LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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	6.434	529	535	543	rVB3	94515	156977	1.31%	0.205%
2	6.998	626	631	635	rVB	93176	138224	1.16%	0.181%
3	7.445	703	707	712	rVB	113921	157419	1.32%	0.206%
4	7.504	712	717	722	rVB	95294	139591	1.17%	0.183%
5	7.616	730	736	743	rBV2	194433	328079	2.75%	0.429%
6	8.092	812	817	822	rVB	322447	460319	3.85%	0.602%
7	8.398	858	869	872	rBV4	44217	126867	1.06%	0.166%
8	8.451	873	878	882	rVV	209355	322710	2.70%	0.422%
9	8.504	882	887	893	rVB	1089163	1753457	14.68%	2.295%
10	8.669	912	915	922	rVV4	69825	127825	1.07%	0.167%
11	8.786	930	935	940	rVB	87687	142607	1.19%	0.187%
12	9.010	966	973	978	rBV	108100	203973	1.71%	0.267%
13	9.075	978	984	989	rVB	132674	241973	2.03%	0.317%
14	9.145	991	996	1001	rBV2	166166	267531	2.24%	0.350%
15	9.251	1009	1014	1021	rBV	122970	206446	1.73%	0.270%
16	9.616	1072	1076	1083	rVB	84704	134292	1.12%	0.176%
17	9.722	1083	1094	1100	rVB	307439	543242	4.55%	0.711%
18	9.863	1107	1118	1125	rVB8	72879	207050	1.73%	0.271%
19	9.975	1130	1137	1148	rVB5	45995	141191	1.18%	0.185%
20	10.145	1161	1166	1172	rVB2	90490	142031	1.19%	0.186%
21	10.404	1199	1210	1214	rBV	147141	291666	2.44%	0.382%
22	10.445	1214	1217	1224	rVB2	101673	151549	1.27%	0.198%
23	10.516	1224	1229	1234	rBV	118461	208812	1.75%	0.273%
24	10.598	1237	1243	1247	rVB2	59078	133411	1.12%	0.175%
25	10.786	1269	1275	1279	rVB2	138169	217730	1.82%	0.285%
26	10.904	1292	1295	1300	rVB2	83394	124155	1.04%	0.162%
27	11.022	1309	1315	1322	rVB	131091	213359	1.79%	0.279%
28	11.345	1362	1370	1377	rBV	1528737	2629454	22.01%	3.441%
29	11.463	1383	1390	1397	rVB3	71813	142297	1.19%	0.186%
30	12.969	1640	1646	1655	rVB	197617	311427	2.61%	0.408%
31	13.186	1676	1683	1691	rVB	91453	157640	1.32%	0.206%
32	13.951	1808	1813	1818	rVB	172172	243184	2.04%	0.318%
33	14.145	1841	1846	1856	rVB	145929	250671	2.10%	0.328%
34	14.274	1862	1868	1870	rBV	202323	345244	2.89%	0.452%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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	14.433	1888	1895	1900	rBV	268007	486790	4.07%	0.637%
36	14.486	1900	1904	1910	rVB3	201325	325089	2.72%	0.425%
37	14.663	1929	1934	1938	rBV	129444	203719	1.70%	0.267%
38	14.827	1960	1962	1969	rVB2	86597	130702	1.09%	0.171%
39	15.062	1994	2002	2005	rBV	179918	280112	2.34%	0.367%
40	15.110	2005	2010	2015	rVV2	2021540	3145027	26.32%	4.116%
41	15.168	2015	2020	2027	rVB	1232064	1807911	15.13%	2.366%
42	15.298	2038	2042	2051	rVB	59136	140744	1.18%	0.184%
43	15.410	2051	2061	2064	rBV2	96018	179070	1.50%	0.234%
44	15.498	2069	2076	2082	rVV	991643	1532517	12.83%	2.006%
45	15.562	2082	2087	2096	rVB	100228	152547	1.28%	0.200%
46	15.874	2132	2140	2143	rBV2	57423	125902	1.05%	0.165%
47	16.080	2171	2175	2179	rVB2	90857	119820	1.00%	0.157%
48	16.139	2179	2185	2191	rVB	1883397	2683056	22.46%	3.511%
49	16.298	2208	2212	2217	rVB2	282936	419306	3.51%	0.549%
50	16.386	2223	2227	2230	rBV	135517	201247	1.68%	0.263%
51	16.421	2230	2233	2240	rVB	350340	491492	4.11%	0.643%
52	16.568	2250	2258	2265	rBV	353152	700749	5.86%	0.917%
53	16.768	2285	2292	2306	rVB3	51282	135910	1.14%	0.178%
54	16.921	2313	2318	2323	rVB	125932	185276	1.55%	0.242%
55	17.127	2341	2353	2357	rBV2	232944	469989	3.93%	0.615%
56	17.274	2372	2378	2382	rVB4	87277	157851	1.32%	0.207%
57	17.345	2382	2390	2393	rBV2	85422	174666	1.46%	0.229%
58	17.539	2418	2423	2429	rBV3	87427	179569	1.50%	0.235%
59	17.639	2435	2440	2451	rVB	560323	884275	7.40%	1.157%
60	17.821	2465	2471	2474	rBV	2541759	3647020	30.52%	4.773%
61	17.862	2474	2478	2484	rVV	8514198	11948400	100.00%	15.636%
62	17.951	2489	2493	2499	rVB	1020740	1398778	11.71%	1.831%
63	18.327	2552	2557	2562	rBV	96797	146403	1.23%	0.192%
64	18.680	2608	2617	2620	rBV	486085	691525	5.79%	0.905%
65	18.727	2620	2625	2631	rVB	640821	892434	7.47%	1.168%
66	18.803	2632	2638	2643	rBV	190095	291505	2.44%	0.381%
67	18.874	2643	2650	2662	rVB2	1013633	1943024	16.26%	2.543%
68	19.156	2693	2698	2706	rBV	393725	540954	4.53%	0.708%
69	19.562	2762	2767	2771	rBV	114178	190238	1.59%	0.249%
70	19.633	2776	2779	2786	rVB3	81238	163112	1.37%	0.213%
71	19.827	2806	2812	2818	rBV	5008407	6764251	56.61%	8.852%

LSC Area Percent Report

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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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	20.068	2849	2853	2861	rVB	134079	228656	1.91%	0.299%
73	20.150	2861	2867	2869	rBV2	792505	1276755	10.69%	1.671%
74	20.186	2869	2873	2880	rVV	3389823	4651193	38.93%	6.087%
75	20.244	2880	2883	2891	rVB2	148740	234929	1.97%	0.307%
76	20.350	2897	2901	2907	rVB	189412	241018	2.02%	0.315%
77	20.486	2920	2924	2926	rBV	155879	235572	1.97%	0.308%
78	20.662	2943	2954	2958	rBV	508022	865441	7.24%	1.133%
79	20.756	2965	2970	2974	rBV2	590366	805480	6.74%	1.054%
80	20.815	2978	2980	2983	rVB	145118	164305	1.38%	0.215%
81	21.344	3067	3070	3074	rBV3	136305	178593	1.49%	0.234%
82	21.556	3103	3106	3108	rBV	136045	161351	1.35%	0.211%
83	21.591	3109	3112	3115	rVB	162517	188549	1.58%	0.247%
84	21.633	3116	3119	3123	rVV2	166568	213252	1.78%	0.279%
85	21.774	3139	3143	3150	rBV	601453	827926	6.93%	1.083%
86	21.909	3159	3166	3170	rBV2	3250752	5884350	49.25%	7.701%
87	21.944	3170	3172	3181	rVB	680942	922981	7.72%	1.208%
88	22.074	3192	3194	3199	rVB2	189864	226489	1.90%	0.296%
89	24.391	3582	3588	3595	rBV	1966586	3814451	31.92%	4.992%

Sum of corrected areas: 76414674

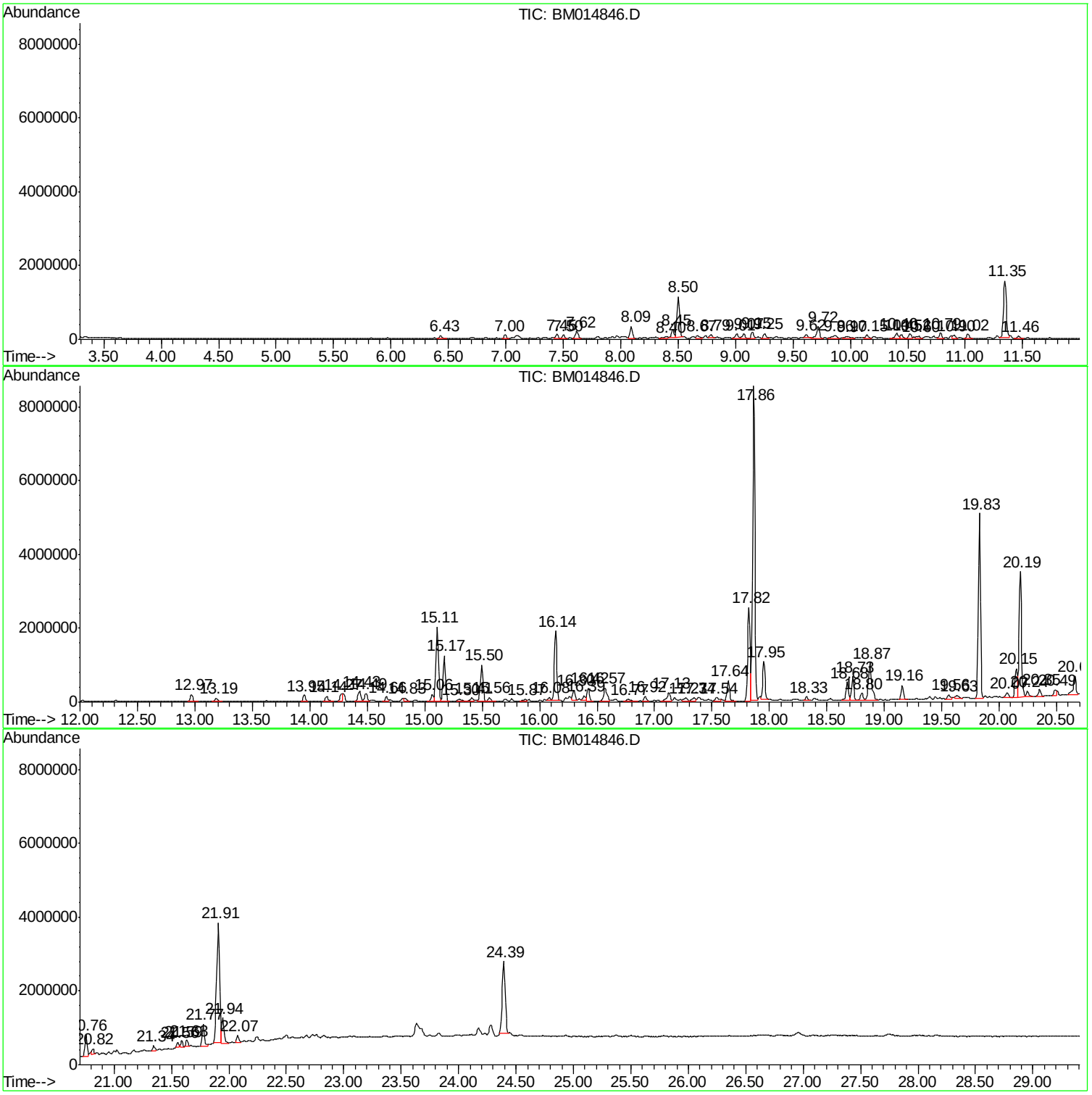
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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

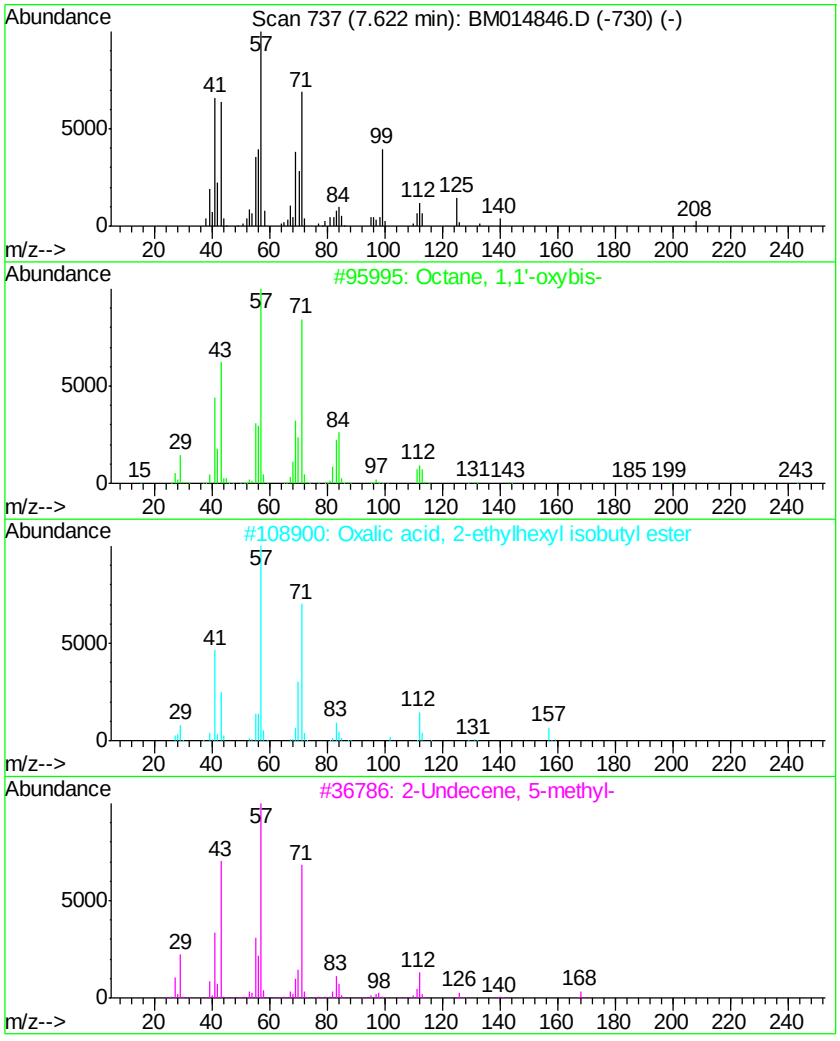
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

