LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

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-BG091015.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	2.879	4	7	29	rVB3	133429	347114	12.89%	1.132%
2	3.096	39	44	47	rBV	75216	128070	4.76%	0.417%
3	3.125	47	49	52	rVV	58886	73015	2.71%	0.238%
4	3.172	52	57	71	rVB	1741867	2588915	96.15%	8.439%
5	3.954	186	190	196	rVB	41405	57941	2.15%	0.189%
6	4.735	319	323	330	rVB2	18409	25688	0.95%	0.084%
7	5.182	395	399	405	rBV5	10814	18580	0.69%	0.061%
8	6.010	533	540	544	rBV5	10048	19907	0.74%	0.065%
9	7.162	727	736	744	rBV2	82261	149020	5.53%	0.486%
10	7.315	755	762	768	rBV	76738	122848	4.56%	0.400%
11	7.526	791	798	807	rBV	88396	148475	5.51%	0.484%
12	7.990	867	877	885	rBV	177590	300182	11.15%	0.979%
13	8.701	992	998	1004	rVV	72512	124474	4.62%	0.406%
14	8.813	1010	1017	1024	rVB	31800	59048	2.19%	0.192%
15	9.148	1068	1074	1082	rVV	77639	137290	5.10%	0.448%
16	9.870	1187	1197	1204	rBV2	55748	98925	3.67%	0.322%
17	10.417	1284	1290	1297	rVV	106781	191527	7.11%	0.624%
18	10.793	1343	1354	1359	rBV	268302	482241	17.91%	1.572%
19	10.840	1359	1362	1371	rVB	29817	49335	1.83%	0.161%
20	10.934	1371	1378	1387	rBV3	19882	45172	1.68%	0.147%
21	12.444	1627	1635	1641	rVB	37126	62025	2.30%	0.202%
22	12.661	1665	1672	1679	rVB	28243	47848	1.78%	0.156%
23	13.431	1796	1803	1809	rBV3	17696	30097	1.12%	0.098%
24	13.783	1857	1863	1868	rBV5	11920	30090	1.12%	0.098%
25	13.930	1883	1888	1894	rBV2	23692	45128	1.68%	0.147%
26	14.013	1894	1902	1907	rVV	209587	338365	12.57%	1.103%
27	14.060	1907	1910	1919	rVV	89218	149131	5.54%	0.486%
28	14.171	1924	1929	1933	rVV3	16007	24762	0.92%	0.081%
29	14.306	1946	1952	1967	rBV2	163398	321028	11.92%	1.046%
30	14.500	1980	1985	1988	rBV	18476	22649	0.84%	0.074%
31	14.612	1995	2004	2011	rBV2	456442	738524	27.43%	2.407%
32	14.677	2011	2015	2022	rVB2	18160	31832	1.18%	0.104%
33	14.823	2032	2040	2046	rBV3	38247	81559	3.03%	0.266%
34	15.006	2067	2071	2080	rVB	35705	55504	2.06%	0.181%

LSC Area Percent Report

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Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

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-BG091015.M
Title : SVOA CALIBRATION

35	15.229	2102	2109	2114	rBV5	13872	24901	0.92%	0.081%
36	15.399	2130	2138	2141	rBV5	20037	36654	1.36%	0.119%
37	15.446	2141	2146	2149	rVV3	22983	36173	1.34%	0.118%
38	15.599	2165	2172	2177	rVV	145100	219823	8.16%	0.717%
39	15.652	2177	2181	2188	rVV2	41749	75446	2.80%	0.246%
40	15.717	2188	2192	2196	rVV2	21824	28085	1.04%	0.092%
41	15.858	2211	2216	2221	rVB5	14365	25730	0.96%	0.084%
42	15.952	2226	2232	2238	rVB2	27217	45304	1.68%	0.148%
43	16.093	2253	2256	2265	rVB	28925	56565	2.10%	0.184%
44	16.333	2288	2297	2303	rBV	88647	173494	6.44%	0.566%
45	16.886	2386	2391	2394	rVV2	30743	54896	2.04%	0.179%
46	16.927	2396	2398	2402	rVV2	27241	35878	1.33%	0.117%
47	17.009	2406	2412	2418	rVV	40084	69708	2.59%	0.227%
48	17.097	2418	2427	2431	rVV3	46915	97995	3.64%	0.319%
49	17.174	2433	2440	2448	rVB2	32030	80384	2.99%	0.262%
50	17.356	2464	2471	2474	rVV	586155	906930	33.68%	2.956%
51	17.397	2474	2478	2483	rVV	643064	936540	34.78%	3.053%
52	17.450	2483	2487	2489	rVV	42388	65133	2.42%	0.212%
53	17.485	2489	2493	2498	rVV	137523	207288	7.70%	0.676%
54	17.532	2498	2501	2506	rVB6	17287	32355	1.20%	0.105%
55	17.632	2513	2518	2519	rBV5	15125	18576	0.69%	0.061%
56	17.755	2528	2539	2543	rBV2	66144	135912	5.05%	0.443%
57	17.838	2548	2553	2556	rVV4	41079	64145	2.38%	0.209%
58	17.867	2556	2558	2565	rVB2	23209	33206	1.23%	0.108%
59	17.932	2566	2569	2572	rBV4	13996	18277	0.68%	0.060%
60	18.231	2614	2620	2624	rVV2	135043	224544	8.34%	0.732%
61	18.278	2624	2628	2635	rVV	147802	241628	8.97%	0.788%
62	18.355	2637	2641	2646	rVV2	58544	91122	3.38%	0.297%
63	18.425	2647	2653	2656	rVV2	144099	281415	10.45%	0.917%
64	18.454	2656	2658	2665	rVB	86347	121025	4.49%	0.395%
65	18.525	2666	2670	2675	rBV3	50517	70839	2.63%	0.231%
66	18.572	2675	2678	2681	rBV2	19923	25221	0.94%	0.082%
67	18.725	2699	2704	2707	rVV	84817	118189	4.39%	0.385%
68	18.766	2707	2711	2716	rVB	54156	74122	2.75%	0.242%
69	18.972	2743	2746	2750	rVB4	27373	32535	1.21%	0.106%
70	19.019	2751	2754	2757	rBV3	24084	28266	1.05%	0.092%
71	19.148	2770	2776	2780	rBV3	72937	156179	5.80%	0.509%

LSC Area Percent Report

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Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

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-BG091015.M
Title : SVOA CALIBRATION

72	19.277	2794	2798	2808	rVB	93327	176457	6.55%	0.575%
73	19.406	2814	2820	2826	rVB	1482295	2091232	77.67%	6.817%
74	19.459	2827	2829	2832	rVB	19547	19833	0.74%	0.065%
75	19.500	2832	2836	2840	rBV2	57789	80103	2.97%	0.261%
76	19.553	2841	2845	2849	rBV	79584	109649	4.07%	0.357%
77	19.729	2870	2875	2877	rBV2	349212	484722	18.00%	1.580%
78	19.765	2877	2881	2889	rVV	1293092	1901540	70.62%	6.199%
79	19.835	2889	2893	2899	rVB2	89408	140437	5.22%	0.458%
80	19.941	2907	2911	2915	rVB	86265	120104	4.46%	0.392%
81	19.994	2918	2920	2926	rVB2	46635	63862	2.37%	0.208%
82	20.088	2930	2936	2943	rBV4	130977	356137	13.23%	1.161%
83	20.223	2953	2959	2960	rBV4	106497	175287	6.51%	0.571%
84	20.252	2961	2964	2970	rVB2	202712	306445	11.38%	0.999%
85	20.352	2978	2981	2985	rVB	90286	102659	3.81%	0.335%
86	20.411	2985	2991	2995	rBV2	170826	314453	11.68%	1.025%
87	20.552	3012	3015	3019	rBV	101904	135253	5.02%	0.441%
88	20.599	3020	3023	3026	rVB	83668	100382	3.73%	0.327%
89	21.010	3089	3093	3100	rVB	184447	269481	10.01%	0.878%
90	21.239	3128	3132	3136	rBV2	160204	251436	9.34%	0.820%
91	21.281	3136	3139	3145	rVV2	136154	237859	8.83%	0.775%
92	21.339	3146	3149	3156	rVB	146213	248859	9.24%	0.811%
93	21.598	3186	3193	3199	rBV3	1041546	2692620	100.00%	8.777%
94	21.657	3199	3203	3215	rVB	718770	1259675	46.78%	4.106%
95	23.784	3557	3565	3572	rBV	599034	2004359	74.44%	6.534%
96	24.030	3603	3607	3617	rVB2	140883	305685	11.35%	0.996%
97	24.494	3679	3686	3694	rVB	358055	871176	32.35%	2.840%
98	24.635	3702	3710	3722	rVB	520096	1426614	52.98%	4.650%
99	24.782	3728	3735	3743	rBV	370511	991988	36.84%	3.234%
100	28.402	4340	4351	4374	rVB4	266256	1348157	50.07%	4.395%

