LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

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-BM011018.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	7.569	773	779	788	rBV	304484	534460	9.74%	1.262%
2	8.104	864	870	879	rVB2	35883	63973	1.17%	0.151%
3	9.746	1143	1149	1153	rBV4	31793	55132	1.01%	0.130%
4	9.981	1183	1189	1194	rBV4	38426	59453	1.08%	0.140%
5	10.340	1240	1250	1254	rBV	456141	835167	15.22%	1.972%
6	10.393	1254	1259	1274	rVV	1515256	2602372	47.44%	6.144%
7	10.510	1274	1279	1287	rVV2	41179	83576	1.52%	0.197%
8	11.198	1386	1396	1402	rBV3	23860	61770	1.13%	0.146%
9	11.775	1487	1494	1499	rBV3	45621	79408	1.45%	0.187%
10	12.010	1525	1534	1550	rBV	1245076	2094735	38.19%	4.945%
11	12.234	1561	1572	1582	rBV	548561	949467	17.31%	2.241%
12	13.045	1704	1710	1716	rBV2	340118	568307	10.36%	1.342%
13	13.245	1738	1744	1753	rVB	99965	201115	3.67%	0.475%
14	13.375	1760	1766	1768	rBV2	127432	189216	3.45%	0.447%
15	13.539	1787	1794	1799	rBV2	191032	363516	6.63%	0.858%
16	13.592	1799	1803	1808	rBV	108413	167061	3.05%	0.394%
17	13.704	1817	1822	1826	rVB3	55287	81118	1.48%	0.191%
18	13.781	1830	1835	1839	rBV2	66236	101943	1.86%	0.241%
19	13.945	1860	1863	1871	rVB	62626	83080	1.51%	0.196%
20	14.128	1888	1894	1899	rBV	128632	184584	3.36%	0.436%
21	14.216	1899	1909	1915	rVV4	772733	1582538	28.85%	3.736%
22	14.286	1915	1921	1930	rVV	1266675	1872477	34.13%	4.420%
23	14.375	1931	1936	1942	rVB2	52754	86889	1.58%	0.205%
24	14.433	1942	1946	1955	rVB4	34861	87520	1.60%	0.207%
25	14.533	1957	1963	1967	rBV3	47089	78686	1.43%	0.186%
26	14.628	1967	1979	1985	rBV	883175	1441788	26.28%	3.404%
27	14.851	2008	2017	2023	rBV8	47327	102763	1.87%	0.243%
28	14.904	2023	2026	2034	rVB4	32851	59620	1.09%	0.141%
29	15.080	2052	2056	2064	rVB	147027	209157	3.81%	0.494%
30	15.222	2075	2080	2084	rVB4	50434	76240	1.39%	0.180%
31	15.275	2084	2089	2102	rBV	947394	1461160	26.64%	3.449%
32	15.398	2108	2110	2113	rVV2	69114	94892	1.73%	0.224%
33	15.439	2113	2117	2121	rVV2	136749	203517	3.71%	0.480%
34	15.492	2121	2126	2129	rVV2	67263	112044	2.04%	0.265%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

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-BM011018.M
Title : SVOA CALIBRATION

35	15.528	2129	2132	2136	rVV3	73290	101869	1.86%	0.240%
36	15.575	2136	2140	2148	rVB	176584	268765	4.90%	0.634%
37	15.692	2155	2160	2163	rBV	287987	379093	6.91%	0.895%
38	15.722	2163	2165	2173	rVB	152770	291983	5.32%	0.689%
39	15.951	2199	2204	2211	rBV2	179714	377050	6.87%	0.890%
40	16.016	2211	2215	2221	rVB	156844	218308	3.98%	0.515%
41	16.292	2251	2262	2266	rBV4	103991	241679	4.41%	0.571%
42	16.333	2266	2269	2275	rVB5	48670	80870	1.47%	0.191%
43	16.433	2281	2286	2292	rVB4	37623	78740	1.44%	0.186%
44	16.516	2297	2300	2303	rVV2	40219	58648	1.07%	0.138%
45	16.551	2304	2306	2310	rVB3	44583	56731	1.03%	0.134%
46	16.639	2316	2321	2327	rVB6	95209	174486	3.18%	0.412%
47	16.739	2329	2338	2343	rVV7	159882	365281	6.66%	0.862%
48	16.798	2343	2348	2355	rVB	254366	394595	7.19%	0.932%
49	16.886	2359	2363	2367	rBV2	41744	57006	1.04%	0.135%
50	16.974	2373	2378	2381	rBV	939383	1336653	24.37%	3.155%
51	17.022	2381	2386	2392	rVV	3984980	5485558	100.00%	12.950%
52	17.080	2392	2396	2397	rVV2	84866	119775	2.18%	0.283%
53	17.110	2397	2401	2408	rVV	612095	954574	17.40%	2.253%
54	17.204	2410	2417	2424	rVB6	73945	159752	2.91%	0.377%
55	17.392	2443	2449	2459	rBV	146322	327774	5.98%	0.774%
56	17.480	2460	2464	2470	rBV2	105137	184347	3.36%	0.435%
57	17.569	2475	2479	2487	rVB10	34152	70609	1.29%	0.167%
58	17.851	2522	2527	2531	rBV2	230031	331084	6.04%	0.782%
59	17.904	2531	2536	2543	rVV	286506	454598	8.29%	1.073%
60	17.986	2546	2550	2555	rVV	98040	148966	2.72%	0.352%
61	18.051	2555	2561	2565	rVV2	400688	692608	12.63%	1.635%
62	18.086	2565	2567	2572	rVB	107137	132003	2.41%	0.312%
63	18.174	2578	2582	2587	rBV2	99115	120920	2.20%	0.285%
64	18.363	2609	2614	2620	rBV	175799	250496	4.57%	0.591%
65	18.610	2648	2656	2662	rBV10	47475	94251	1.72%	0.223%
66	18.780	2678	2685	2688	rBV2	66069	131034	2.39%	0.309%
67	18.816	2688	2691	2695	rVV4	59249	76248	1.39%	0.180%
68	19.045	2724	2730	2737	rBV	2185314	2970476	54.15%	7.013%
69	19.292	2767	2772	2777	rBV2	59743	86283	1.57%	0.204%
70	19.410	2782	2792	2802	rVV	1386746	2557794	46.63%	6.038%
71	19.486	2802	2805	2813	rVB3	67013	110975	2.02%	0.262%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

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-BM011018.M
Title : SVOA CALIBRATION

72	19.598	2820	2824	2830	rVB2	74637	111591	2.03%	0.263%
73	19.733	2843	2847	2855	rVB3	62766	150822	2.75%	0.356%
74	19.874	2866	2871	2872	rBV4	42270	57745	1.05%	0.136%
75	19.910	2874	2877	2887	rVB2	179316	321161	5.85%	0.758%
76	20.010	2890	2894	2899	rBV	191211	277379	5.06%	0.655%
77	20.068	2899	2904	2908	rBV3	64071	103376	1.88%	0.244%
78	20.439	2963	2967	2970	rBV5	47490	64927	1.18%	0.153%
79	20.833	3030	3034	3036	rBV	55161	61460	1.12%	0.145%
80	20.904	3043	3046	3051	rVB4	57190	83677	1.53%	0.198%
81	21.180	3086	3093	3097	rBV2	1502027	2311533	42.14%	5.457%
82	21.215	3097	3099	3106	rVB	247146	317776	5.79%	0.750%
83	21.333	3115	3119	3123	rBV4	89414	120438	2.20%	0.284%
84	23.362	3458	3464	3473	rVB	868841	1607144	29.30%	3.794%

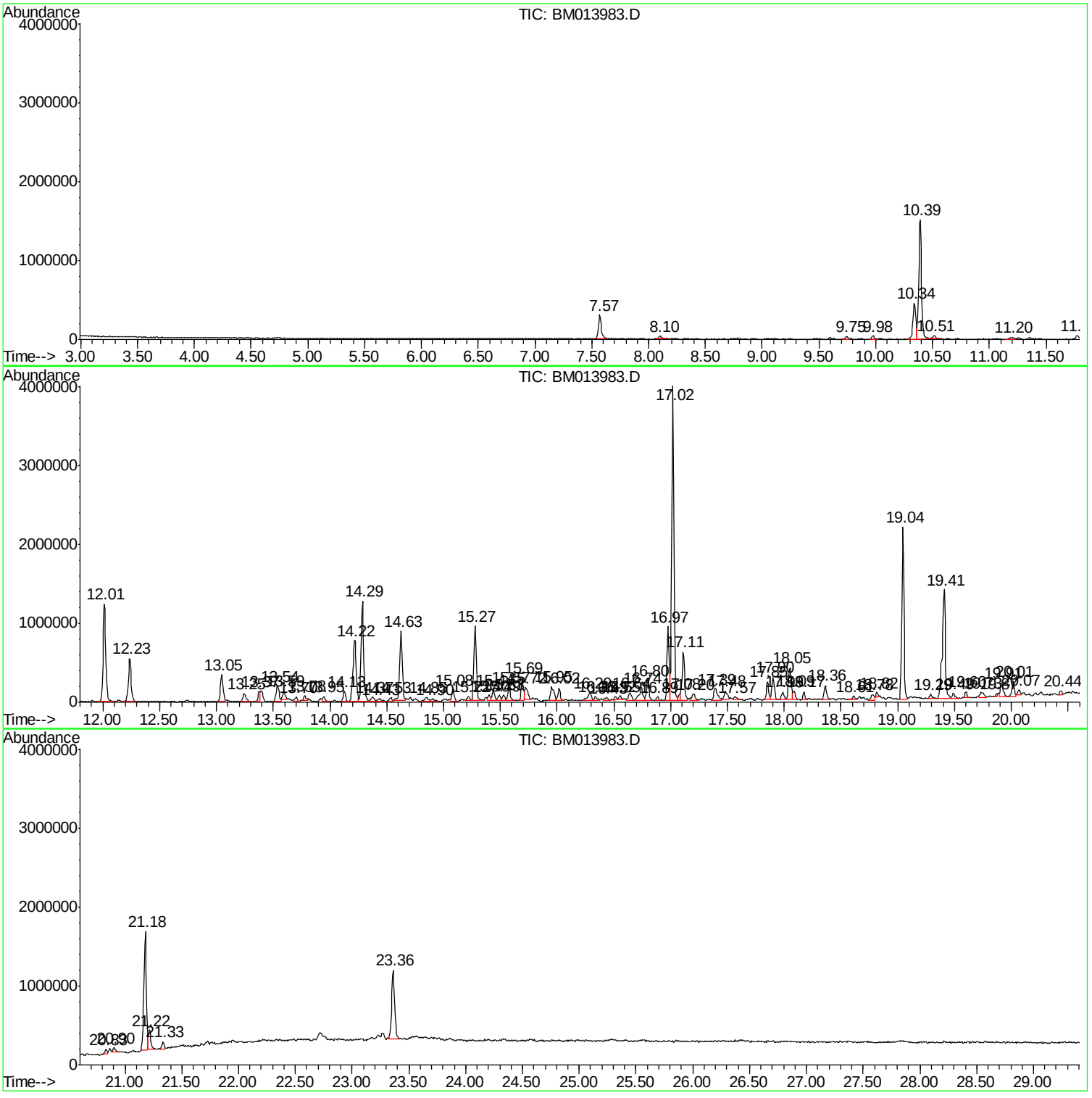
Sum of corrected areas: 42359655

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

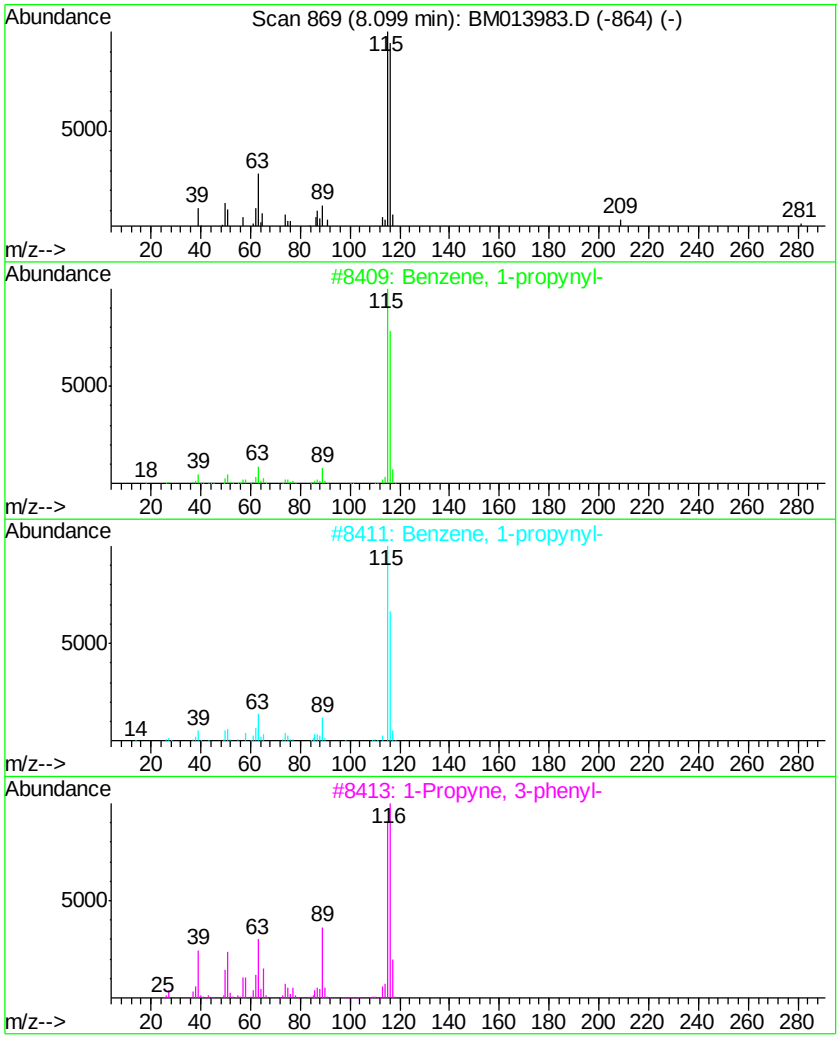
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