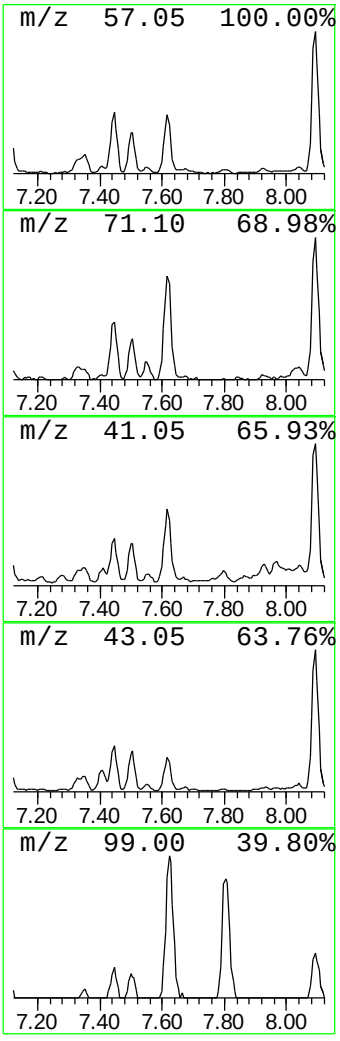
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.74 ng/ul	328079	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
2	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	43
3	2-Undecene, 5-methyl-	168	C12H24	056851-34-4	43
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

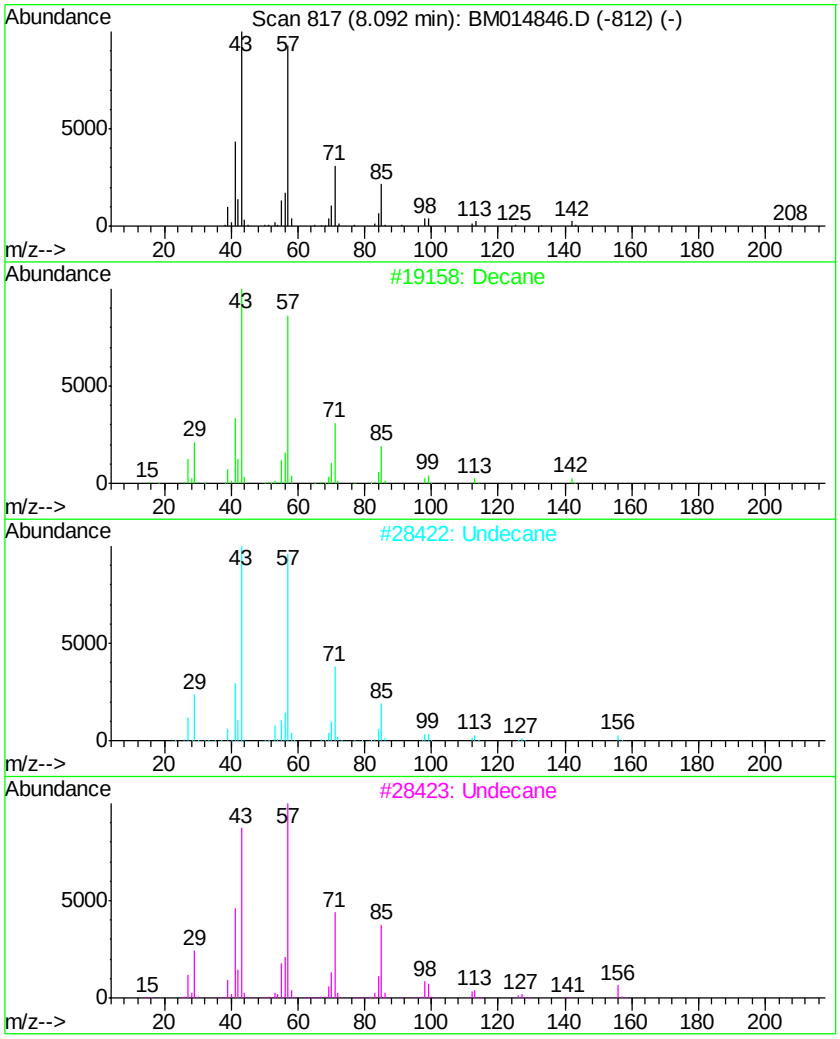
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

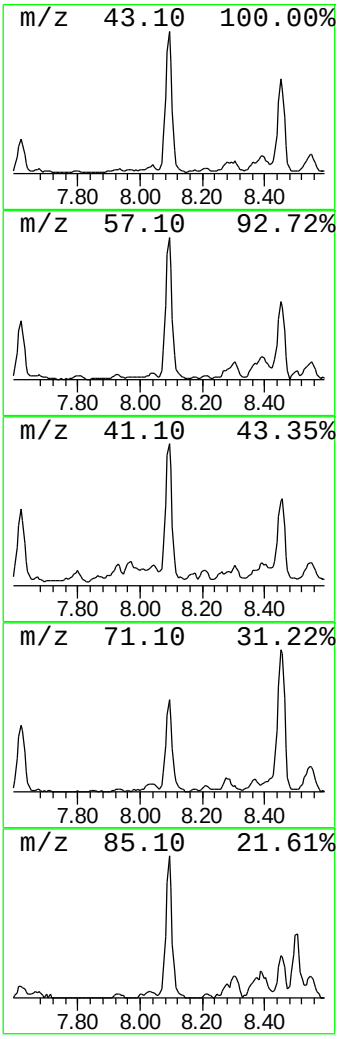
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.25 ng/ul	460319	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Undecane	156	C11H24	001120-21-4	90
3	Undecane	156	C11H24	001120-21-4	83
4	Hexadecane	226	C16H34	000544-76-3	78
5	Decane	142	C10H22	000124-18-5	78





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

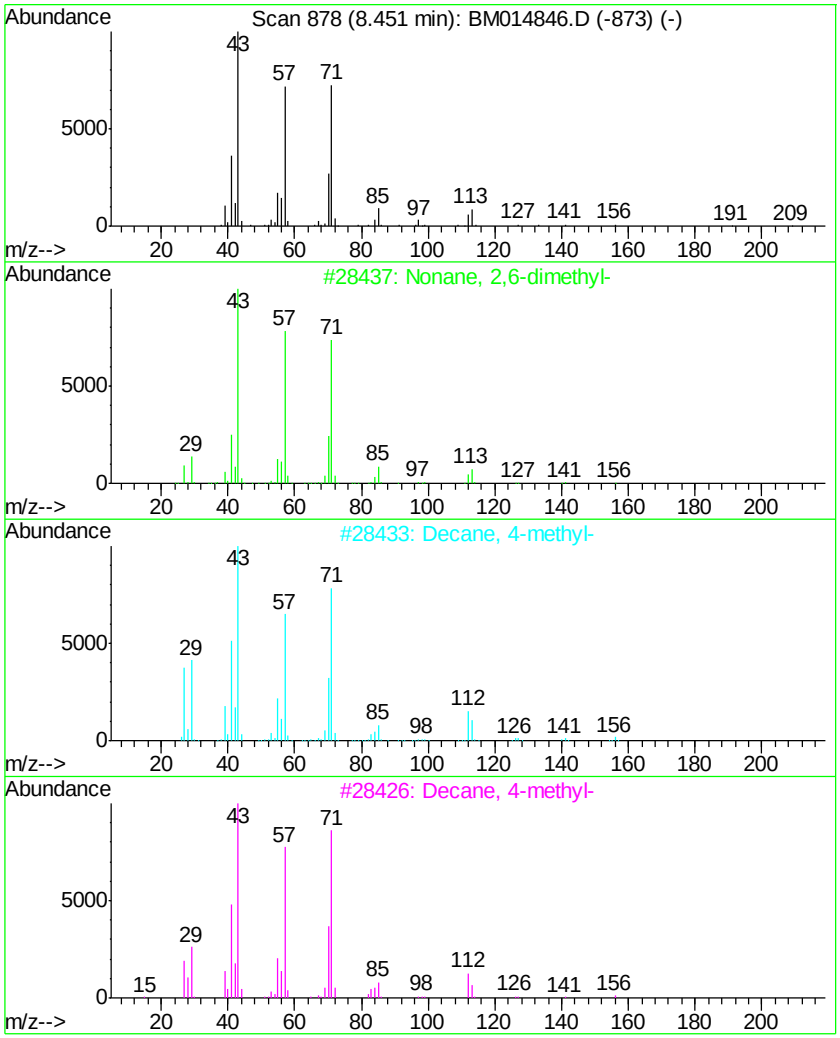
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

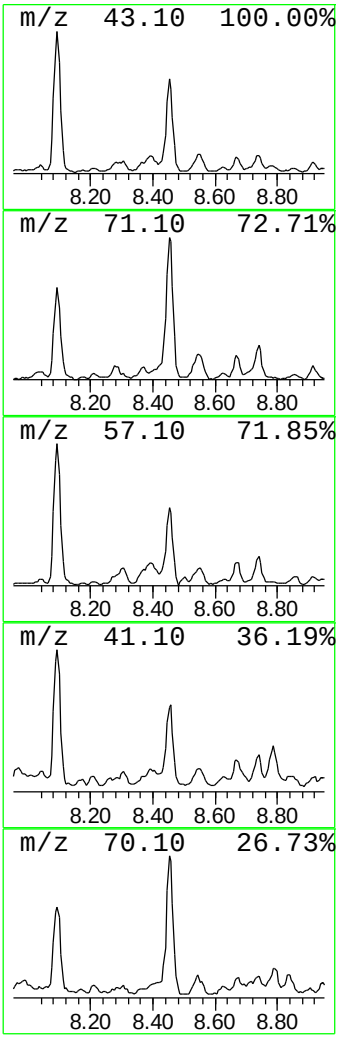
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.68 ng/ul	322710	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2	Decane, 4-methyl-	156	C11H24	002847-72-5	72
3	Decane, 4-methyl-	156	C11H24	002847-72-5	72
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

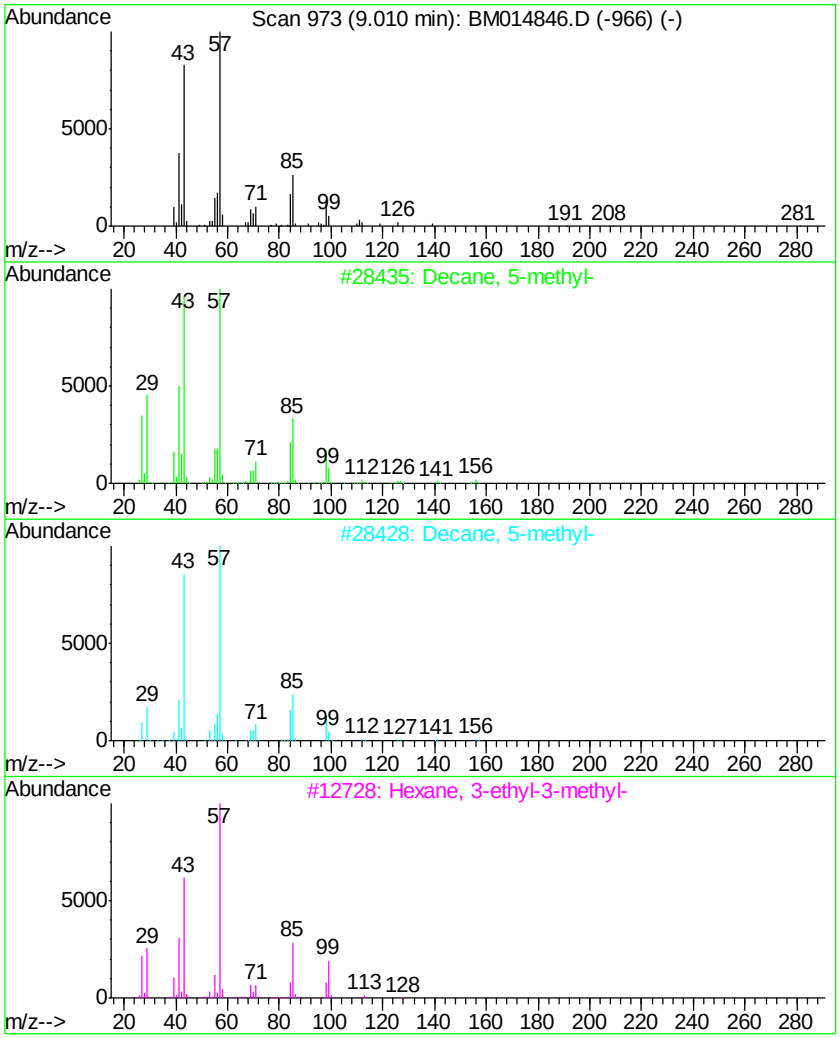
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

