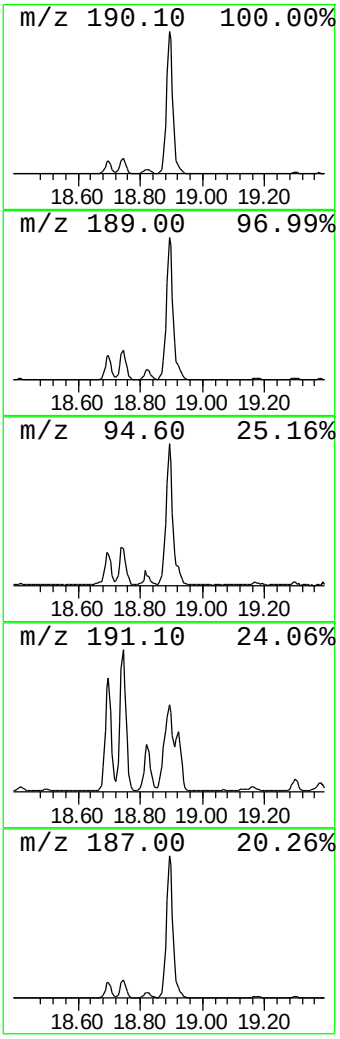
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	15.99 ng/ul	3230220	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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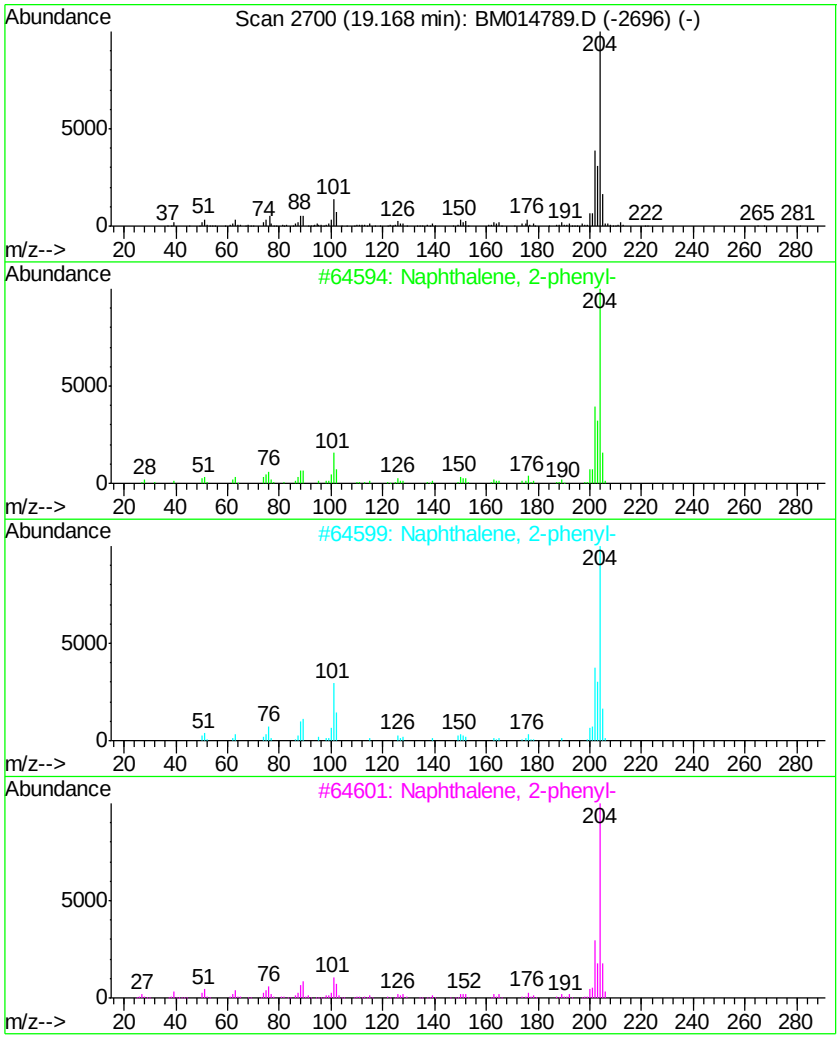
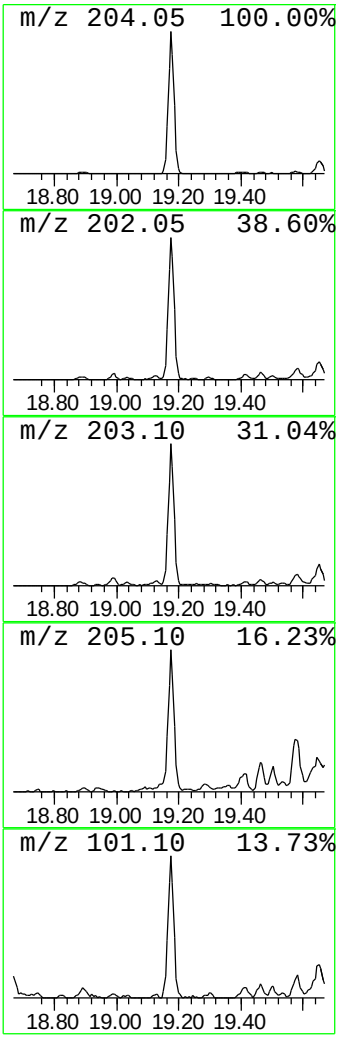
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.35 ng/ul	878791	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	98
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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

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

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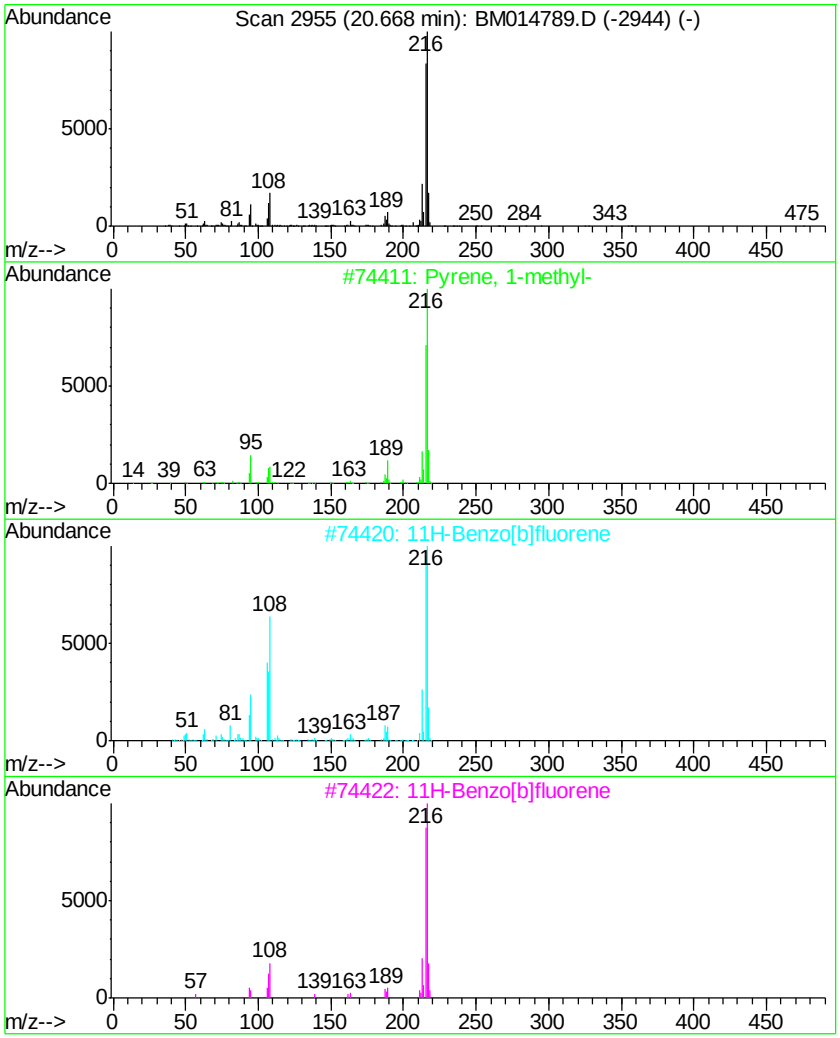