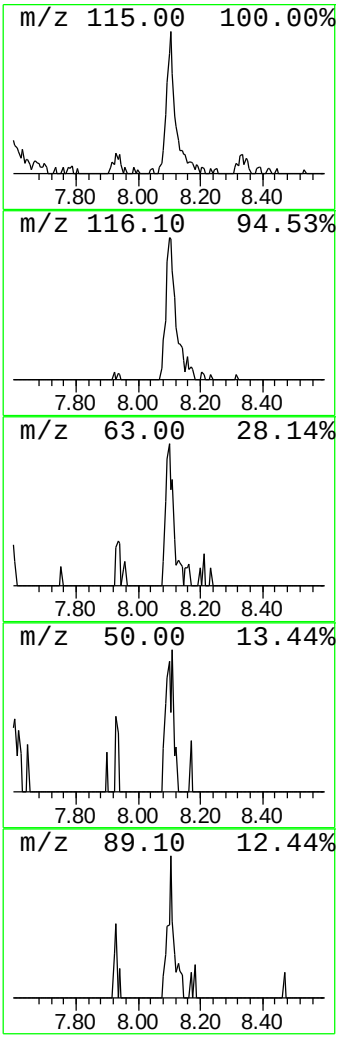
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	2.39 ng/ul	63973	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	90
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	87





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

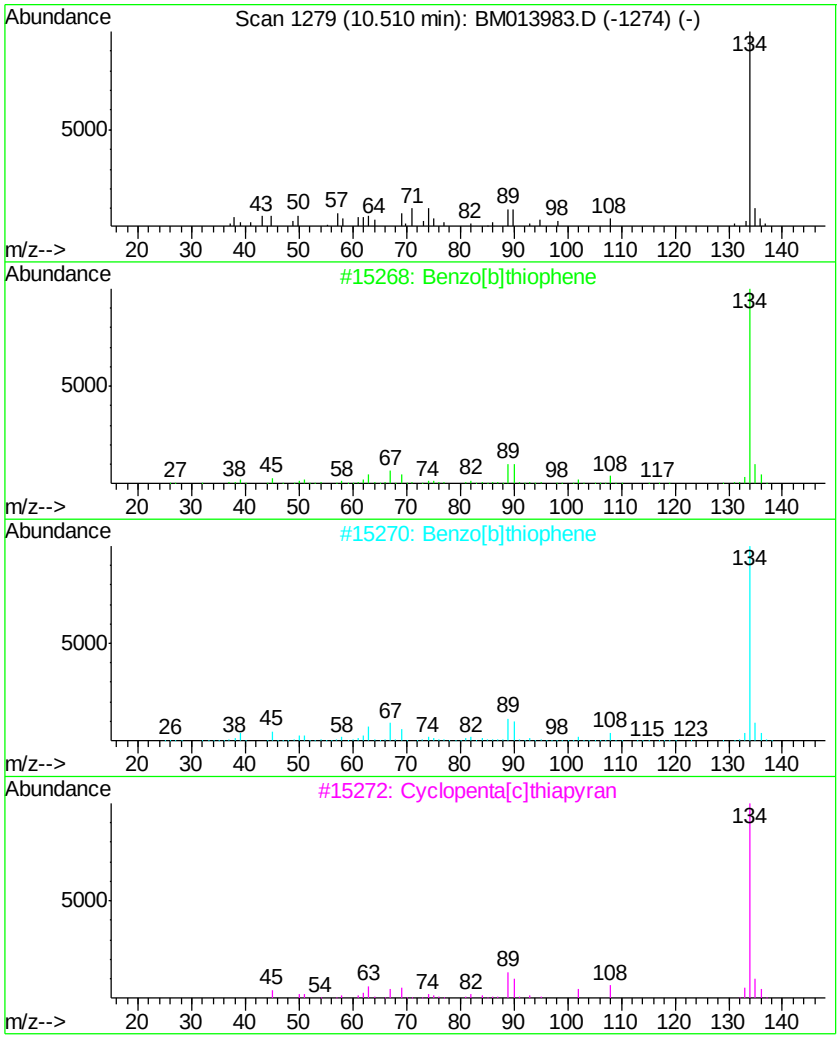
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

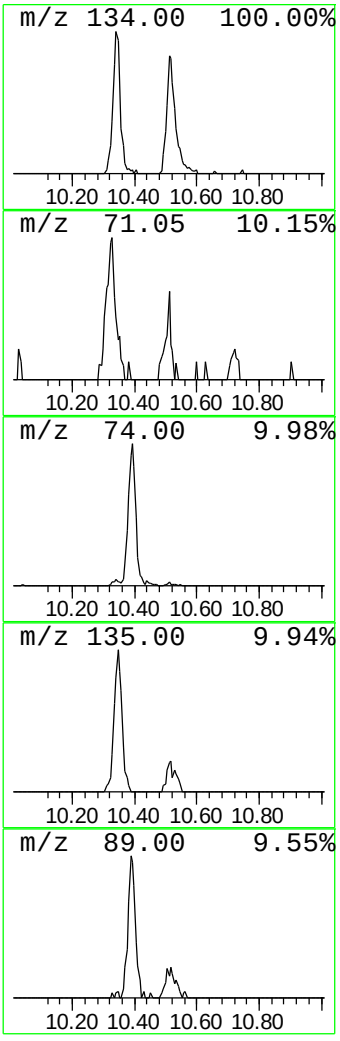
****

Peak Number 2 Benzo[b]thiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.00 ng/ul	83576	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

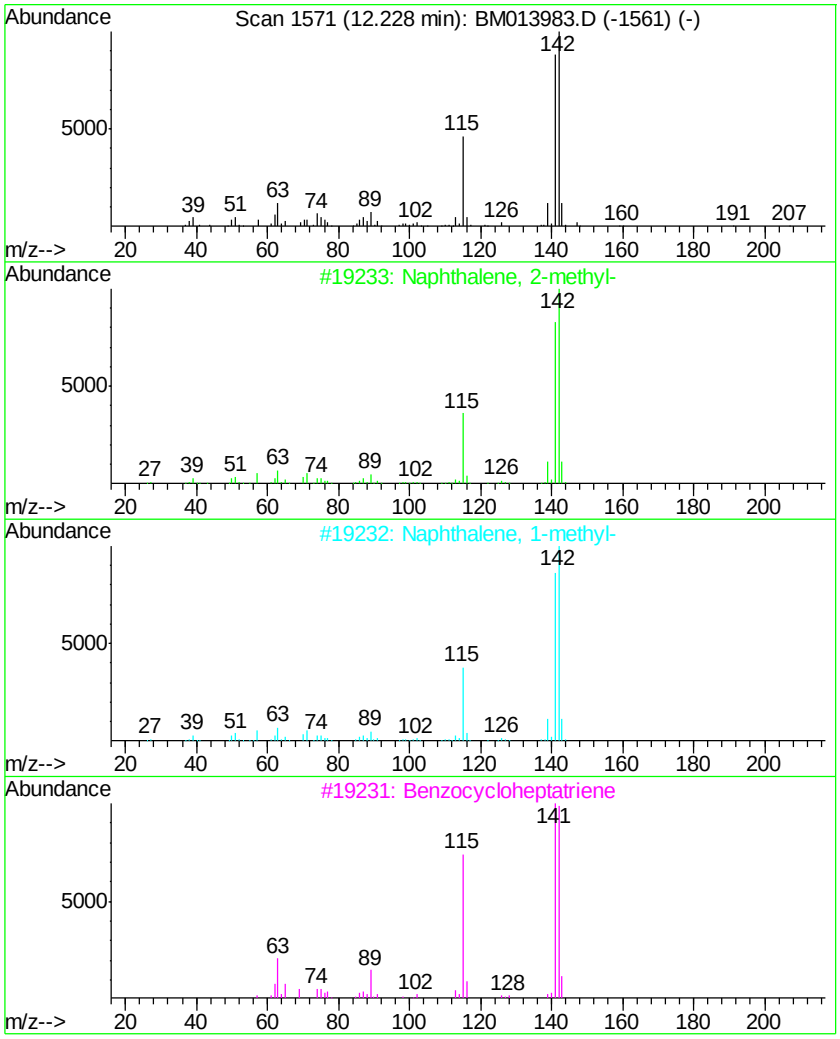
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

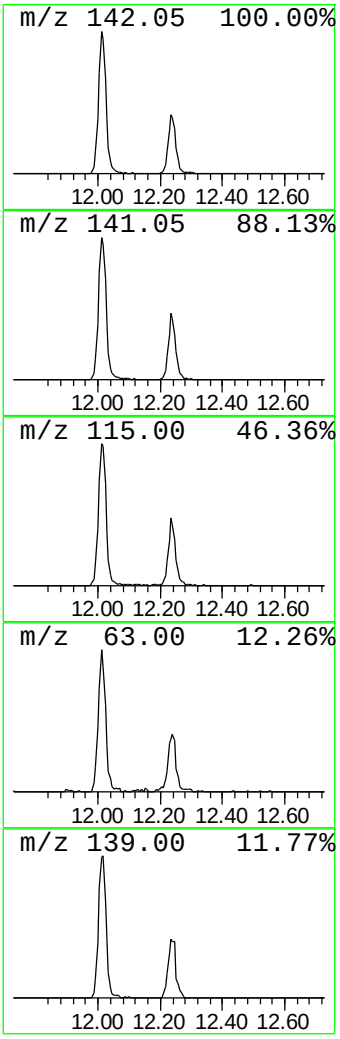
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	22.74 ng/ul	949467	Naphthalene-d8	10.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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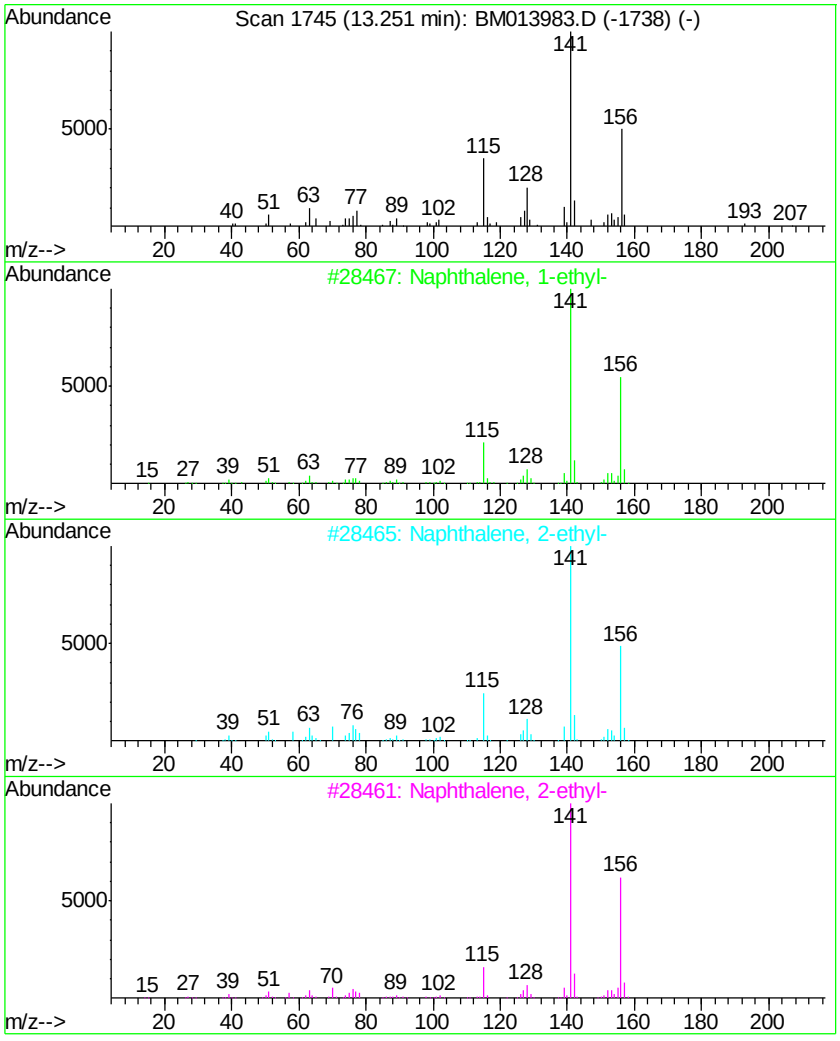
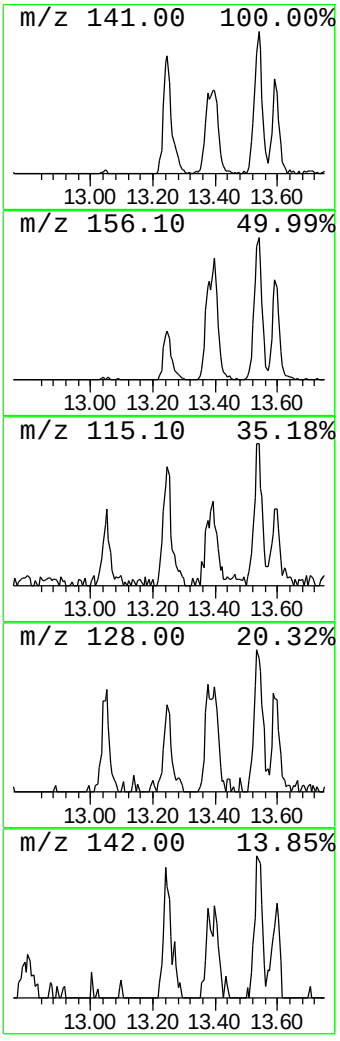
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.54 ng/ul	201115	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

