LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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	218625	377631	15.38%	1.091%
2	3.011	50	55	67	rVB	364296	499335	20.33%	1.443%
3	6.958	721	727	736	rBV	175493	274052	11.16%	0.792%
4	7.123	749	755	762	rBV	148502	222830	9.07%	0.644%
5	7.323	781	789	797	rBV	176500	270836	11.03%	0.783%
6	7.793	862	869	875	rVB	187747	286911	11.68%	0.829%
7	8.492	980	988	995	rBV	221548	353621	14.40%	1.022%
8	8.944	1057	1065	1071	rBV	151628	251301	10.23%	0.726%
9	9.661	1181	1187	1195	rVB	126970	205635	8.37%	0.594%
10	10.195	1271	1278	1288	rVB	213446	343610	13.99%	0.993%
11	10.577	1334	1343	1348	rBV	279866	462872	18.85%	1.338%
12	10.712	1359	1366	1377	rBV	184614	323019	13.15%	0.933%
13	13.244	1790	1797	1803	rBV3	32901	54952	2.24%	0.159%
14	13.573	1848	1853	1863	rBV3	28984	74384	3.03%	0.215%
15	13.737	1874	1881	1885	rBV	53203	92500	3.77%	0.267%
16	13.820	1891	1895	1900	rVV	349098	519983	21.17%	1.503%
17	13.867	1900	1903	1907	rVV	31279	49658	2.02%	0.144%
18	13.967	1912	1920	1924	rBV5	29558	60615	2.47%	0.175%
19	14.108	1938	1944	1955	rBV	466675	731634	29.79%	2.114%
20	14.313	1973	1979	1983	rBV	51569	67135	2.73%	0.194%
21	14.413	1986	1996	2002	rVV2	423725	670304	27.29%	1.937%
22	14.478	2002	2007	2014	rVV	126740	199487	8.12%	0.576%
23	14.613	2024	2030	2040	rVV	175847	277685	11.31%	0.802%
24	14.812	2059	2064	2070	rVV	162022	249104	10.14%	0.720%
25	14.883	2070	2076	2081	rVV	39465	60130	2.45%	0.174%
26	15.030	2096	2101	2105	rVV2	31947	53471	2.18%	0.155%
27	15.200	2122	2130	2133	rBV2	31967	63234	2.57%	0.183%
28	15.259	2137	2140	2146	rVV	63141	81666	3.33%	0.236%
29	15.406	2156	2165	2170	rVV	629306	911671	37.12%	2.635%
30	15.459	2170	2174	2179	rVV	224005	333408	13.58%	0.963%
31	15.523	2180	2185	2189	rVV	115169	179572	7.31%	0.519%
32	15.617	2198	2201	2206	rVV5	32911	64989	2.65%	0.188%
33	15.670	2206	2210	2214	rVV3	40720	69050	2.81%	0.200%
34	15.752	2219	2224	2231	rVB	87970	138633	5.64%	0.401%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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	2257	rVB	84762	182279	7.42%	0.527%
36	15.987	2257	2264	2272	rVB3	21252	51645	2.10%	0.149%
37	16.122	2282	2287	2289	rBV2	102161	153106	6.23%	0.442%
38	16.463	2335	2345	2349	rBV3	63074	133106	5.42%	0.385%
39	16.510	2349	2353	2358	rVV4	32117	58461	2.38%	0.169%
40	16.692	2375	2384	2387	rBV3	55606	116380	4.74%	0.336%
41	16.727	2387	2390	2393	rVV3	54946	75531	3.08%	0.218%
42	16.804	2399	2403	2410	rVV3	51006	93783	3.82%	0.271%
43	16.880	2412	2416	2418	rVV	51336	74872	3.05%	0.216%
44	16.910	2418	2421	2425	rVV	80104	115129	4.69%	0.333%
45	16.968	2427	2431	2441	rVB2	96094	168059	6.84%	0.486%
46	17.156	2456	2463	2466	rBV	487666	772528	31.46%	2.232%
47	17.197	2466	2470	2475	rVV	1260580	1772195	72.16%	5.121%
48	17.250	2475	2479	2483	rVV2	674650	1006756	40.99%	2.909%
49	17.286	2483	2485	2490	rVV	306640	343536	13.99%	0.993%
50	17.333	2490	2493	2500	rVV3	31046	57683	2.35%	0.167%
51	17.556	2527	2531	2534	rBV	50426	67248	2.74%	0.194%
52	17.644	2543	2546	2549	rBV	41690	50798	2.07%	0.147%
53	17.732	2557	2561	2570	rVB4	32982	59190	2.41%	0.171%
54	18.026	2606	2611	2616	rBV	177360	312697	12.73%	0.904%
55	18.073	2616	2619	2625	rVB	270404	361382	14.71%	1.044%
56	18.155	2628	2633	2637	rBV	100401	140970	5.74%	0.407%
57	18.225	2638	2645	2648	rVV3	253455	466490	18.99%	1.348%
58	18.255	2648	2650	2656	rVB2	113160	149855	6.10%	0.433%
59	18.337	2660	2664	2668	rBV2	45665	57223	2.33%	0.165%
60	18.525	2692	2696	2700	rBV	124150	167740	6.83%	0.485%
61	18.566	2700	2703	2708	rVB2	49353	68415	2.79%	0.198%
62	18.772	2735	2738	2741	rBV2	41157	50365	2.05%	0.146%
63	18.860	2750	2753	2758	rVB	44063	56478	2.30%	0.163%
64	18.942	2762	2767	2770	rBV	91566	145968	5.94%	0.422%
65	19.083	2787	2791	2797	rBV	98576	156964	6.39%	0.454%
66	19.212	2807	2813	2818	rVB	1838509	2455971	100.00%	7.097%
67	19.306	2826	2829	2834	rVV3	45947	79189	3.22%	0.229%
68	19.541	2864	2869	2871	rBV2	967631	1338632	54.51%	3.868%
69	19.571	2871	2874	2882	rVV	1487577	2026868	82.53%	5.857%
70	19.641	2882	2886	2893	rVB2	99097	158942	6.47%	0.459%
71	19.747	2900	2904	2910	rVB	99700	134614	5.48%	0.389%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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	19.812	2911	2915	2919	rVB	68405	105162	4.28%	0.304%
73	19.894	2923	2929	2935	rBV3	124529	311526	12.68%	0.900%
74	20.029	2948	2952	2954	rBV2	80359	134626	5.48%	0.389%
75	20.064	2954	2958	2963	rVB	242807	372179	15.15%	1.076%
76	20.164	2971	2975	2979	rBV	144466	190627	7.76%	0.551%
77	20.217	2979	2984	2989	rVB2	155678	279364	11.37%	0.807%
78	20.305	2995	2999	3004	rBV2	37218	58117	2.37%	0.168%
79	20.364	3005	3009	3012	rBV2	80268	109072	4.44%	0.315%
80	20.405	3013	3016	3020	rVB2	76286	105906	4.31%	0.306%
81	20.804	3081	3084	3092	rVB	155481	212521	8.65%	0.614%
82	20.975	3107	3113	3116	rBV2	103214	181943	7.41%	0.526%
83	21.010	3116	3119	3121	rBV	116152	154181	6.28%	0.446%
84	21.104	3131	3135	3146	rVB	162014	266937	10.87%	0.771%
85	21.315	3165	3171	3176	rBV2	1093191	2109555	85.89%	6.096%
86	21.362	3176	3179	3189	rVB	792915	966549	39.36%	2.793%
87	21.480	3195	3199	3204	rBV	91000	126178	5.14%	0.365%
88	21.639	3222	3226	3231	rVB2	82788	134337	5.47%	0.388%
89	21.879	3263	3267	3270	rVB	129634	182737	7.44%	0.528%
90	21.926	3273	3275	3283	rVB	90794	130681	5.32%	0.378%
91	22.079	3298	3301	3304	rBV	56005	79857	3.25%	0.231%
92	22.919	3438	3444	3449	rBV	516236	1234991	50.29%	3.569%
93	23.095	3470	3474	3480	rVB	130128	225953	9.20%	0.653%
94	23.413	3523	3528	3532	rBV	270933	499246	20.33%	1.443%
95	23.465	3532	3537	3541	rVV2	445734	861522	35.08%	2.490%
96	23.512	3541	3545	3551	rVB	496437	894156	36.41%	2.584%
97	23.612	3556	3562	3567	rVV	403300	813597	33.13%	2.351%
98	23.659	3567	3570	3579	rVB2	142760	280053	11.40%	0.809%
99	25.944	3951	3959	3972	rVB2	228293	680032	27.69%	1.965%
100	26.667	4075	4082	4092	rVB	120201	346822	14.12%	1.002%

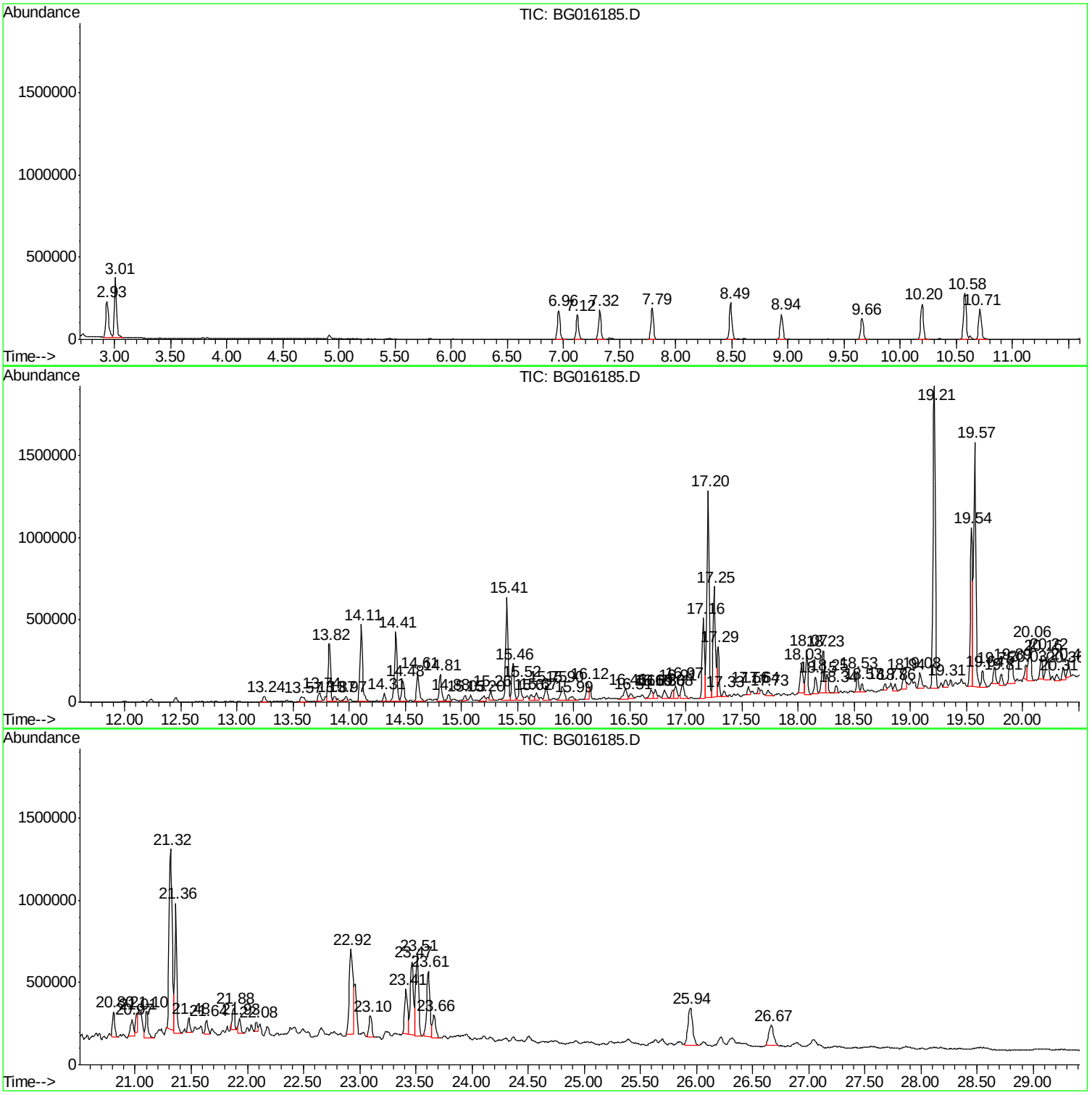
Sum of corrected areas: 34604393

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD1

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 : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

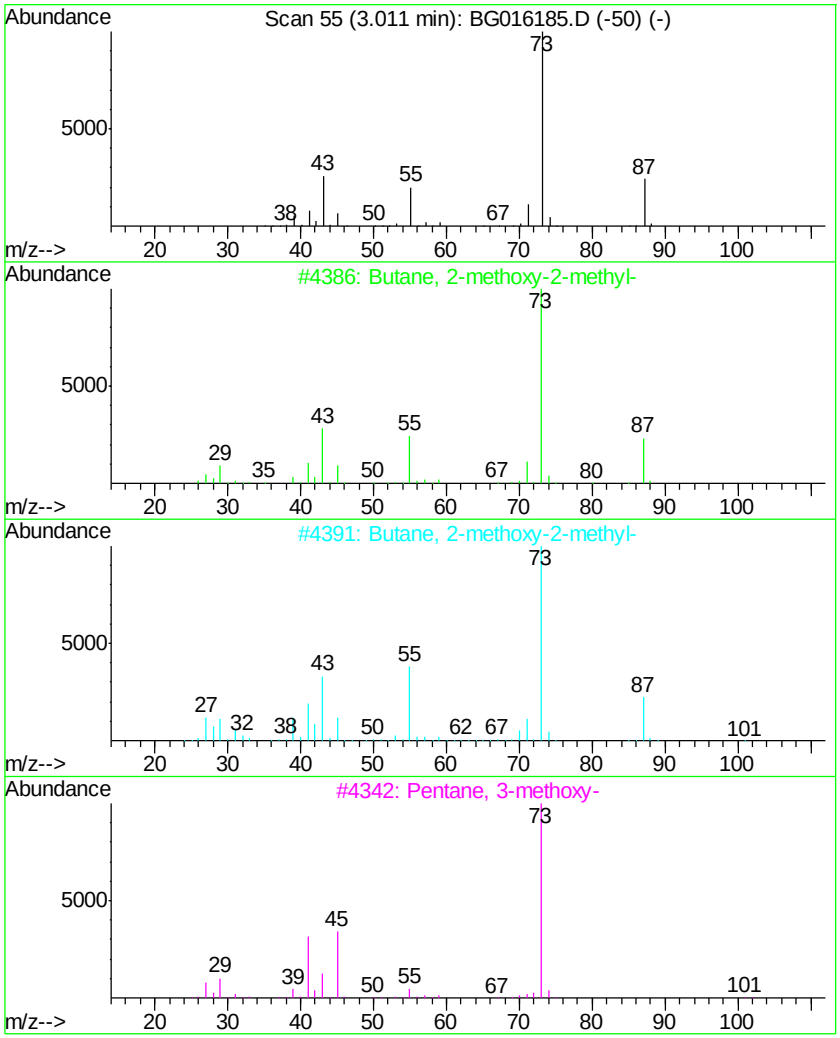
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

