LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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	2.931	36	41	50	rBV	238159	419639	19.15%	1.268%
2	3.008	50	54	72	rVB	500825	653097	29.81%	1.974%
3	4.917	373	379	390	rVB3	24335	41722	1.90%	0.126%
4	6.955	719	726	736	rBV	209600	337928	15.42%	1.021%
5	7.126	748	755	763	rBV	188916	281250	12.84%	0.850%
6	7.325	782	789	796	rVV	212857	330146	15.07%	0.998%
7	7.789	862	868	877	rBV	202615	317804	14.50%	0.961%
8	8.489	978	987	995	rBV	279453	432092	19.72%	1.306%
9	8.606	1001	1007	1014	rVB	18415	28862	1.32%	0.087%
10	8.941	1058	1064	1071	rBV	189676	311460	14.21%	0.941%
11	9.663	1179	1187	1197	rVB	153500	257275	11.74%	0.778%
12	10.192	1271	1277	1285	rBV	262822	428299	19.55%	1.294%
13	10.574	1333	1342	1348	rBV	307941	524301	23.93%	1.585%
14	10.627	1348	1351	1356	rVB	17263	25383	1.16%	0.077%
15	10.709	1358	1365	1377	rVB	221659	383087	17.48%	1.158%
16	12.231	1620	1624	1632	rVB	20886	33023	1.51%	0.100%
17	12.454	1656	1662	1672	rVB	21354	35884	1.64%	0.108%
18	13.241	1789	1796	1804	rVB2	80506	112724	5.14%	0.341%
19	13.734	1874	1880	1885	rVV2	33123	65465	2.99%	0.198%
20	13.787	1885	1889	1890	rVV2	26635	37444	1.71%	0.113%
21	13.822	1890	1895	1900	rVV	463007	636640	29.05%	1.924%
22	13.869	1900	1903	1906	rVV	53884	77372	3.53%	0.234%
23	13.899	1906	1908	1911	rVV	27254	28546	1.30%	0.086%
24	13.934	1911	1914	1917	rVV	18853	25968	1.19%	0.078%
25	13.969	1917	1920	1923	rVV	17237	25122	1.15%	0.076%
26	14.104	1937	1943	1956	rVV	564641	879109	40.12%	2.657%
27	14.310	1973	1978	1985	rBV	122421	165259	7.54%	0.499%
28	14.416	1986	1996	2002	rVV2	485258	783730	35.77%	2.369%
29	14.480	2002	2007	2014	rVV	93416	154091	7.03%	0.466%
30	14.610	2021	2029	2040	rVV	185398	284450	12.98%	0.860%
31	14.757	2051	2054	2059	rVV4	18257	42820	1.95%	0.129%
32	14.809	2059	2063	2070	rVV	108665	178151	8.13%	0.538%
33	14.886	2070	2076	2080	rVV3	24693	49562	2.26%	0.150%
34	14.927	2080	2083	2090	rVB3	24839	40808	1.86%	0.123%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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	15.027	2097	2100	2104	rVV2	21796	34490	1.57%	0.104%
36	15.080	2105	2109	2113	rVB	19952	27079	1.24%	0.082%
37	15.203	2121	2130	2133	rBV6	23147	48235	2.20%	0.146%
38	15.262	2136	2140	2145	rVB	118381	146996	6.71%	0.444%
39	15.403	2158	2164	2169	rVV	728480	1030159	47.01%	3.114%
40	15.461	2169	2174	2178	rVV	195620	281901	12.87%	0.852%
41	15.520	2179	2184	2188	rVV	146898	197186	9.00%	0.596%
42	15.620	2197	2201	2204	rVV4	26324	42288	1.93%	0.128%
43	15.667	2206	2209	2213	rVV2	36007	51405	2.35%	0.155%
44	15.755	2219	2224	2231	rVB	68954	109780	5.01%	0.332%
45	15.896	2240	2248	2256	rBV	68667	154939	7.07%	0.468%
46	16.119	2281	2286	2295	rBV3	111552	223180	10.19%	0.675%
47	16.460	2337	2344	2348	rBV3	57280	100992	4.61%	0.305%
48	16.507	2349	2352	2357	rVV4	27795	44973	2.05%	0.136%
49	16.583	2358	2365	2366	rVV6	12938	25687	1.17%	0.078%
50	16.607	2366	2369	2374	rVB3	24471	40842	1.86%	0.123%
51	16.689	2379	2383	2386	rVV3	32856	43733	2.00%	0.132%
52	16.724	2386	2389	2393	rVB2	29772	38914	1.78%	0.118%
53	16.807	2399	2403	2410	rVB3	36683	60783	2.77%	0.184%
54	16.883	2410	2416	2417	rVV	40107	54350	2.48%	0.164%
55	16.907	2417	2420	2426	rVV	77798	129741	5.92%	0.392%
56	16.971	2426	2431	2440	rVB2	84977	155851	7.11%	0.471%
57	17.153	2456	2462	2465	rBV	572099	821816	37.51%	2.484%
58	17.194	2465	2469	2474	rVV	1202424	1646282	75.13%	4.976%
59	17.253	2474	2479	2482	rVV	739224	1091376	49.81%	3.299%
60	17.282	2482	2484	2489	rVV	396168	502969	22.95%	1.520%
61	17.341	2489	2494	2499	rVV3	35319	62311	2.84%	0.188%
62	17.553	2527	2530	2534	rBV	55461	66978	3.06%	0.202%
63	17.647	2543	2546	2548	rBV2	33953	38860	1.77%	0.117%
64	18.029	2606	2611	2615	rBV2	141570	253221	11.56%	0.765%
65	18.076	2615	2619	2625	rVB	220107	321392	14.67%	0.971%
66	18.152	2627	2632	2638	rBV	103319	164566	7.51%	0.497%
67	18.222	2638	2644	2648	rBV2	282304	482349	22.01%	1.458%
68	18.258	2648	2650	2657	rVB	100718	114029	5.20%	0.345%
69	18.340	2660	2664	2667	rBV2	31138	39288	1.79%	0.119%
70	18.528	2692	2696	2700	rBV	110007	141105	6.44%	0.426%
71	18.775	2735	2738	2741	rBV2	30680	38729	1.77%	0.117%

LSC Area Percent Report

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Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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

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

72	18.945	2762	2767	2770	rBV	73057	127888	5.84%	0.387%
73	19.010	2776	2778	2781	rVB	37637	33278	1.52%	0.101%
74	19.086	2787	2791	2797	rBV2	55642	100752	4.60%	0.305%
75	19.209	2806	2812	2819	rBV	1708693	2191180	100.00%	6.623%
76	19.321	2826	2831	2834	rBV4	45010	91802	4.19%	0.277%
77	19.544	2863	2869	2871	rBV2	1038138	1492049	68.09%	4.510%
78	19.574	2871	2874	2882	rVV	1272325	1739451	79.38%	5.257%
79	19.638	2882	2885	2893	rVB2	76700	131066	5.98%	0.396%
80	19.750	2900	2904	2910	rVV	88539	124693	5.69%	0.377%
81	19.808	2911	2914	2918	rVB	67772	94161	4.30%	0.285%
82	19.897	2923	2929	2935	rBV2	100977	259354	11.84%	0.784%
83	20.061	2954	2957	2963	rVB	293319	402497	18.37%	1.216%
84	20.161	2971	2974	2978	rBV	241582	299466	13.67%	0.905%
85	20.361	3005	3008	3011	rBV	59576	74365	3.39%	0.225%
86	20.972	3110	3112	3115	rBV	59755	63769	2.91%	0.193%
87	21.013	3116	3119	3120	rVV	113577	119739	5.46%	0.362%
88	21.036	3120	3123	3130	rVB3	147678	326561	14.90%	0.987%
89	21.312	3165	3170	3175	rBV3	1044477	2020473	92.21%	6.107%
90	21.359	3175	3178	3186	rVB	638102	867146	39.57%	2.621%
91	21.477	3195	3198	3204	rBV	121345	150188	6.85%	0.454%
92	22.041	3290	3294	3297	rBV2	60835	92662	4.23%	0.280%
93	22.922	3438	3444	3449	rBV	408295	1012069	46.19%	3.059%
94	23.092	3469	3473	3480	rVB	120470	207128	9.45%	0.626%
95	23.415	3523	3528	3532	rBV	215491	406243	18.54%	1.228%
96	23.468	3532	3537	3541	rVV2	479844	914326	41.73%	2.763%
97	23.509	3541	3544	3553	rVB	464415	782038	35.69%	2.364%
98	23.609	3555	3561	3567	rBV	407698	785319	35.84%	2.374%
99	25.947	3951	3959	3970	rVB	197852	553485	25.26%	1.673%
100	26.670	4074	4082	4095	rVB	111319	366103	16.71%	1.107%

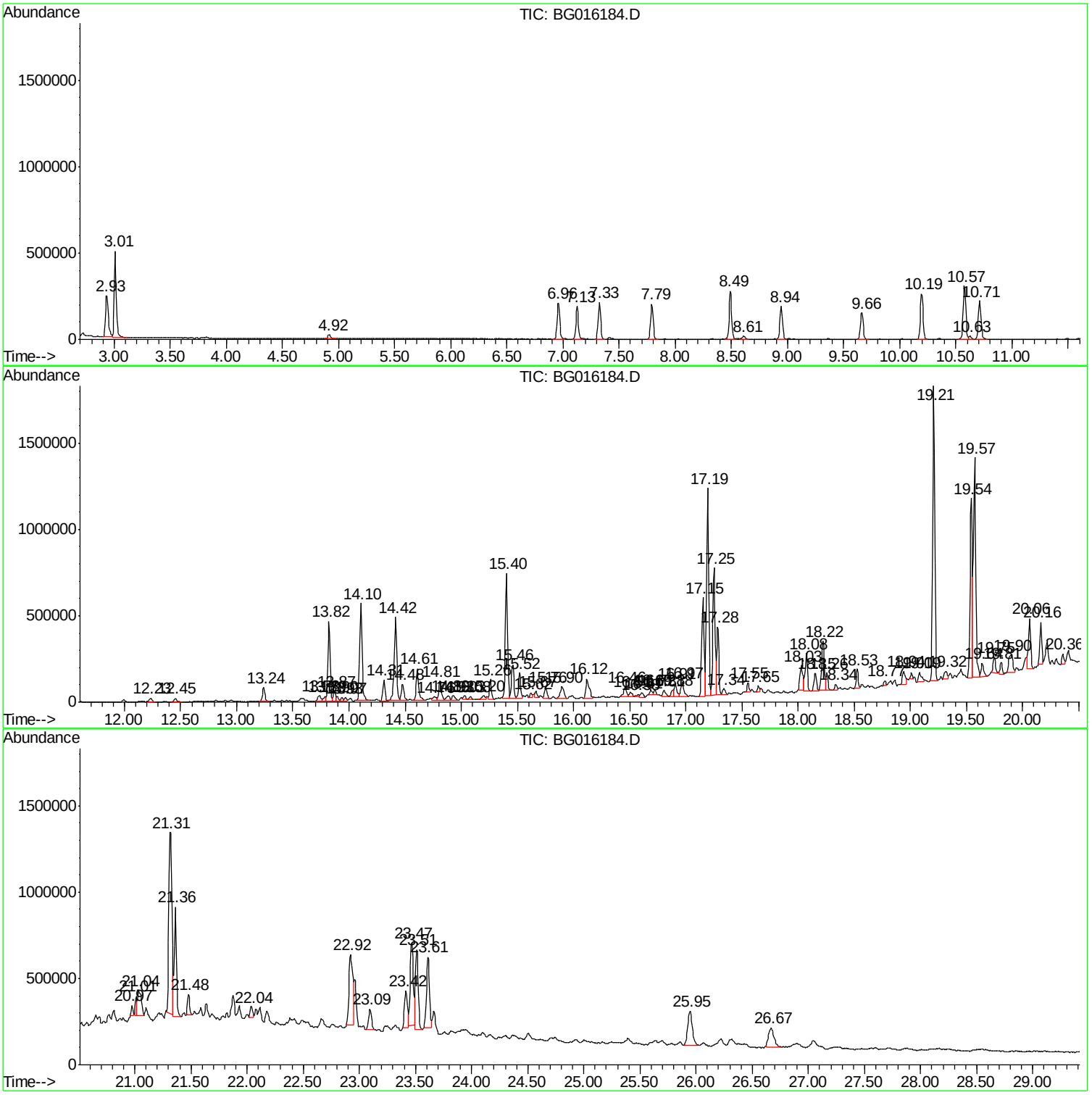
Sum of corrected areas: 33086539

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
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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