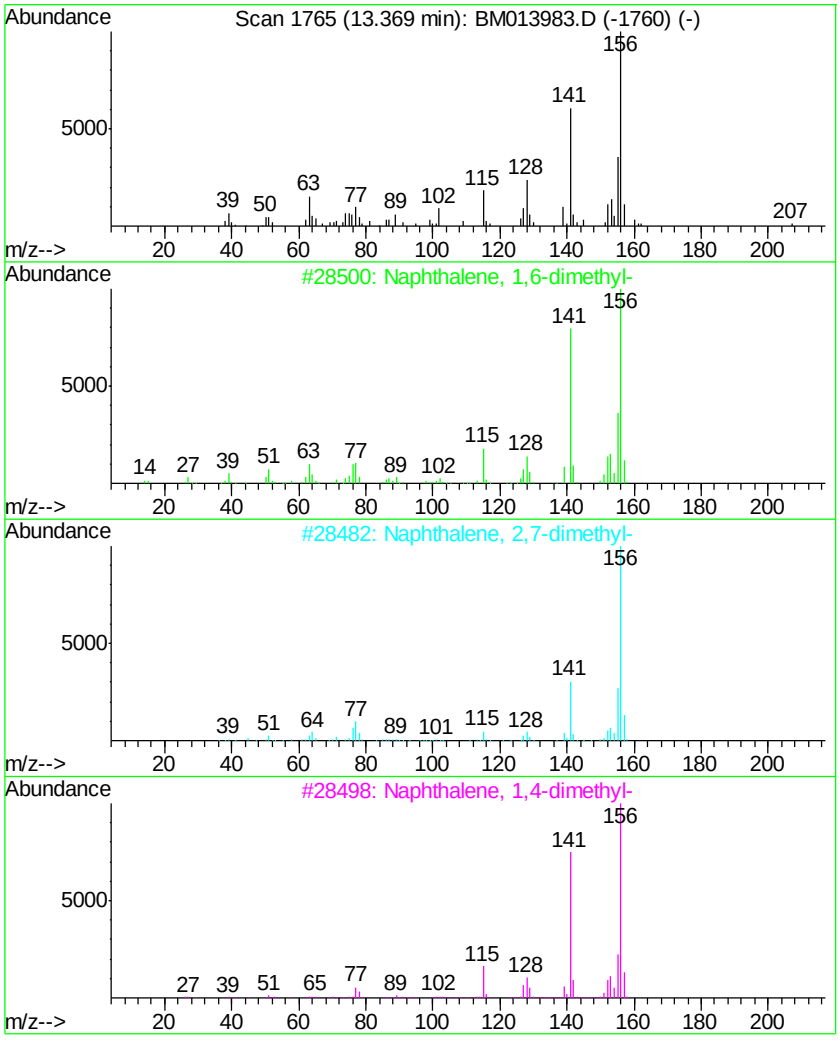
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

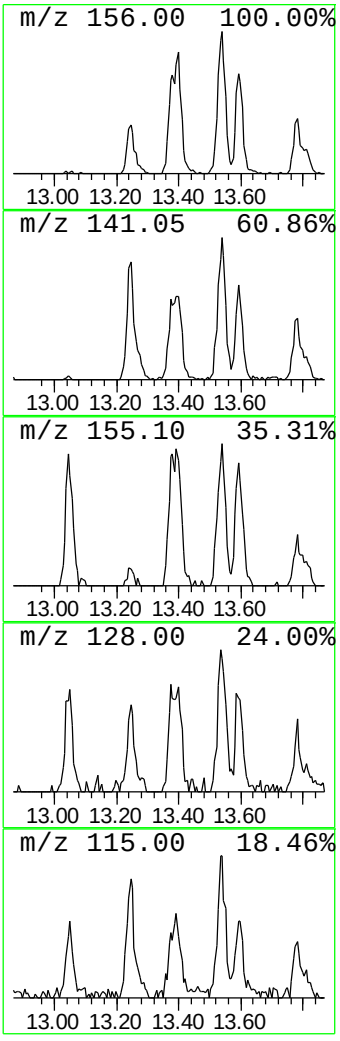
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	2.39 ng/ul	189216	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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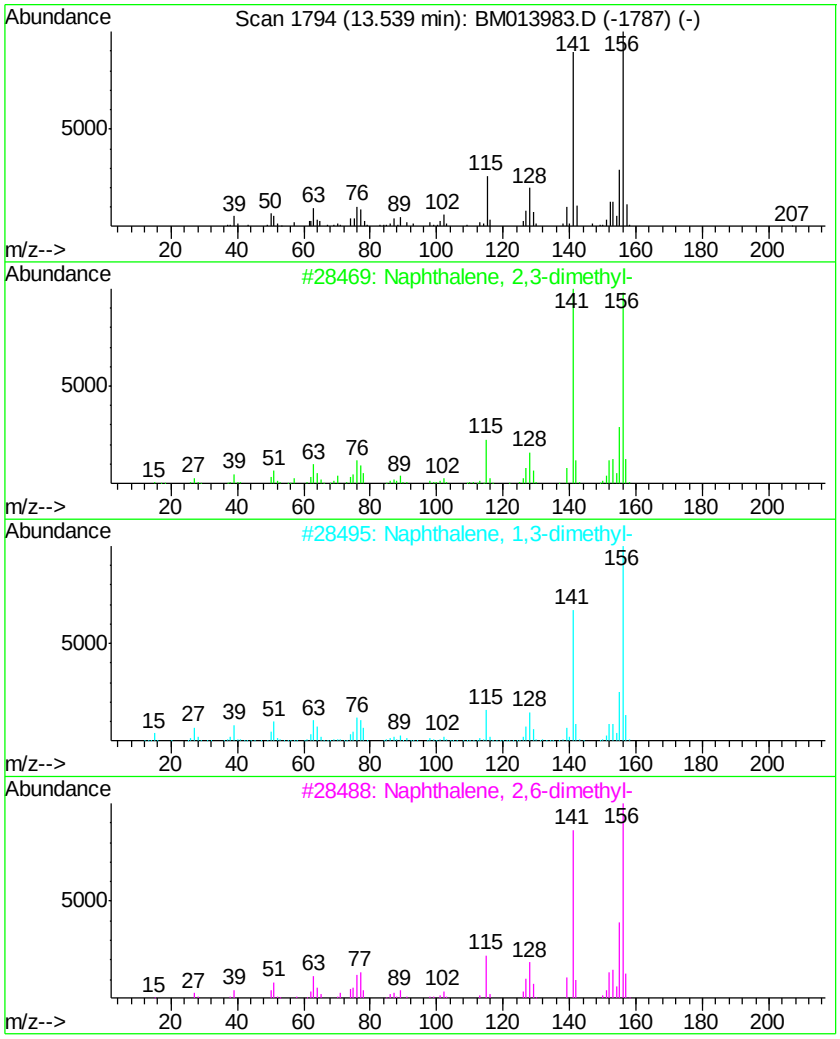
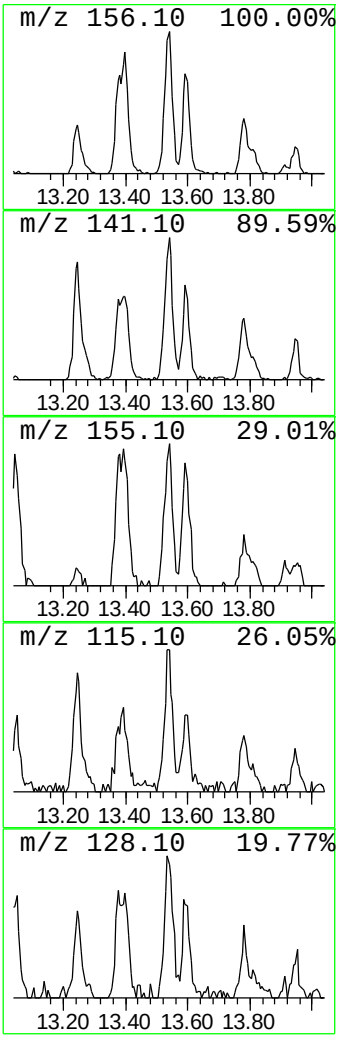
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	4.59 ng/ul	363516	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

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Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

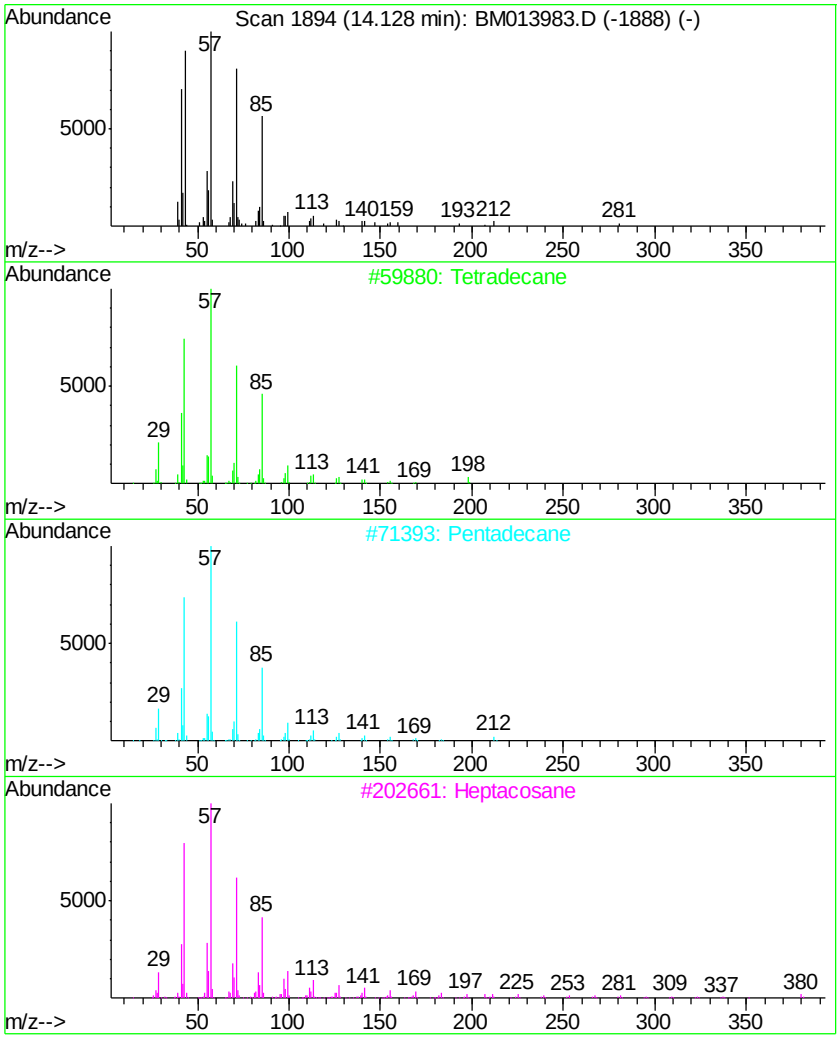
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

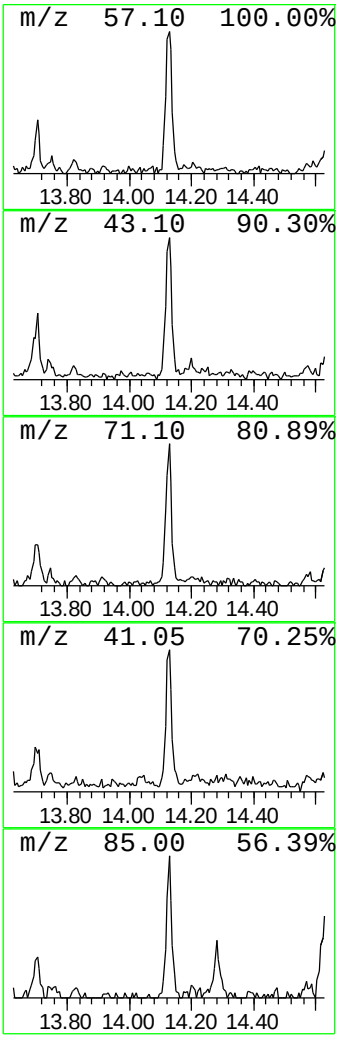
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.33 ng/ul	184584	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	81
3	Heptacosane	380	C27H56	000593-49-7	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
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Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

