LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

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-BG052116.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	3.209	61	63	67	rVB2	5527	6606	0.14%	0.020%
2	4.066	203	209	214	rVB4	6552	11972	0.25%	0.037%
3	7.327	757	764	772	rBV2	24940	57877	1.23%	0.177%
4	7.480	784	790	801	rVB	18607	39831	0.85%	0.122%
5	7.692	819	826	835	rBV2	29114	59092	1.26%	0.181%
6	8.156	896	905	917	rBV	82348	170916	3.64%	0.524%
7	8.538	963	970	976	rBV2	7416	14720	0.31%	0.045%
8	8.873	1021	1027	1037	rBV2	43138	92221	1.96%	0.283%
9	9.331	1097	1105	1118	rBV	27100	66923	1.43%	0.205%
10	10.059	1219	1229	1238	rBV2	19258	44601	0.95%	0.137%
11	10.371	1274	1282	1287	rBV8	4706	11348	0.24%	0.035%
12	10.606	1314	1322	1333	rBV	37823	78617	1.67%	0.241%
13	10.923	1371	1376	1379	rBV4	9108	16177	0.34%	0.050%
14	10.982	1379	1386	1390	rVV	157827	327837	6.98%	1.005%
15	11.029	1390	1394	1403	rVB	219549	431468	9.19%	1.323%
16	11.117	1403	1409	1415	rBV2	24053	54463	1.16%	0.167%
17	11.816	1525	1528	1532	rVV3	3923	6766	0.14%	0.021%
18	11.863	1532	1536	1542	rVB7	2656	5853	0.12%	0.018%
19	11.969	1548	1554	1559	rVB4	6033	10532	0.22%	0.032%
20	12.357	1614	1620	1626	rBV2	21112	38285	0.82%	0.117%
21	12.627	1660	1666	1674	rVB	79984	145511	3.10%	0.446%
22	12.844	1696	1703	1711	rBV	58662	111455	2.37%	0.342%
23	12.979	1722	1726	1730	rBV6	3109	4741	0.10%	0.015%
24	13.162	1754	1757	1762	rVB5	3301	5607	0.12%	0.017%
25	13.250	1765	1772	1776	rBV10	2837	7405	0.16%	0.023%
26	13.303	1776	1781	1786	rVV3	6220	10448	0.22%	0.032%
27	13.591	1824	1830	1832	rBV2	24335	43487	0.93%	0.133%
28	13.620	1832	1835	1839	rVB	19350	30673	0.65%	0.094%
29	13.814	1862	1868	1878	rVB2	32680	73228	1.56%	0.225%
30	13.961	1885	1893	1899	rBV5	22268	61569	1.31%	0.189%
31	14.102	1911	1917	1923	rBV	37217	74469	1.59%	0.228%
32	14.178	1923	1930	1934	rVV	119178	226485	4.82%	0.695%
33	14.225	1934	1938	1944	rVB	46852	83284	1.77%	0.255%
34	14.343	1953	1958	1968	rVB3	16748	42062	0.90%	0.129%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

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-BG052116.M
Title : SVOA CALIBRATION

35	14.478	1974	1981	1990	rBV	137646	274286	5.84%	0.841%
36	14.648	2006	2010	2015	rVB2	26920	41105	0.88%	0.126%
37	14.783	2022	2033	2039	rBV2	250521	490295	10.44%	1.504%
38	14.848	2039	2044	2052	rVV	574996	989813	21.08%	3.035%
39	14.913	2052	2055	2061	rVB2	16965	28784	0.61%	0.088%
40	14.983	2062	2067	2076	rBV4	14111	35930	0.77%	0.110%
41	15.089	2080	2085	2092	rVB2	35324	65825	1.40%	0.202%
42	15.183	2093	2101	2108	rBV	176103	326722	6.96%	1.002%
43	15.253	2109	2113	2121	rVB7	17092	31530	0.67%	0.097%
44	15.400	2133	2138	2140	rBV6	13690	24880	0.53%	0.076%
45	15.447	2144	2146	2154	rVB9	10957	20132	0.43%	0.062%
46	15.553	2160	2164	2165	rBV4	10473	14727	0.31%	0.045%
47	15.600	2168	2172	2177	rVB2	32088	48217	1.03%	0.148%
48	15.776	2196	2202	2206	rBV	168174	280859	5.98%	0.861%
49	15.829	2206	2211	2219	rVB2	357170	632284	13.47%	1.939%
50	15.917	2223	2226	2229	rBV4	23881	37821	0.81%	0.116%
51	15.952	2229	2232	2235	rVV2	36244	54679	1.16%	0.168%
52	15.994	2235	2239	2244	rVB2	51063	84346	1.80%	0.259%
53	16.082	2250	2254	2257	rBV3	21778	33686	0.72%	0.103%
54	16.123	2257	2261	2268	rVB	46625	81026	1.73%	0.248%
55	16.270	2281	2286	2293	rBV2	46544	106413	2.27%	0.326%
56	16.464	2314	2319	2322	rBV2	24394	50170	1.07%	0.154%
57	17.251	2450	2453	2455	rBV3	25335	32271	0.69%	0.099%
58	17.351	2465	2470	2479	rVB	104883	192049	4.09%	0.589%
59	17.533	2495	2501	2503	rBV	235561	394038	8.39%	1.208%
60	17.580	2503	2509	2514	rVV	2437712	4170623	88.82%	12.789%
61	17.633	2514	2518	2520	rVV2	249536	399350	8.51%	1.225%
62	17.668	2520	2524	2530	rVV	728363	1141739	24.32%	3.501%
63	17.721	2530	2533	2544	rVB	63783	128404	2.73%	0.394%
64	17.933	2564	2569	2576	rVB	222310	402343	8.57%	1.234%
65	18.403	2645	2649	2653	rBV	165375	230656	4.91%	0.707%
66	18.450	2653	2657	2665	rVB	263082	432869	9.22%	1.327%
67	18.532	2668	2671	2675	rVB	95022	136073	2.90%	0.417%
68	18.602	2677	2683	2693	rVV3	399972	925378	19.71%	2.838%
69	18.890	2728	2732	2736	rBV	164857	251970	5.37%	0.773%
70	18.943	2738	2741	2745	rVB	105261	149435	3.18%	0.458%
71	19.584	2843	2850	2855	rBV	2914241	4695464	100.00%	14.399%

LSC Area Percent Report

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Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

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-BG052116.M
Title : SVOA CALIBRATION

72	19.913	2900	2906	2907	rBV2	871362	1319417	28.10%	4.046%
73	19.942	2907	2911	2918	rVB	2443515	3969201	84.53%	12.172%
74	20.418	2990	2992	2997	rVB	364857	489965	10.43%	1.502%
75	20.518	3006	3009	3014	rBV2	392459	585859	12.48%	1.797%
76	21.804	3221	3228	3234	rBV3	1209692	2808306	59.81%	8.612%
77	21.869	3235	3239	3248	rVB	1028549	1844889	39.29%	5.657%
78	25.007	3767	3773	3783	rVB	617061	1689694	35.99%	5.182%

Sum of corrected areas: 32610052

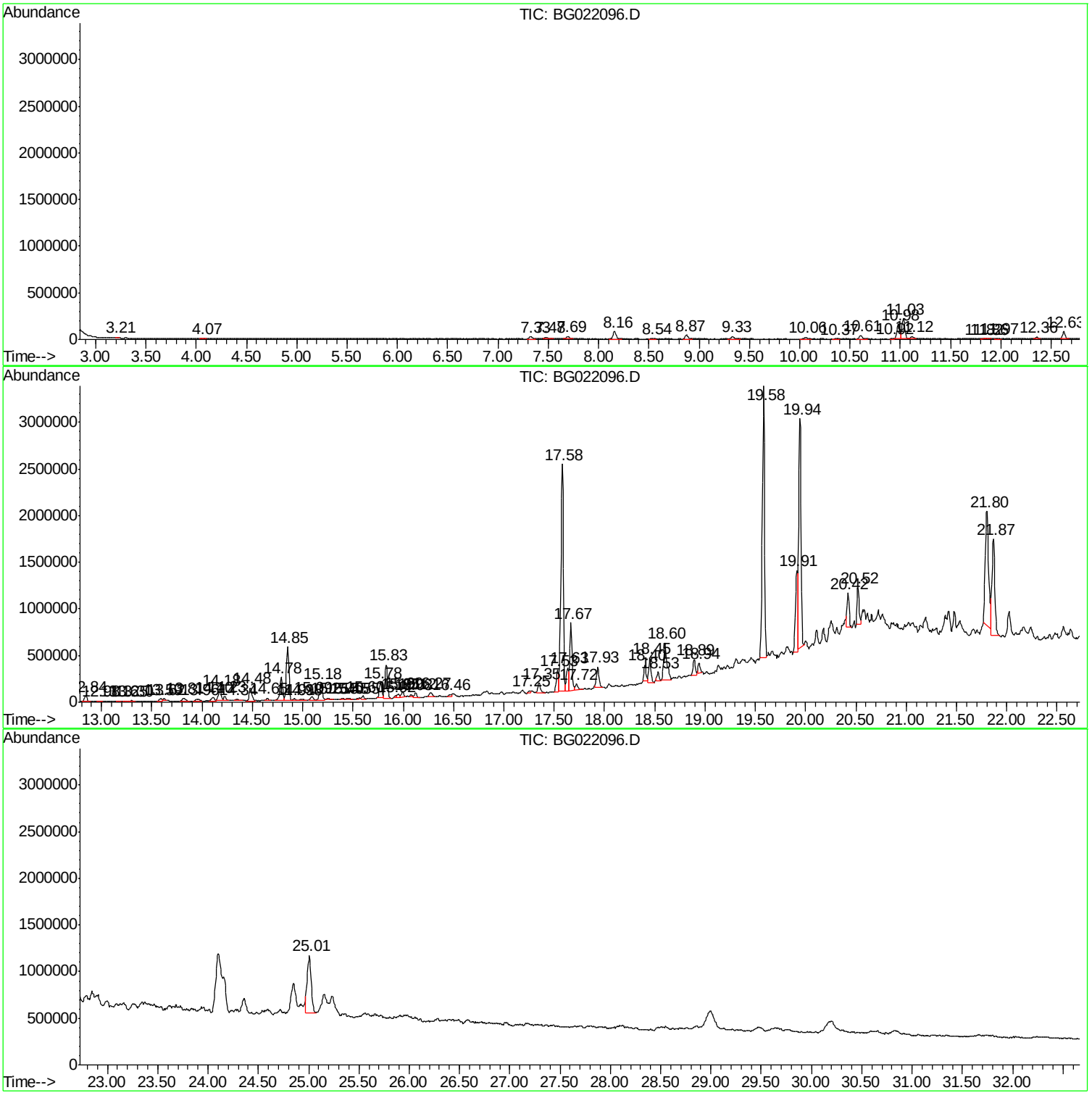
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

