LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

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\SOM02.2-EPA-BG102815.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	3.126	45	49	58	rVV2	34803	70030	5.05%	0.444%
2	3.209	58	63	71	rVB	99451	146300	10.56%	0.928%
3	3.485	107	110	115	rVB4	7913	7881	0.57%	0.050%
4	5.318	416	422	427	rVB6	5918	10970	0.79%	0.070%
5	6.799	668	674	680	rVV6	4955	10738	0.77%	0.068%
6	7.327	756	764	772	rBV	135882	251372	18.14%	1.594%
7	7.492	779	792	798	rBV	111912	190087	13.72%	1.205%
8	7.709	822	829	837	rVB	135108	231933	16.74%	1.470%
9	8.179	899	909	917	rBV2	129267	238281	17.19%	1.511%
10	8.832	1012	1020	1021	rBV3	4588	8108	0.59%	0.051%
11	8.884	1021	1029	1037	rBV2	156248	265953	19.19%	1.686%
12	9.020	1048	1052	1057	rBV5	5826	11184	0.81%	0.071%
13	9.078	1059	1062	1066	rVB3	6898	8846	0.64%	0.056%
14	9.260	1087	1093	1094	rBV3	3448	6706	0.48%	0.043%
15	9.349	1102	1108	1115	rBV	151731	268155	19.35%	1.700%
16	9.742	1171	1175	1181	rVB4	4317	8195	0.59%	0.052%
17	9.918	1200	1205	1209	rVB5	5654	9815	0.71%	0.062%
18	10.077	1225	1232	1242	rBV	142043	266616	19.24%	1.690%
19	10.400	1284	1287	1292	rVB5	4164	6715	0.48%	0.043%
20	10.565	1311	1315	1319	rBV4	4353	9304	0.67%	0.059%
21	10.624	1319	1325	1334	rVB	189258	343092	24.76%	2.175%
22	10.958	1378	1382	1384	rBV4	7235	11467	0.83%	0.073%
23	11.005	1384	1390	1398	rVB	181906	325211	23.47%	2.062%
24	11.141	1404	1413	1421	rVB	160494	294160	21.23%	1.865%
25	11.423	1458	1461	1465	rBV4	3741	7297	0.53%	0.046%
26	11.464	1465	1468	1473	rVV2	9468	16357	1.18%	0.104%
27	11.663	1494	1502	1505	rBV4	4213	10219	0.74%	0.065%
28	11.699	1505	1508	1512	rVV5	5934	9450	0.68%	0.060%
29	11.898	1534	1542	1545	rBV8	6208	9932	0.72%	0.063%
30	11.998	1554	1559	1564	rBV2	19924	36707	2.65%	0.233%
31	12.098	1571	1576	1584	rVB8	6445	14429	1.04%	0.091%
32	12.386	1622	1625	1633	rVB4	10648	17762	1.28%	0.113%
33	12.527	1646	1649	1652	rVB5	6249	6632	0.48%	0.042%
34	12.580	1655	1658	1661	rBV4	4796	7198	0.52%	0.046%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

35	12.938	1715	1719	1724	rVB6	5890	9835	0.71%	0.062%
36	13.168	1756	1758	1765	rVB7	6416	12518	0.90%	0.079%
37	13.332	1782	1786	1791	rBV3	13983	20880	1.51%	0.132%
38	13.414	1796	1800	1806	rVB6	9965	18060	1.30%	0.114%
39	13.614	1830	1834	1841	rVB3	19360	31736	2.29%	0.201%
40	13.849	1871	1874	1878	rVB5	5070	7678	0.55%	0.049%
41	14.084	1909	1914	1917	rBV3	11355	16297	1.18%	0.103%
42	14.131	1918	1922	1926	rVV2	19082	31946	2.31%	0.203%
43	14.202	1927	1934	1939	rVV	415468	624419	45.06%	3.959%
44	14.249	1939	1942	1950	rVB	179095	272372	19.65%	1.727%
45	14.507	1979	1986	1993	rBV	412067	646403	46.64%	4.098%
46	14.678	2011	2015	2020	rBV2	22206	27795	2.01%	0.176%
47	14.766	2025	2030	2031	rBV4	9044	12691	0.92%	0.080%
48	14.813	2032	2038	2044	rVV2	326712	543457	39.22%	3.445%
49	14.883	2048	2050	2055	rVB5	7897	10637	0.77%	0.067%
50	14.995	2063	2069	2080	rVB2	147688	253842	18.32%	1.609%
51	15.195	2098	2103	2109	rVB5	46508	72073	5.20%	0.457%
52	15.277	2113	2117	2124	rVB5	21150	36562	2.64%	0.232%
53	15.371	2128	2133	2136	rBV6	7691	15240	1.10%	0.097%
54	15.418	2137	2141	2145	rVB7	19730	29920	2.16%	0.190%
55	15.477	2146	2151	2155	rVB3	17266	26998	1.95%	0.171%
56	15.518	2155	2158	2165	rBV8	7293	11220	0.81%	0.071%
57	15.588	2165	2170	2172	rBV5	21309	33764	2.44%	0.214%
58	15.624	2173	2176	2182	rVB	40033	55056	3.97%	0.349%
59	15.694	2184	2188	2190	rBV5	7955	12097	0.87%	0.077%
60	15.794	2199	2205	2213	rVB	551545	855178	61.71%	5.422%
61	15.906	2217	2224	2230	rBV	157729	242750	17.52%	1.539%
62	16.011	2238	2242	2243	rBV3	13610	13305	0.96%	0.084%
63	16.029	2243	2245	2250	rVB4	16005	24188	1.75%	0.153%
64	16.129	2257	2262	2269	rBV4	10738	30874	2.23%	0.196%
65	16.246	2280	2282	2286	rVB5	8339	8907	0.64%	0.056%
66	16.487	2319	2323	2325	rBV2	46080	54848	3.96%	0.348%
67	16.605	2340	2343	2347	rVB6	10504	13839	1.00%	0.088%
68	16.658	2347	2352	2353	rBV4	12161	17027	1.23%	0.108%
69	16.899	2390	2393	2395	rBV4	10376	13061	0.94%	0.083%
70	16.998	2407	2410	2413	rVB5	19222	19471	1.41%	0.123%
71	17.075	2418	2423	2426	rBV6	19275	35783	2.58%	0.227%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

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\SOM02.2-EPA-BG102815.M
Title : SVOA CALIBRATION

72	17.204	2440	2445	2451	rBV7	29686	67311	4.86%	0.427%
73	17.280	2454	2458	2462	rVV2	47642	63894	4.61%	0.405%
74	17.551	2498	2504	2509	rBV	488563	735282	53.06%	4.662%
75	17.651	2515	2521	2528	rVB	659706	994221	71.74%	6.303%
76	17.727	2530	2534	2535	rBV3	17770	20716	1.49%	0.131%
77	17.844	2552	2554	2563	rVB2	55800	82104	5.92%	0.521%
78	18.015	2580	2583	2589	rVB3	50656	79052	5.70%	0.501%
79	18.420	2647	2652	2655	rBV2	64279	108182	7.81%	0.686%
80	18.467	2656	2660	2666	rVB3	85399	145488	10.50%	0.922%
81	18.608	2680	2684	2688	rVB2	60012	82961	5.99%	0.526%
82	18.708	2698	2701	2703	rBV2	23451	26959	1.95%	0.171%
83	18.802	2714	2717	2720	rBV4	22654	30847	2.23%	0.196%
84	18.914	2732	2736	2741	rBV3	53448	76408	5.51%	0.484%
85	19.102	2765	2768	2770	rBV4	24602	27509	1.99%	0.174%
86	19.155	2773	2777	2782	rVB3	56248	87591	6.32%	0.555%
87	19.208	2783	2786	2790	rBV2	38917	58223	4.20%	0.369%
88	19.325	2802	2806	2811	rBV	137198	205567	14.83%	1.303%
89	19.384	2813	2816	2820	rVV2	43103	64645	4.66%	0.410%
90	19.419	2820	2822	2826	rVB	33908	38757	2.80%	0.246%
91	19.466	2827	2830	2836	rVB7	28068	56484	4.08%	0.358%
92	19.584	2847	2850	2857	rVB4	67750	109637	7.91%	0.695%
93	19.648	2857	2861	2864	rBV	53978	81780	5.90%	0.518%
94	19.924	2902	2908	2919	rVB	892292	1385807	100.00%	8.786%
95	20.218	2954	2958	2961	rBV	165526	178282	12.86%	1.130%
96	20.253	2961	2964	2968	rVB2	313317	337542	24.36%	2.140%
97	21.252	3131	3134	3139	rVB2	100361	125541	9.06%	0.796%
98	21.828	3226	3232	3238	rBV	627925	1062929	76.70%	6.739%
99	24.948	3754	3763	3773	rVB	438417	1214850	87.66%	7.702%
100	25.183	3794	3803	3815	rVB	330561	924726	66.73%	5.863%

