LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM01.2-EPA-BG031715.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	2.934	36	42	50	rBV	248367	415775	19.77%	1.350%
2	3.011	50	55	67	rVB	478718	609510	28.99%	1.979%
3	4.914	373	379	388	rVB2	17250	29422	1.40%	0.096%
4	6.958	720	727	736	rBV	208120	322411	15.33%	1.047%
5	7.123	749	755	763	rBV	171047	261159	12.42%	0.848%
6	7.322	783	789	798	rBV	200304	308672	14.68%	1.002%
7	7.792	861	869	877	rBV	186711	294390	14.00%	0.956%
8	8.491	978	988	995	rBV	266177	403796	19.20%	1.311%
9	8.944	1058	1065	1073	rVV	181773	290480	13.82%	0.943%
10	9.660	1180	1187	1198	rVB	144882	238876	11.36%	0.776%
11	10.195	1271	1278	1286	rBV	246550	392904	18.69%	1.276%
12	10.577	1333	1343	1348	rBV	286276	485335	23.08%	1.576%
13	10.624	1348	1351	1359	rVB	96802	149685	7.12%	0.486%
14	10.712	1359	1366	1377	rBV	228681	378768	18.01%	1.230%
15	12.233	1619	1625	1632	rBV	88997	139829	6.65%	0.454%
16	12.457	1655	1663	1670	rVB	60208	93885	4.47%	0.305%
17	13.250	1791	1798	1803	rBV2	33728	50023	2.38%	0.162%
18	13.731	1873	1880	1885	rBV	49745	86889	4.13%	0.282%
19	13.790	1885	1890	1891	rVV	37521	47926	2.28%	0.156%
20	13.825	1891	1896	1901	rVV	401034	557317	26.51%	1.810%
21	13.872	1901	1904	1911	rVV	28116	40736	1.94%	0.132%
22	13.972	1917	1921	1924	rVV2	27792	39050	1.86%	0.127%
23	14.107	1937	1944	1954	rVB	527873	769473	36.60%	2.499%
24	14.413	1986	1996	2002	rBV2	417726	668310	31.78%	2.170%
25	14.477	2002	2007	2014	rVB	254227	377386	17.95%	1.225%
26	14.613	2023	2030	2039	rBV	166325	263730	12.54%	0.856%
27	14.812	2058	2064	2071	rVB	207803	319709	15.21%	1.038%
28	15.030	2094	2101	2106	rBV3	15674	27818	1.32%	0.090%
29	15.200	2121	2130	2133	rBV6	15354	30175	1.44%	0.098%
30	15.406	2156	2165	2170	rBV	643621	911407	43.35%	2.959%
31	15.459	2170	2174	2180	rVB	343398	469254	22.32%	1.524%
32	15.523	2180	2185	2192	rBV	111592	164596	7.83%	0.534%
33	15.623	2198	2202	2207	rVB2	40968	54126	2.57%	0.176%
34	15.752	2220	2224	2231	rVB	63085	90626	4.31%	0.294%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM01.2-EPA-BG031715.M
Title : SVOA CALIBRATION

35	15.899	2241	2249	2256	rVB	70807	139325	6.63%	0.452%
36	16.122	2281	2287	2290	rBV4	25305	44770	2.13%	0.145%
37	16.463	2333	2345	2349	rBV4	47359	101216	4.81%	0.329%
38	16.504	2349	2352	2358	rVV2	22537	37390	1.78%	0.121%
39	16.610	2364	2370	2375	rVB3	19105	36237	1.72%	0.118%
40	16.686	2381	2383	2387	rVV2	23550	36498	1.74%	0.119%
41	16.727	2387	2390	2393	rVV	25378	33821	1.61%	0.110%
42	16.886	2411	2417	2419	rBV	24885	39679	1.89%	0.129%
43	16.974	2427	2432	2441	rVB	82575	130910	6.23%	0.425%
44	17.156	2457	2463	2466	rBV	518775	764975	36.38%	2.484%
45	17.197	2466	2470	2475	rVV	1511522	2102636	100.00%	6.827%
46	17.250	2475	2479	2483	rVV2	678928	1048793	49.88%	3.406%
47	17.285	2483	2485	2491	rVV	504546	588966	28.01%	1.912%
48	17.344	2491	2495	2500	rVB2	31381	49926	2.37%	0.162%
49	17.556	2519	2531	2542	rBV2	201679	358260	17.04%	1.163%
50	17.673	2549	2551	2555	rVV3	25596	34935	1.66%	0.113%
51	17.732	2558	2561	2568	rVV6	17181	37256	1.77%	0.121%
52	18.031	2601	2612	2616	rBV	124970	261714	12.45%	0.850%
53	18.073	2616	2619	2626	rVV	192735	279562	13.30%	0.908%
54	18.155	2626	2633	2638	rVV	94034	142994	6.80%	0.464%
55	18.225	2638	2645	2649	rBV3	249158	414620	19.72%	1.346%
56	18.261	2649	2651	2655	rVB2	74477	79442	3.78%	0.258%
57	18.372	2667	2670	2674	rBV2	26612	34110	1.62%	0.111%
58	18.531	2691	2697	2700	rVV	90715	120942	5.75%	0.393%
59	18.778	2734	2739	2742	rBV4	24743	31307	1.49%	0.102%
60	18.860	2750	2753	2757	rVB2	25442	33081	1.57%	0.107%
61	18.942	2762	2767	2774	rBV	47515	98594	4.69%	0.320%
62	19.013	2775	2779	2782	rBV3	28303	33608	1.60%	0.109%
63	19.083	2787	2791	2794	rBV	20980	32737	1.56%	0.106%
64	19.212	2800	2813	2819	rBV	1375733	1859532	88.44%	6.038%
65	19.306	2826	2829	2840	rVB4	36405	87342	4.15%	0.284%
66	19.400	2840	2845	2848	rBV6	14829	29867	1.42%	0.097%
67	19.453	2852	2854	2857	rVB	28082	29326	1.39%	0.095%
68	19.547	2864	2870	2872	rBV3	961375	1410548	67.08%	4.580%
69	19.576	2872	2875	2883	rVV	1020563	1400217	66.59%	4.547%
70	19.641	2883	2886	2893	rVB2	55572	92257	4.39%	0.300%
71	19.753	2900	2905	2910	rBV	67687	96990	4.61%	0.315%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_G\METHODS\SOM01.2-EPA-BG031715.M
Title : SVOA CALIBRATION

72	19.811	2911	2915	2920	rVB	68106	93844	4.46%	0.305%
73	19.888	2923	2928	2935	rBV4	66317	168583	8.02%	0.547%
74	19.952	2935	2939	2943	rVV	38967	50615	2.41%	0.164%
75	20.035	2946	2953	2954	rVV4	53205	106521	5.07%	0.346%
76	20.070	2954	2959	2963	rVB	214441	323817	15.40%	1.051%
77	20.164	2971	2975	2979	rBV	219359	284674	13.54%	0.924%
78	20.223	2979	2985	2989	rVV2	87806	154689	7.36%	0.502%
79	20.264	2989	2992	2995	rVB3	31708	33680	1.60%	0.109%
80	20.305	2996	2999	3003	rVB2	26390	34493	1.64%	0.112%
81	20.364	3005	3009	3012	rBV2	44242	52843	2.51%	0.172%
82	20.411	3012	3017	3020	rBV3	45829	66282	3.15%	0.215%
83	20.980	3110	3114	3116	rBV	58547	69601	3.31%	0.226%
84	21.033	3116	3123	3132	rVV4	162708	422060	20.07%	1.370%
85	21.321	3162	3172	3177	rBV3	872216	1792088	85.23%	5.819%
86	21.368	3177	3180	3187	rVB	451608	564565	26.85%	1.833%
87	21.480	3195	3199	3204	rVB	135115	178869	8.51%	0.581%
88	21.638	3223	3226	3232	rVB2	72495	112901	5.37%	0.367%
89	22.038	3291	3294	3298	rBV2	45748	61569	2.93%	0.200%
90	22.085	3299	3302	3304	rVV3	39879	54037	2.57%	0.175%
91	22.120	3305	3308	3313	rVB3	71838	104753	4.98%	0.340%
92	22.179	3315	3318	3323	rVB2	43527	59488	2.83%	0.193%
93	22.925	3439	3445	3450	rBV	329191	764664	36.37%	2.483%
94	23.101	3471	3475	3482	rVB	98673	166801	7.93%	0.542%
95	23.424	3524	3530	3533	rBV	161820	292463	13.91%	0.950%
96	23.471	3533	3538	3543	rVV2	431430	854622	40.65%	2.775%
97	23.518	3543	3546	3553	rVB	330466	557085	26.49%	1.809%
98	23.618	3557	3563	3569	rBV2	366113	754997	35.91%	2.452%
99	25.962	3954	3962	3975	rVB2	145365	446091	21.22%	1.448%
100	26.684	4078	4085	4095	rVB	79004	232407	11.05%	0.755%