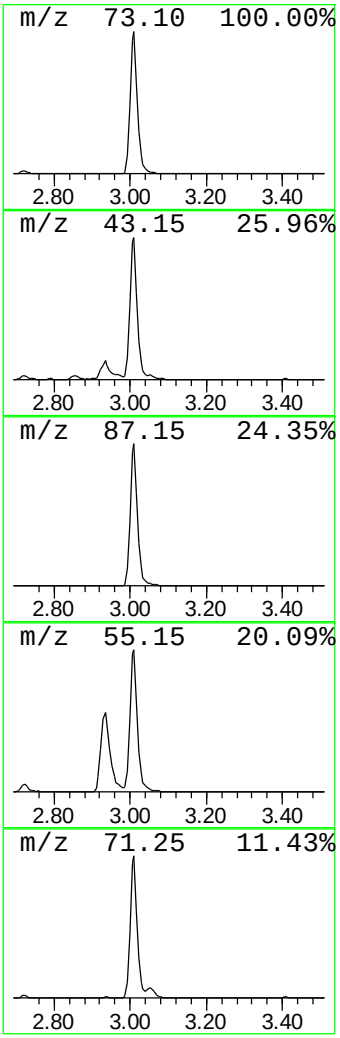
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	34.81 ng/ul	499335	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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

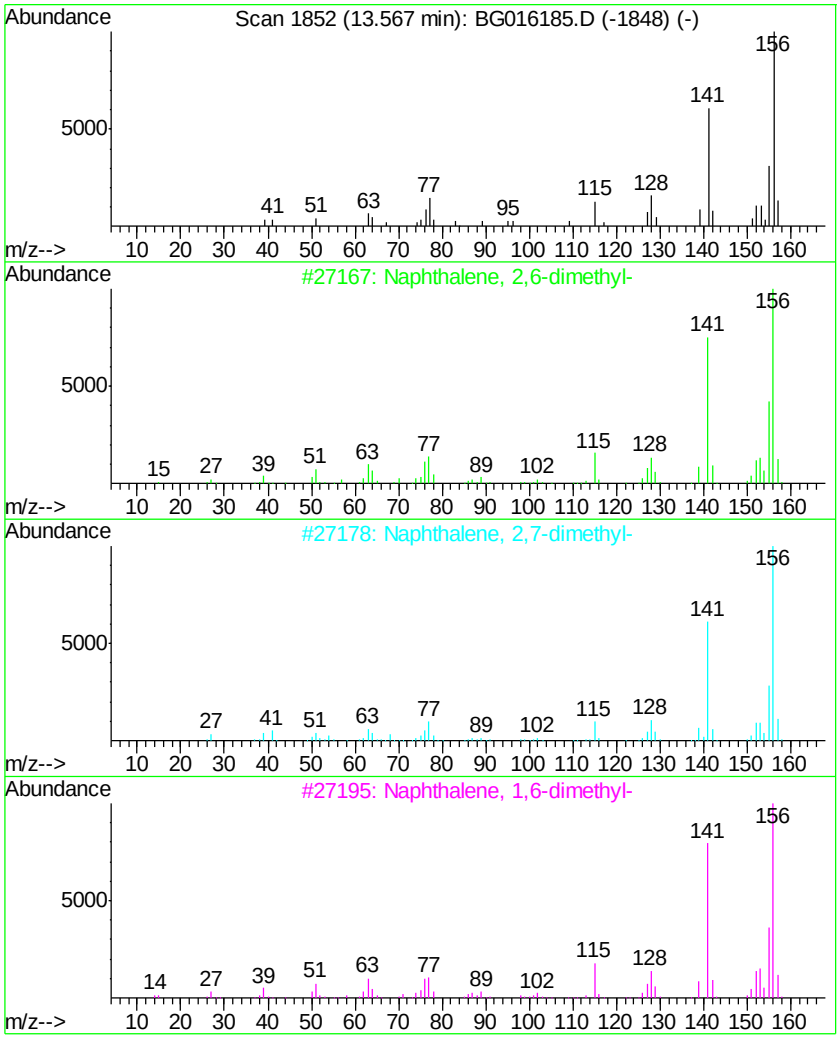
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

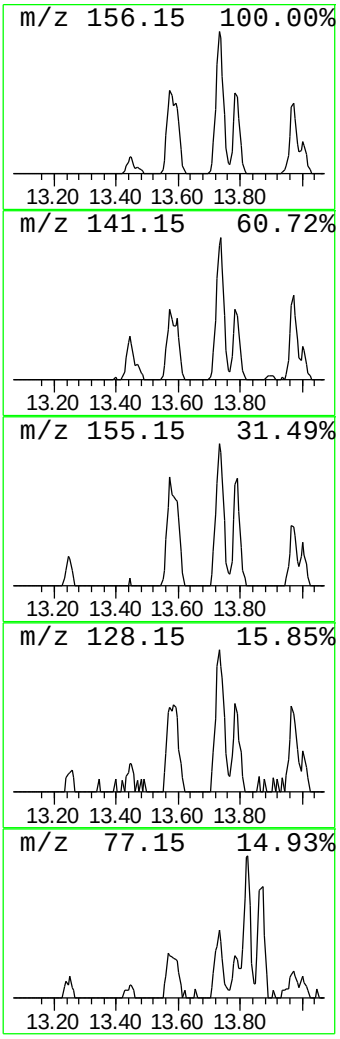
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.22 ng/ul	74384	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

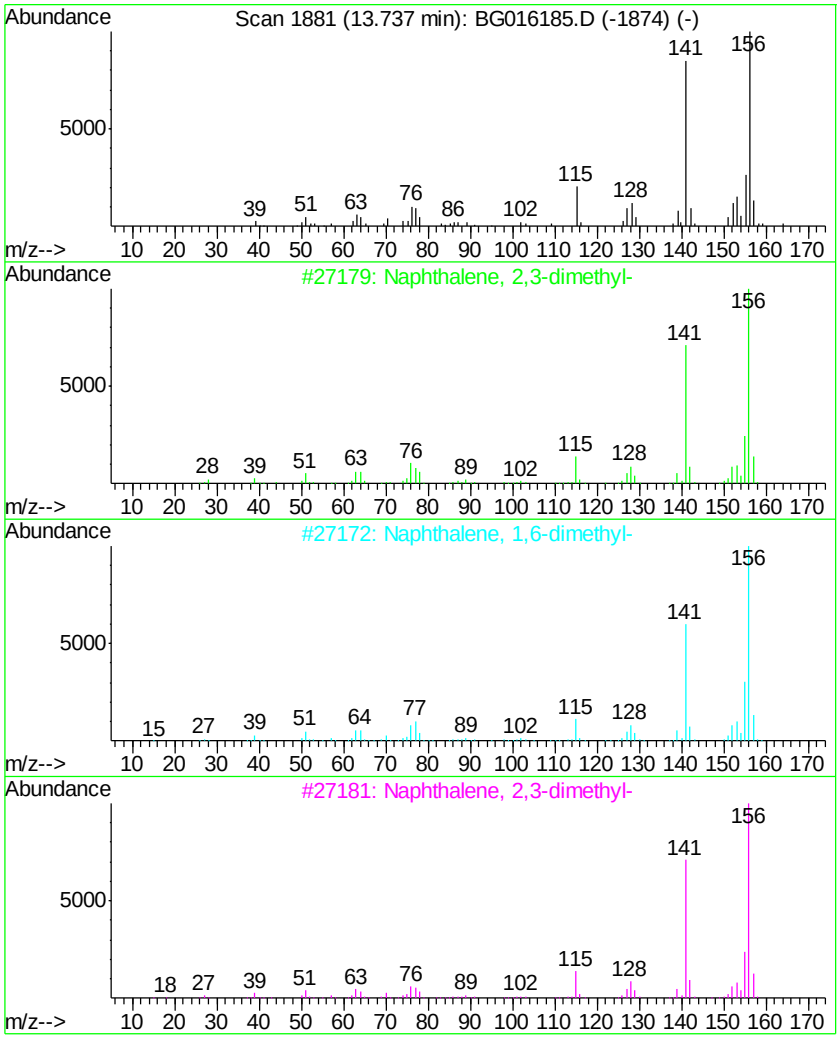
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

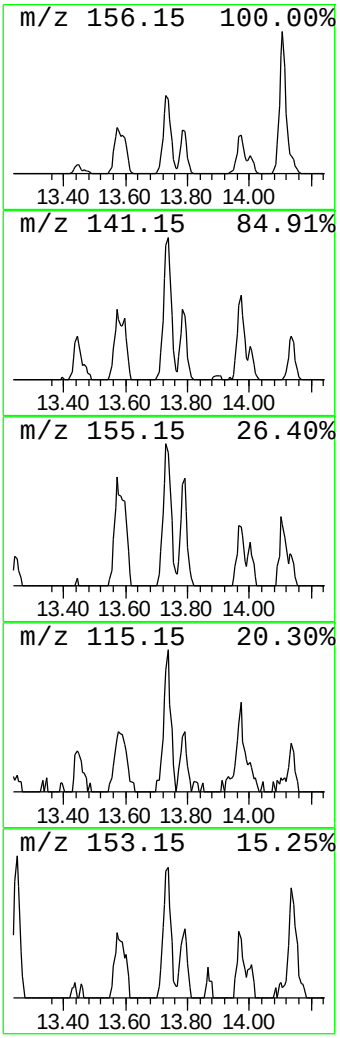
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	2.76 ng/ul	92500	Acenaphthene-d10	14.41

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

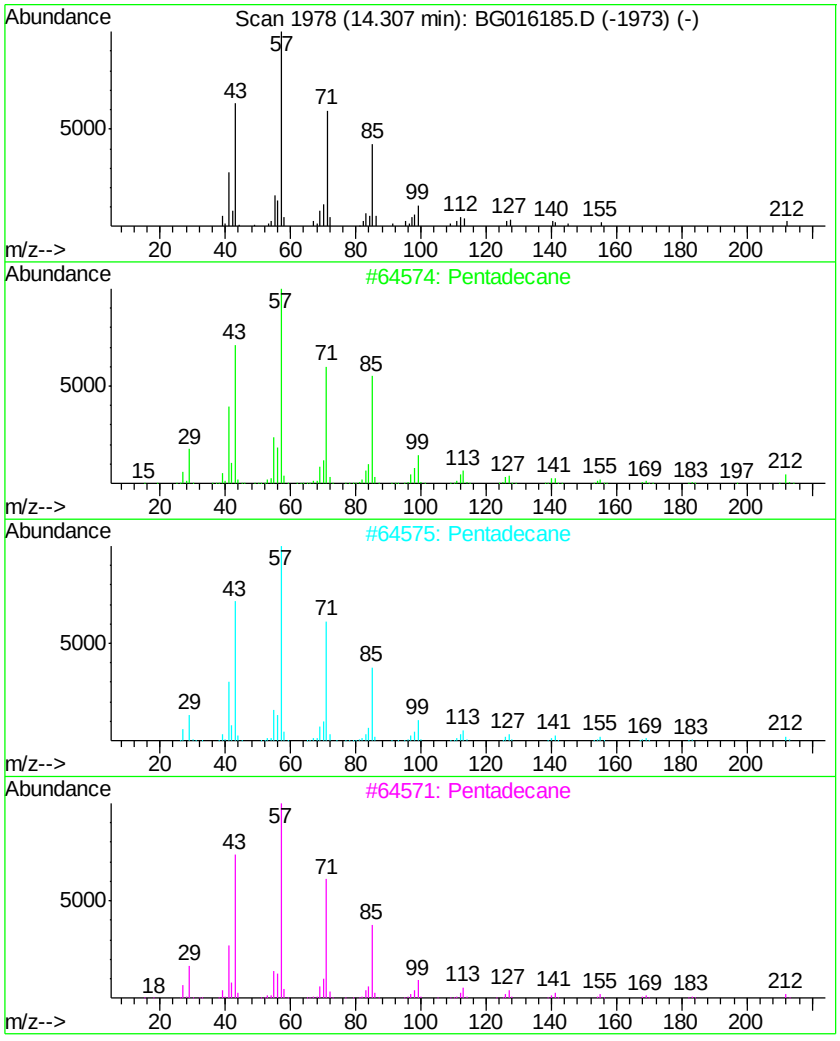
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

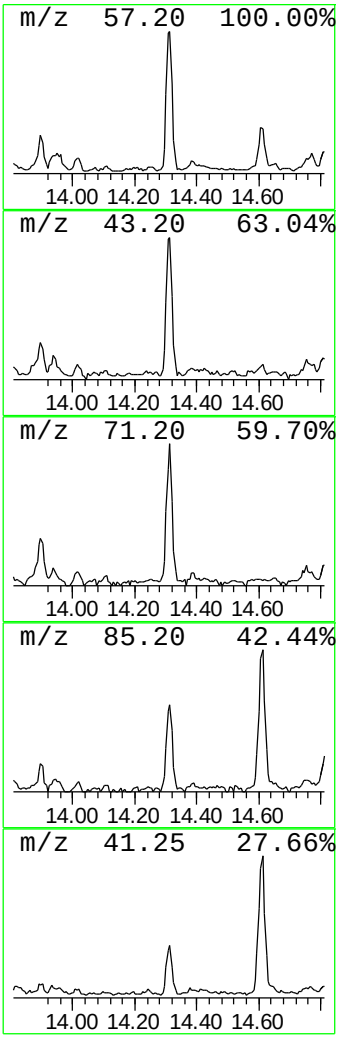
****

Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	2.00 ng/ul	67135	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Pentadecane	212	C15H32	000629-62-9	96
3	Pentadecane	212	C15H32	000629-62-9	96
4	Pentadecane	212	C15H32	000629-62-9	94
5	Pentadecane	212	C15H32	000629-62-9	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

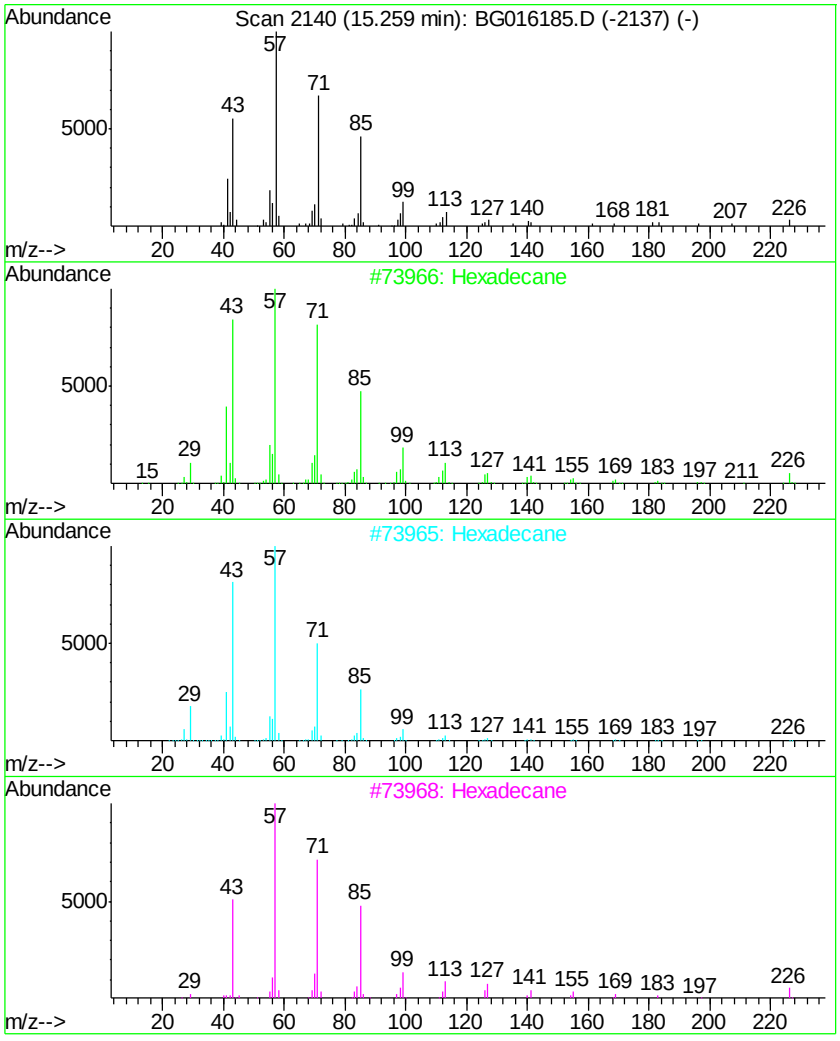
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