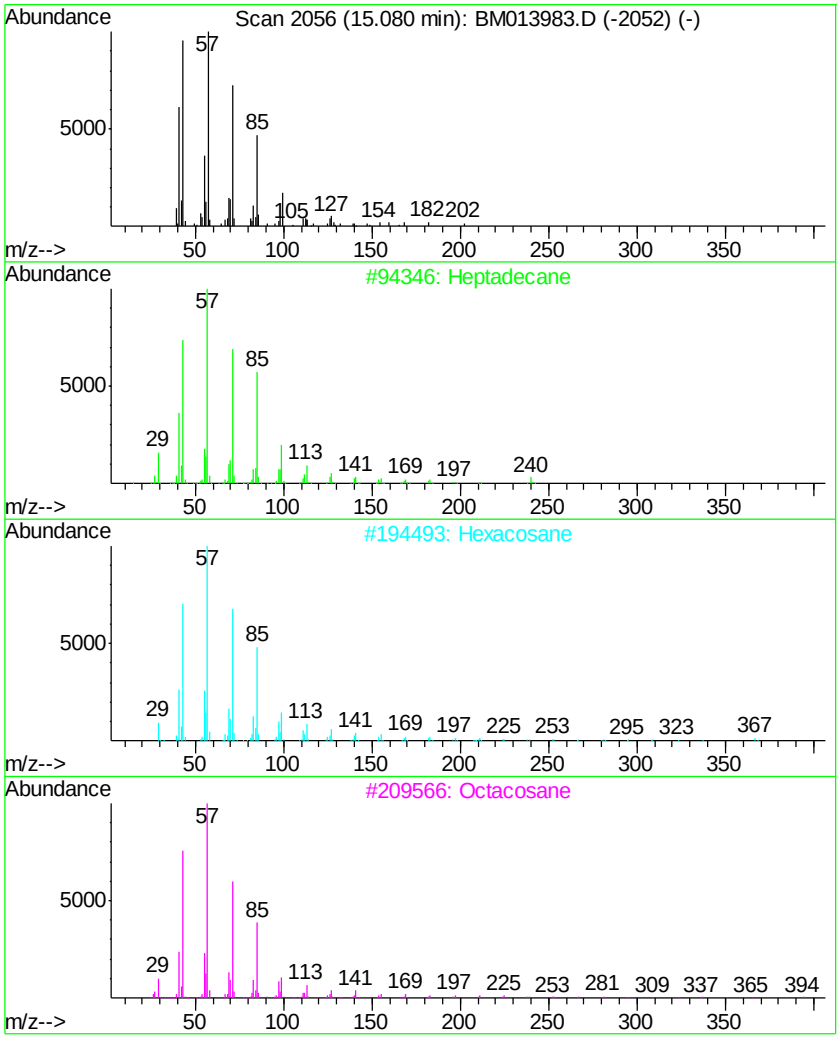
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

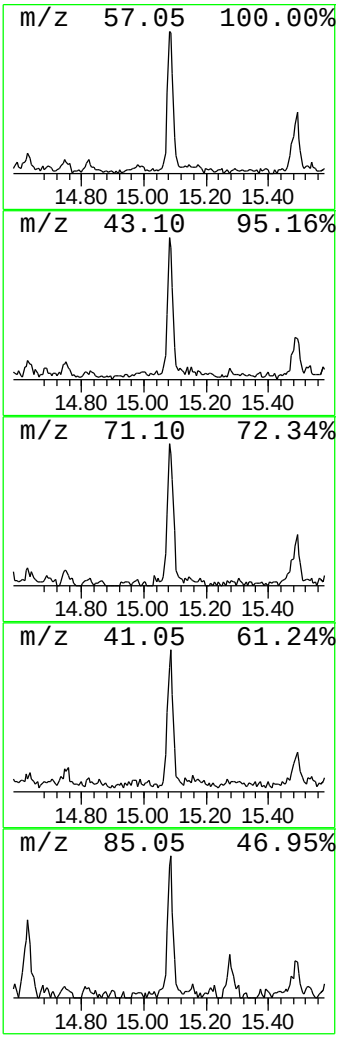
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.64 ng/ul	209157	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





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Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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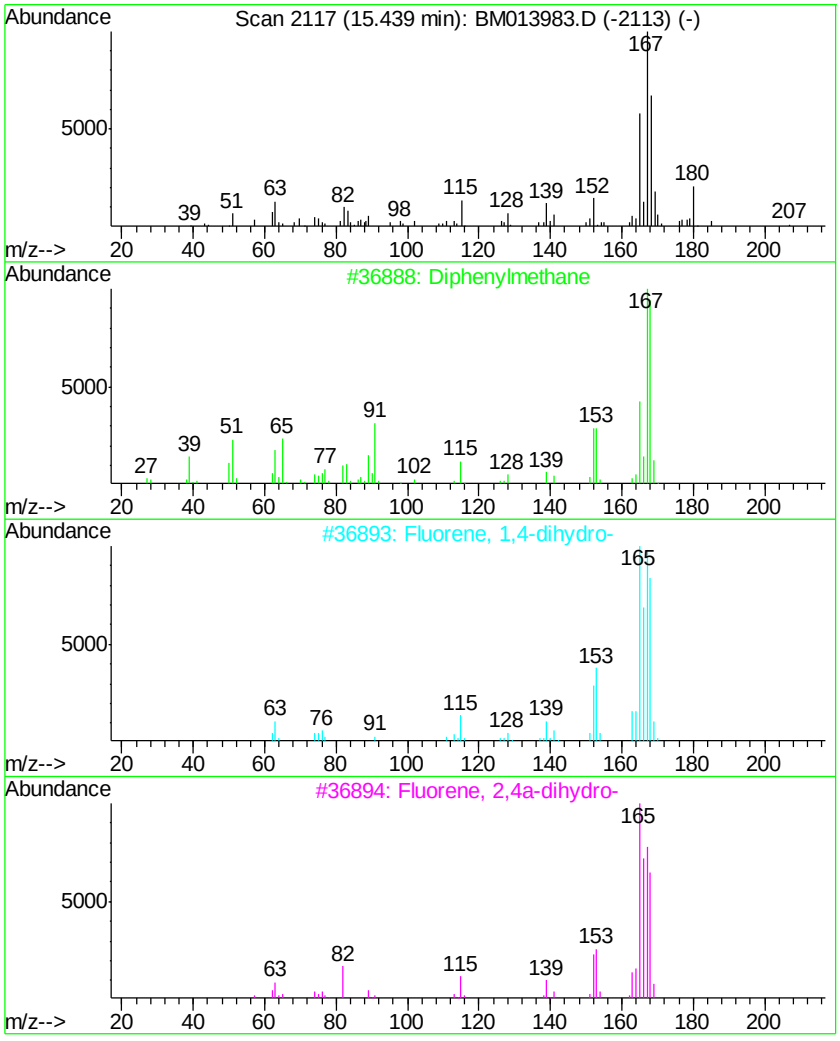
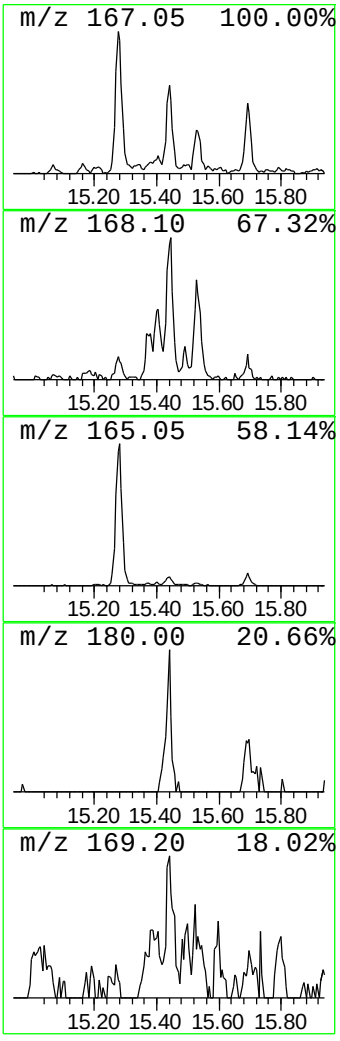
Peak Number 10 Diphenylmethane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.57 ng/ul	203517	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	50
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	49
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	46
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41





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Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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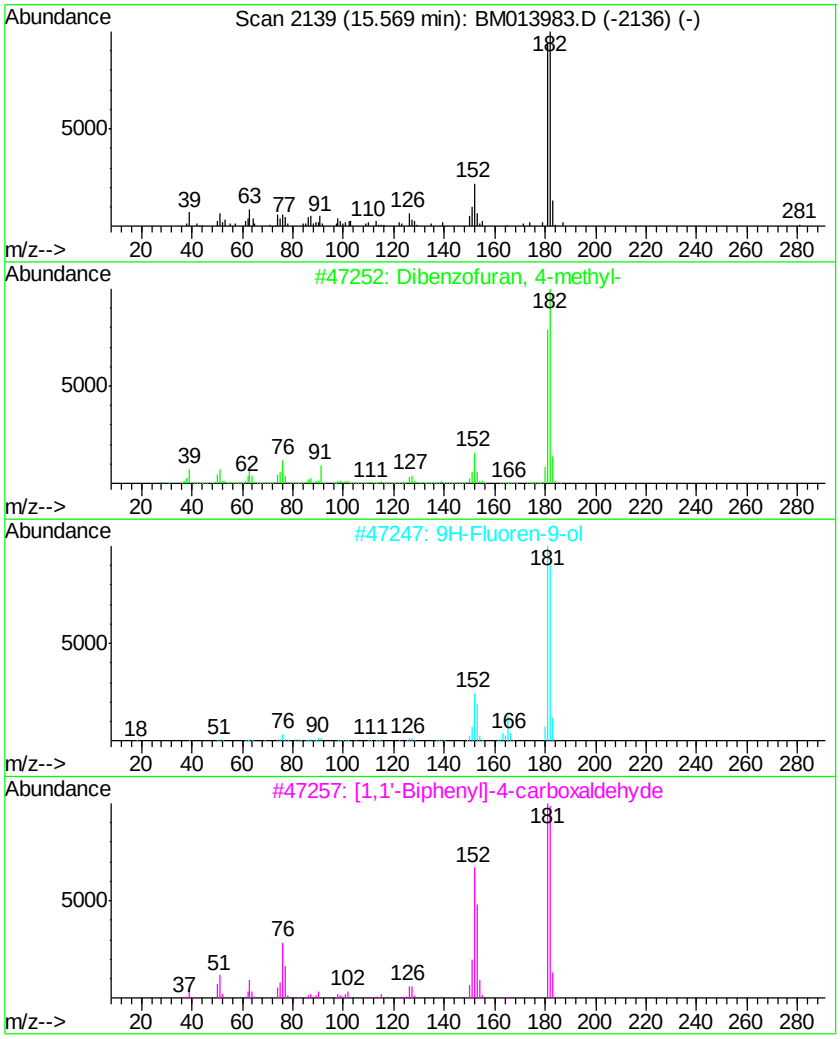
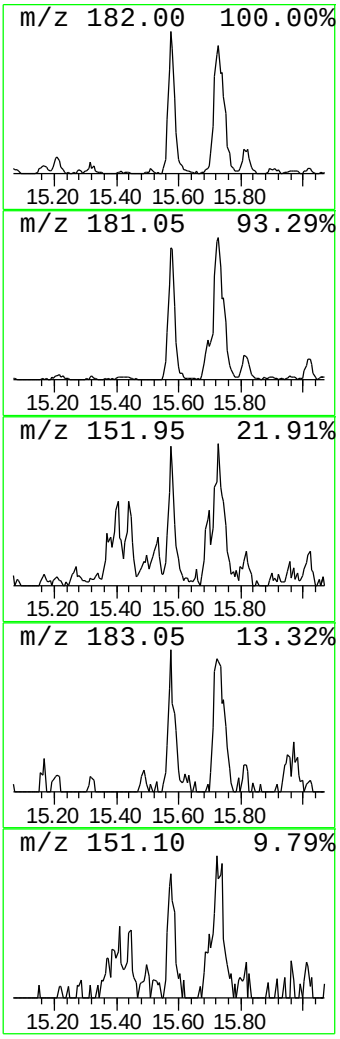
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.40 ng/ul	268765	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

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Quant Title : SVOA CALIBRATION

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

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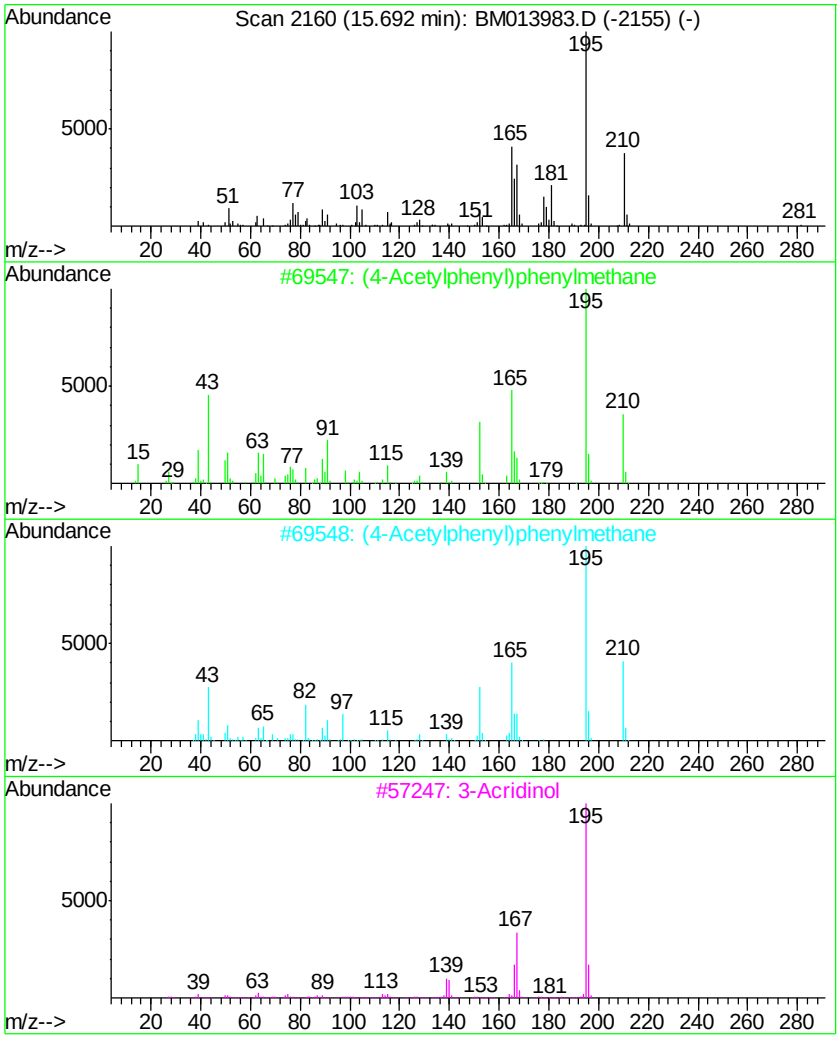
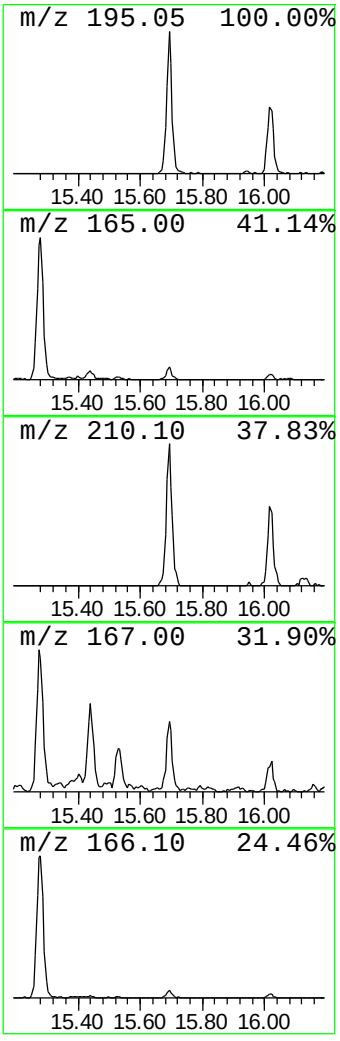
Peak Number 12 (4-Acetylphenyl)phenylmethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	5.67 ng/ul	379093	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	70
2	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	62
3	3-Acridinol	195	C13H9NO	007132-70-9	43
4	1-Methyl-4-azafluorenone	195	C13H9NO	058787-04-5	43
5	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	43





