LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

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-BM113017.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	8.040	835	842	850	rBV	4810172	7603290	1.66%	0.236%
2	8.204	864	870	881	rVB	7028564	11179460	2.44%	0.347%
3	9.857	1138	1151	1162	rBV3	2777110	8678526	1.89%	0.270%
4	10.592	1254	1276	1280	rVV2	91827407	356498005	77.74%	11.078%
5	10.657	1282	1287	1293	rVB	9954217	14577809	3.18%	0.453%
6	12.163	1526	1543	1548	rBV3	63817691	145038915	31.63%	4.507%
7	12.375	1565	1579	1584	rVB2	41846864	78085323	17.03%	2.426%
8	13.157	1705	1712	1718	rVB	22312910	35311860	7.70%	1.097%
9	13.351	1739	1745	1755	rVB	9564203	18442866	4.02%	0.573%
10	13.492	1759	1769	1770	rBV	13880826	23606398	5.15%	0.734%
11	13.510	1770	1772	1778	rVB	15958666	18365581	4.00%	0.571%
12	13.657	1788	1797	1801	rBV	22175761	43637745	9.52%	1.356%
13	13.710	1801	1806	1810	rVV	16668381	21905282	4.78%	0.681%
14	13.886	1827	1836	1839	rBV	11118771	17518748	3.82%	0.544%
15	14.016	1853	1858	1860	rBV	3879900	5640224	1.23%	0.175%
16	14.051	1860	1864	1871	rVB	14216109	20057837	4.37%	0.623%
17	14.328	1905	1911	1916	rBV	13126461	18629881	4.06%	0.579%
18	14.428	1916	1928	1932	rVV3	75843321	166723220	36.35%	5.181%
19	14.480	1932	1937	1941	rVB	3429712	5511217	1.20%	0.171%
20	14.539	1941	1947	1957	rBV2	4254939	12467702	2.72%	0.387%
21	14.639	1957	1964	1969	rBV2	5835091	10157965	2.21%	0.316%
22	14.763	1975	1985	1989	rVV3	50012315	116561202	25.42%	3.622%
23	14.810	1989	1993	1997	rVB	7118805	8898207	1.94%	0.277%
24	14.951	2009	2017	2021	rBV2	5596222	10522069	2.29%	0.327%
25	15.004	2021	2026	2030	rVB	6358894	8222672	1.79%	0.256%
26	15.122	2037	2046	2049	rBV	4541292	9711541	2.12%	0.302%
27	15.192	2054	2058	2068	rVB3	3017869	5779973	1.26%	0.180%
28	15.286	2069	2074	2077	rBV2	2756004	4617026	1.01%	0.143%
29	15.327	2077	2081	2086	rVV4	6690497	12594426	2.75%	0.391%
30	15.422	2086	2097	2101	rVV2	69665248	170449033	37.17%	5.297%
31	15.486	2103	2108	2110	rVV	5039374	7538266	1.64%	0.234%
32	15.516	2110	2113	2116	rVV	8852525	13452750	2.93%	0.418%
33	15.551	2116	2119	2123	rVV2	15324228	22355846	4.87%	0.695%
34	15.598	2123	2127	2130	rVV3	5253120	8579887	1.87%	0.267%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

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-BM113017.M
Title : SVOA CALIBRATION

35	15.639	2130	2134	2137	rVV	7157377	11115474	2.42%	0.345%
36	15.686	2137	2142	2151	rVB	18433404	28446430	6.20%	0.884%
37	15.798	2156	2161	2162	rVV2	3964236	5225746	1.14%	0.162%
38	15.833	2162	2167	2173	rVV	17779690	36908494	8.05%	1.147%
39	15.916	2178	2181	2186	rVB	3882712	5454949	1.19%	0.170%
40	16.039	2196	2202	2212	rVB4	5925279	14819730	3.23%	0.461%
41	16.174	2218	2225	2231	rBV3	8540723	14402218	3.14%	0.448%
42	16.392	2249	2262	2266	rBV2	14617739	32508877	7.09%	1.010%
43	16.439	2266	2270	2275	rVV2	6282291	8962879	1.95%	0.279%
44	16.539	2283	2287	2291	rVB	6247613	8679066	1.89%	0.270%
45	16.622	2297	2301	2303	rVV	3687689	5622095	1.23%	0.175%
46	16.657	2304	2307	2311	rVB	4077577	5757311	1.26%	0.179%
47	16.827	2330	2336	2343	rVV4	6978574	19023459	4.15%	0.591%
48	16.910	2343	2350	2365	rVB	24801205	45325853	9.88%	1.408%
49	17.210	2380	2401	2403	rBV4	121282205	458603318	100.00%	14.251%
50	17.227	2403	2404	2406	rVV	9919872	9692469	2.11%	0.301%
51	17.263	2406	2410	2414	rVV2	50776449	74196296	16.18%	2.306%
52	17.292	2414	2415	2419	rVV	5265877	5630488	1.23%	0.175%
53	17.510	2444	2452	2461	rBV	20697491	38940932	8.49%	1.210%
54	17.604	2465	2468	2472	rVV	4701783	6823814	1.49%	0.212%
55	17.663	2474	2478	2487	rVB3	4245457	9053116	1.97%	0.281%
56	17.804	2497	2502	2512	rBV	3576452	7205428	1.57%	0.224%
57	17.968	2519	2530	2534	rBV	24740935	42018250	9.16%	1.306%
58	18.021	2534	2539	2544	rVB	34647590	50052449	10.91%	1.555%
59	18.104	2545	2553	2558	rBV	11352423	20017665	4.36%	0.622%
60	18.174	2558	2565	2569	rVV2	40208957	80411311	17.53%	2.499%
61	18.204	2569	2570	2574	rVV	15771222	12077949	2.63%	0.375%
62	18.268	2576	2581	2584	rVV2	3748979	5187378	1.13%	0.161%
63	18.463	2609	2614	2619	rVV	16649837	23528531	5.13%	0.731%
64	18.704	2647	2655	2659	rBV	4015136	6623975	1.44%	0.206%
65	18.757	2660	2664	2667	rVV	4116711	5437173	1.19%	0.169%
66	18.798	2667	2671	2676	rVB2	3337321	4633535	1.01%	0.144%
67	18.880	2678	2685	2689	rBV	7573476	14305421	3.12%	0.445%
68	18.945	2693	2696	2705	rVV2	4480280	9976011	2.18%	0.310%
69	19.045	2706	2713	2719	rVB5	1692354	4741389	1.03%	0.147%
70	19.192	2725	2738	2742	rBV3	75550849	201937553	44.03%	6.275%
71	19.304	2753	2757	2761	rVB	3614653	4663860	1.02%	0.145%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

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-BM113017.M
Title : SVOA CALIBRATION

72	19.398	2768	2773	2777	rBV	3668146	4770764	1.04%	0.148%
73	19.527	2784	2795	2797	rBV4	56313754	121193039	26.43%	3.766%
74	19.586	2802	2805	2812	rVB3	6198778	8525630	1.86%	0.265%
75	19.692	2818	2823	2829	rVB	5660629	8336773	1.82%	0.259%
76	19.839	2841	2848	2849	rBV	5327595	10282628	2.24%	0.320%
77	20.015	2866	2878	2882	rVB	20366659	38859062	8.47%	1.208%
78	20.115	2889	2895	2899	rBV2	20524859	29247408	6.38%	0.909%
79	20.168	2899	2904	2908	rVV2	6893085	13112238	2.86%	0.407%
80	20.309	2923	2928	2931	rVV	3712474	5456335	1.19%	0.170%
81	20.351	2931	2935	2944	rVB	4792501	7597677	1.66%	0.236%
82	20.921	3027	3032	3035	rBV	5601377	7493133	1.63%	0.233%
83	20.956	3035	3038	3041	rVV	5686109	6681433	1.46%	0.208%
84	20.998	3041	3045	3049	rVB2	3093762	4933883	1.08%	0.153%
85	21.268	3082	3091	3095	rVV2	31502268	52113665	11.36%	1.619%
86	21.321	3095	3100	3108	rVB	25032474	34731762	7.57%	1.079%
87	21.427	3114	3118	3124	rBV	4577044	6540844	1.43%	0.203%
88	21.586	3140	3145	3149	rVB3	3152475	4929253	1.07%	0.153%
89	21.815	3178	3184	3188	rVV	3993032	7556741	1.65%	0.235%
90	22.845	3350	3359	3363	rBV	9467290	23133349	5.04%	0.719%
91	23.315	3432	3439	3443	rBV	4874220	9419359	2.05%	0.293%
92	23.415	3450	3456	3461	rVB	8802647	15726719	3.43%	0.489%
93	23.545	3474	3478	3486	rVB2	2537699	4906943	1.07%	0.152%
94	25.744	3841	3852	3861	rVB	3173524	9284426	2.02%	0.289%
95	26.427	3958	3968	3986	rVB	1856266	6367645	1.39%	0.198%

Sum of corrected areas: 3218132353

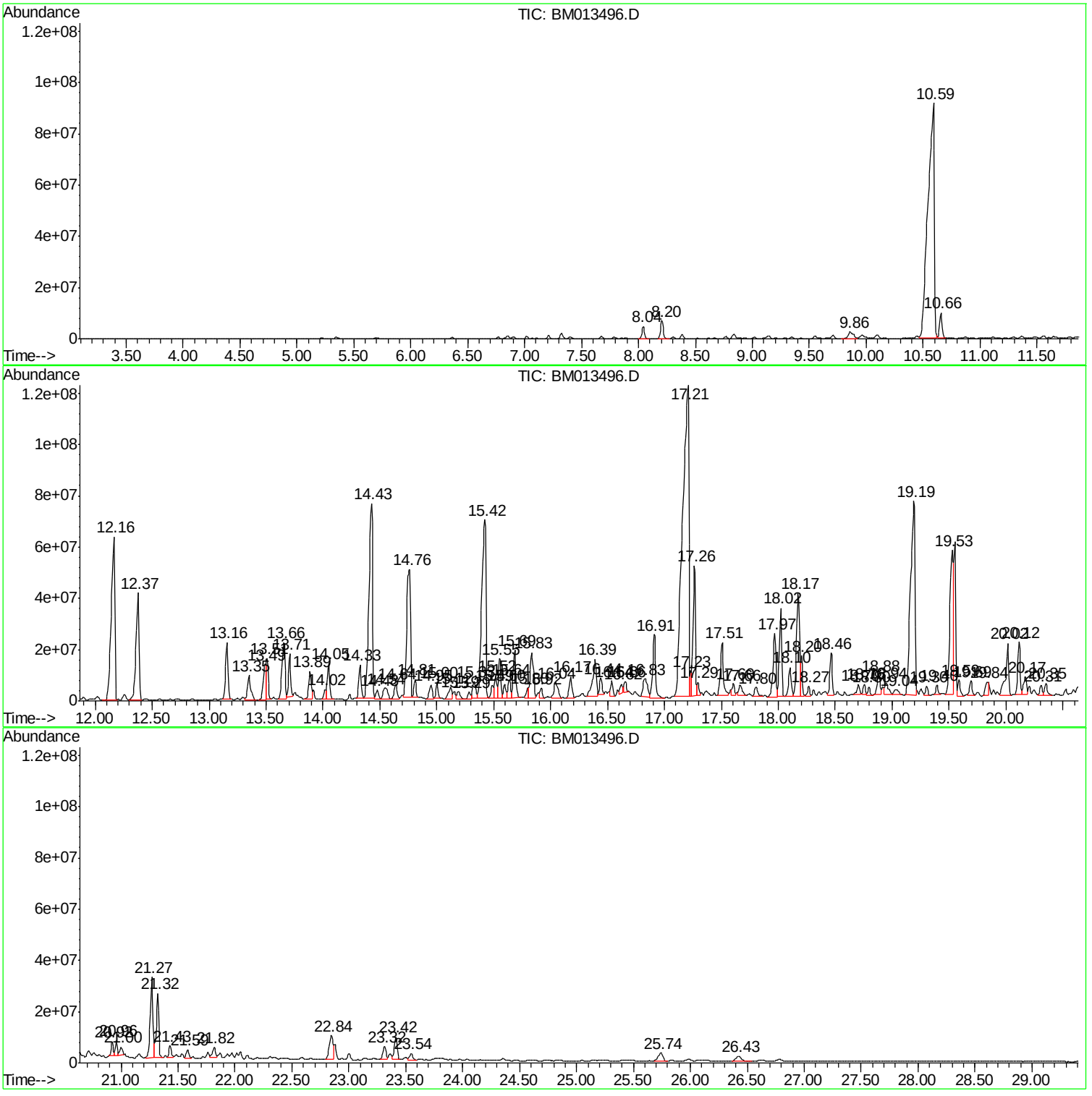
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