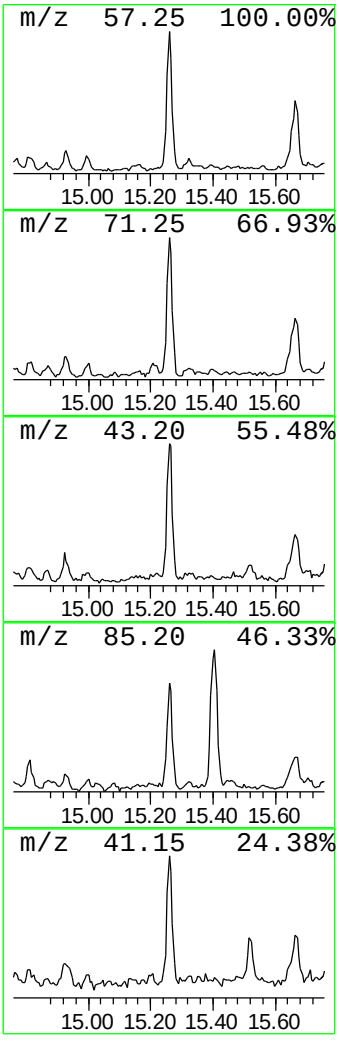
****

Peak Number 6 (DEL) Alkane: Straight-Chain Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	2.44 ng/ul	81666	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Hexadecane	226	C16H34	000544-76-3	94
4	Hexadecane	226	C16H34	000544-76-3	94
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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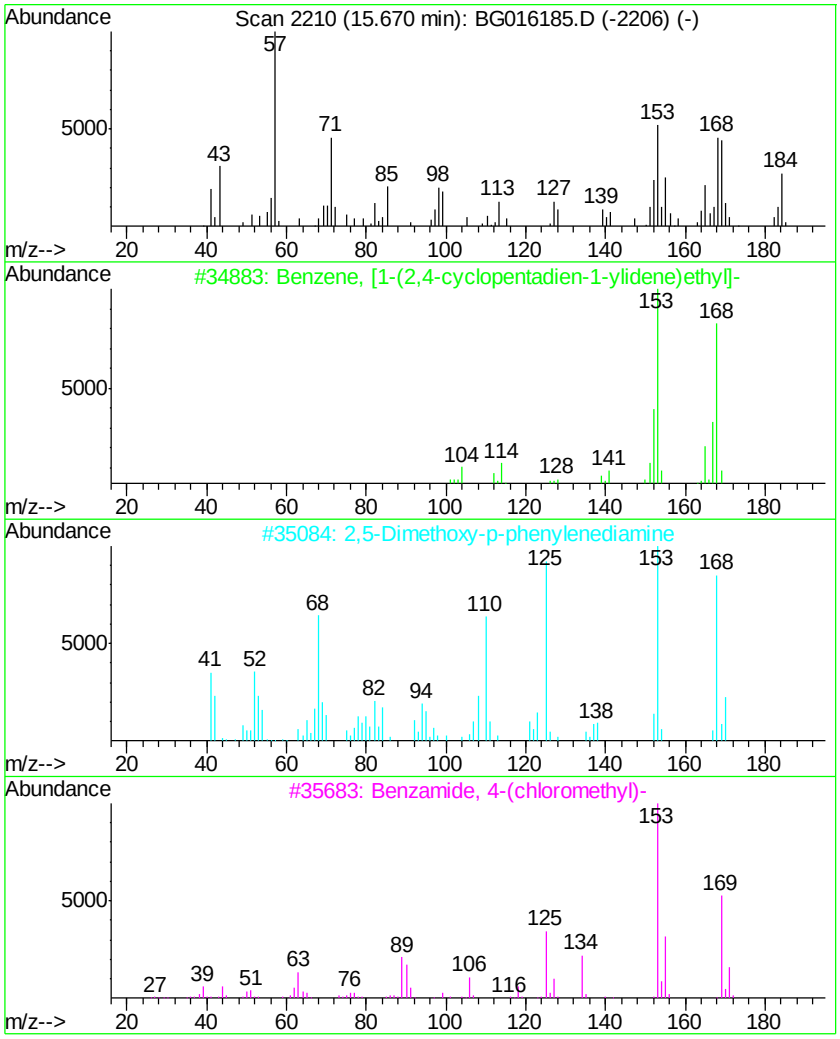
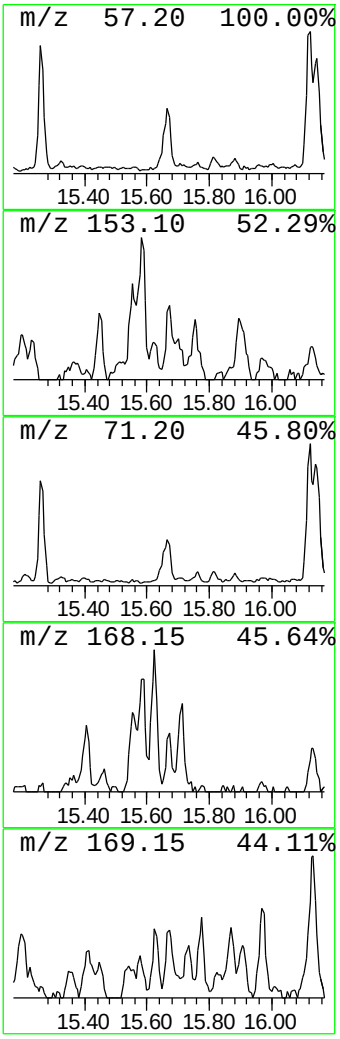
Peak Number 7 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.06 ng/ul	69050	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	32
2	2,5-Dimethoxy-p-phenylenediamine	168	C8H12N2O2	017626-02-7	22
3	Benzamide, 4-(chloromethyl)-	169	C8H8ClNO	084545-14-2	16
4	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	16
5	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	12





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Operator : TP/IZ
Sample : G1647-12
Misc :
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Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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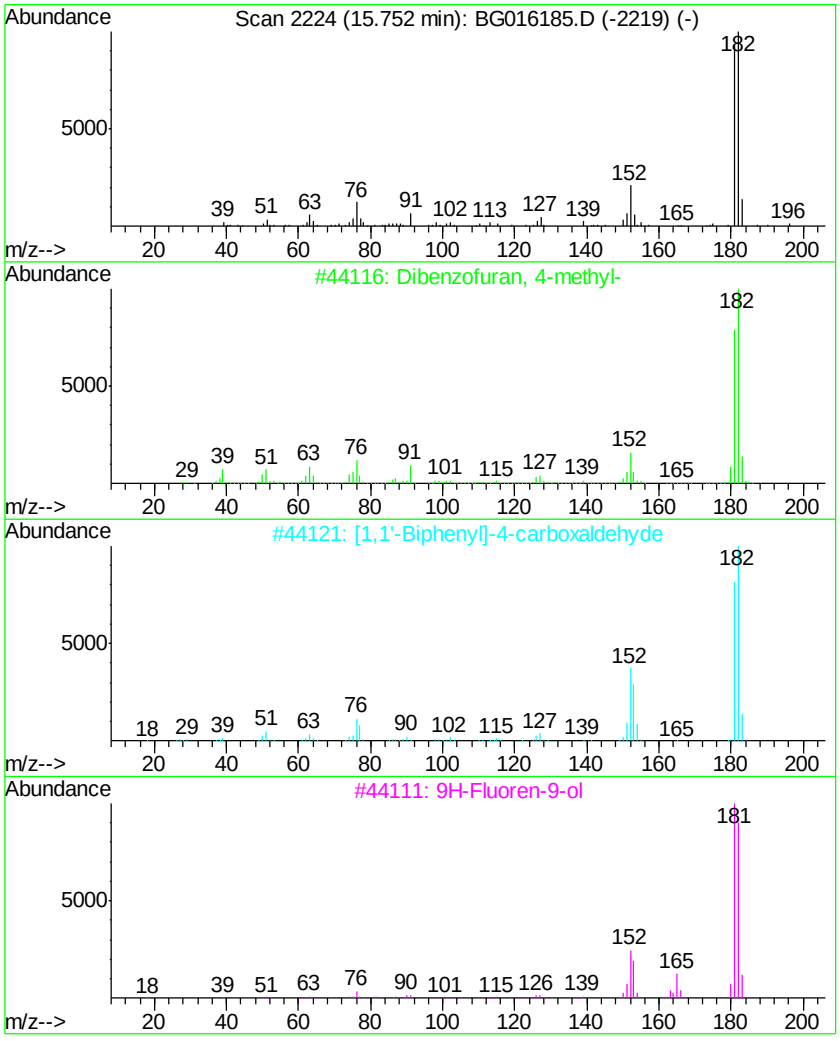
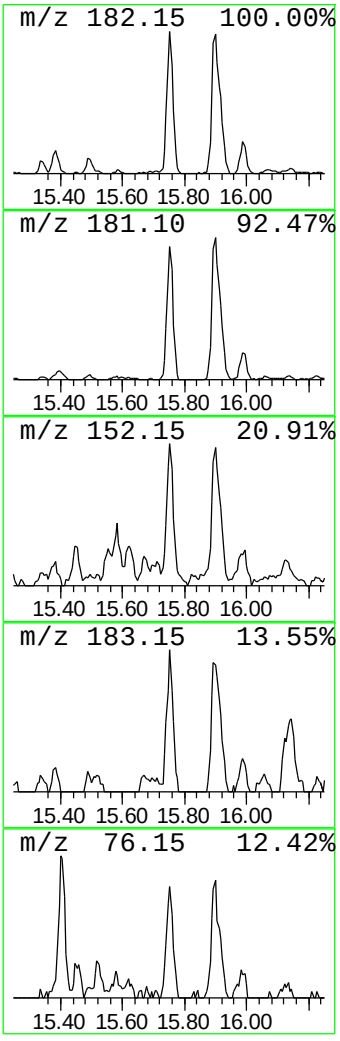
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	4.14 ng/ul	138633	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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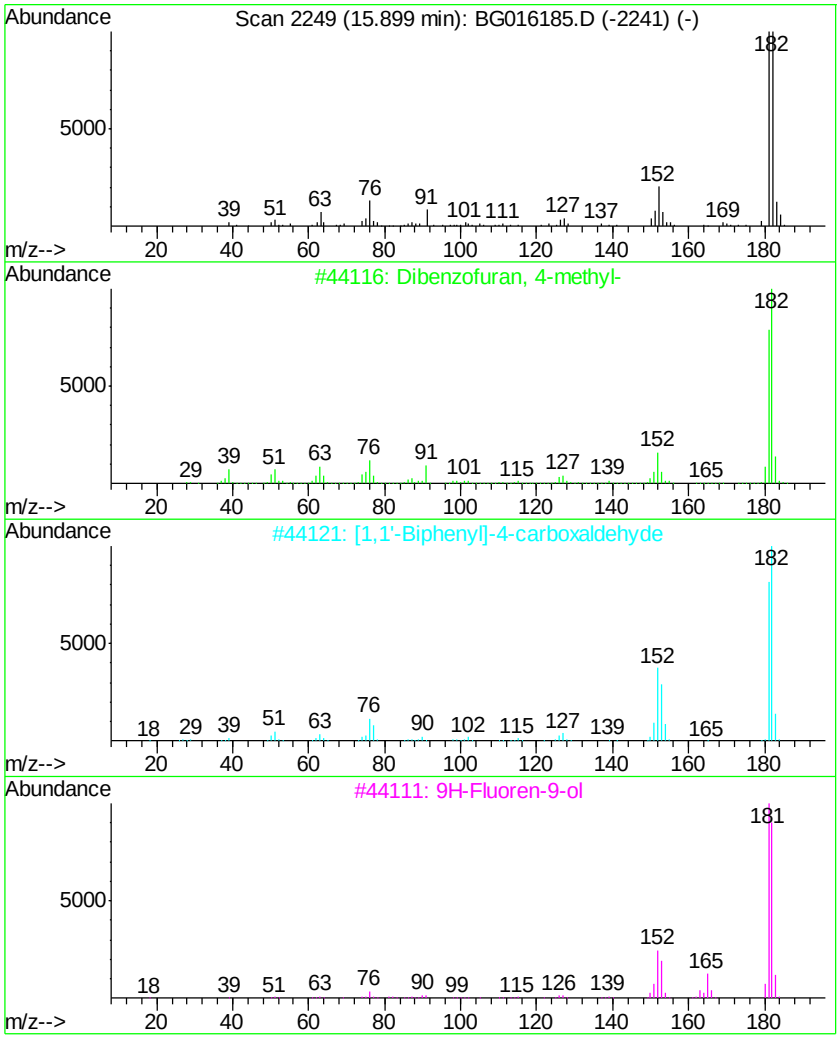
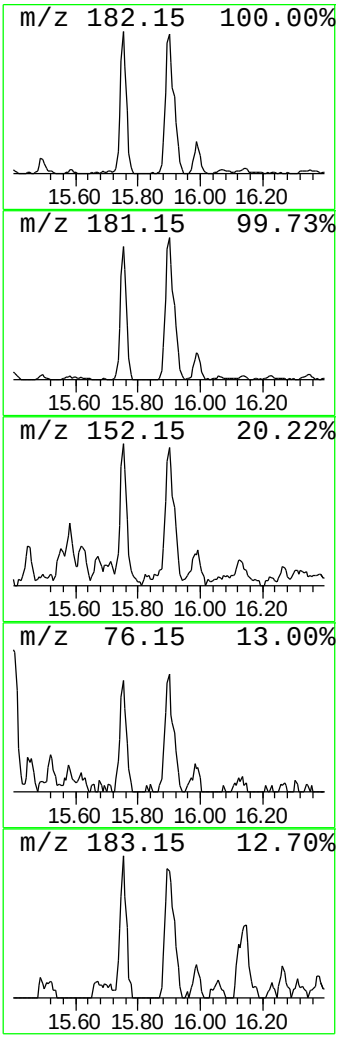
Peak Number 9 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.72 ng/ul	182279	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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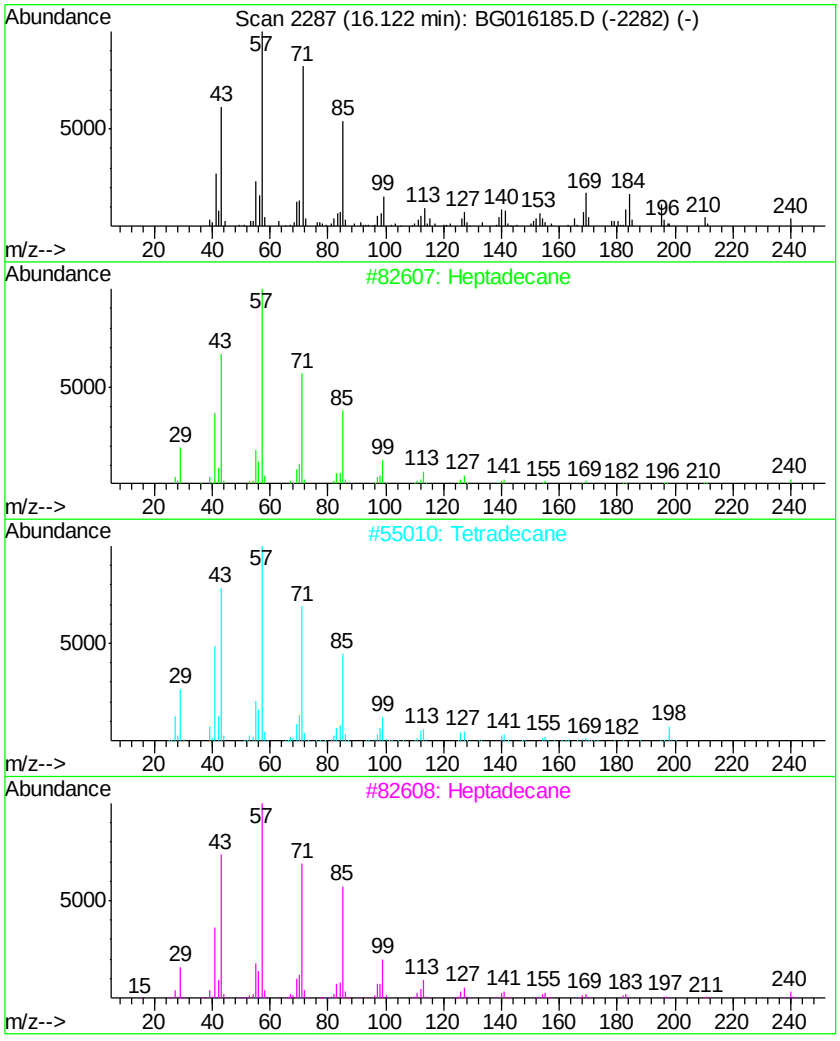
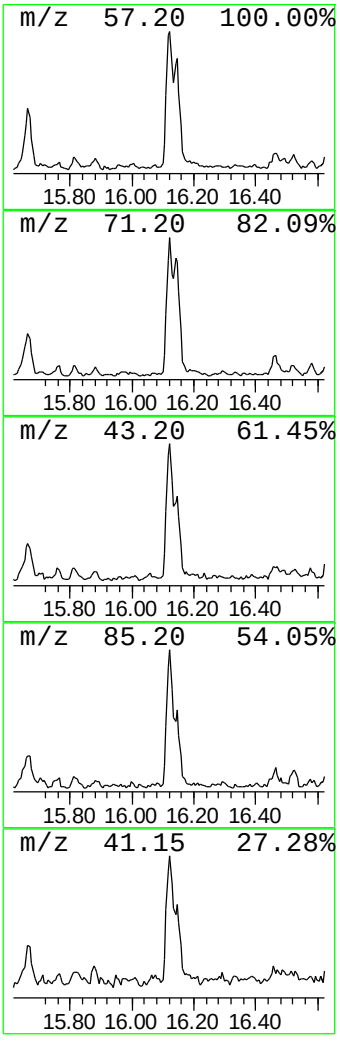
Peak Number 10 (DEL) Alkane: Straight-Chain Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.96 ng/ul	153106	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Heptadecane	240	C17H36	000629-78-7	95
4	Tridecane	184	C13H28	000629-50-5	90
5	Heptadecane	240	C17H36	000629-78-7	83