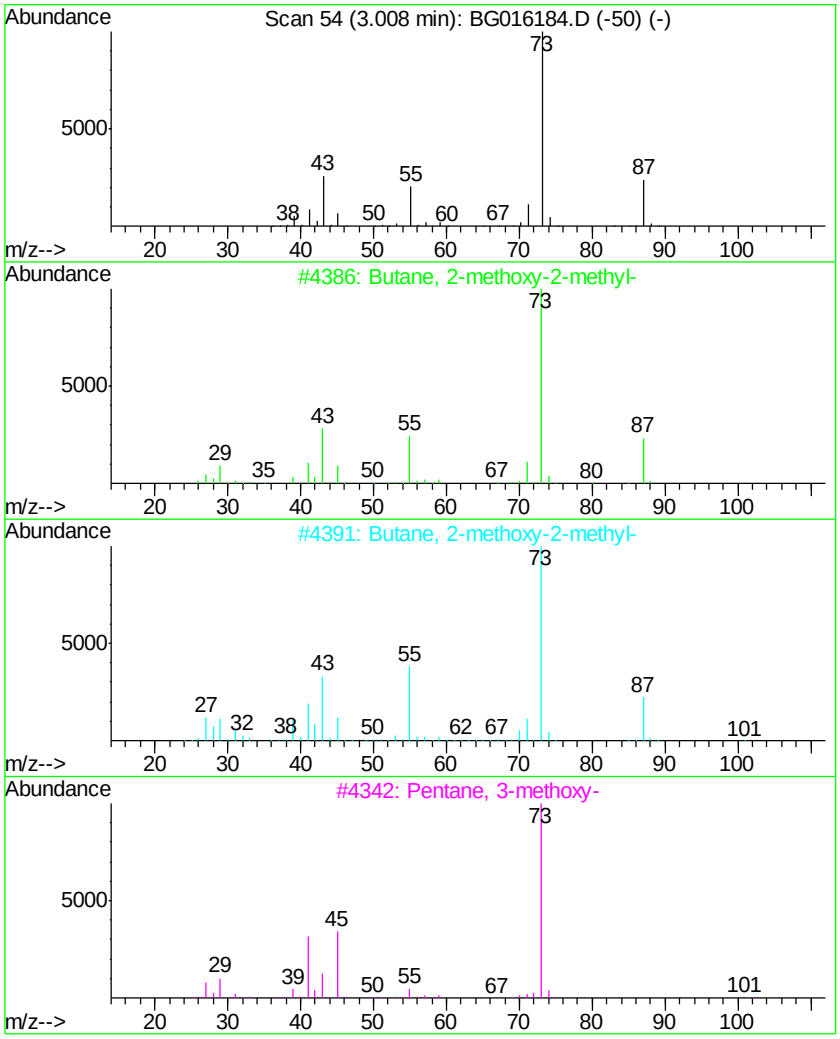
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

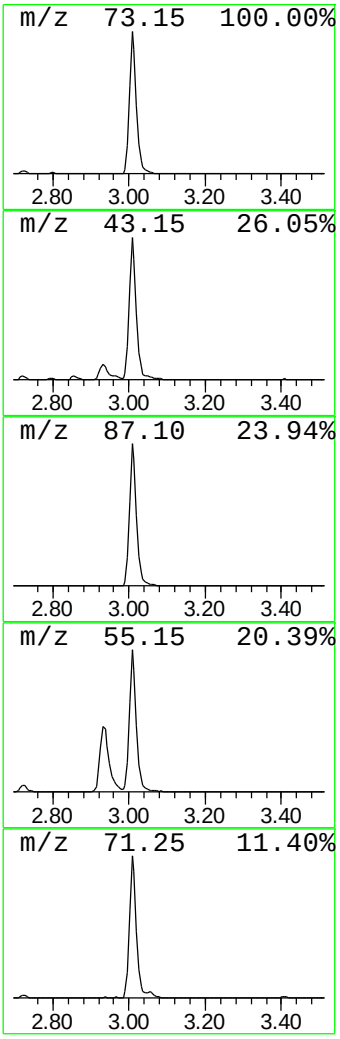
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	41.10 ng/ul	653097	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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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

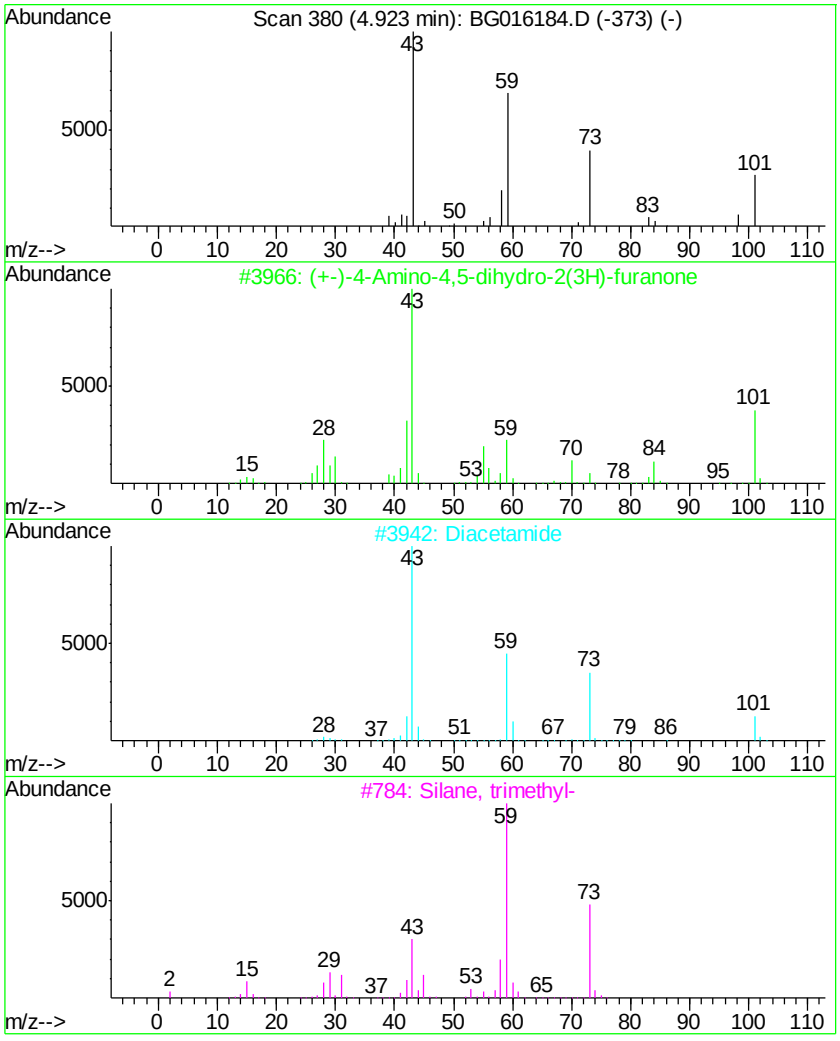
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