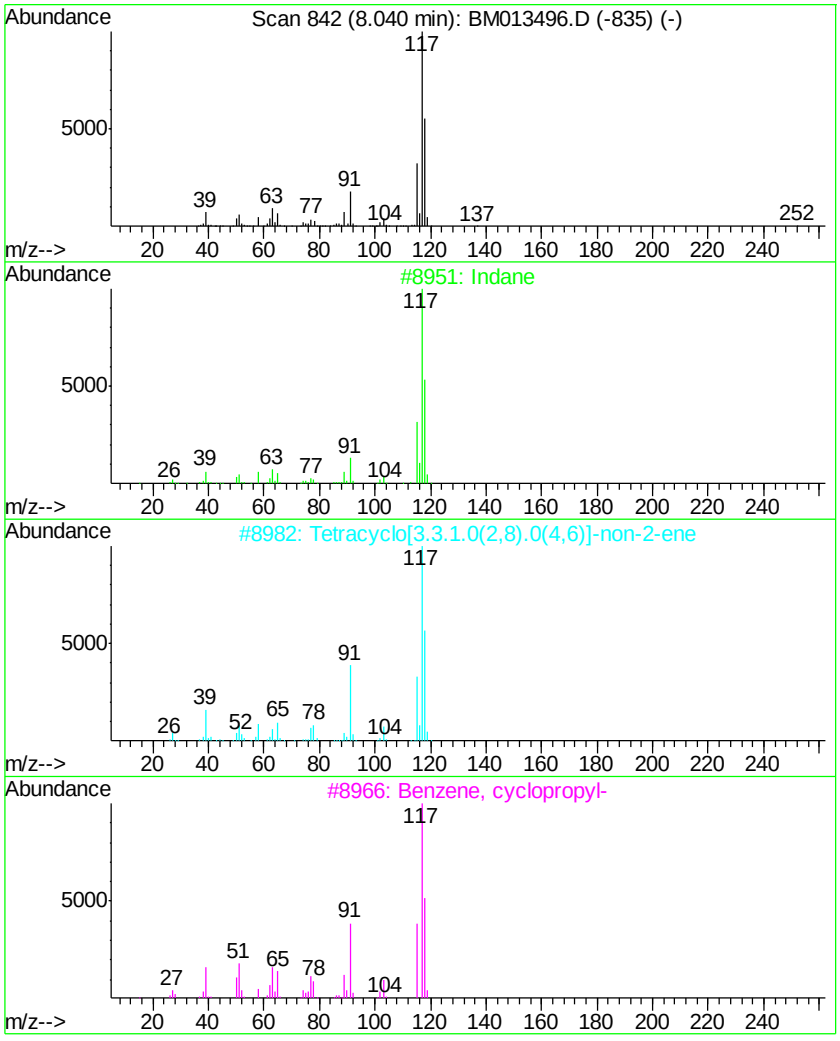
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

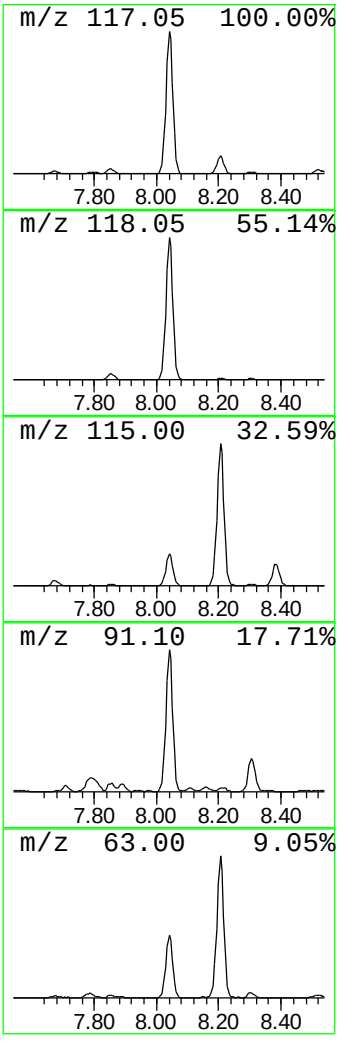
****

Peak Number 1 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	20.00 ng/ul	7603290	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Indane	118	C9H10	000496-11-7	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

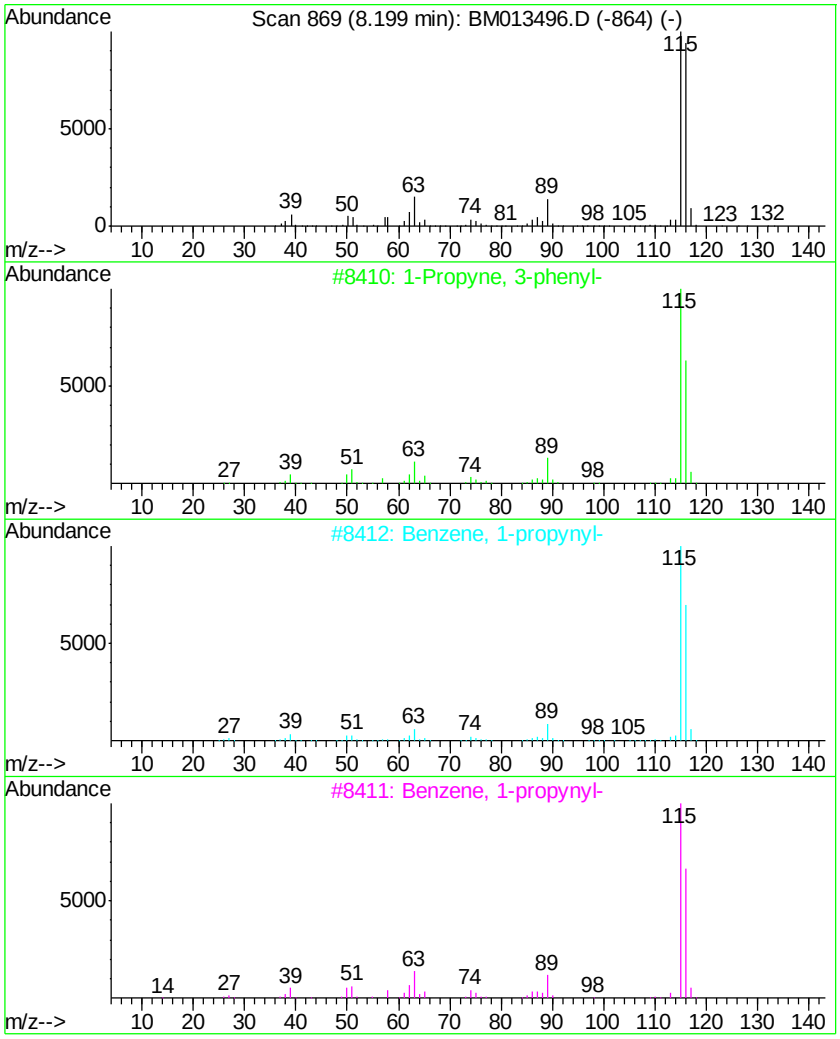
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

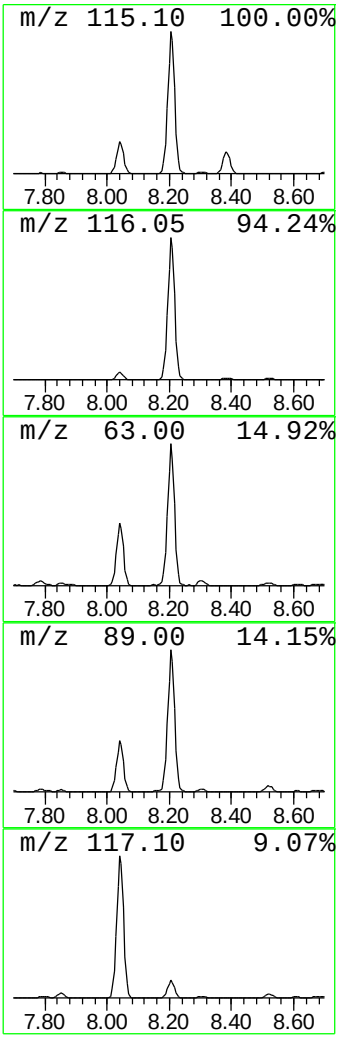
****

Peak Number 2 1-Propyne, 3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	29.41 ng/ul	11179500	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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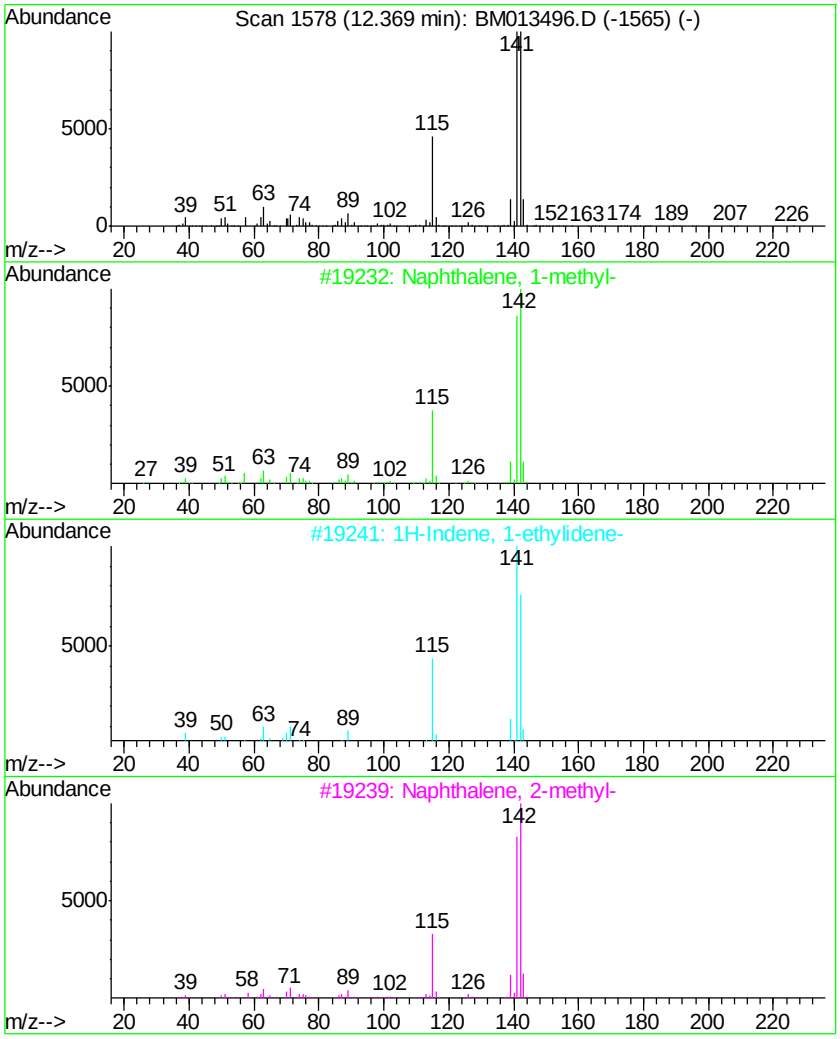
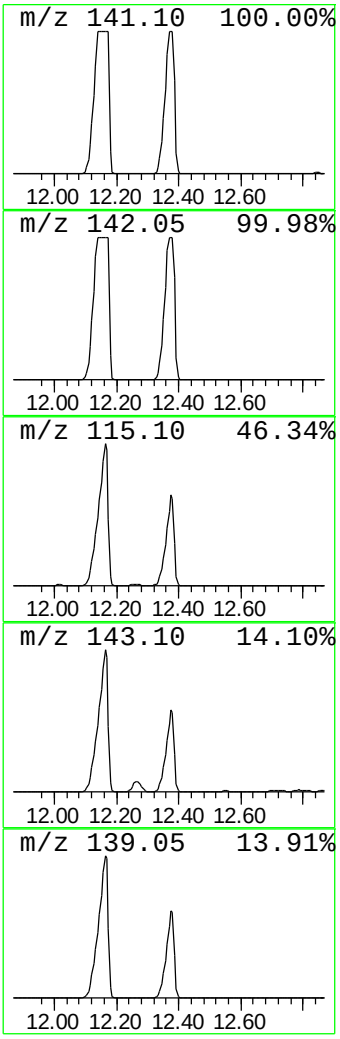
Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.38 ng/ul	78085300	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