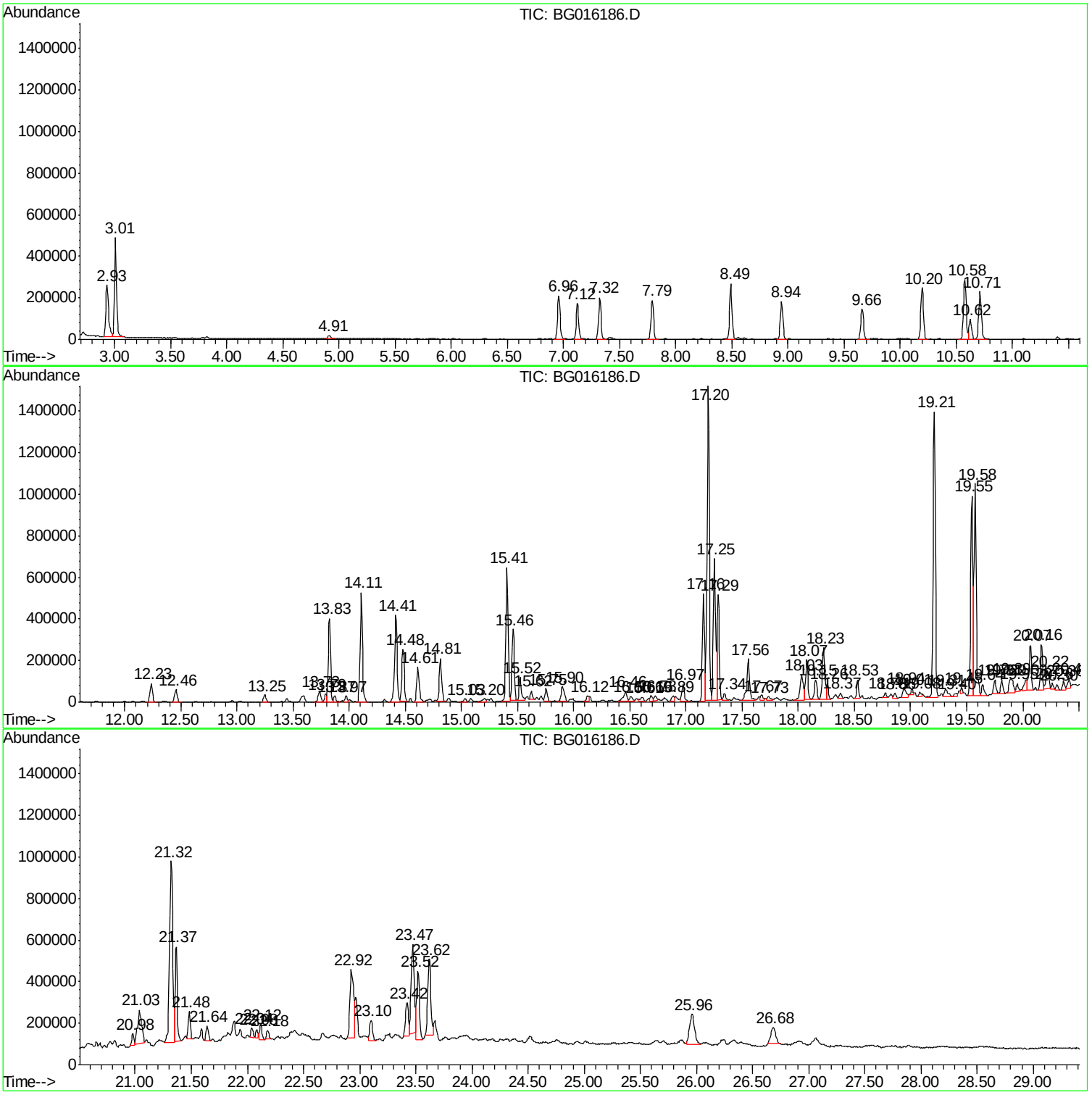
Sum of corrected areas: 30796933

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

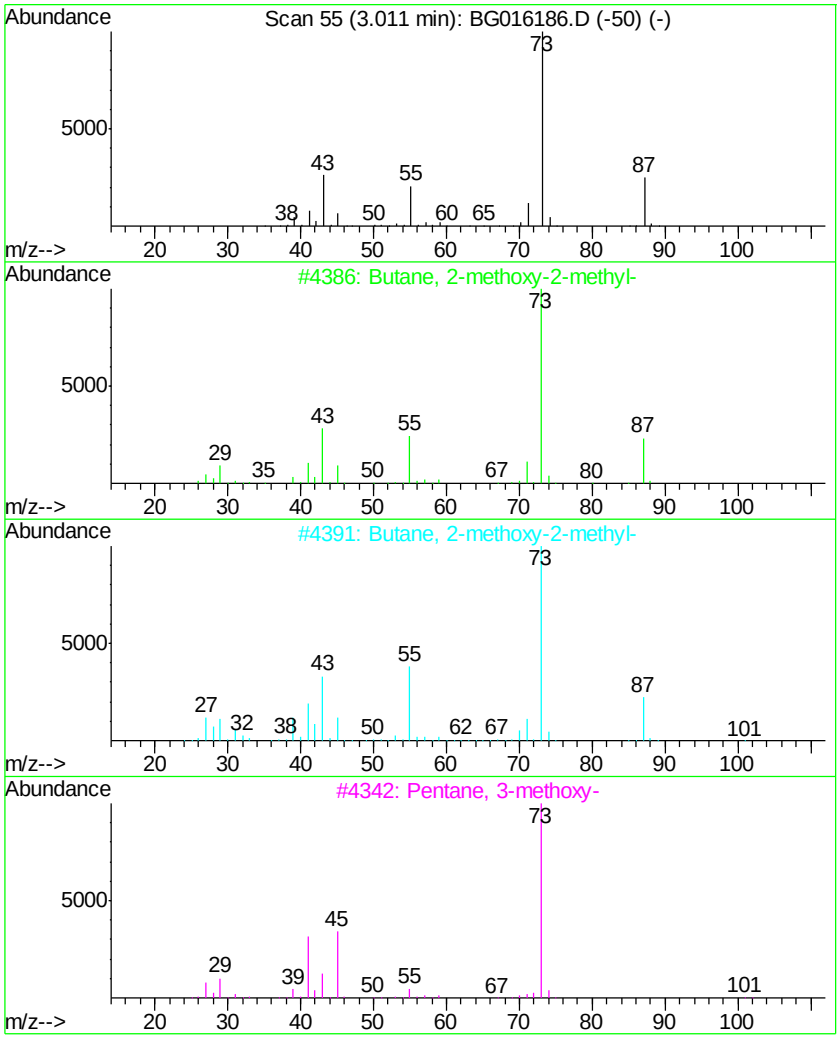
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

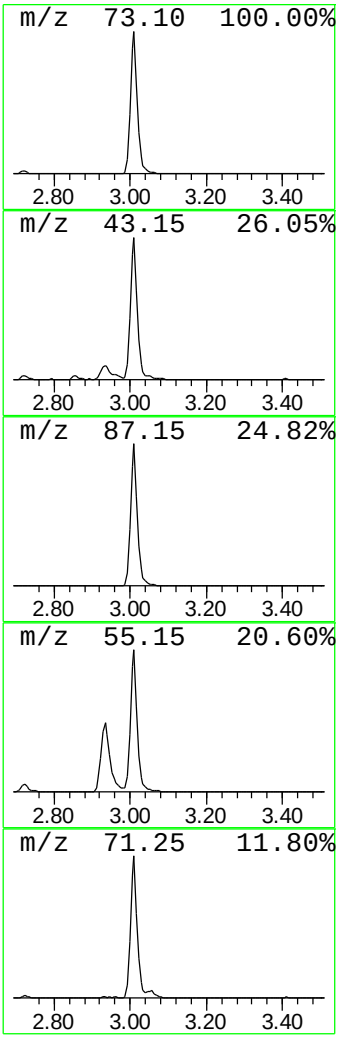
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	41.41 ng/ul	609510	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

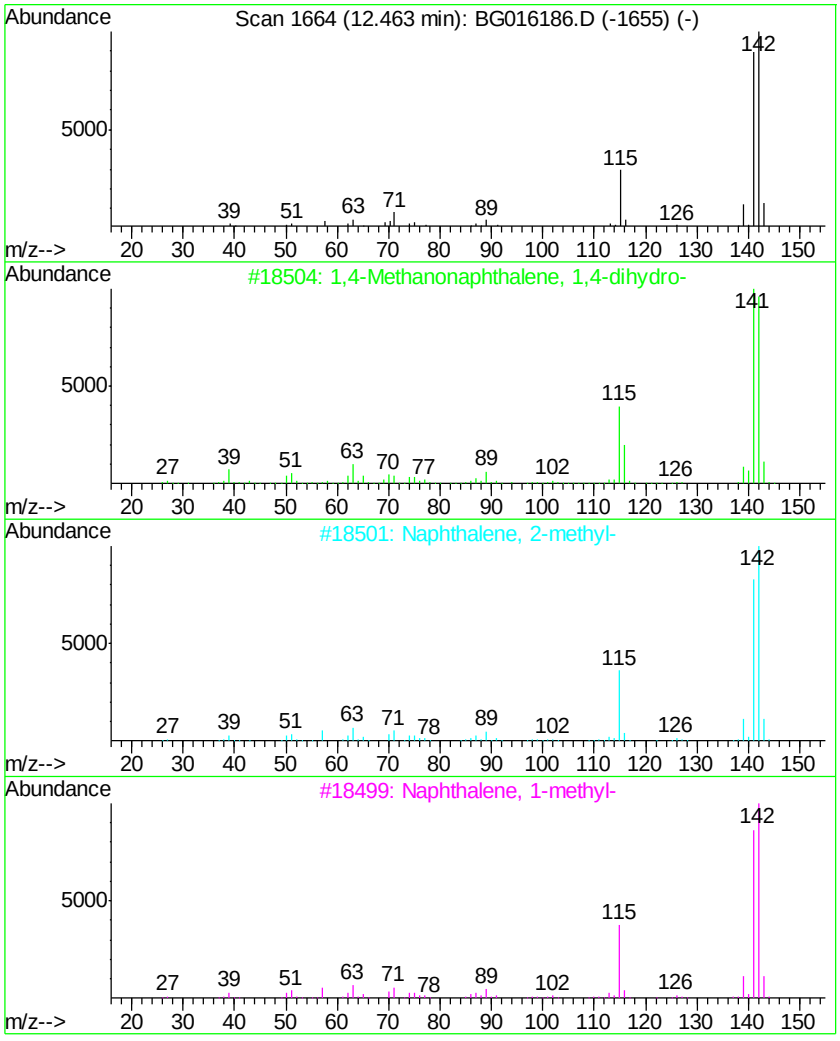
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

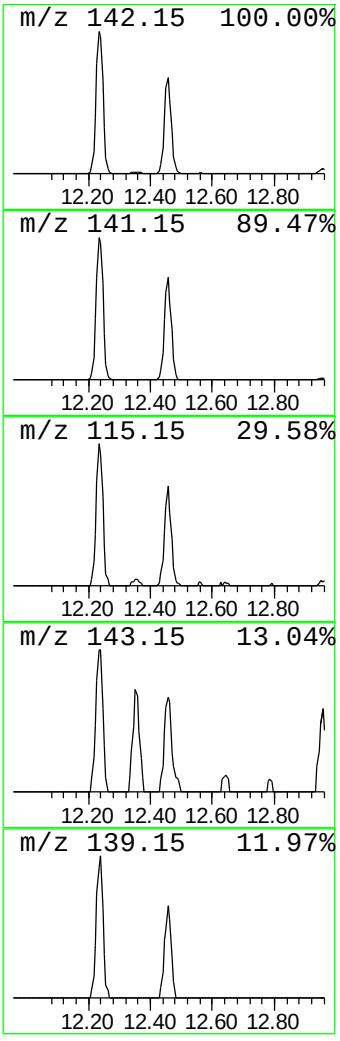
****

Peak Number 3 1,4-Methanonaphthalene, 1,4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.87 ng/ul	93885	Naphthalene-d8	10.58