Sum of corrected areas: 15773124

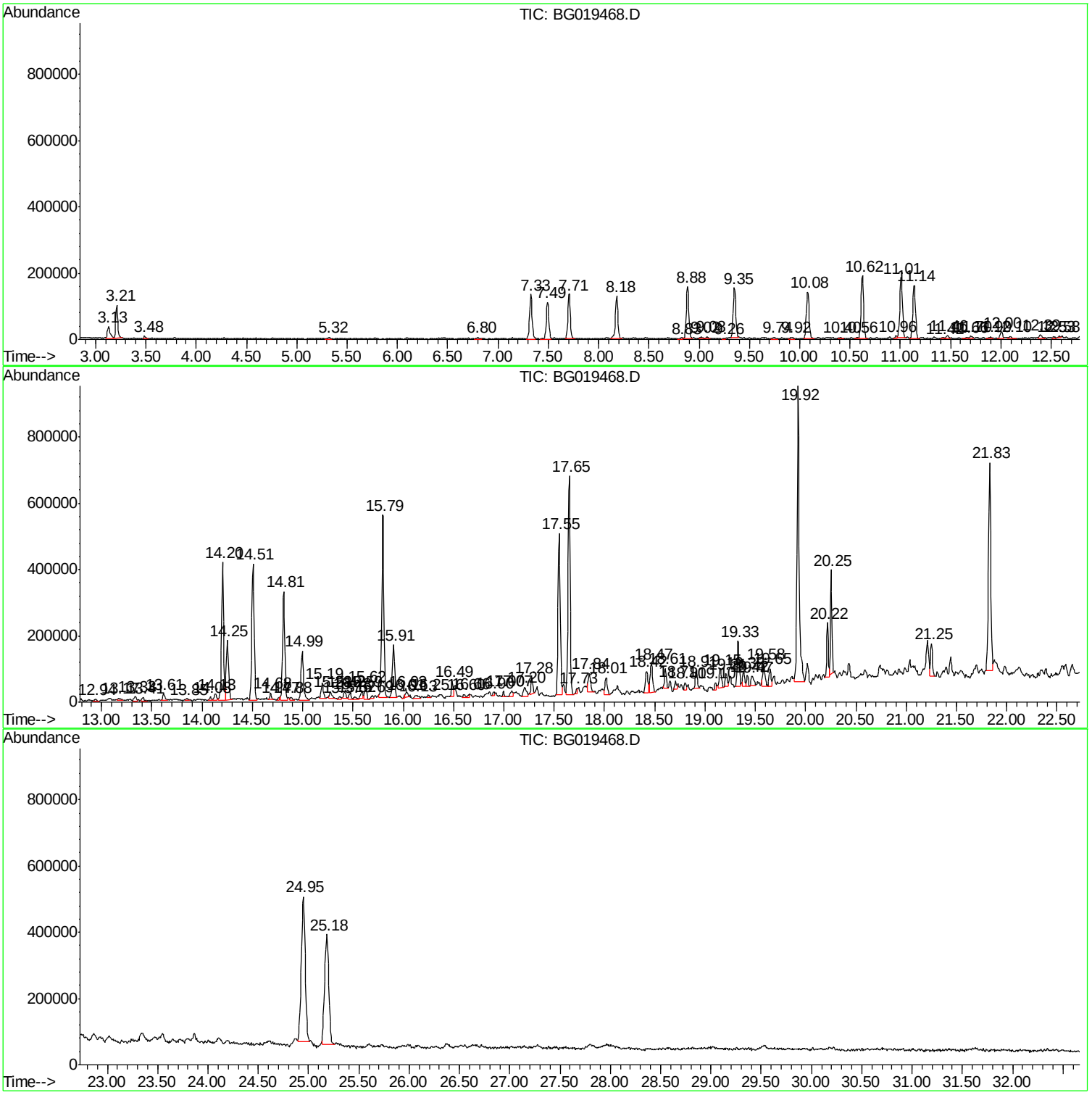
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

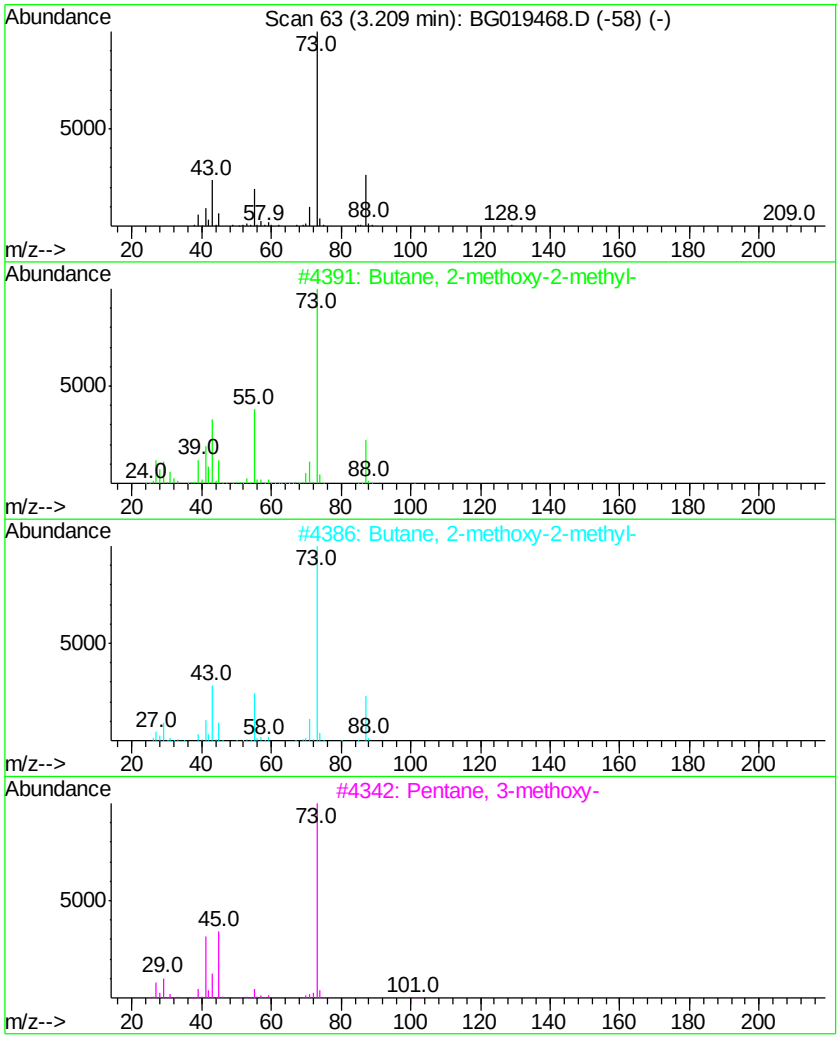
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

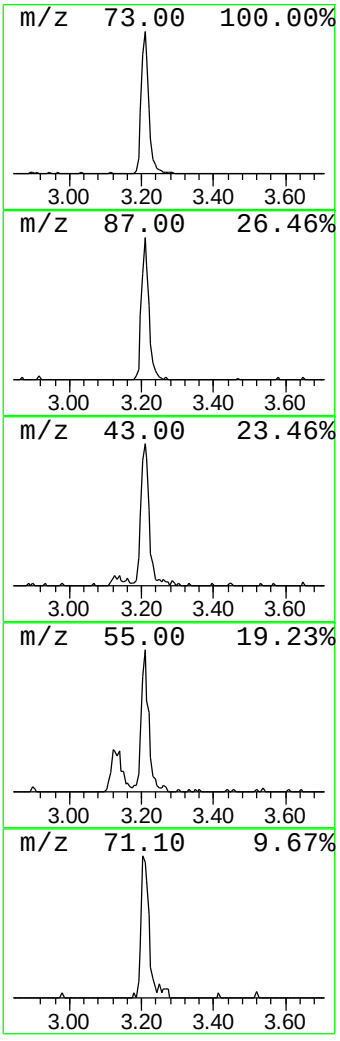
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	12.28 ng/ul	146300	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

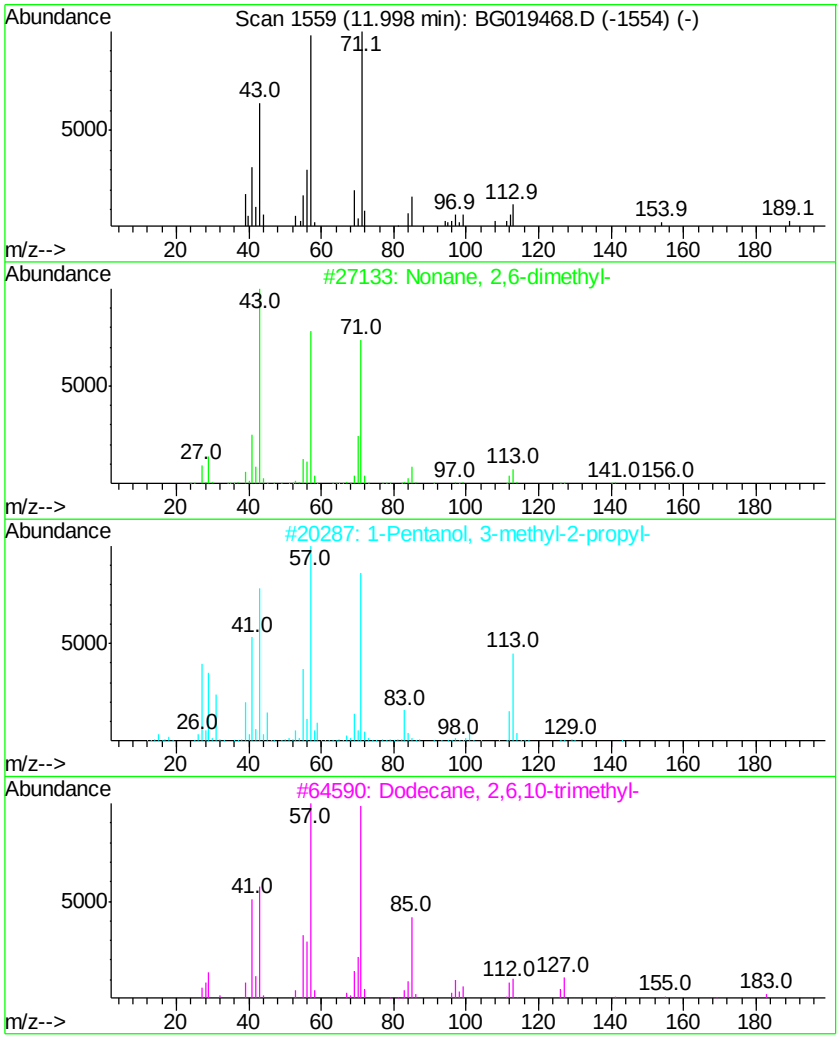
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