Library Search Compound Report

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Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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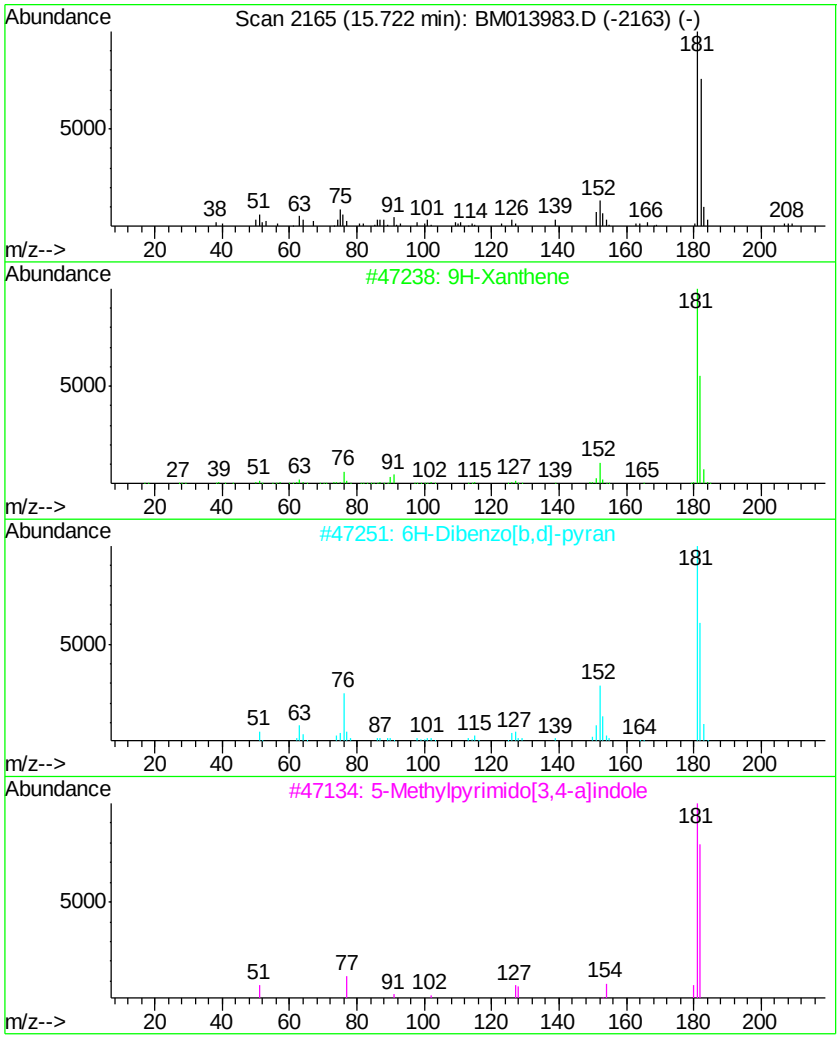
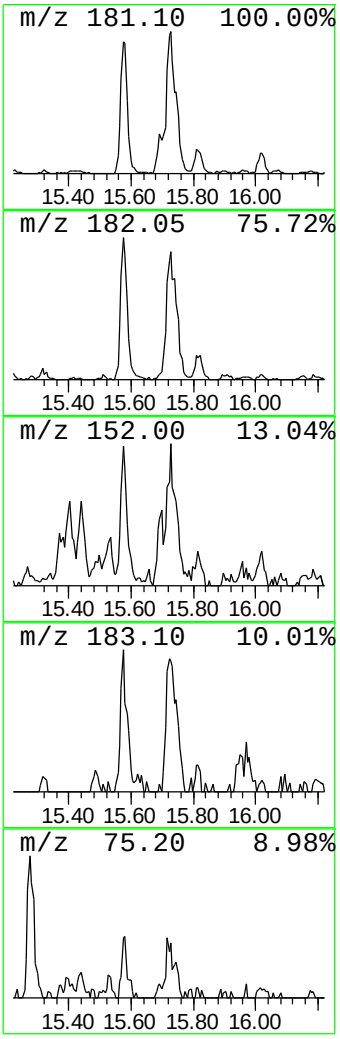
Peak Number 13 9H-Xanthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	4.37 ng/ul	291983	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthene	182	C13H10O	000092-83-1	86
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
3	5-Methylpyrimido[3,4-a]indole	182	C12H10N2	030689-02-2	72
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Acq On : 30 Jan 2018 06:16
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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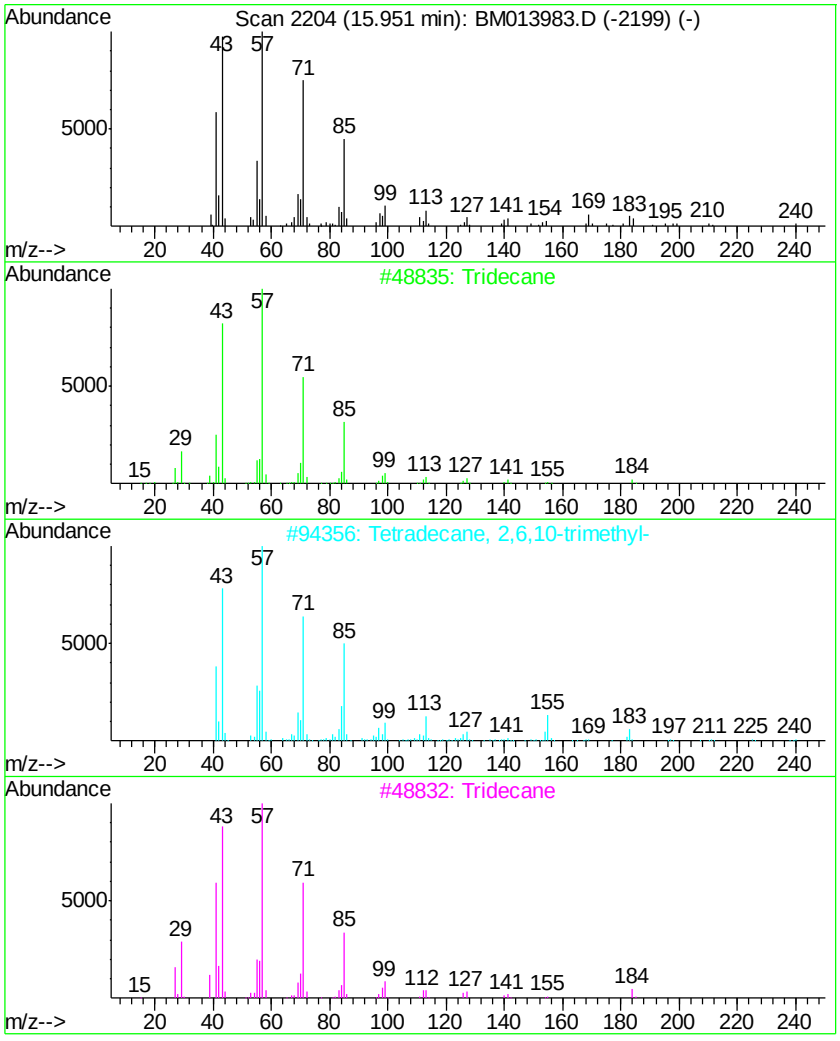
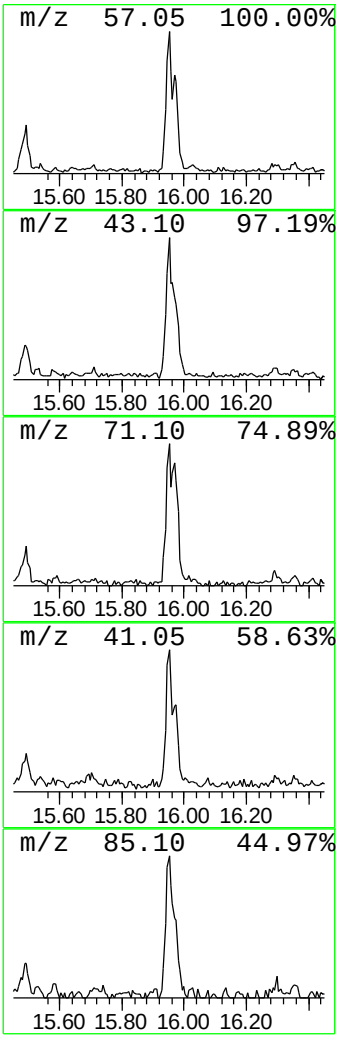
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	5.64 ng/ul	377050	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
3	Tridecane	184	C13H28	000629-50-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	87





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Misc :
ALS Vial : 28 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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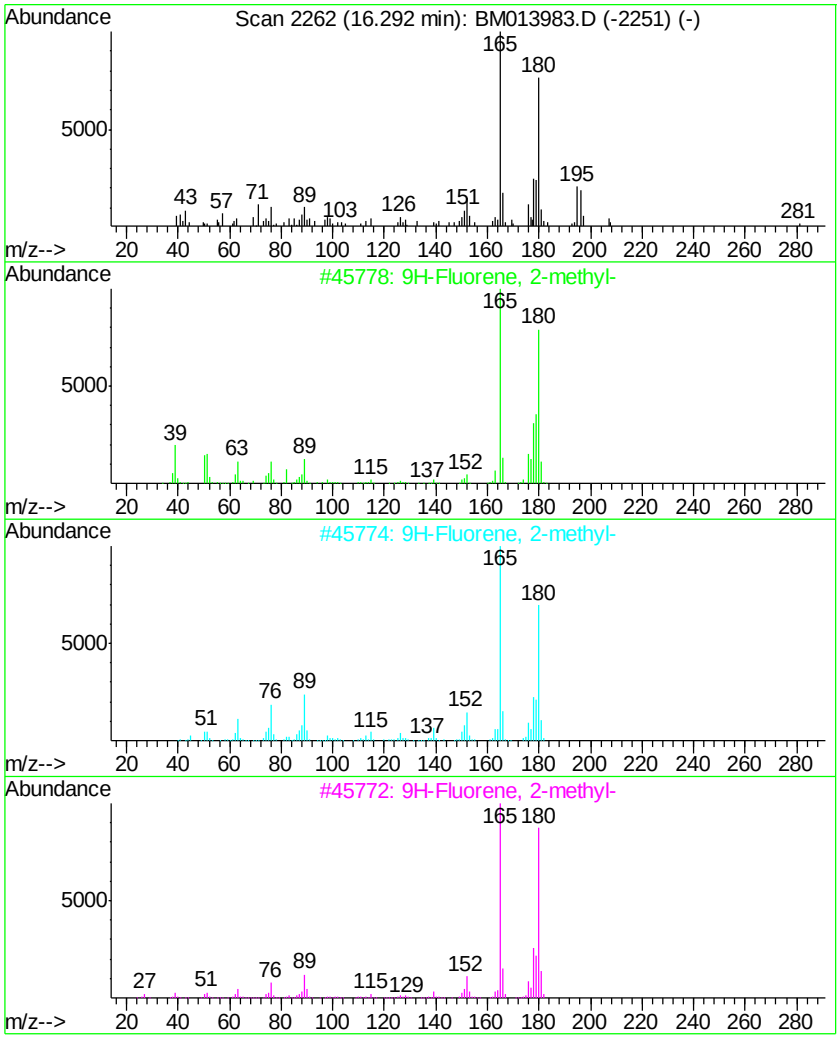
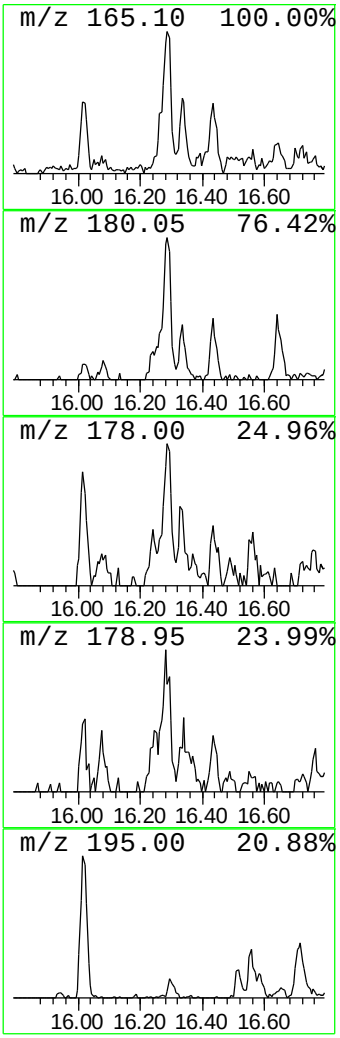
Peak Number 16 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	3.62 ng/ul	241679	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76