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





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

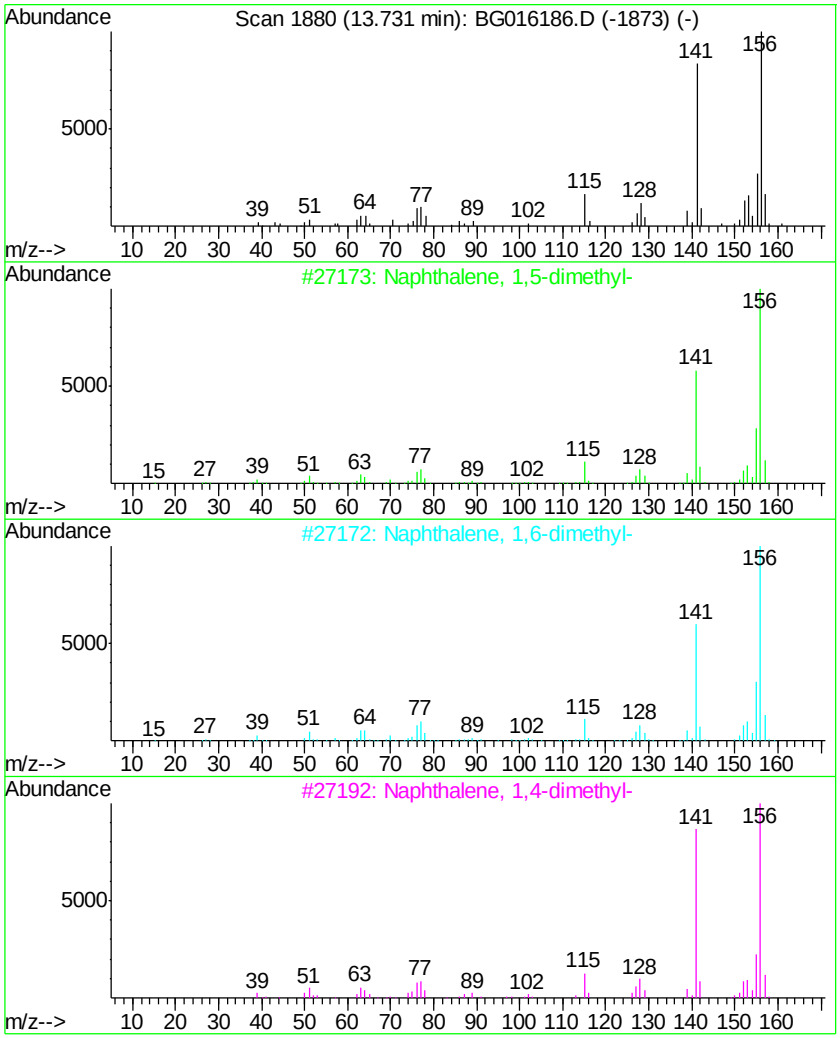
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

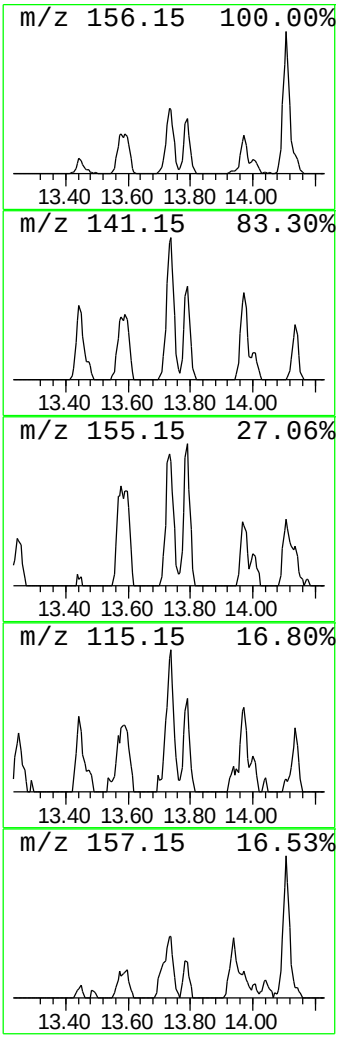
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.60 ng/ul	86889	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

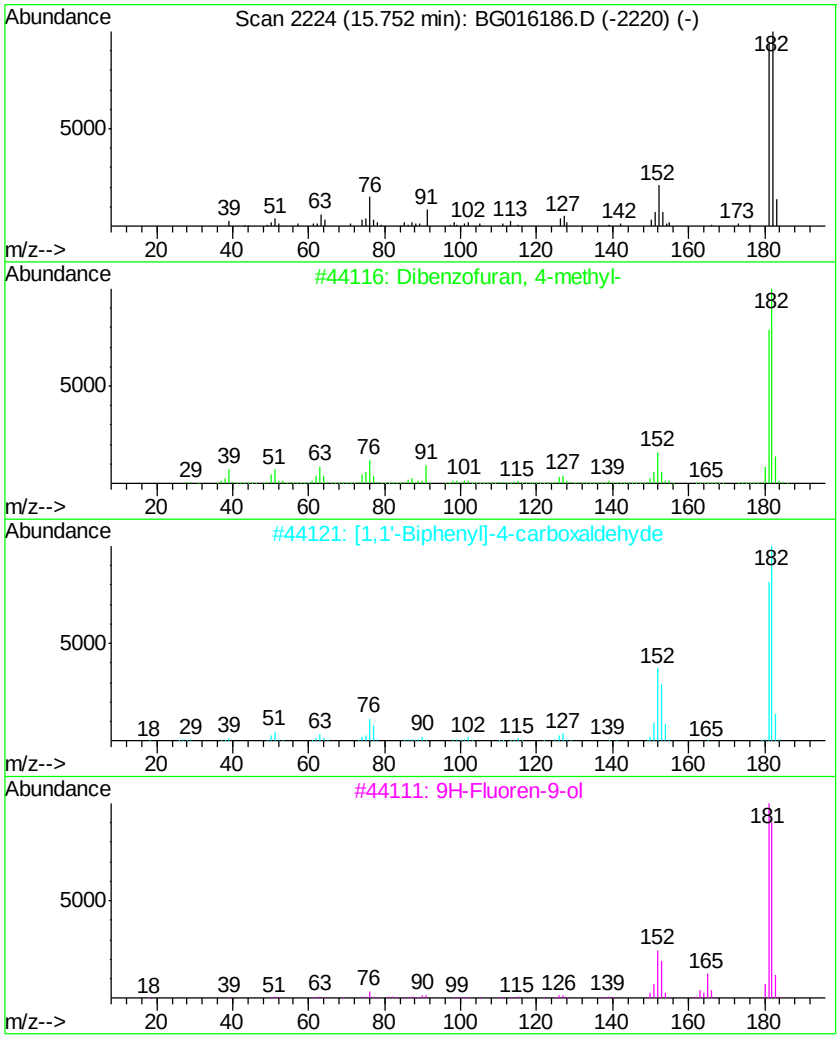
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

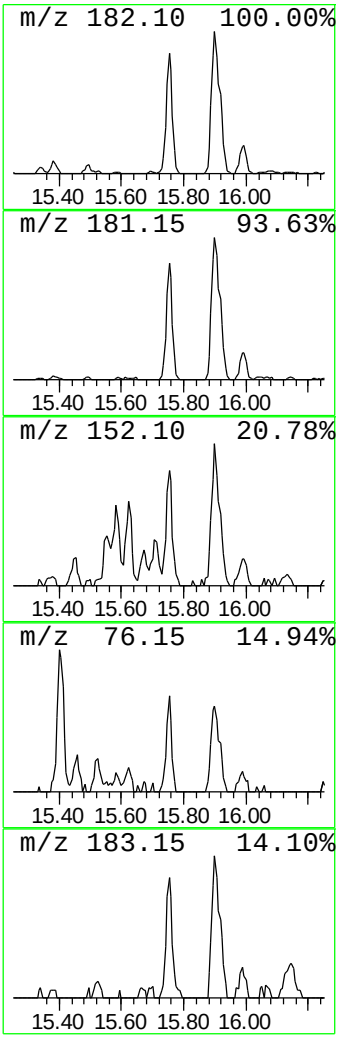
****

Peak Number 5 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.71 ng/ul	90626	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

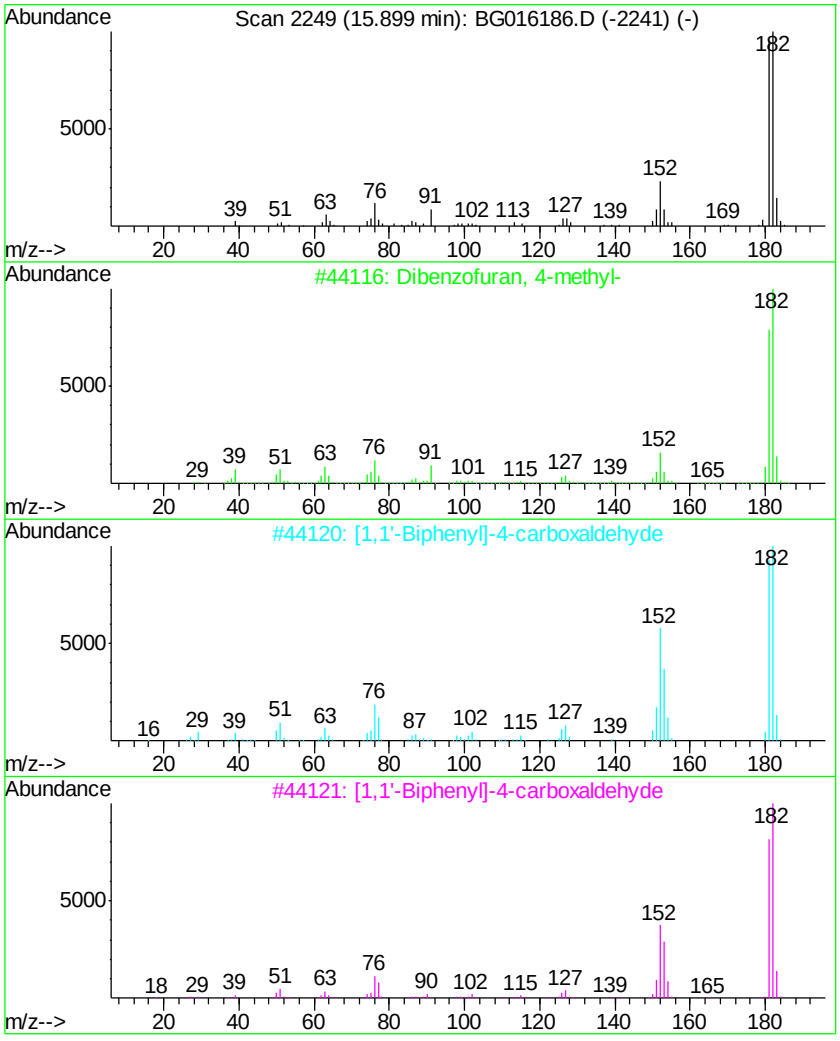
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