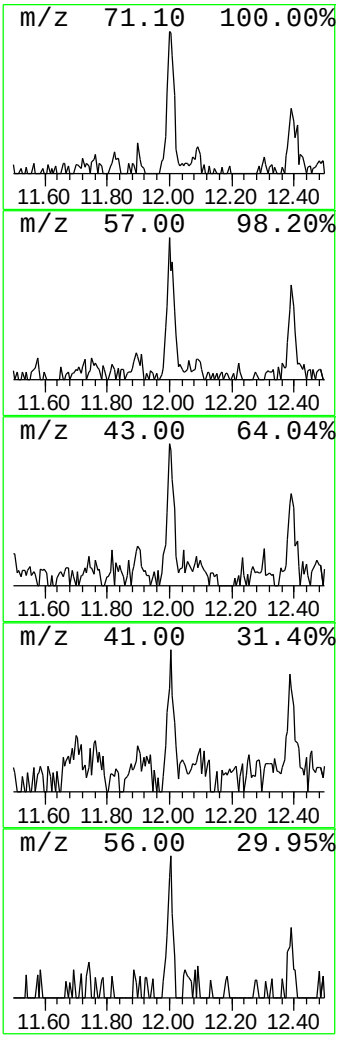
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.26 ng/ul	36707	Naphthalene-d8	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	64
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

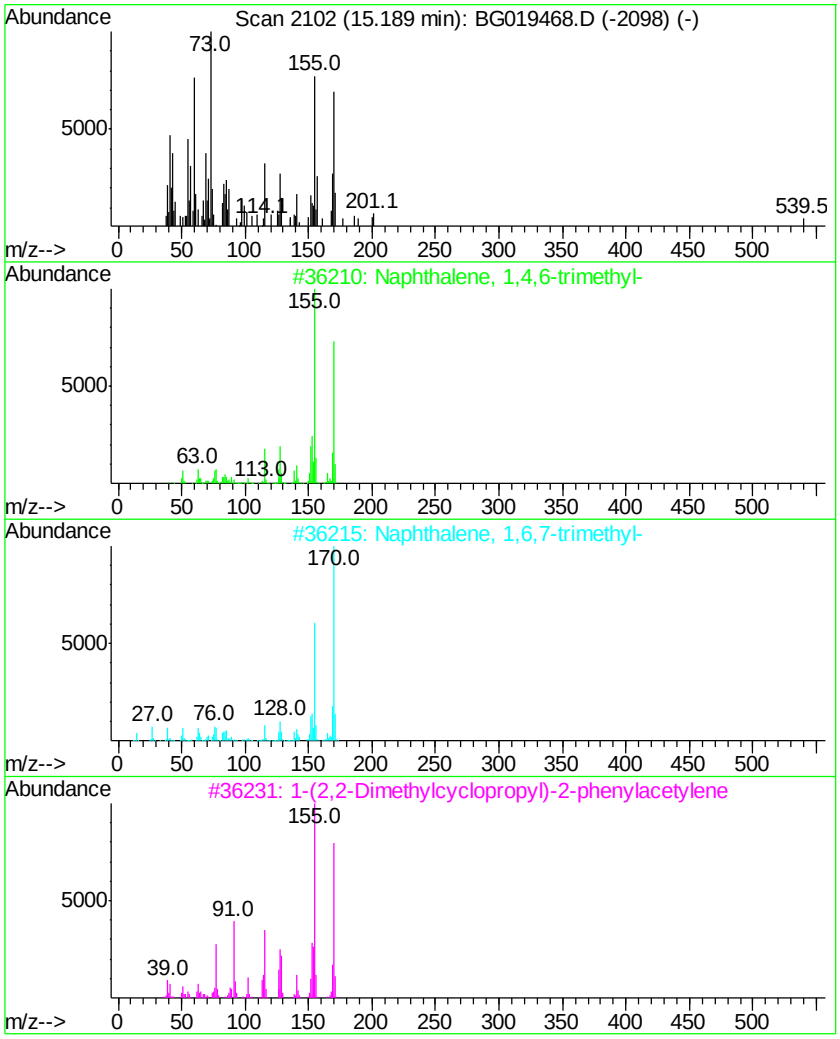
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

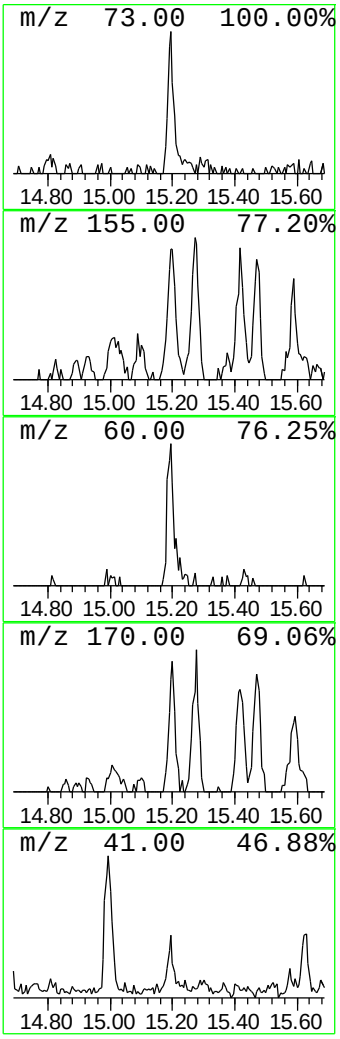
****

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	2.65 ng/ul	72073	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
3	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	52
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

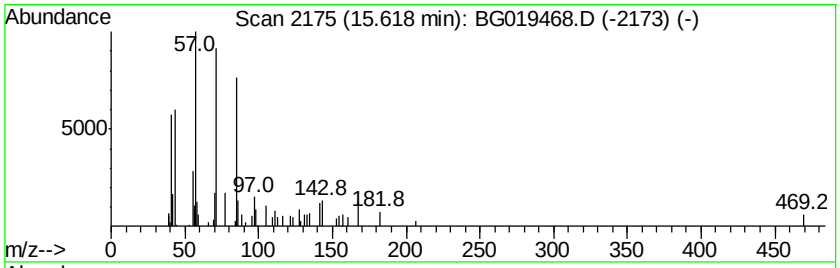
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

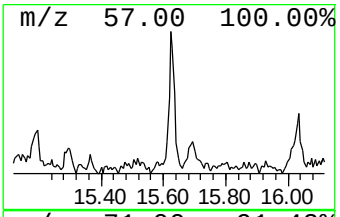
****

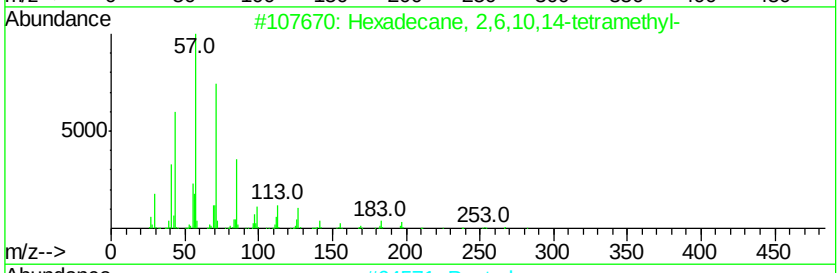
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 17

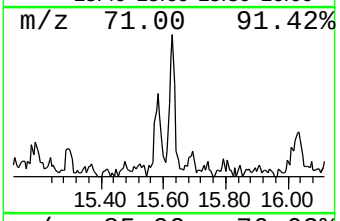
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.03 ng/ul	55056	Acenaphthene-d10	14.81