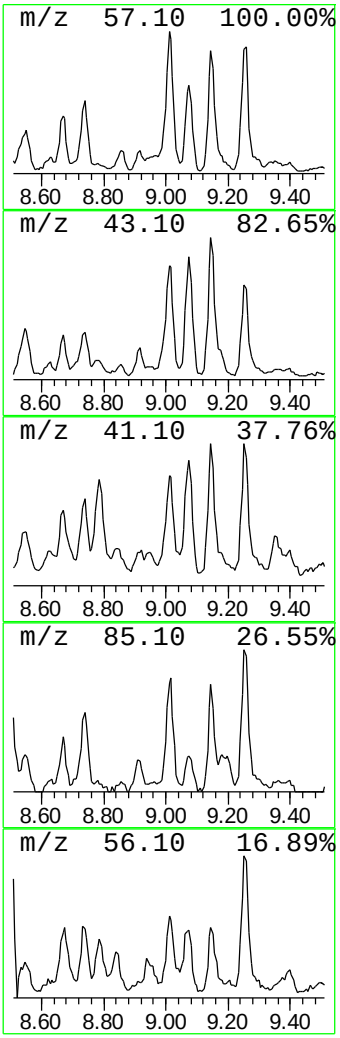
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	2.33 ng/ul	203973	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	90
2	Decane, 5-methyl-	156	C11H24	013151-35-4	86
3	Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	59
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

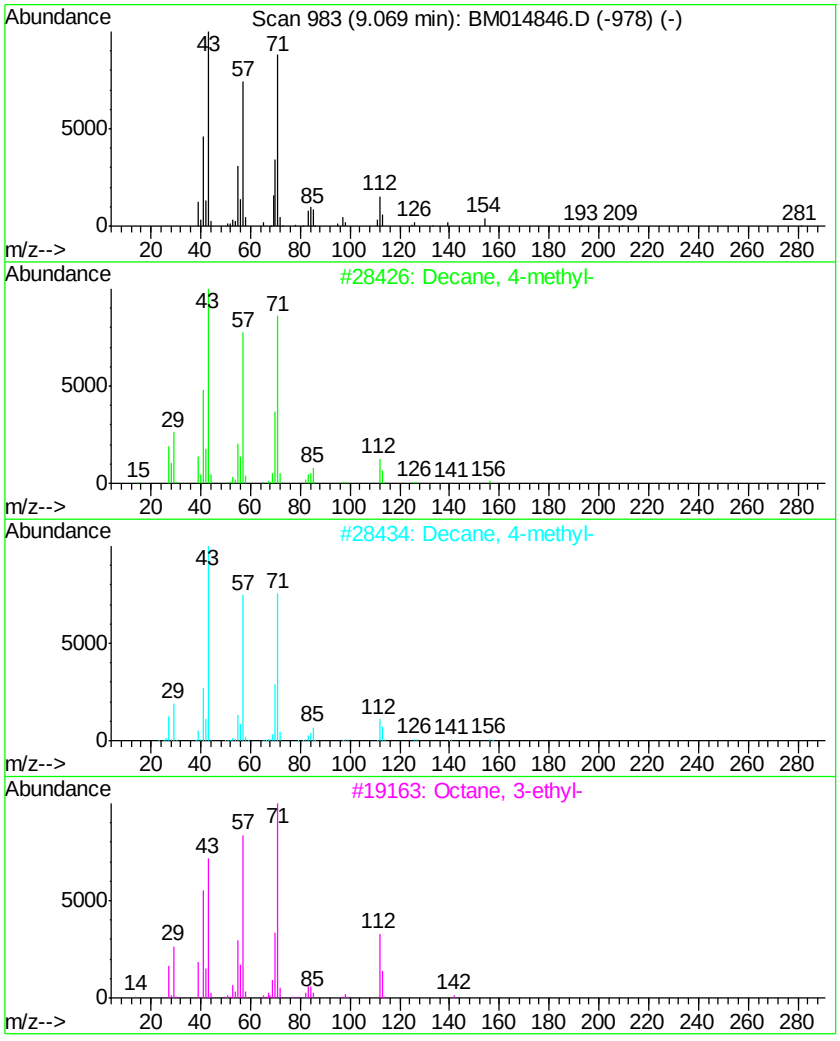
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

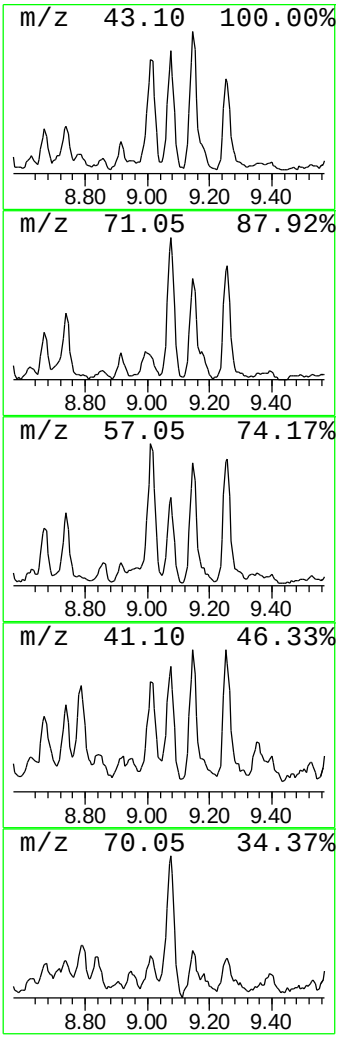
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.76 ng/ul	241973	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	90
2	Decane, 4-methyl-	156	C11H24	002847-72-5	86
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	83
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

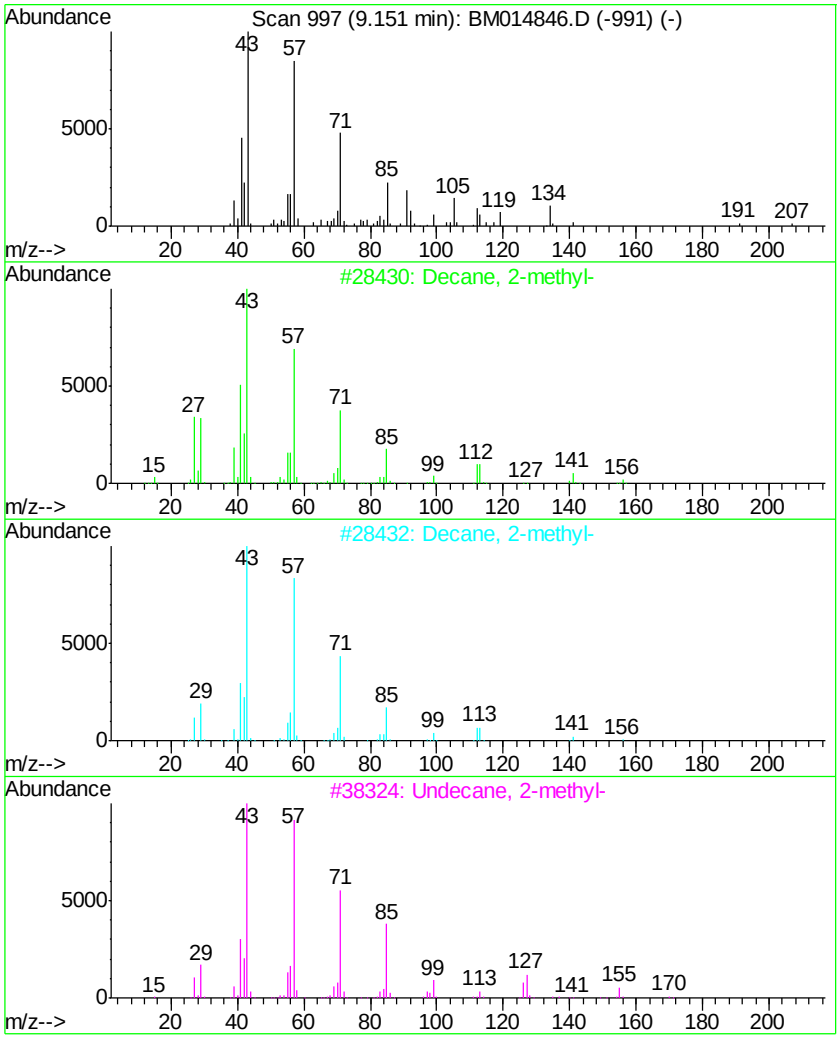
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

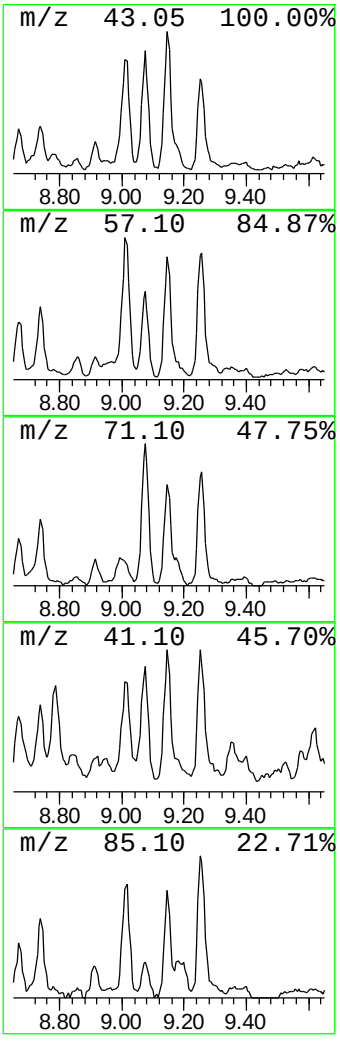
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.05 ng/ul	267531	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	53
2	Decane, 2-methyl-	156	C11H24	006975-98-0	52
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
4	Decane, 2-methyl-	156	C11H24	006975-98-0	50
5	Tetradecane	198	C14H30	000629-59-4	47





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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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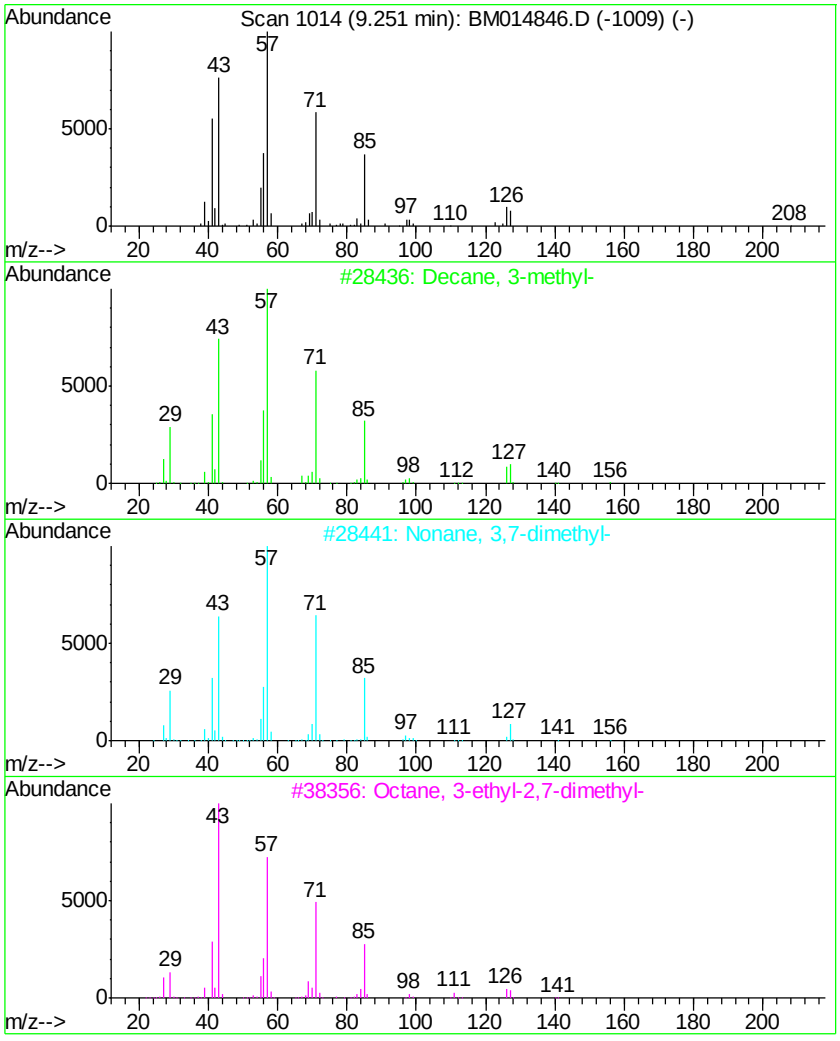
Quant Title : SVOA CALIBRATION

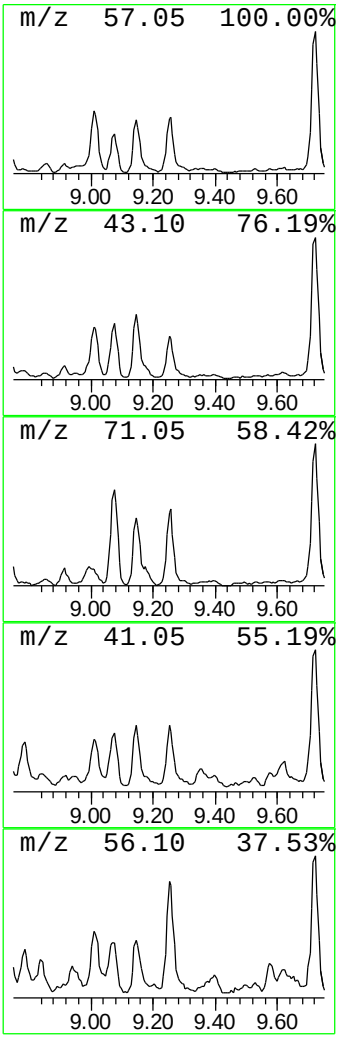
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.35 ng/ul	206446	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	83
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59





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Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