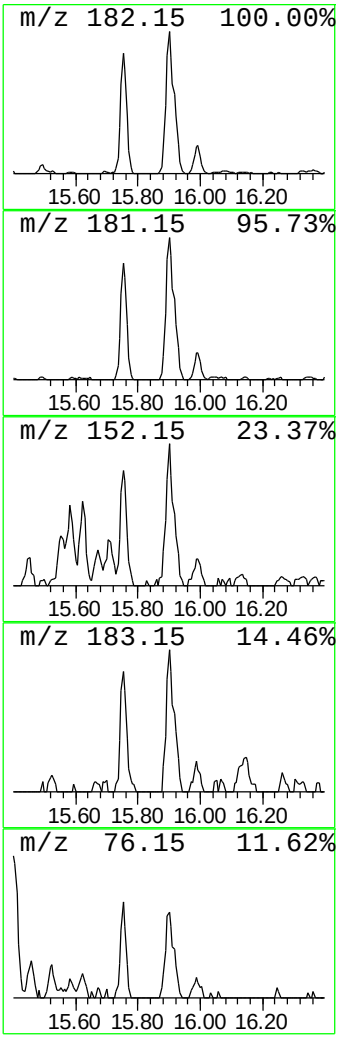
****

Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.64 ng/ul	139325	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Library Search Compound Report

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Operator : TP/IZ
Sample : G1647-13
Misc :
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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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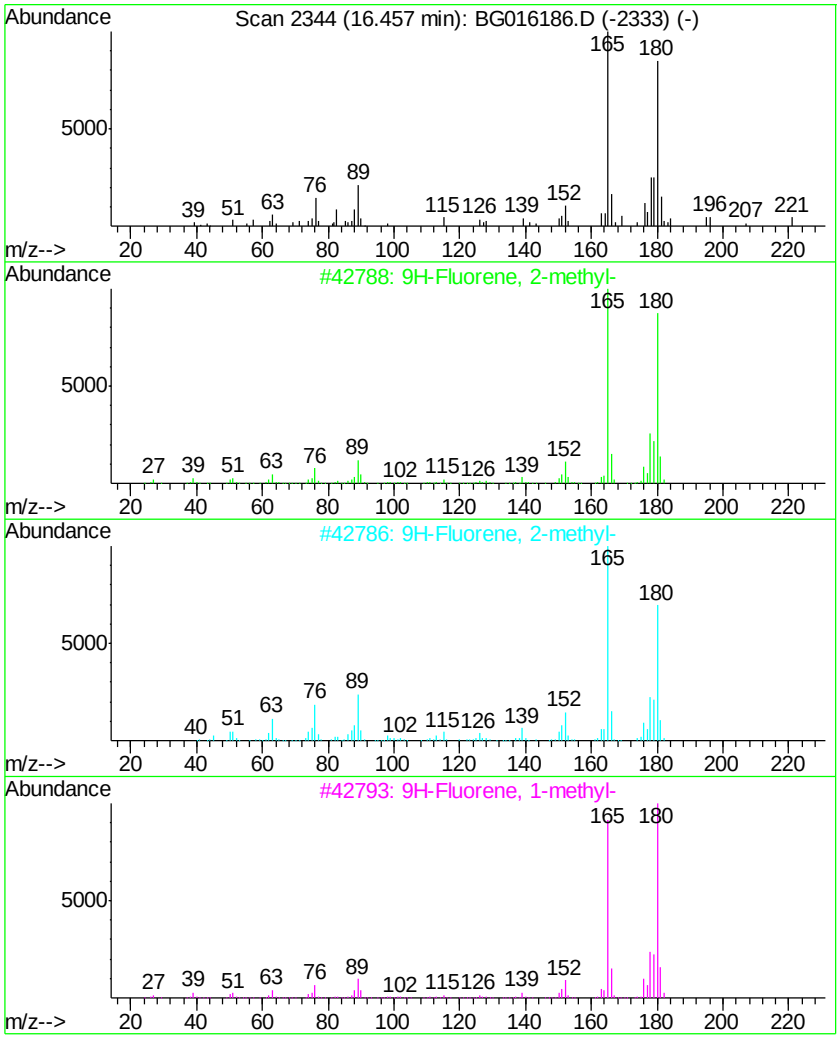
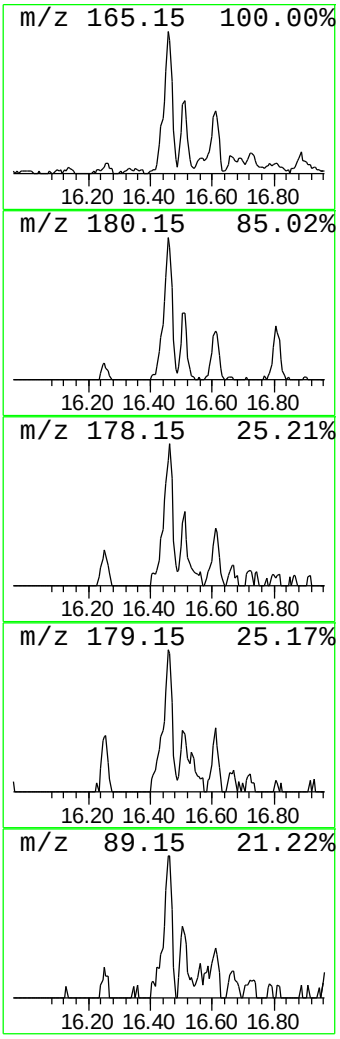
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.65 ng/ul	101216	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	93
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93





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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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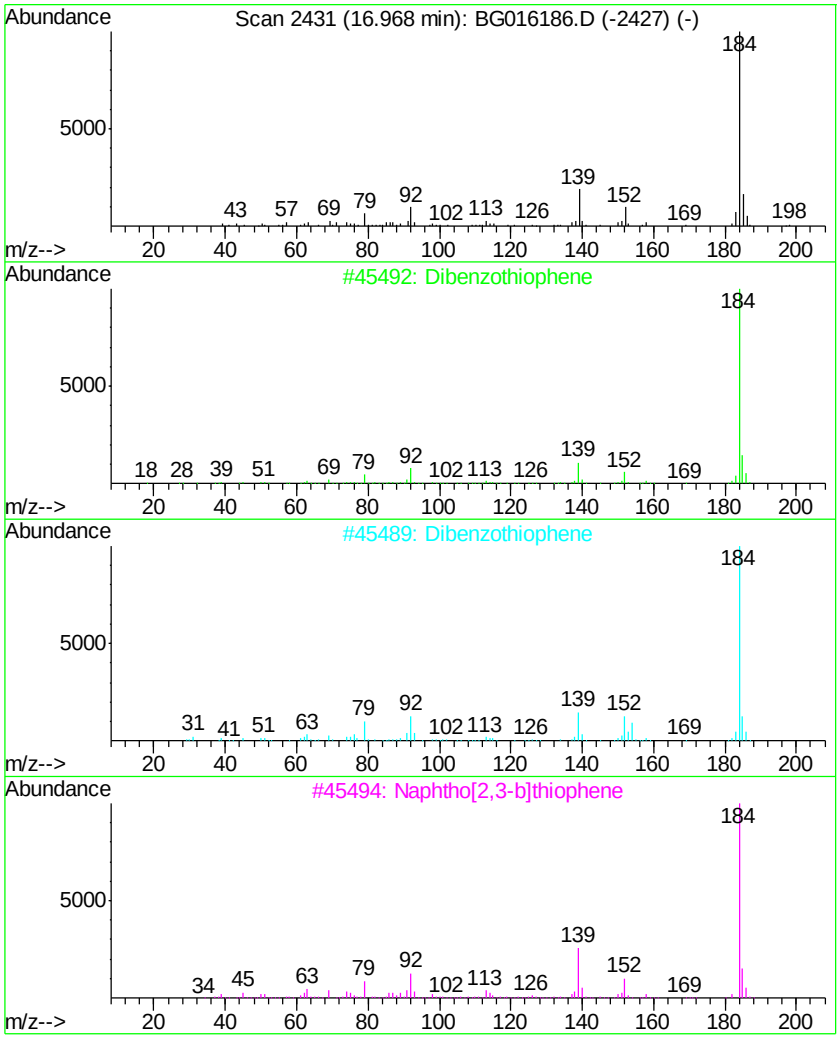
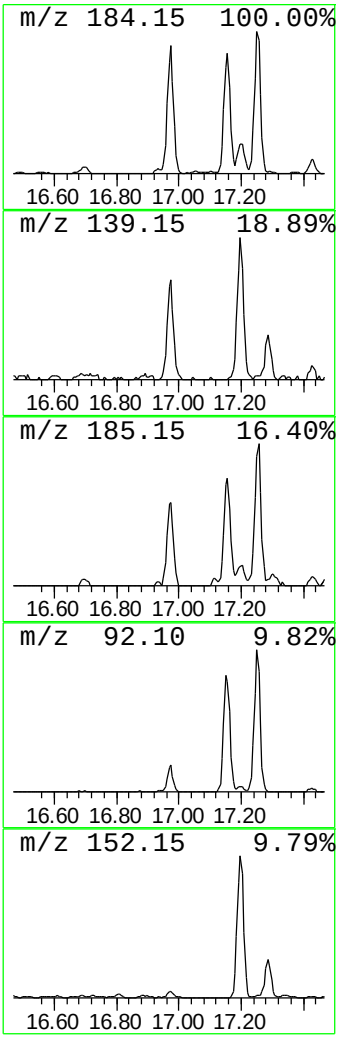
Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.42 ng/ul	130910	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	87