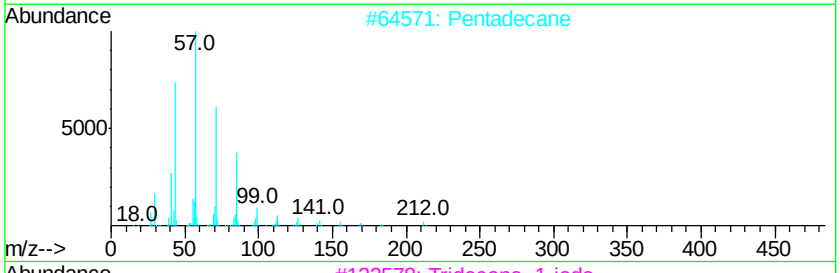
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Pentadecane	212	C15H32	000629-62-9	72
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64

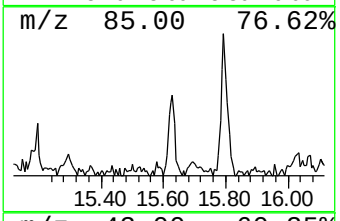


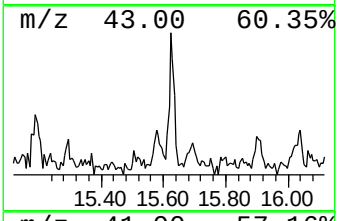


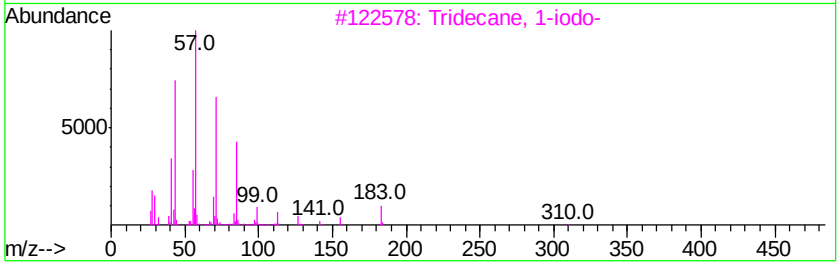


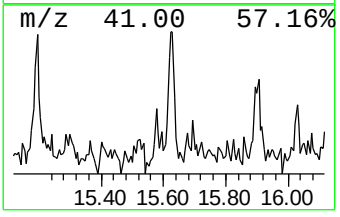












Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

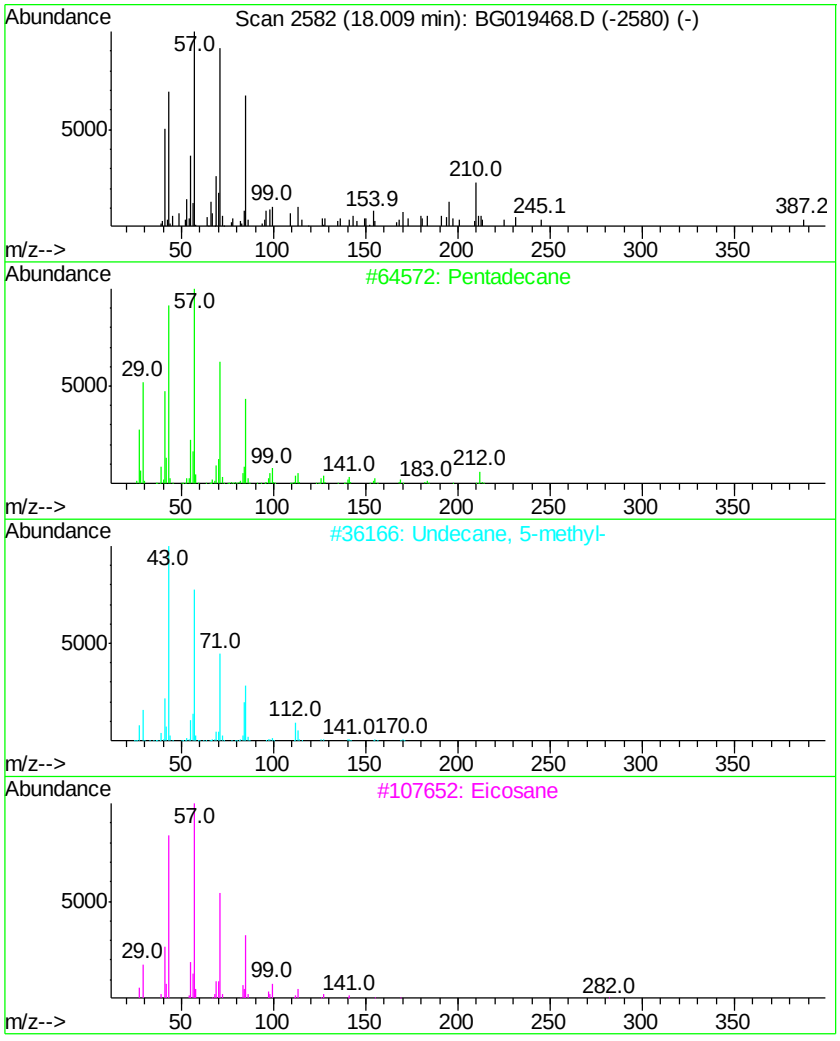
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

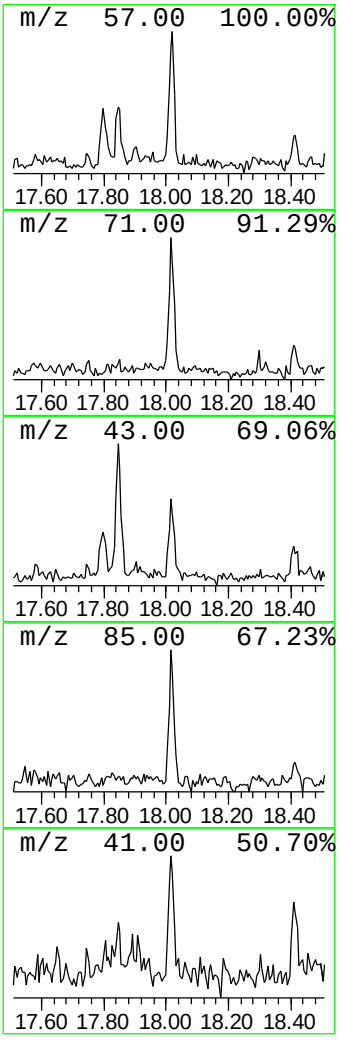
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.15 ng/ul	79052	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	78
3	Eicosane	282	C20H42	000112-95-8	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

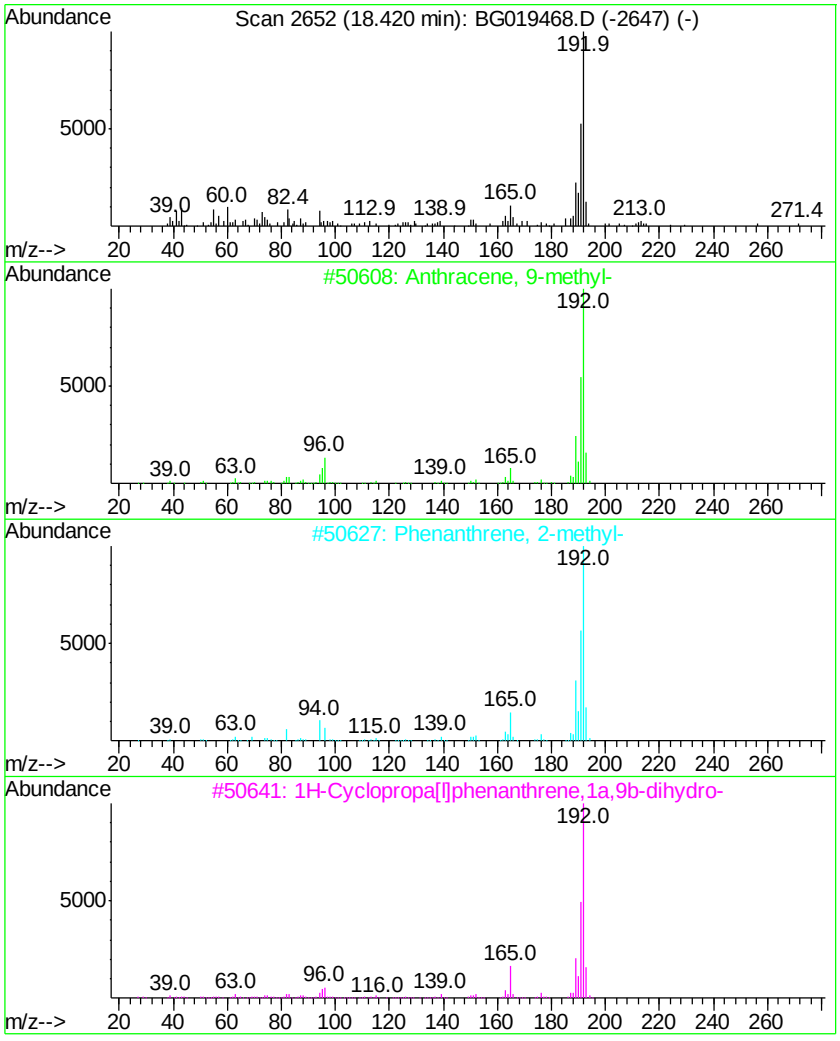
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