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ALS Vial : 28 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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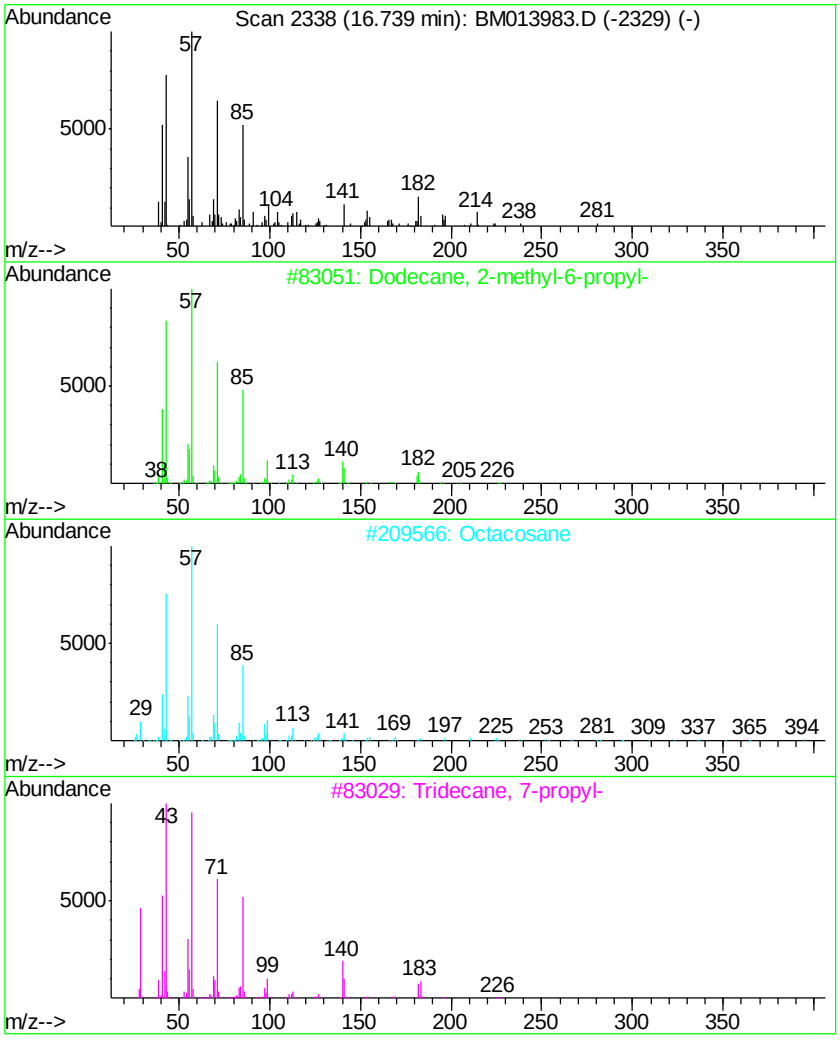
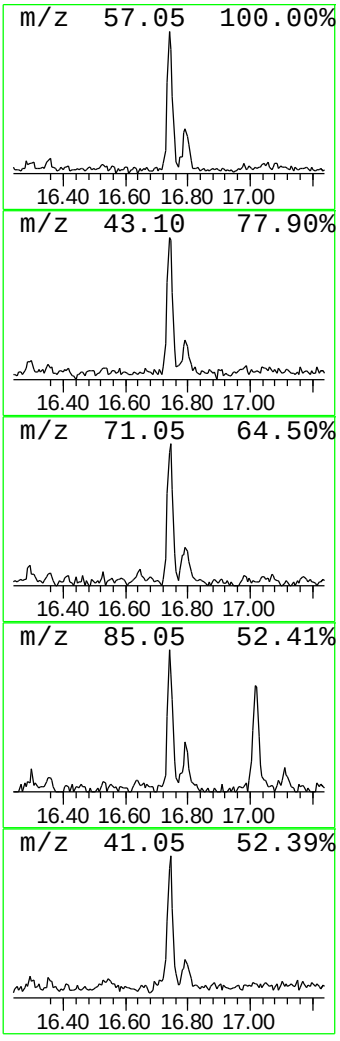
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.47 ng/ul	365281	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Octacosane	394	C28H58	000630-02-4	72
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68





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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

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Quant Title : SVOA CALIBRATION

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

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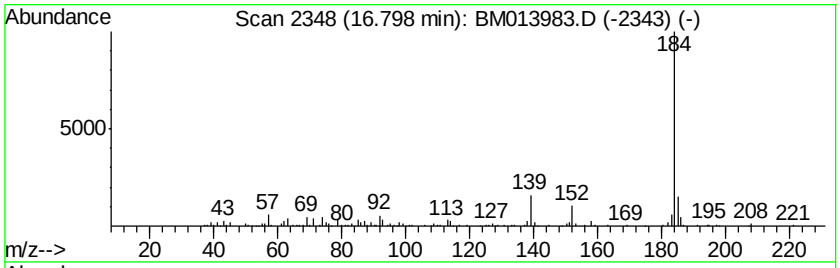
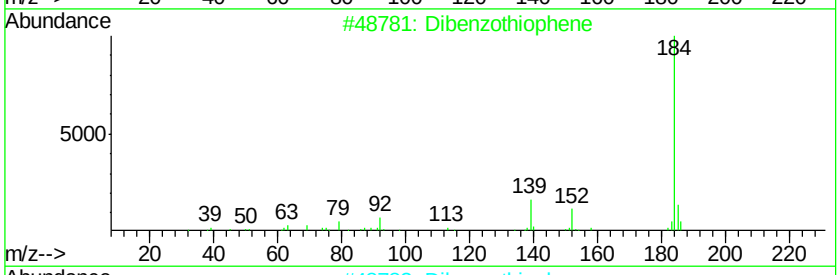
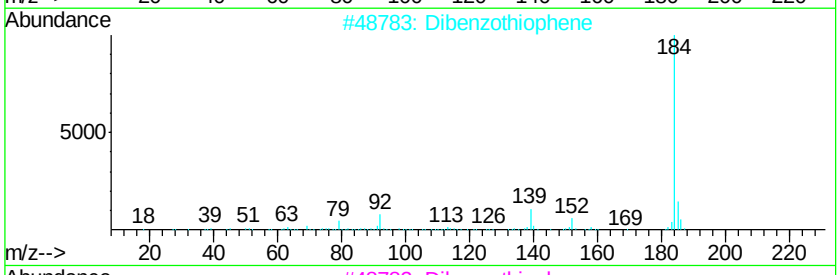
Peak Number 18 Dibenzothiophene Concentration Rank 4

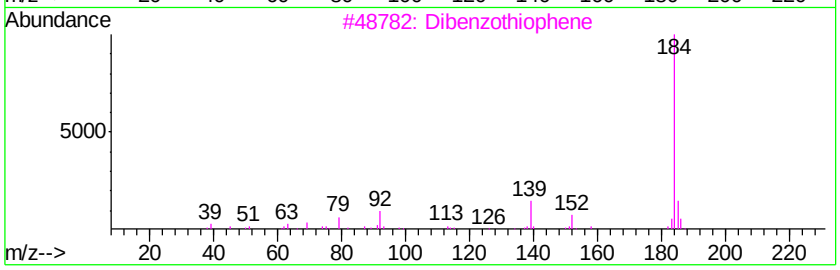
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	5.90 ng/ul	394595	Phenanthrene-d10	16.97

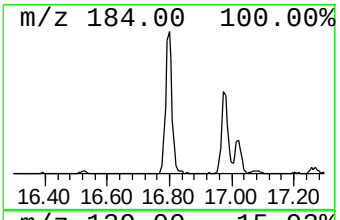
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91

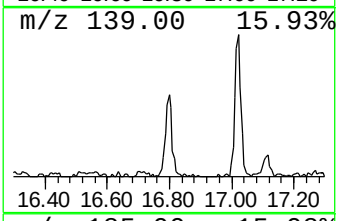


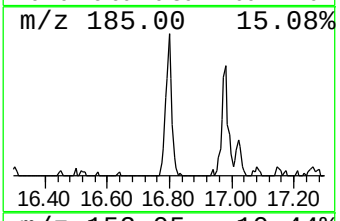


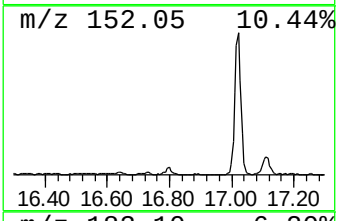


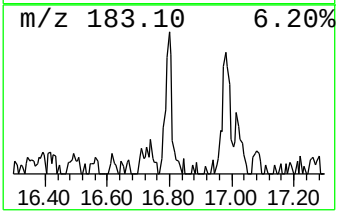












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Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

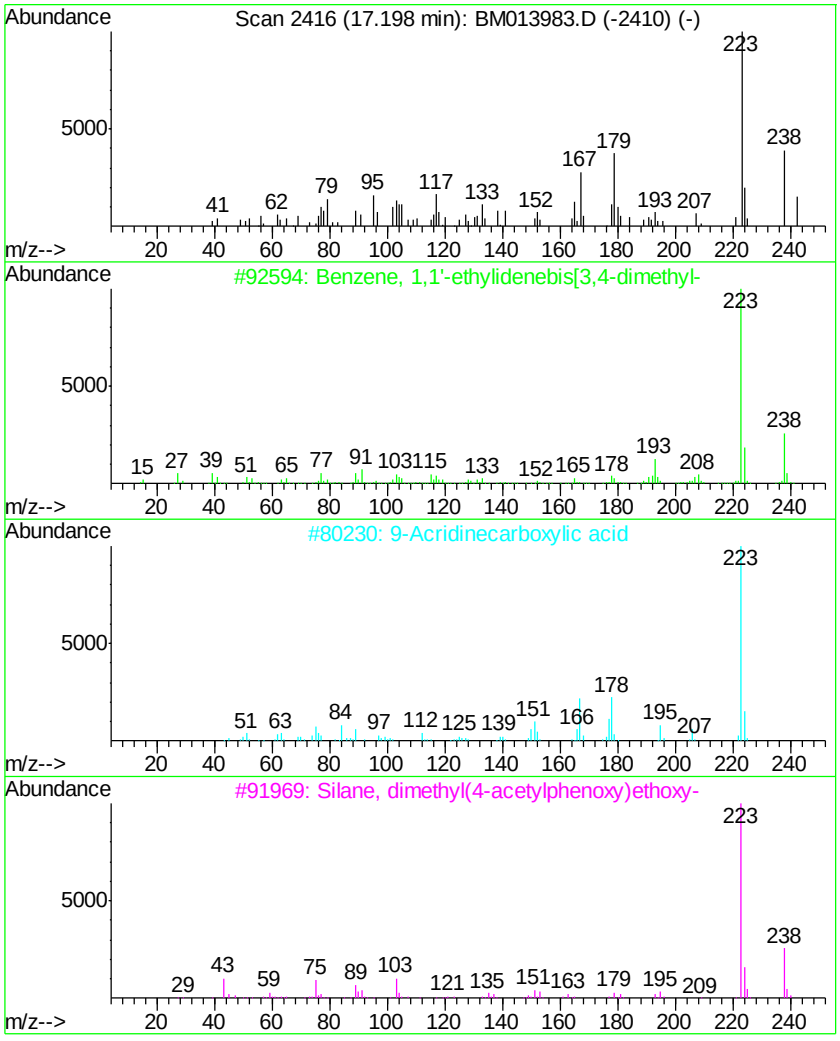
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