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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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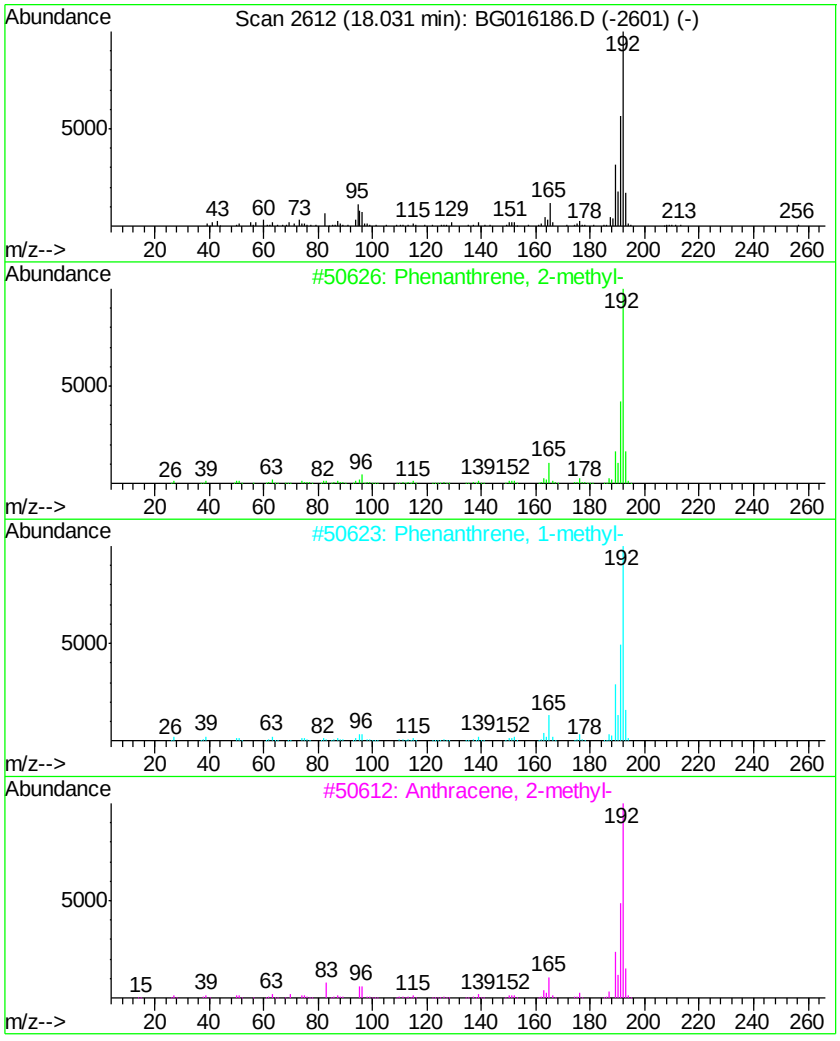
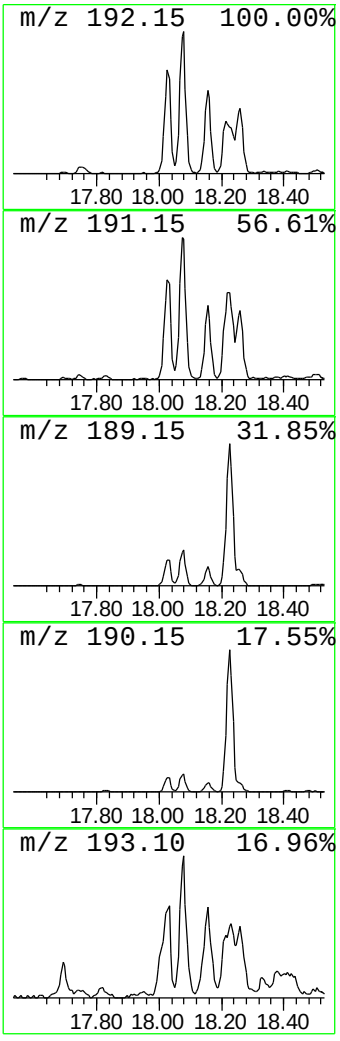
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.84 ng/ul	261714	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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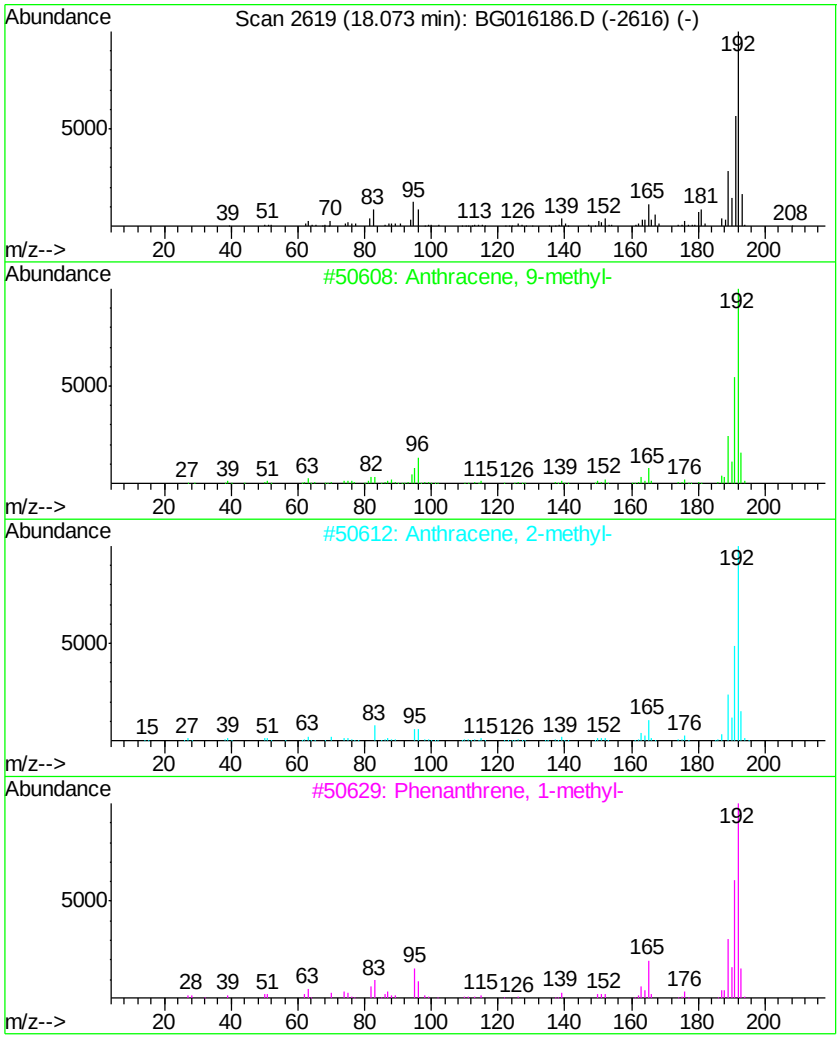
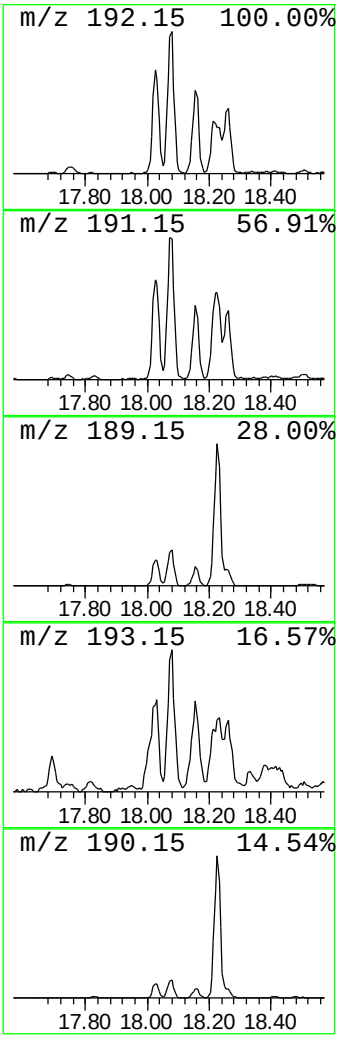
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.31 ng/ul	279562	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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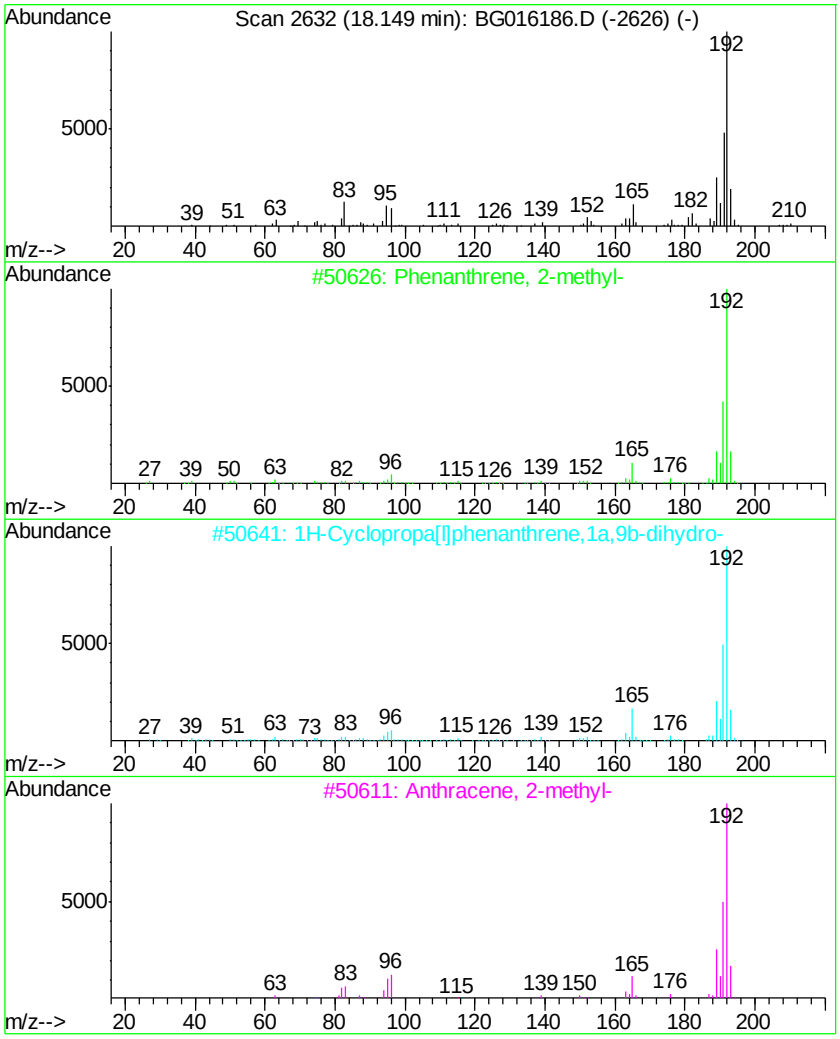