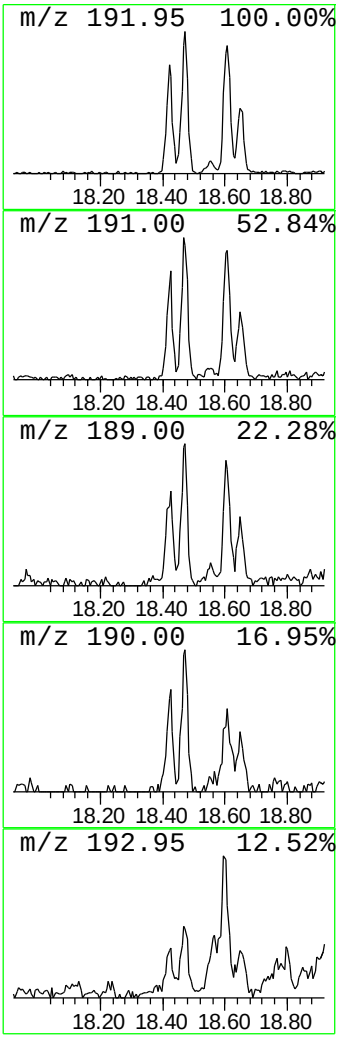
****

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.94 ng/ul	108182	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





Library Search Compound Report

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Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

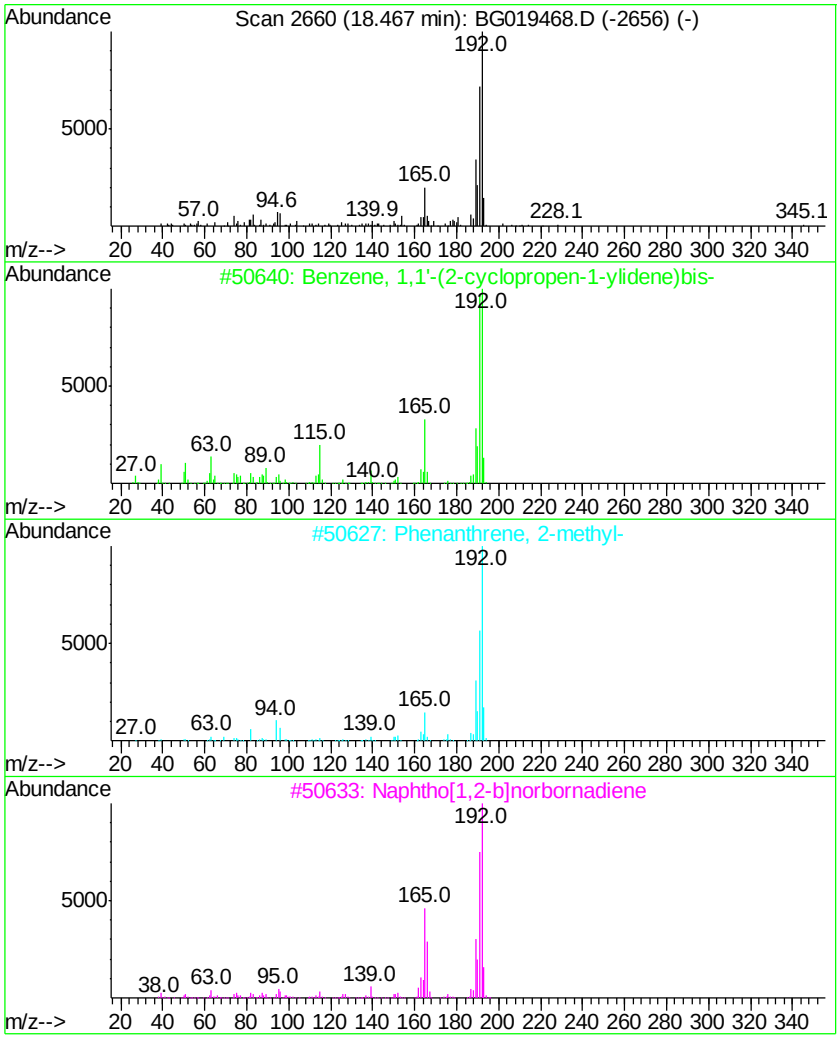
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

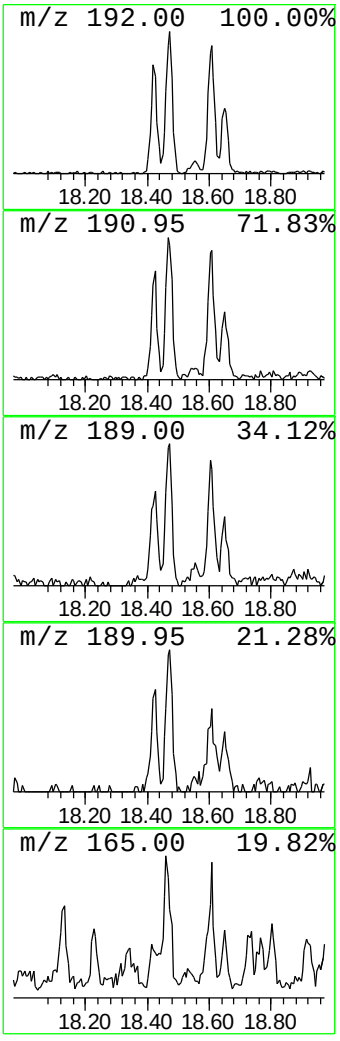
****

Peak Number 9 Benzene, 1,1'-(2-cycloprope... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.96 ng/ul	145488	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	76
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





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Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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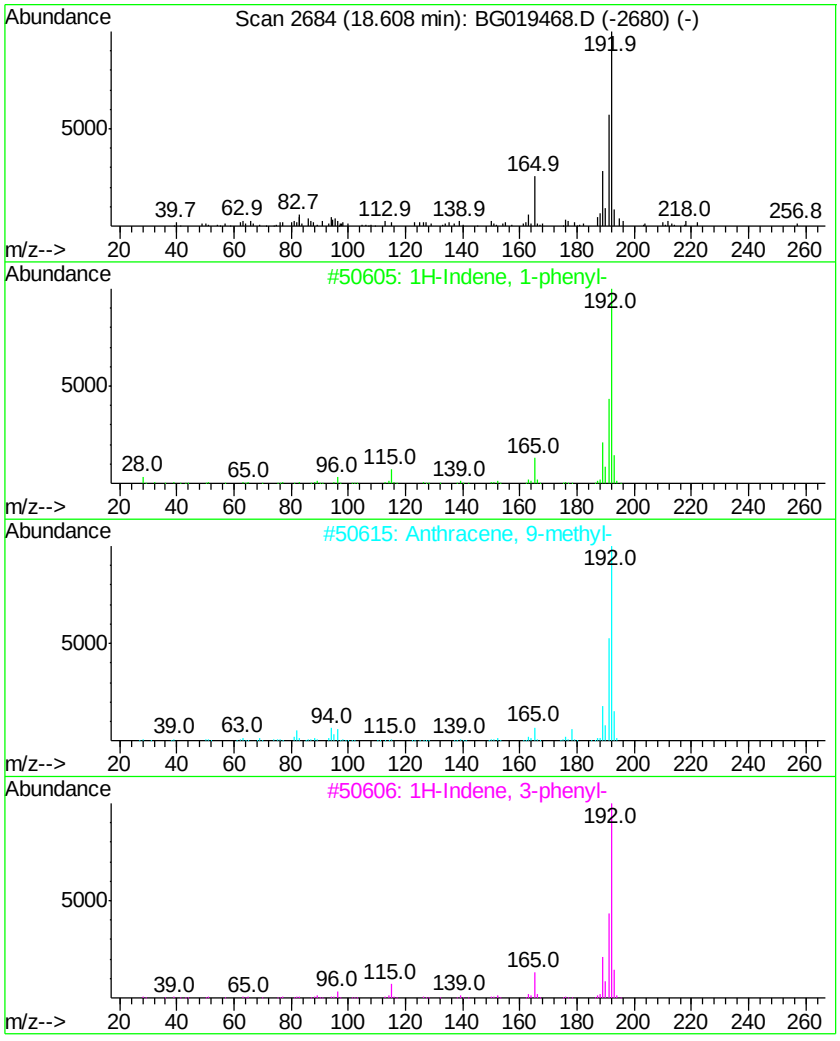
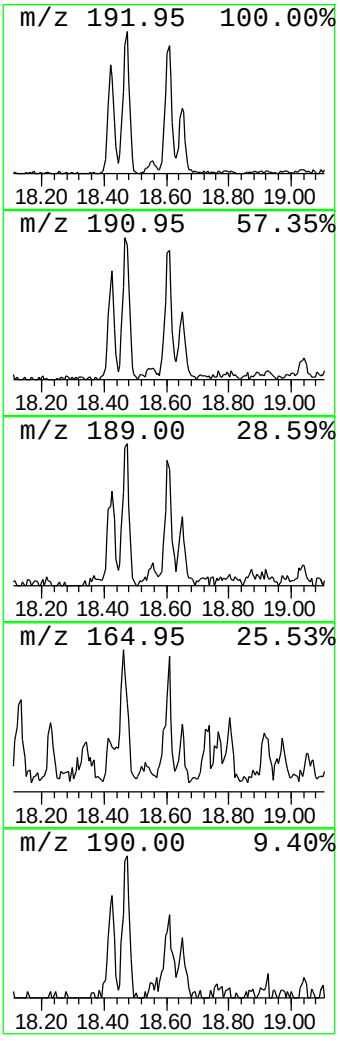
Peak Number 10 1H-Indene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.26 ng/ul	82961	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	64
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	64
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59