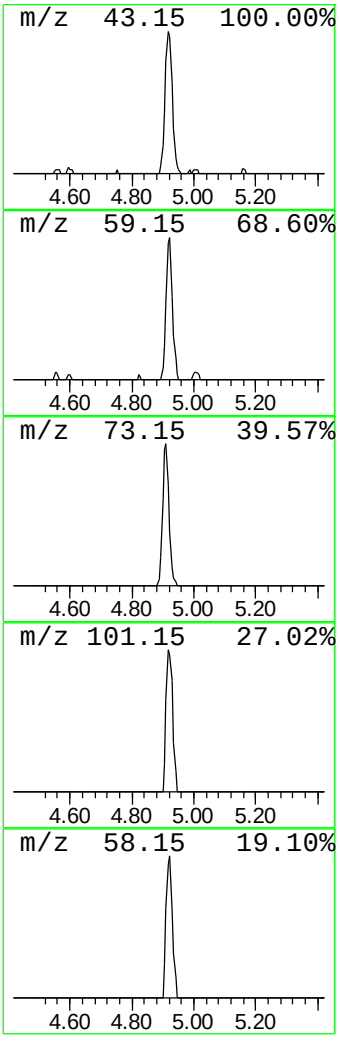
****

Peak Number 3 (+-)-4-Amino-4,5-dihydro-2(... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.63 ng/ul	41722	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	72
2	Diacetamide	101	C4H7NO2	000625-77-4	45
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	43
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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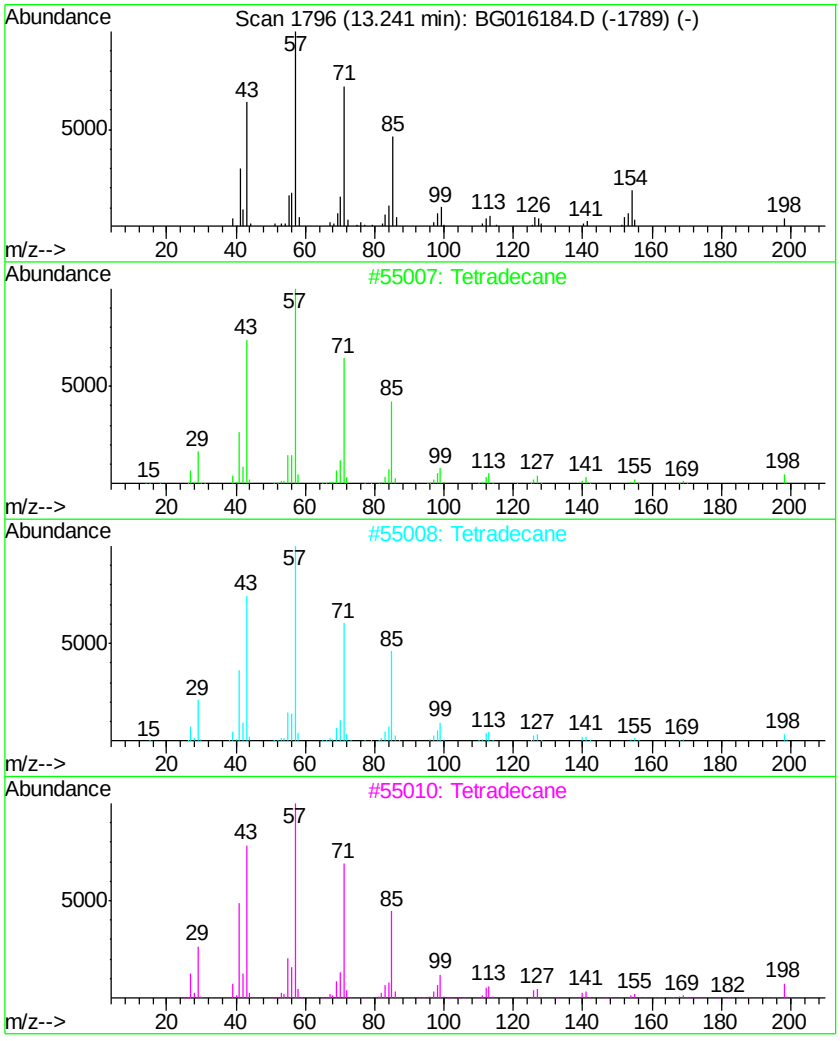
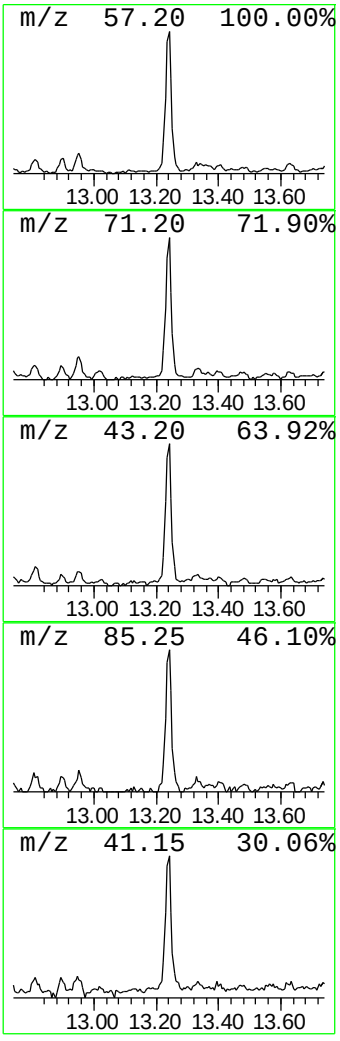
Peak Number 4 (DEL) Alkane: Straight-Chain Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.88 ng/ul	112724	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Tetradecane	198	C14H30	000629-59-4	95
3	Tetradecane	198	C14H30	000629-59-4	93
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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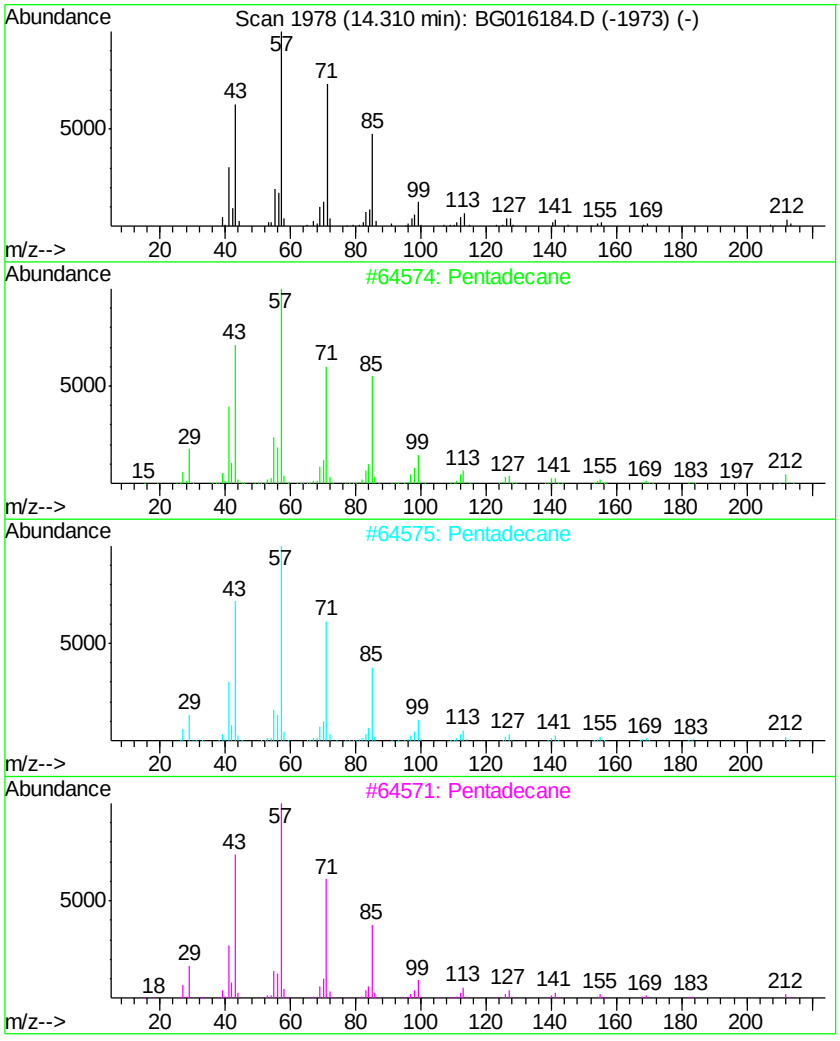
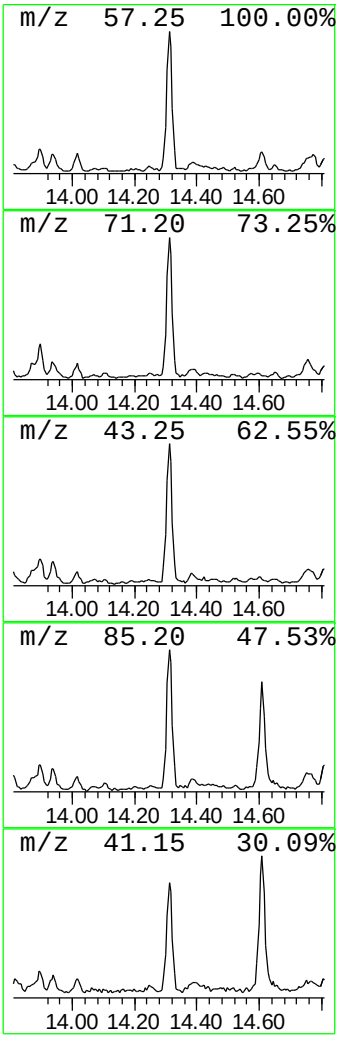
Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.22 ng/ul	165259	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Pentadecane	212	C15H32	000629-62-9	96
3	Pentadecane	212	C15H32	000629-62-9	95
4	Tetradecane	198	C14H30	000629-59-4	91
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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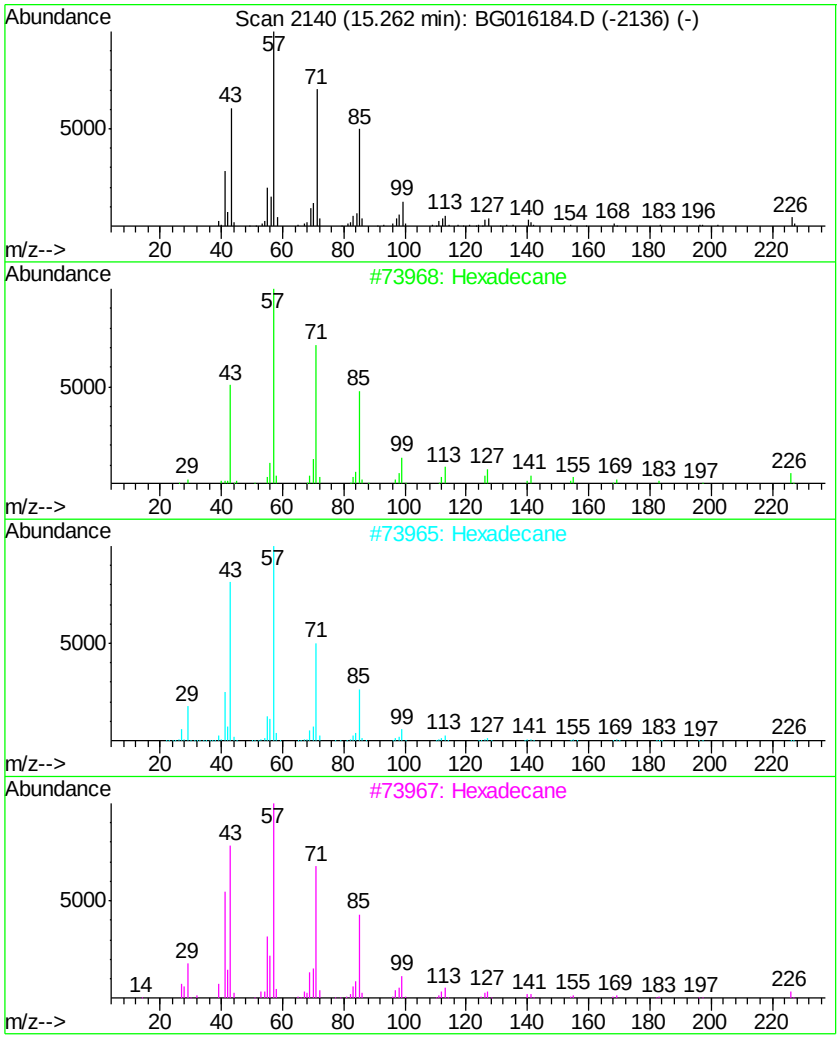
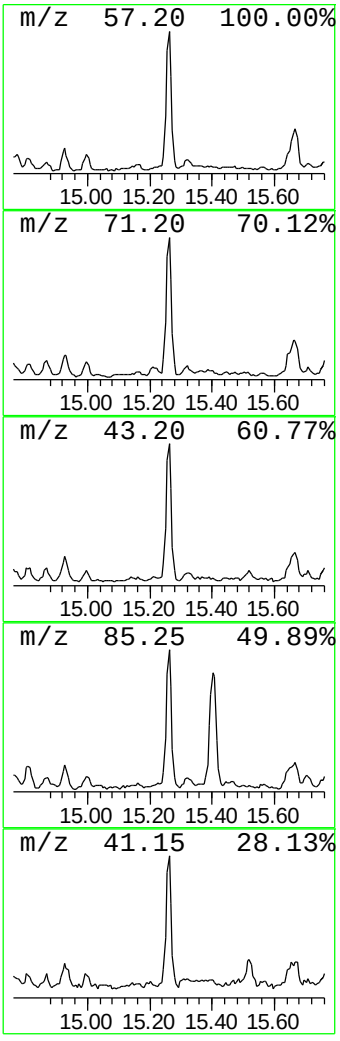
Peak Number 6 (DEL) Alkane: Straight-Chain Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.75 ng/ul	146996	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Hexadecane	226	C16H34	000544-76-3	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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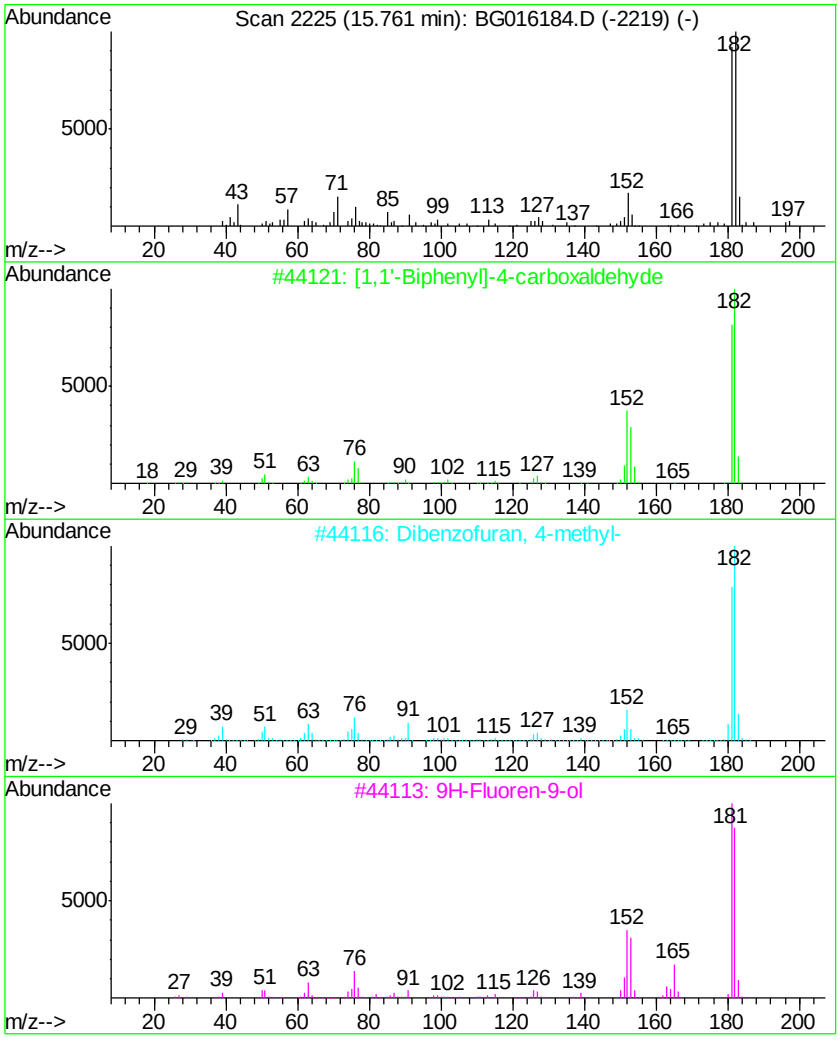
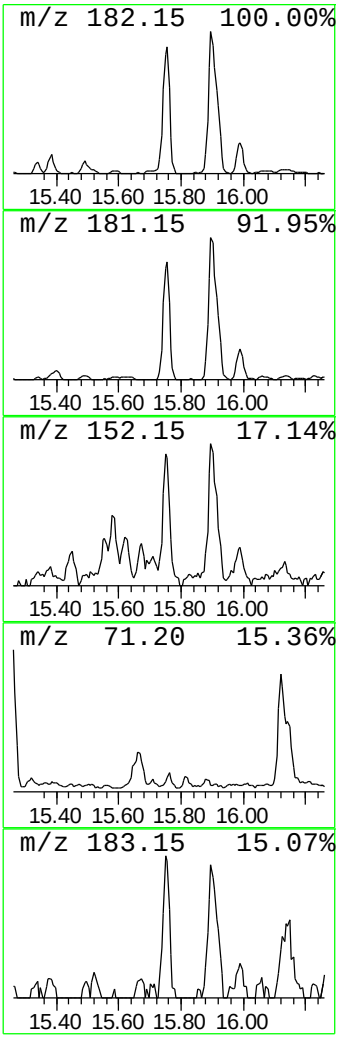
Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.80 ng/ul	109780	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64





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Sample : G1647-10
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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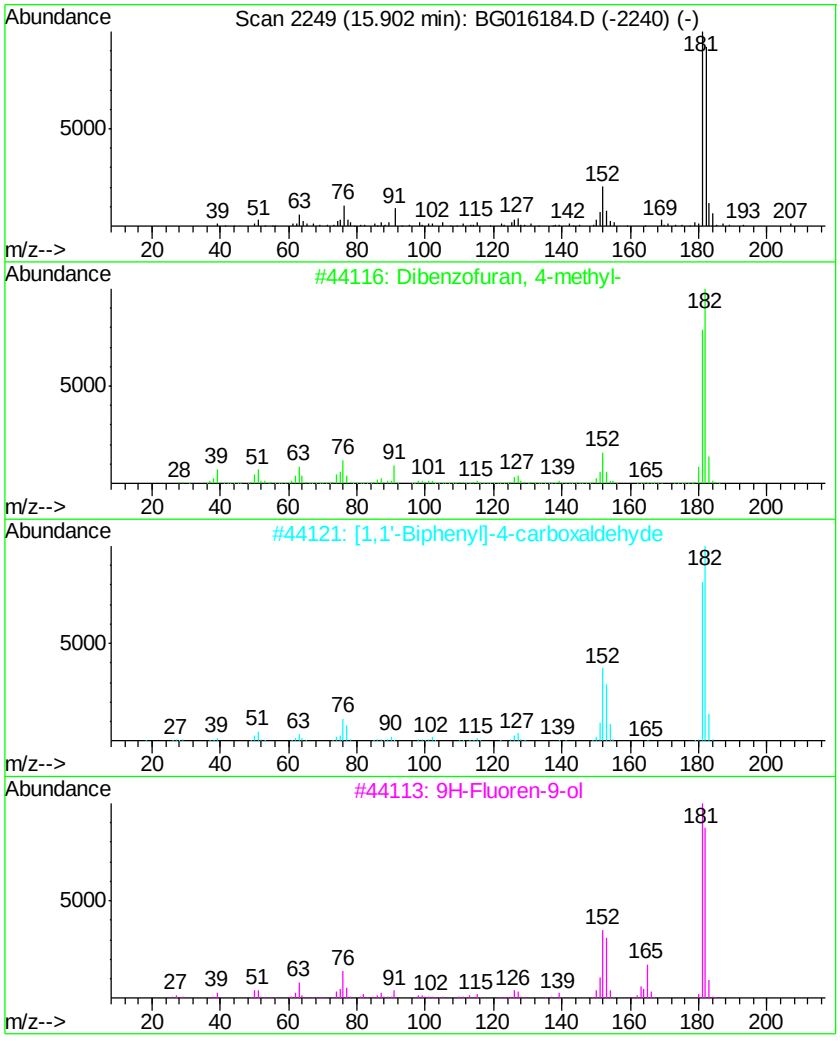
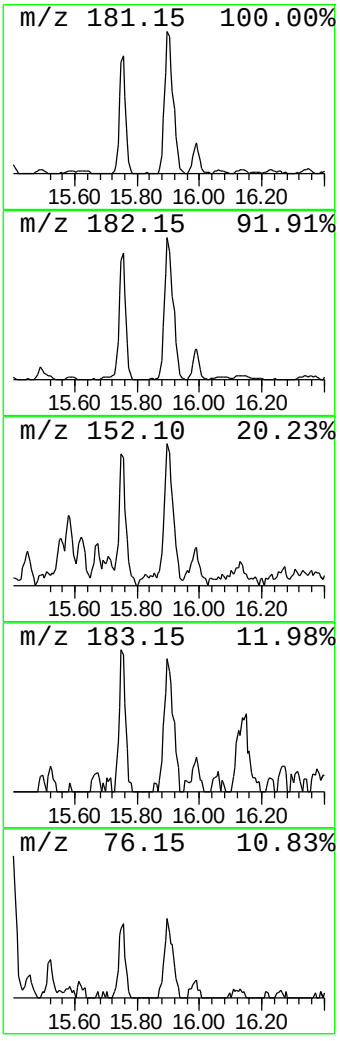
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.77 ng/ul	154939	Phenanthrene-d10	17.15