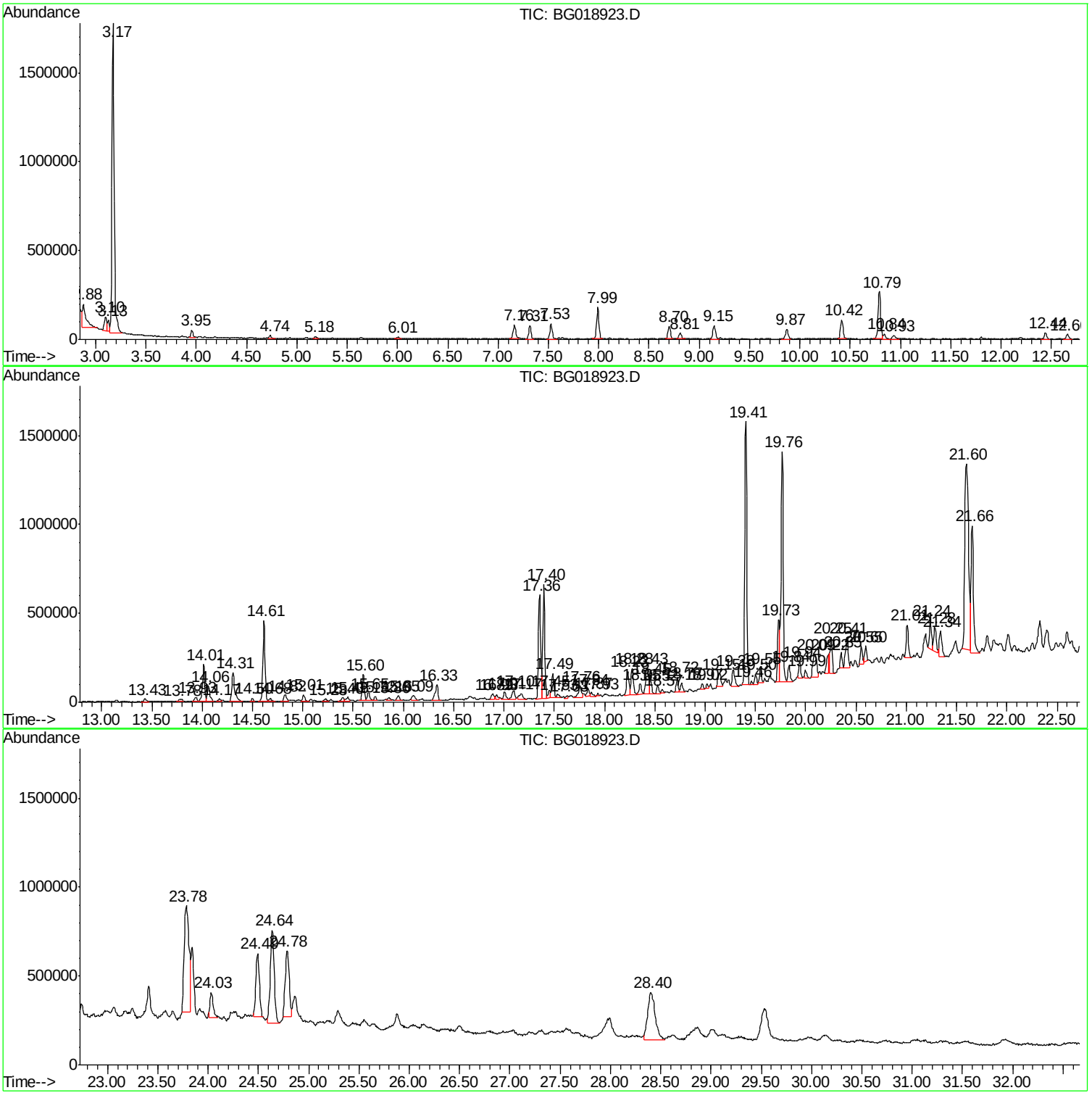
Sum of corrected areas: 30677256

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

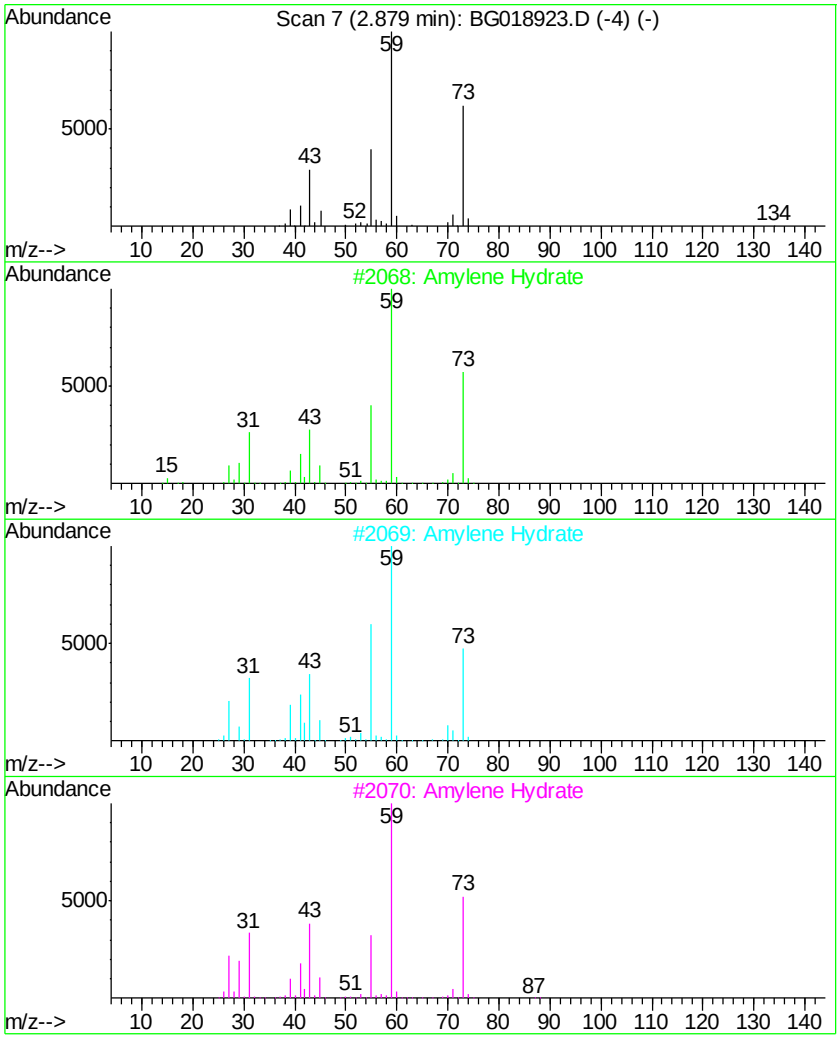
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

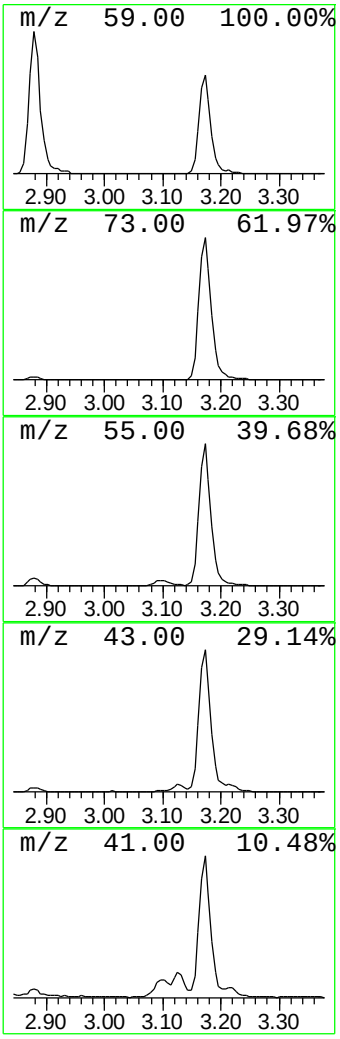
****

Peak Number 1 Amylene Hydrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	23.13 ng/ul	347114	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	Amylene Hydrate	88	C5H12O	000075-85-4	78
3	Amylene Hydrate	88	C5H12O	000075-85-4	74
4	3-Hexanol	102	C6H14O	000623-37-0	39
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

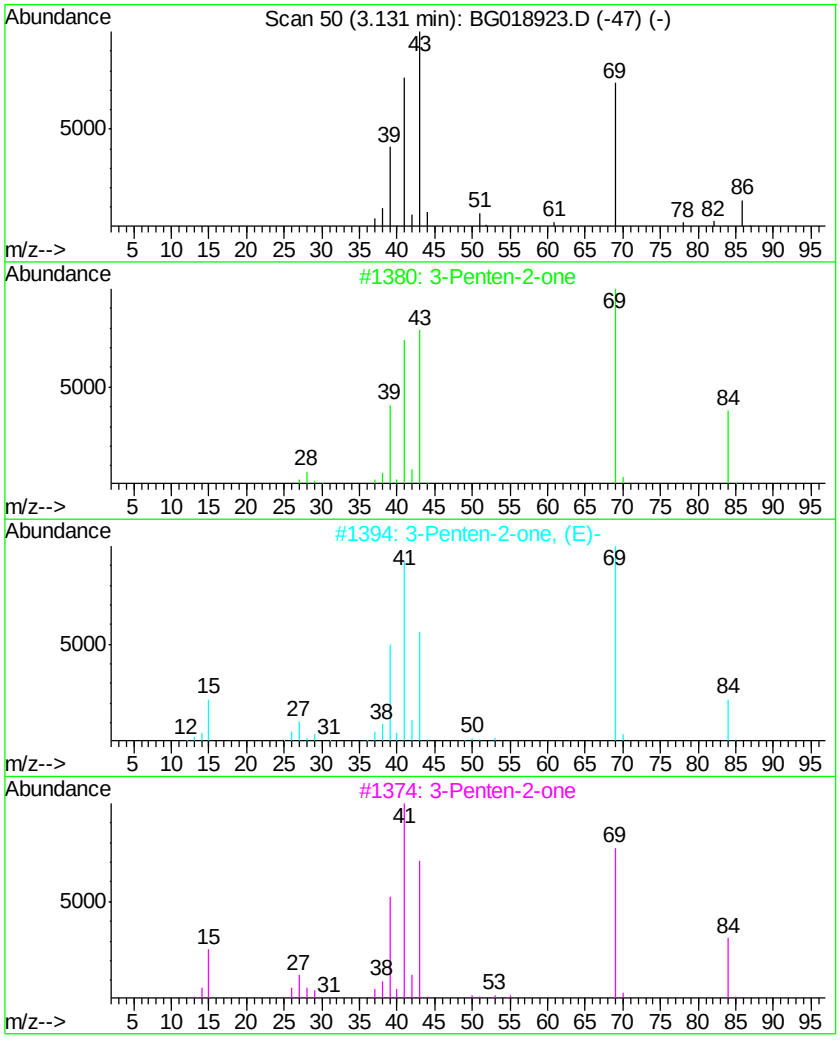
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

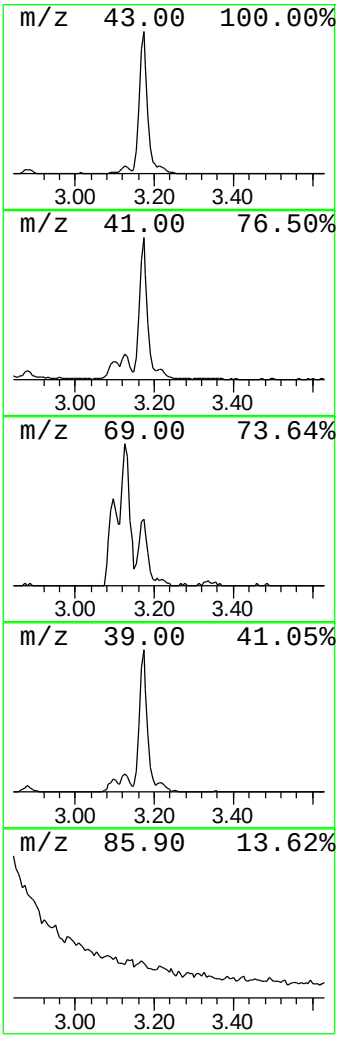
****

Peak Number 3 3-Penten-2-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	4.86 ng/ul	73015	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	86
2	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	72
3	3-Penten-2-one	84	C5H8O	000625-33-2	64
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	39
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