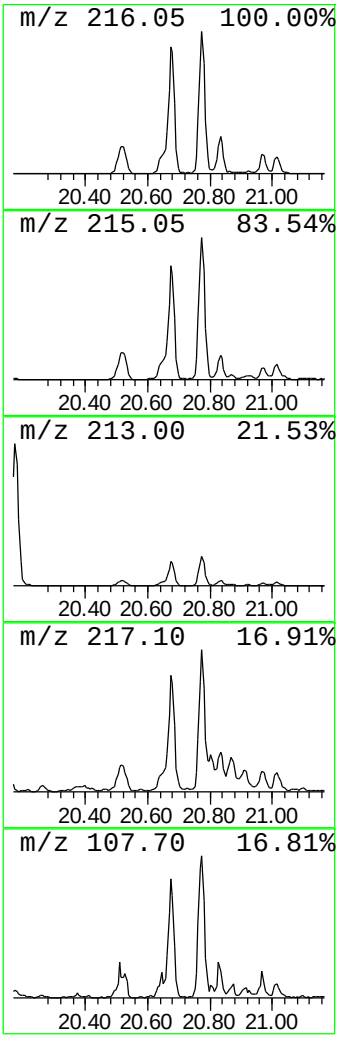
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	4.11 ng/ul	1577370	Chrysene-d12	21.93

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





Library Search Compound Report

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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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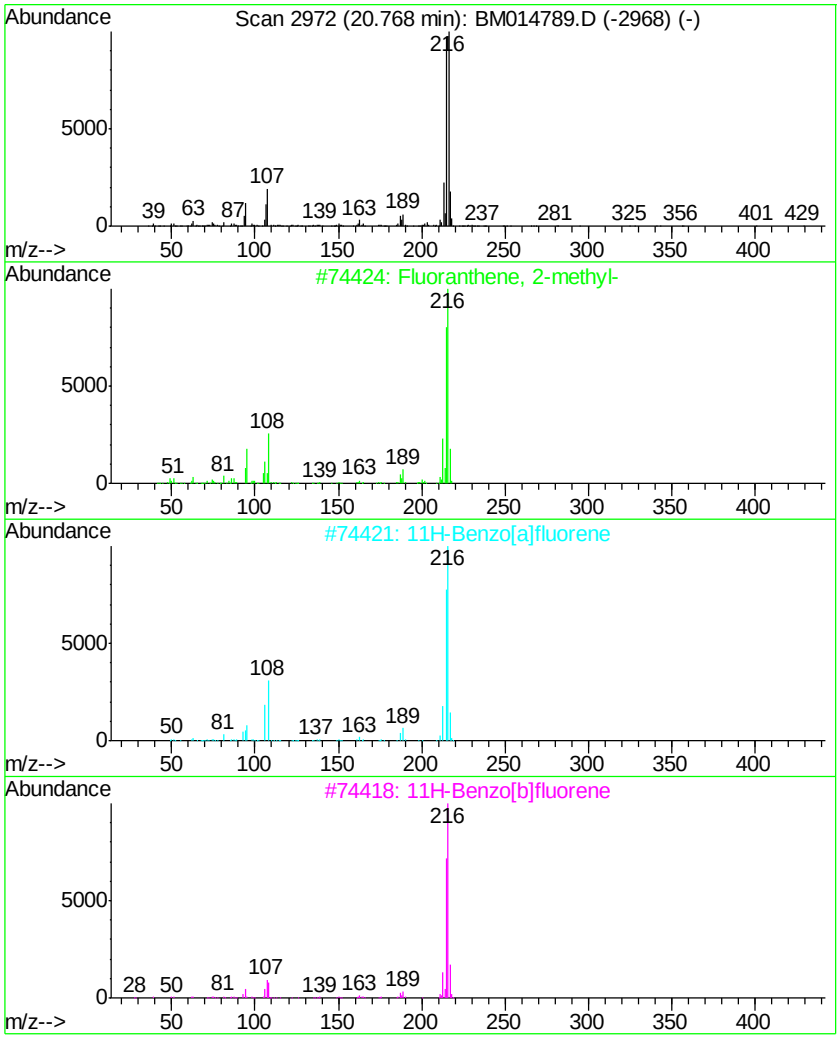
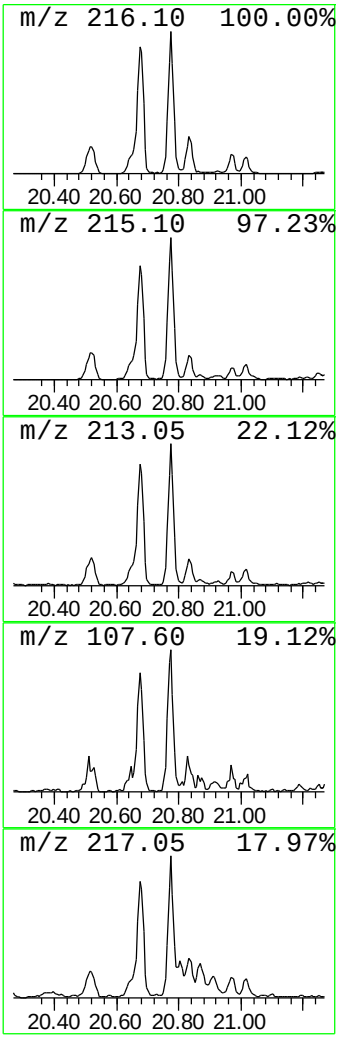
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.85 ng/ul	1478820	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Library Search Compound Report