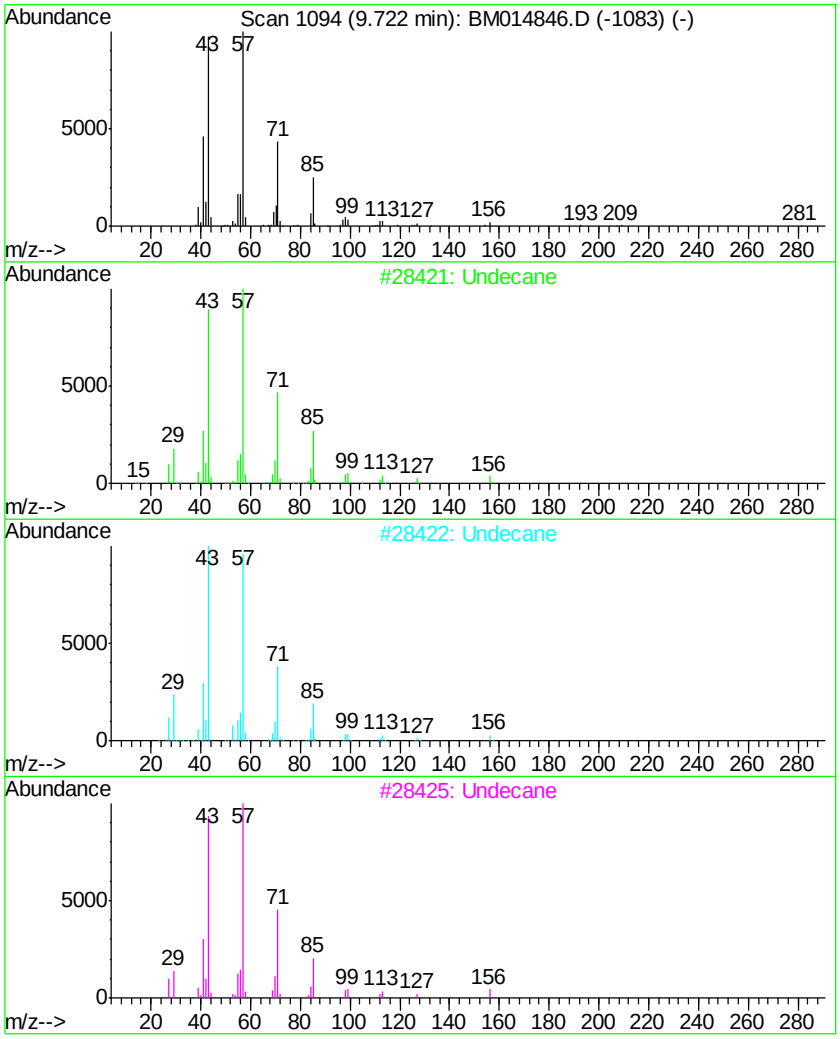
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

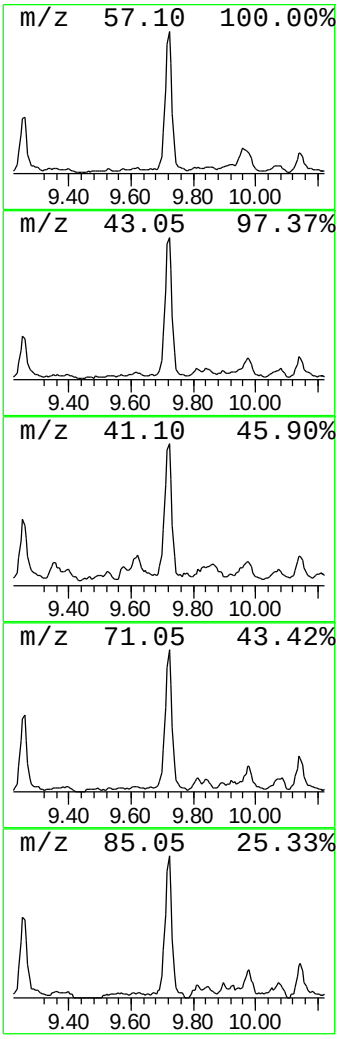
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	6.20 ng/ul	543242	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane	170	C12H26	000112-40-3	90





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Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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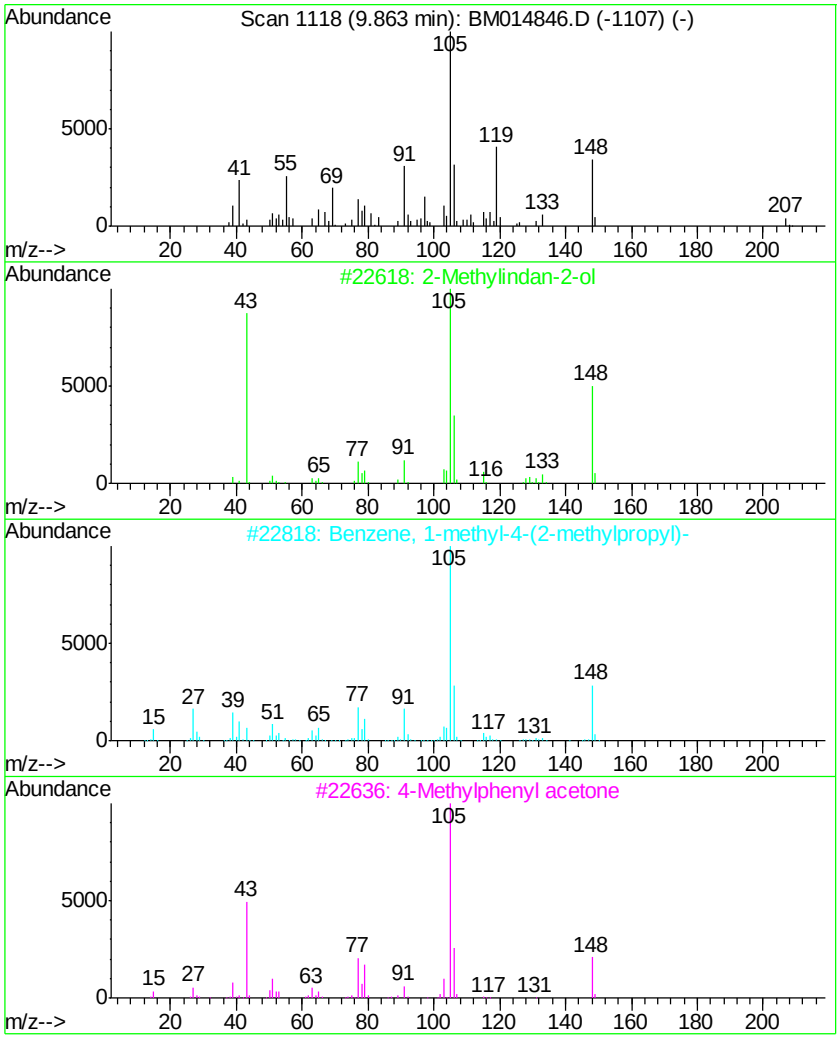
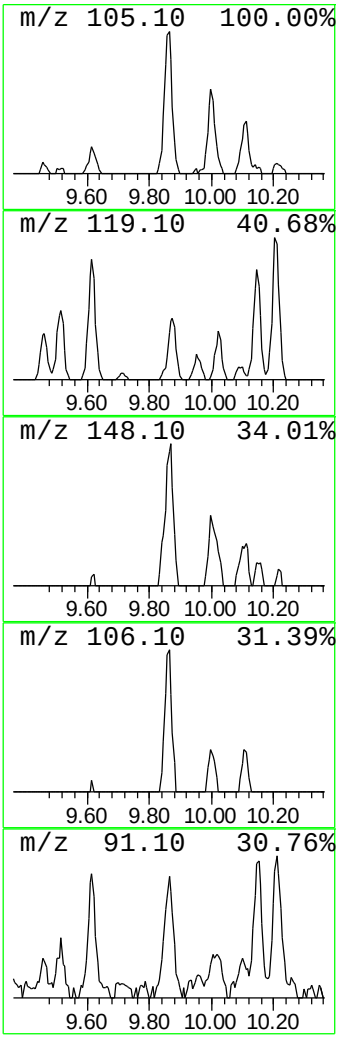
Peak Number 9 2-Methylindan-2-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.36 ng/ul	207050	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	46
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	45
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38





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Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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Quant Title : SVOA CALIBRATION

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

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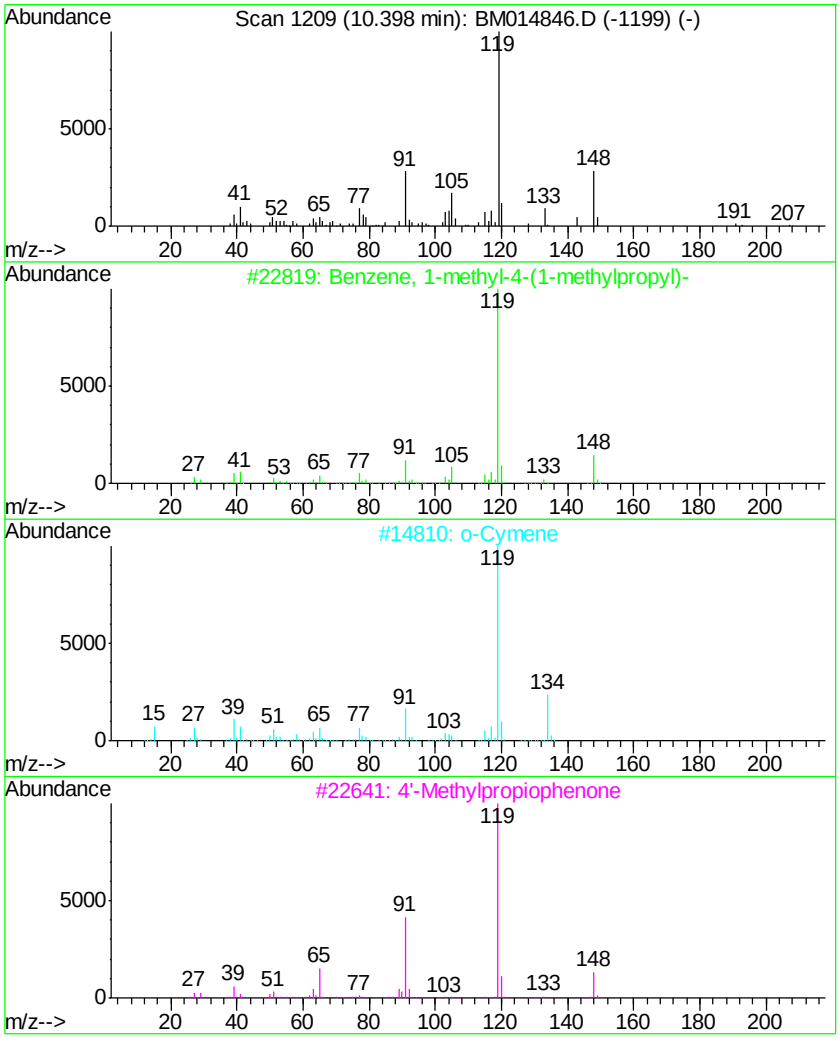
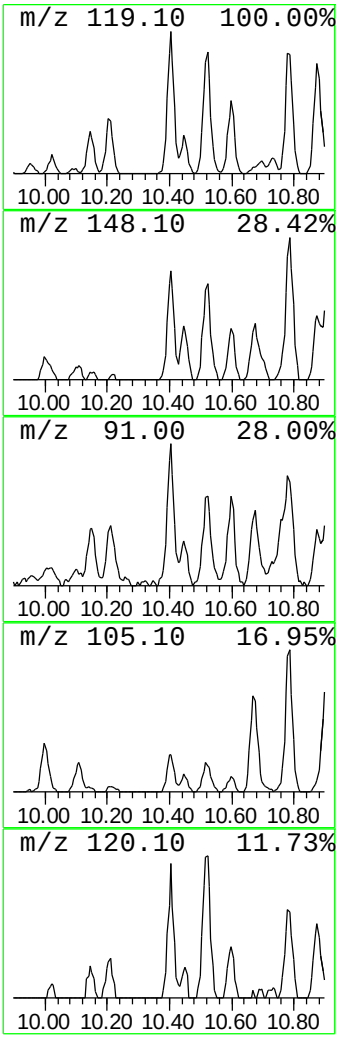
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.22 ng/ul	291666	Naphthalene-d8	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	93
2	o-Cymene	134	C10H14	000527-84-4	91
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	76
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	64





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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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