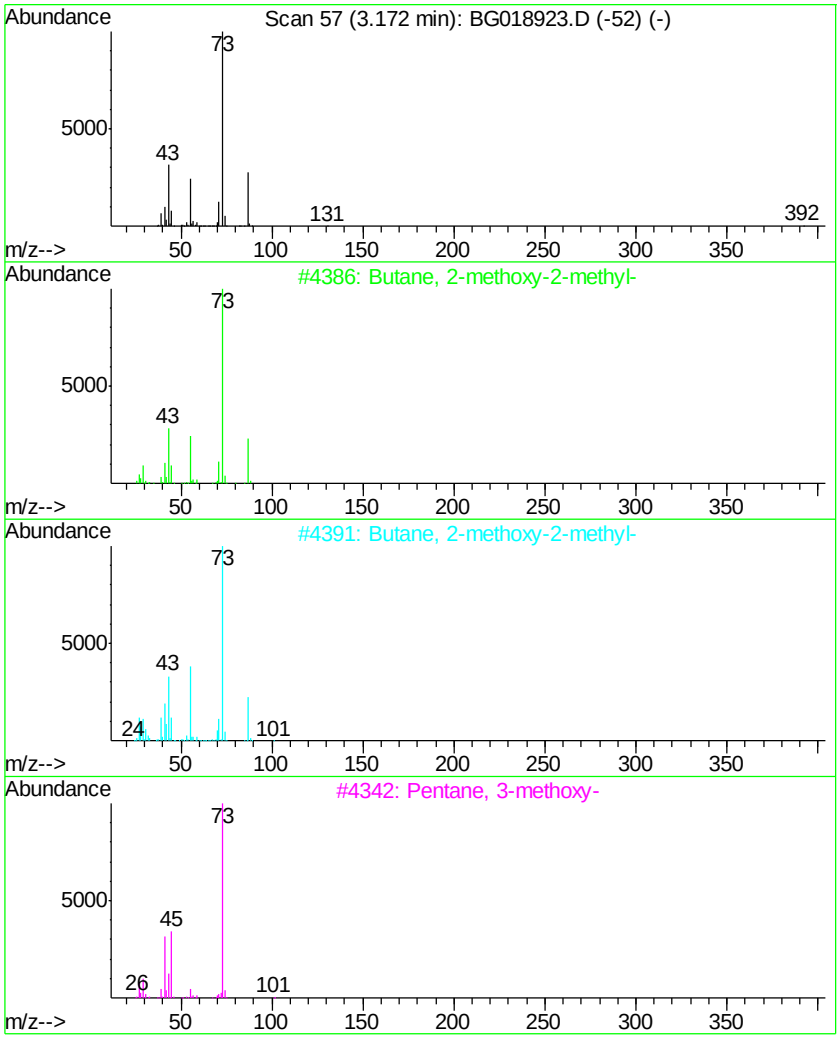
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

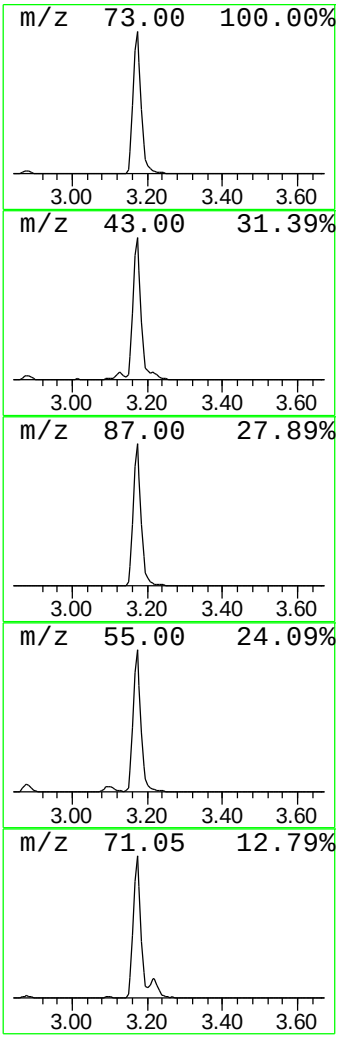
****

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	172.49 ng/ul	2588920	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

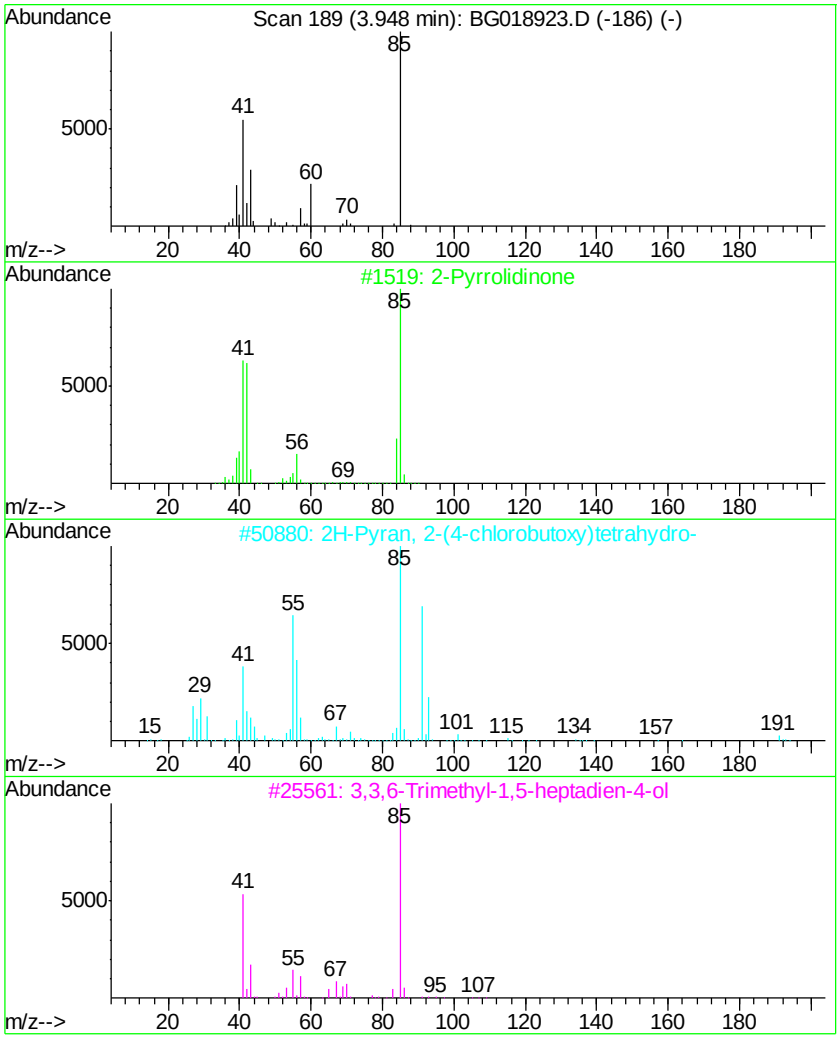
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

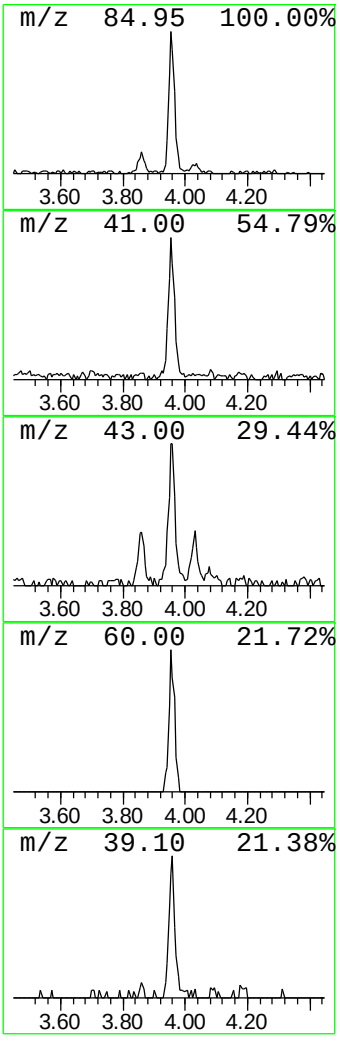
****

Peak Number 5 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	3.86 ng/ul	57941	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	47
2	2H-Pyran, 2-(4-chlorobutoxy)tetr...	192	C9H17ClO2	041302-05-0	38
3	3,3,6-Trimethyl-1,5-heptadien-4-ol	154	C10H18O	057590-19-9	36
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

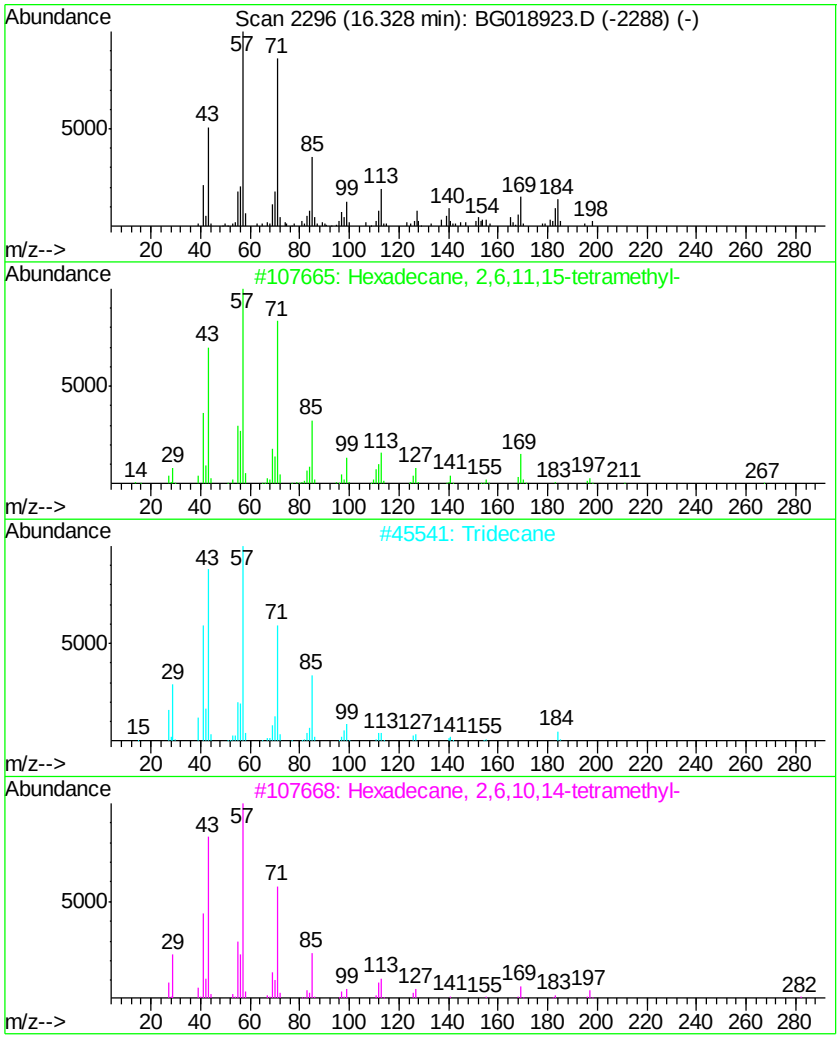
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

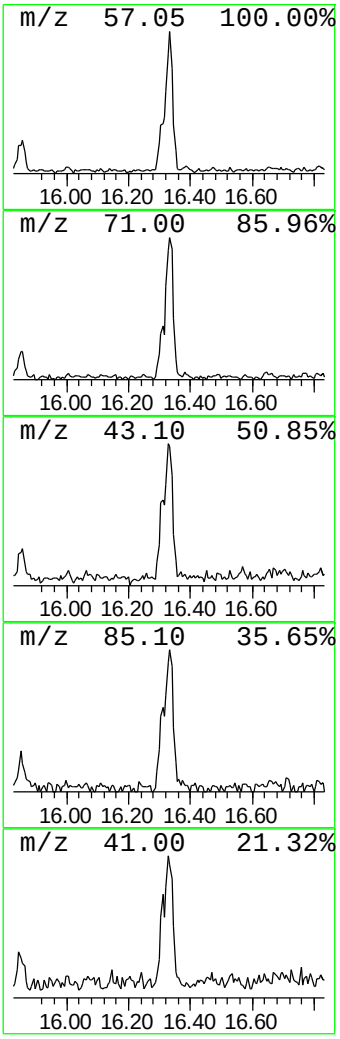
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.83 ng/ul	173494	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
2	Tridecane	184	C13H28	000629-50-5	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Decane, 2-methyl-	156	C11H24	006975-98-0	74
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