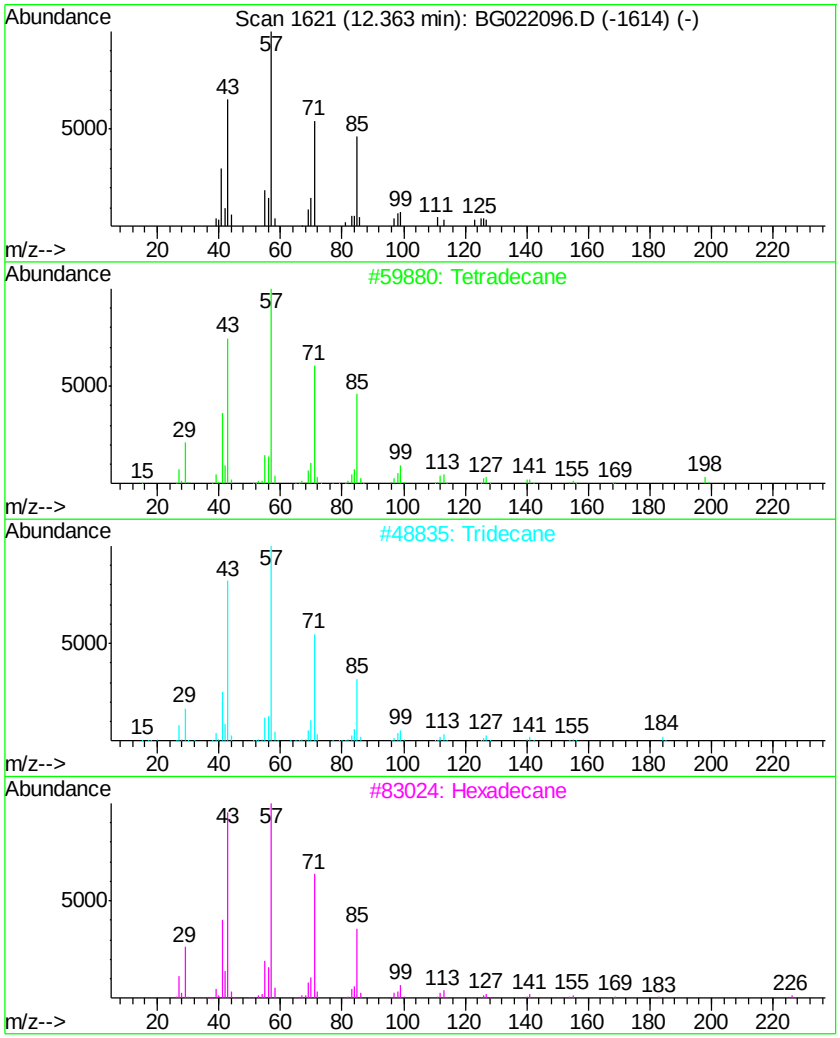
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

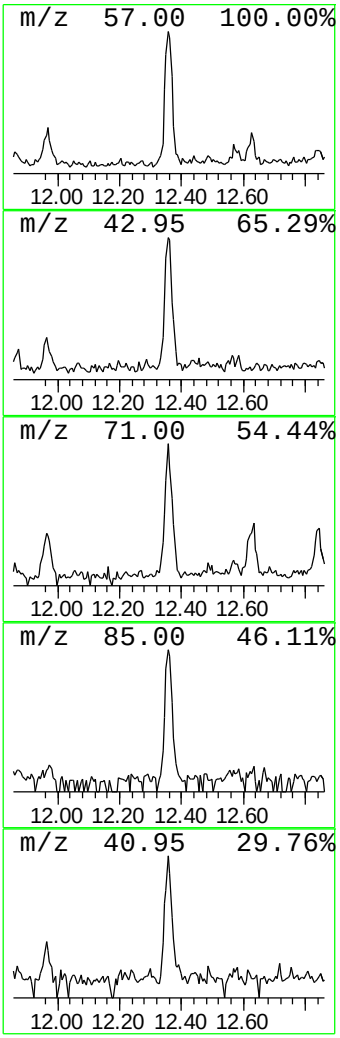
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.34 ng/ul	38285	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Tridecane	184	C13H28	000629-50-5	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5	Hexadecane	226	C16H34	000544-76-3	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

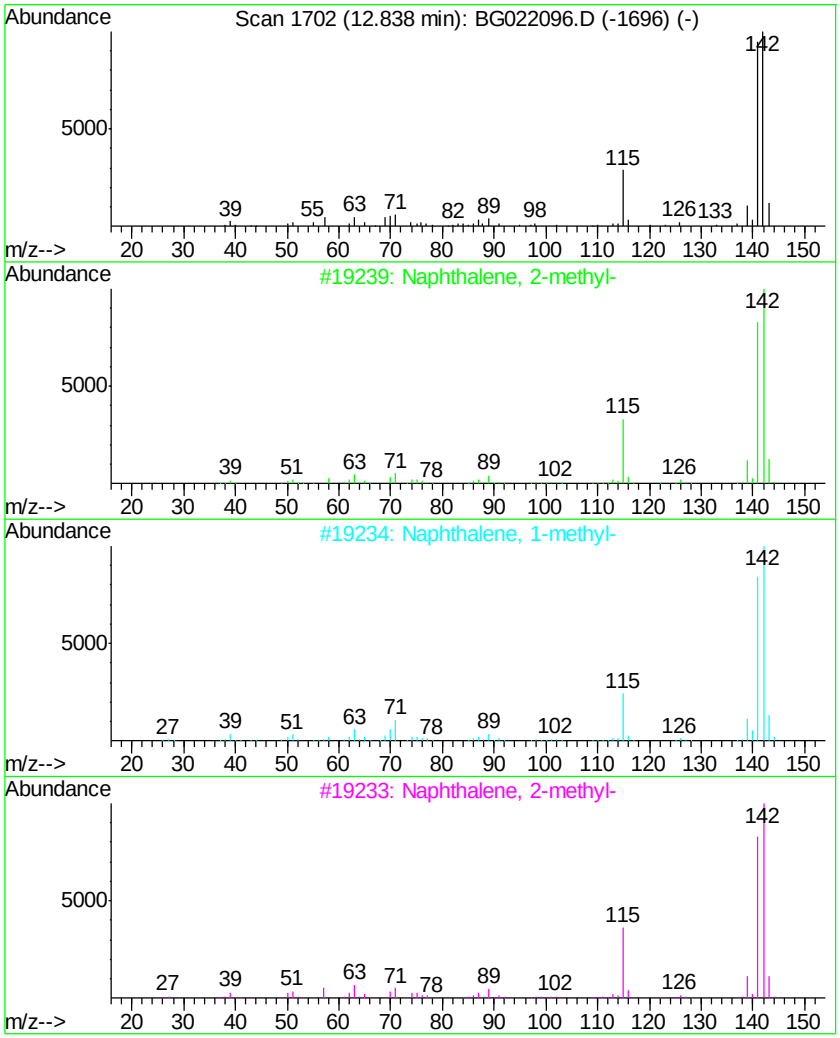
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

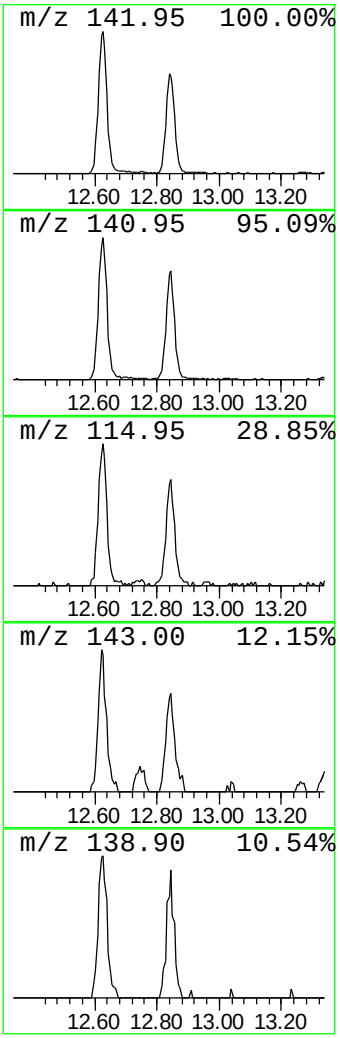
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	6.80 ng/ul	111455	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