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	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	64





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Quant Title : SVOA CALIBRATION

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

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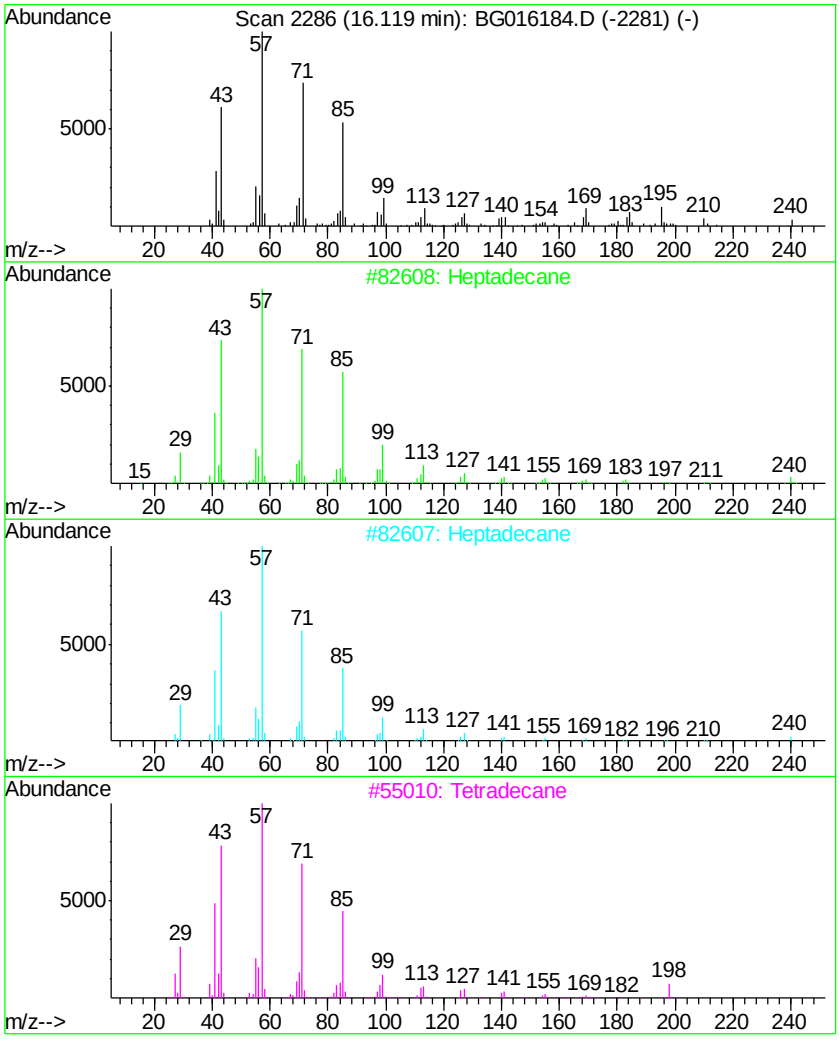
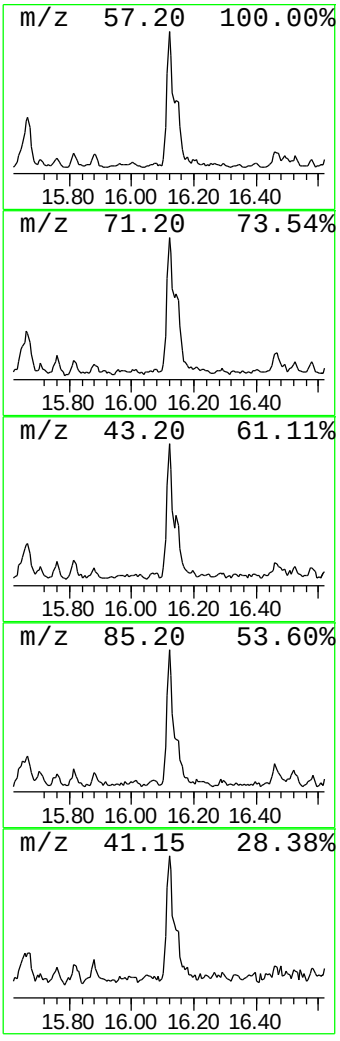
Peak Number 9 (DEL) Alkane: Straight-Chain Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.43 ng/ul	223180	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Heptadecane	240	C17H36	000629-78-7	96
3	Tetradecane	198	C14H30	000629-59-4	95
4	Tridecane	184	C13H28	000629-50-5	93
5	Heptadecane	240	C17H36	000629-78-7	91





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Quant Title : SVOA CALIBRATION

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

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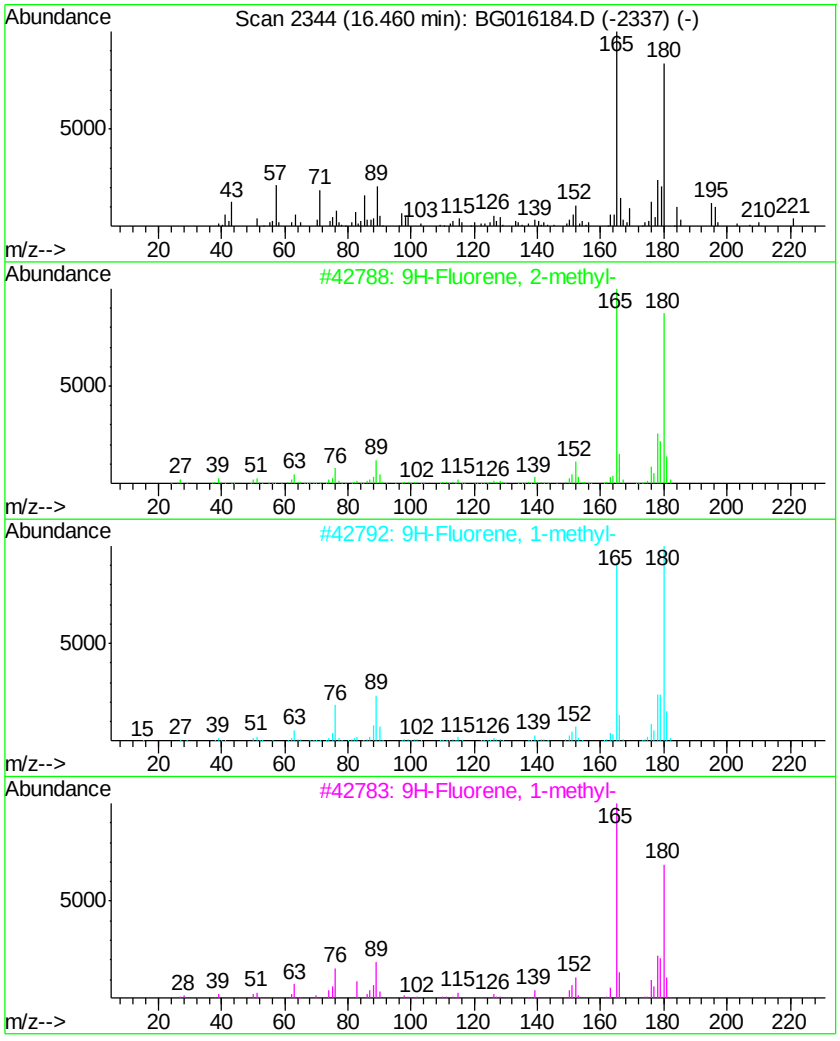
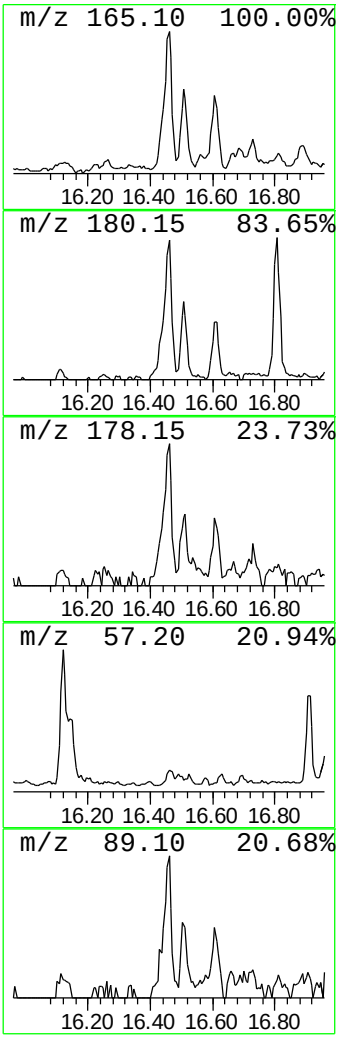
Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.46 ng/ul	100992	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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ClientSampleId : C0AC9

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Quant Title : SVOA CALIBRATION

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

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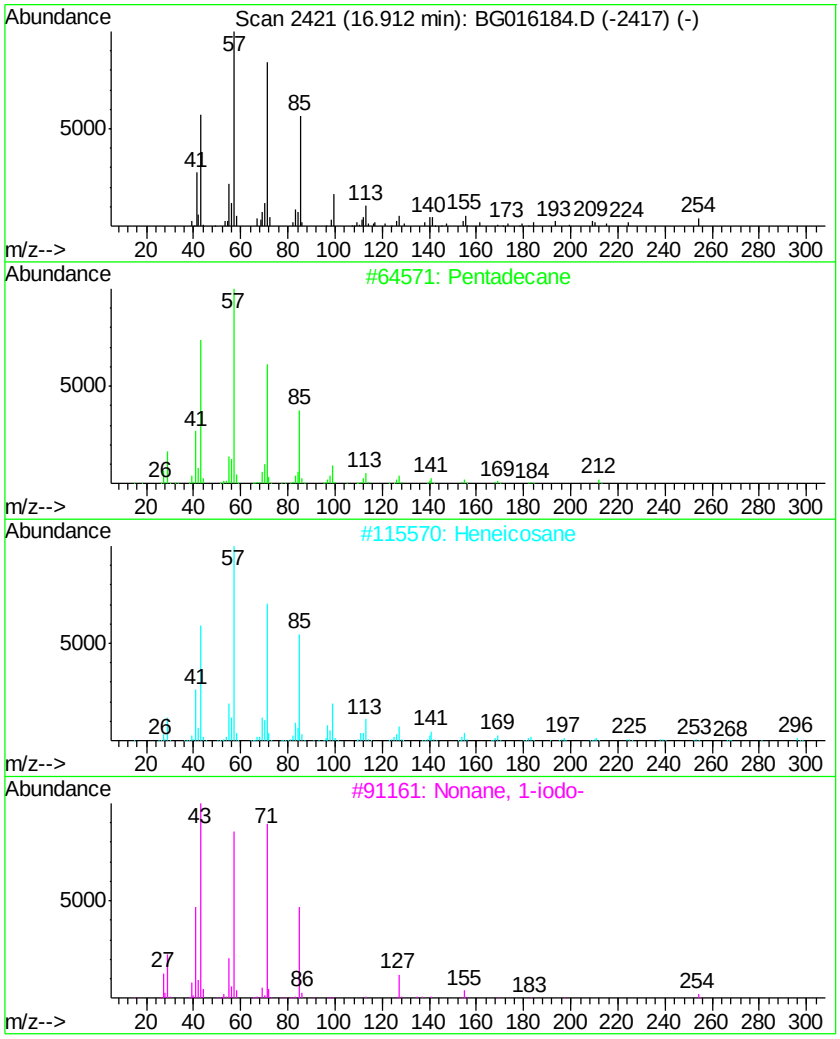
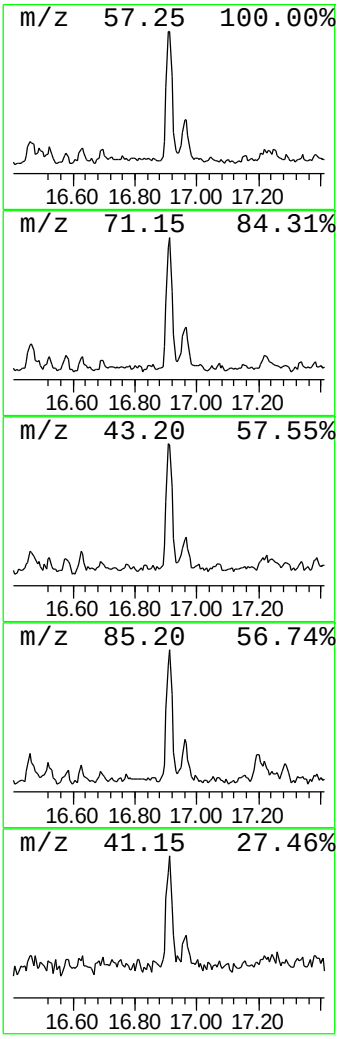
Peak Number 11 (DEL) Alkane: Straight-Chain Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	3.16 ng/ul	129741	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	80
4	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	78
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78





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Quant Title : SVOA CALIBRATION