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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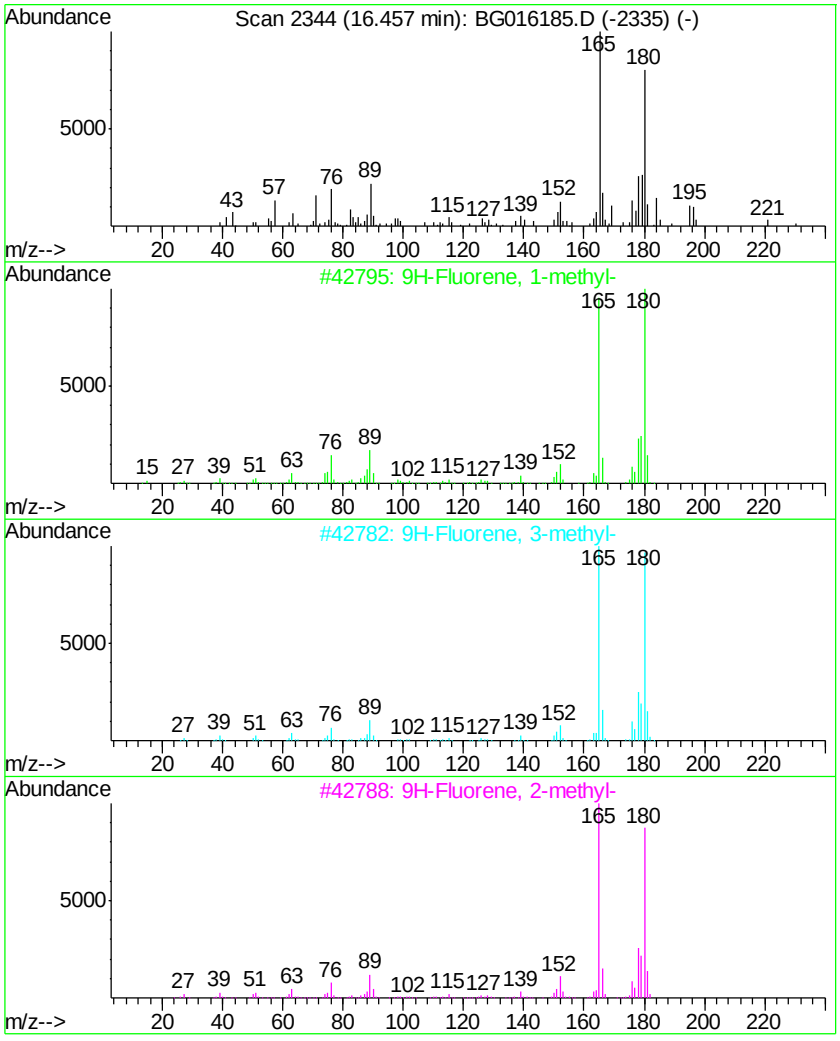
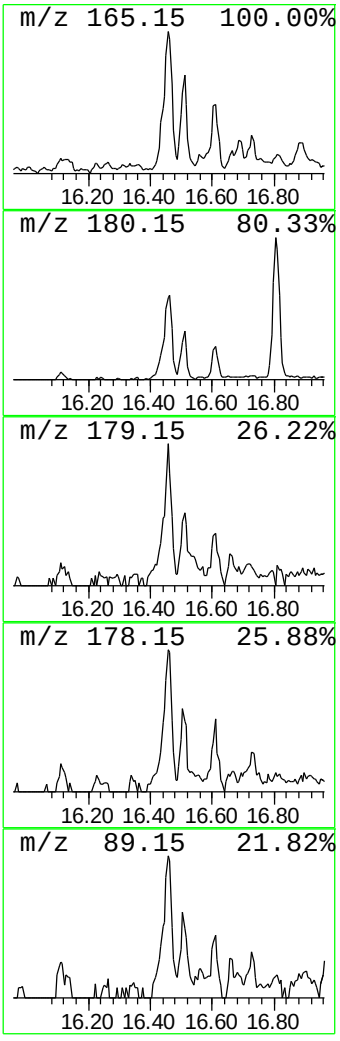
Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	3.45 ng/ul	133106	Phenanthrene-d10	17.16

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





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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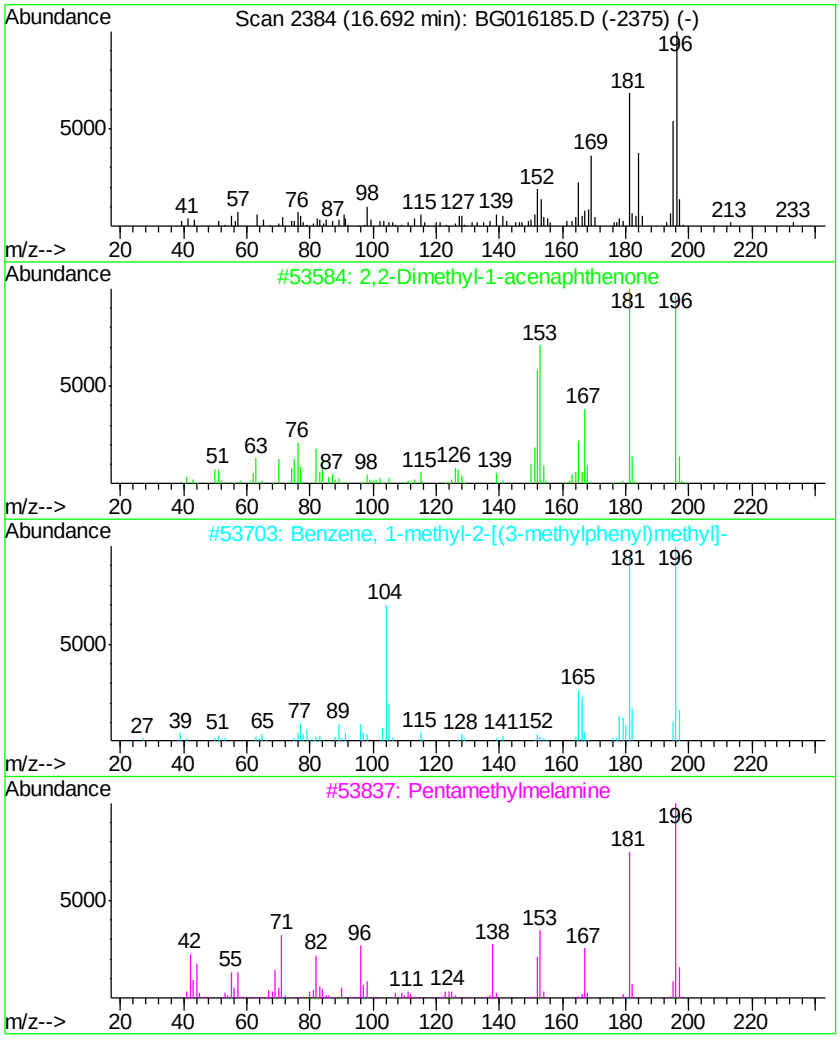
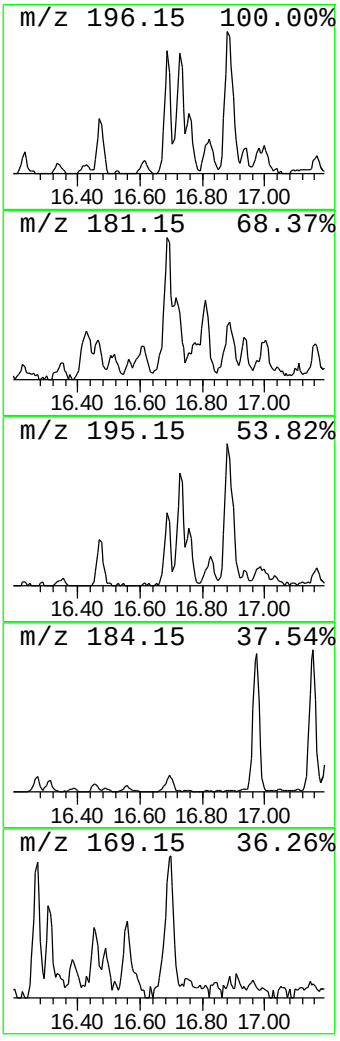
Peak Number 12 2,2-Dimethyl-1-acenaphthenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	3.01 ng/ul	116380	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	53
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	49
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	47
4	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	47
5	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	46





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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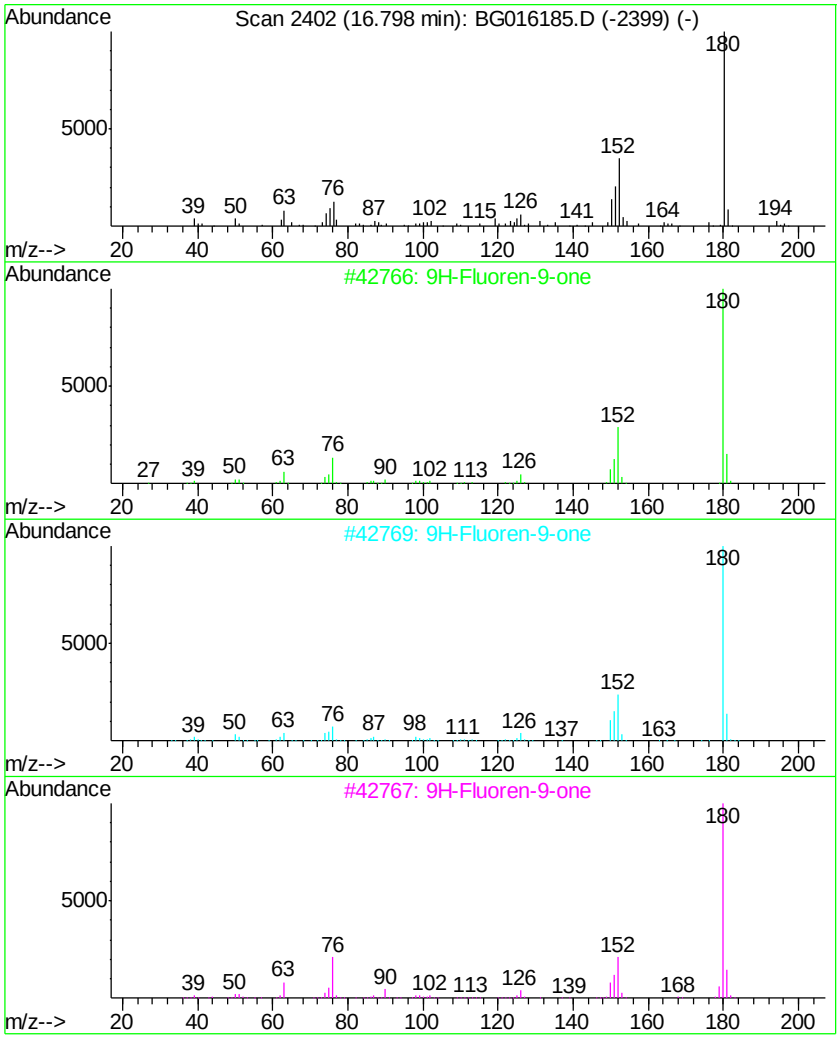
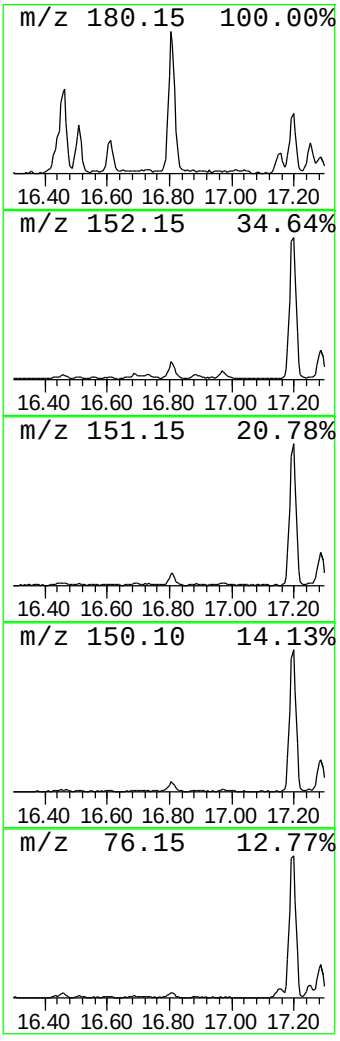
Peak Number 13 9H-Fluoren-9-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.43 ng/ul	93783	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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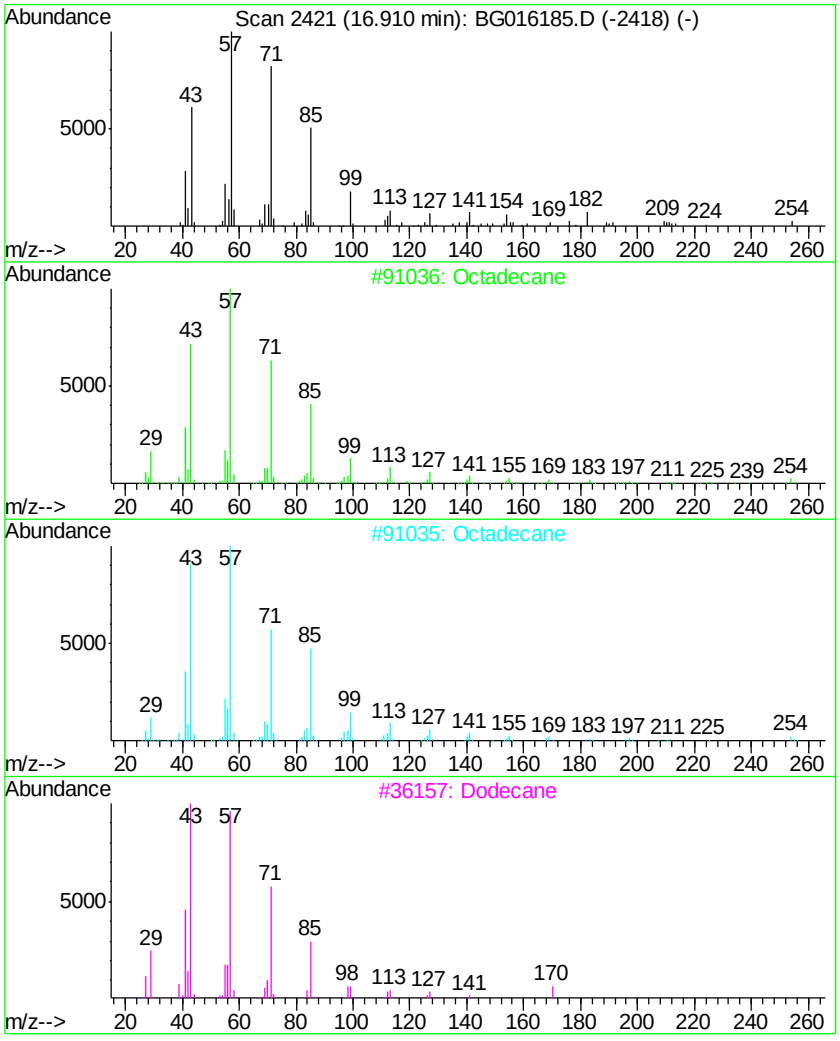
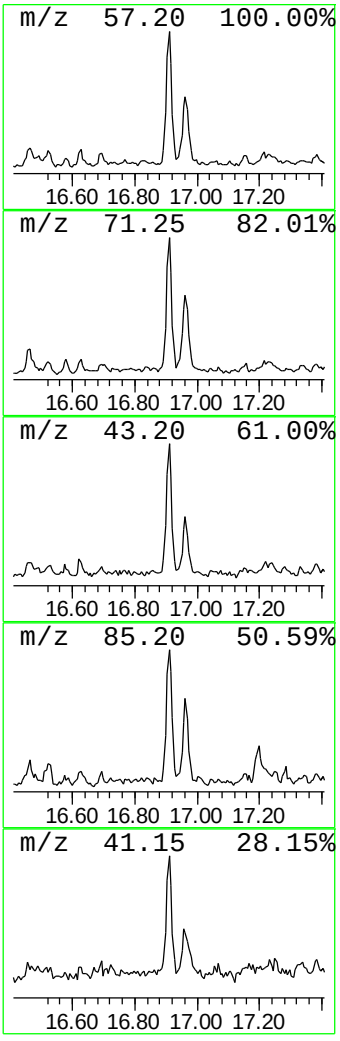
Peak Number 14 (DEL) Alkane: Straight-Chain Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.98 ng/ul	115129	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octadecane	254	C18H38	000593-45-3	83
3	Dodecane	170	C12H26	000112-40-3	80
4	Decane, 3-methyl-	156	C11H24	013151-34-3	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Quant Title : SVOA CALIBRATION