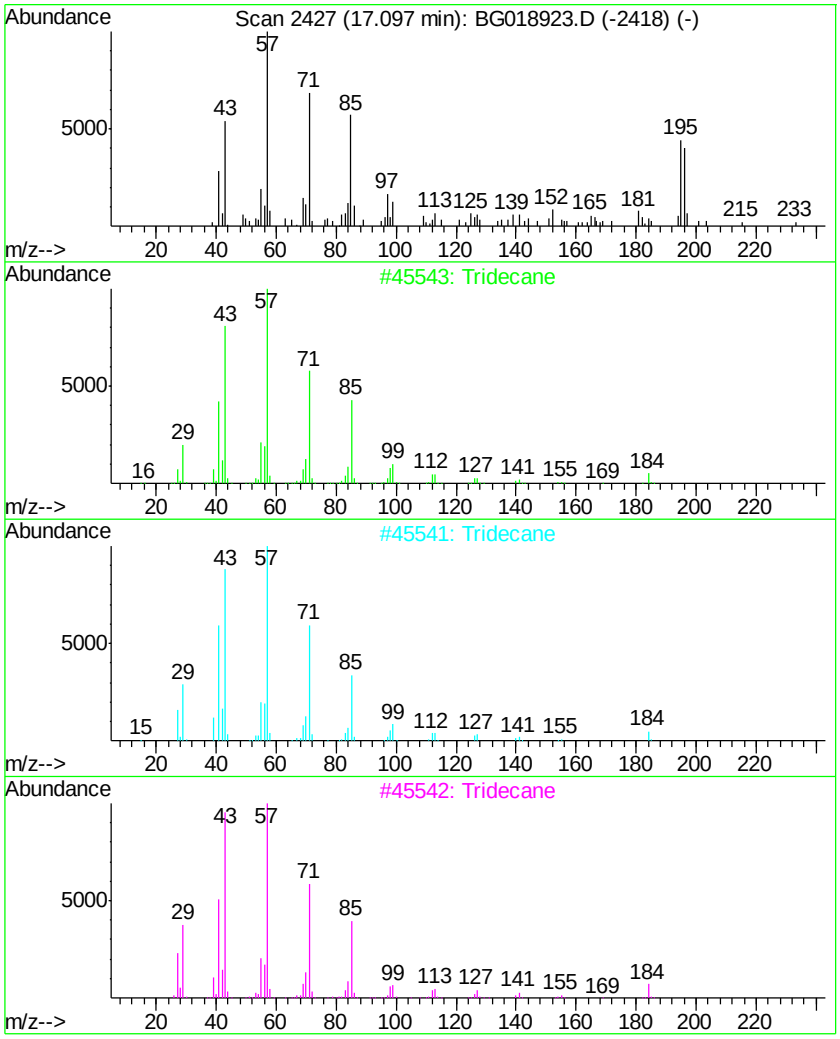
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

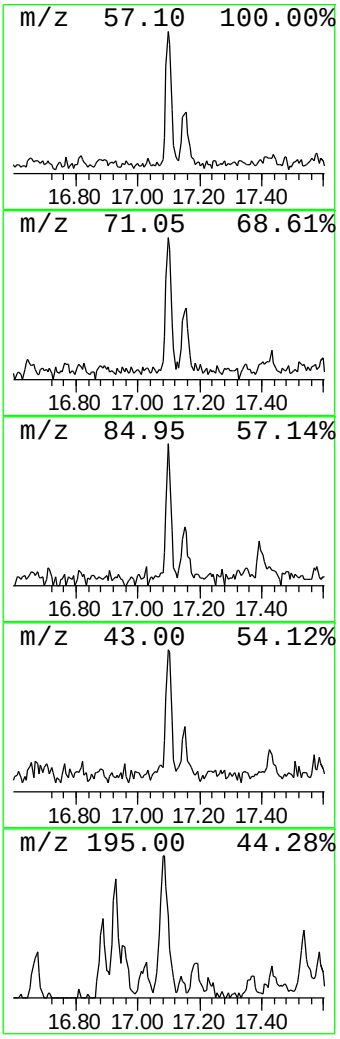
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.16 ng/ul	97995	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	45
2	Tridecane	184	C13H28	000629-50-5	43
3	Tridecane	184	C13H28	000629-50-5	43
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
5	Tridecane	184	C13H28	000629-50-5	30





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Sample : G3798-11
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Instrument : BNA_G
ClientSampleId : D9G65

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Quant Title : SVOA CALIBRATION

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

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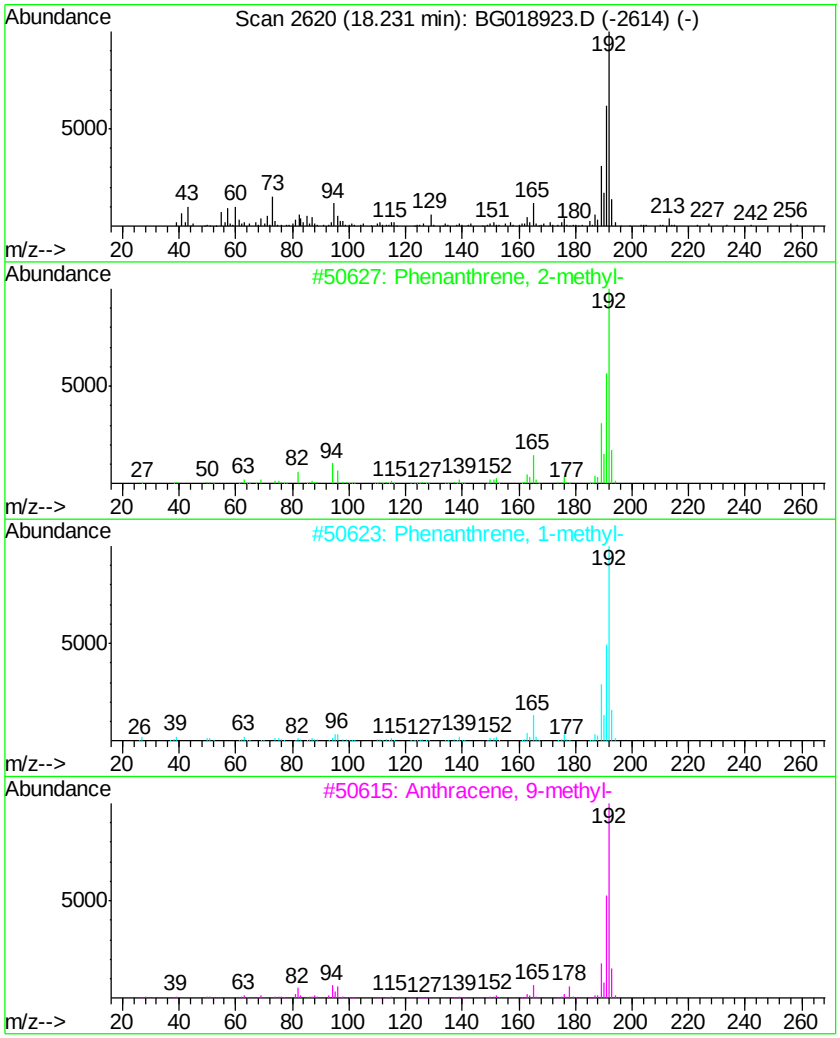
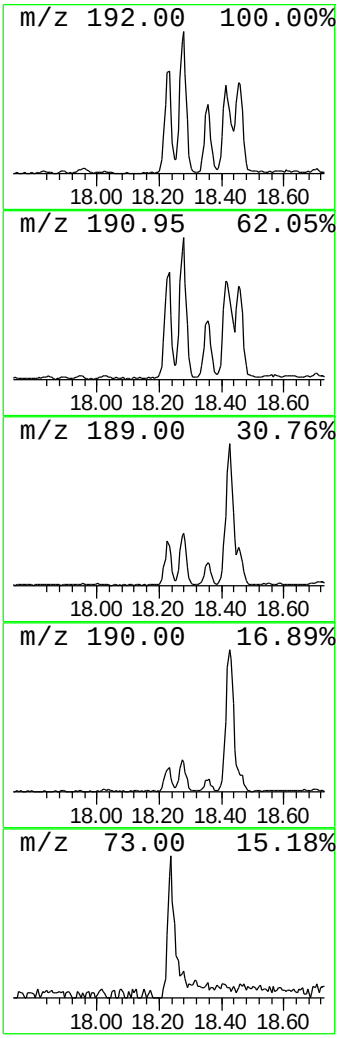
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	4.95 ng/ul	224544	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





Library Search Compound Report

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Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

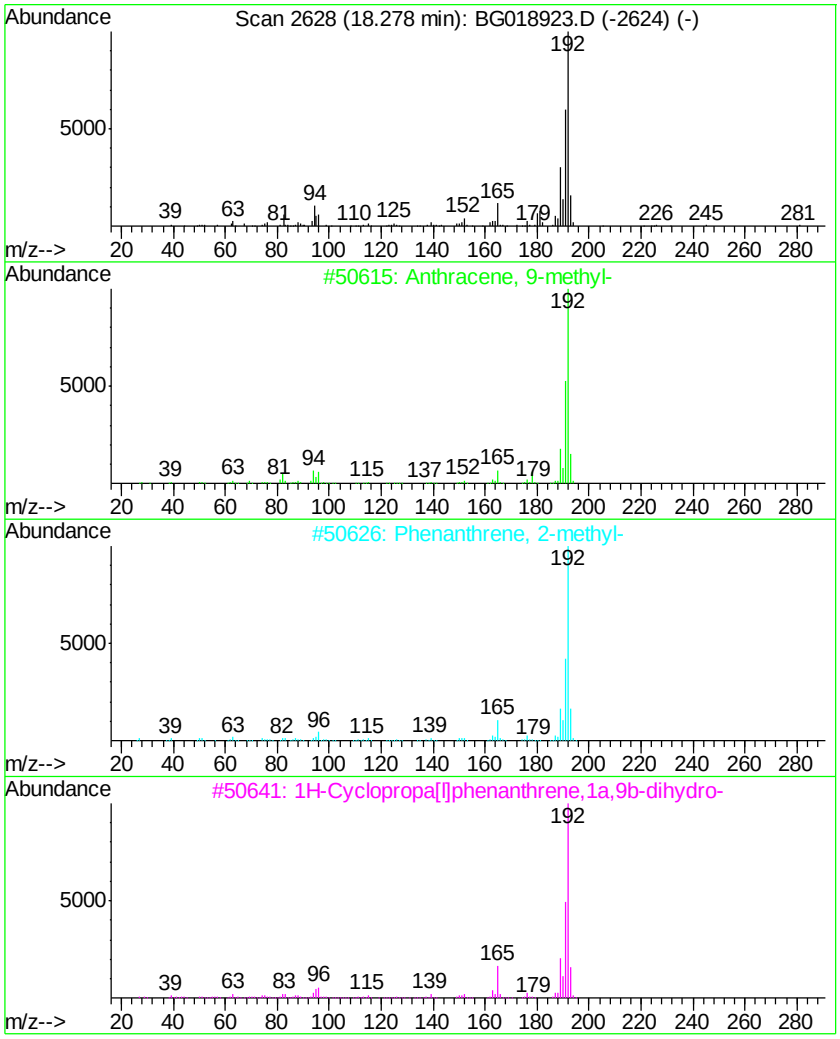
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