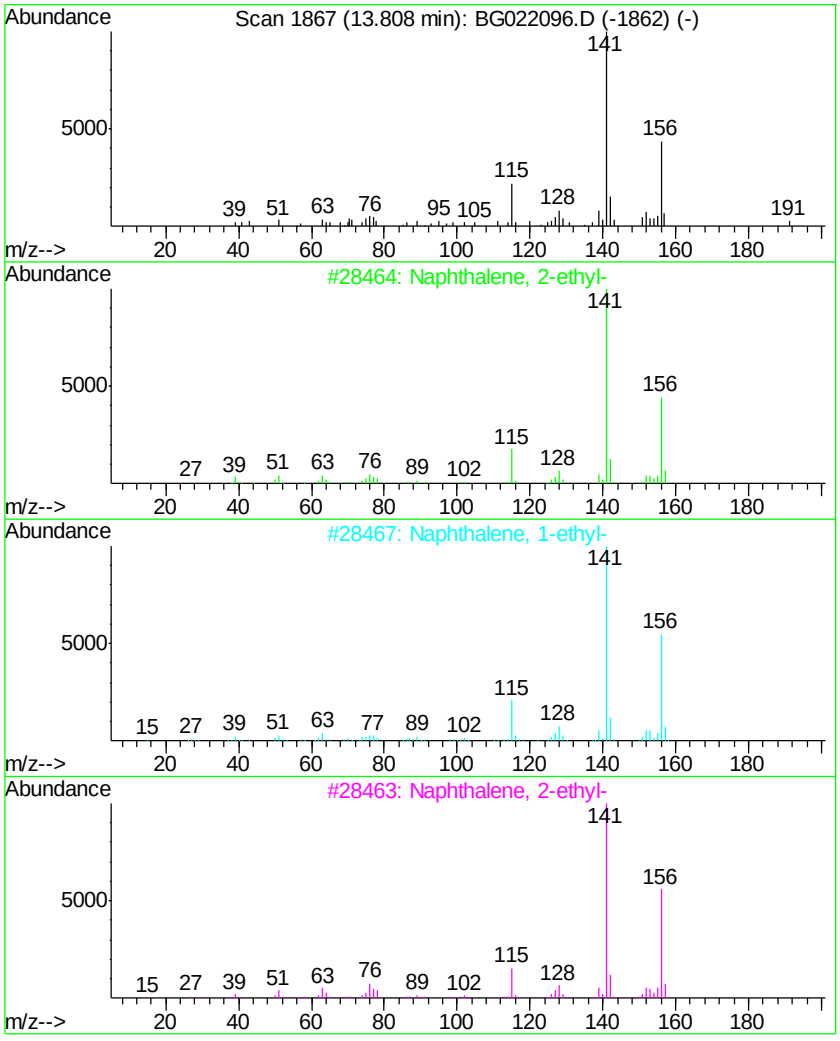
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

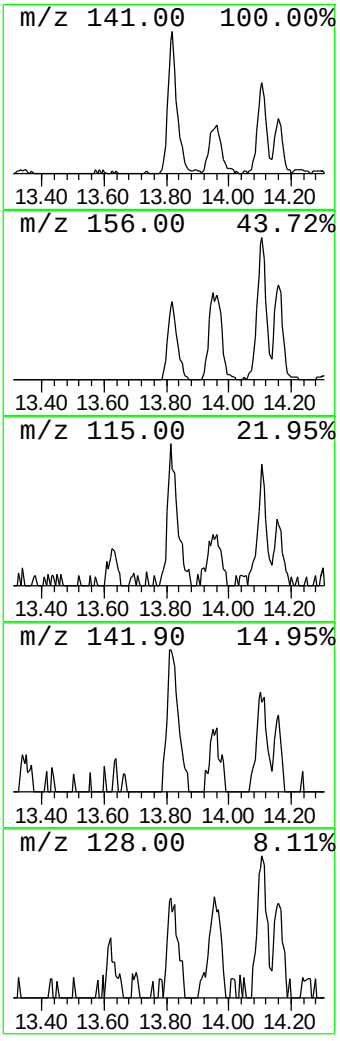
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.99 ng/ul	73228	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

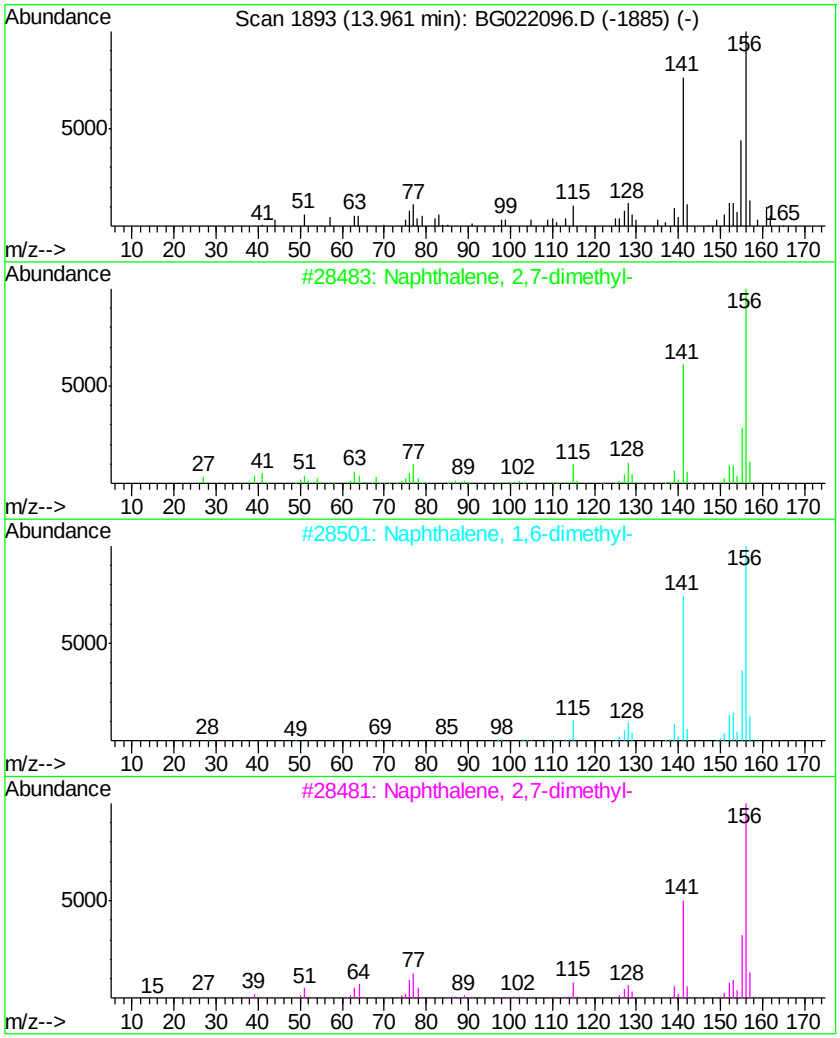
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

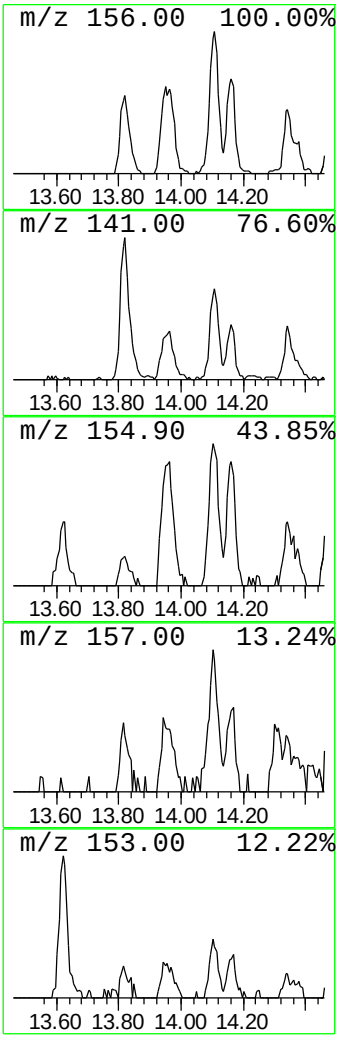
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.51 ng/ul	61569	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

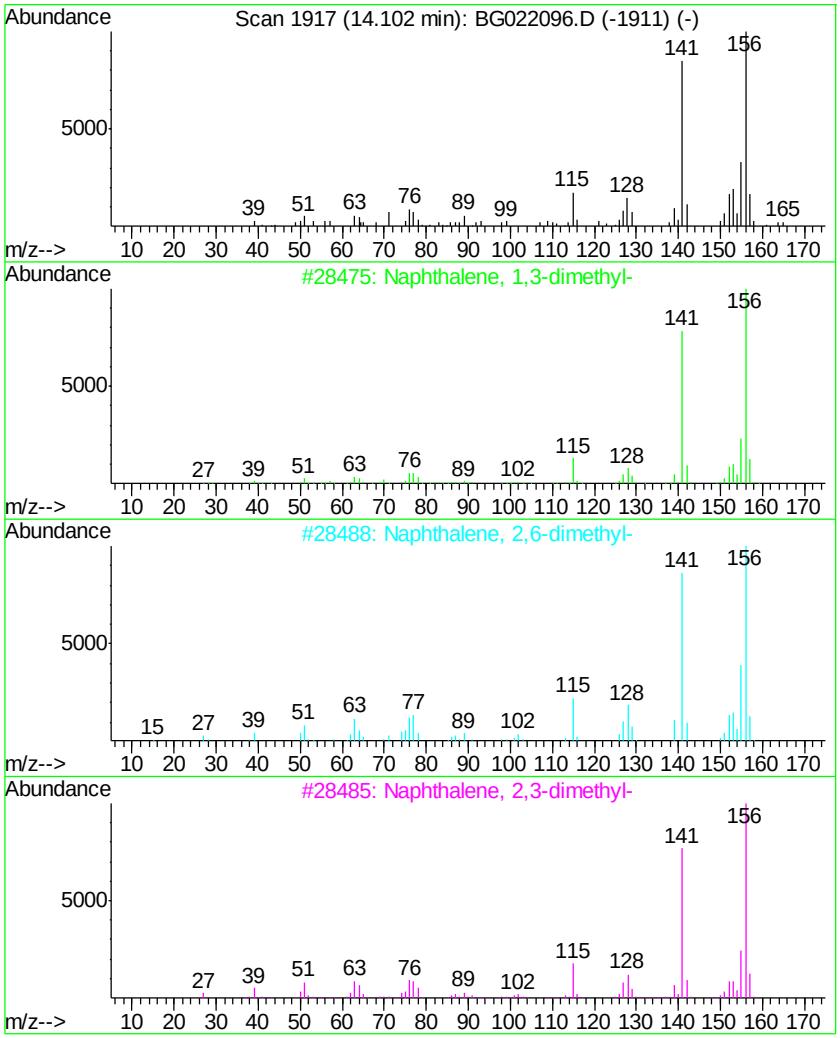
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