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

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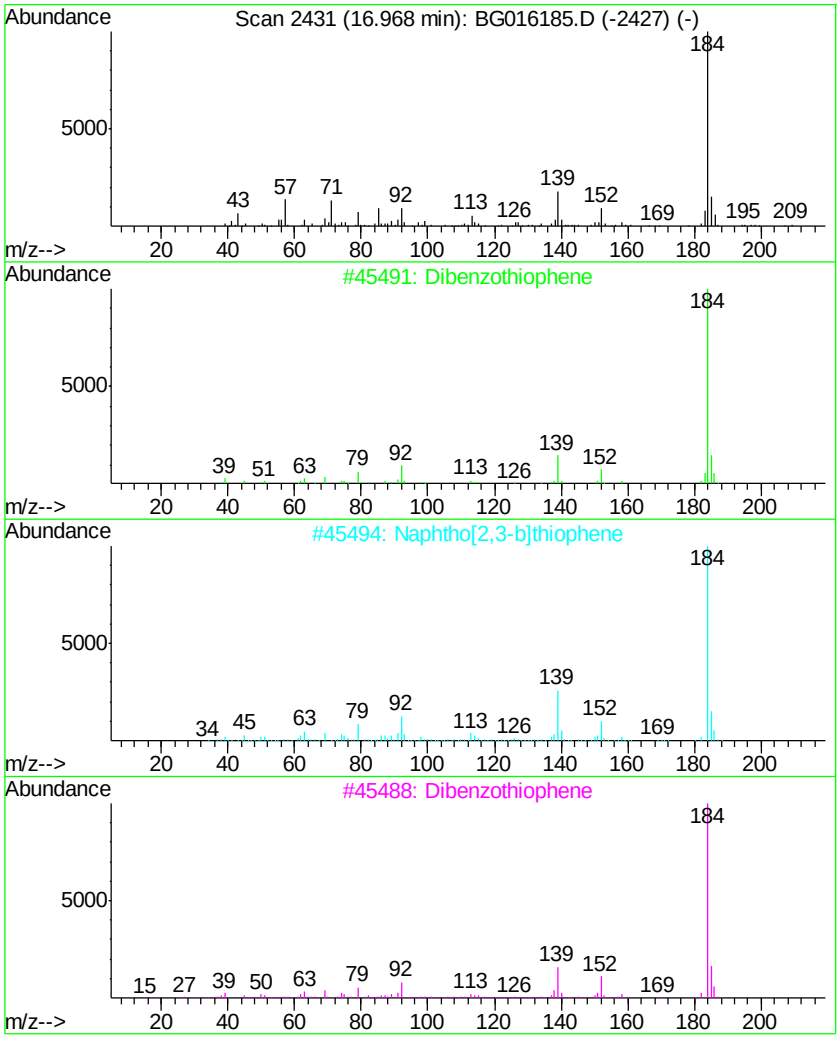
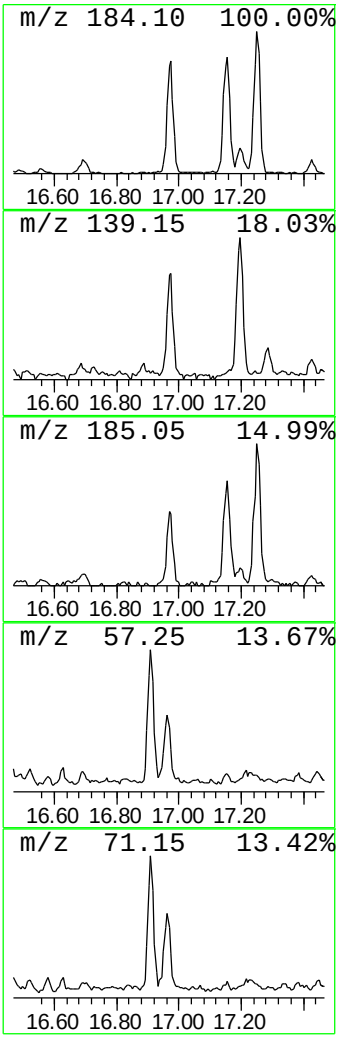
Peak Number 15 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	4.35 ng/ul	168059	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene	184	C12H8S	000132-65-0	90





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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 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.10 ng/ul	312697	Phenanthrene-d10	17.16

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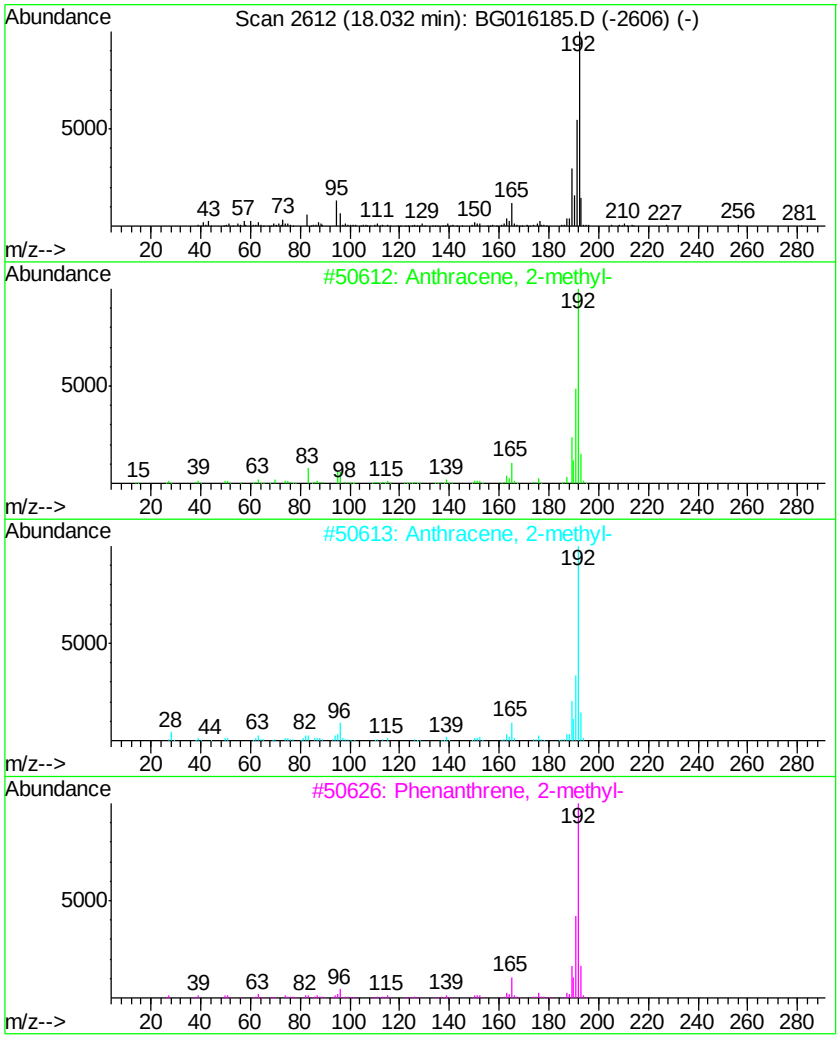

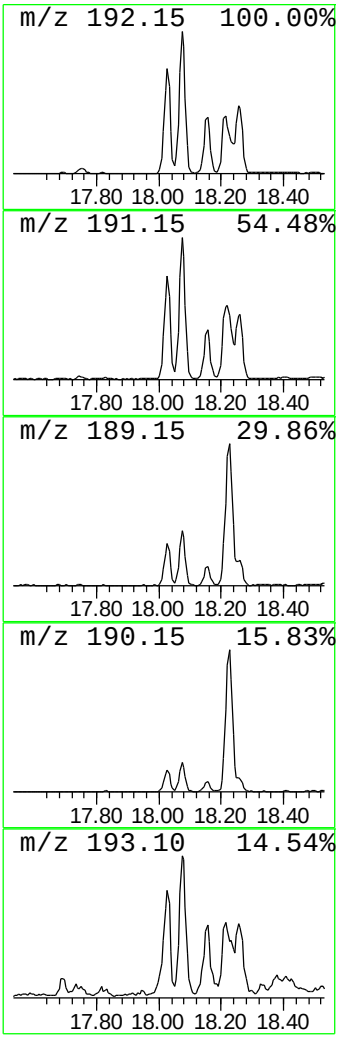

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ClientSampleId : C0AD1

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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 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	9.36 ng/ul	361382	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
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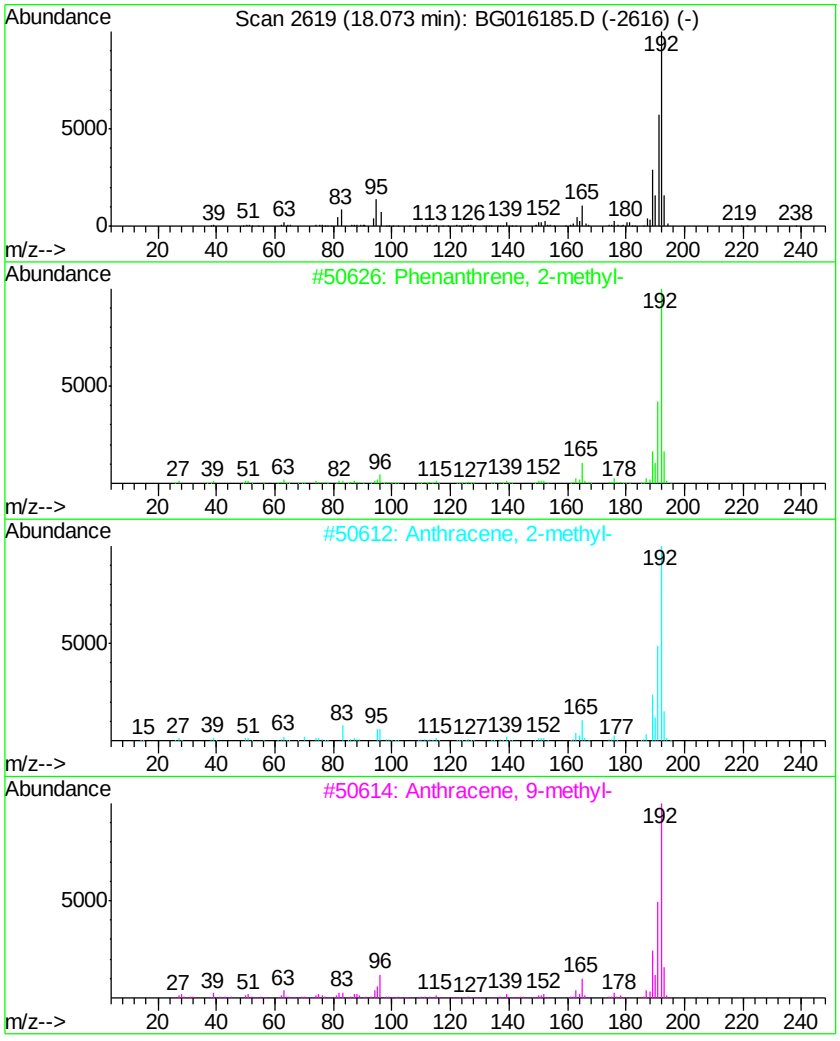

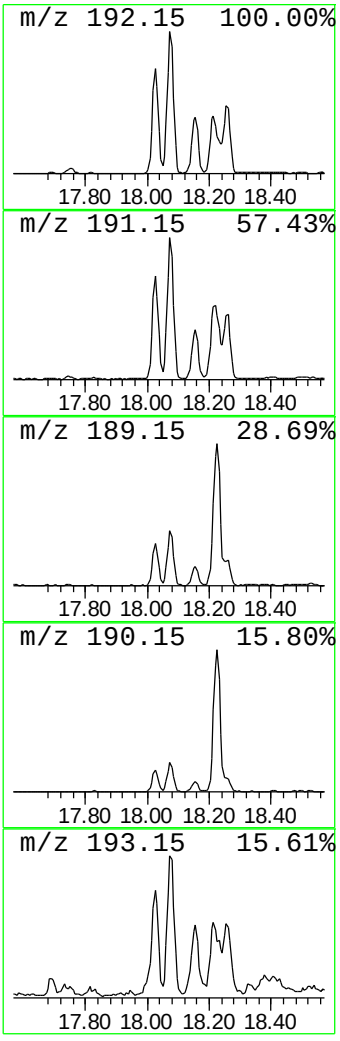

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Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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Quant Title : SVOA CALIBRATION