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

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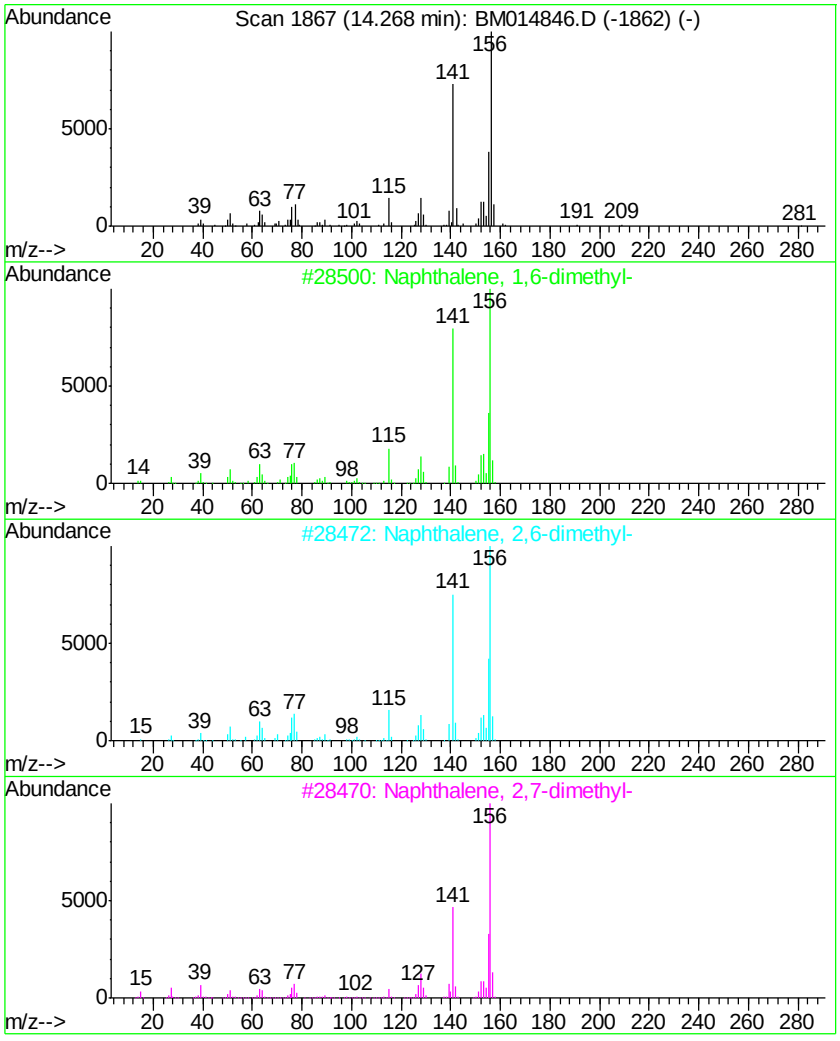
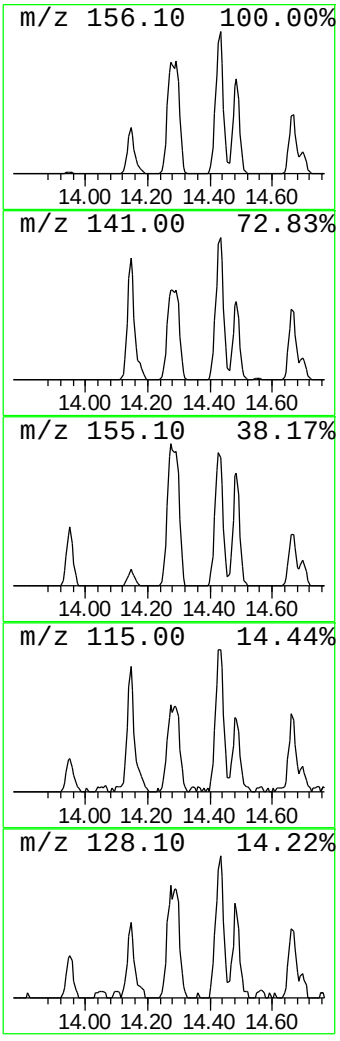
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	2.20 ng/ul	345244	Acenaphthene-d10	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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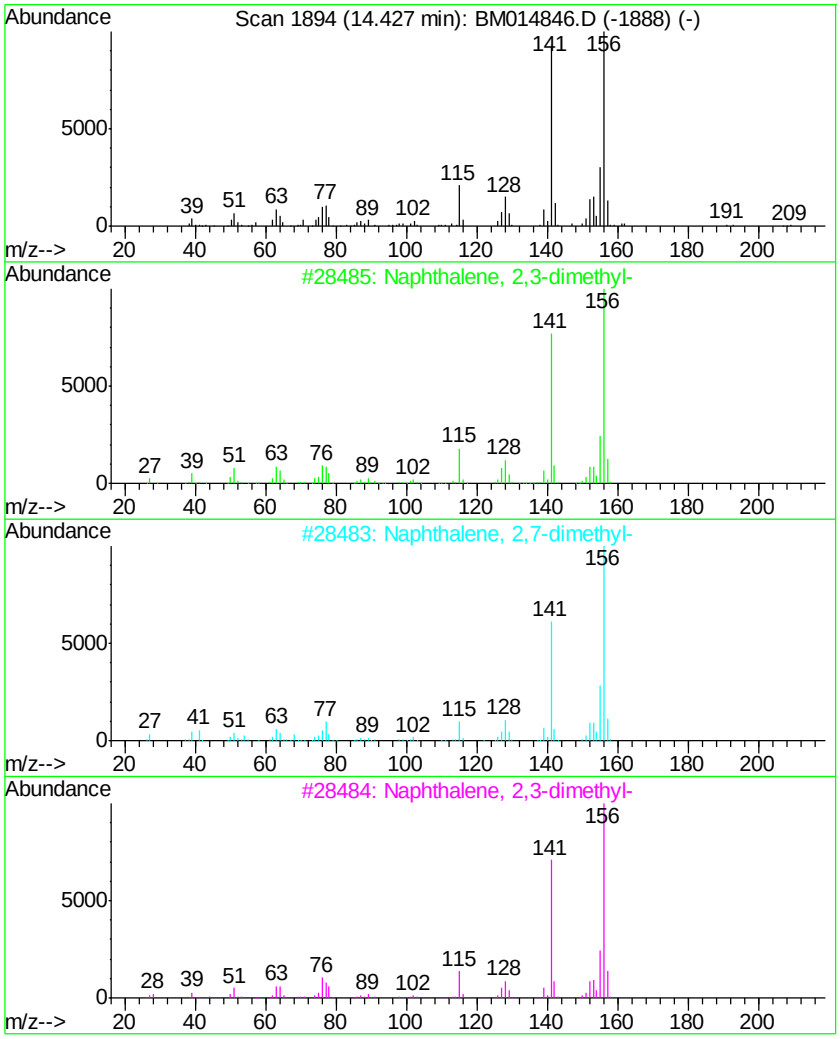
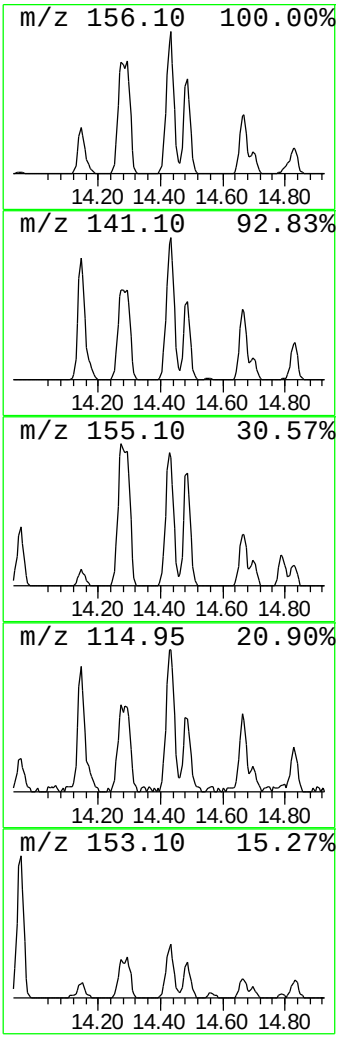
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.10 ng/ul	486790	Acenaphthene-d10	15.11

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





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Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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Quant Title : SVOA CALIBRATION

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

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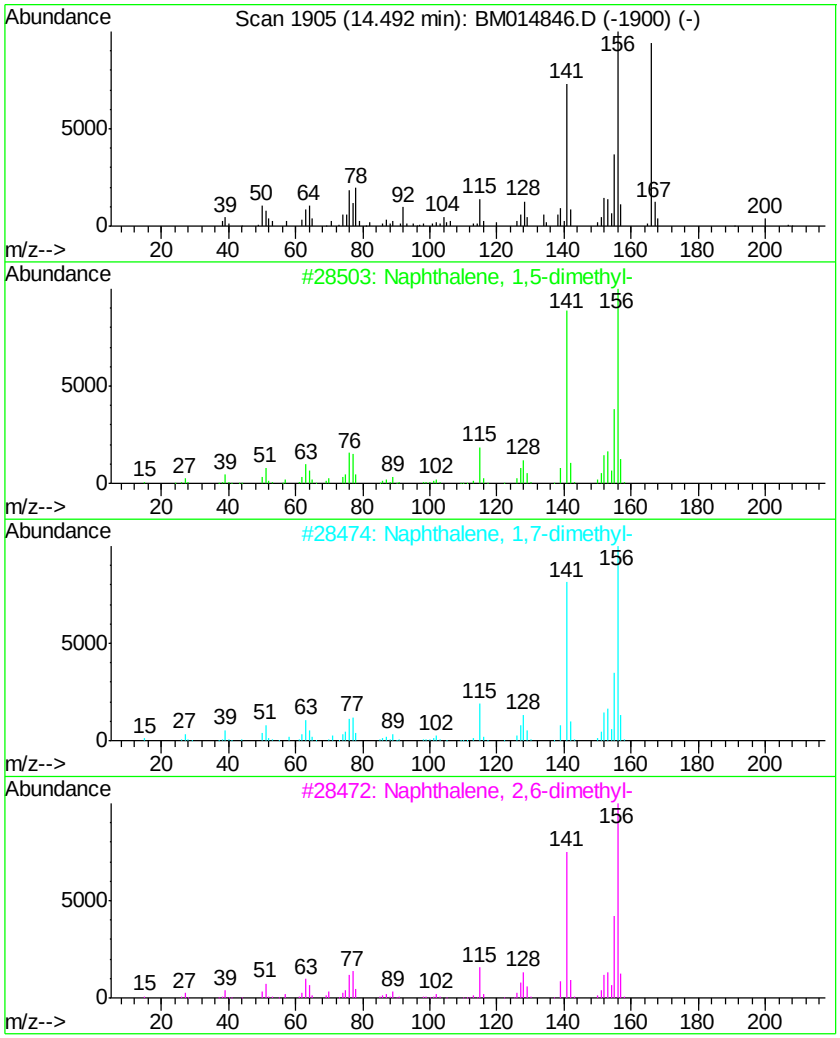
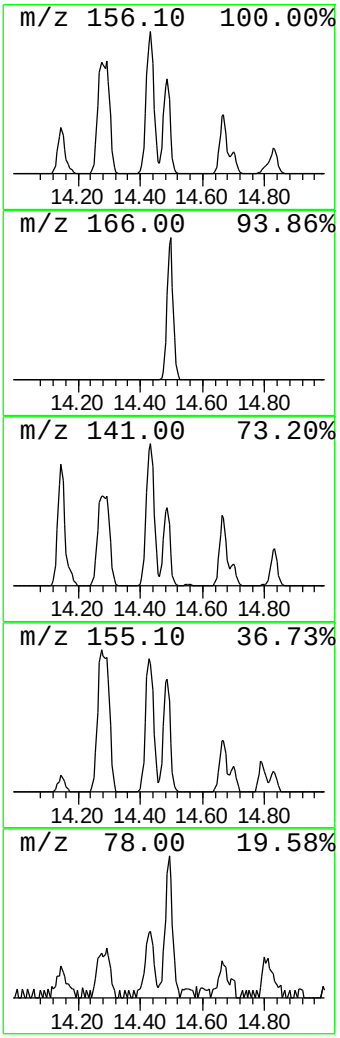
Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.07 ng/ul	325089	Acenaphthene-d10	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : DASP7DL2

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Quant Title : SVOA CALIBRATION

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

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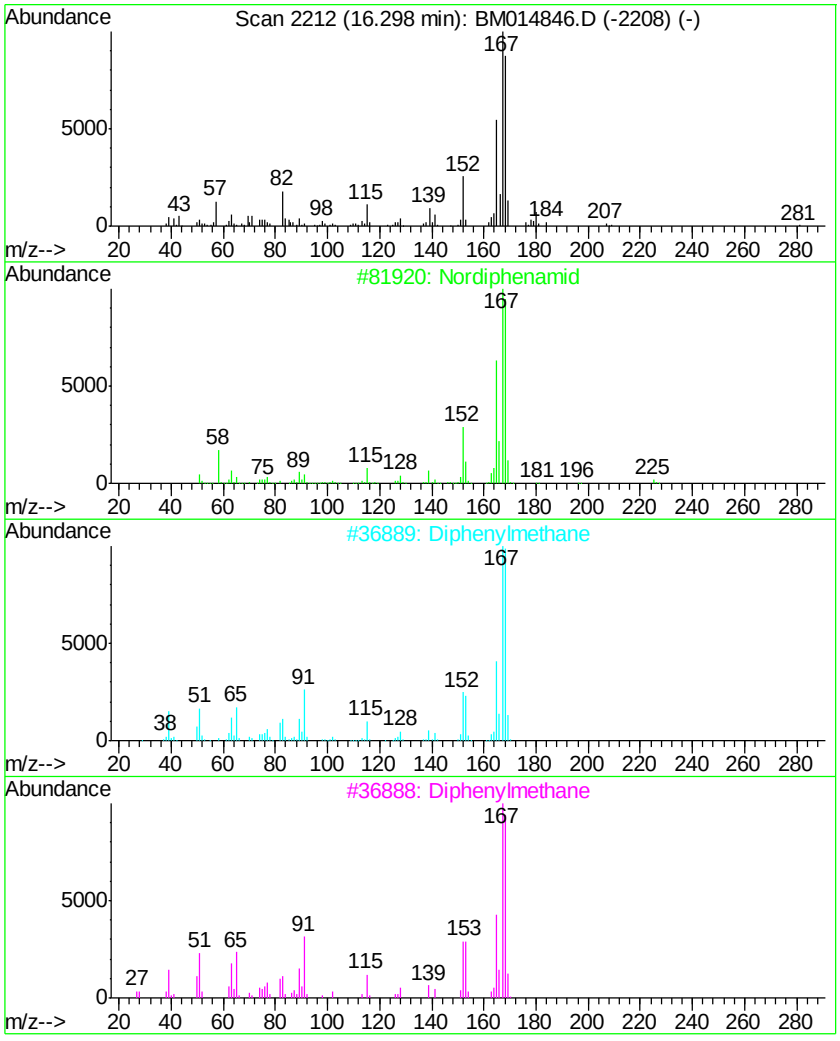
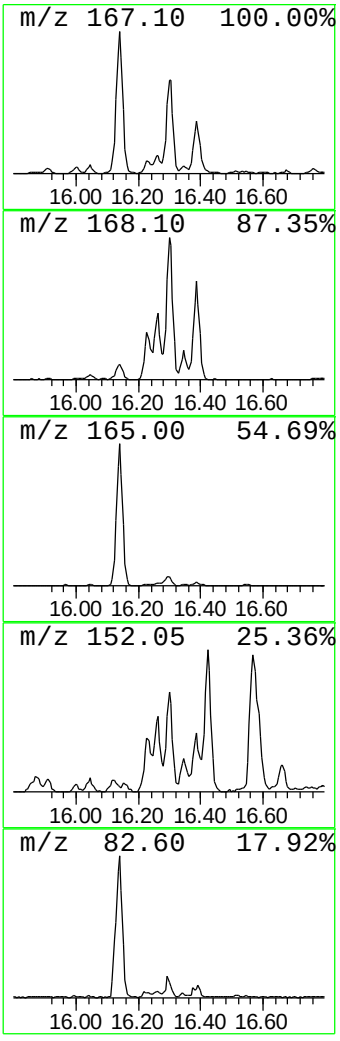
Peak Number 14 Nordiphenamid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.67 ng/ul	419306	Acenaphthene-d10	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	91
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74