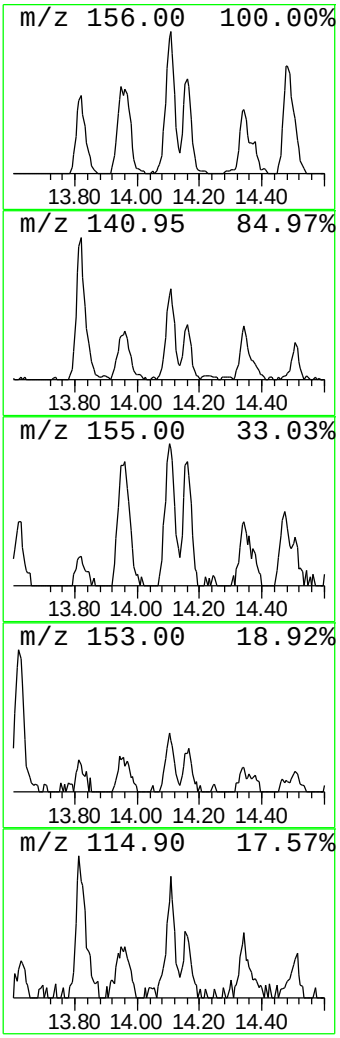
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.04 ng/ul	74469	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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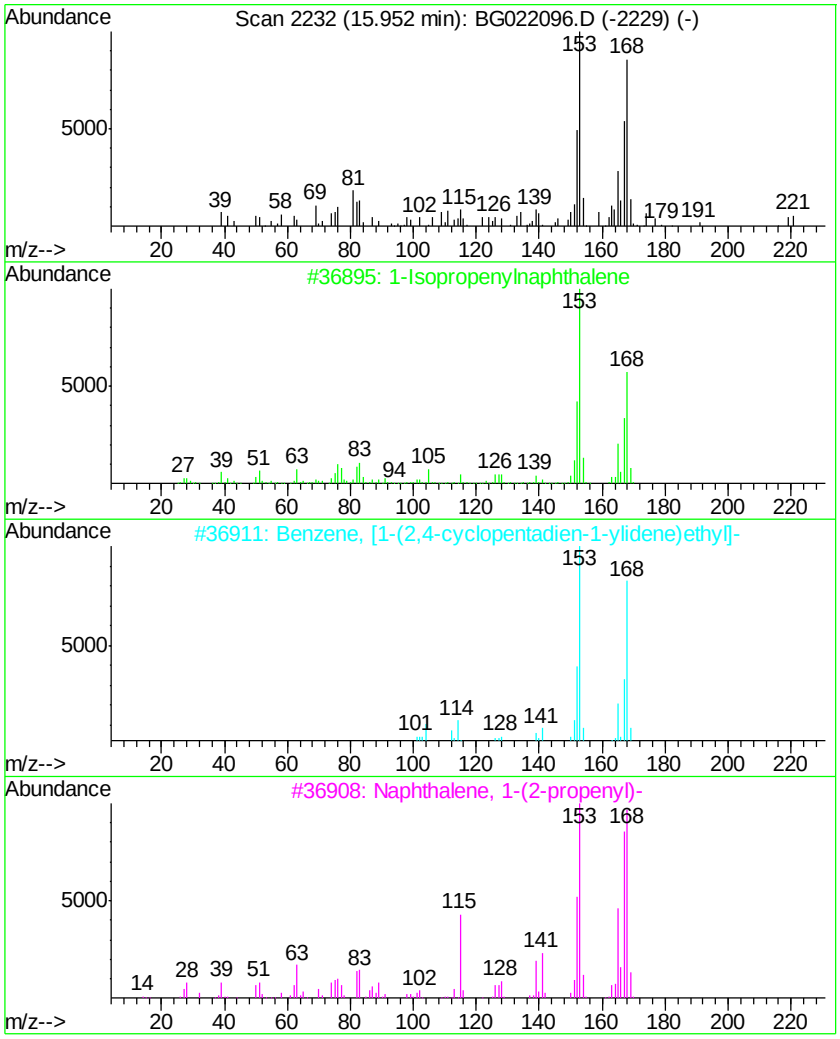
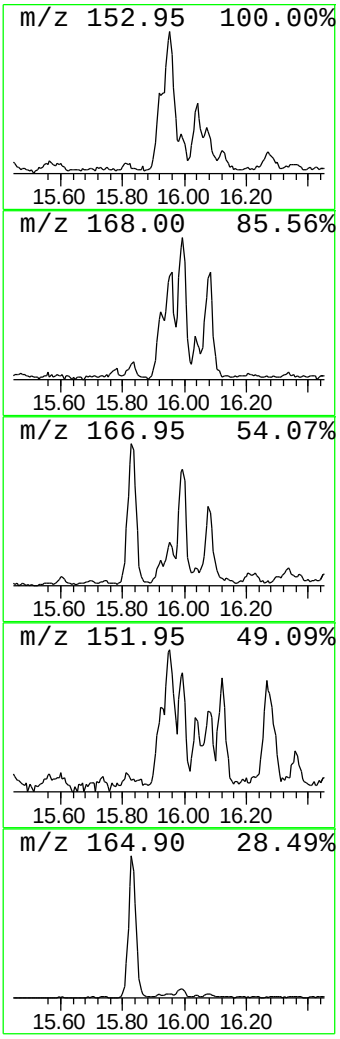
Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.23 ng/ul	54679	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	95
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	81
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	76
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	74
5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052616\
Data File : BG022096.D
Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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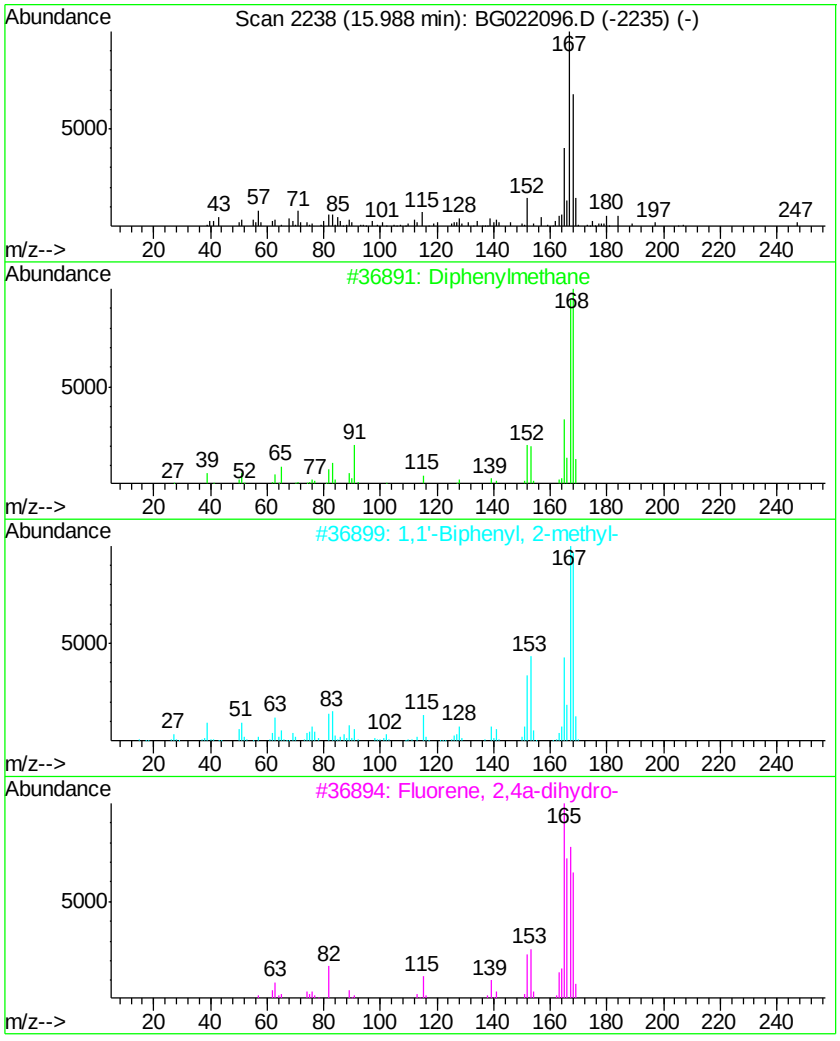
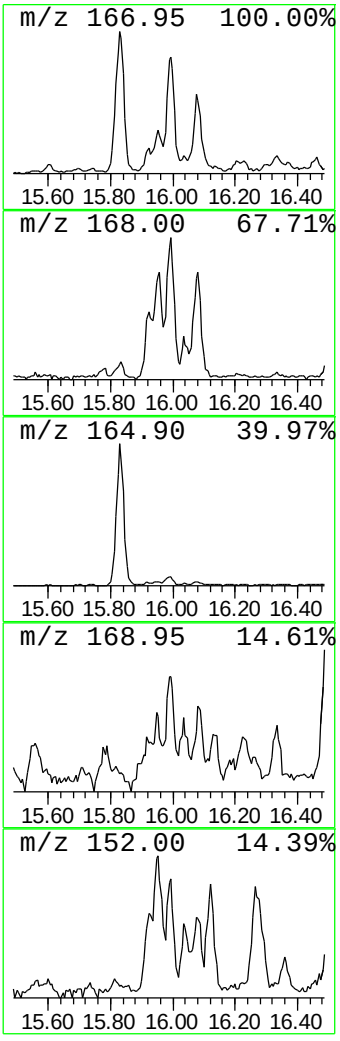
Peak Number 8 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.44 ng/ul	84346	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	80
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	72
4	Diphenylmethane	168	C13H12	000101-81-5	72
5	Nordiphenamid	225	C15H15NO	000954-21-2	59