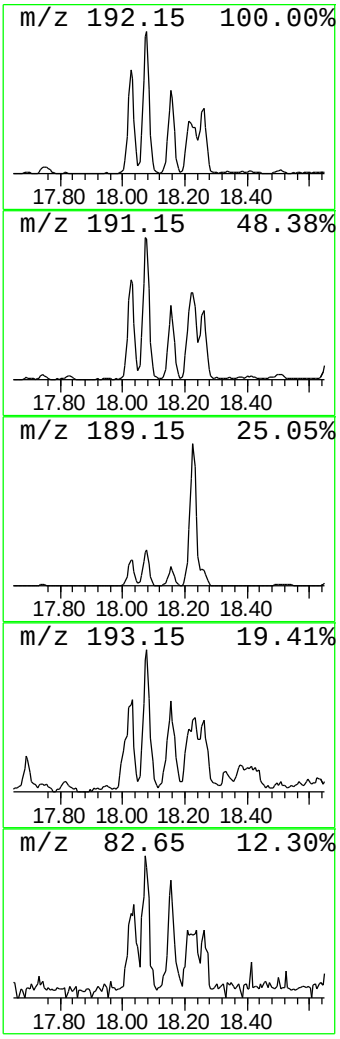
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.74 ng/ul	142994	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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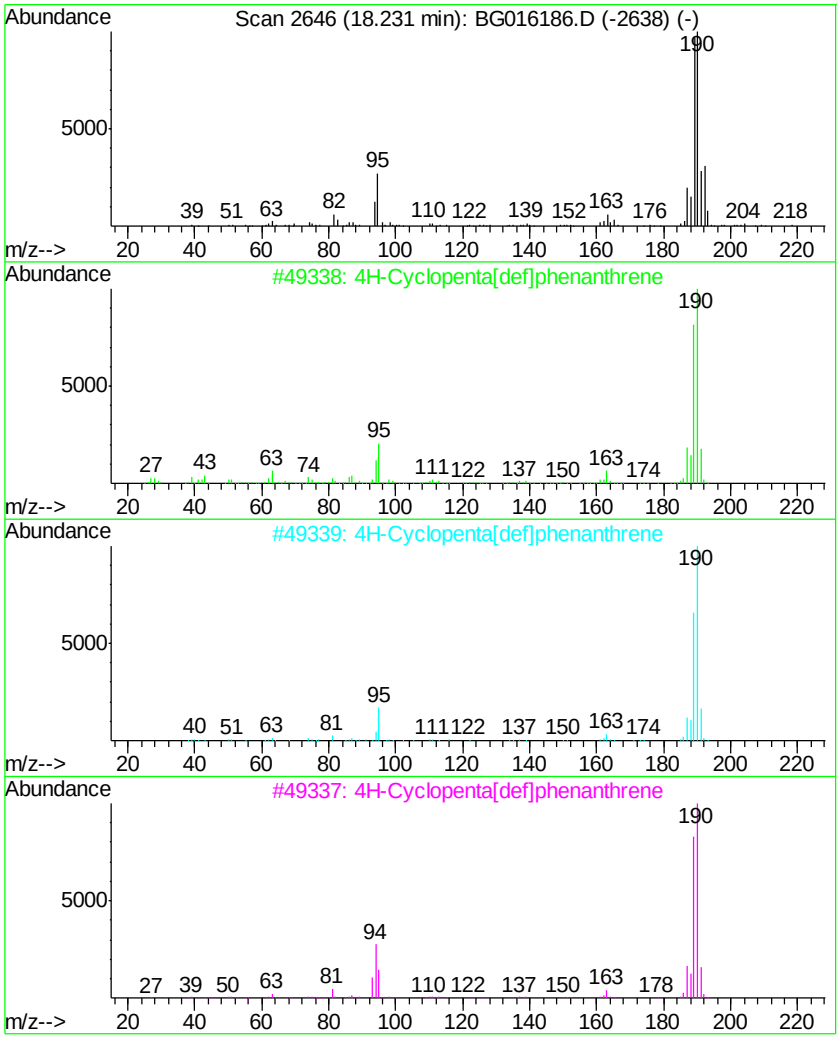
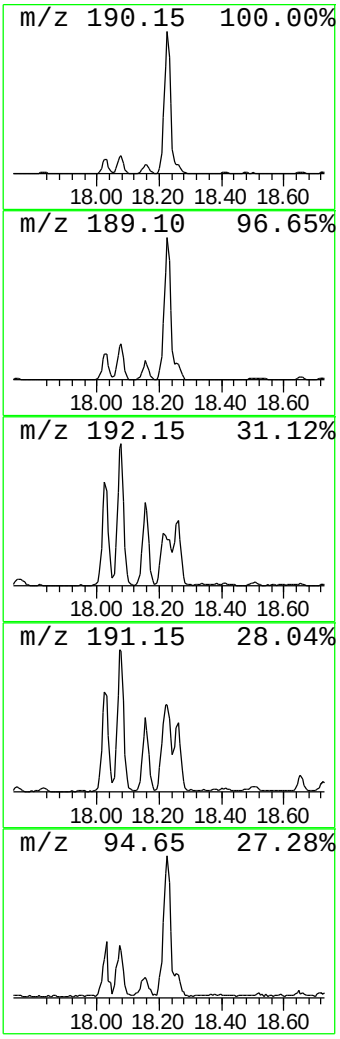
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	10.84 ng/ul	414620	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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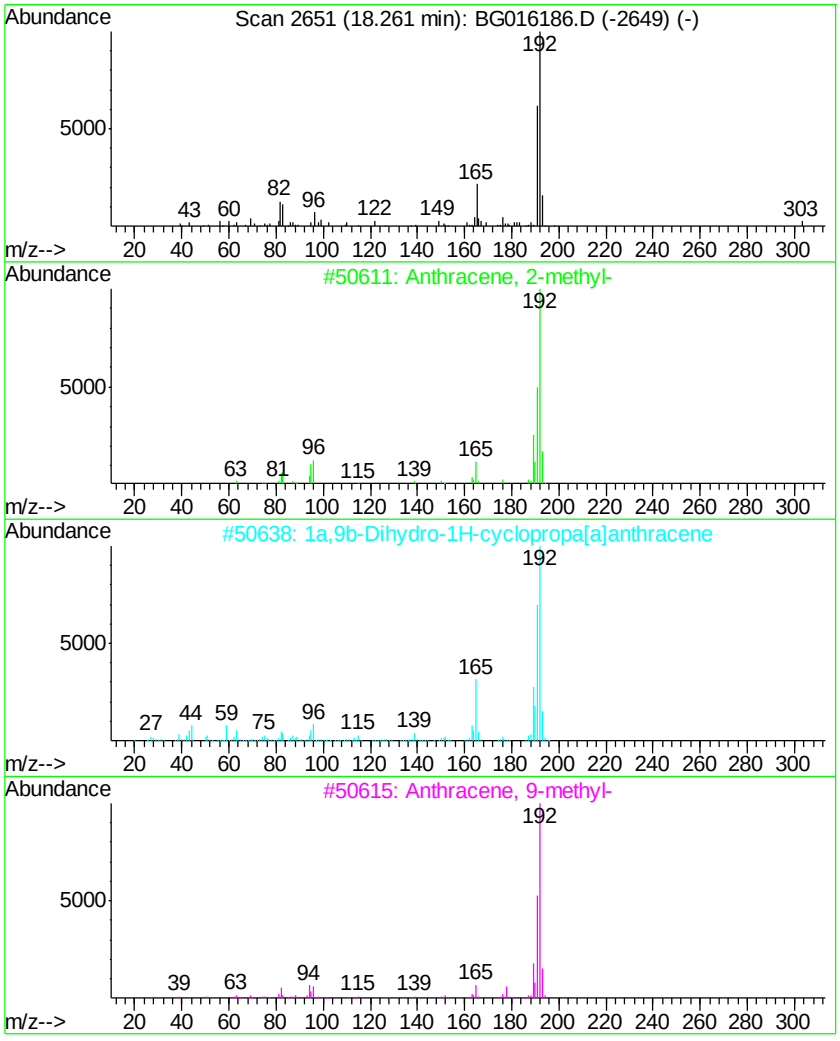
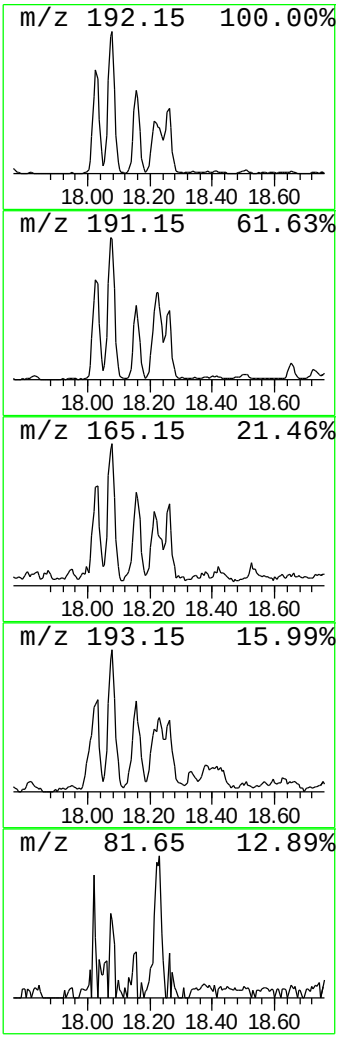
Peak Number 13 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.08 ng/ul	79442	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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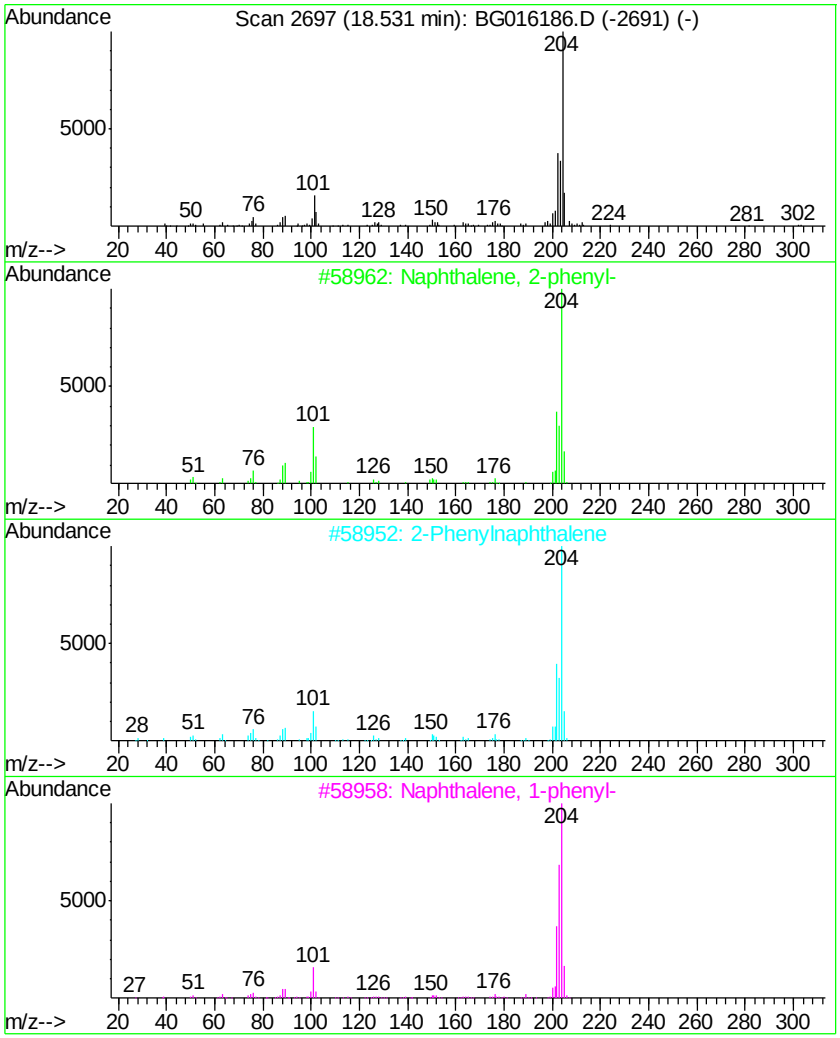