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Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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Quant Title : SVOA CALIBRATION

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

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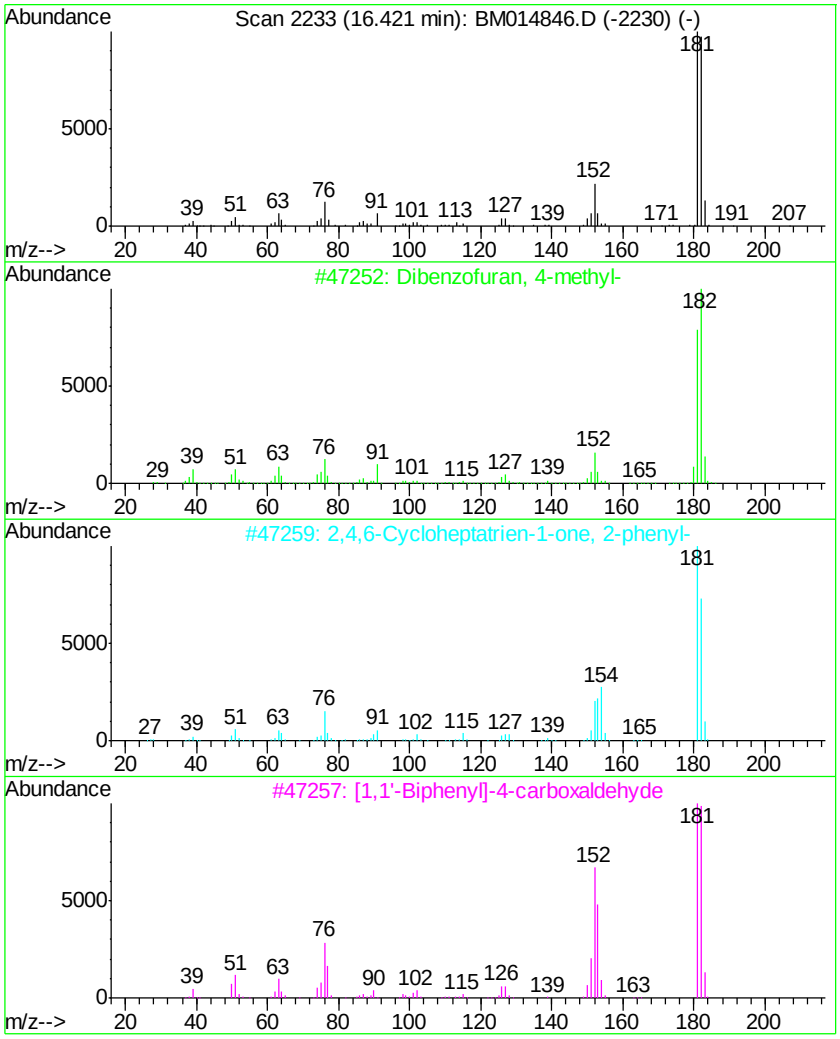
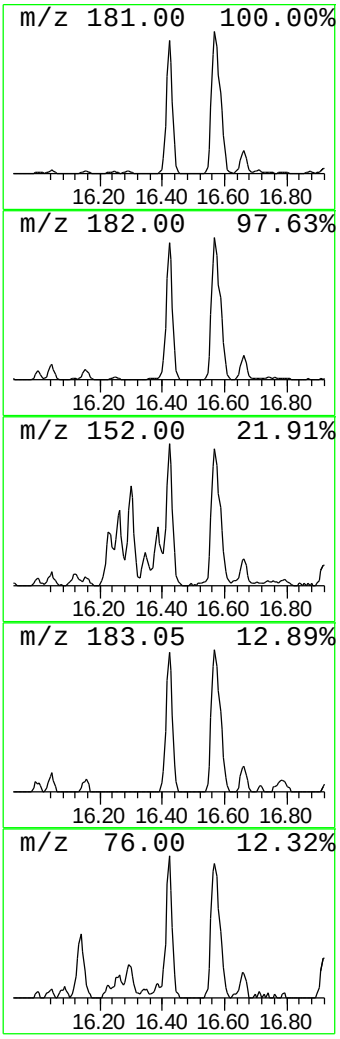
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	3.13 ng/ul	491492	Acenaphthene-d10	15.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Misc :
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Quant Title : SVOA CALIBRATION

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

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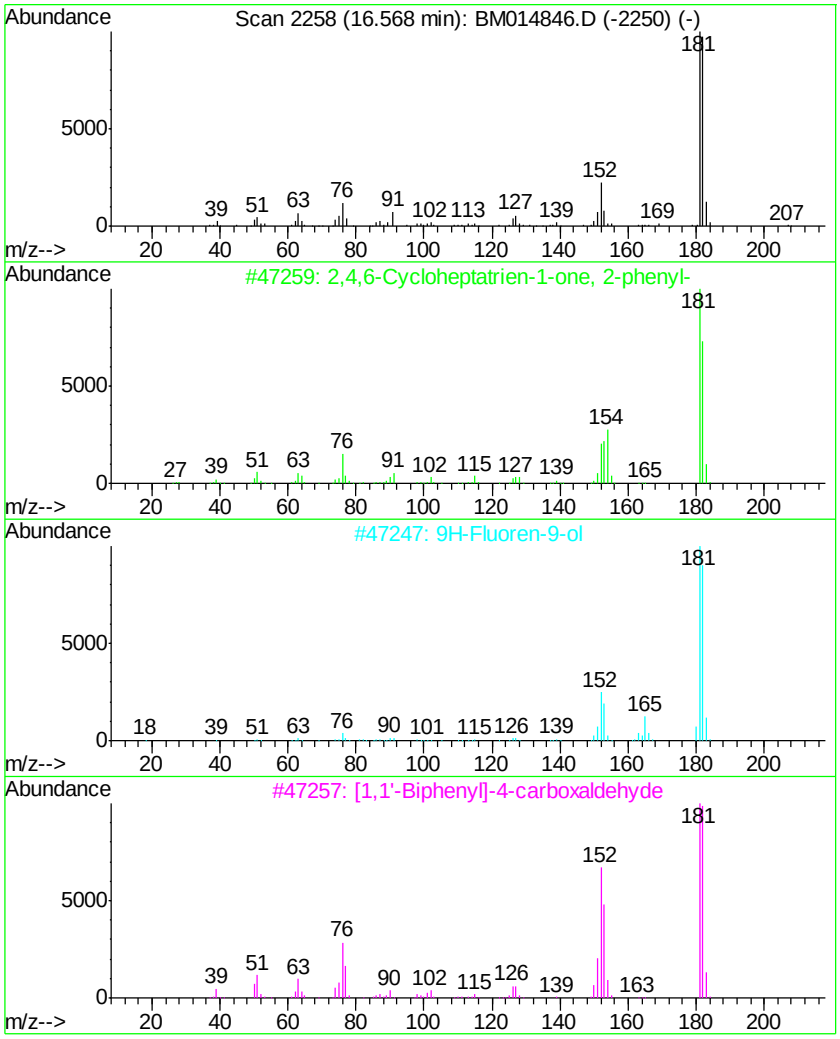
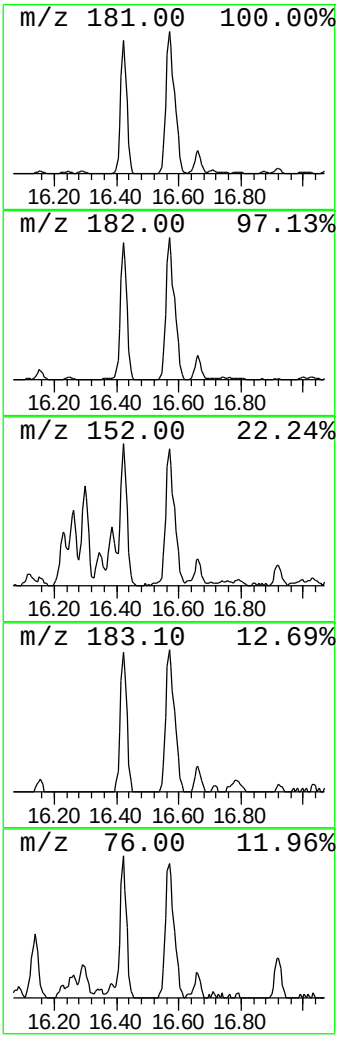
Peak Number 16 2,4,6-Cycloheptatrien-1-one... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.84 ng/ul	700749	Phenanthrene-d10	17.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	9H-Xanthene	182	C13H10O	000092-83-1	64





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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 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.58 ng/ul	469989	Phenanthrene-d10	17.82

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, 9-methyl-	180	C14H12	002523-37-7	93
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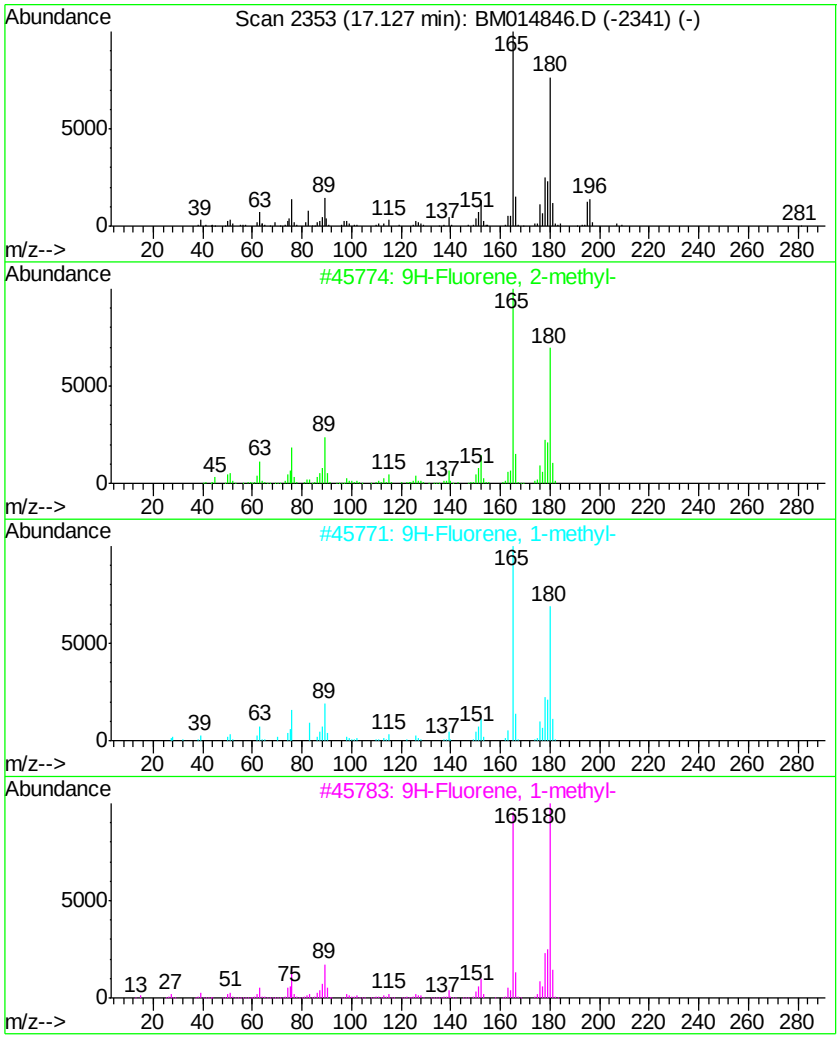