Library Search Compound Report

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Acq On : 27 May 2016 1:11
Operator : UM/SJ
Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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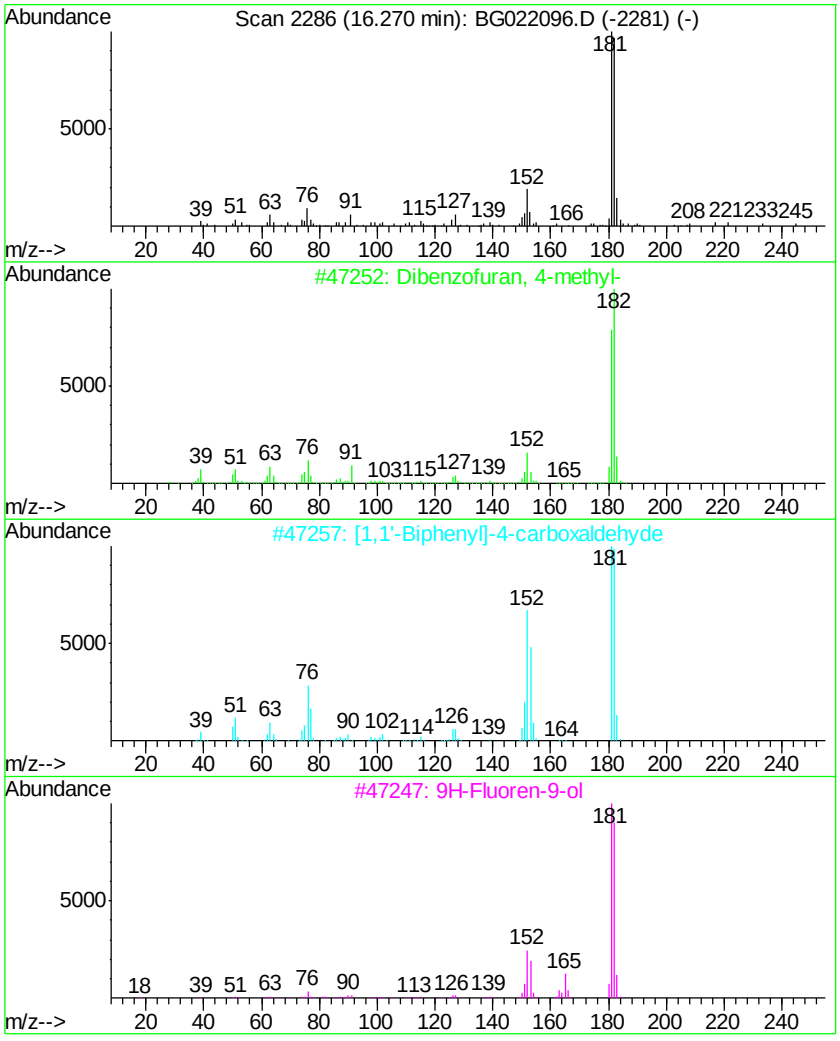
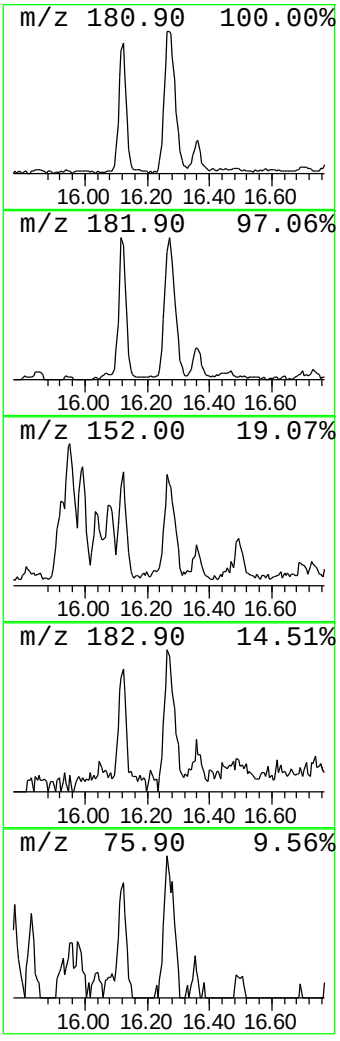
Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	5.40 ng/ul	106413	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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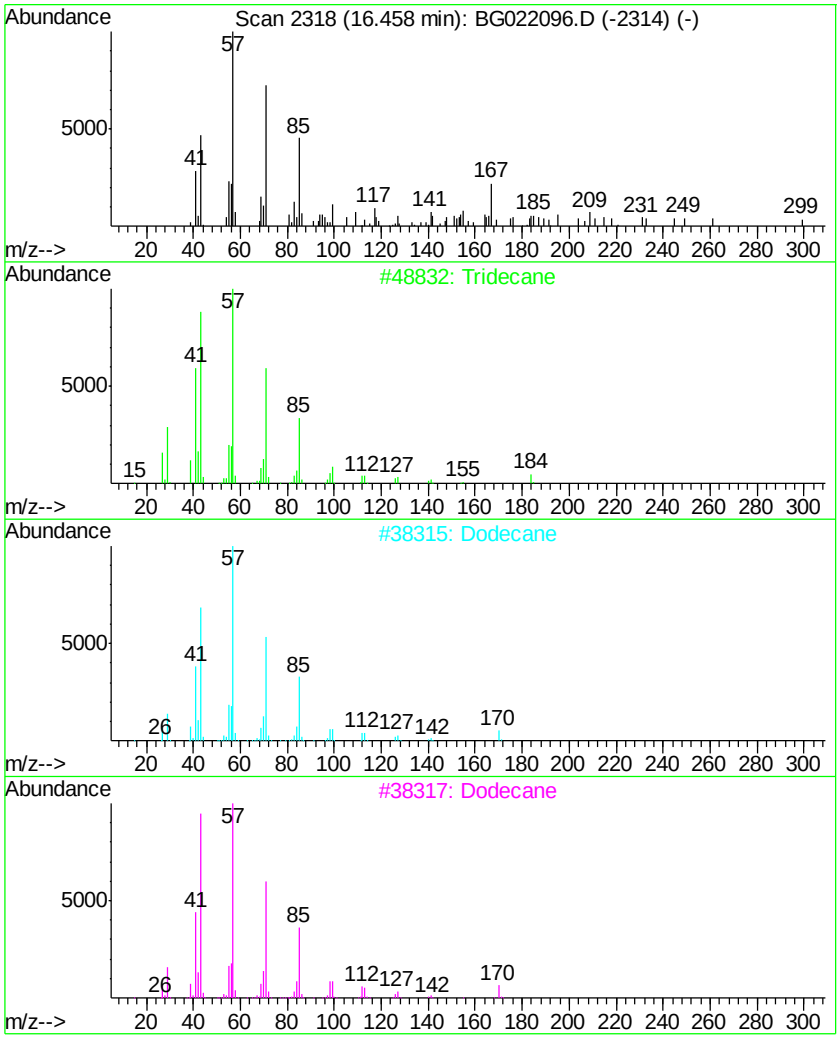
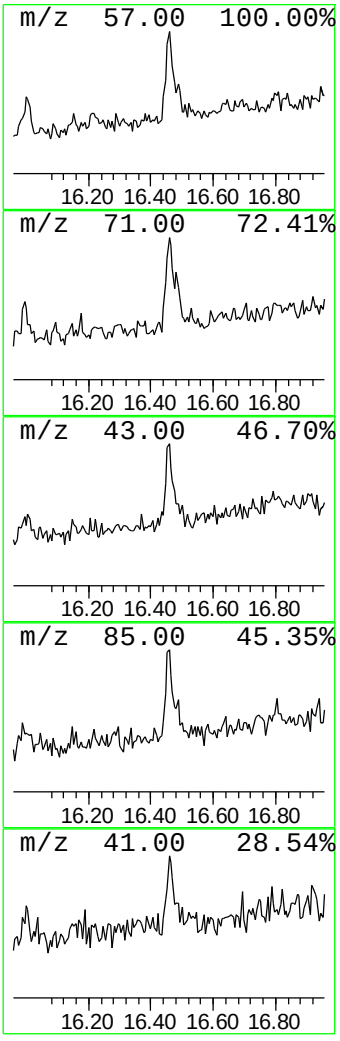
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.55 ng/ul	50170	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Dodecane	170	C12H26	000112-40-3	70
3	Dodecane	170	C12H26	000112-40-3	62
4	Dodecane	170	C12H26	000112-40-3	58
5	Hexadecane	226	C16H34	000544-76-3	52