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

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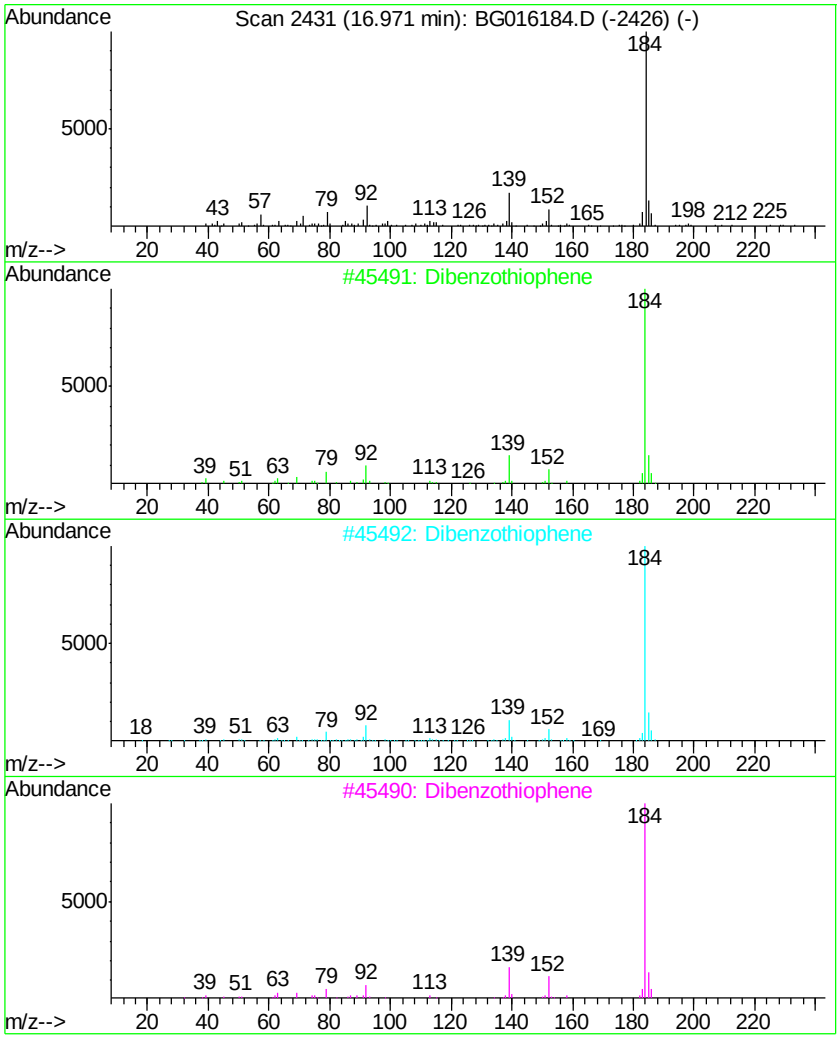
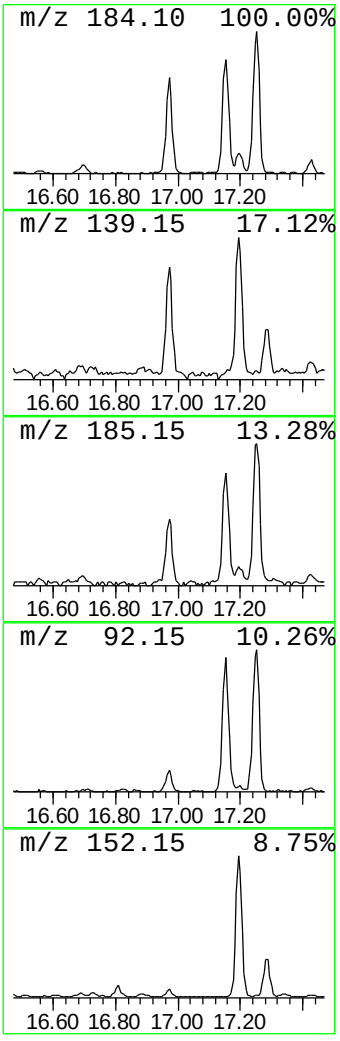
Peak Number 12 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.79 ng/ul	155851	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Quant Title : SVOA CALIBRATION

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

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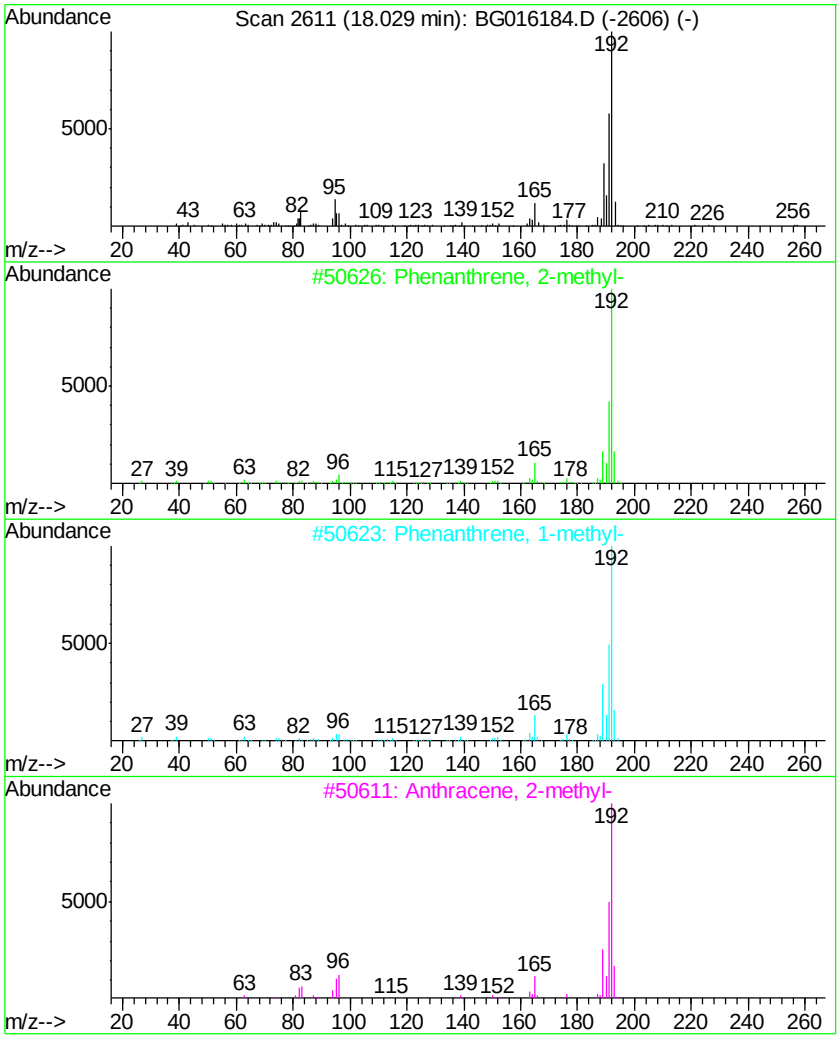
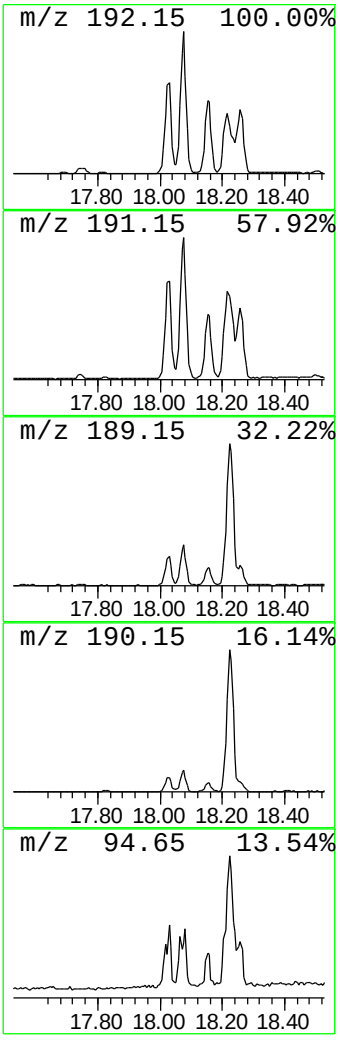
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	6.16 ng/ul	253221	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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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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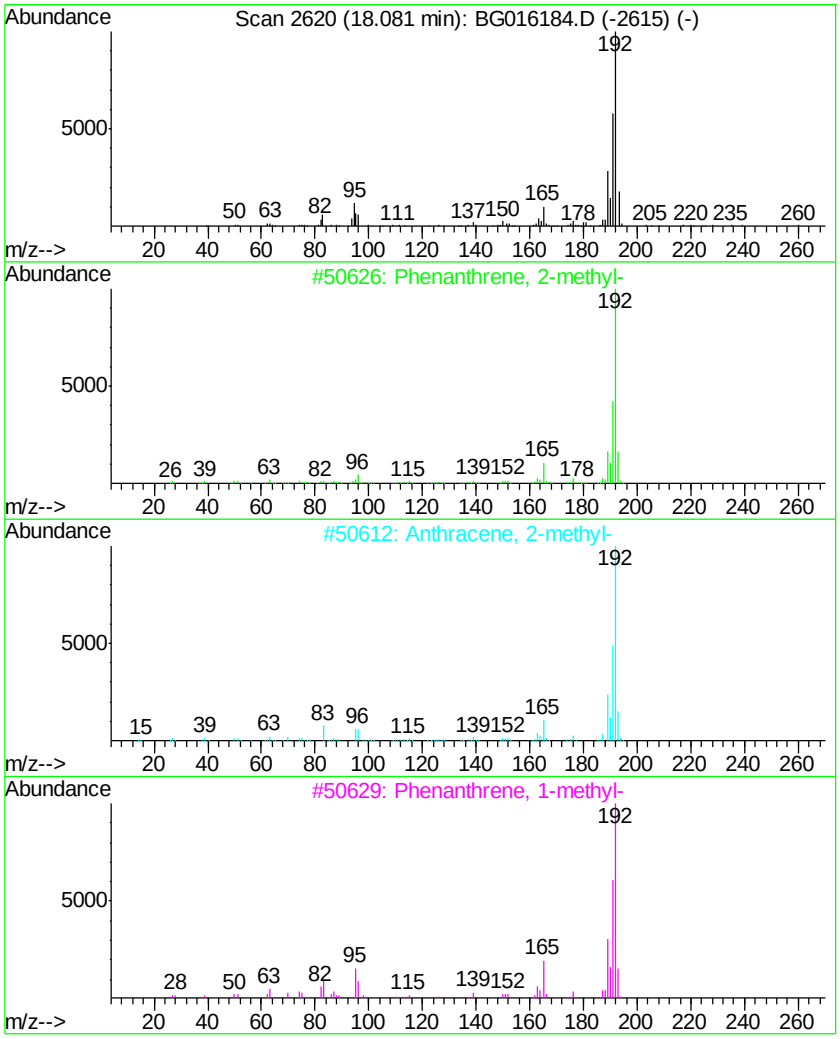
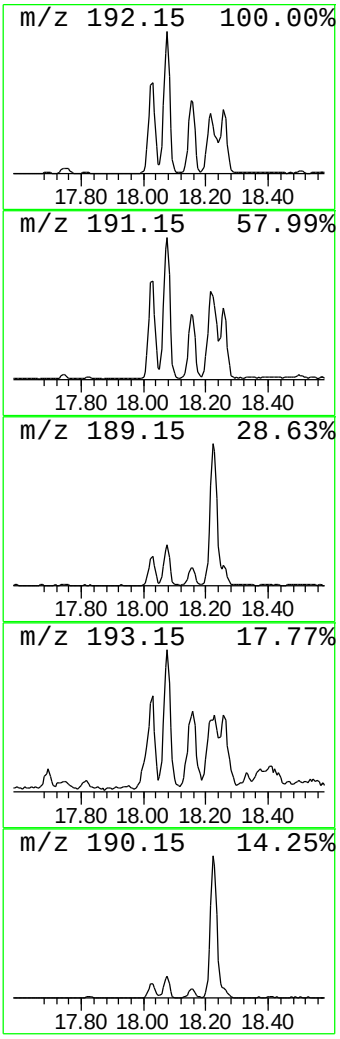
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	7.82 ng/ul	321392	Phenanthrene-d10	17.15

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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

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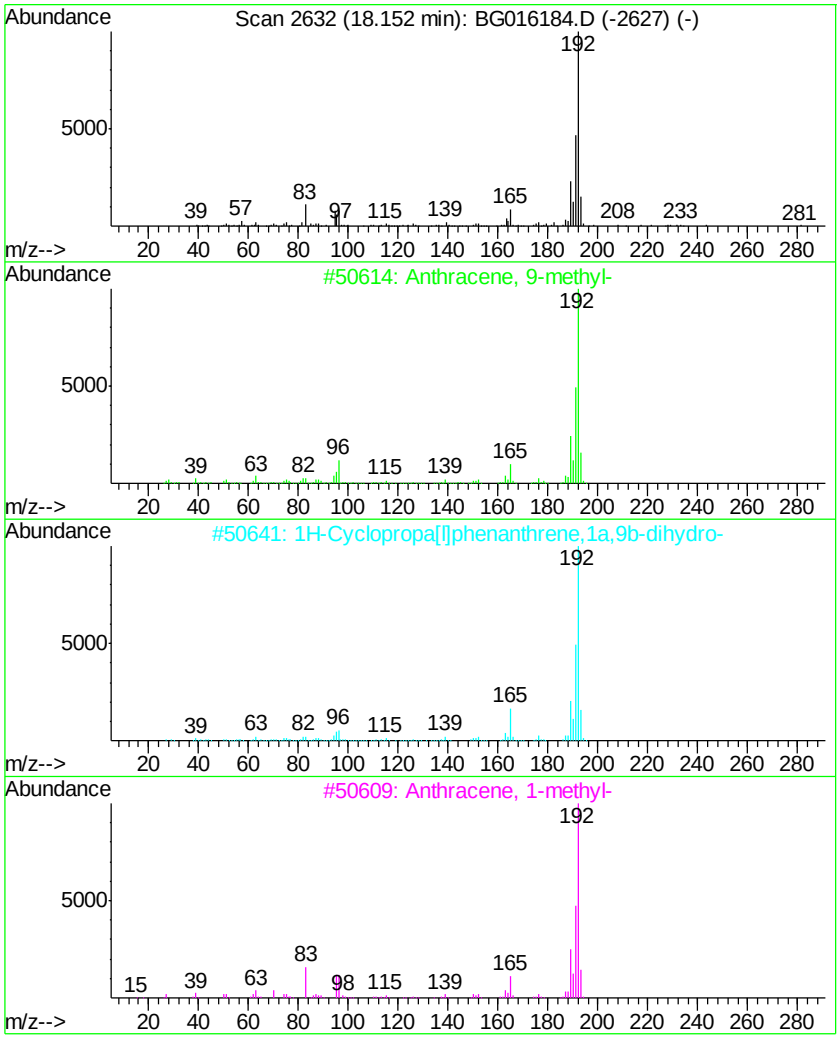
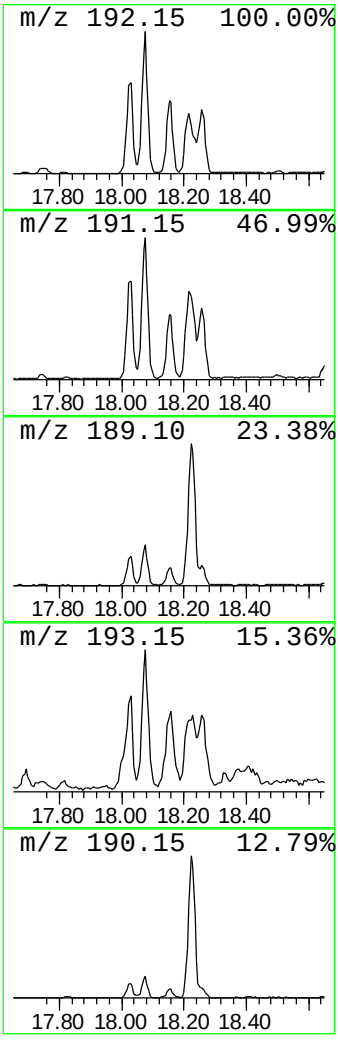
Peak Number 15 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.00 ng/ul	164566	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Quant Title : SVOA CALIBRATION