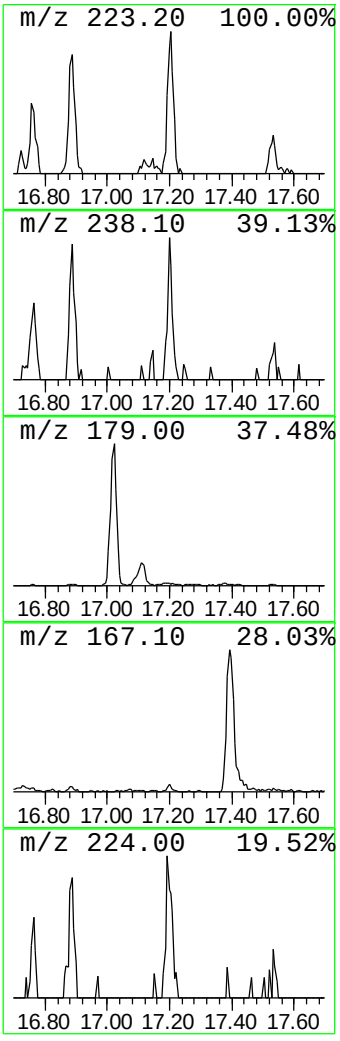
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,1'-ethylidenebis... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.39 ng/ul	159752	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis[3,4-...	238	C18H22	001742-14-9	58
2	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	55
3	Silane, dimethyl(4-acetylphenoxy...	238	C12H18O3Si	1000347-30-7	53
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	53
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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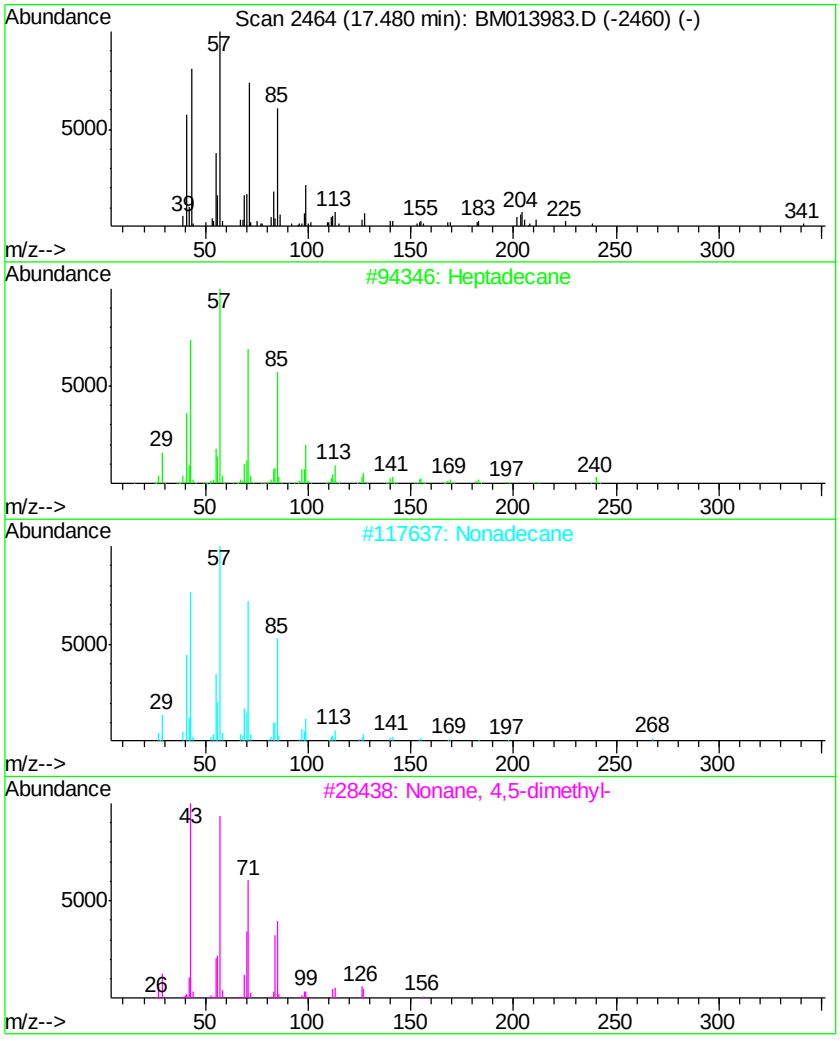
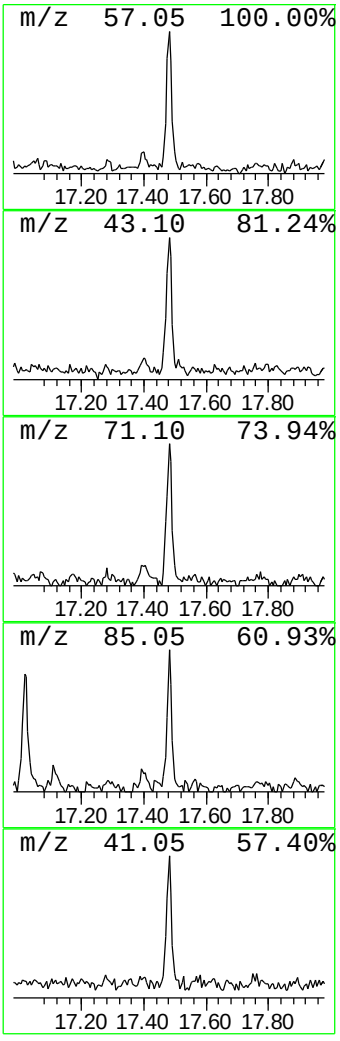
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.48	2.76 ng/ul	184347	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	80
2	Nonadecane	268	C19H40	000629-92-5	72
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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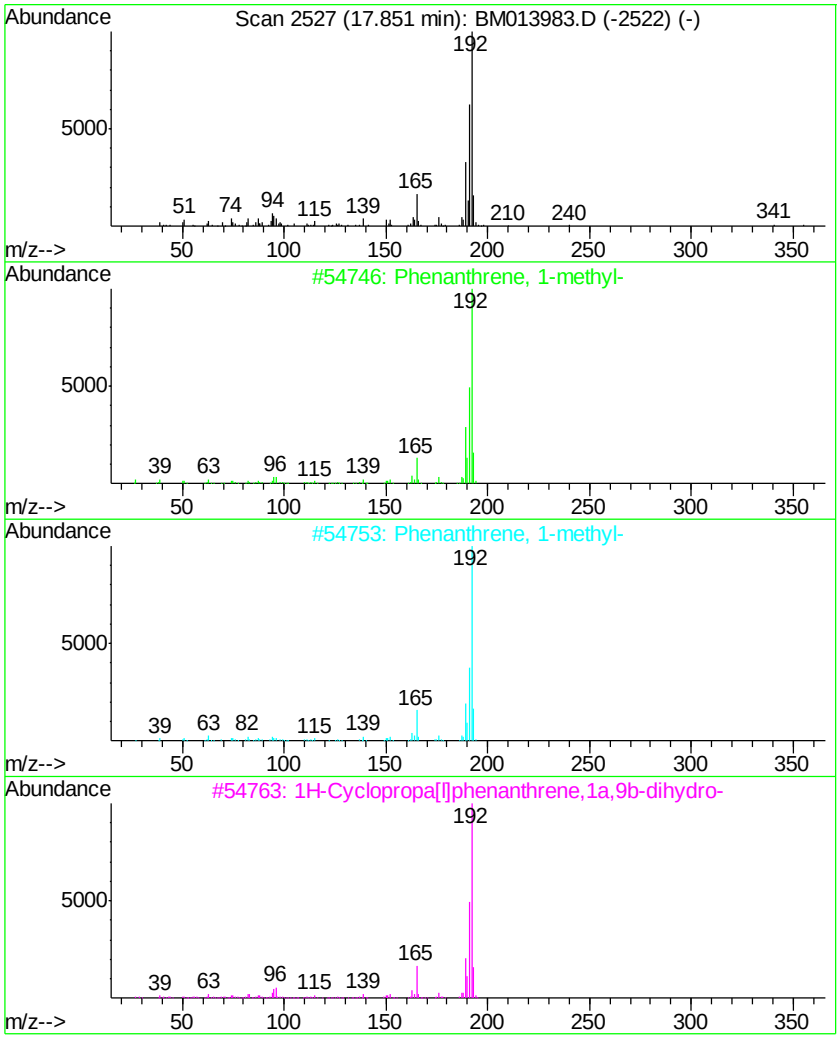
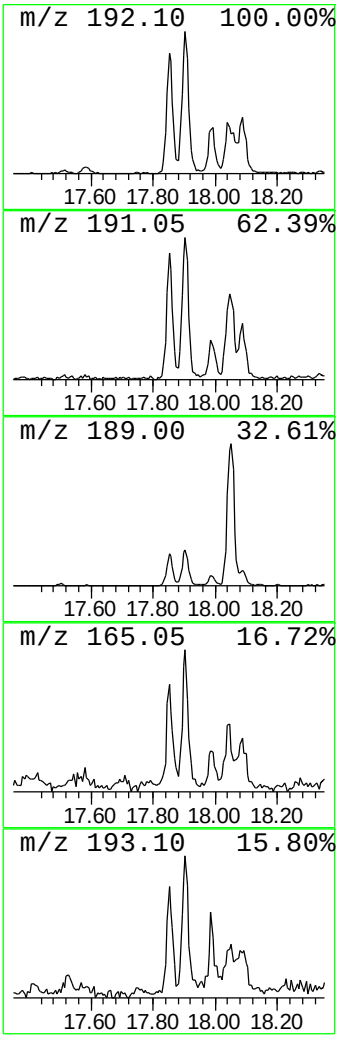
Peak Number 21 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	4.95 ng/ul	331084	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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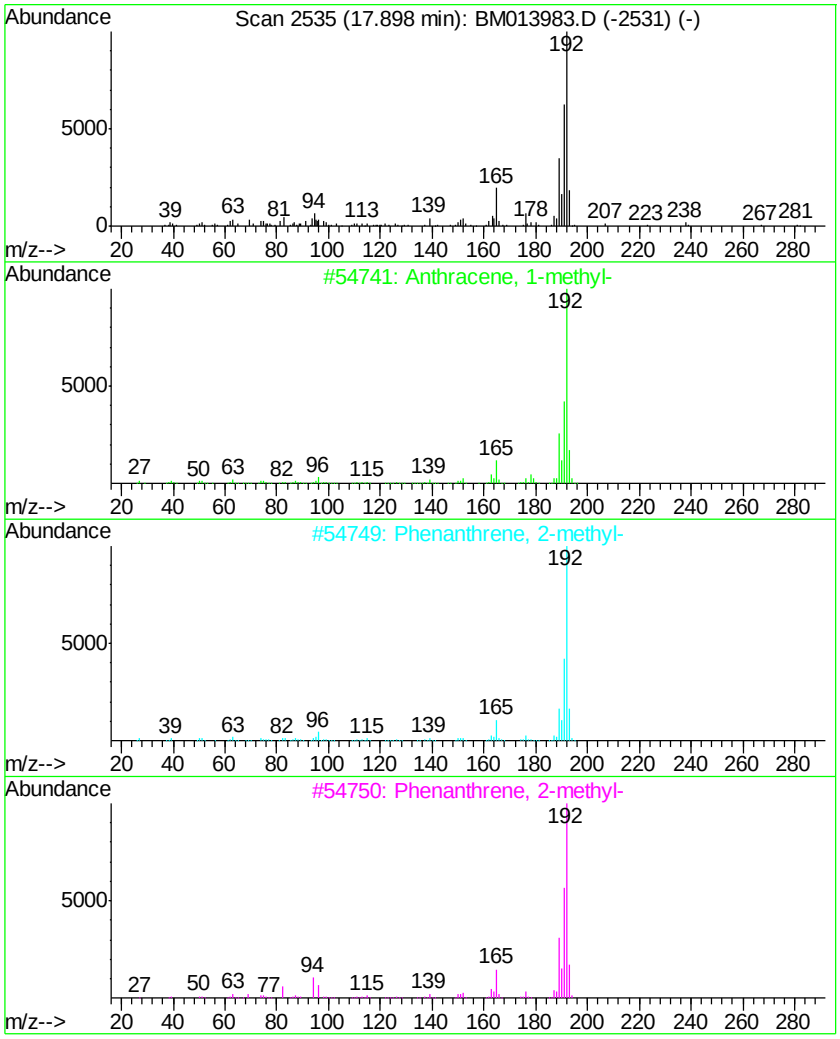
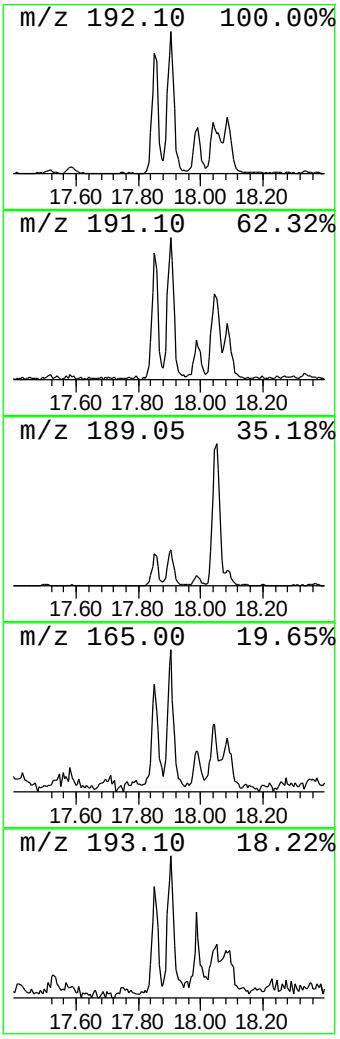
Peak Number 22 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	6.80 ng/ul	454598	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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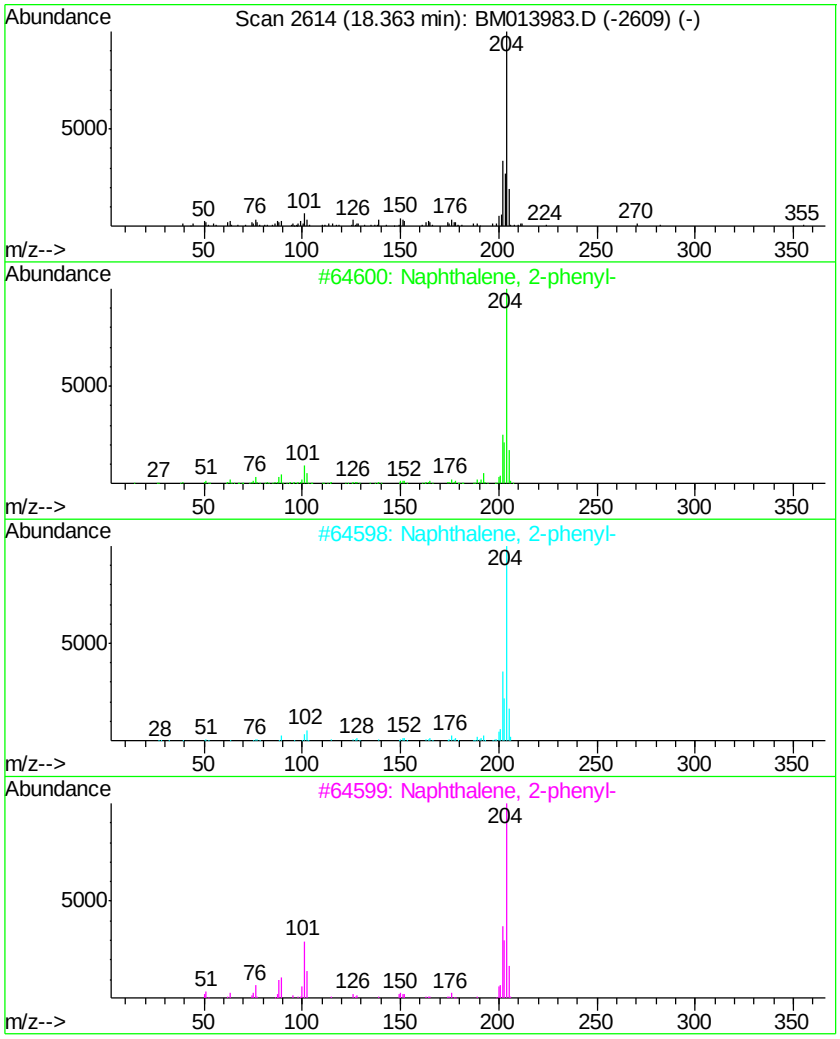
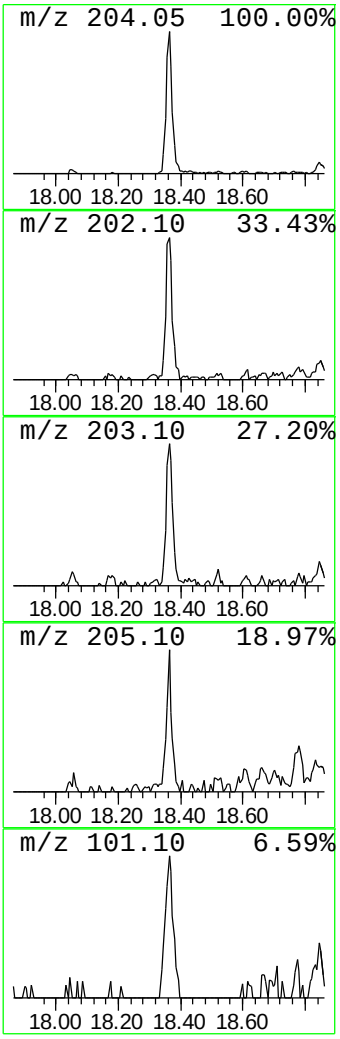
Peak Number 25 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.75 ng/ul	250496	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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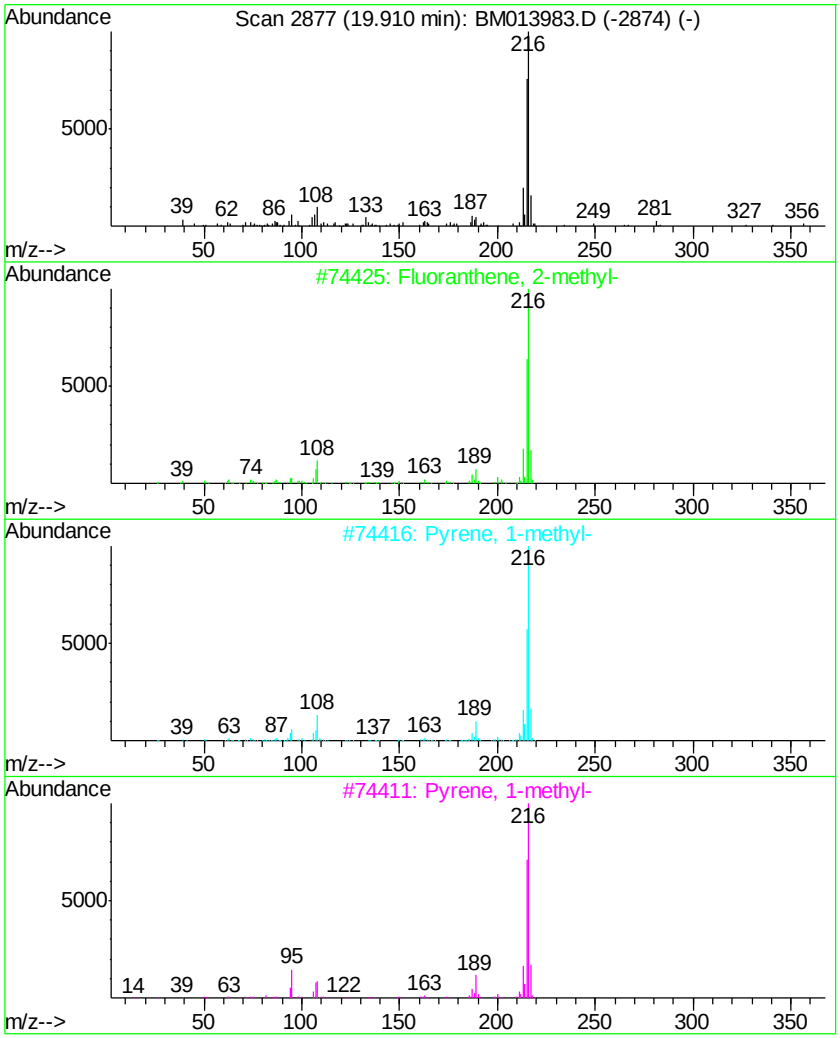
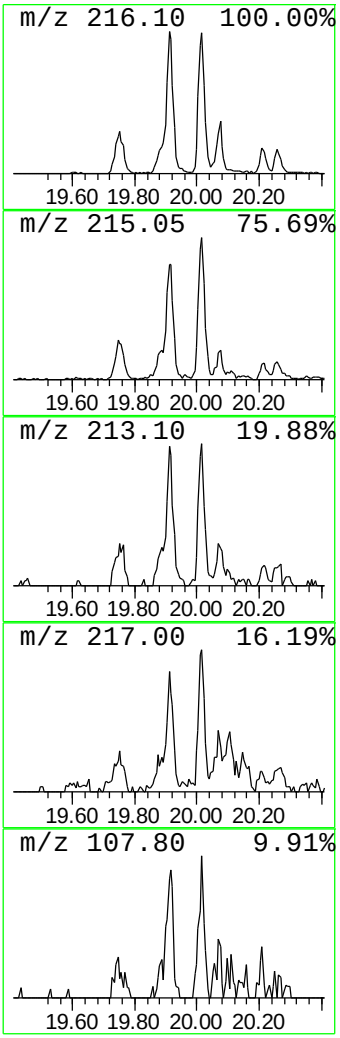
Peak Number 26 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.78 ng/ul	321161	Chrysene-d12	21.18