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Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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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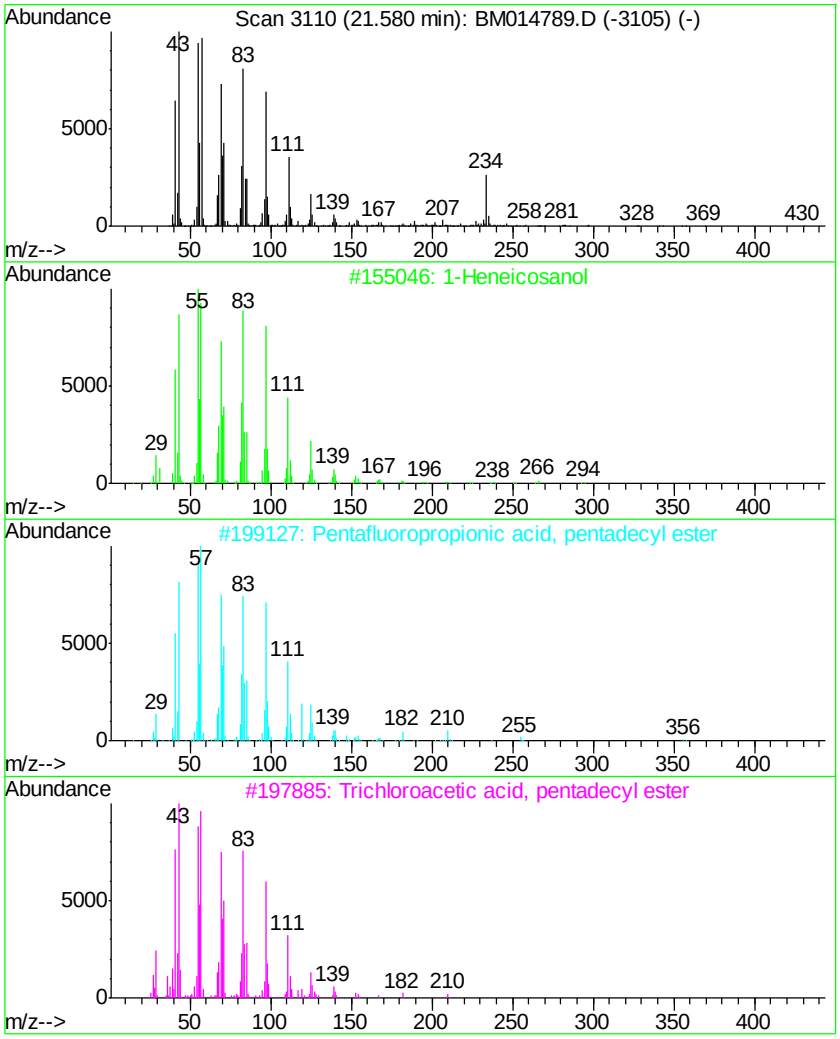
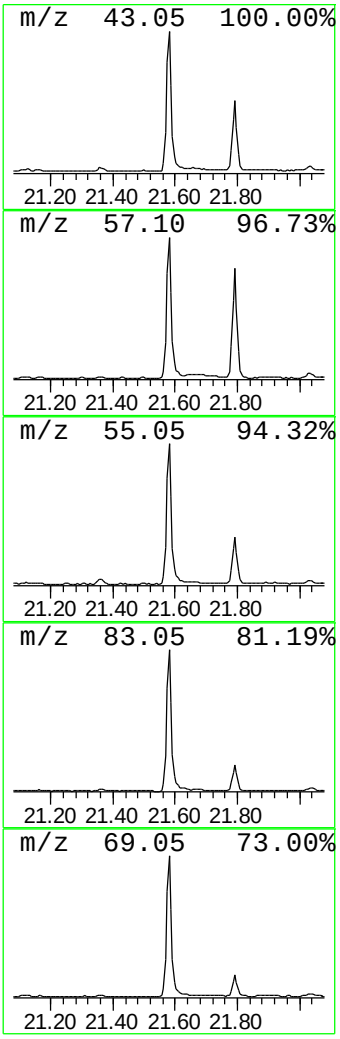
Peak Number 24 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	6.67 ng/ul	2562070	Chrysene-d12	21.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042318\
Data File : BM014789.D
Acq On : 23 Apr 2018 23:04
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP1

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
Butane, 2-methoxy...	3.36	8.6	ng/ul	843243	1	8.53	1961880	20.0
(DEL) Alkane: Str...	8.12	2.8	ng/ul	269455	1	8.53	1961880	20.0