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Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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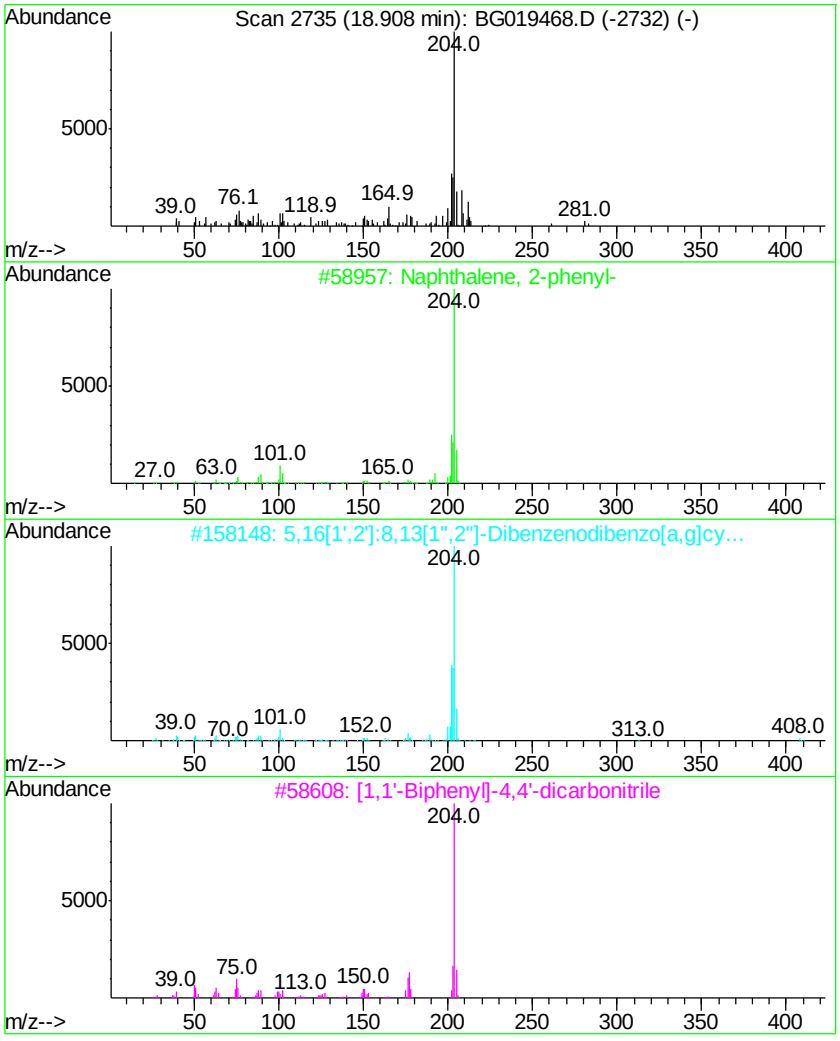
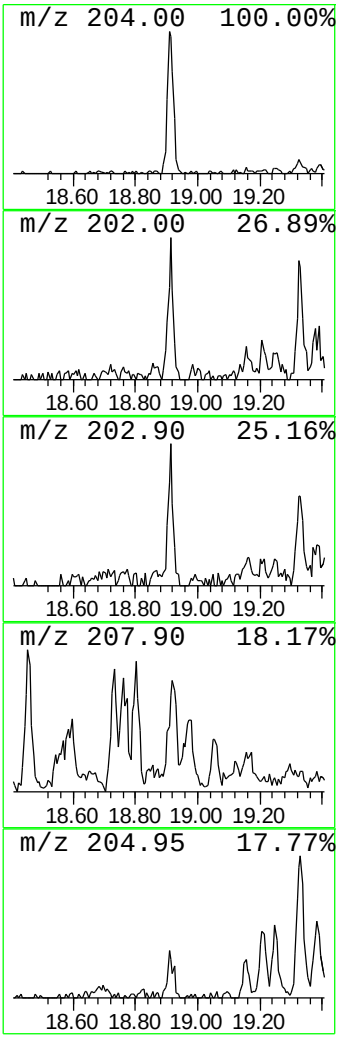
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.08 ng/ul	76408	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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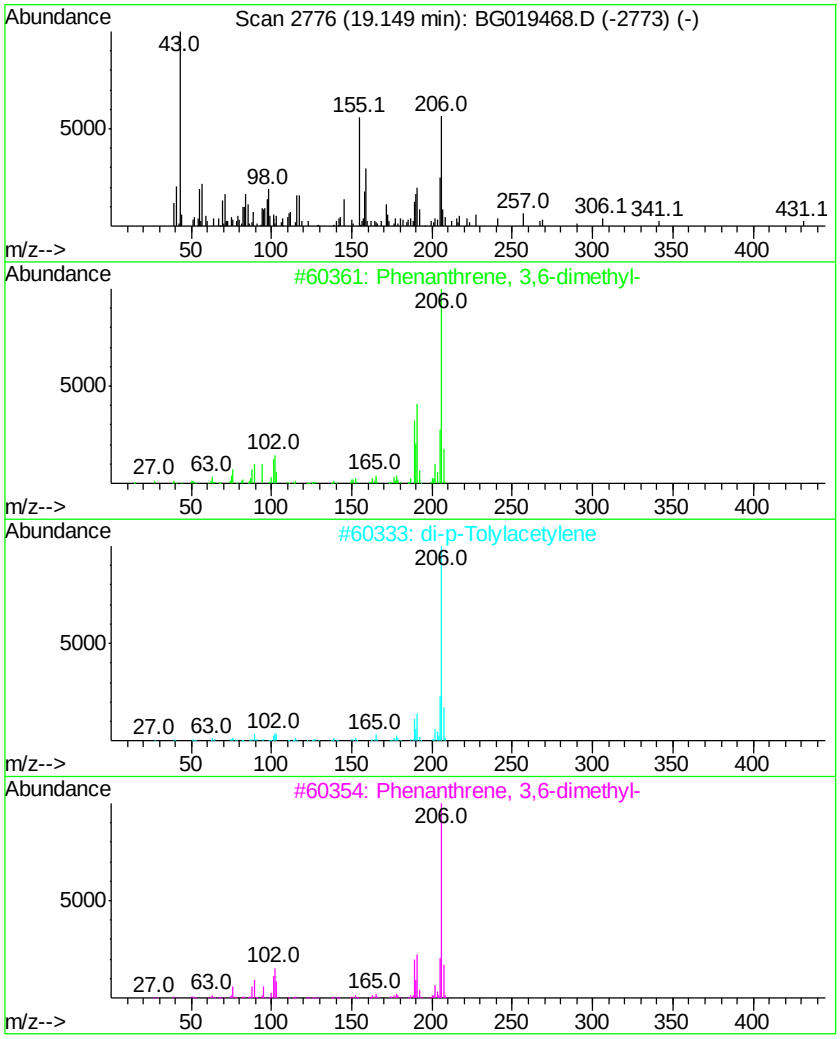
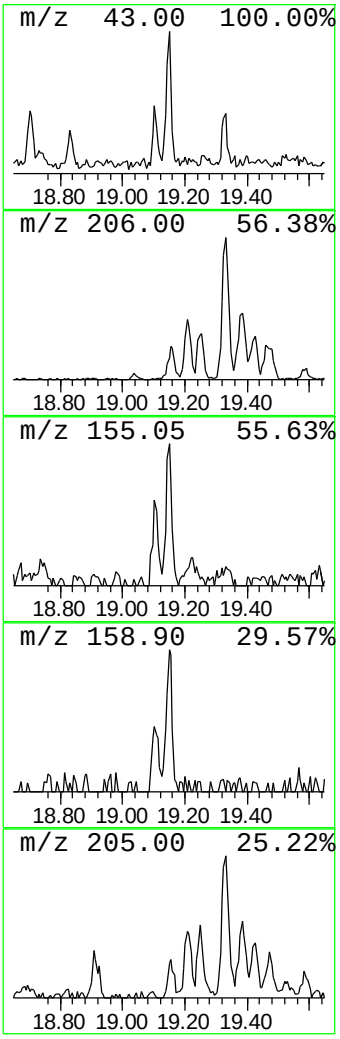
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.38 ng/ul	87591	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110315\
Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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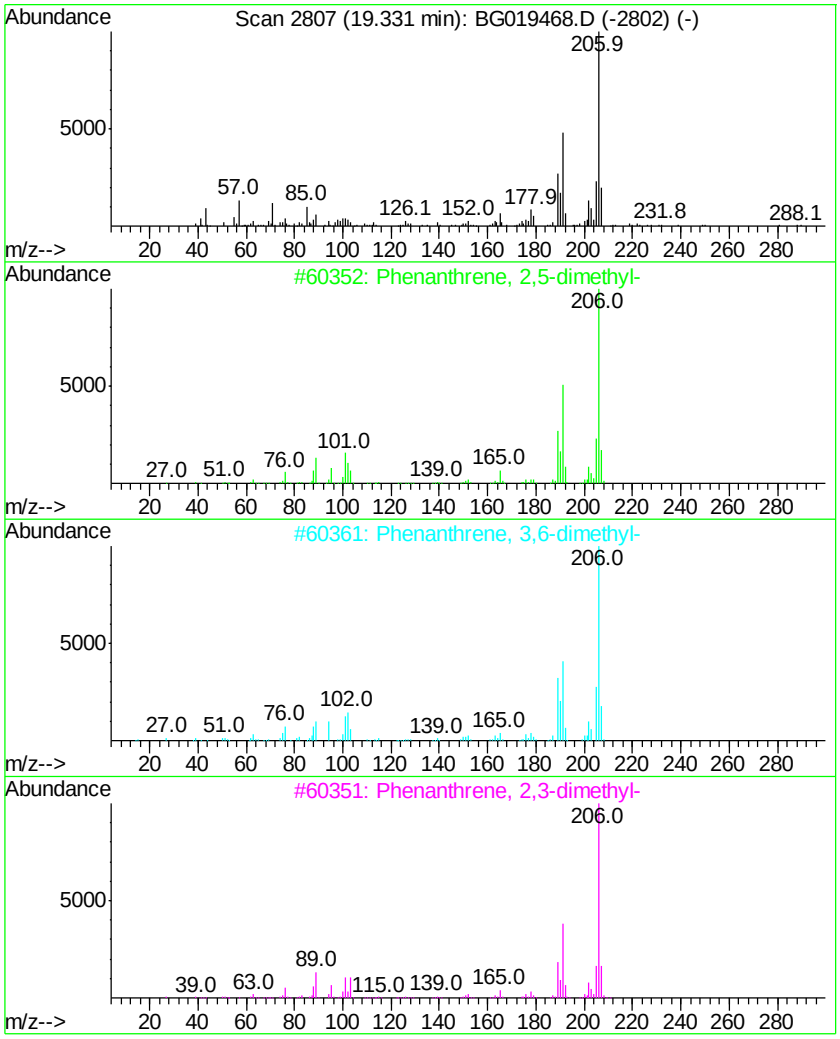
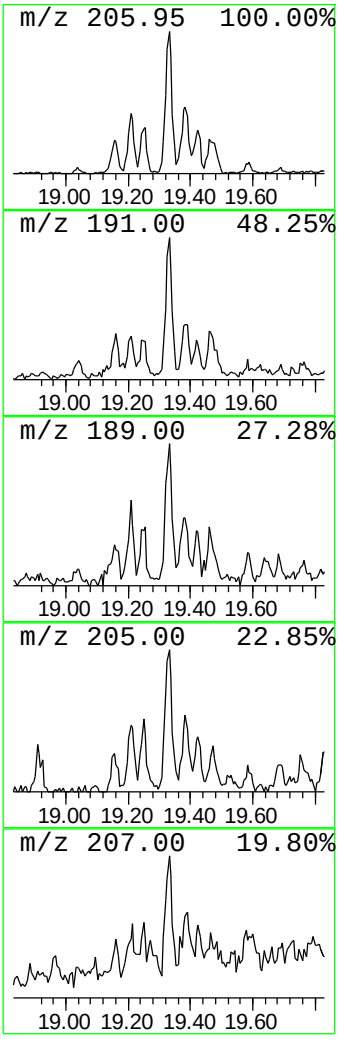
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	5.59 ng/ul	205567	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