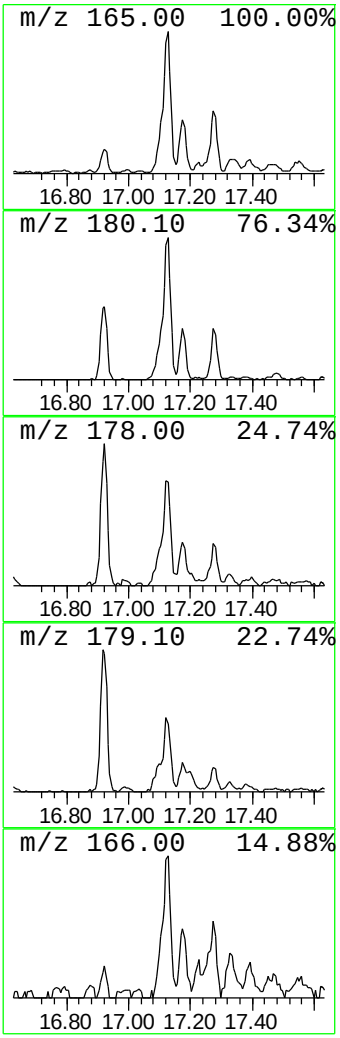

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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
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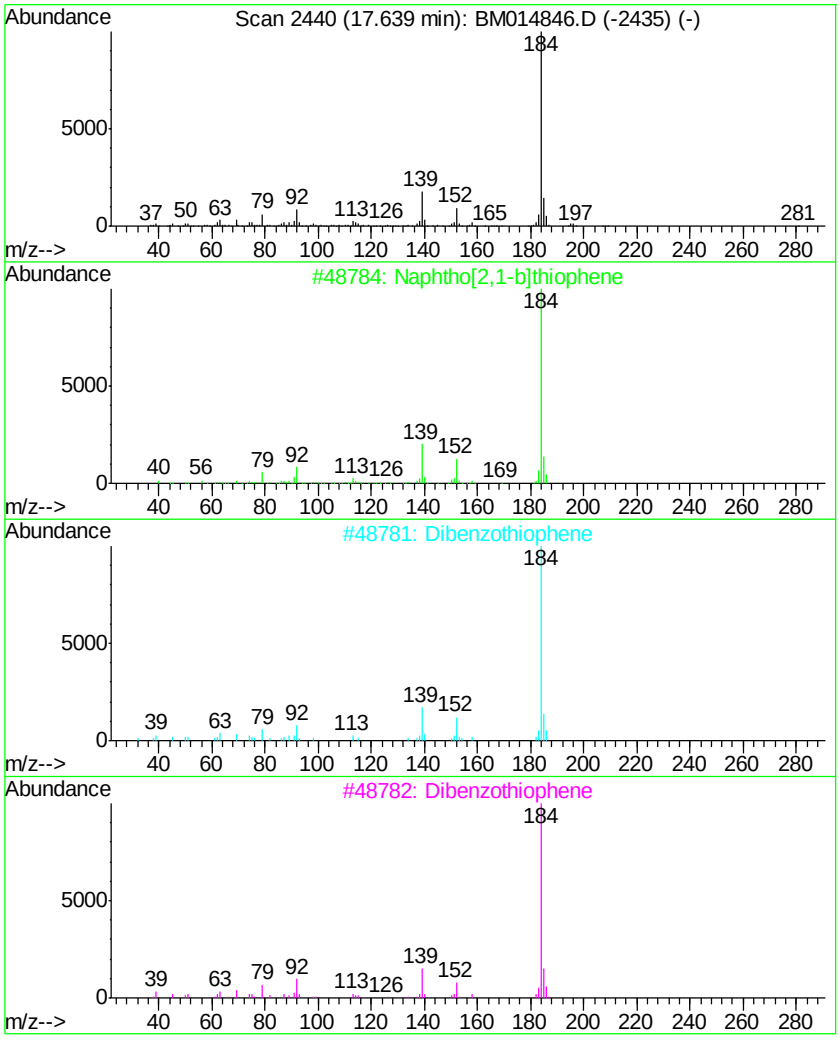
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

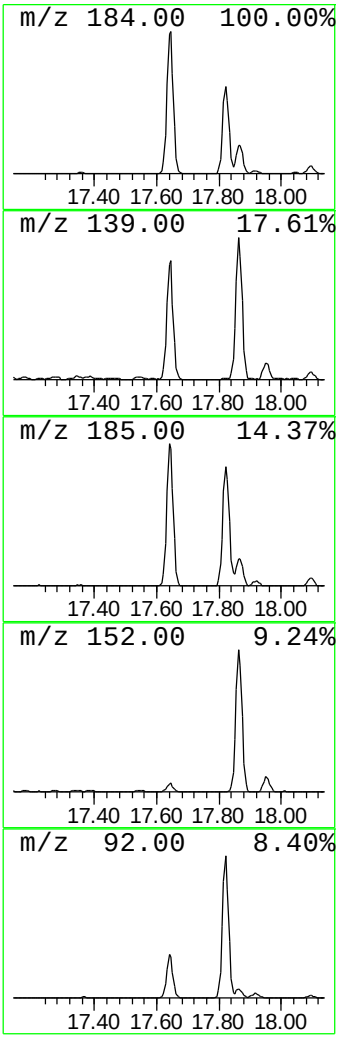
****

Peak Number 18 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	4.85 ng/ul	884275	Phenanthrene-d10	17.82

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	96
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95





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Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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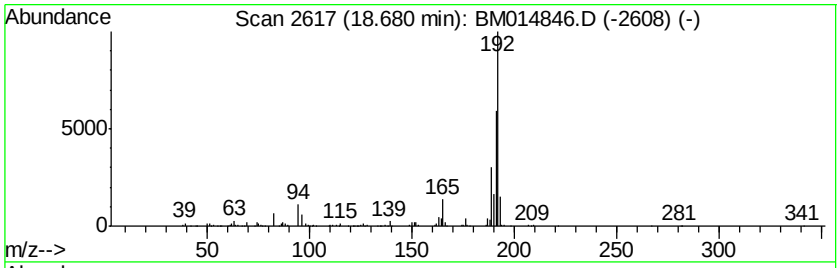
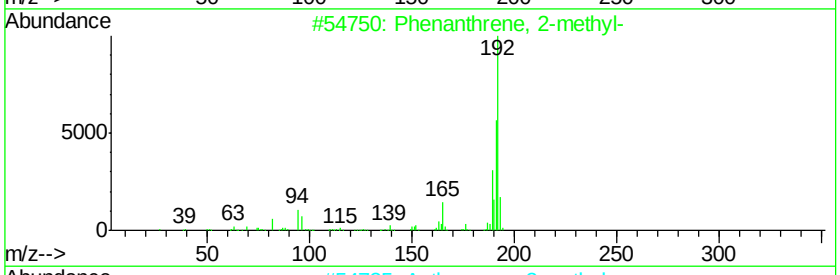
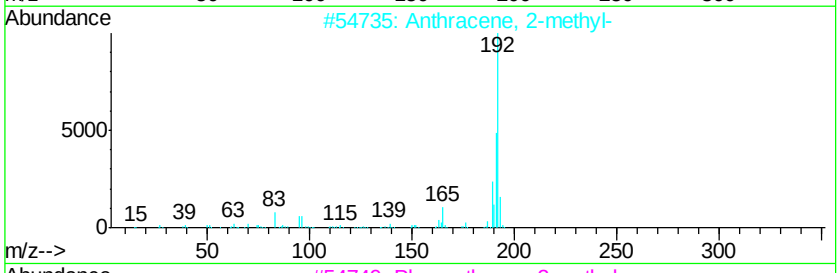
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 7

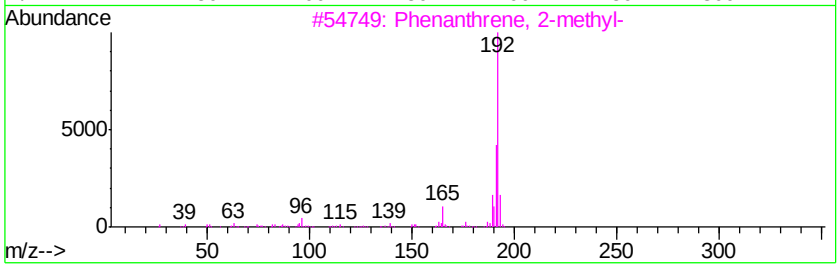
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.79 ng/ul	691525	Phenanthrene-d10	17.82

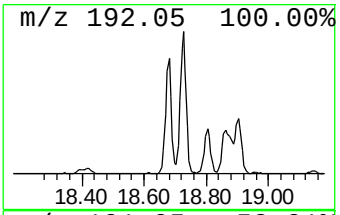
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93

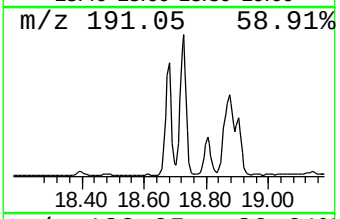


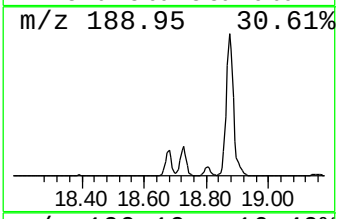


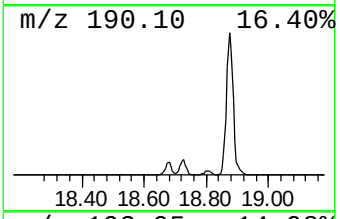


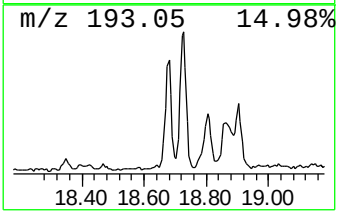












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Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

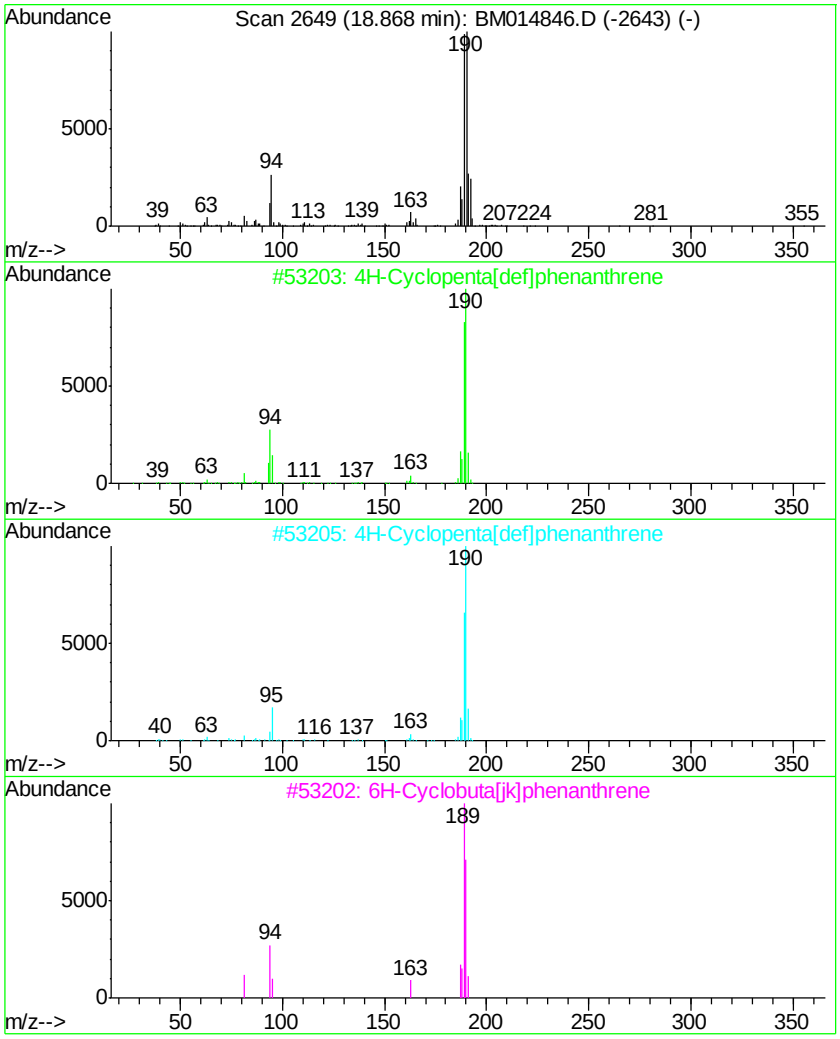
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