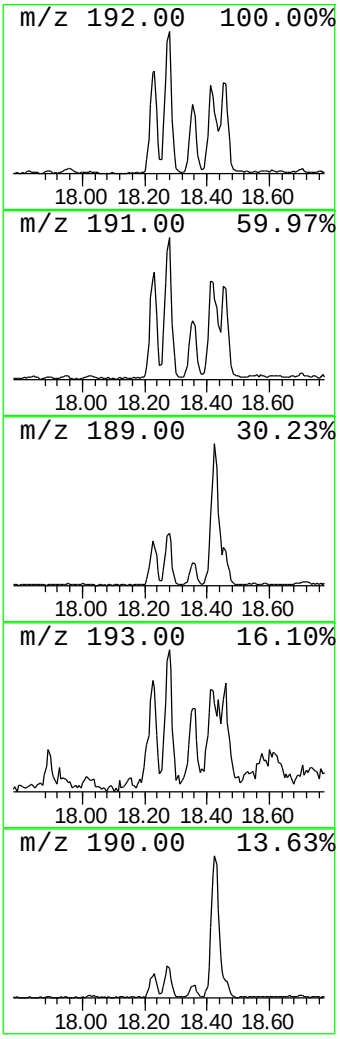
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	5.33 ng/ul	241628	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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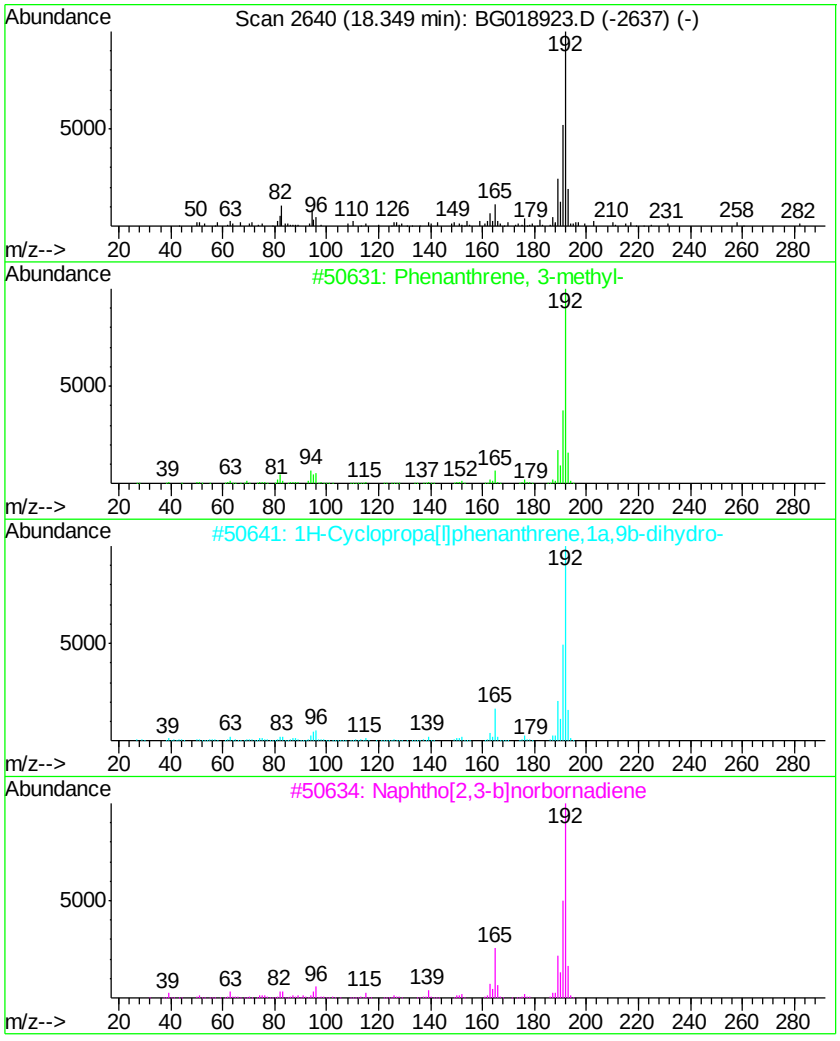
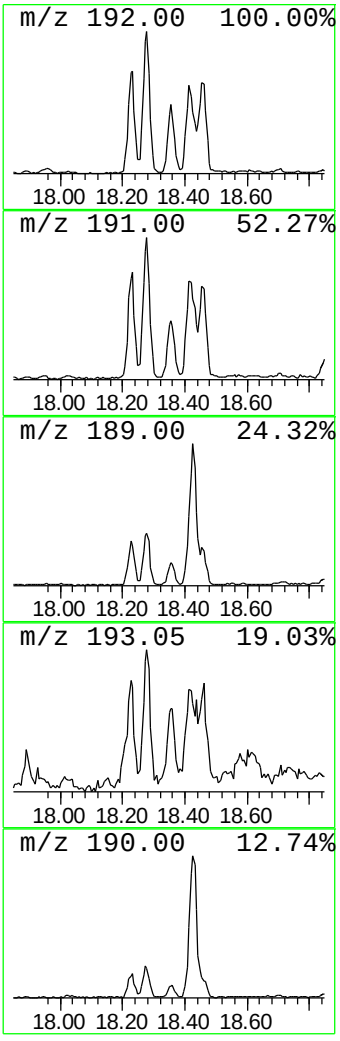
Peak Number 10 Phenanthrene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.01 ng/ul	91122	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83





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Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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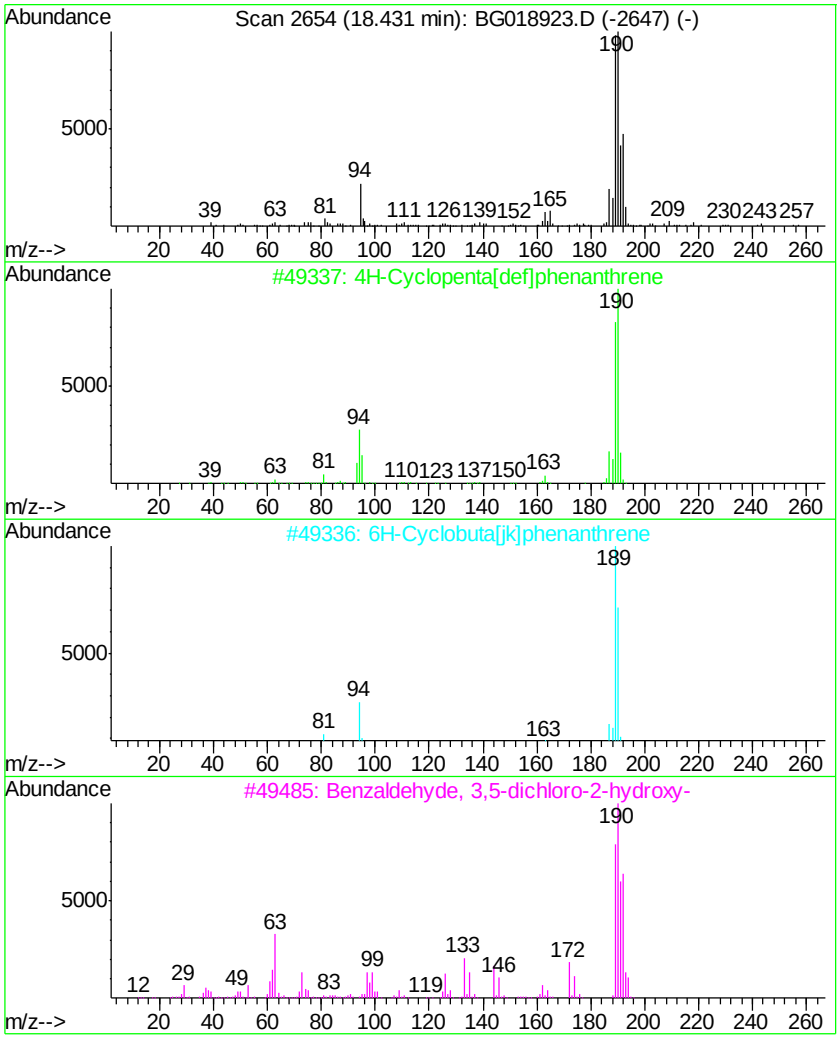
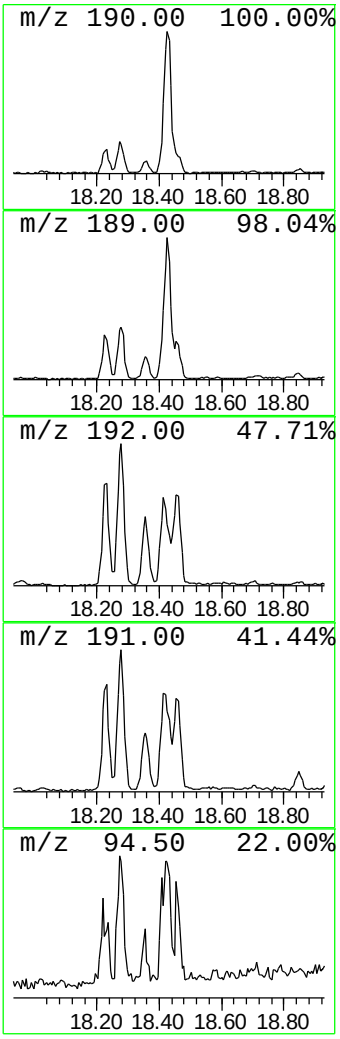
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	6.21 ng/ul	281415	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Instrument : BNA_G
ClientSampleId : D9G65

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Quant Title : SVOA CALIBRATION