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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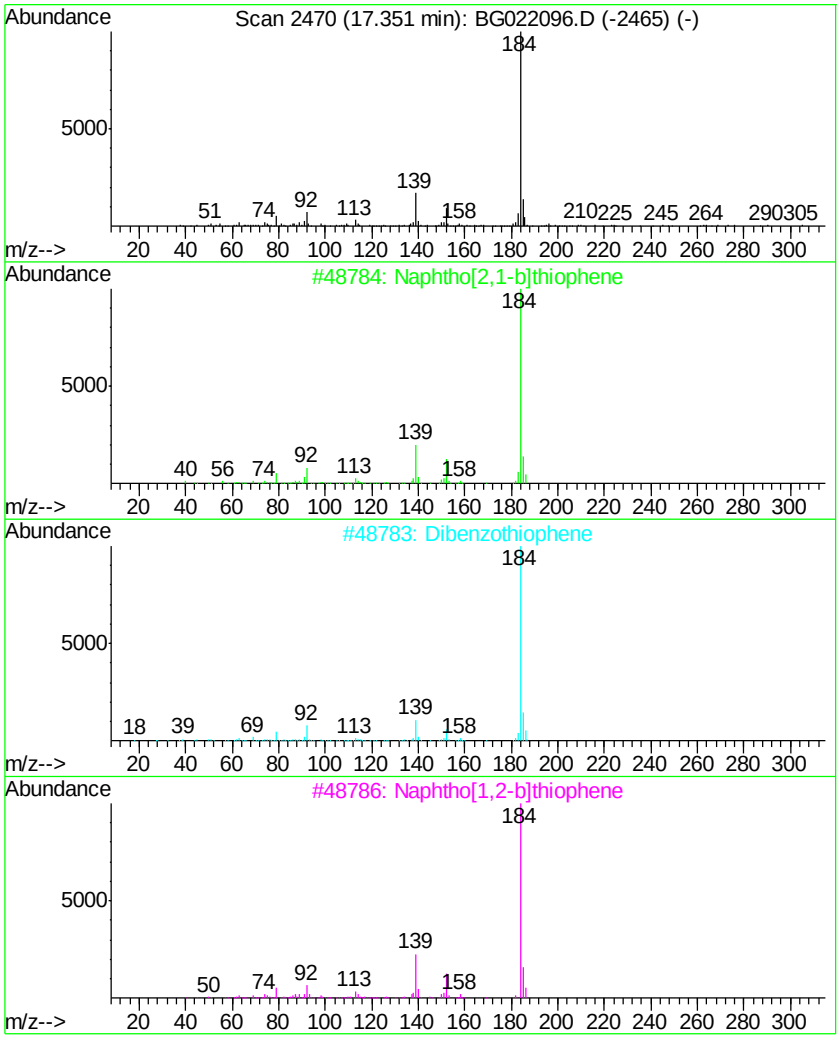
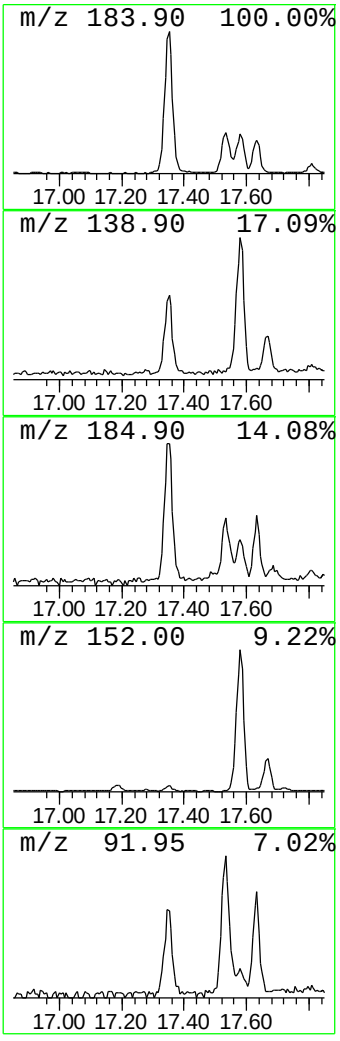
Peak Number 12 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	9.75 ng/ul	192049	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Instrument : BNA_G
ClientSampleId : BCZJ5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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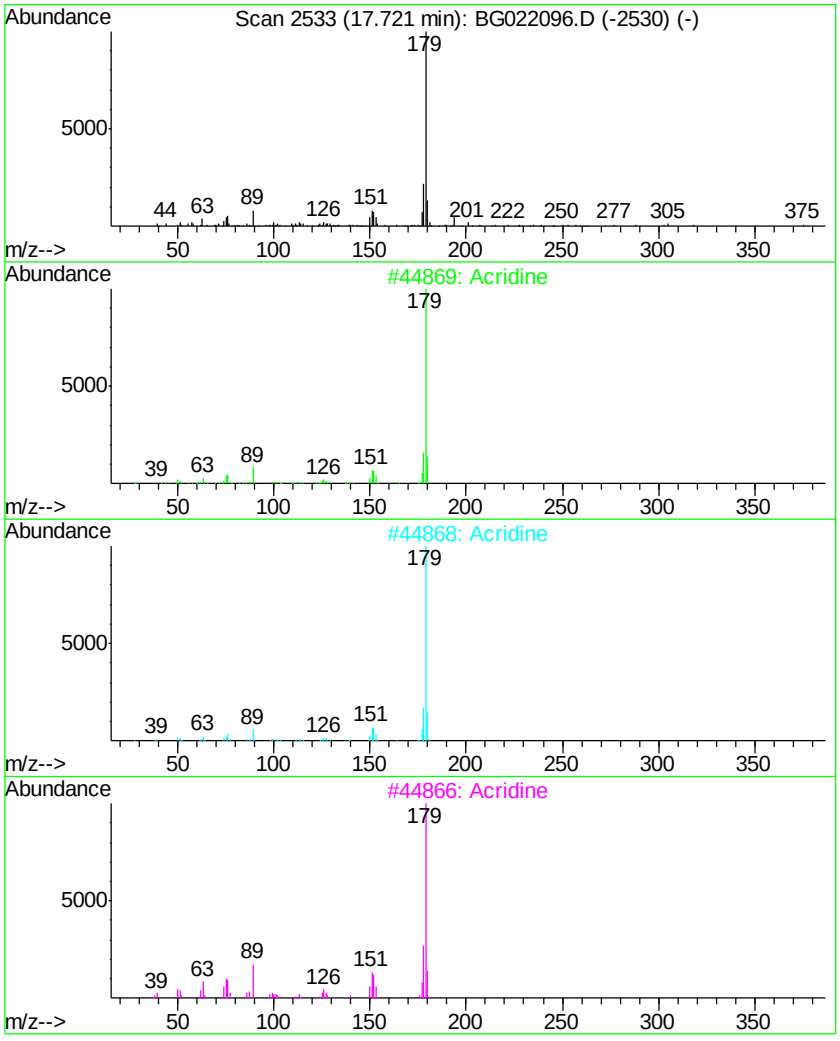
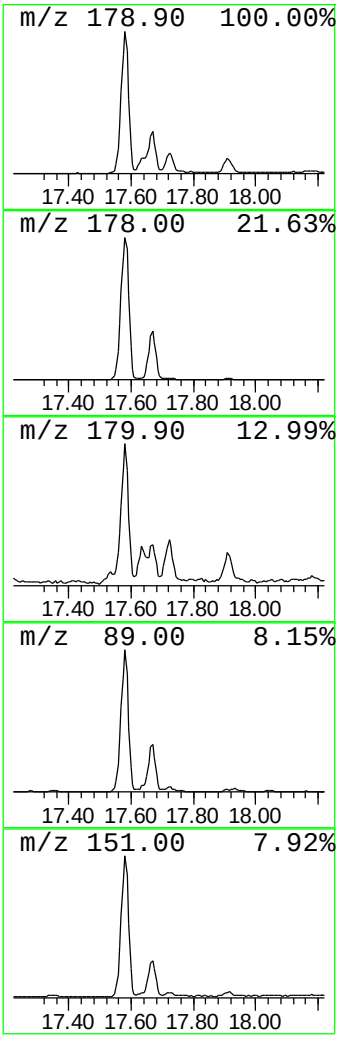
Peak Number 13 Acridine Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	6.52 ng/ul	128404	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Acridine	179	C13H9N	000260-94-6	91
3	Acridine	179	C13H9N	000260-94-6	91
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	91
5	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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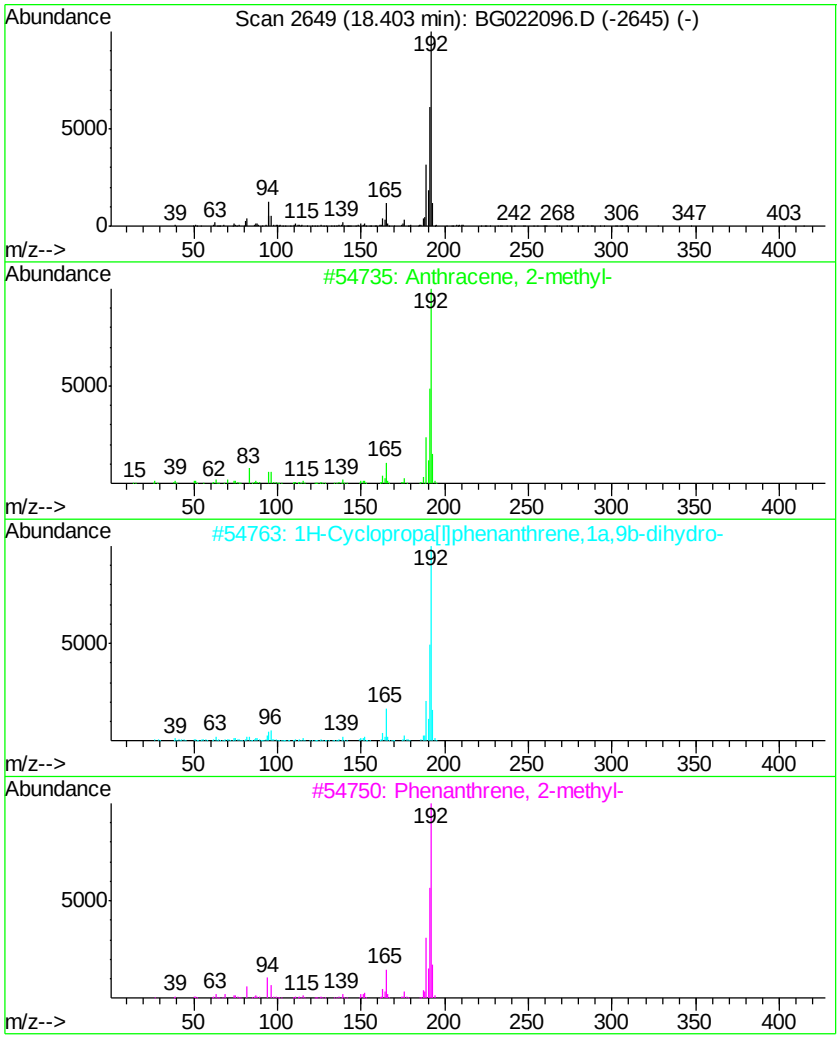
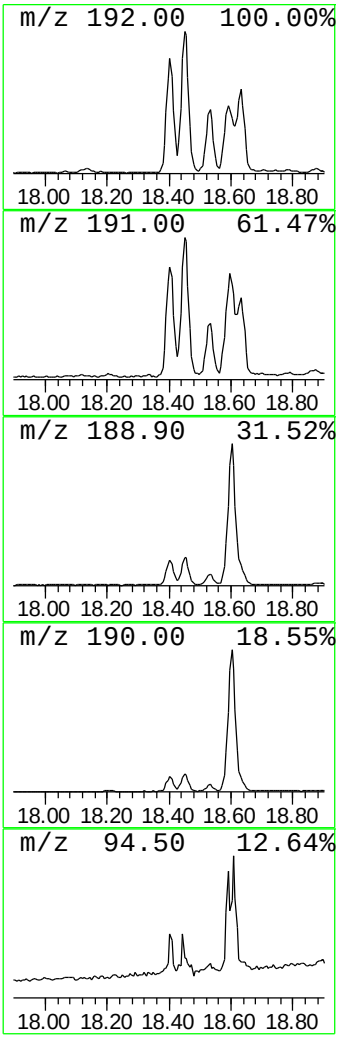
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	11.71 ng/ul	230656	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	68