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

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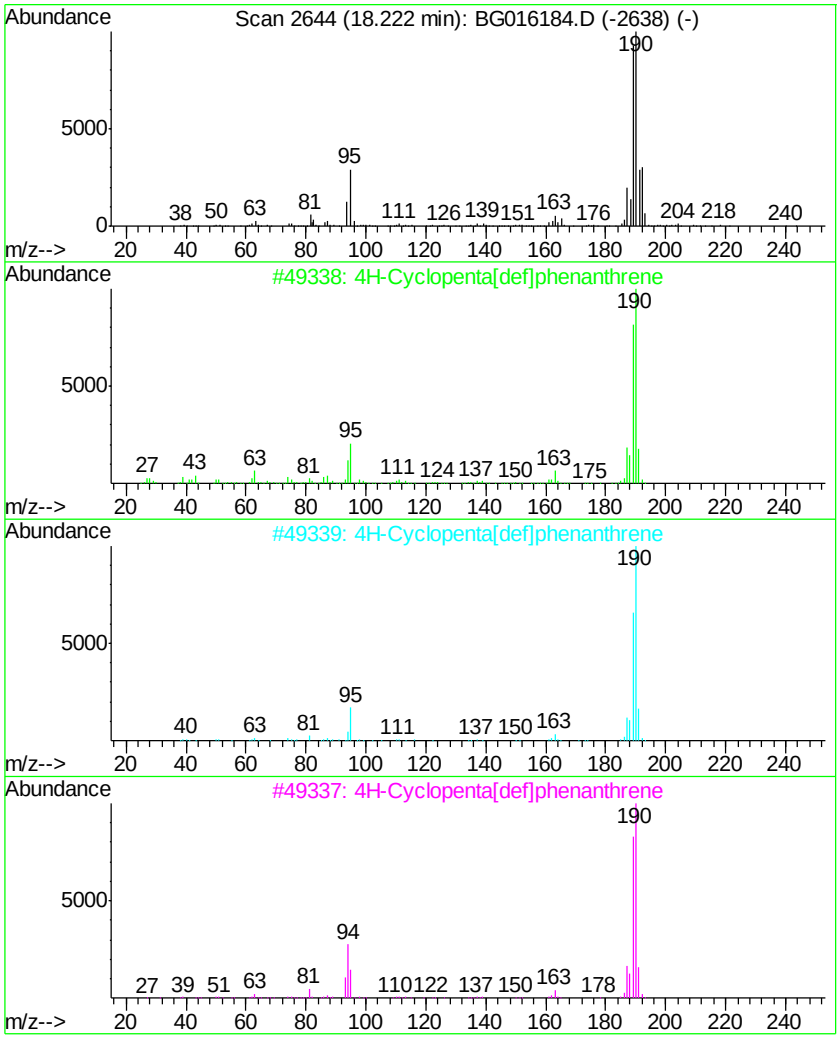
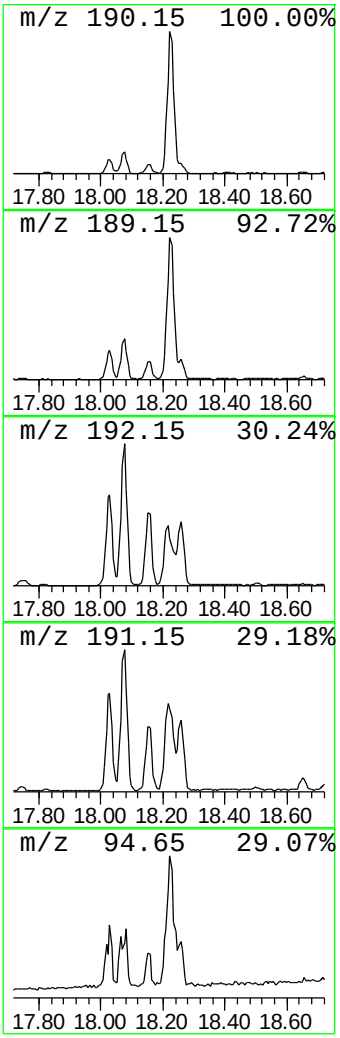
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	11.74 ng/ul	482349	Phenanthrene-d10	17.15

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	58
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49





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Quant Title : SVOA CALIBRATION

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

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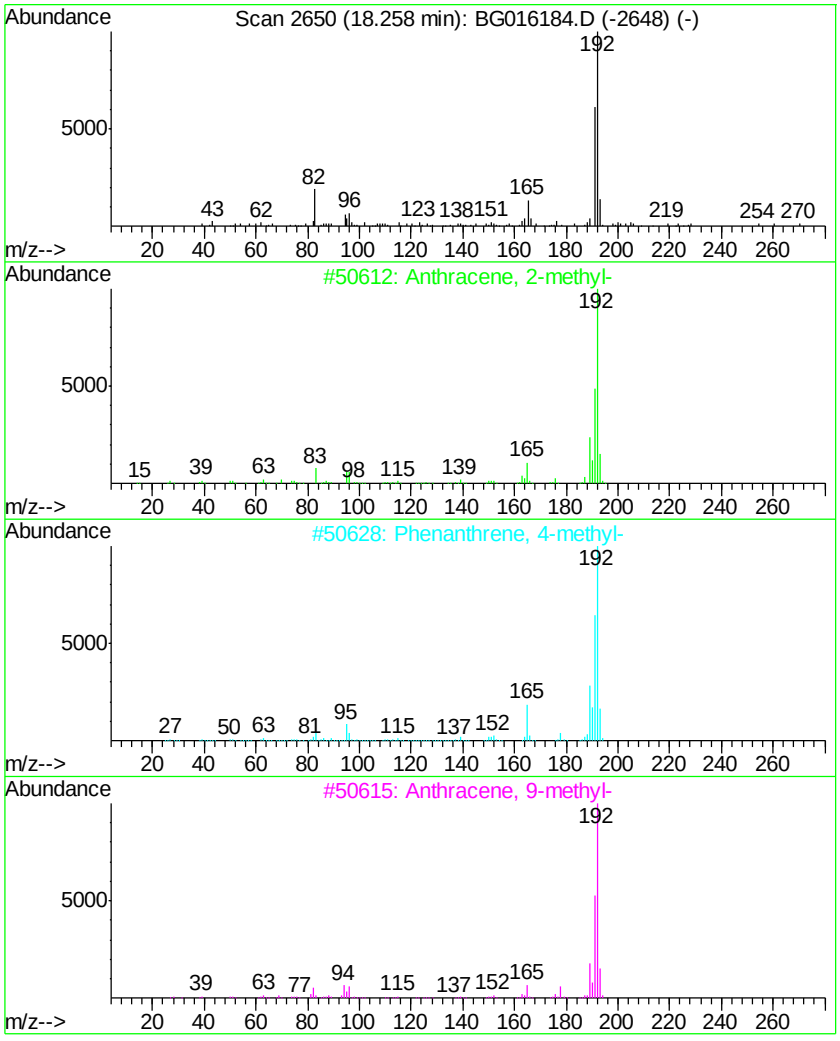
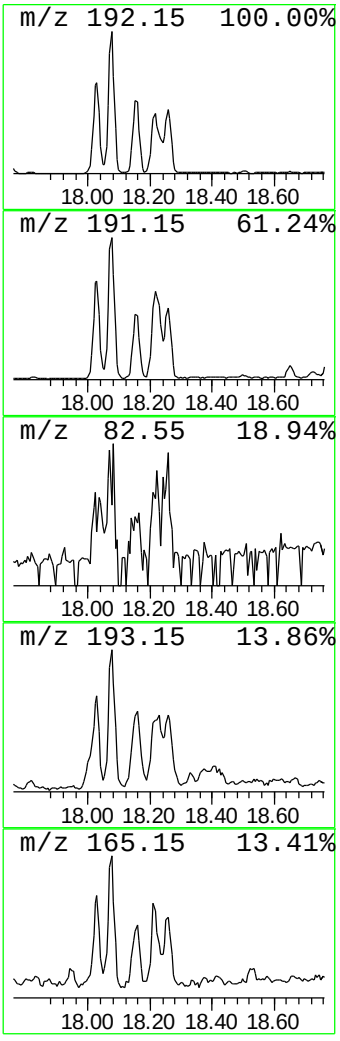
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.78 ng/ul	114029	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : C0AC9

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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 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.43 ng/ul	141105	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
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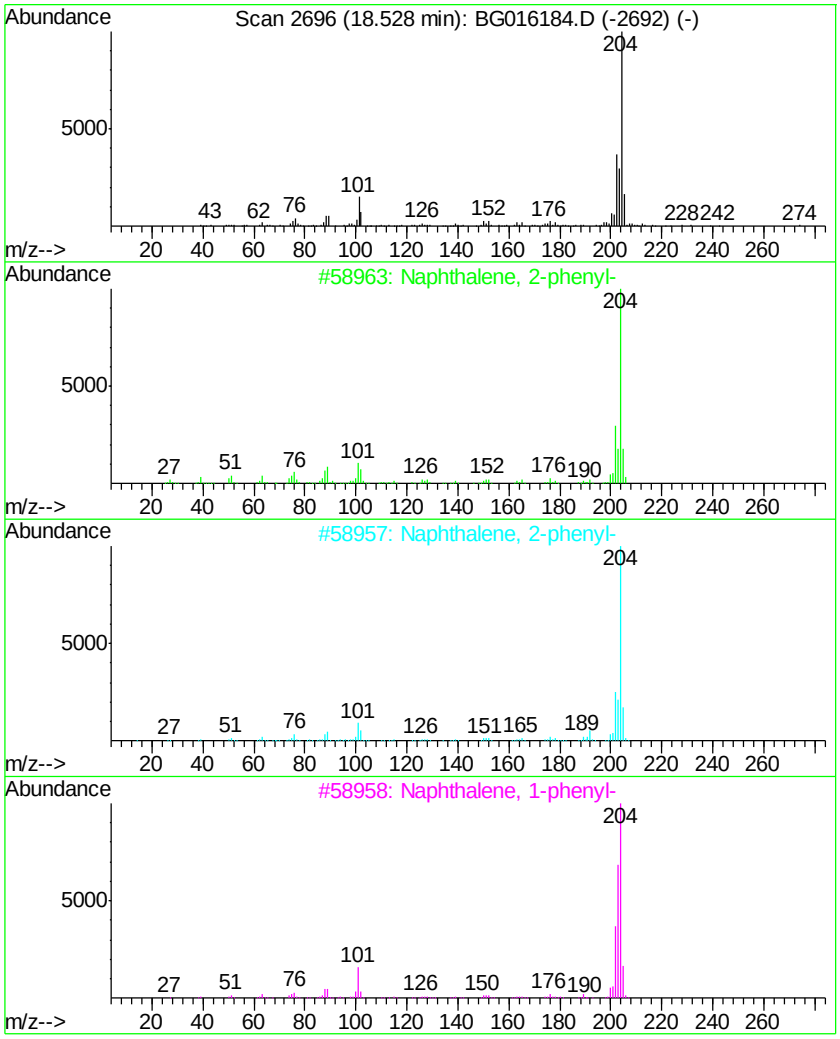