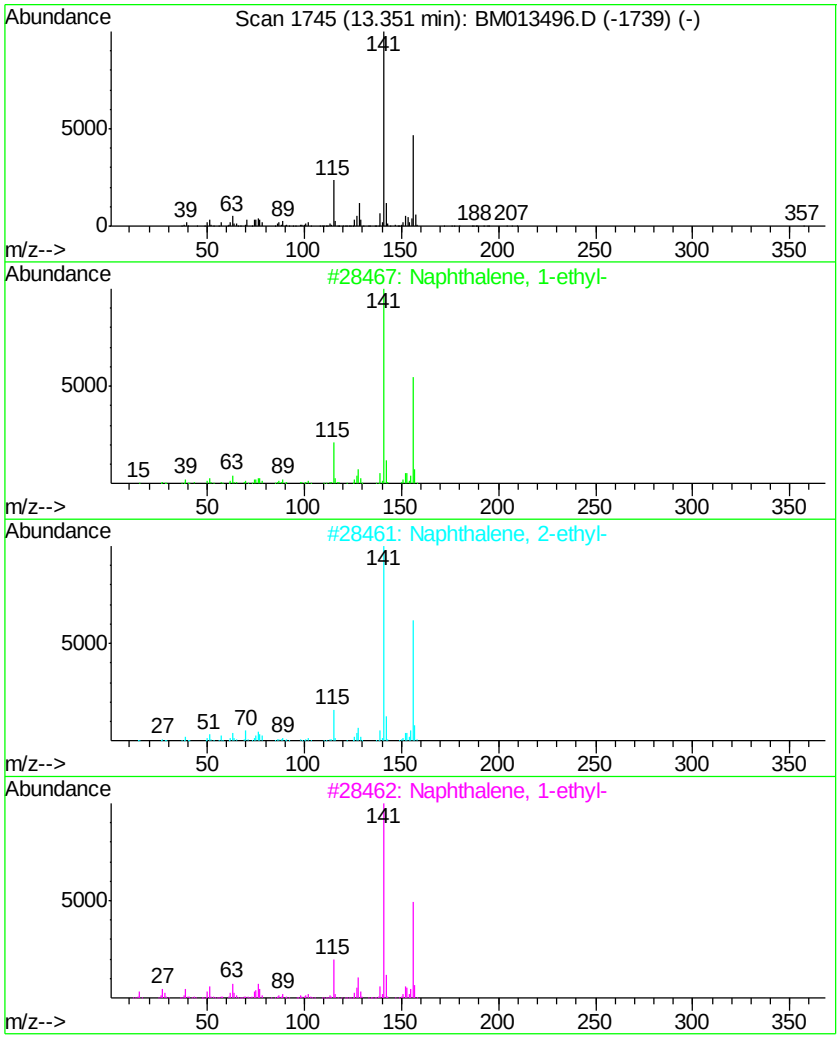
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

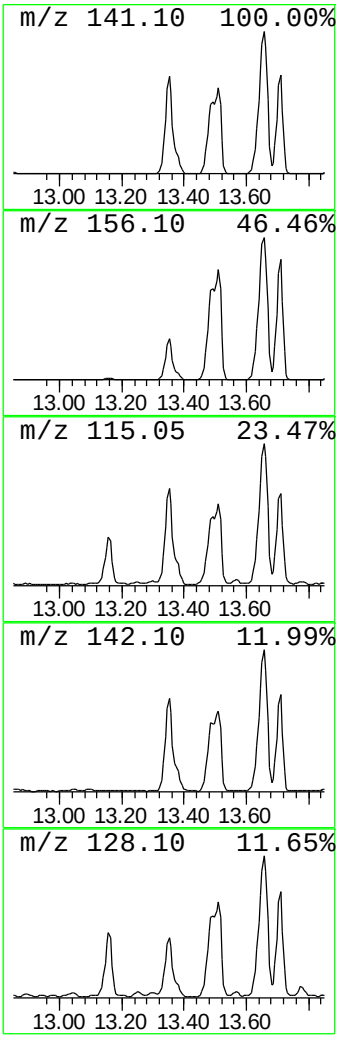
****

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	19.80 ng/ul	18442900	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

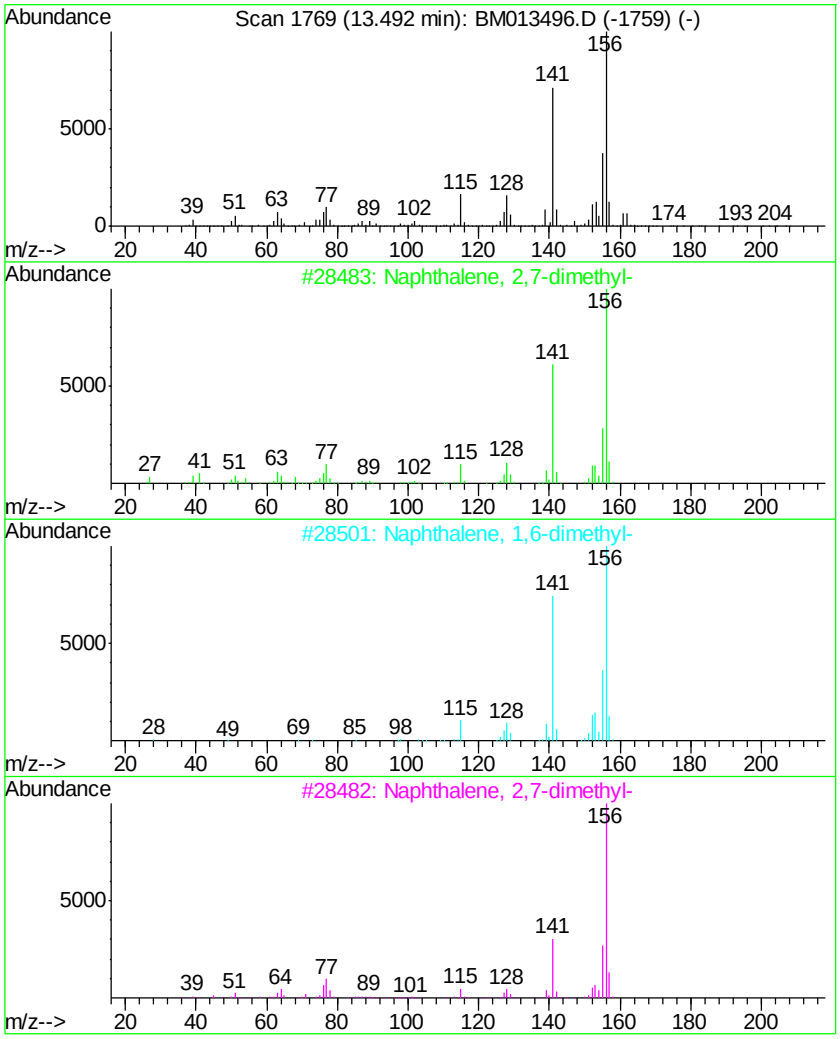
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

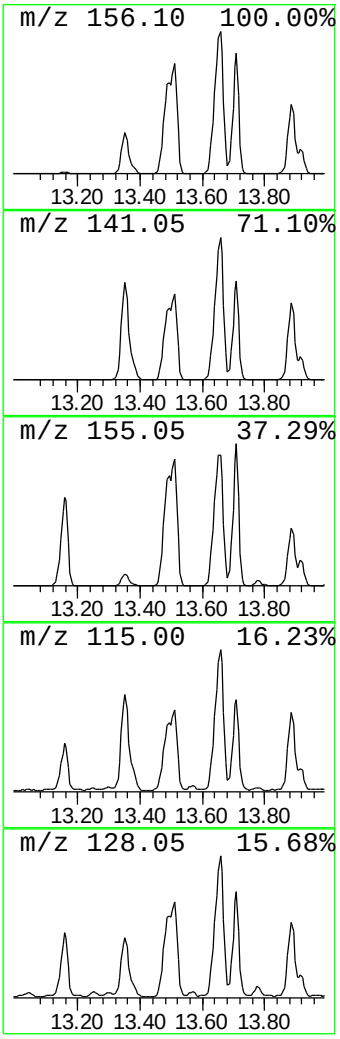
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	25.34 ng/ul	23606400	Acenaphthene-d10	14.33

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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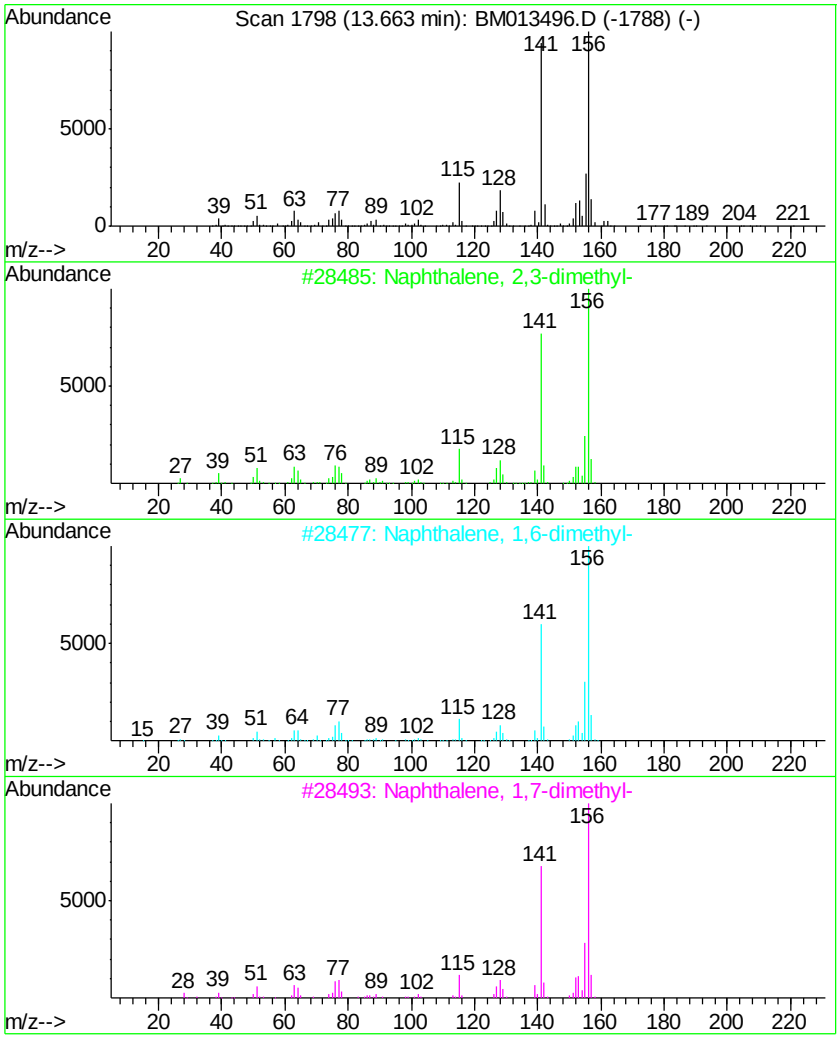
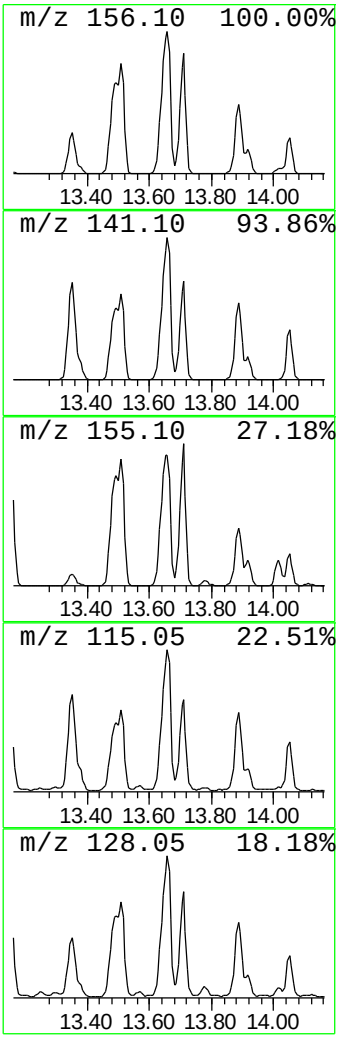
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	46.85 ng/ul	43637700	Acenaphthene-d10	14.33