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Instrument : BNA_G
ClientSampleId : BCZJ5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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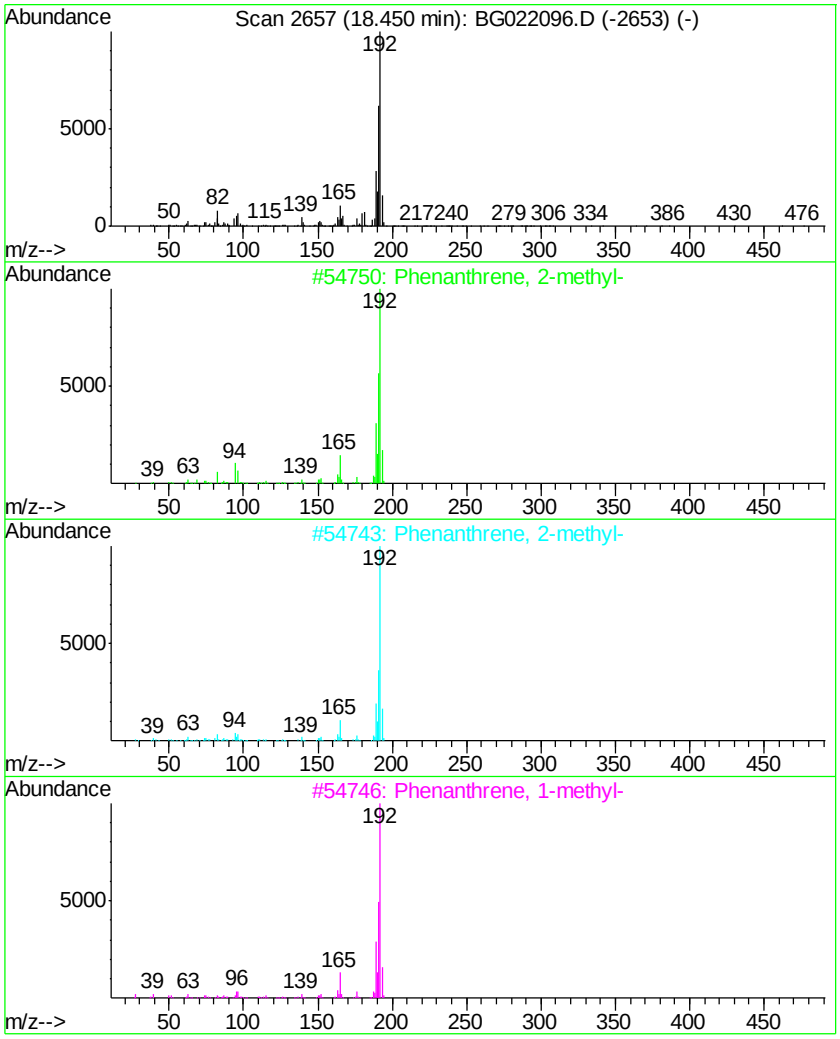
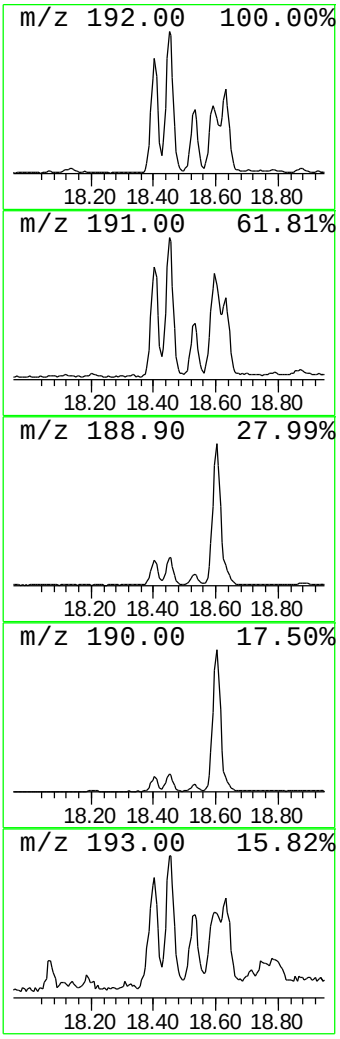
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	21.97 ng/ul	432869	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : H3201-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCZJ5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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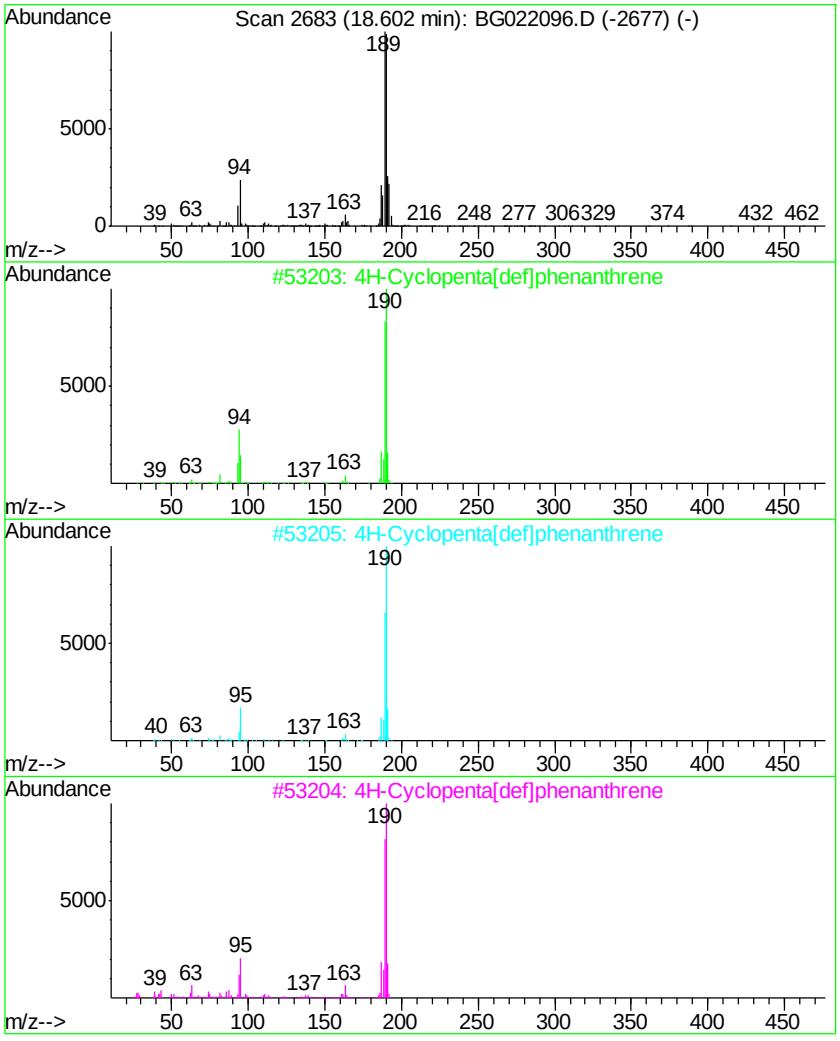
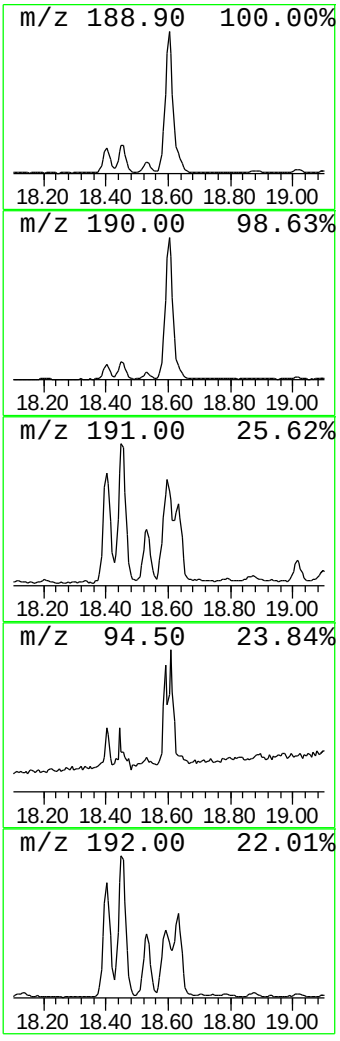
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	46.97 ng/ul	925378	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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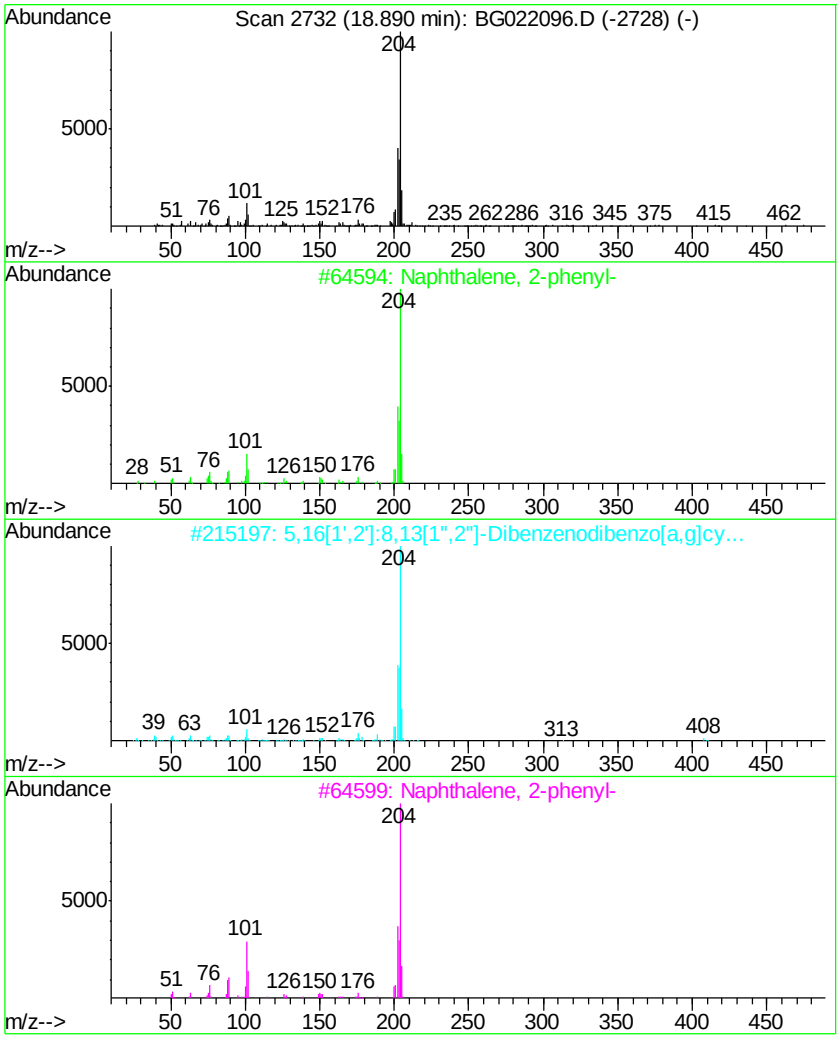