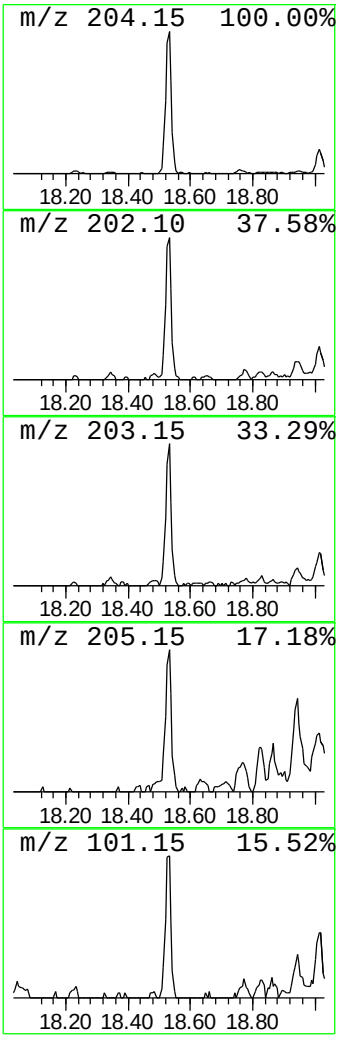
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.16 ng/ul	120942	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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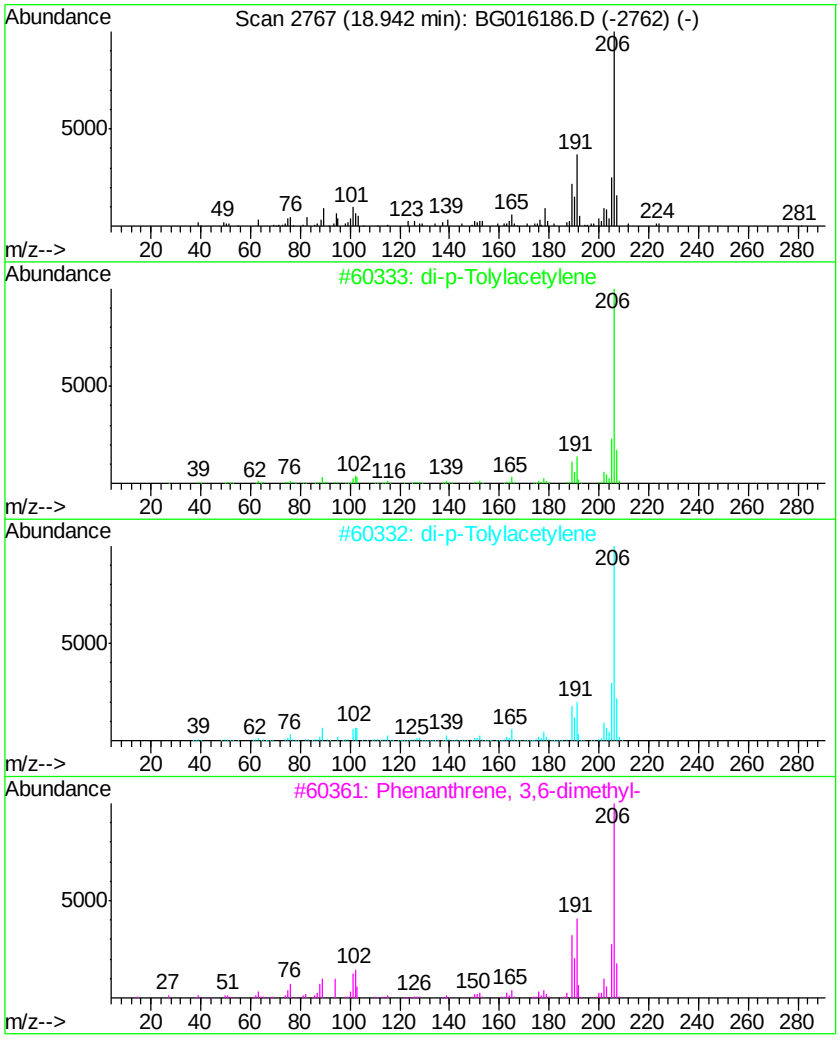
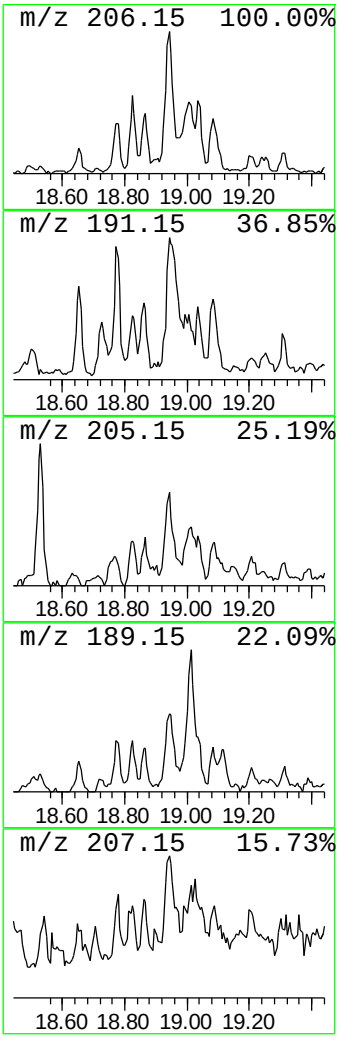
Peak Number 15 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.58 ng/ul	98594	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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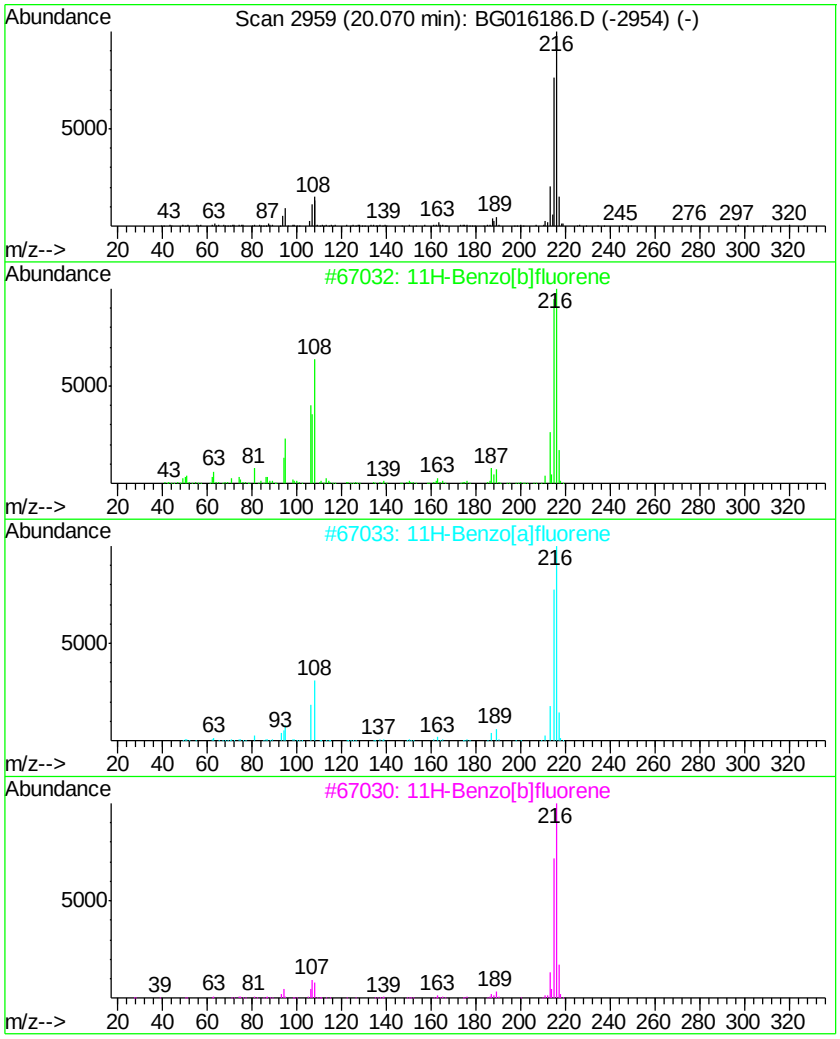
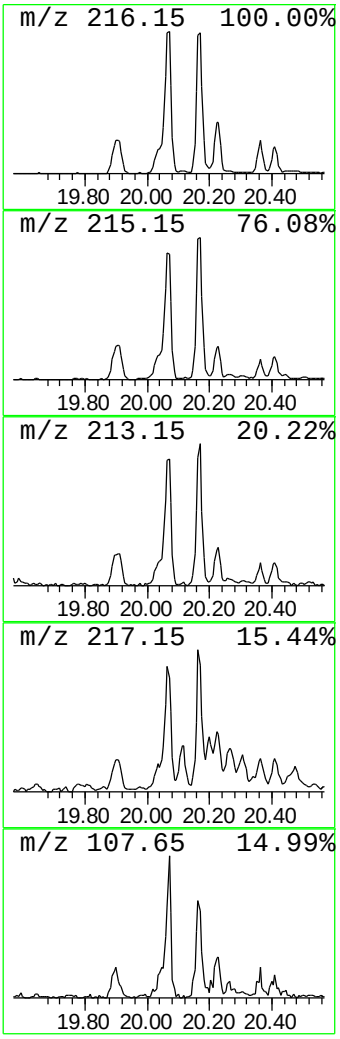
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.61 ng/ul	323817	Chrysene-d12	21.33