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

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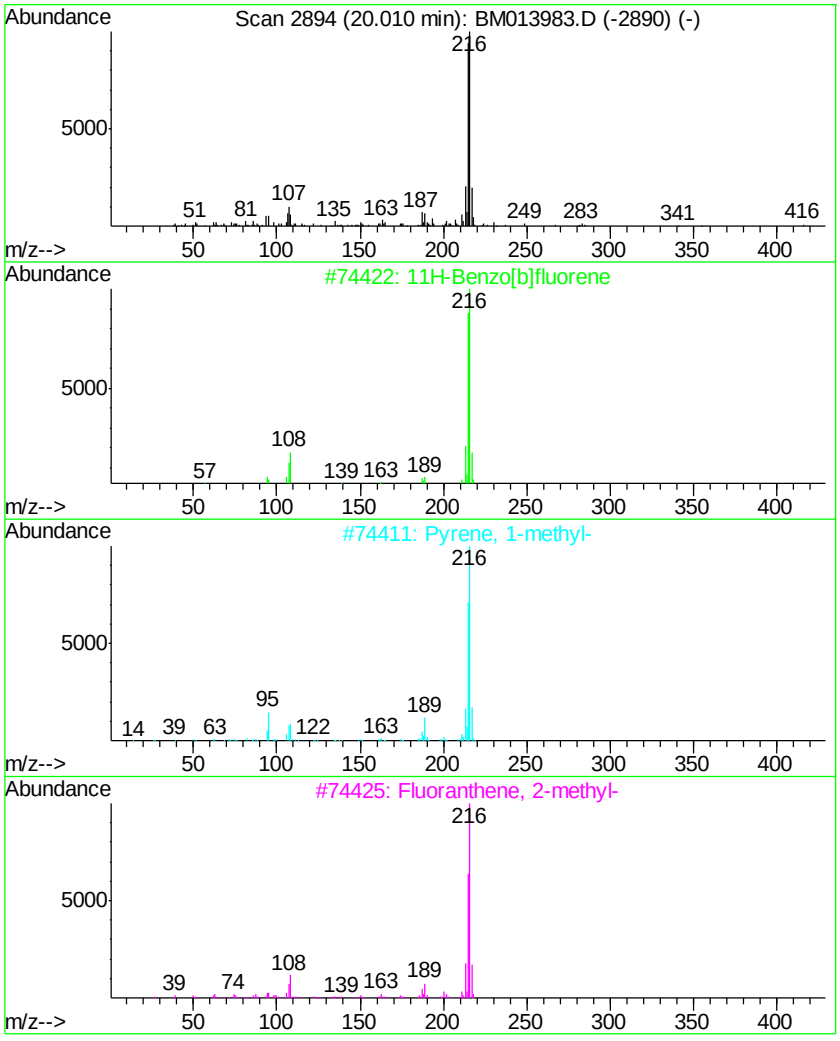
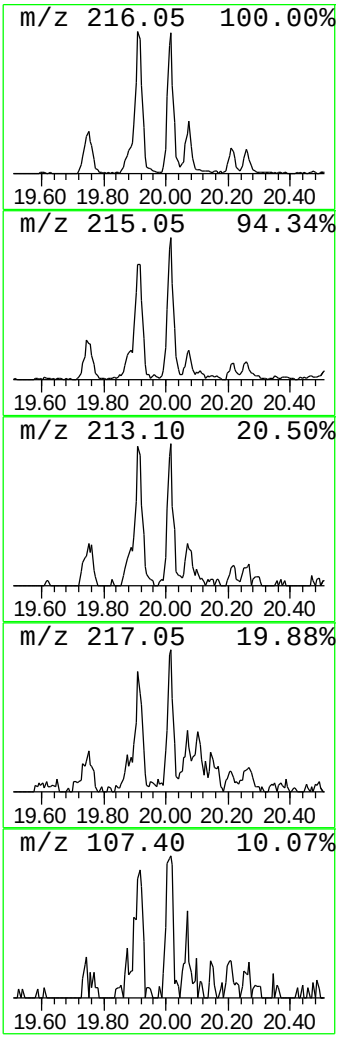
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.40 ng/ul	277379	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013983.D
Acq On : 30 Jan 2018 06:16
Operator : SJ/JU
Sample : J1243-12DL 30X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B35DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
Benzene, 1-propynyl-	8.10	2.4	ng/ul	63973	1	7.57	534460	20.0
Benzo[b]thiophene	10.51	2.0	ng/ul	83576	2	10.34	835167	20.0
Naphthalene, 1-me...	12.23	22.7	ng/ul	949467	2	10.34	835167	20.0
Naphthalene, 1-et...	13.25	2.5	ng/ul	201115	3	14.22	1582540	20.0
Naphthalene, 1,6-...	13.37	2.4	ng/ul	189216	3	14.22	1582540	20.0
Naphthalene, 2,3-...	13.54	4.6	ng/ul	363516	3	14.22	1582540	20.0
(DEL) Alkane: Str...	14.13	2.3	ng/ul	184584	3	14.22	1582540	20.0
(DEL) Alkane: Str...	15.08	2.6	ng/ul	209157	3	14.22	1582540	20.0
Diphenylmethane	15.44	2.6	ng/ul	203517	3	14.22	1582540	20.0
Dibenzofuran, 4-m...	15.57	3.4	ng/ul	268765	3	14.22	1582540	20.0
(4-Acetylphenyl)p...	15.69	5.7	ng/ul	379093	4	16.97	1336650	20.0
9H-Xanthene	15.72	4.4	ng/ul	291983	4	16.97	1336650	20.0
(DEL) Alkane: Str...	15.95	5.6	ng/ul	377050	4	16.97	1336650	20.0
9H-Fluorene, 2-me...	16.29	3.6	ng/ul	241679	4	16.97	1336650	20.0
(DEL) Alkane: Str...	16.74	5.5	ng/ul	365281	4	16.97	1336650	20.0
Dibenzothiophene	16.80	5.9	ng/ul	394595	4	16.97	1336650	20.0
Benzene, 1,1'-eth...	17.20	2.4	ng/ul	159752	4	16.97	1336650	20.0
(DEL) Alkane: Str...	17.48	2.8	ng/ul	184347	4	16.97	1336650	20.0
Phenanthrene, 1-m...	17.85	5.0	ng/ul	331084	4	16.97	1336650	20.0
Anthracene, 1-met...	17.90	6.8	ng/ul	454598	4	16.97	1336650	20.0
Naphthalene, 2-ph...	18.36	3.8	ng/ul	250496	4	16.97	1336650	20.0
Fluoranthene, 2-m...	19.91	2.8	ng/ul	321161	5	21.18	2311530	20.0
11H-Benzo[b]fluorene	20.01	2.4	ng/ul	277379	5	21.18	2311530	20.0