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





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Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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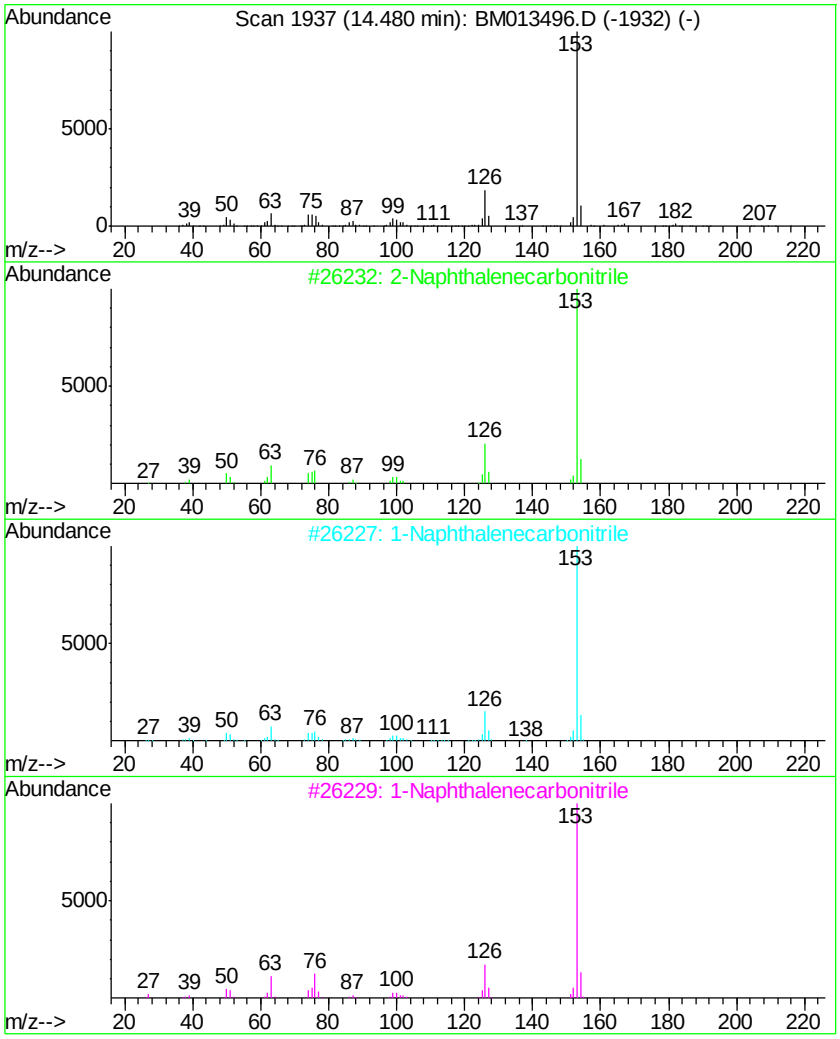
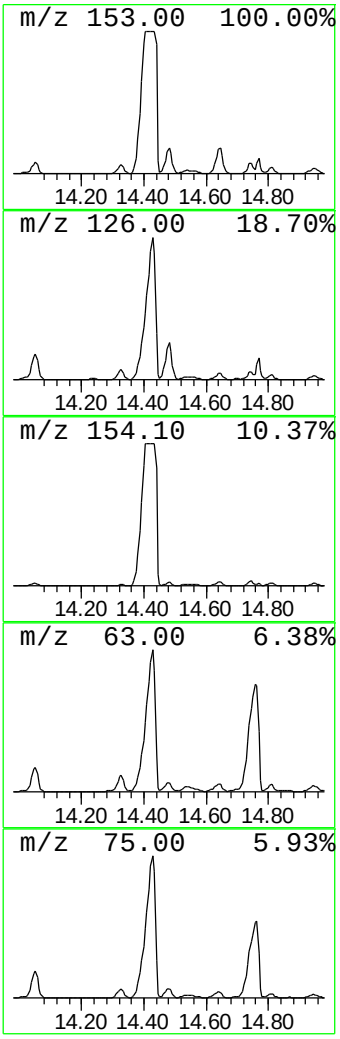
Peak Number 9 2-Naphthalenecarbonitrile Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.92 ng/ul	5511220	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	94
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87





Library Search Compound Report

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Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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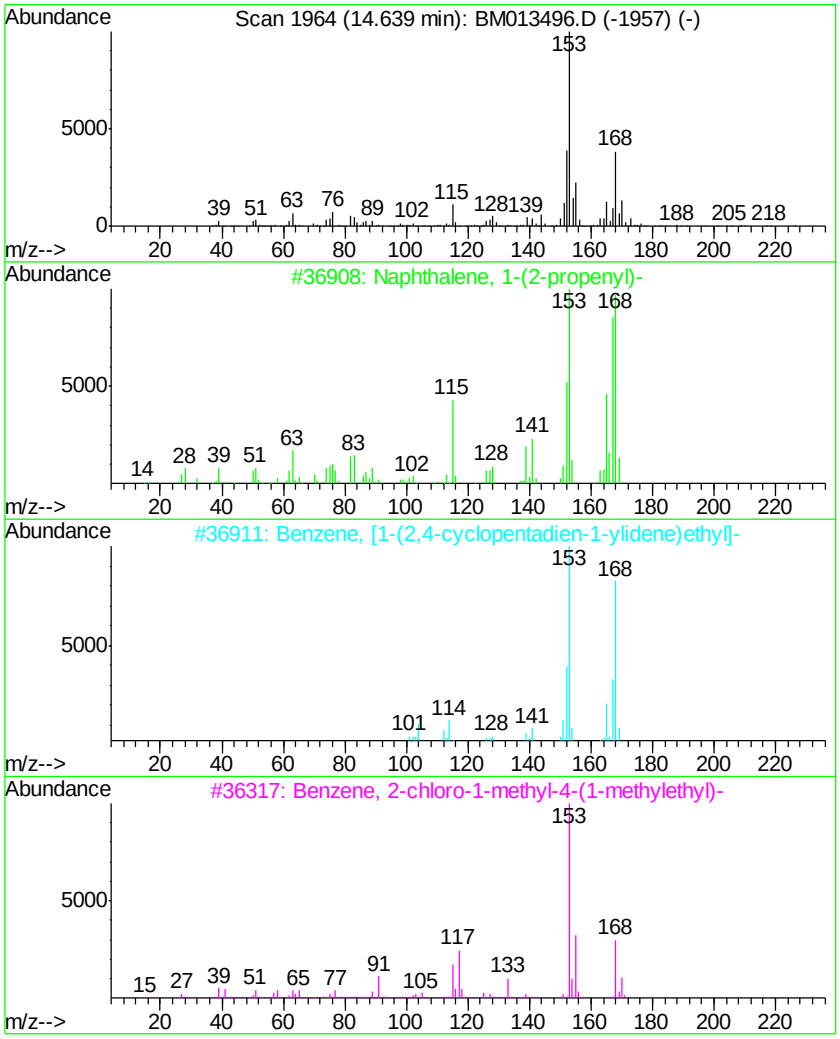
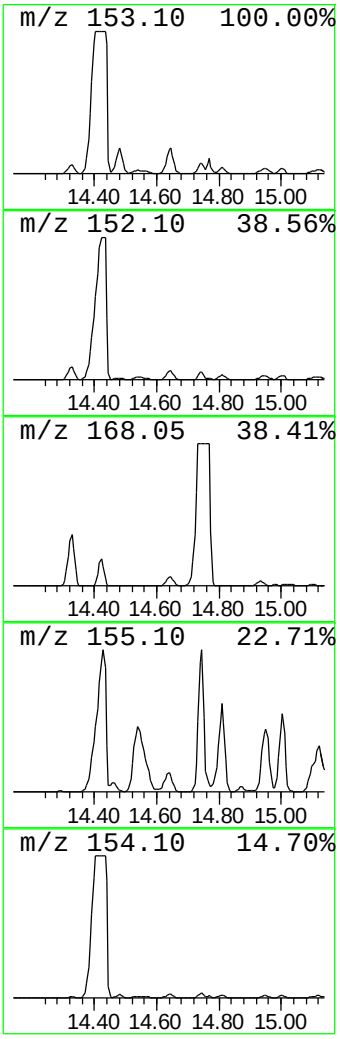
Peak Number 10 Naphthalene, 1-(2-propenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	10.91 ng/ul	10158000	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	59
3	Benzene, 2-chloro-1-methyl-4-(1-...	168	C10H13Cl	004395-79-3	50
4	4-Hydroxy-1,2,5-trimethyl-4-pipe...	168	C9H16N2O	051871-79-5	47
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	47





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Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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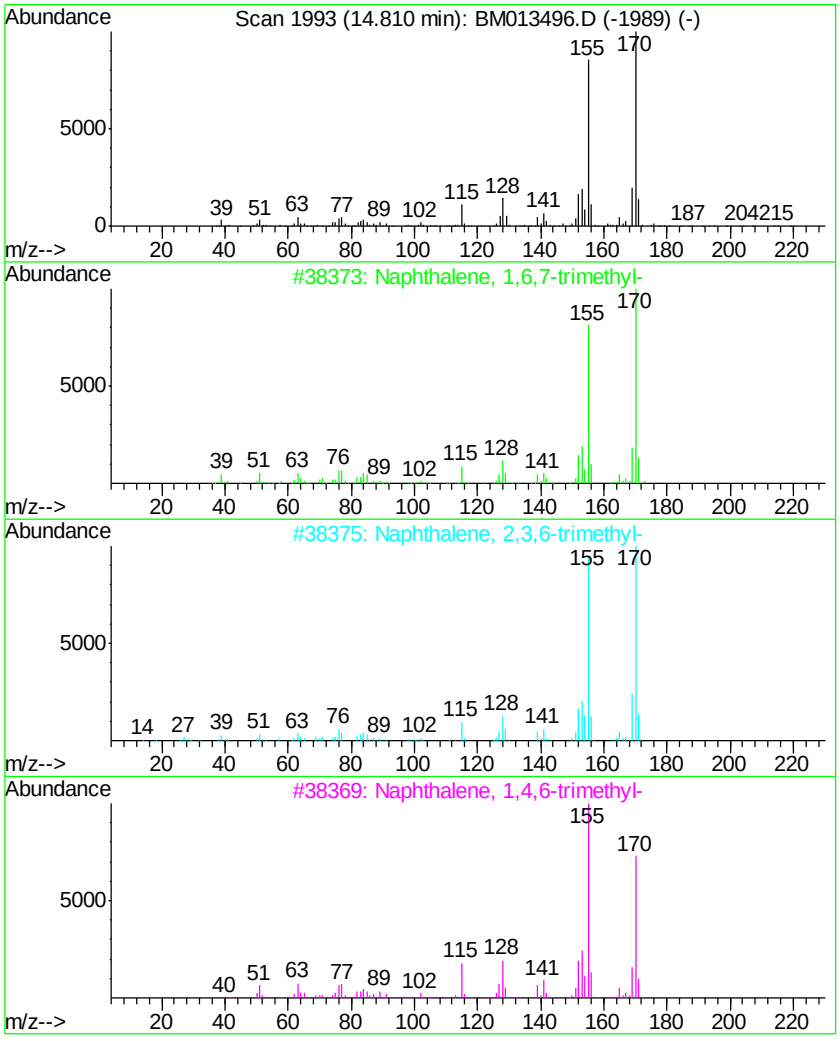
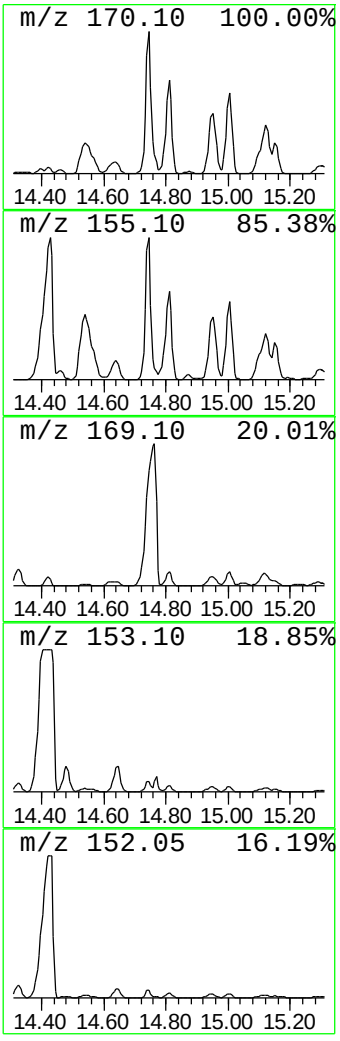
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	9.55 ng/ul	8898210	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