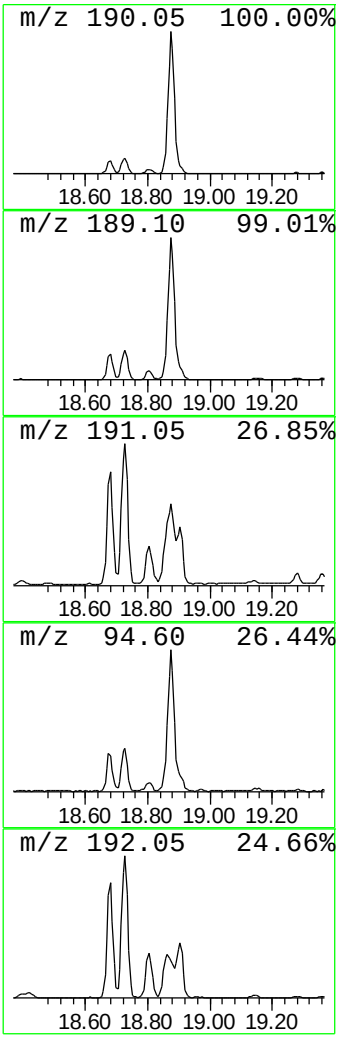
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	10.66 ng/ul	1943020	Phenanthrene-d10	17.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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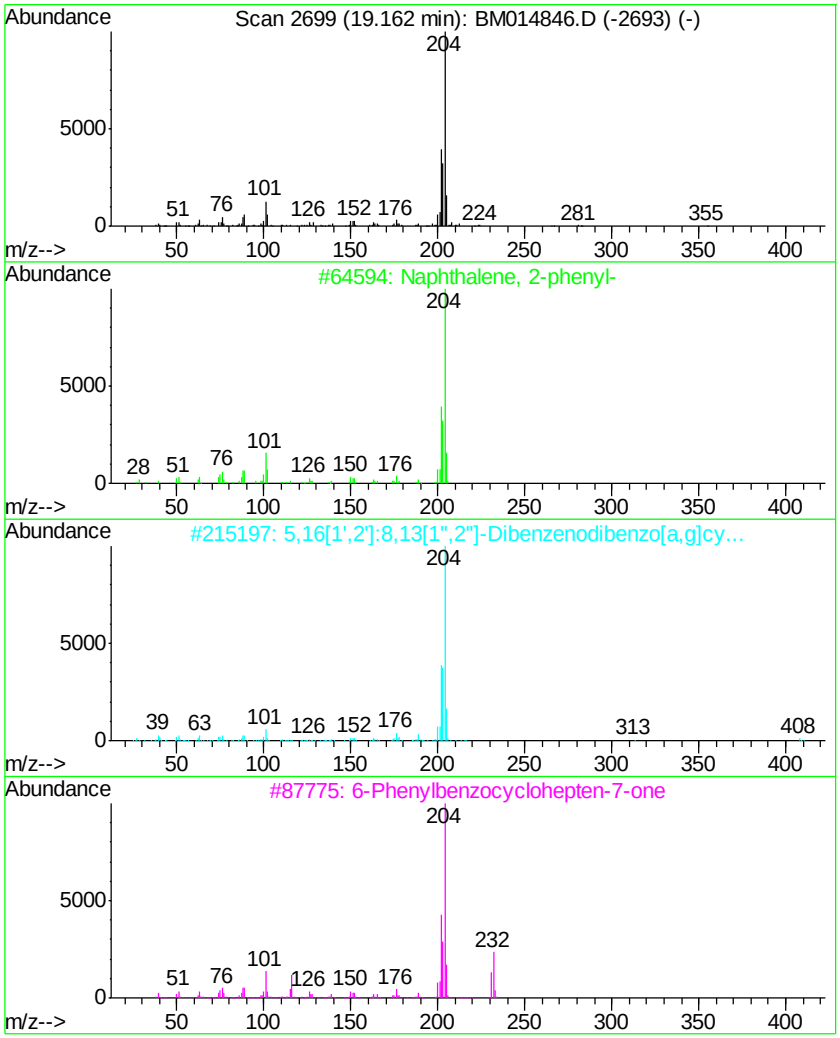
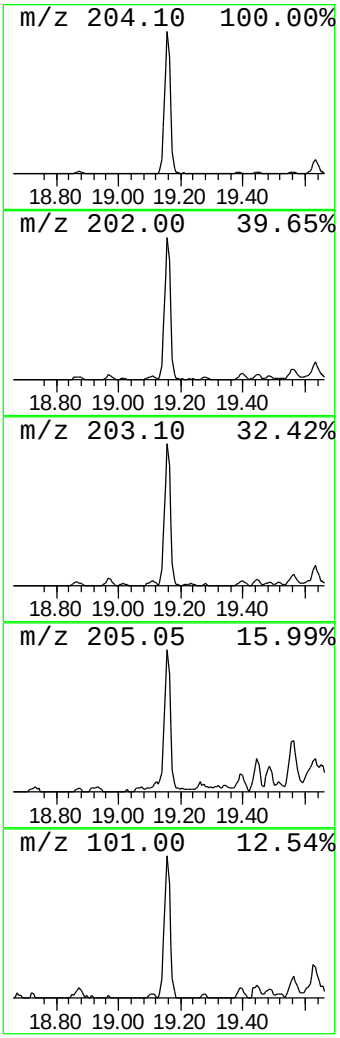
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.97 ng/ul	540954	Phenanthrene-d10	17.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





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Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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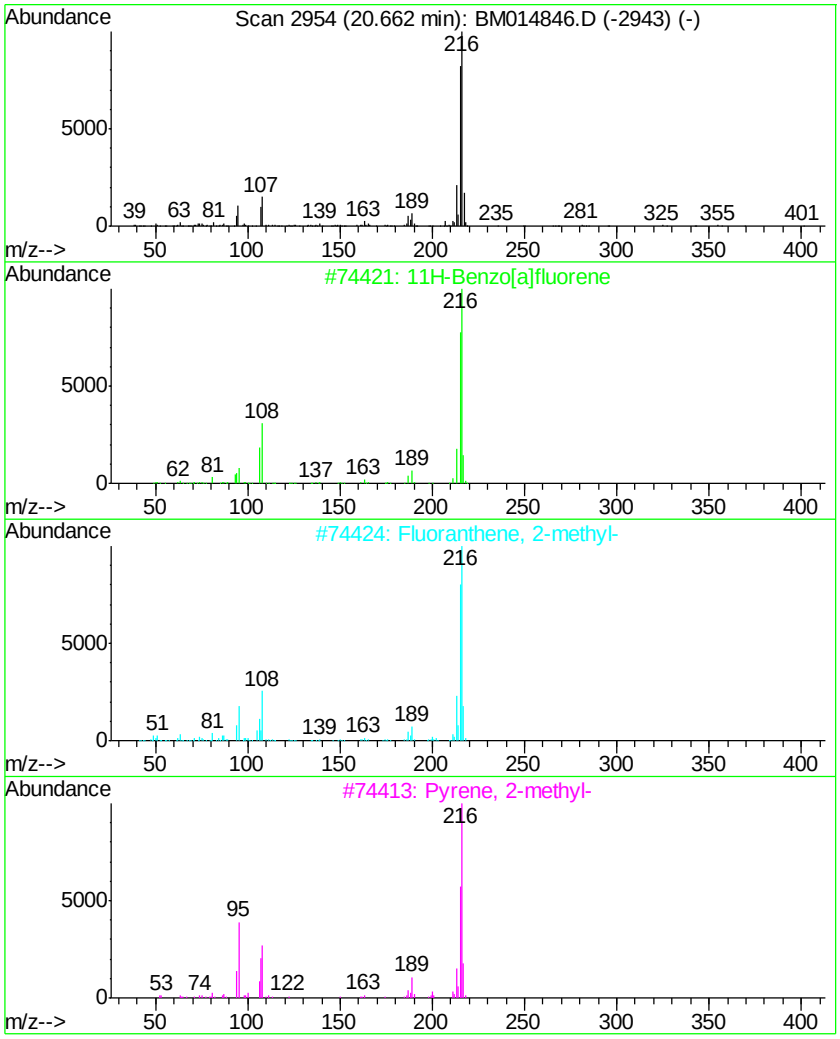
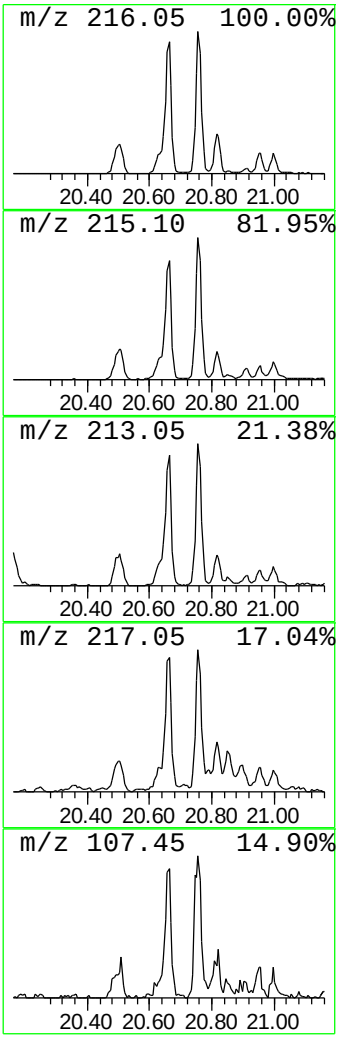
Peak Number 23 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	2.94 ng/ul	865441	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
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Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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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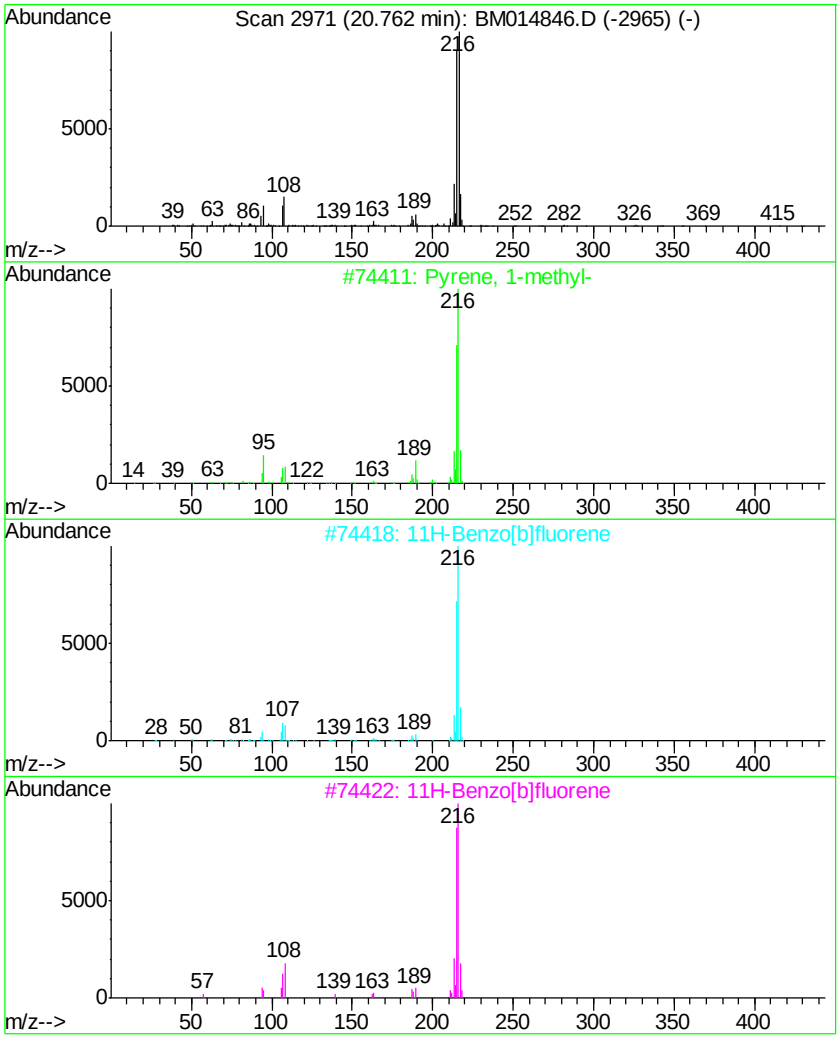
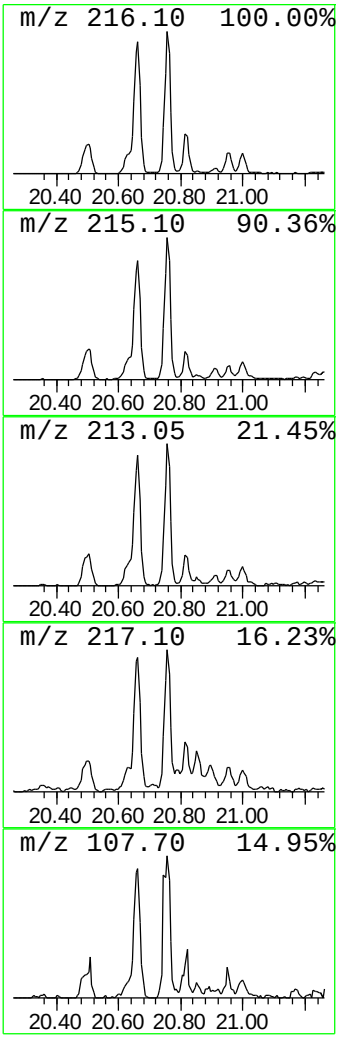
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.74 ng/ul	805480	Chrysene-d12	21.91

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





Tentatively Identified Compound (LSC) summary

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Data File : BM014846.D
Acq On : 25 Apr 2018 22:36
Operator : SJ/JU
Sample : J2431-16DL2 30X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DASP7DL2

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...	7.62	3.7	ng/ul	328079	1	8.50	1753460	20.0
(DEL) Alkane: Str...	8.09	5.3	ng/ul	460319	1	8.50	1753460	20.0
(DEL) Alkane: Str...	8.45	3.7	ng/ul	322710	1	8.50	1753460	20.0
(DEL) Alkane: Str...	9.01	2.3	ng/ul	203973	1	8.50	1753460	20.0
(DEL) Alkane: Str...	9.07	2.8	ng/ul	241973	1	8.50	1753460	20.0
(DEL) Alkane: Str...	9.15	3.0	ng/ul	267531	1	8.50	1753460	20.0
(DEL) Alkane: Str...	9.25	2.4	ng/ul	206446	1	8.50	1753460	20.0
(DEL) Alkane: Str...	9.72	6.2	ng/ul	543242	1	8.50	1753460	20.0
2-Methylindan-2-ol	9.86	2.4	ng/ul	207050	1	8.50	1753460	20.0
Benzene, 1-methyl...	10.40	2.2	ng/ul	291666	2	11.35	2629450	20.0
Naphthalene, 1,6-...	14.27	2.2	ng/ul	345244	3	15.11	3145030	20.0
Naphthalene, 2,3-...	14.43	3.1	ng/ul	486790	3	15.11	3145030	20.0
Naphthalene, 1,5-...	14.49	2.1	ng/ul	325089	3	15.11	3145030	20.0
Nordiphenamid	16.30	2.7	ng/ul	419306	3	15.11	3145030	20.0
Dibenzofuran, 4-m...	16.42	3.1	ng/ul	491492	3	15.11	3145030	20.0
2,4,6-Cycloheptat...	16.57	3.8	ng/ul	700749	4	17.82	3647020	20.0
9H-Fluorene, 2-me...	17.13	2.6	ng/ul	469989	4	17.82	3647020	20.0
Naphtho[2,1-b]thi...	17.64	4.8	ng/ul	884275	4	17.82	3647020	20.0
Phenanthrene, 2-m...	18.68	3.8	ng/ul	691525	4	17.82	3647020	20.0
4H-Cyclopenta[def...	18.87	10.7	ng/ul	1943020	4	17.82	3647020	20.0
Naphthalene, 2-ph...	19.16	3.0	ng/ul	540954	4	17.82	3647020	20.0
11H-Benzo[a]fluorene	20.66	2.9	ng/ul	865441	5	21.91	5884350	20.0
Pyrene, 1-methyl-	20.76	2.7	ng/ul	805480	5	21.91	5884350	20.0