Library Search Compound Report

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Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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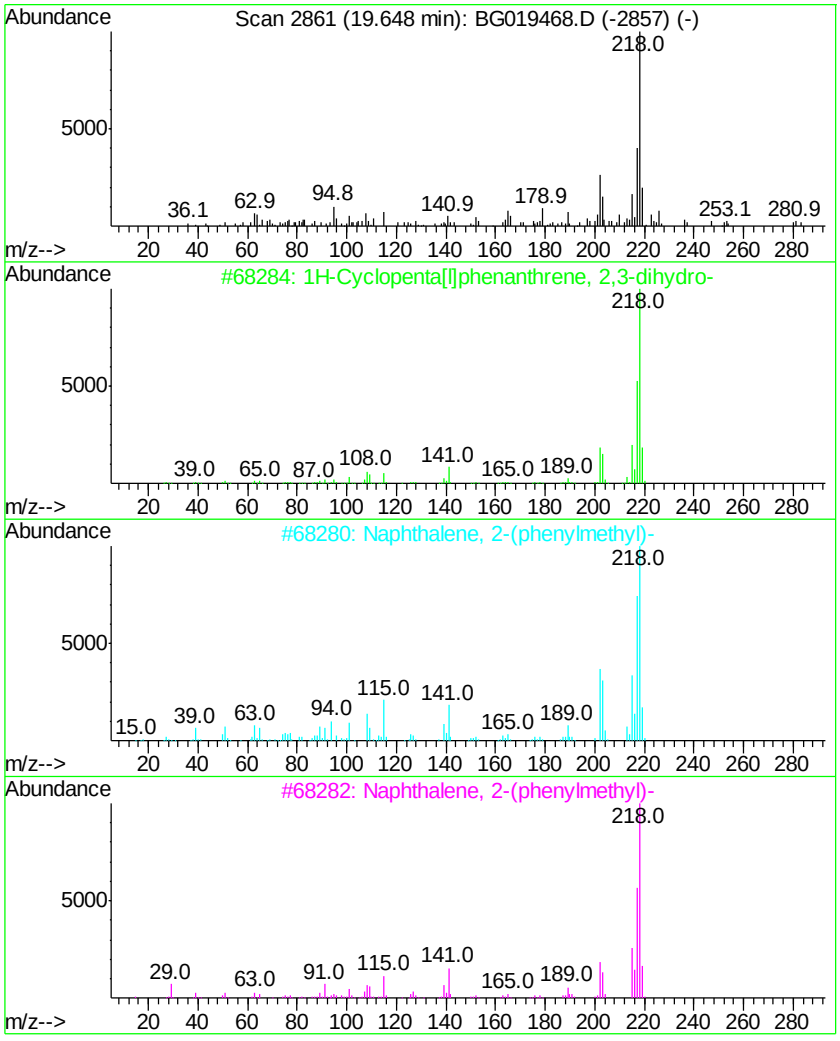
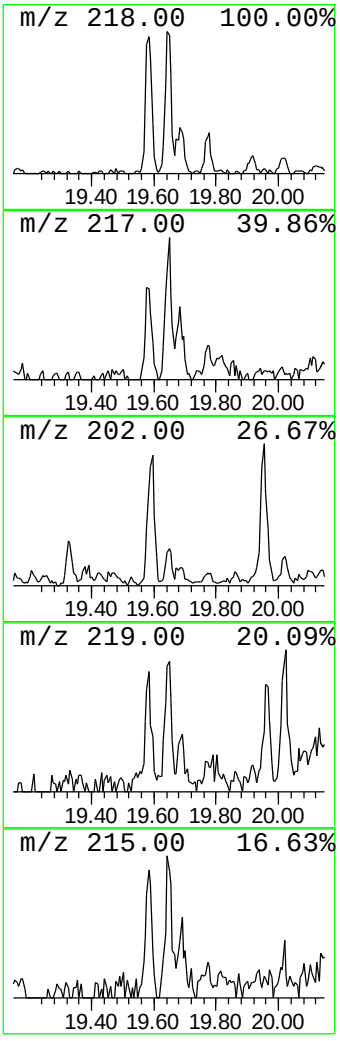
Peak Number 14 1H-Cyclopenta[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	2.22 ng/ul	81780	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	53
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	47
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
5	Phenol, 4,4'-thiobis-	218	C12H10O2S	002664-63-3	43