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Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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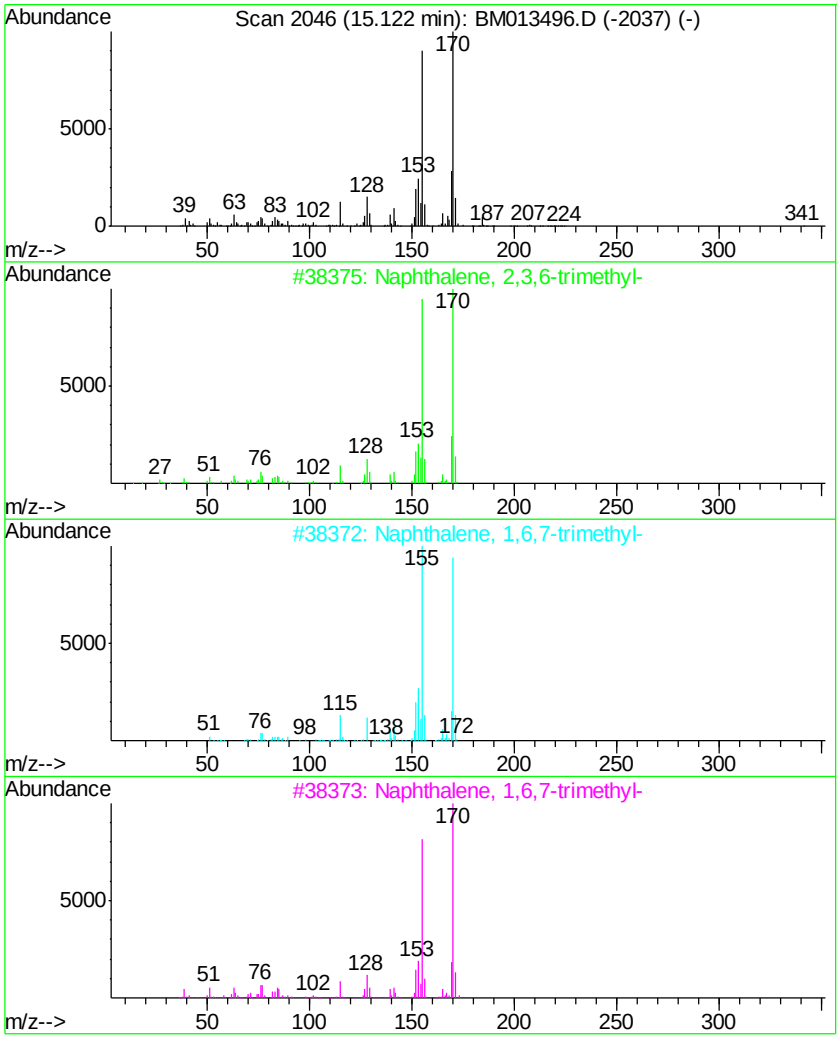
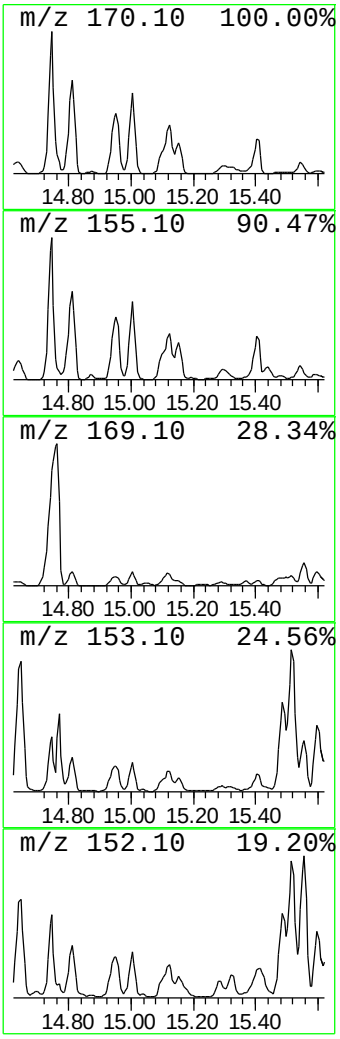
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	10.43 ng/ul	9711540	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96





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Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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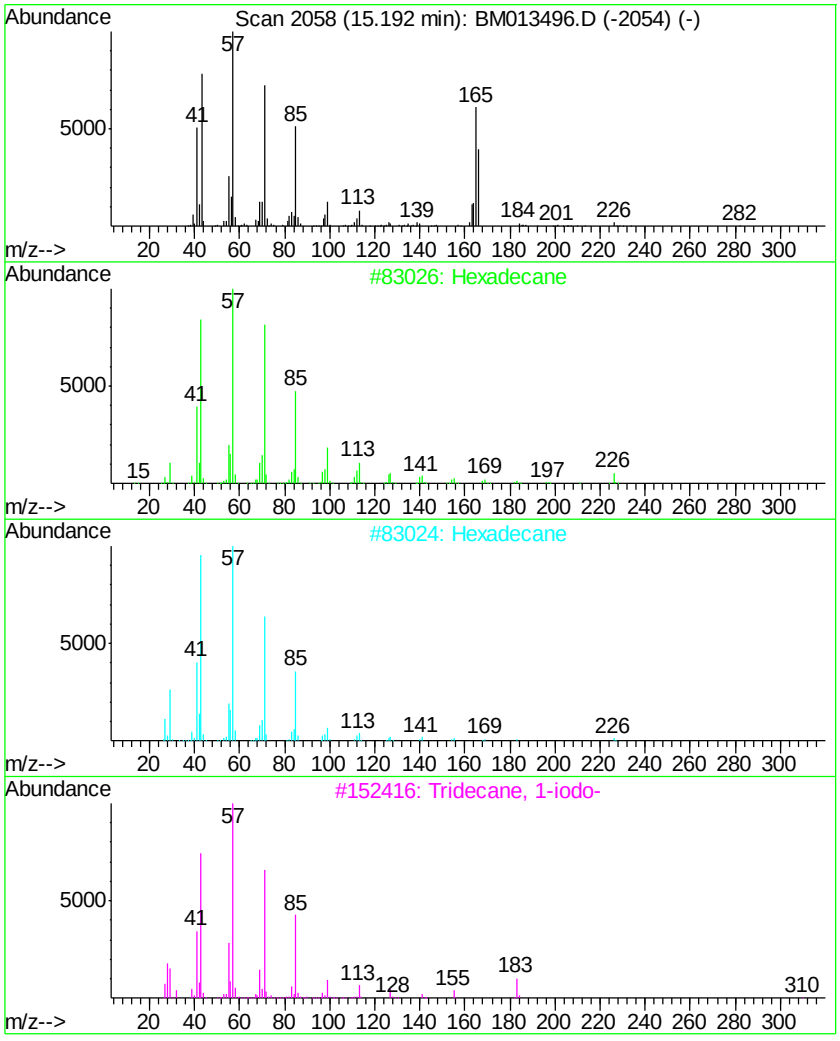
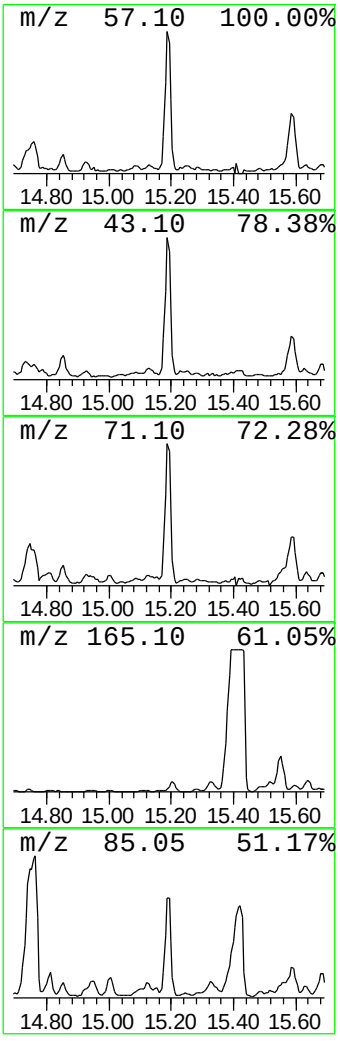
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.21 ng/ul	5779970	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Hexadecane	226	C16H34	000544-76-3	50
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	46
5	Tridecane	184	C13H28	000629-50-5	46





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Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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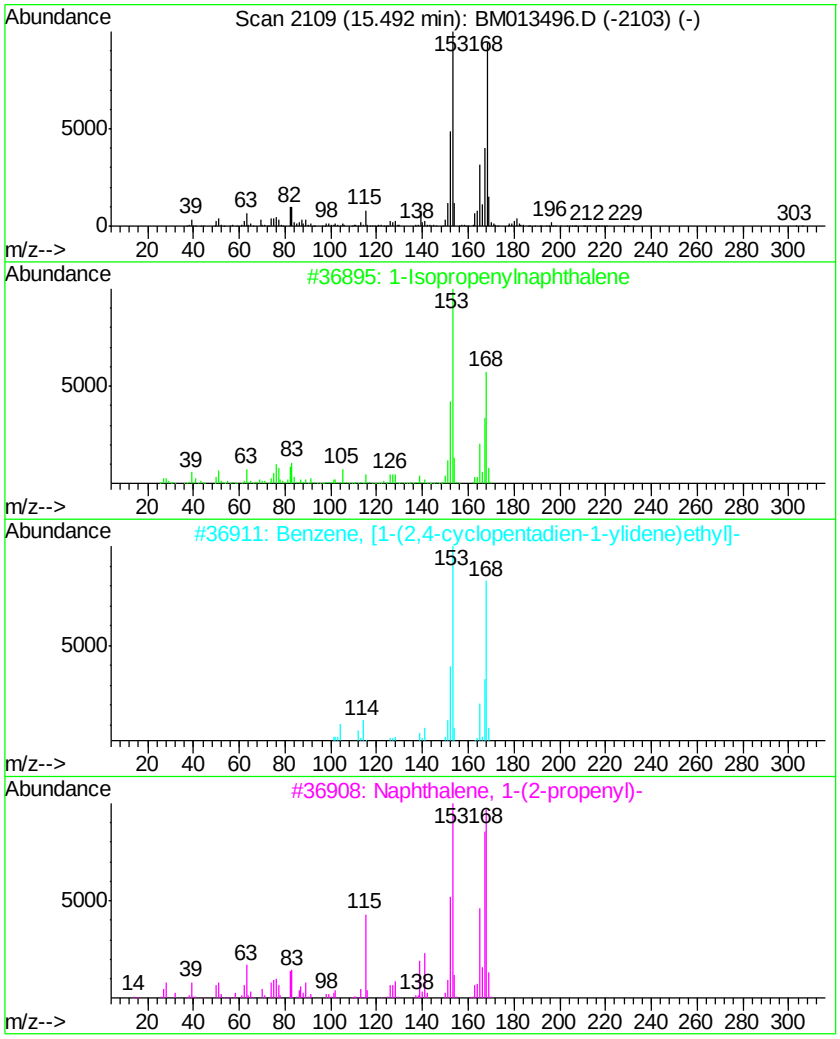
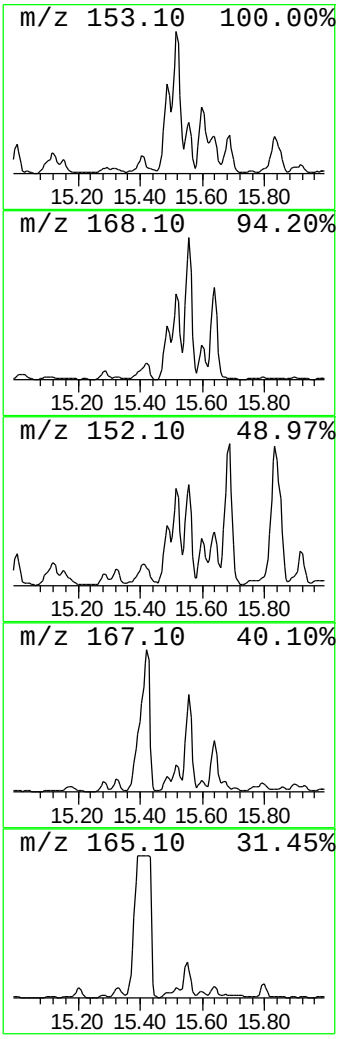
Peak Number 16 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	8.09 ng/ul	7538270	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47