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

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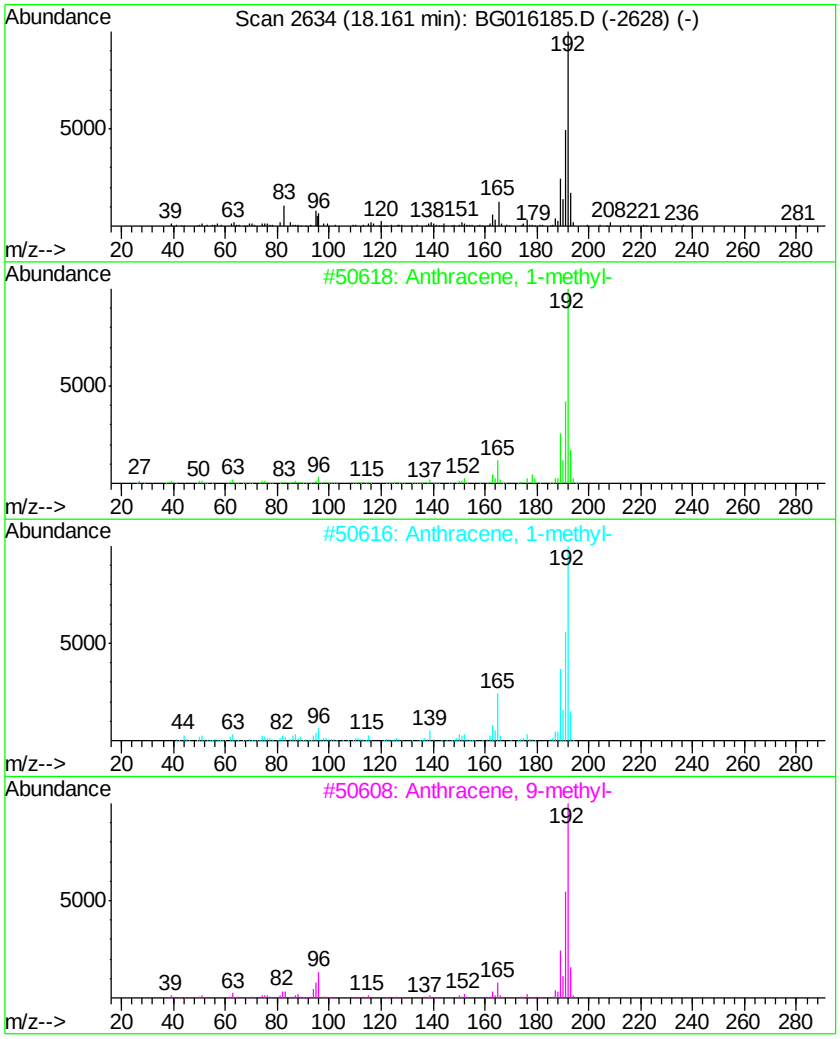
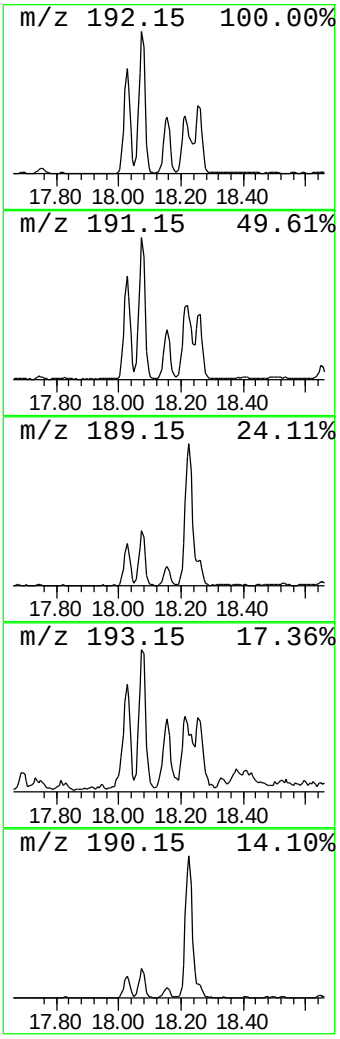
Peak Number 18 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.65 ng/ul	140970	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

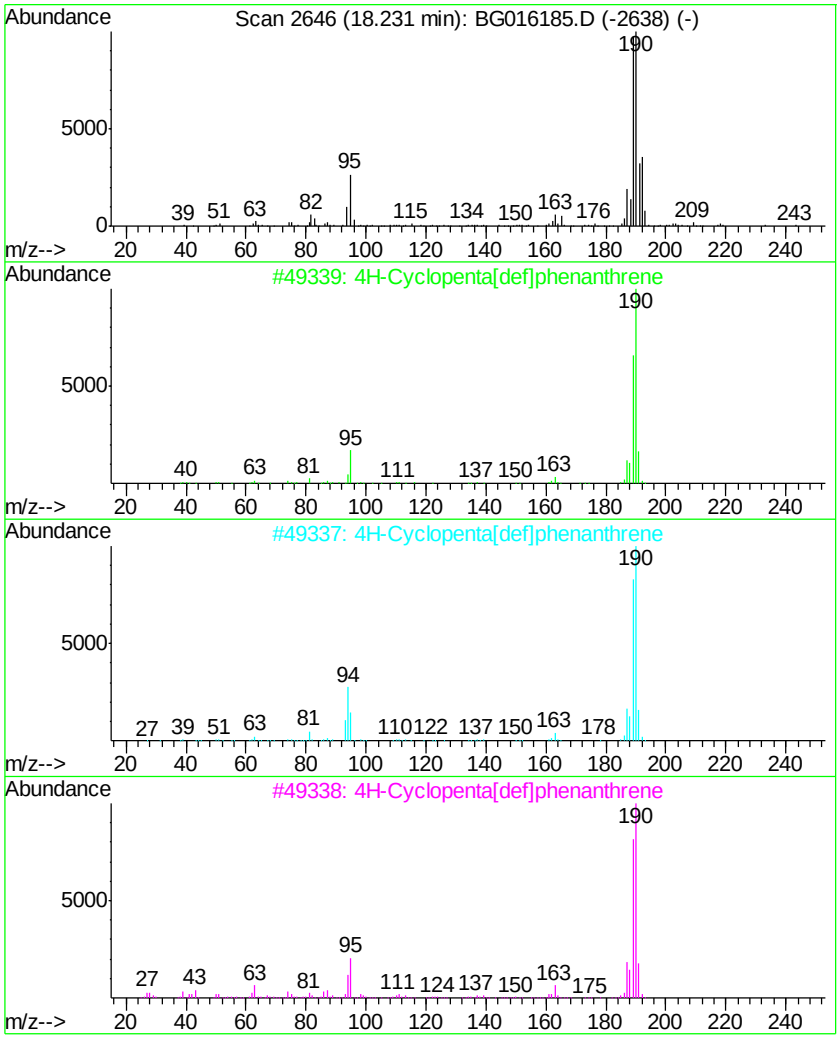
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

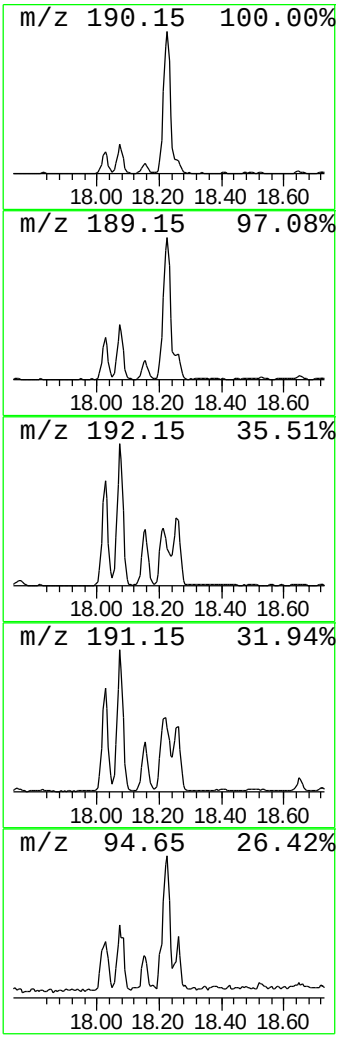
****

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	12.08 ng/ul	466490	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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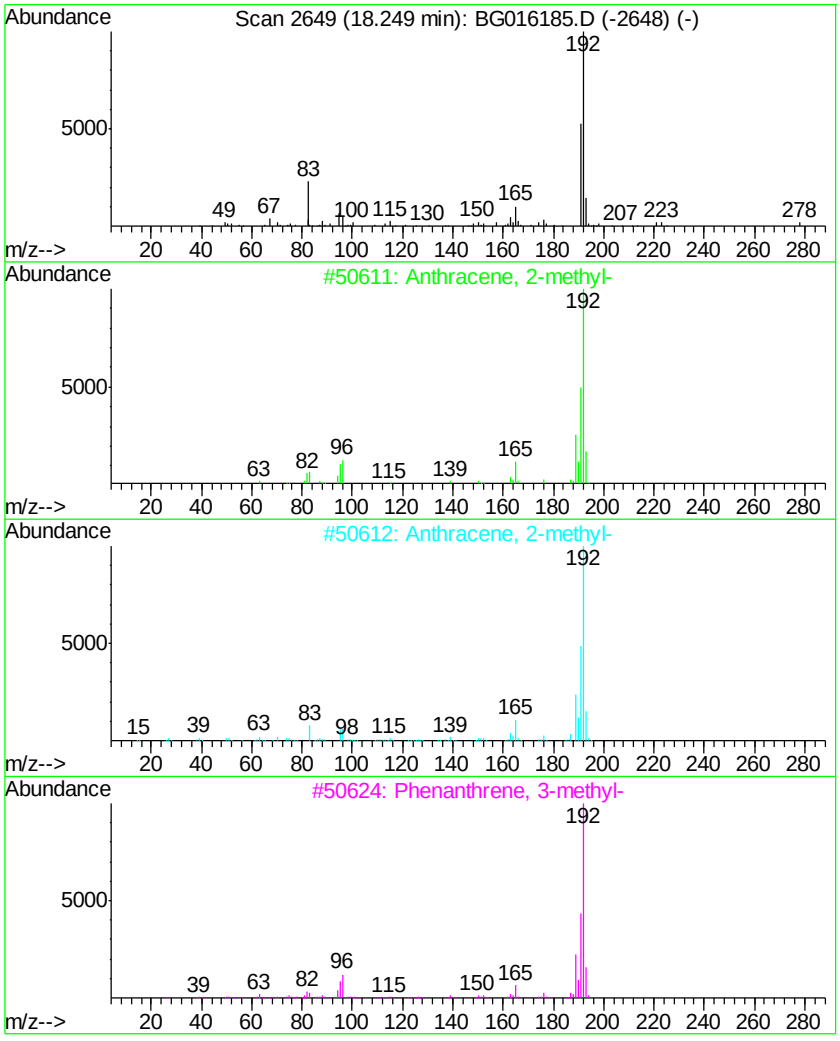
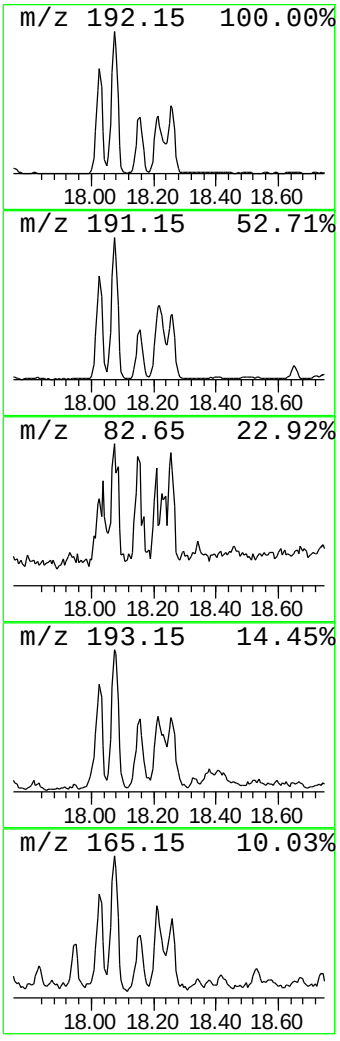
Peak Number 20 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	3.88 ng/ul	149855	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

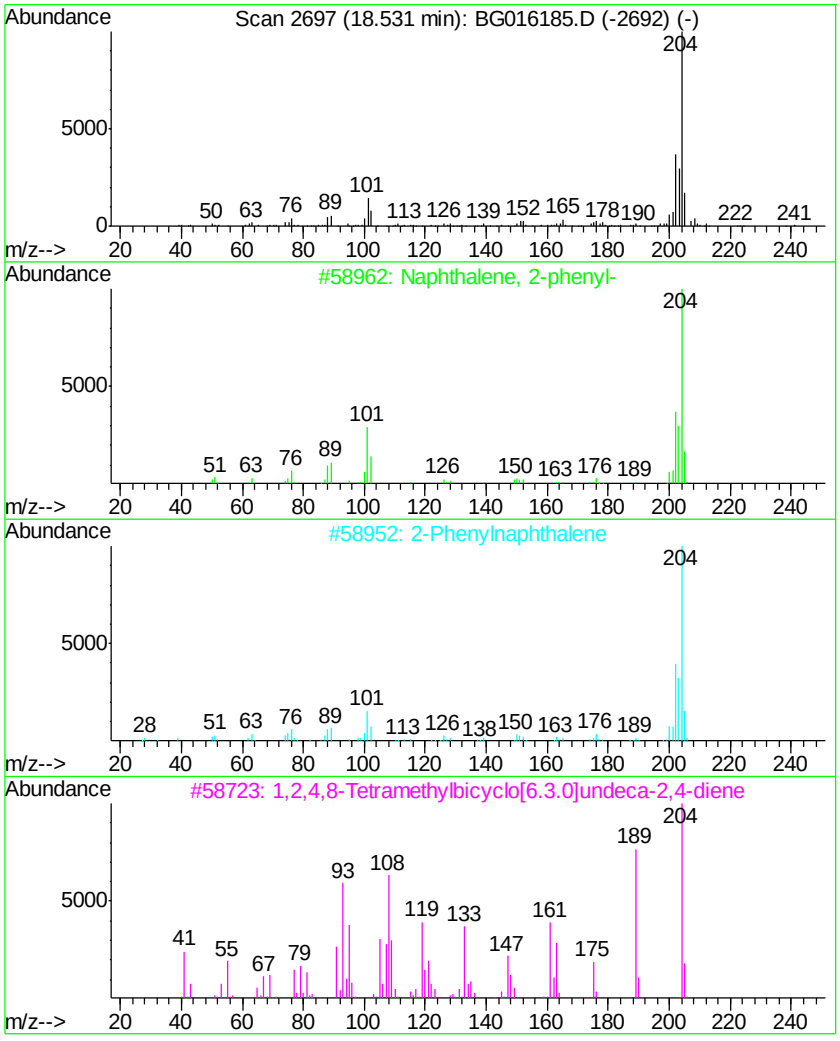
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

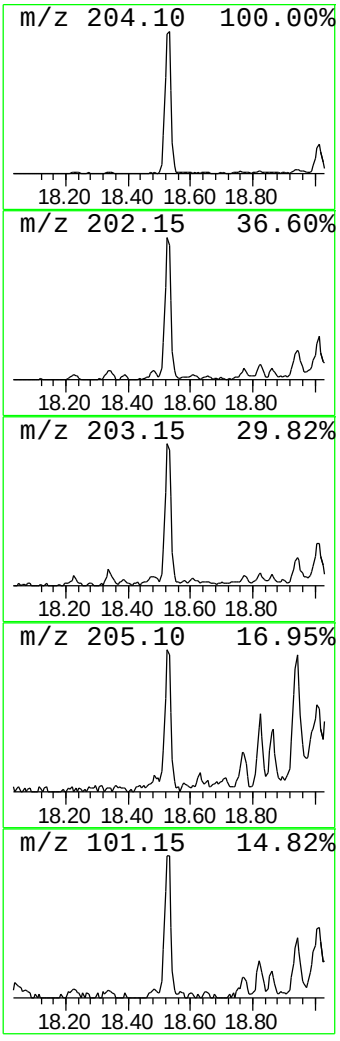
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	4.34 ng/ul	167740	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	83
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80