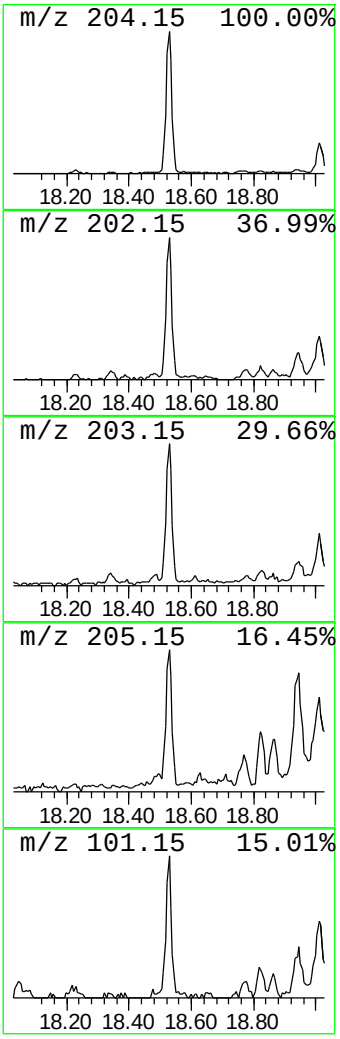

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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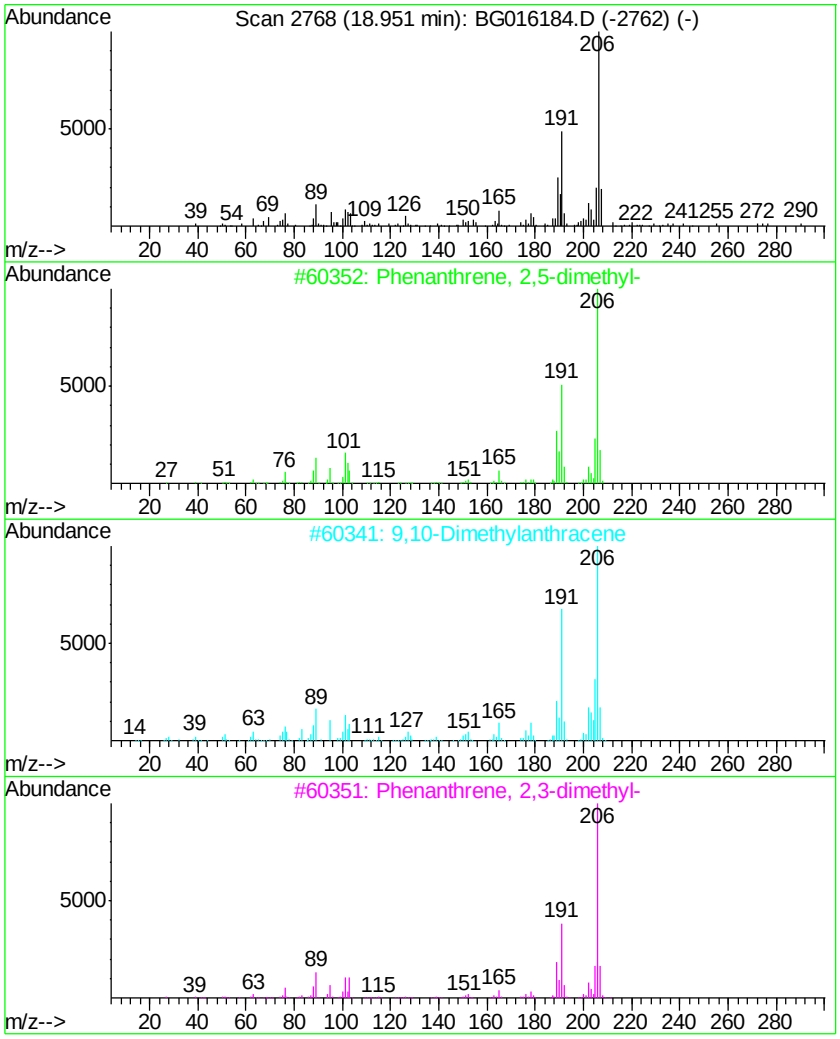
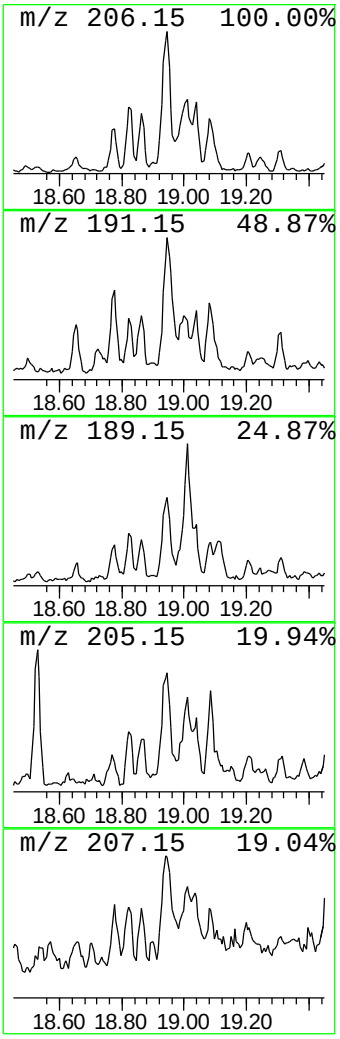
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.11 ng/ul	127888	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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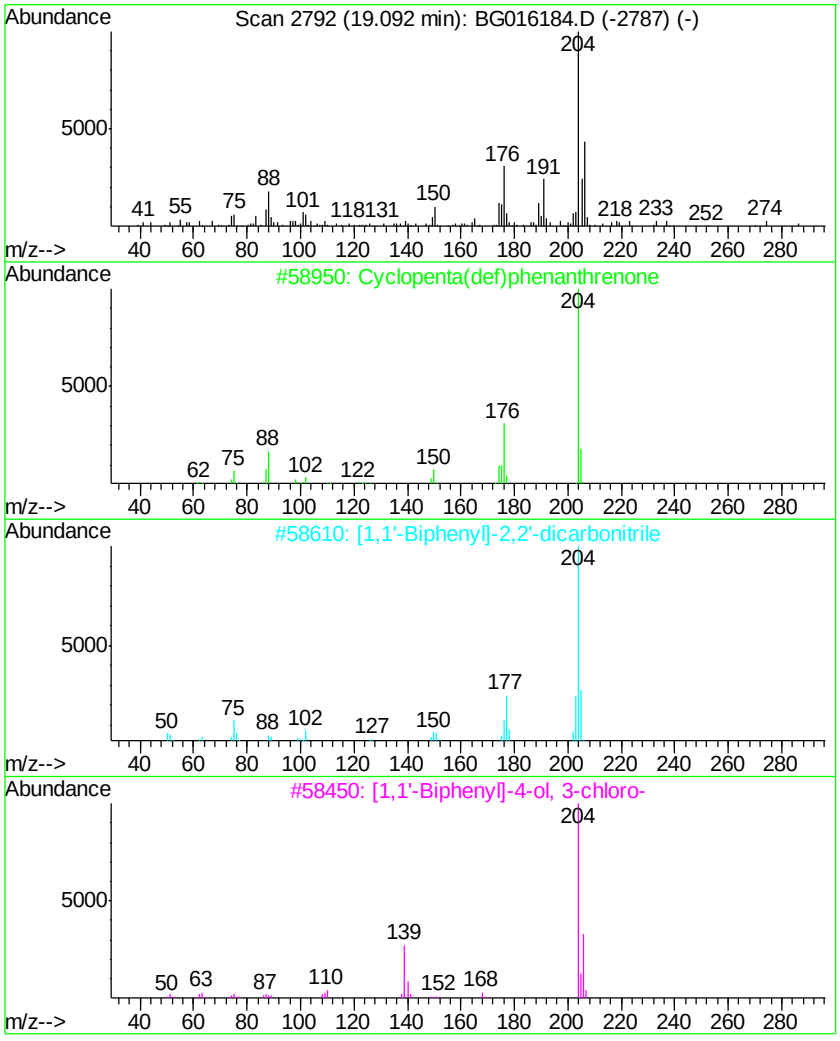
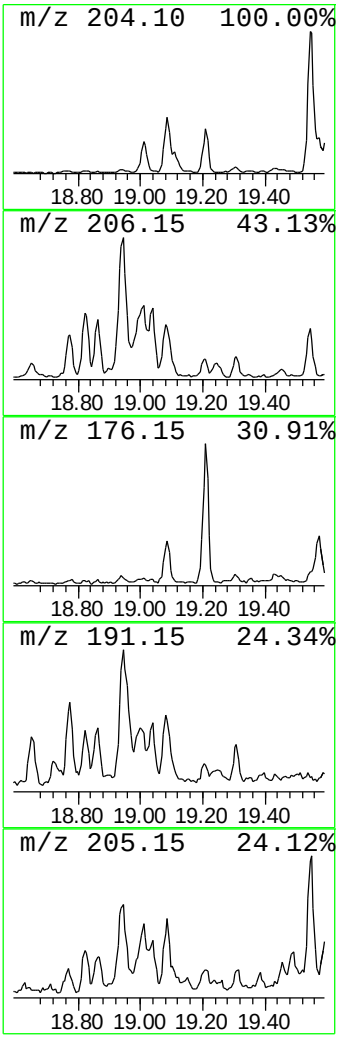
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	2.45 ng/ul	100752	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	40