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Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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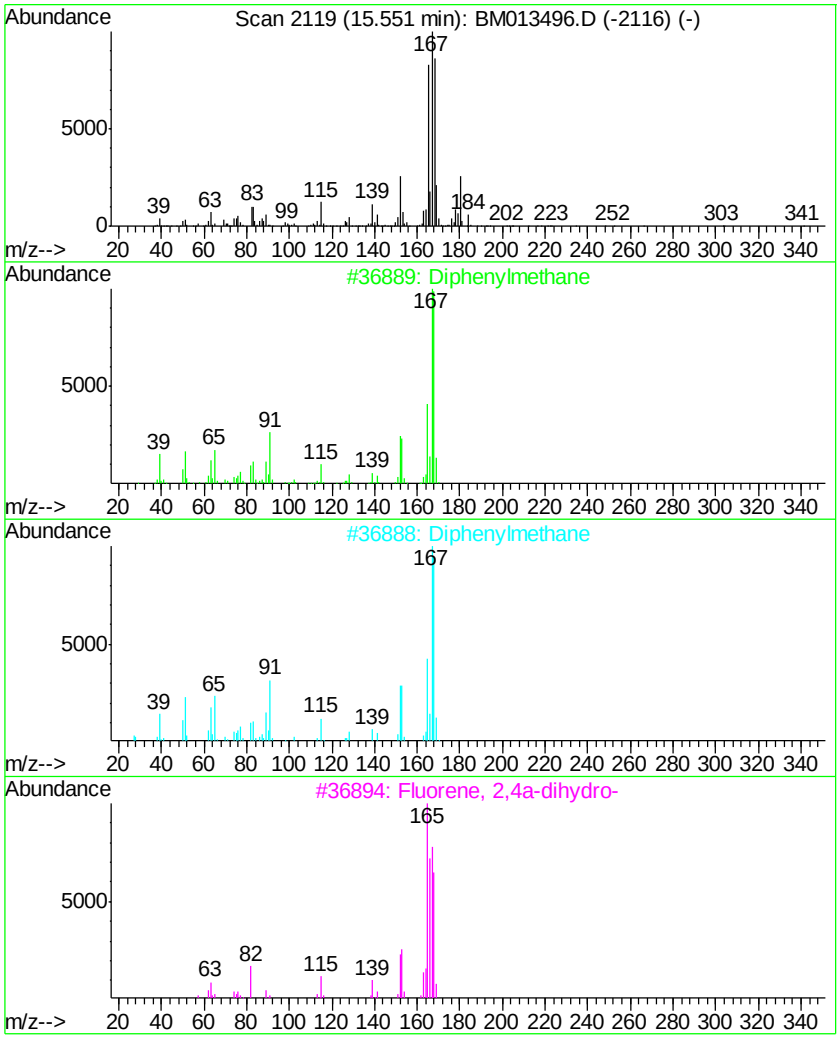
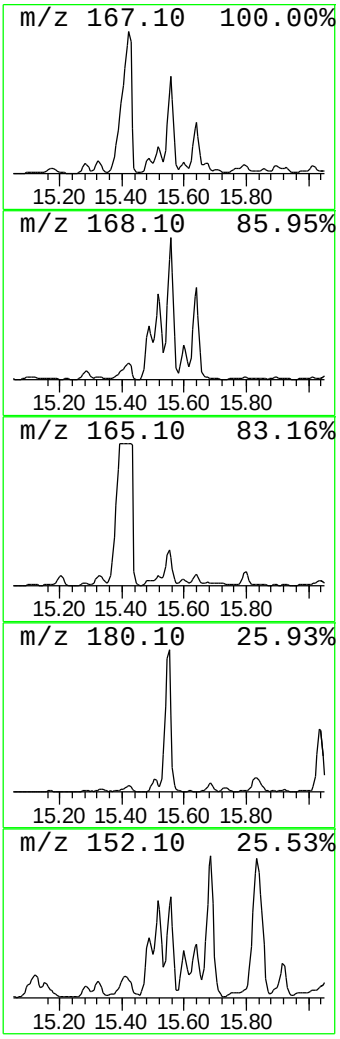
Peak Number 18 Diphenylmethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	24.00 ng/ul	22355800	Acenaphthene-d10	14.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	60
2	Diphenylmethane	168	C13H12	000101-81-5	60
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	60
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53
5	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	50





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Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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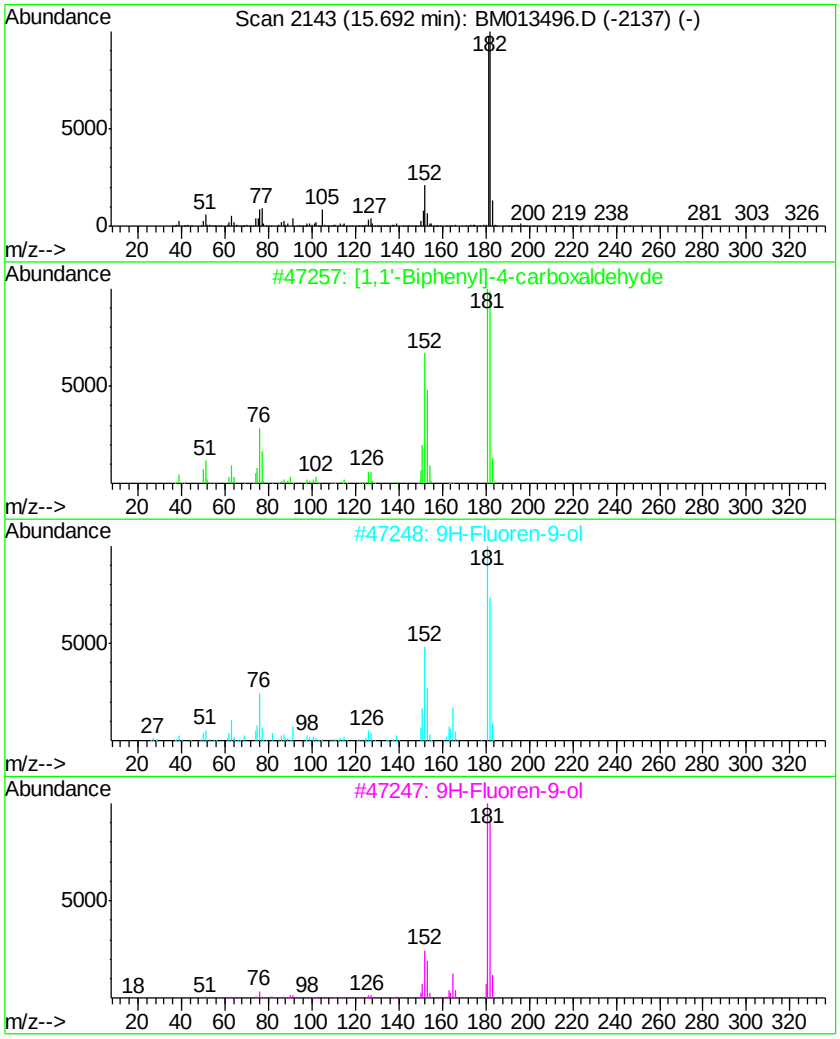
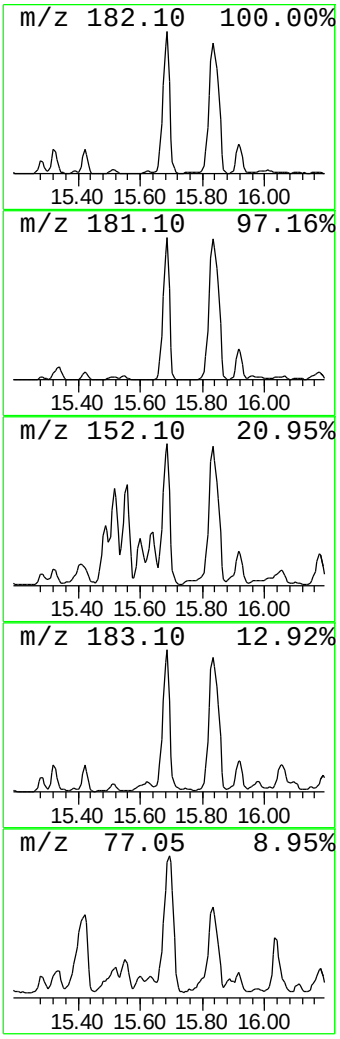
Peak Number 21 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	30.54 ng/ul	28446400	Acenaphthene-d10	14.33

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	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72





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Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

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Quant Title : SVOA CALIBRATION