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Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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

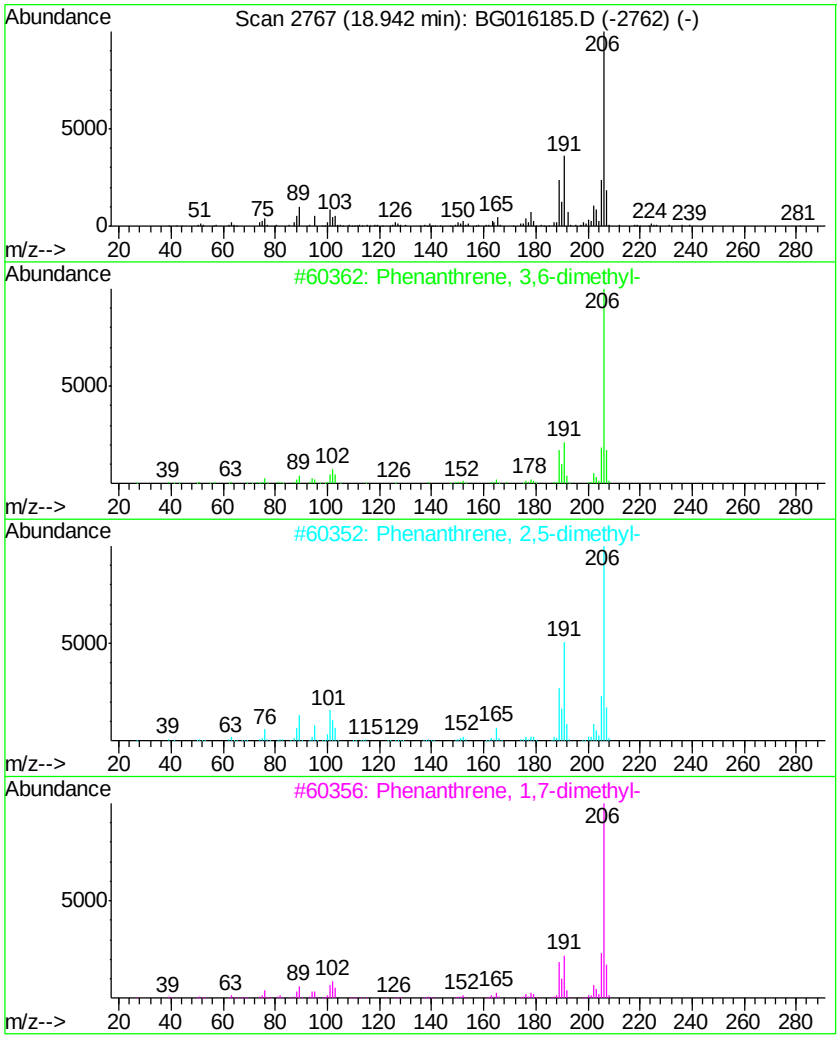
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

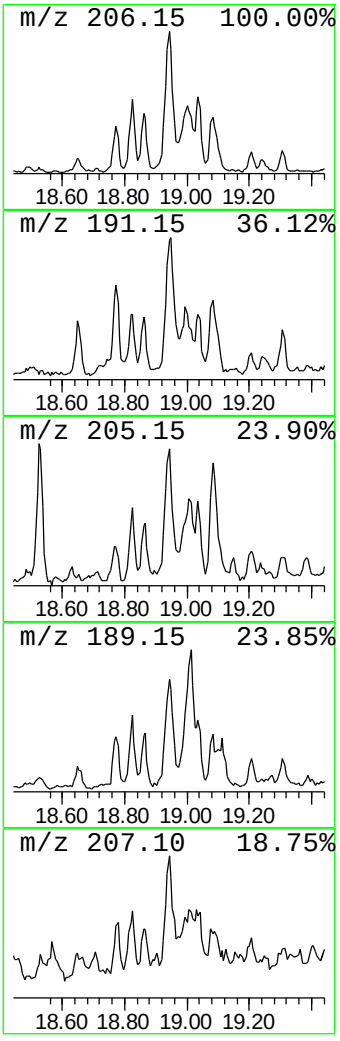
****

Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.78 ng/ul	145968	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93





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Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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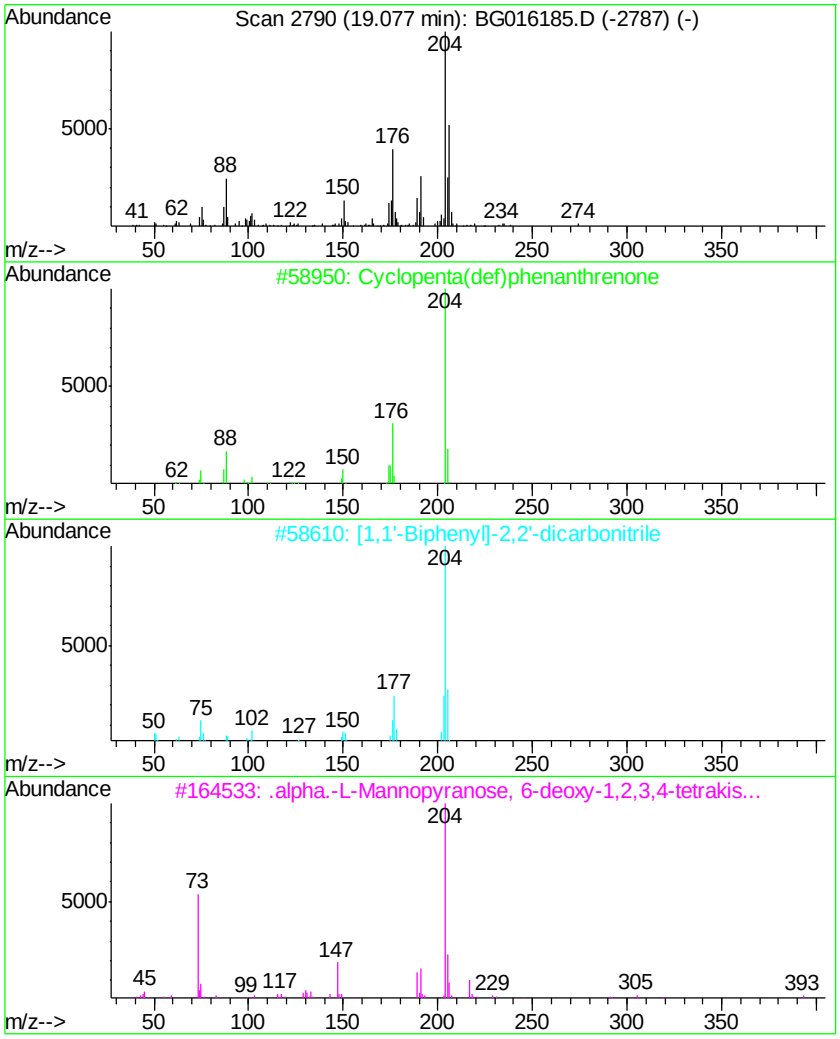
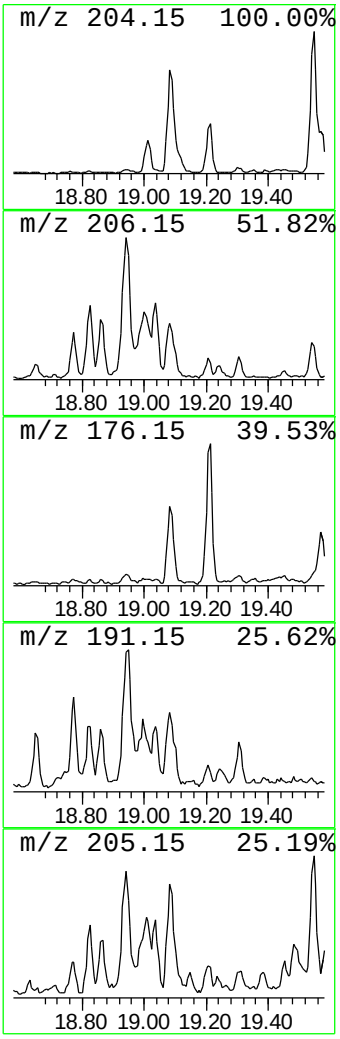
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	4.06 ng/ul	156964	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	.alpha.-L-Mannopyranose, 6-deoxy...	452	C18H44O5Si4	055057-21-1	47
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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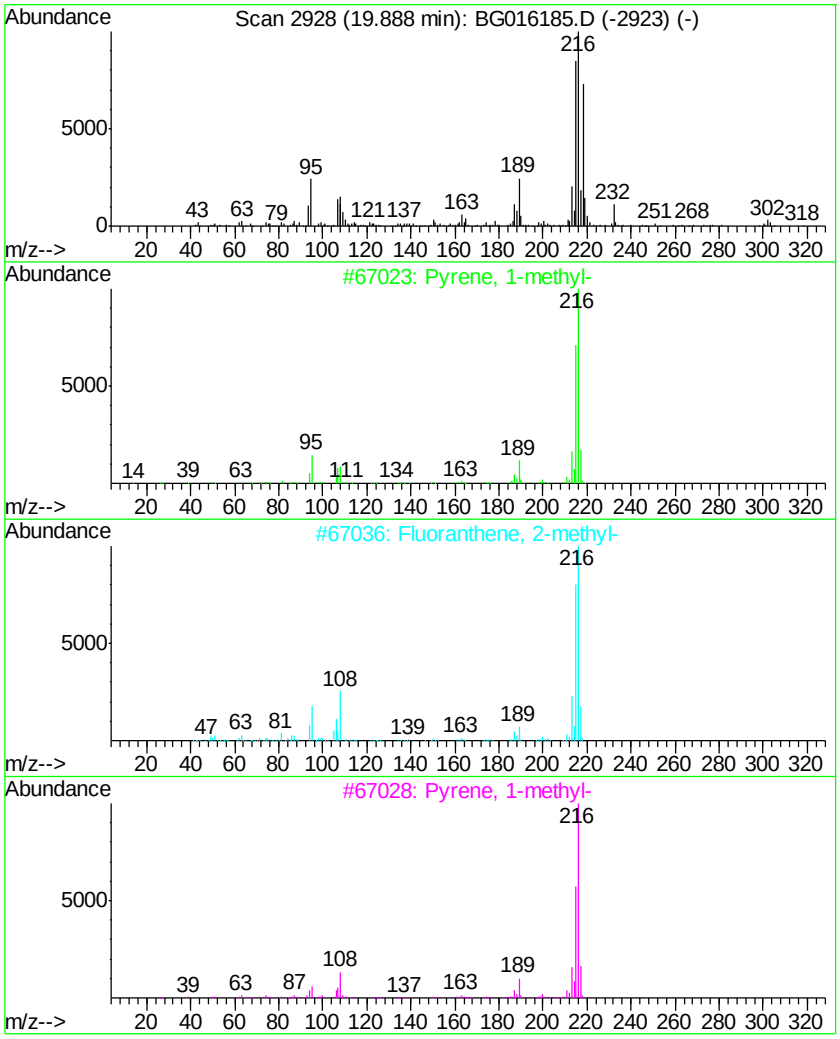
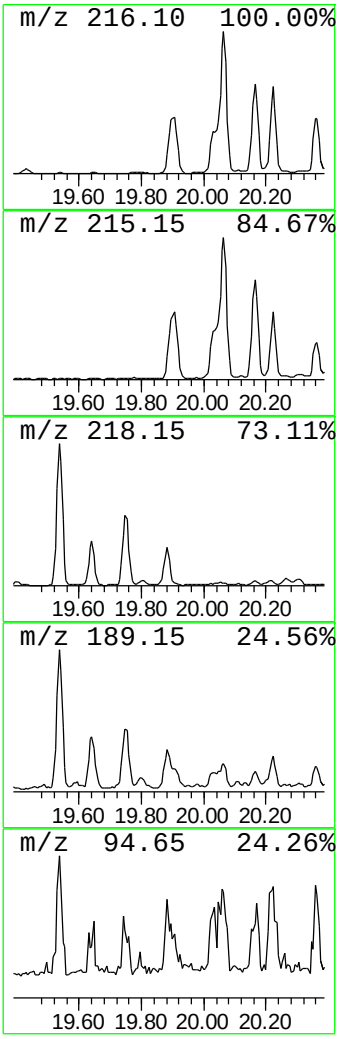
Peak Number 24 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.95 ng/ul	311526	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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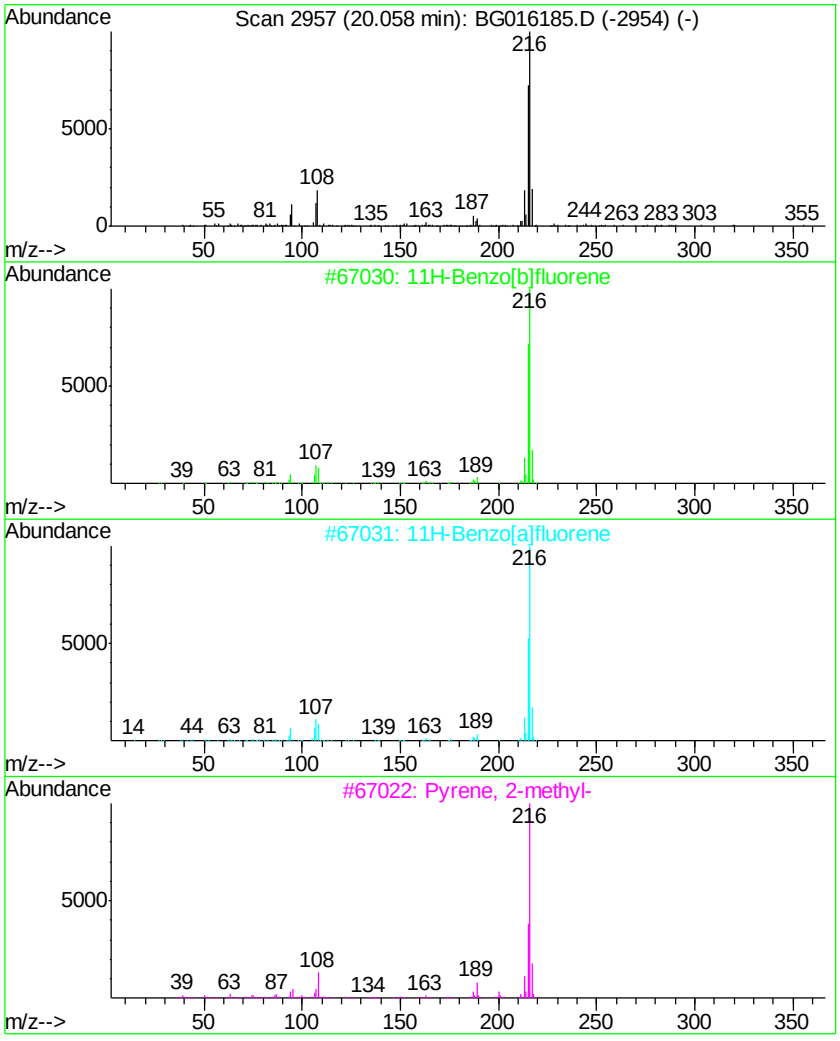
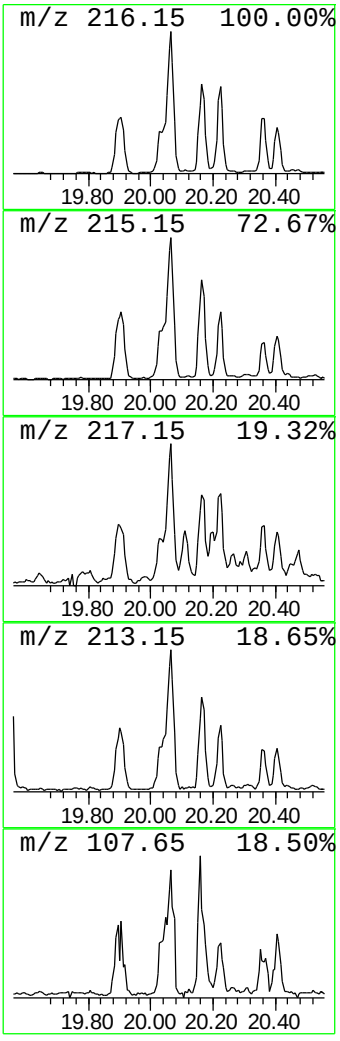
Peak Number 25 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.53 ng/ul	372179	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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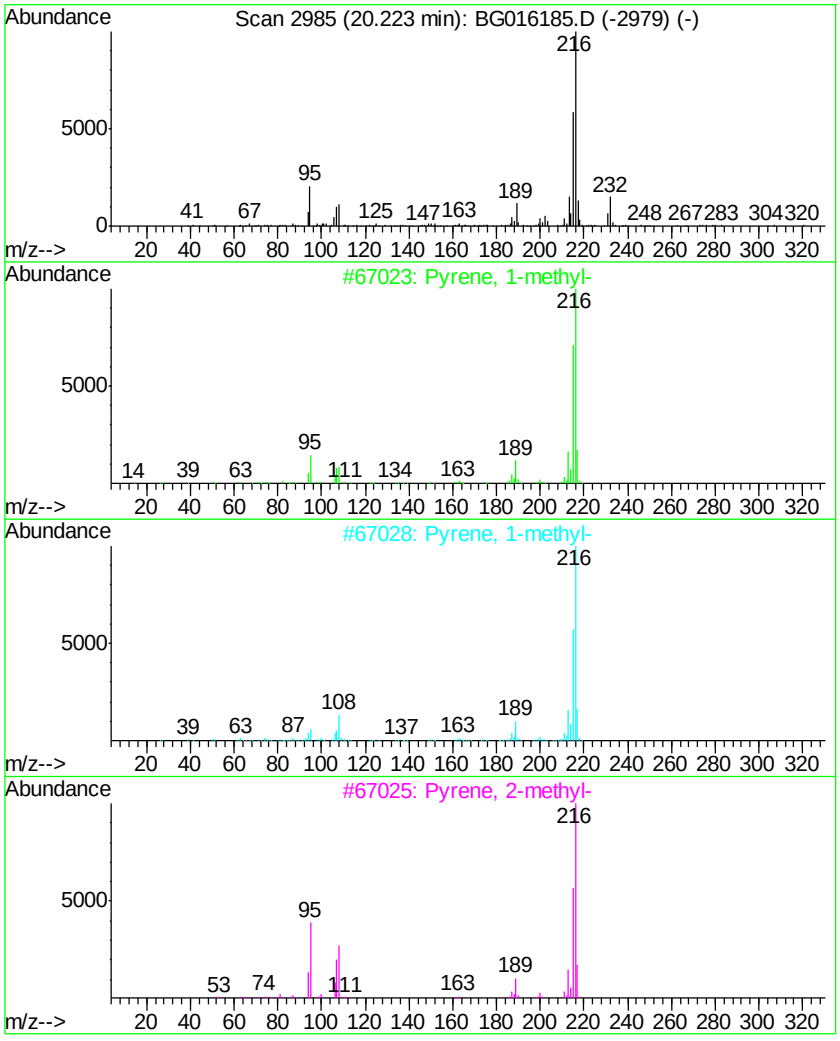
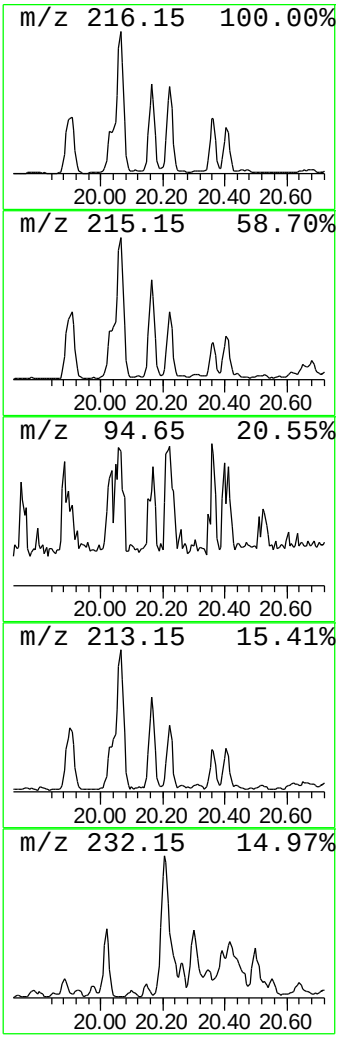
Peak Number 26 11H-Benzo[a]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	2.65 ng/ul	279364	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86