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

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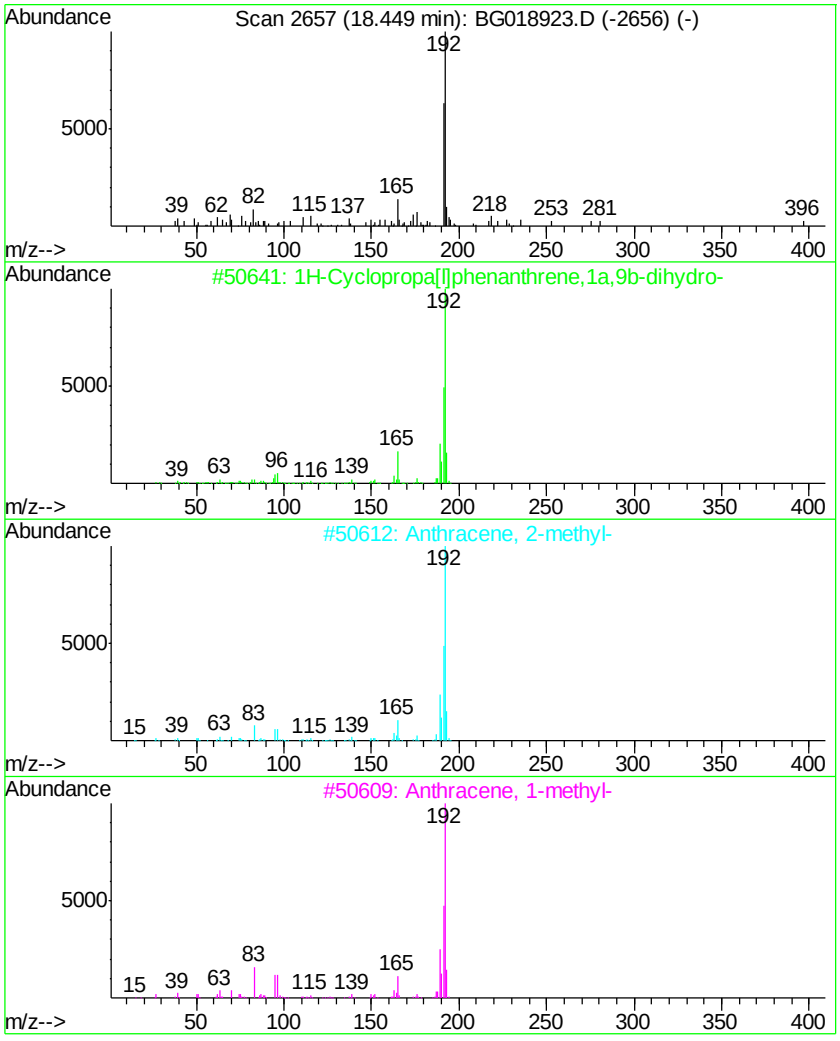
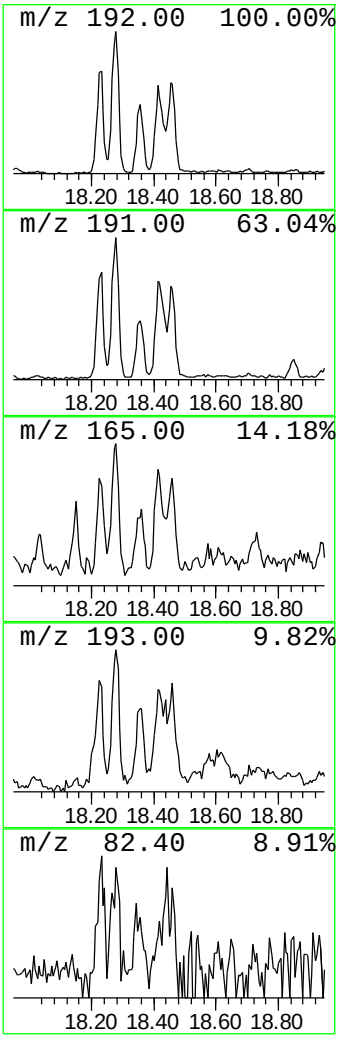
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	2.67 ng/ul	121025	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

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Quant Title : SVOA CALIBRATION

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

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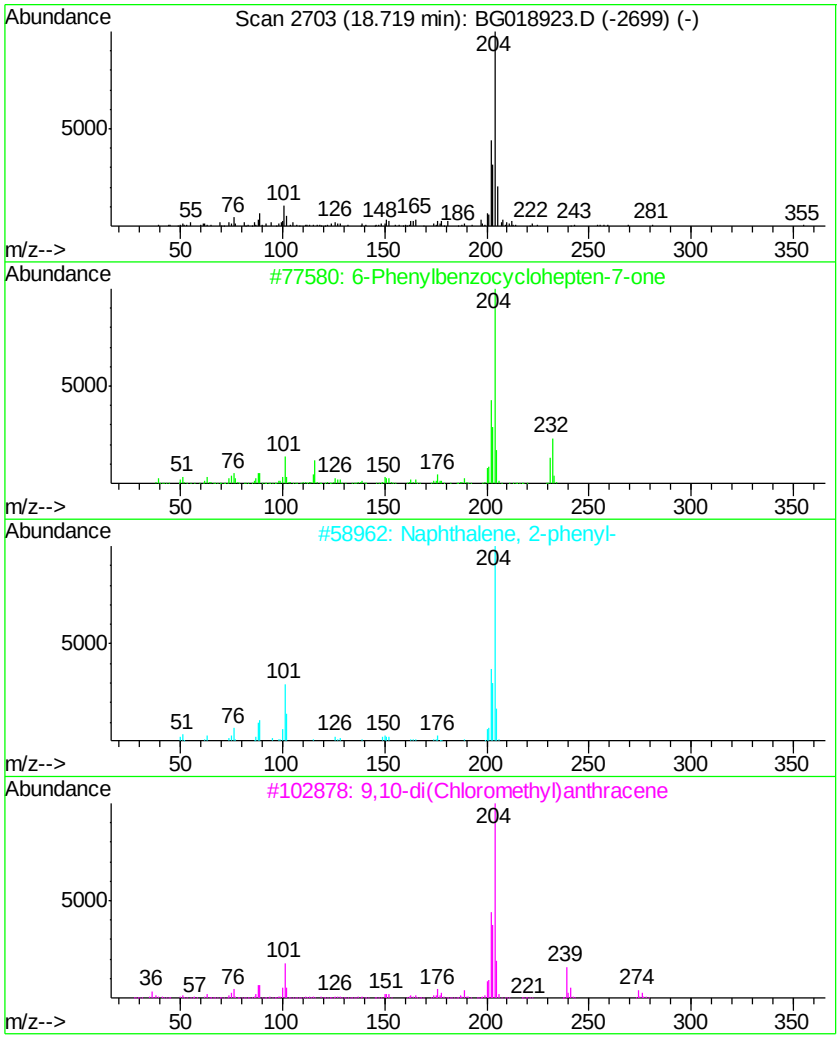
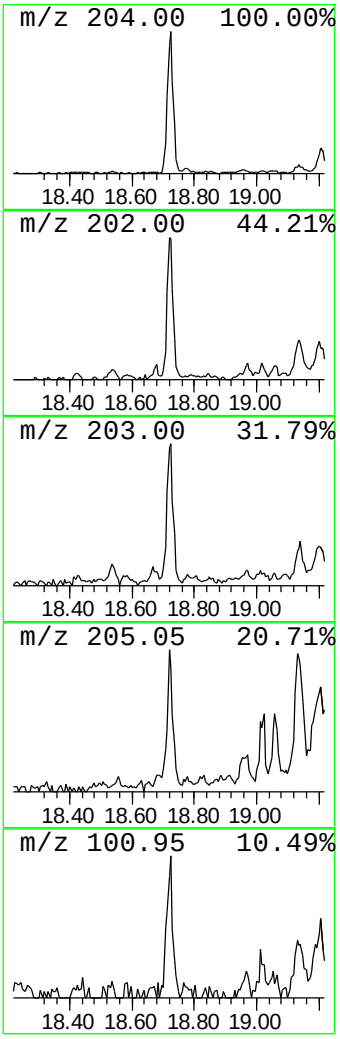
Peak Number 13 6-Phenylbenzocyclohepten-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.61 ng/ul	118189	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	83
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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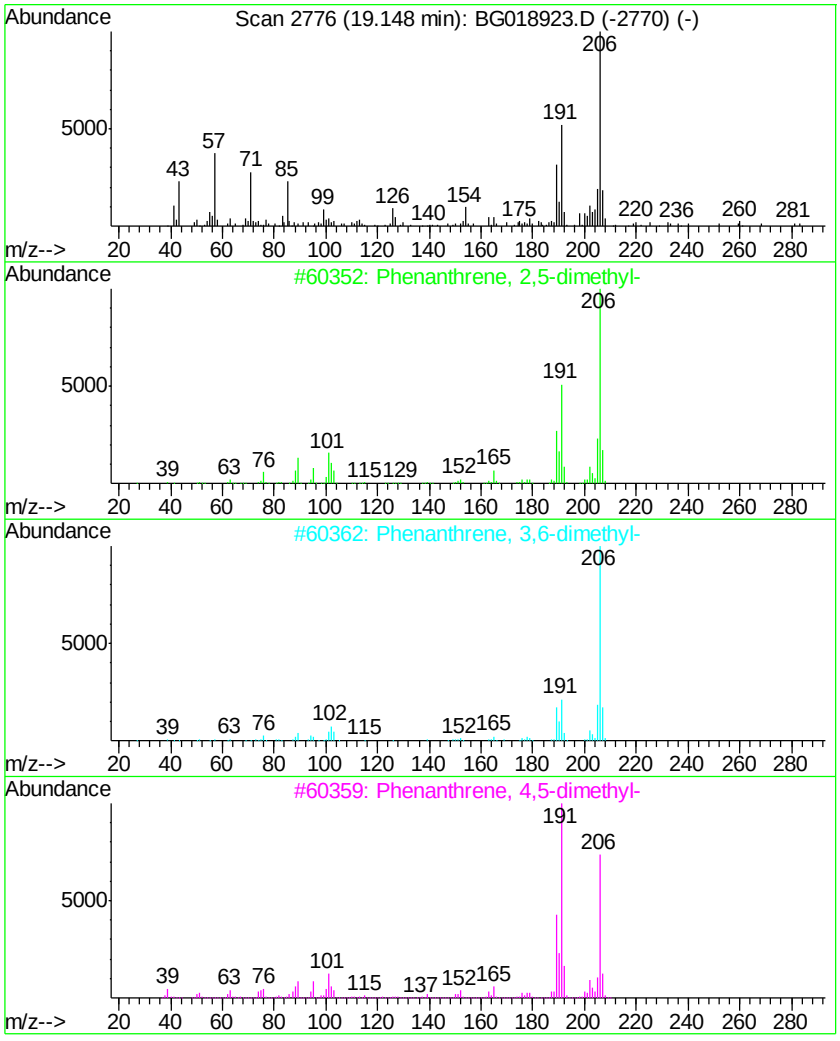
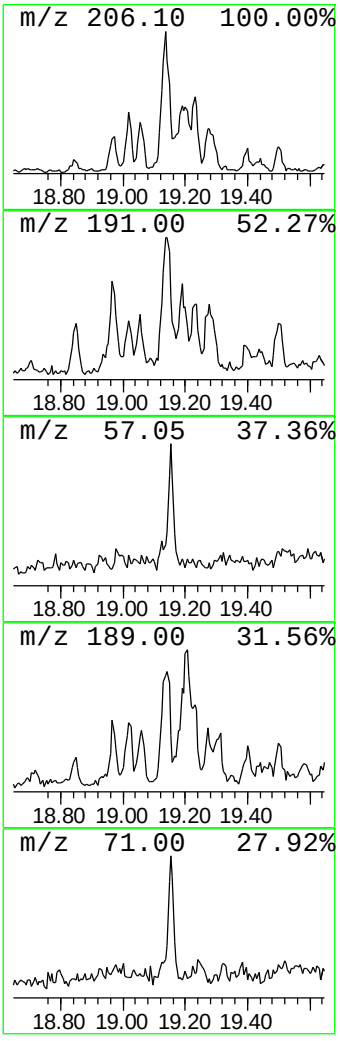
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	3.44 ng/ul	156179	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	68
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	68