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

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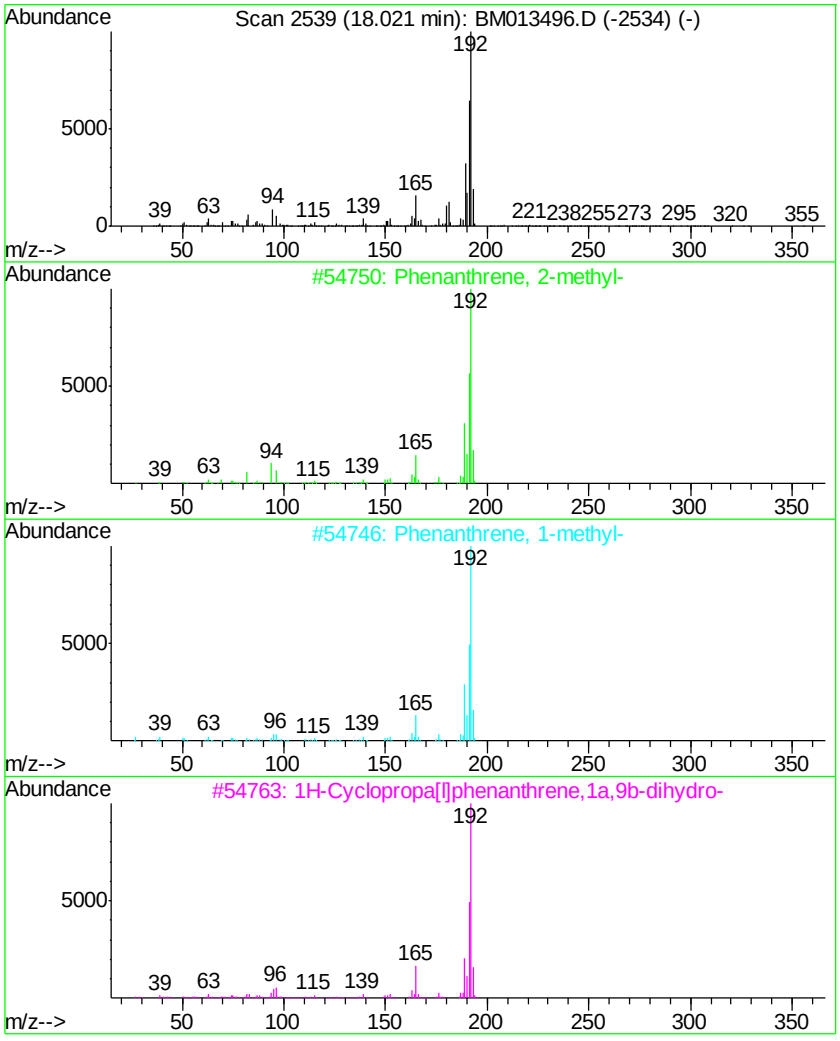
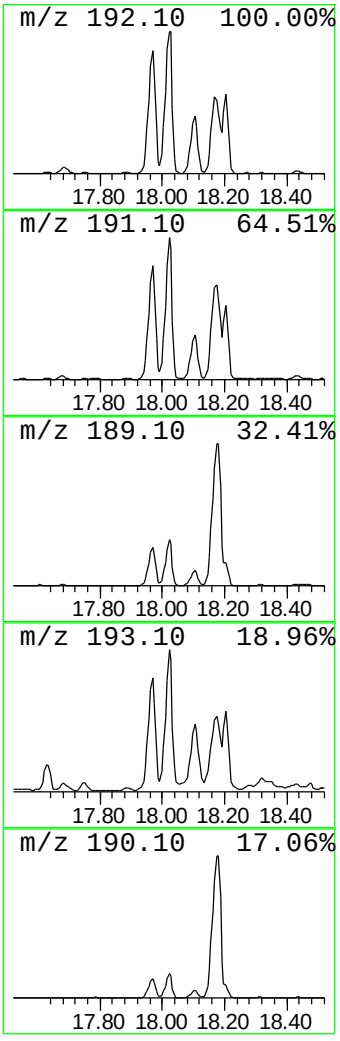
Peak Number 22 Phenanthrene, 2-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.18 ng/ul	50052400	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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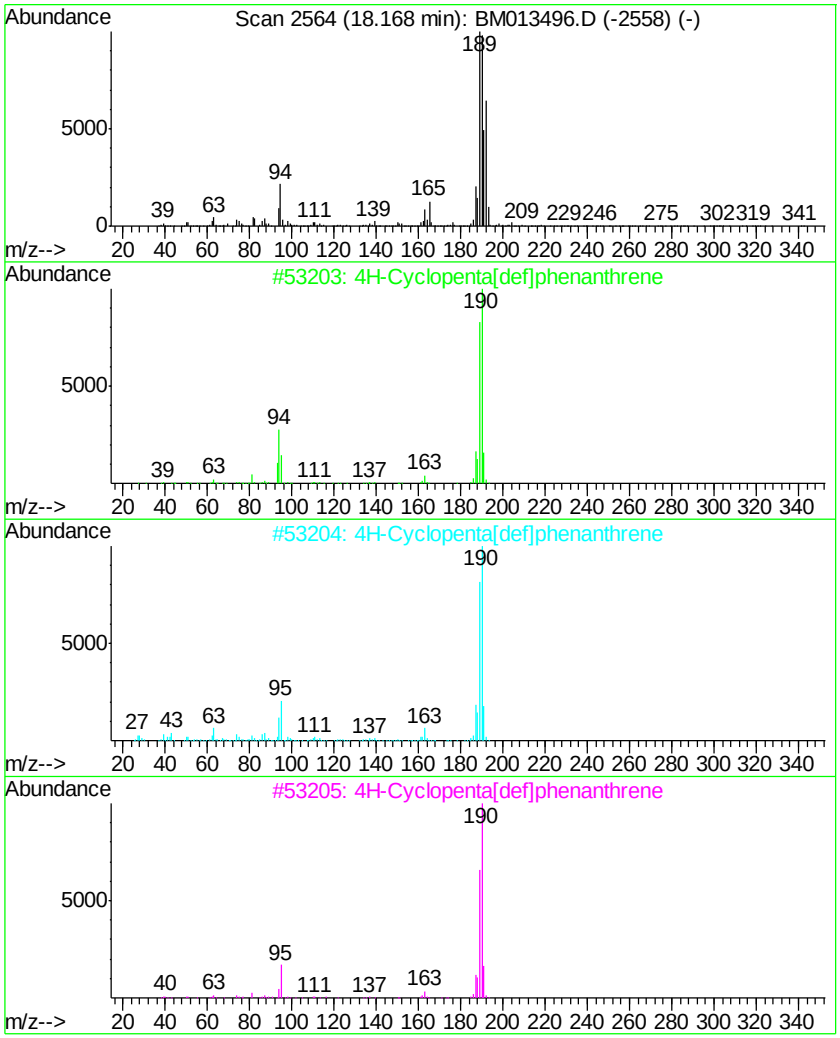
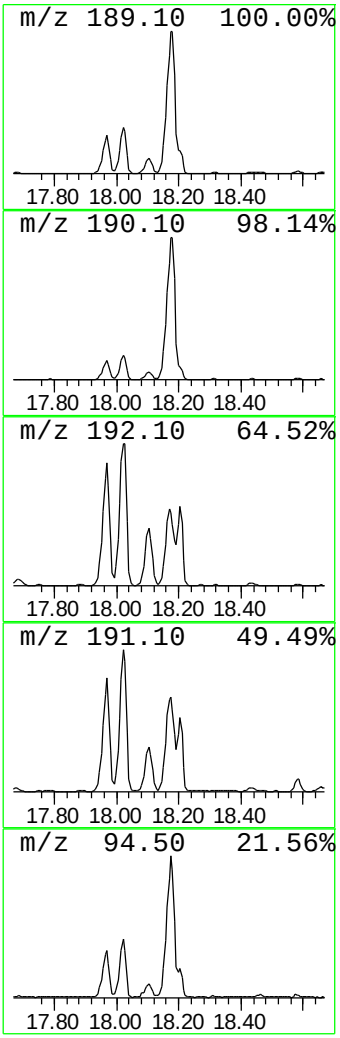
Peak Number 23 4H-Cyclopenta[def]phenanthrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.51 ng/ul	80411300	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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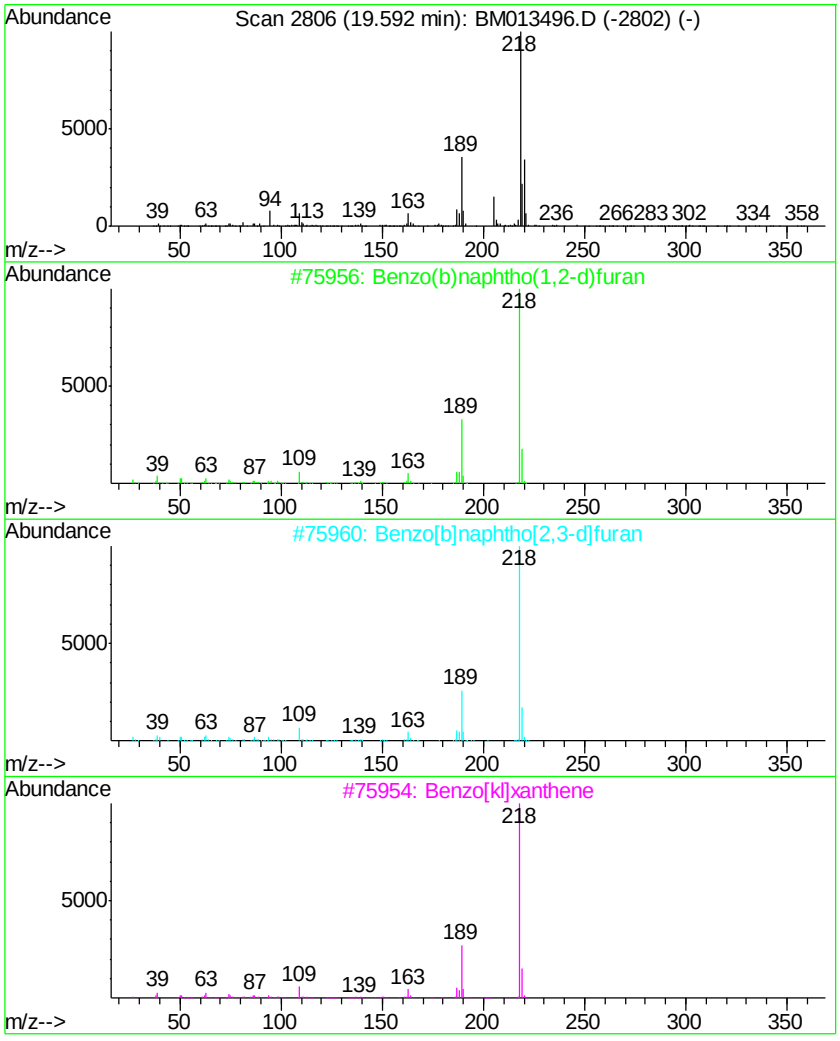
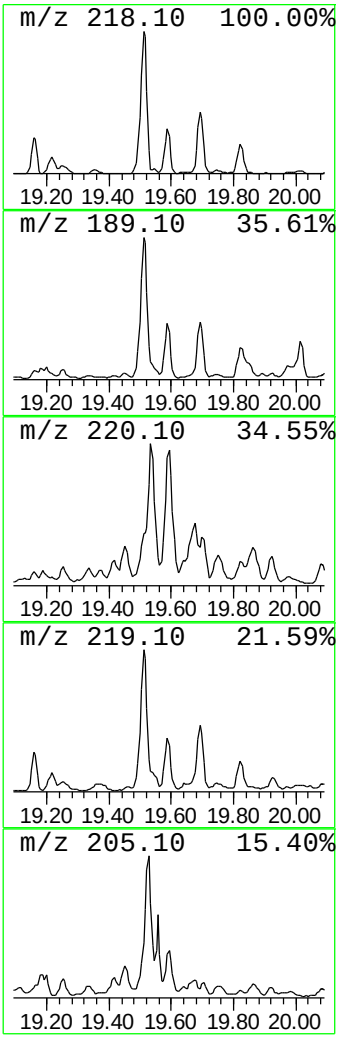
Peak Number 24 Benzo(b)naphtho(1,2-d)furan Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.27 ng/ul	8525630	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	95
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	95
3	Benzo[kl]xanthene	218	C16H10O	000200-23-7	92
4	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	83
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	76