(DEL) Alkane: Str...	9.03	2.1	ng/ul	210780	1	8.53	1961880	20.0
(DEL) Alkane: Str...	9.10	2.7	ng/ul	265834	1	8.53	1961880	20.0
(DEL) Alkane: Str...	9.17	2.3	ng/ul	221080	1	8.53	1961880	20.0
2-Methylindan-2-ol	9.89	2.9	ng/ul	279335	1	8.53	1961880	20.0
Naphthalene, 1-et...	14.17	2.0	ng/ul	346047	3	15.13	3459130	20.0
Naphthalene, 1,7-...	14.30	2.7	ng/ul	459828	3	15.13	3459130	20.0
Naphthalene, 2,3-...	14.45	4.3	ng/ul	737818	3	15.13	3459130	20.0
(DEL) Alkane: Str...	15.92	3.9	ng/ul	671964	3	15.13	3459130	20.0
1,1'-Biphenyl, 2-...	16.32	4.0	ng/ul	698233	3	15.13	3459130	20.0
[1,1'-Biphenyl]-4...	16.45	4.9	ng/ul	839872	3	15.13	3459130	20.0
9H-Fluorene, 2-me...	17.14	4.0	ng/ul	801396	4	17.84	4039460	20.0
Naphtho[2,1-b]thi...	17.66	7.5	ng/ul	1523790	4	17.84	4039460	20.0
n-Hexadecanoic acid	18.67	4.4	ng/ul	880832	4	17.84	4039460	20.0
Phenanthrene, 1-m...	18.70	5.8	ng/ul	1165030	4	17.84	4039460	20.0
Phenanthrene, 2-m...	18.74	7.1	ng/ul	1430280	4	17.84	4039460	20.0
Anthracene, 1-met...	18.82	2.8	ng/ul	569198	4	17.84	4039460	20.0
4H-Cyclopenta[def...	18.89	16.0	ng/ul	3230220	4	17.84	4039460	20.0
Naphthalene, 2-ph...	19.17	4.3	ng/ul	878791	4	17.84	4039460	20.0
Pyrene, 1-methyl-	20.67	4.1	ng/ul	1577370	5	21.93	7677940	20.0
Fluoranthene, 2-m...	20.77	3.9	ng/ul	1478820	5	21.93	7677940	20.0
1-Heneicosanol	21.58	6.7	ng/ul	2562070	5	21.93	7677940	20.0