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





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ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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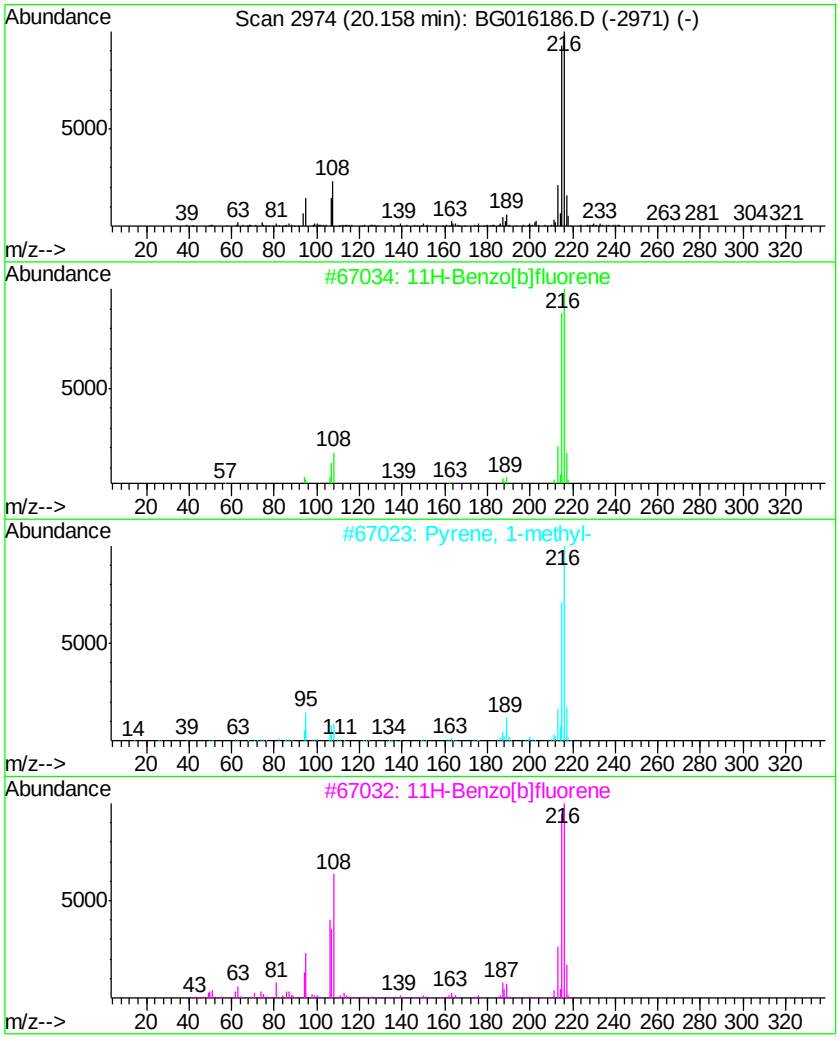
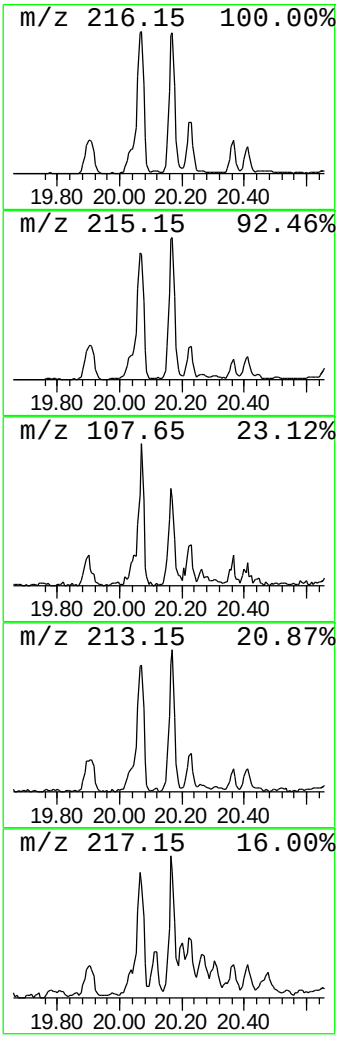
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	3.18 ng/ul	284674	Chrysene-d12	21.33

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





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Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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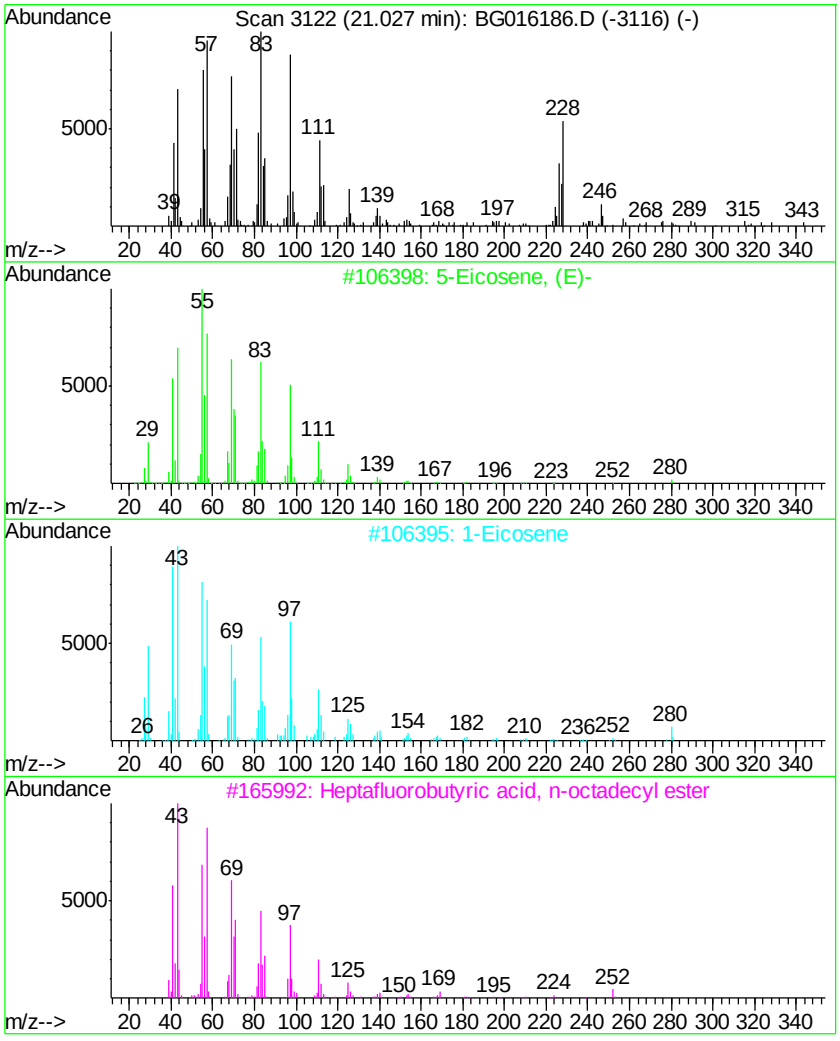
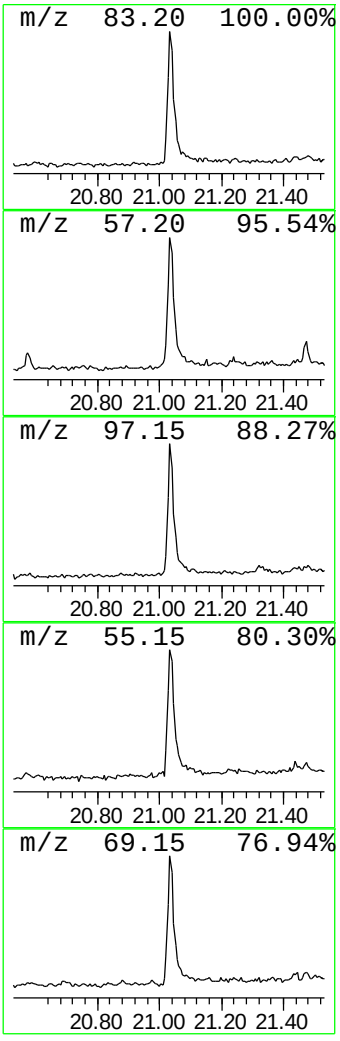
Peak Number 18 (DEL) Alkane: Cyclic Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.71 ng/ul	422060	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	1-Eicosene	280	C20H40	003452-07-1	92
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Octadecanol	270	C18H38O	000112-92-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016186.D
Acq On : 27 Mar 2015 21:47
Operator : TP/IZ
Sample : G1647-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	41.4	ng/ul	609510	1	7.79	294390	20.0
1,4-Methanonaphth...	12.46	3.9	ng/ul	93885	2	10.58	485335	20.0
Naphthalene, 1,5-...	13.73	2.6	ng/ul	86889	3	14.41	668310	20.0
Dibenzofuran, 4-m...	15.75	2.7	ng/ul	90626	3	14.41	668310	20.0
[1,1'-Biphenyl]-4...	15.90	3.6	ng/ul	139325	4	17.16	764975	20.0
9H-Fluorene, 2-me...	16.46	2.6	ng/ul	101216	4	17.16	764975	20.0
Dibenzothiophene	16.97	3.4	ng/ul	130910	4	17.16	764975	20.0
Phenanthrene, 2-m...	18.03	6.8	ng/ul	261714	4	17.16	764975	20.0
Anthracene, 9-met...	18.07	7.3	ng/ul	279562	4	17.16	764975	20.0
1H-Cyclopropa[l]p...	18.15	3.7	ng/ul	142994	4	17.16	764975	20.0
4H-Cyclopenta[def...	18.23	10.8	ng/ul	414620	4	17.16	764975	20.0
1a,9b-Dihydro-1H-...	18.26	2.1	ng/ul	79442	4	17.16	764975	20.0
Naphthalene, 2-ph...	18.53	3.2	ng/ul	120942	4	17.16	764975	20.0
di-p-Tolylacetylene	18.94	2.6	ng/ul	98594	4	17.16	764975	20.0
11H-Benzo[b]fluorene	20.07	3.6	ng/ul	323817	5	21.33	1792090	20.0
Pyrene, 1-methyl-	20.16	3.2	ng/ul	284674	5	21.33	1792090	20.0
(DEL) Alkane: Cyclic	21.03	4.7	ng/ul	422060	5	21.33	1792090	20.0