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Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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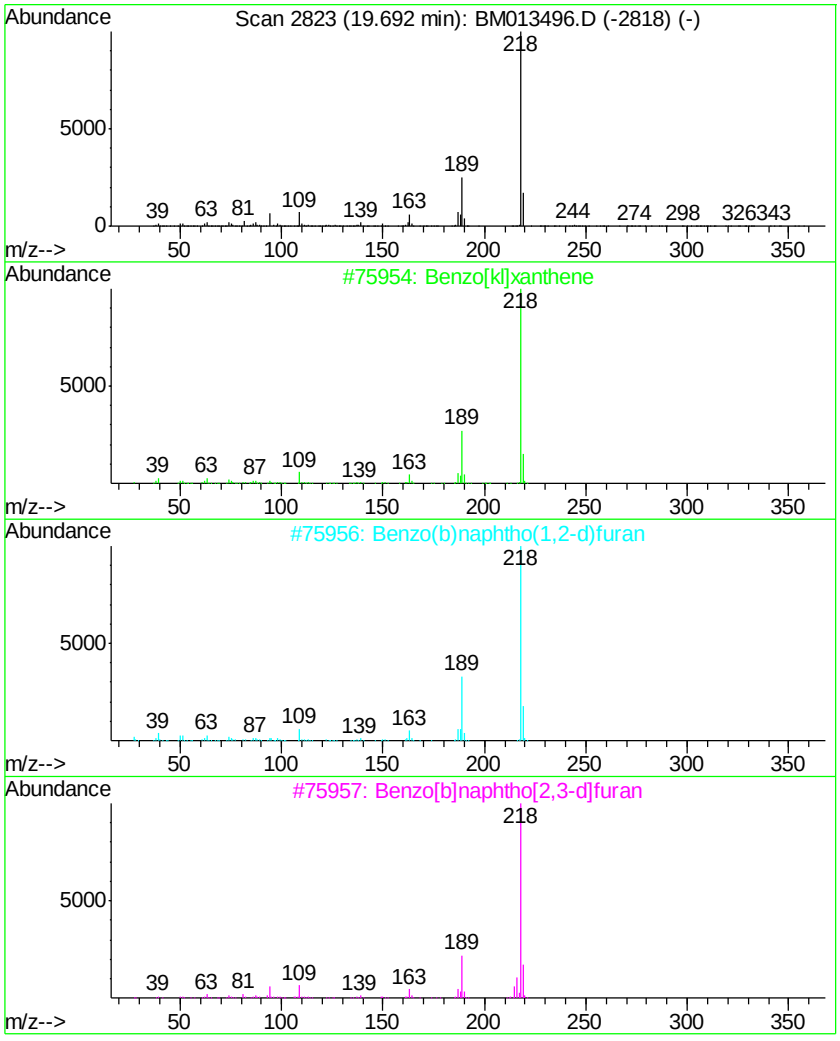
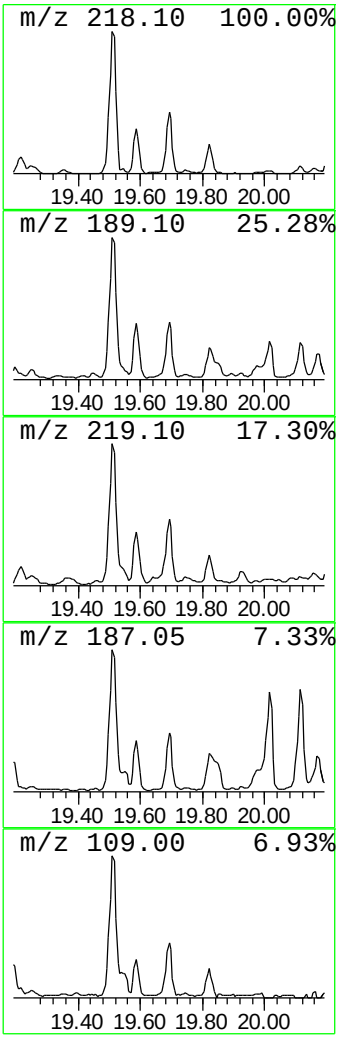
Peak Number 25 Benzo[kl]xanthene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.20 ng/ul	8336770	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	96
2	Benzo(b)naphtho(1,2-d)furan	218	C16H10O	000205-39-0	96
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	94
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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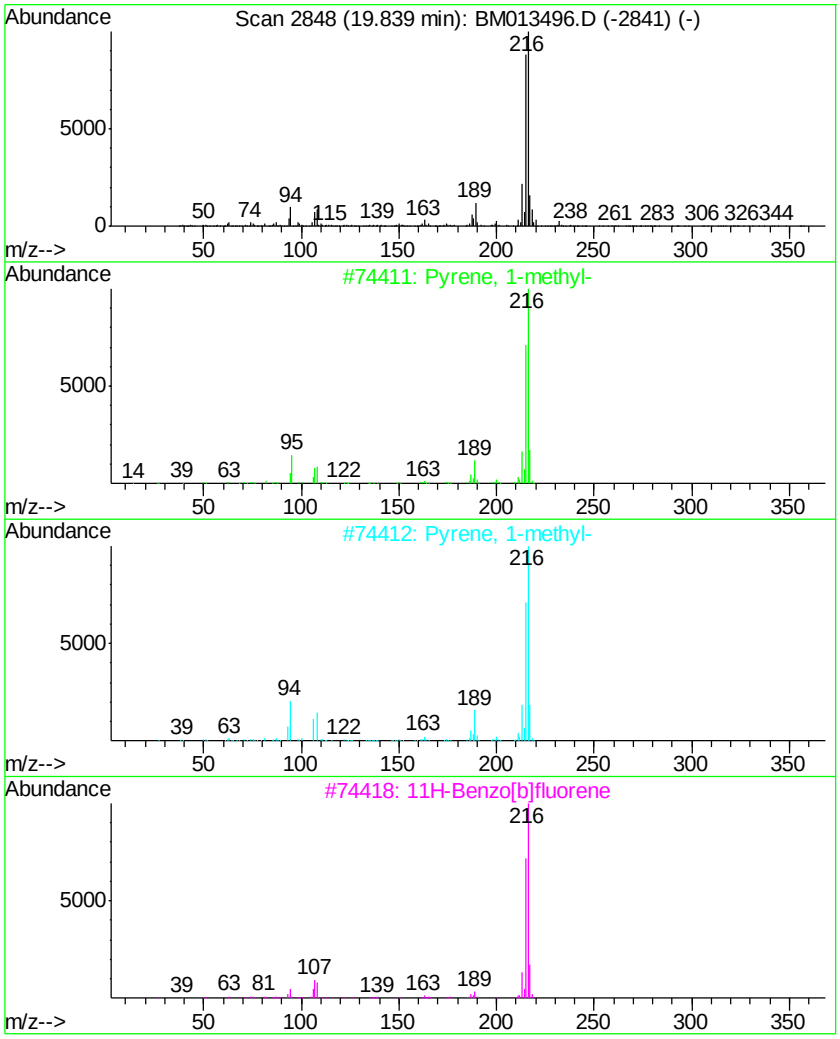
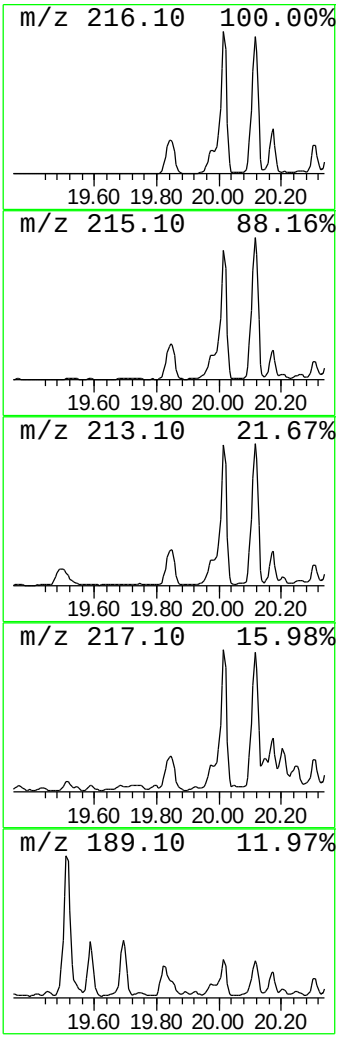
Peak Number 26 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.95 ng/ul	10282600	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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

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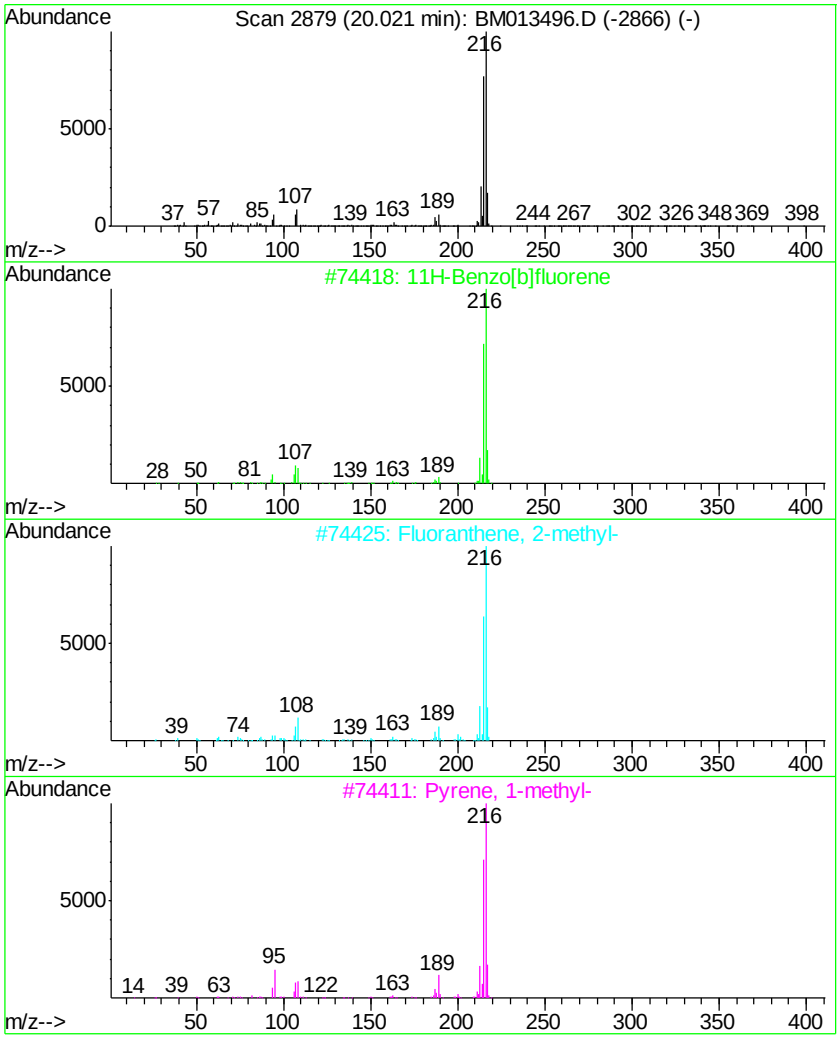
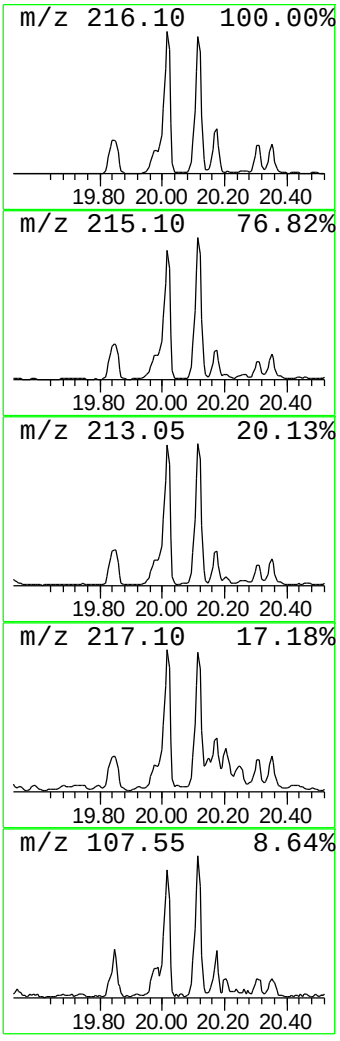
Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	14.91 ng/ul	38859100	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121817\
Data File : BM013496.D
Acq On : 18 Dec 2017 13:37
Operator : SJ/JU
Sample : I6778-13ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A78ME

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
Indane	8.04	20.0	ng/ul	7603290	1	7.68	7603290	20.0
1-Propyne, 3-phenyl-	8.20	29.4	ng/ul	11179500	1	7.68	7603290	20.0
Naphthalene, 1-me...	12.37	4.4	ng/ul	78085300	2	10.49	356498000	20.0
Naphthalene, 1-et...	13.35	19.8	ng/ul	18442900	3	14.33	18629900	20.0
Naphthalene, 2,7-...	13.49	25.3	ng/ul	23606400	3	14.33	18629900	20.0
Naphthalene, 2,3-...	13.66	46.9	ng/ul	43637700	3	14.33	18629900	20.0
2-Naphthalenecarb...	14.48	5.9	ng/ul	5511220	3	14.33	18629900	20.0
Naphthalene, 1-(2...	14.64	10.9	ng/ul	10158000	3	14.33	18629900	20.0
Naphthalene, 1,6,...	14.81	9.6	ng/ul	8898210	3	14.33	18629900	20.0
Naphthalene, 2,3,...	15.12	10.4	ng/ul	9711540	3	14.33	18629900	20.0
(DEL) Alkane: Str...	15.19	6.2	ng/ul	5779970	3	14.33	18629900	20.0
1-Isopropenylnaph...	15.49	8.1	ng/ul	7538270	3	14.33	18629900	20.0
Diphenylmethane	15.55	24.0	ng/ul	22355800	3	14.33	18629900	20.0
[1,1'-Biphenyl]-4...	15.69	30.5	ng/ul	28446400	3	14.33	18629900	20.0
Phenanthrene, 2-m...	18.02	2.2	ng/ul	50052400	4	17.13	458603000	20.0
4H-Cyclopenta[def...	18.17	3.5	ng/ul	80411300	4	17.13	458603000	20.0
Benzo(b)naphtho(1...	19.59	3.3	ng/ul	8525630	5	21.28	52113700	20.0
Benzo[kl]xanthene	19.69	3.2	ng/ul	8336770	5	21.28	52113700	20.0
Pyrene, 1-methyl-	19.84	4.0	ng/ul	10282600	5	21.28	52113700	20.0
11H-Benzo[b]fluorene	20.02	14.9	ng/ul	38859100	5	21.28	52113700	20.0