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Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
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Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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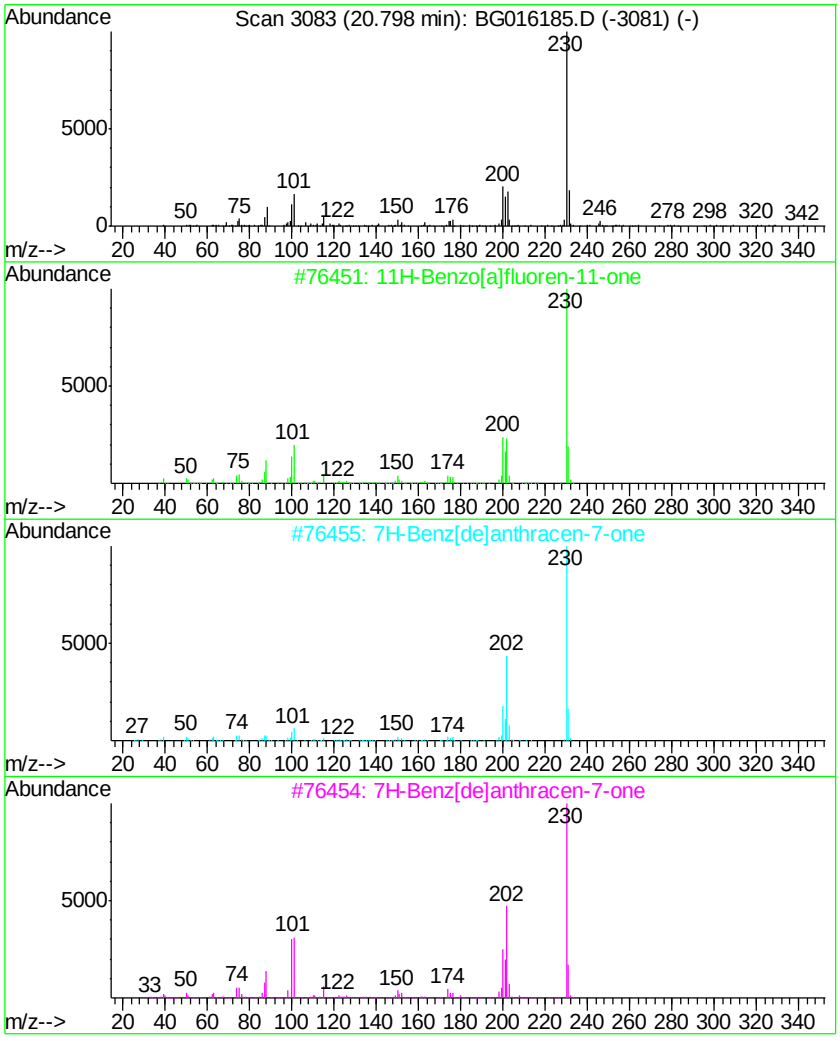
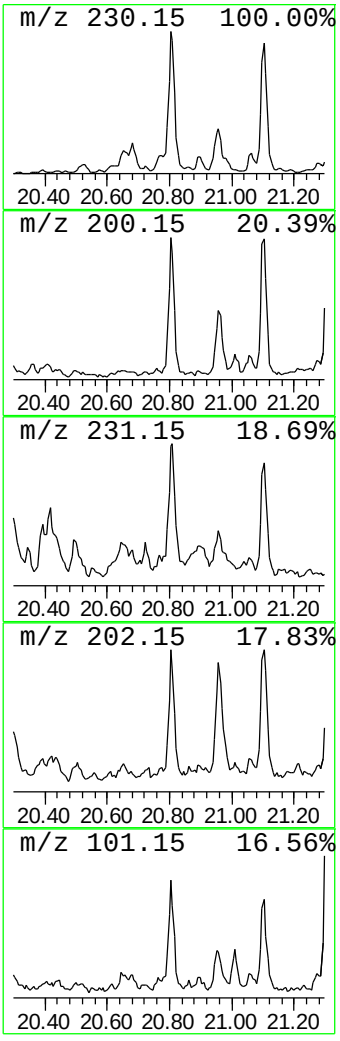
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.01 ng/ul	212521	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
Operator : TP/IZ
Sample : G1647-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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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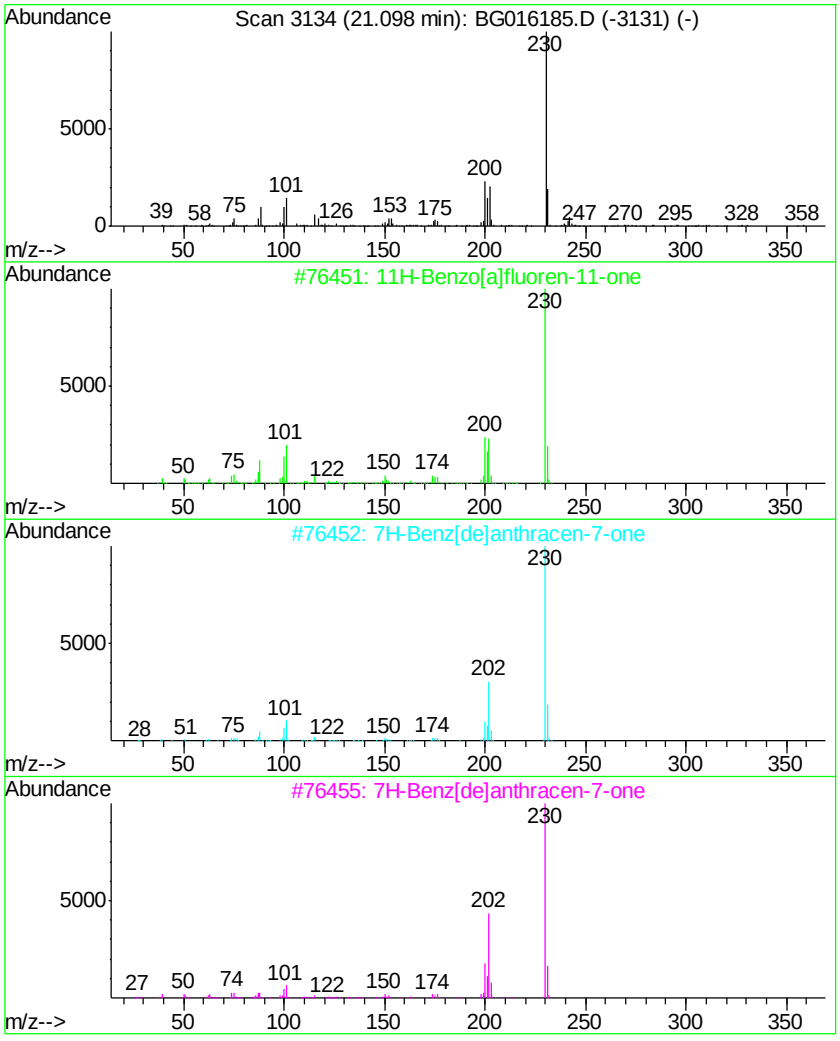
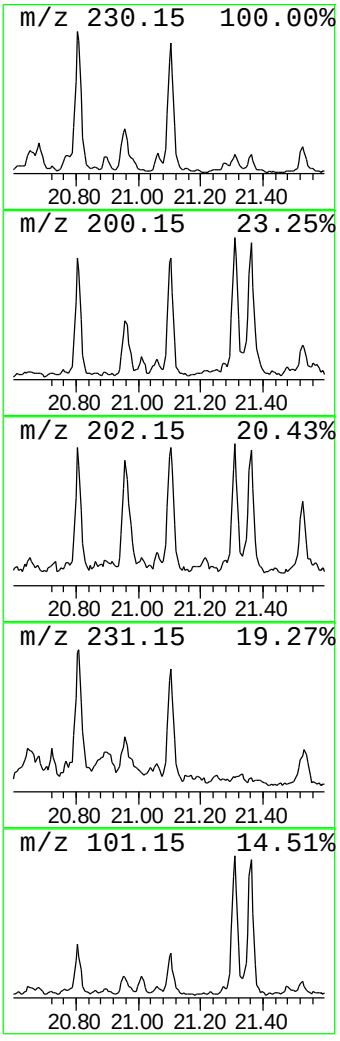
Peak Number 28 7H-Benz[de]anthracen-7-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.53 ng/ul	266937	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016185.D
Acq On : 27 Mar 2015 21:13
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD1

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	34.8	ng/ul	499335	1	7.79	286911	20.0
Naphthalene, 2,6-...	13.57	2.2	ng/ul	74384	3	14.41	670304	20.0
Naphthalene, 2,3-...	13.74	2.8	ng/ul	92500	3	14.41	670304	20.0
(DEL) Alkane: Str...	14.31	2.0	ng/ul	67135	3	14.41	670304	20.0
(DEL) Alkane: Str...	15.26	2.4	ng/ul	81666	3	14.41	670304	20.0
unknown-01	15.67	2.1	ng/ul	69050	3	14.41	670304	20.0
Dibenzofuran, 4-m...	15.75	4.1	ng/ul	138633	3	14.41	670304	20.0
[1,1'-Biphenyl]-4...	15.90	4.7	ng/ul	182279	4	17.16	772528	20.0
(DEL) Alkane: Str...	16.12	4.0	ng/ul	153106	4	17.16	772528	20.0
9H-Fluorene, 1-me...	16.46	3.5	ng/ul	133106	4	17.16	772528	20.0
2,2-Dimethyl-1-ac...	16.69	3.0	ng/ul	116380	4	17.16	772528	20.0
9H-Fluoren-9-one	16.80	2.4	ng/ul	93783	4	17.16	772528	20.0
(DEL) Alkane: Str...	16.91	3.0	ng/ul	115129	4	17.16	772528	20.0
Dibenzothiophene	16.97	4.3	ng/ul	168059	4	17.16	772528	20.0
Anthracene, 2-met...	18.03	8.1	ng/ul	312697	4	17.16	772528	20.0
Phenanthrene, 2-m...	18.07	9.4	ng/ul	361382	4	17.16	772528	20.0
Anthracene, 1-met...	18.16	3.6	ng/ul	140970	4	17.16	772528	20.0
4H-Cyclopenta[def...	18.23	12.1	ng/ul	466490	4	17.16	772528	20.0
Anthracene, 9-met...	18.25	3.9	ng/ul	149855	4	17.16	772528	20.0
Naphthalene, 2-ph...	18.53	4.3	ng/ul	167740	4	17.16	772528	20.0
Phenanthrene, 3,6...	18.94	3.8	ng/ul	145968	4	17.16	772528	20.0
Cyclopenta(def)ph...	19.08	4.1	ng/ul	156964	4	17.16	772528	20.0
Pyrene, 1-methyl-	19.89	3.0	ng/ul	311526	5	21.33	2109560	20.0
11H-Benzo[b]fluorene	20.06	3.5	ng/ul	372179	5	21.33	2109560	20.0
11H-Benzo[a]fluorene	20.22	2.6	ng/ul	279364	5	21.33	2109560	20.0
11H-Benzo[a]fluor...	20.80	2.0	ng/ul	212521	5	21.33	2109560	20.0
7H-Benz[de]anthra...	21.10	2.5	ng/ul	266937	5	21.33	2109560	20.0