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Sample : G3798-11
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Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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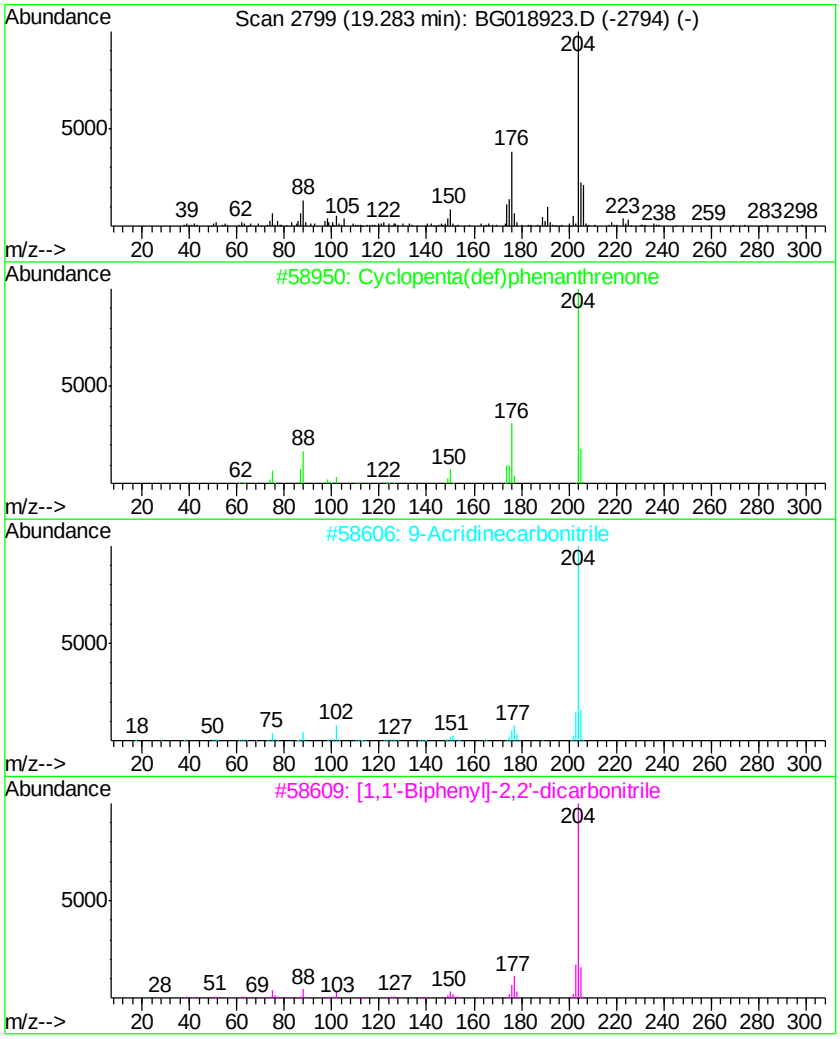
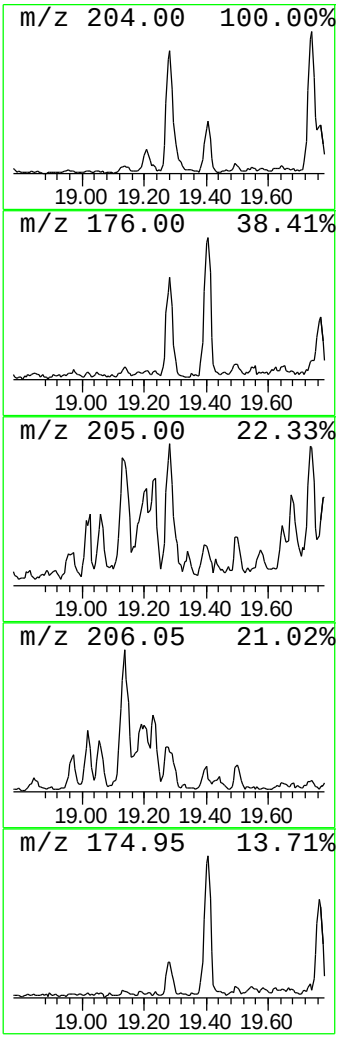
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	3.89 ng/ul	176457	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43
5	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	43





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Misc :
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Quant Title : SVOA CALIBRATION

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

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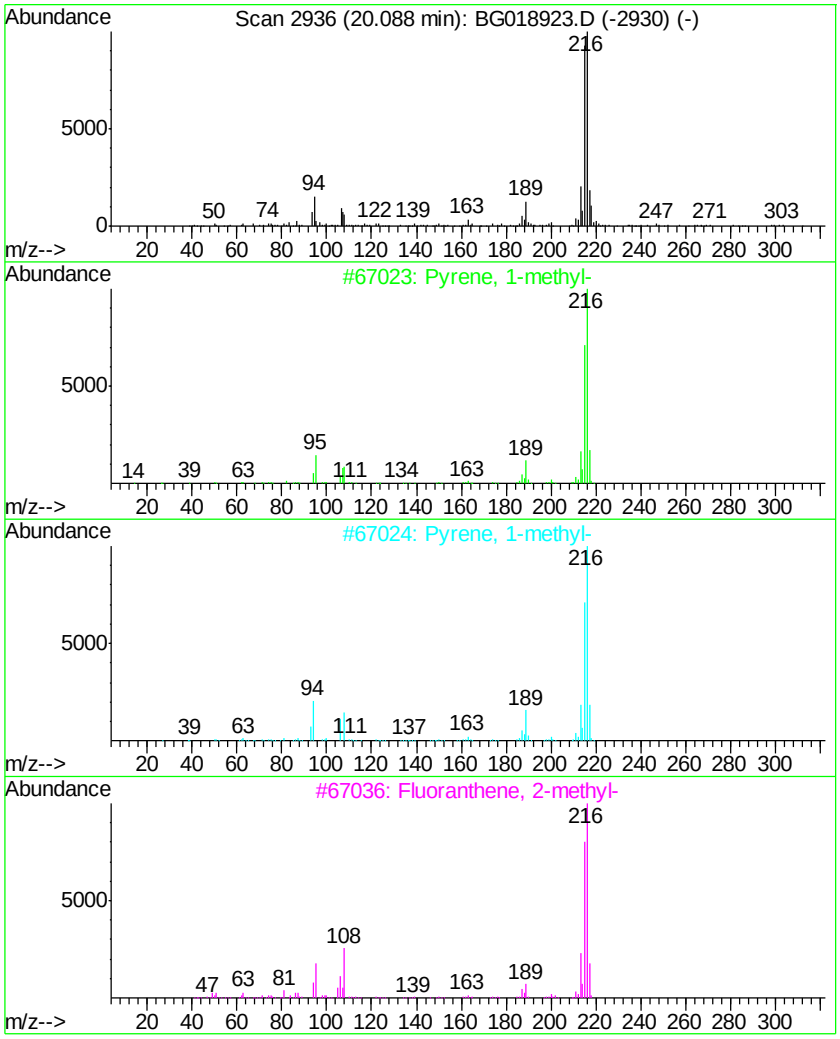
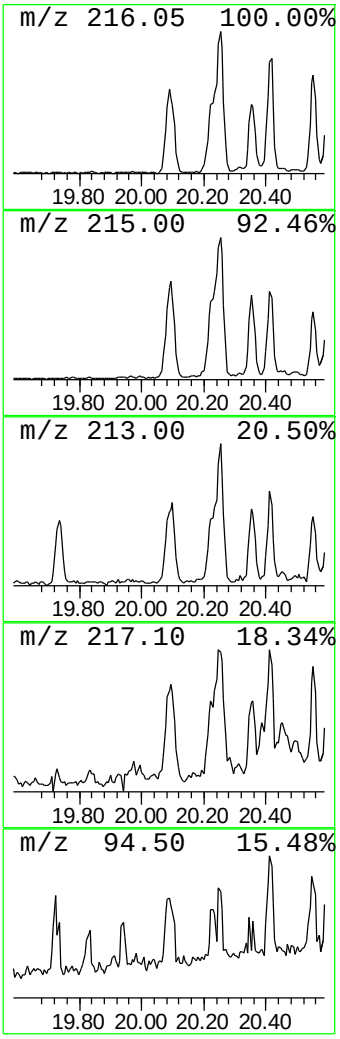
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.65 ng/ul	356137	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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Misc :
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ClientSampleId : D9G65

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Quant Title : SVOA CALIBRATION

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

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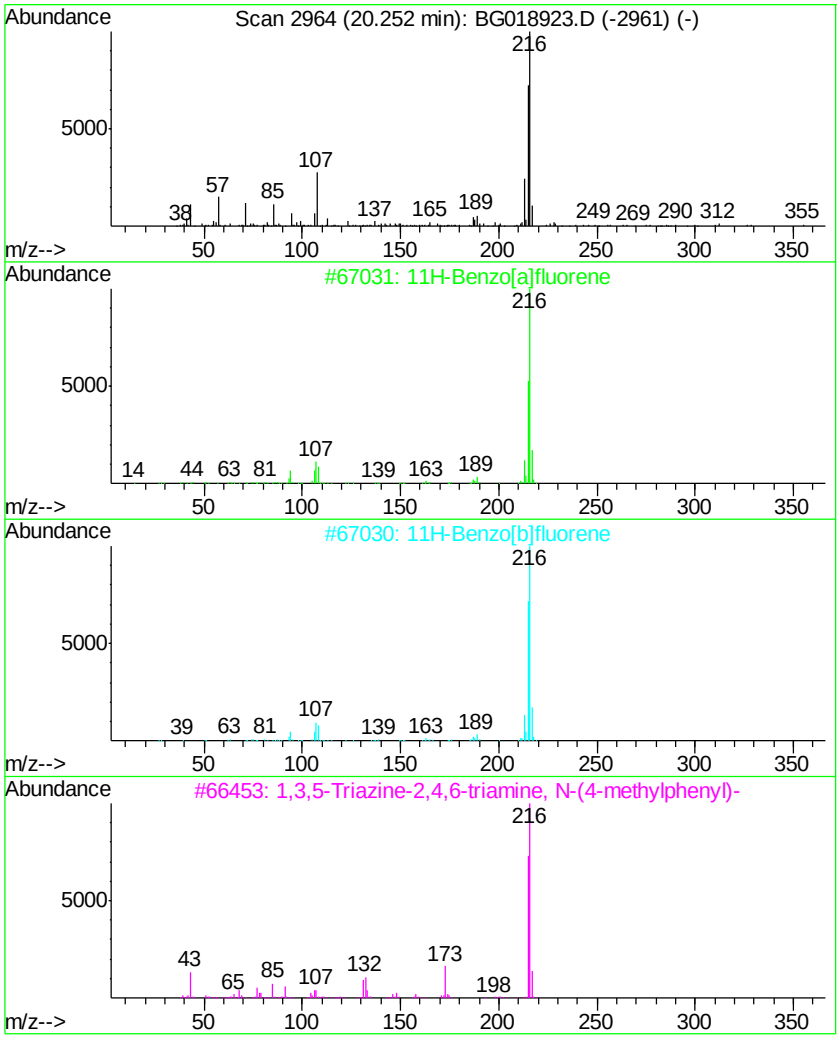
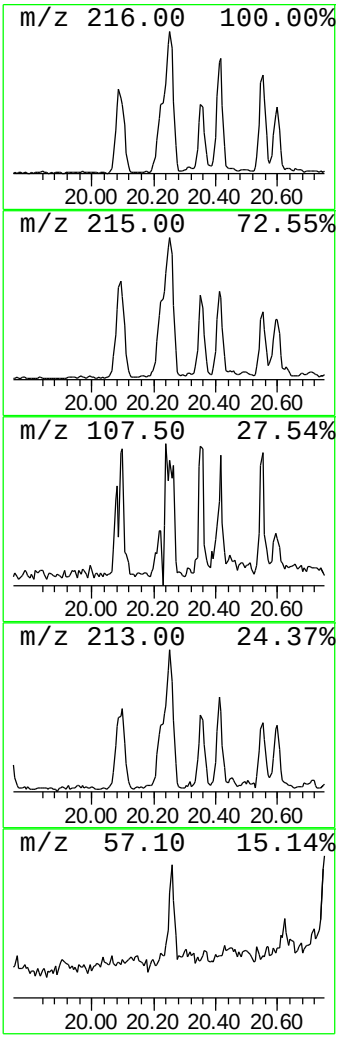
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	2.28 ng/ul	306445	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	50