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Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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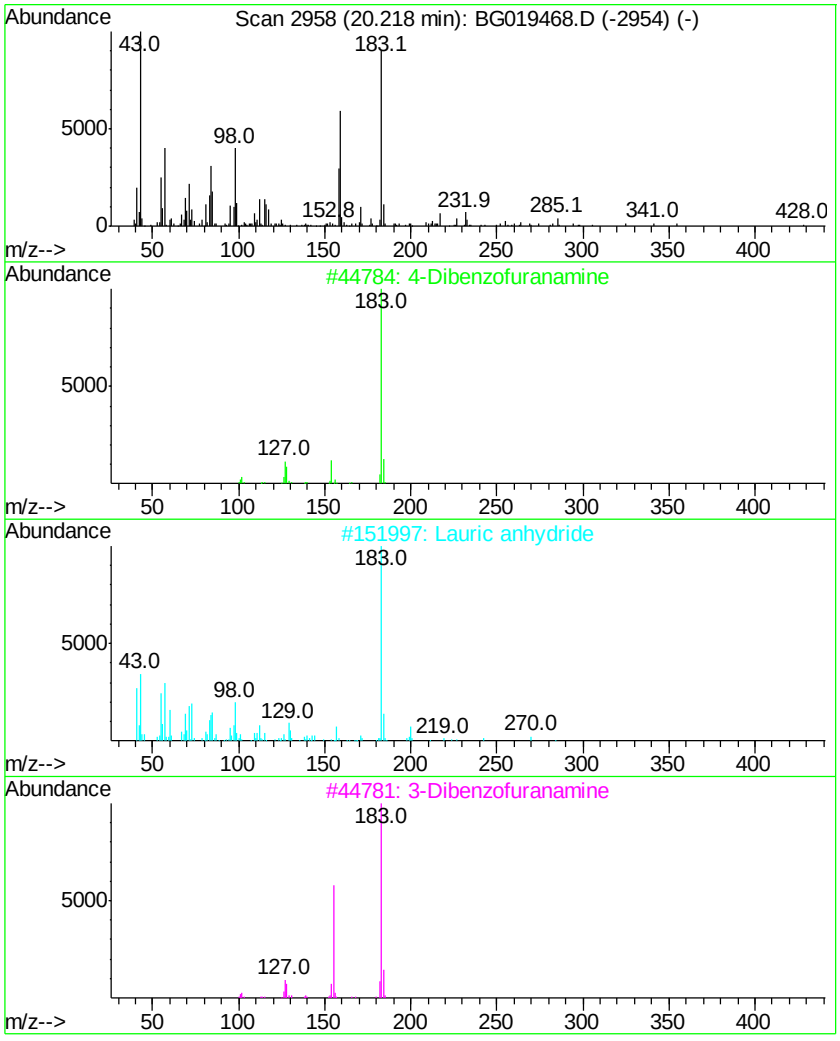
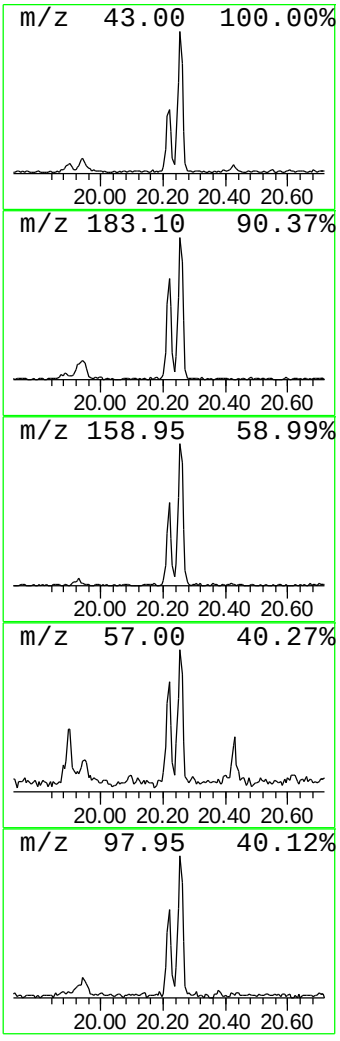
Peak Number 15 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	3.35 ng/ul	178282	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dibenzofuranamine	183	C12H9NO	050548-43-1	35
2	Lauric anhydride	382	C24H46O3	000645-66-9	35
3	3-Dibenzofuranamine	183	C12H9NO	004106-66-5	35
4	2',6'-Dinitroacetanilide	225	C8H7N3O5	090110-78-4	22
5	5-Hydroxy-2-nitrobenzoic acid	183	C7H5NO5	000610-37-7	22





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Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

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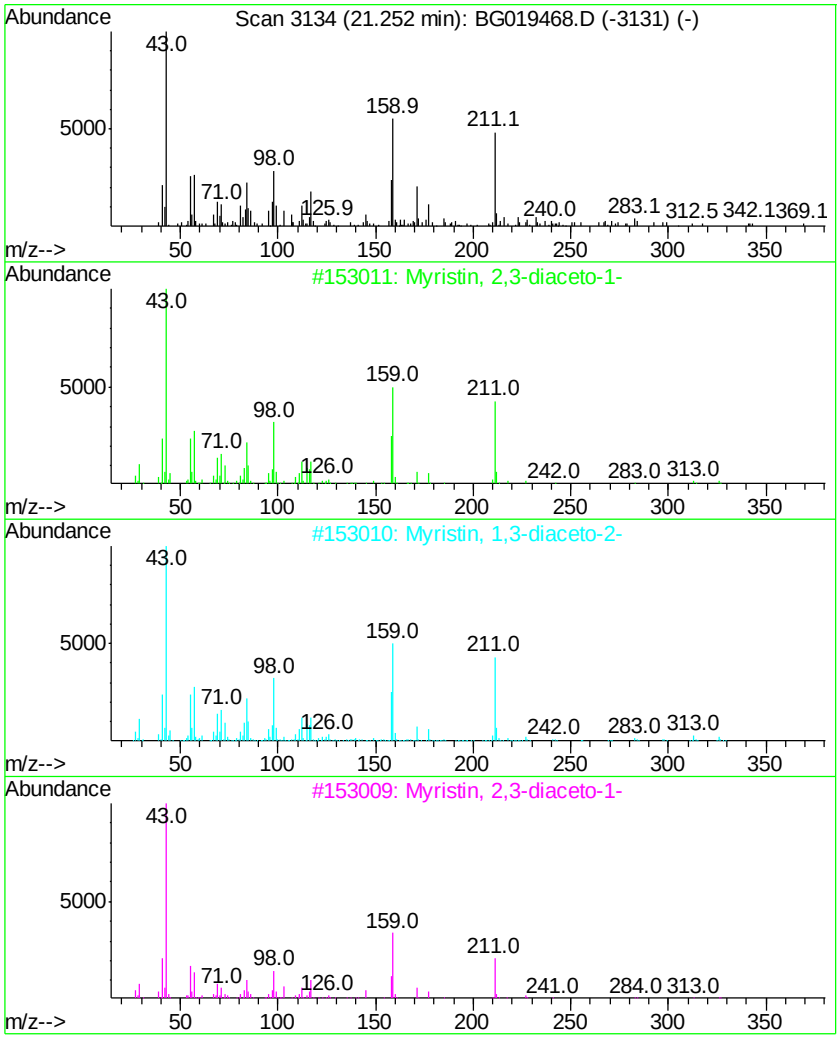
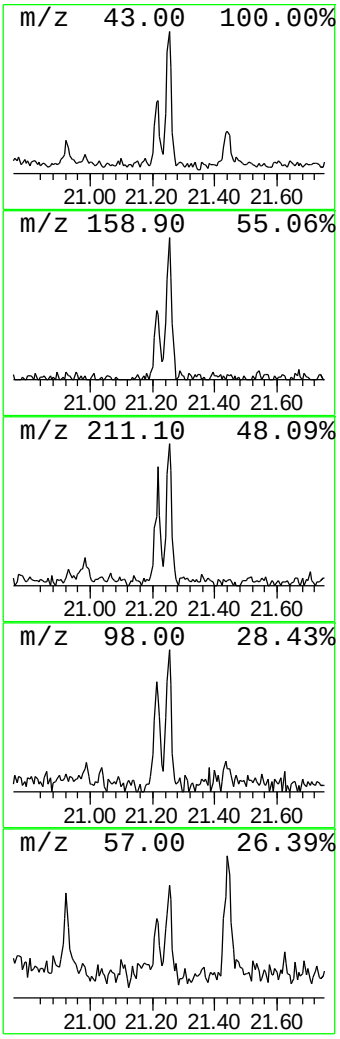
Peak Number 17 Myristin, 2,3-diaceto-1- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	2.36 ng/ul	125541	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	74
2	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	74
3	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	64
4	Hexadecanoic acid, 2,3-bis(acetv...	414	C23H42O6	055268-70-7	49
5	2,3,4-Trifluorobenzoic acid, tri...	358	C20H29F3O2	1000280-45-2	12





Tentatively Identified Compound (LSC) summary

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Data File : BG019468.D
Acq On : 4 Nov 2015 1:13
Operator : UM/NP
Sample : G4211-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7H2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.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...	3.21	12.3	ng/ul	146300	1	8.18	238281	20.0
(DEL) Alkane: Str...	12.00	2.3	ng/ul	36707	2	11.01	325211	20.0
Naphthalene, 1,4,...	15.19	2.6	ng/ul	72073	3	14.81	543457	20.0
(DEL) Alkane: Str...	15.62	2.0	ng/ul	55056	3	14.81	543457	20.0
(DEL) Alkane: Str...	18.01	2.1	ng/ul	79052	4	17.55	735282	20.0
Anthracene, 9-met...	18.42	2.9	ng/ul	108182	4	17.55	735282	20.0
Benzene, 1,1'-(2-...	18.47	4.0	ng/ul	145488	4	17.55	735282	20.0
1H-Indene, 1-phenyl-	18.61	2.3	ng/ul	82961	4	17.55	735282	20.0
Naphthalene, 2-ph...	18.91	2.1	ng/ul	76408	4	17.55	735282	20.0
Phenanthrene, 3,6...	19.15	2.4	ng/ul	87591	4	17.55	735282	20.0
Phenanthrene, 2,5...	19.33	5.6	ng/ul	205567	4	17.55	735282	20.0
1H-Cyclopenta[l]p...	19.65	2.2	ng/ul	81780	4	17.55	735282	20.0
unknown-01	20.22	3.4	ng/ul	178282	5	21.83	1062930	20.0
Myristin, 2,3-dia...	21.25	2.4	ng/ul	125541	5	21.83	1062930	20.0