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Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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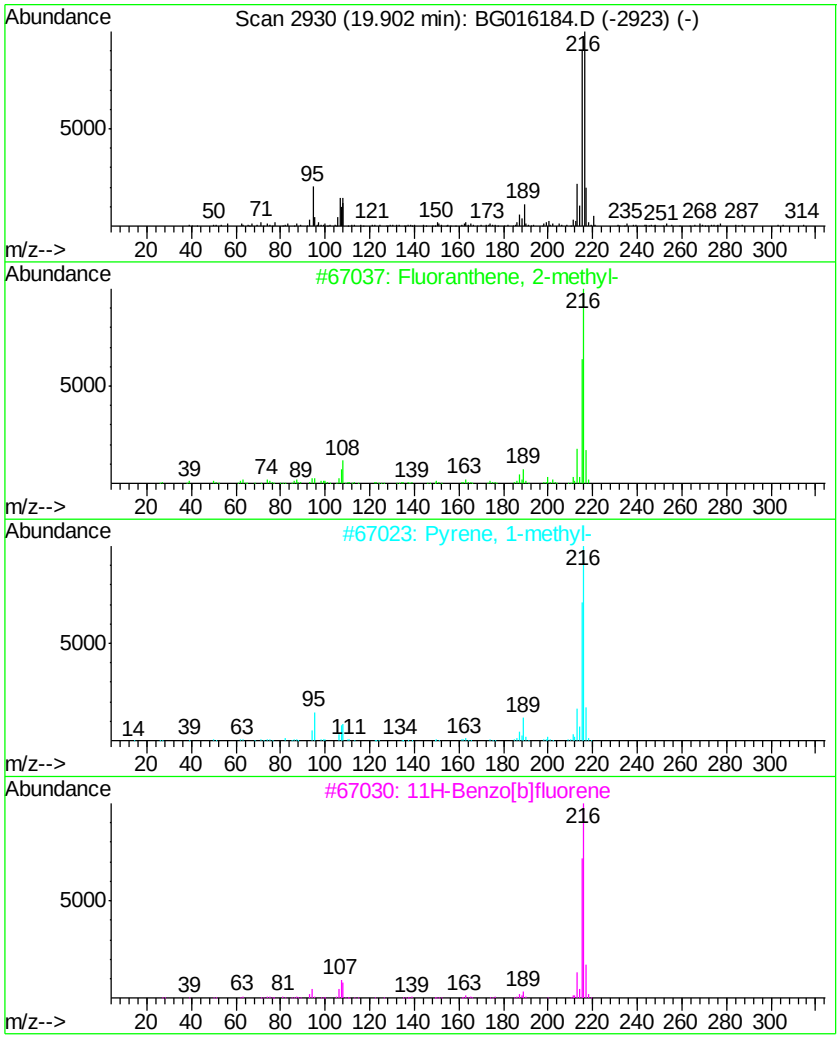
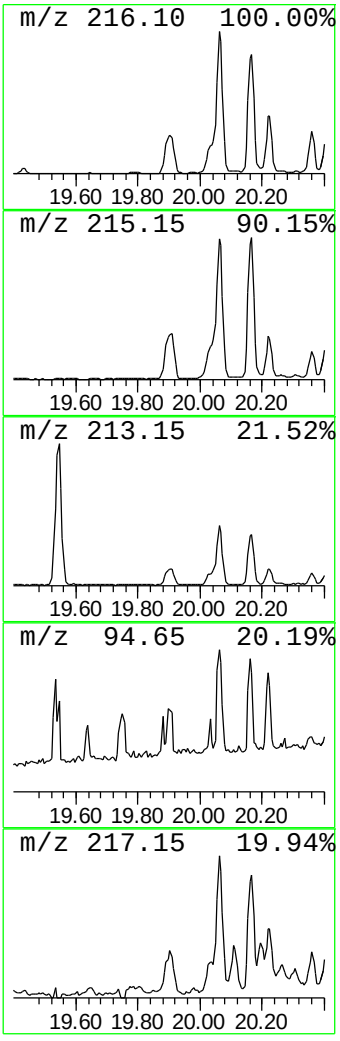
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.57 ng/ul	259354	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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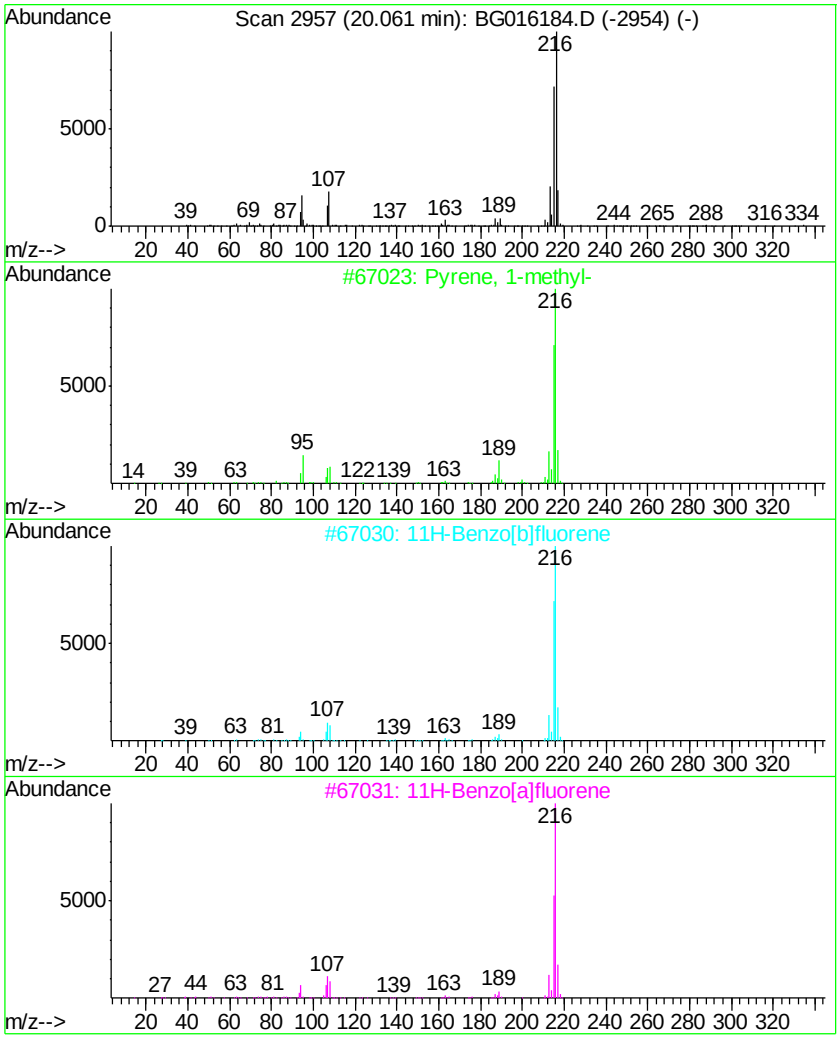
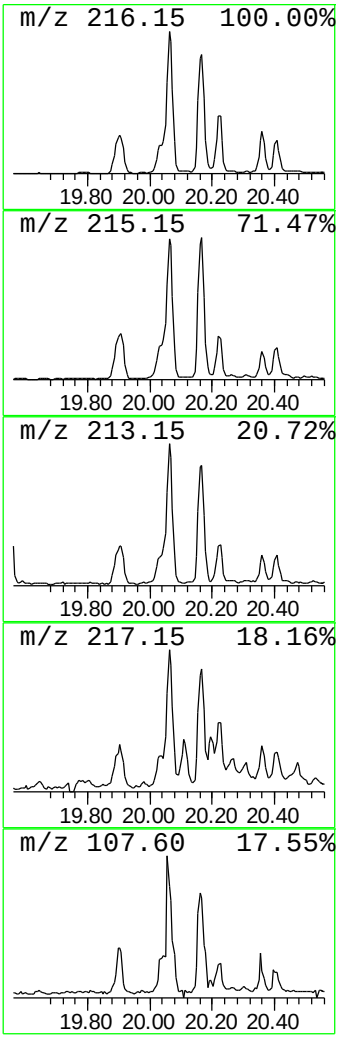
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.98 ng/ul	402497	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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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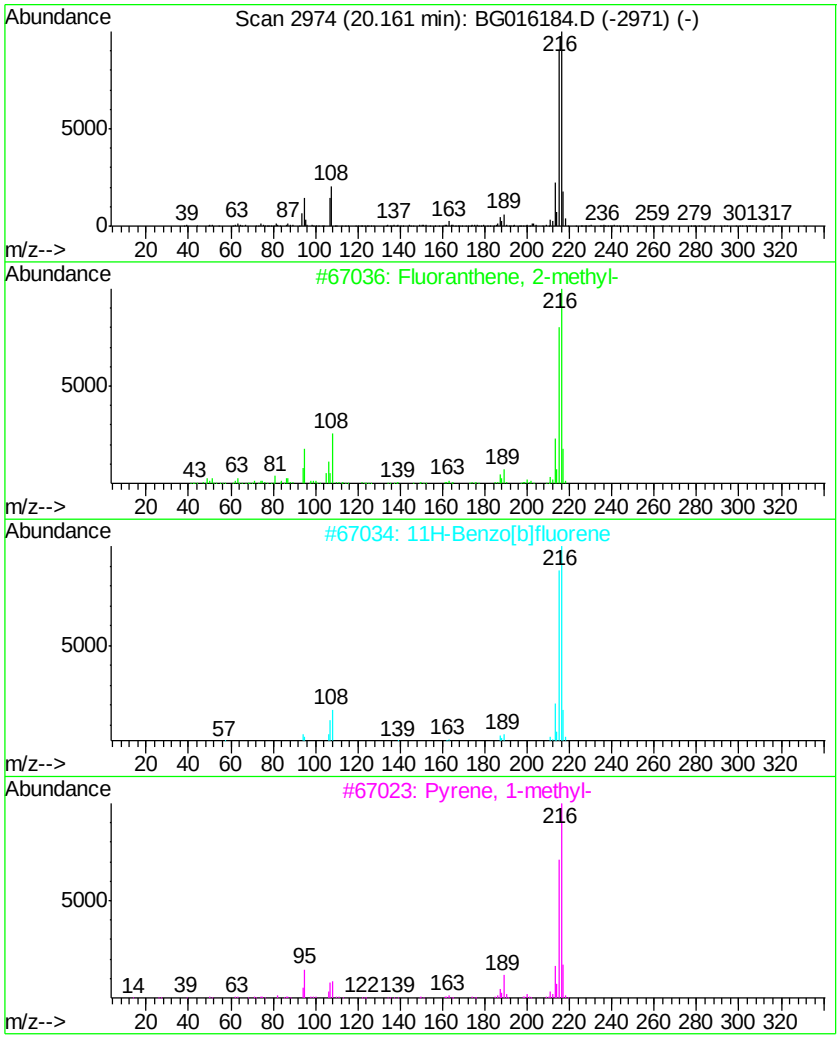
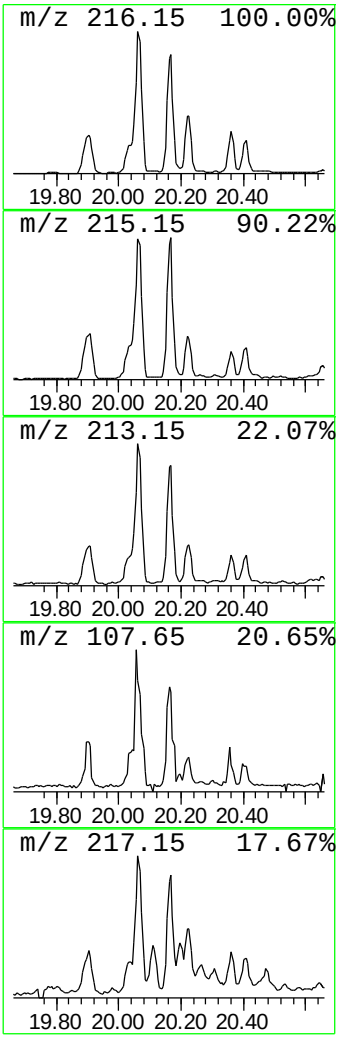
Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.96 ng/ul	299466	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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

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TIC Integration Parameters: LSCINT.P

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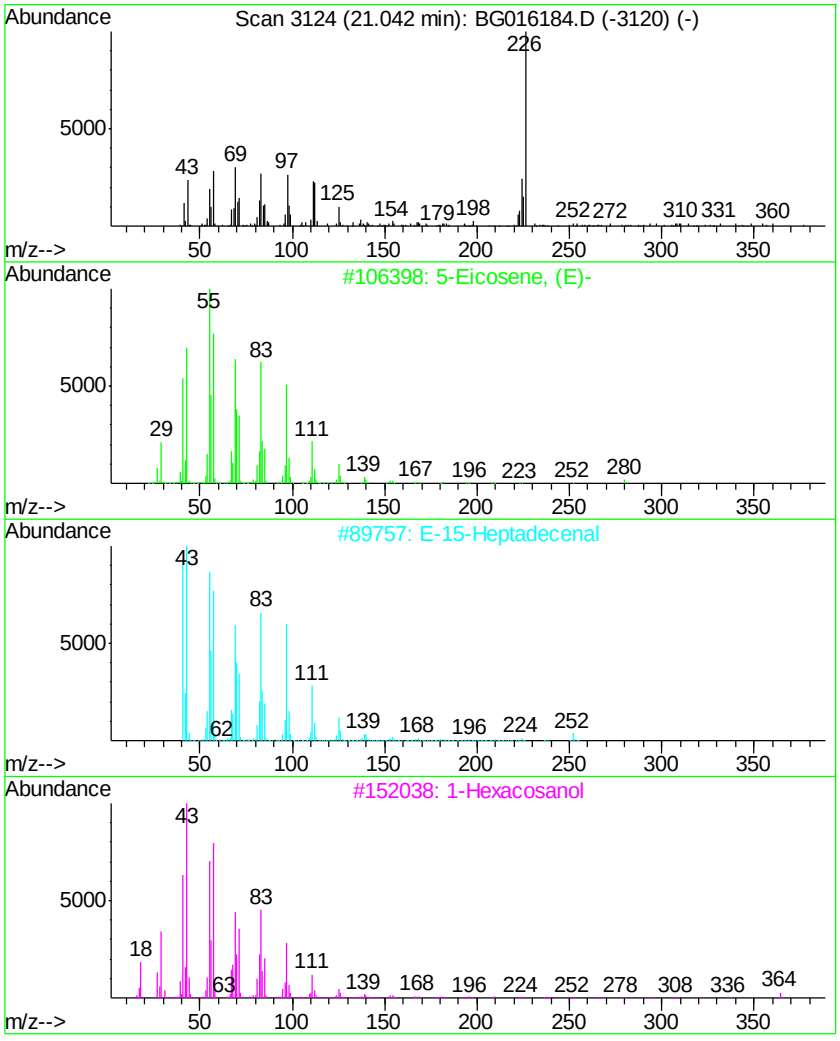
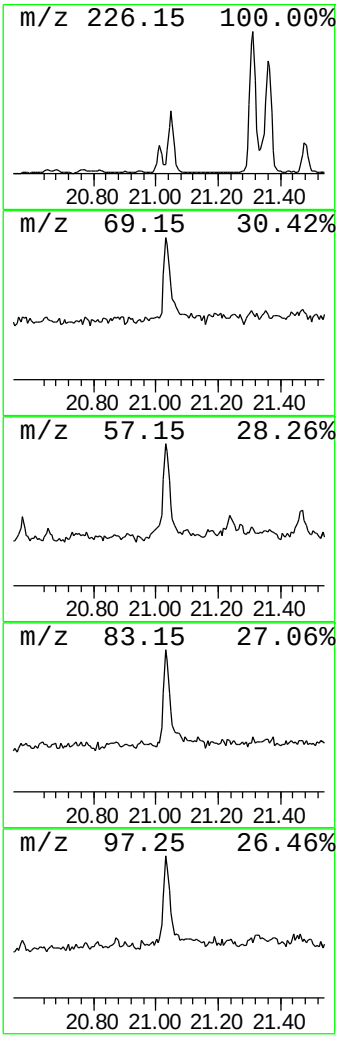
Peak Number 24 (DEL) Alkane: Cyclic Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	3.23 ng/ul	326561	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
3	1-Hexacosanol	382	C26H54O	000506-52-5	90
4	1-Tricosanol	340	C23H48O	003133-01-5	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032715\
Data File : BG016184.D
Acq On : 27 Mar 2015 20:38
Operator : TP/IZ
Sample : G1647-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC9

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	41.1	ng/ul	653097	1	7.79	317804	20.0
(+-)-4-Amino-4,5-...	4.92	2.6	ng/ul	41722	1	7.79	317804	20.0
(DEL) Alkane: Str...	13.24	2.9	ng/ul	112724	3	14.42	783730	20.0
(DEL) Alkane: Str...	14.31	4.2	ng/ul	165259	3	14.42	783730	20.0
(DEL) Alkane: Str...	15.26	3.8	ng/ul	146996	3	14.42	783730	20.0
[1,1'-Biphenyl]-4...	15.76	2.8	ng/ul	109780	3	14.42	783730	20.0
Dibenzofuran, 4-m...	15.90	3.8	ng/ul	154939	4	17.15	821816	20.0
(DEL) Alkane: Str...	16.12	5.4	ng/ul	223180	4	17.15	821816	20.0
9H-Fluorene, 2-me...	16.46	2.5	ng/ul	100992	4	17.15	821816	20.0
(DEL) Alkane: Str...	16.91	3.2	ng/ul	129741	4	17.15	821816	20.0
Dibenzothiophene	16.97	3.8	ng/ul	155851	4	17.15	821816	20.0
Phenanthrene, 2-m...	18.03	6.2	ng/ul	253221	4	17.15	821816	20.0
Anthracene, 2-met...	18.08	7.8	ng/ul	321392	4	17.15	821816	20.0
Anthracene, 9-met...	18.15	4.0	ng/ul	164566	4	17.15	821816	20.0
4H-Cyclopenta[def...	18.22	11.7	ng/ul	482349	4	17.15	821816	20.0
Anthracene, 1-met...	18.26	2.8	ng/ul	114029	4	17.15	821816	20.0
Naphthalene, 2-ph...	18.53	3.4	ng/ul	141105	4	17.15	821816	20.0
Phenanthrene, 2,5...	18.95	3.1	ng/ul	127888	4	17.15	821816	20.0
Cyclopenta(def)ph...	19.09	2.5	ng/ul	100752	4	17.15	821816	20.0
Fluoranthene, 2-m...	19.90	2.6	ng/ul	259354	5	21.32	2020470	20.0
Pyrene, 1-methyl-	20.06	4.0	ng/ul	402497	5	21.32	2020470	20.0
11H-Benzo[b]fluorene	20.16	3.0	ng/ul	299466	5	21.32	2020470	20.0
(DEL) Alkane: Cyclic	21.04	3.2	ng/ul	326561	5	21.32	2020470	20.0