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Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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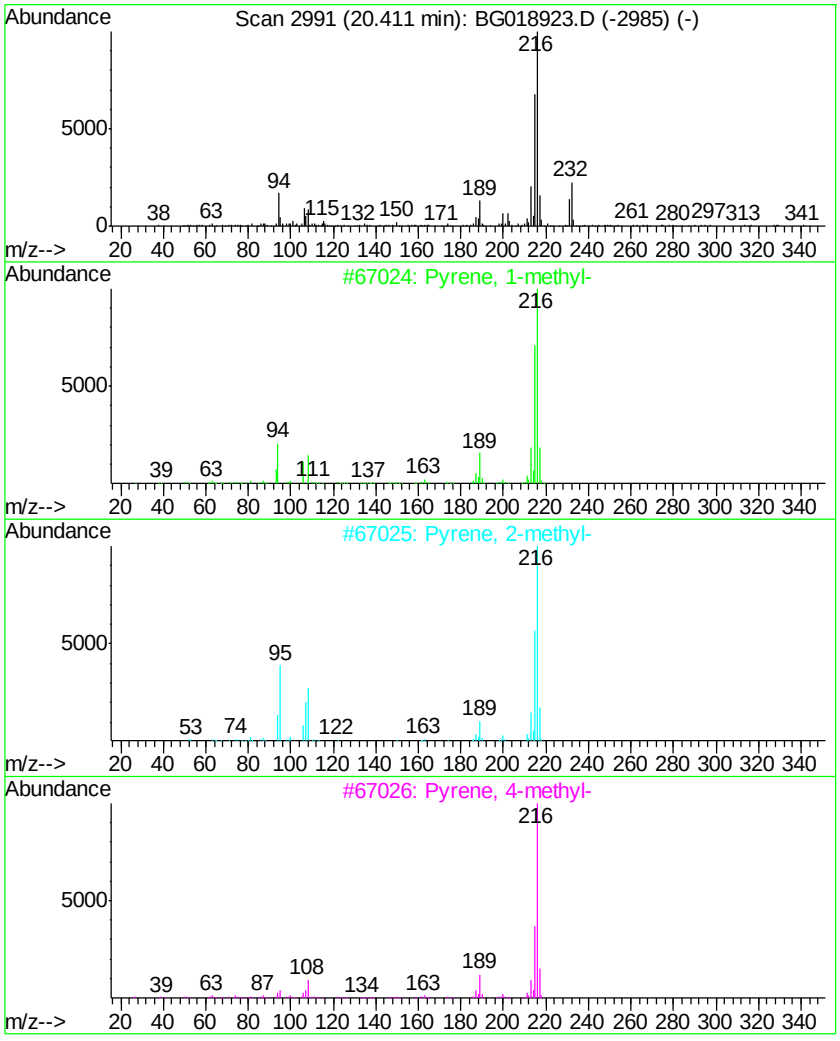
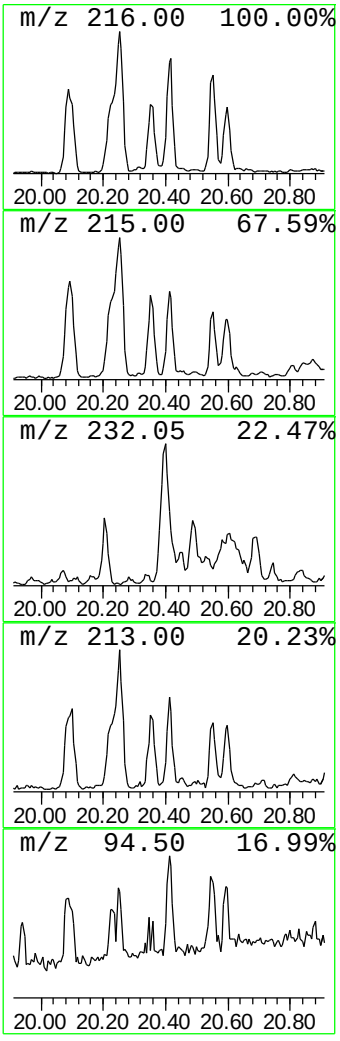
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	2.34 ng/ul	314453	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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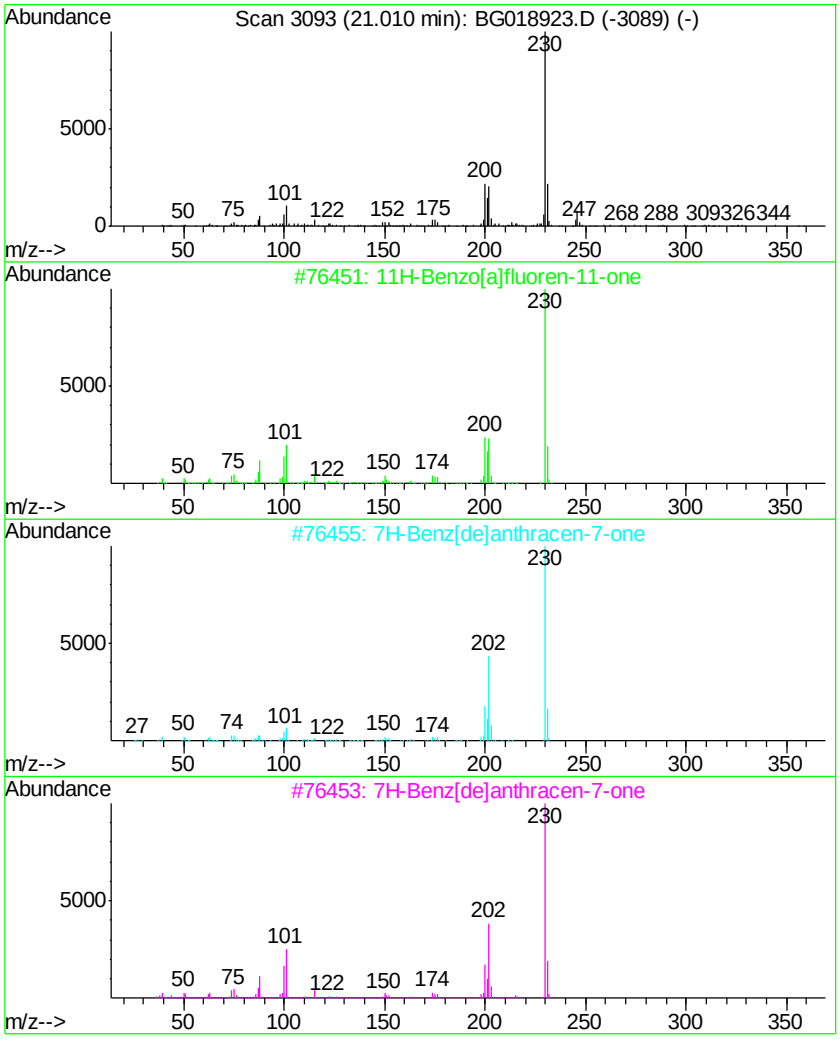
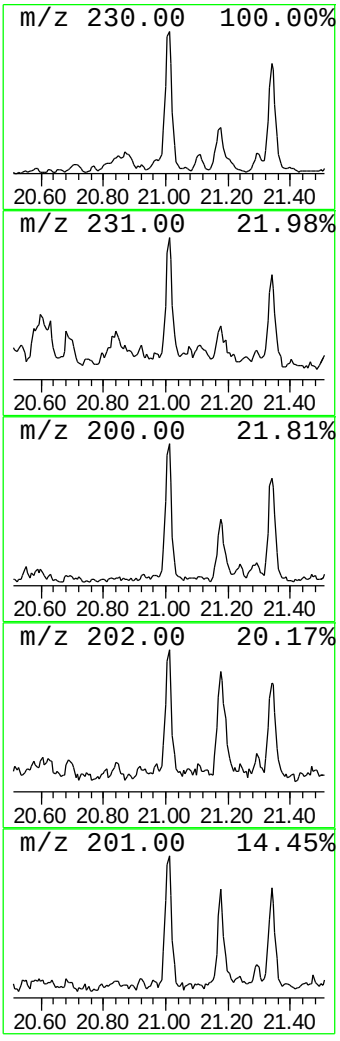
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.00 ng/ul	269481	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
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	81
4	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092515\
Data File : BG018923.D
Acq On : 26 Sep 2015 21:36
Operator : UM/NP
Sample : G3798-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9G65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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
Amylene Hydrate	2.88	23.1	ng/ul	347114	1	7.99	300182	20.0
3-Penten-2-one	3.13	4.9	ng/ul	73015	1	7.99	300182	20.0
Butane, 2-methoxy...	3.17	172.5	ng/ul	2588920	1	7.99	300182	20.0
unknown-01	3.95	3.9	ng/ul	57941	1	7.99	300182	20.0
(DEL) Alkane: Str...	16.33	3.8	ng/ul	173494	4	17.36	906930	20.0
(DEL) Alkane: Str...	17.10	2.2	ng/ul	97995	4	17.36	906930	20.0
Phenanthrene, 2-m...	18.23	5.0	ng/ul	224544	4	17.36	906930	20.0
Anthracene, 9-met...	18.28	5.3	ng/ul	241628	4	17.36	906930	20.0
Phenanthrene, 3-m...	18.35	2.0	ng/ul	91122	4	17.36	906930	20.0
4H-Cyclopenta[def...	18.43	6.2	ng/ul	281415	4	17.36	906930	20.0
1H-Cyclopropa[l]p...	18.45	2.7	ng/ul	121025	4	17.36	906930	20.0
6-Phenylbenzocycl...	18.72	2.6	ng/ul	118189	4	17.36	906930	20.0
Phenanthrene, 2,5...	19.15	3.4	ng/ul	156179	4	17.36	906930	20.0
Cyclopenta(def)ph...	19.28	3.9	ng/ul	176457	4	17.36	906930	20.0
Pyrene, 1-methyl-	20.09	2.6	ng/ul	356137	5	21.61	2692620	20.0
11H-Benzo[a]fluorene	20.25	2.3	ng/ul	306445	5	21.61	2692620	20.0
Pyrene, 2-methyl-	20.41	2.3	ng/ul	314453	5	21.61	2692620	20.0
11H-Benzo[a]fluor...	21.01	2.0	ng/ul	269481	5	21.61	2692620	20.0