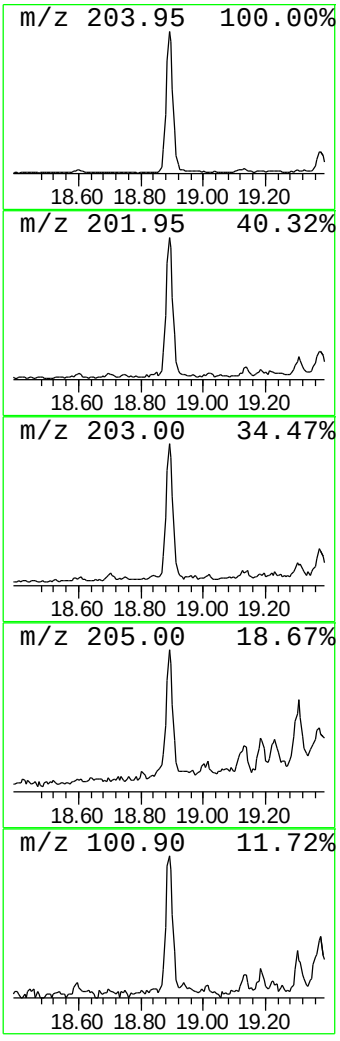
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	12.79 ng/ul	251970	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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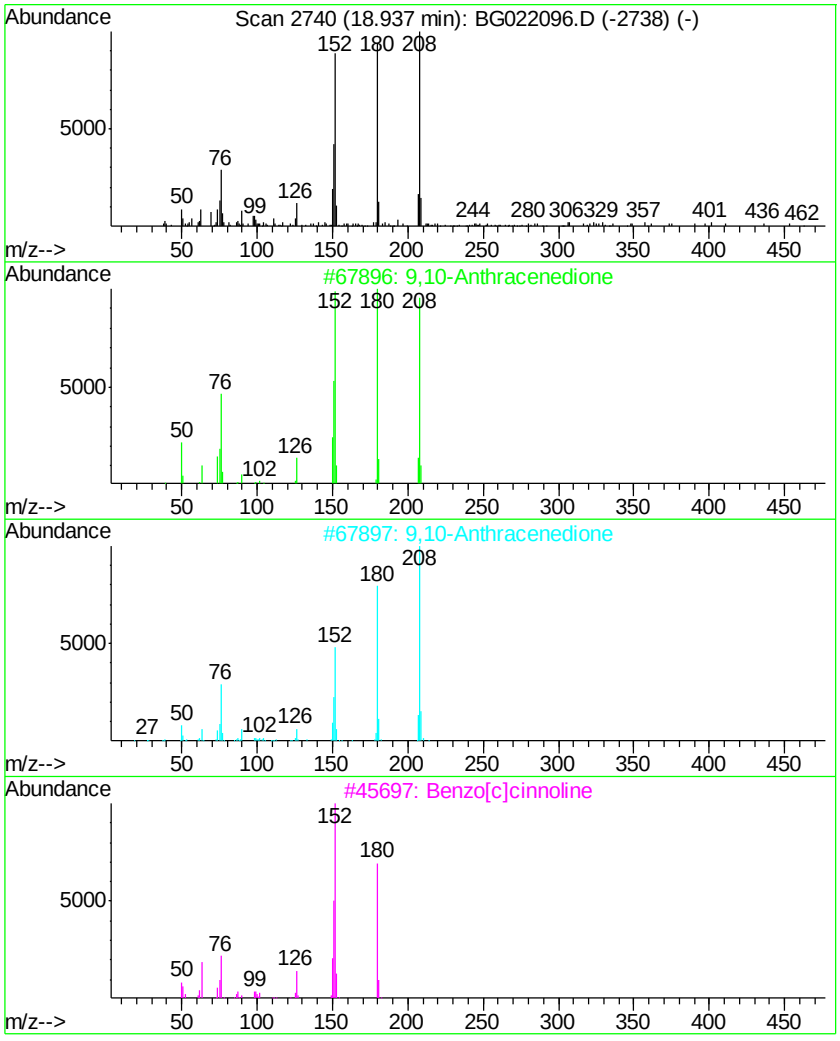
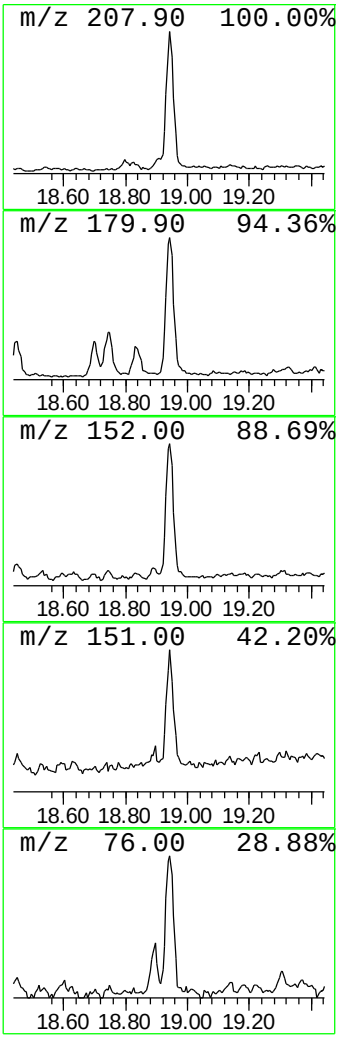
Peak Number 19 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	7.58 ng/ul	149435	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	52
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	47





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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	3.49 ng/ul	489965	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
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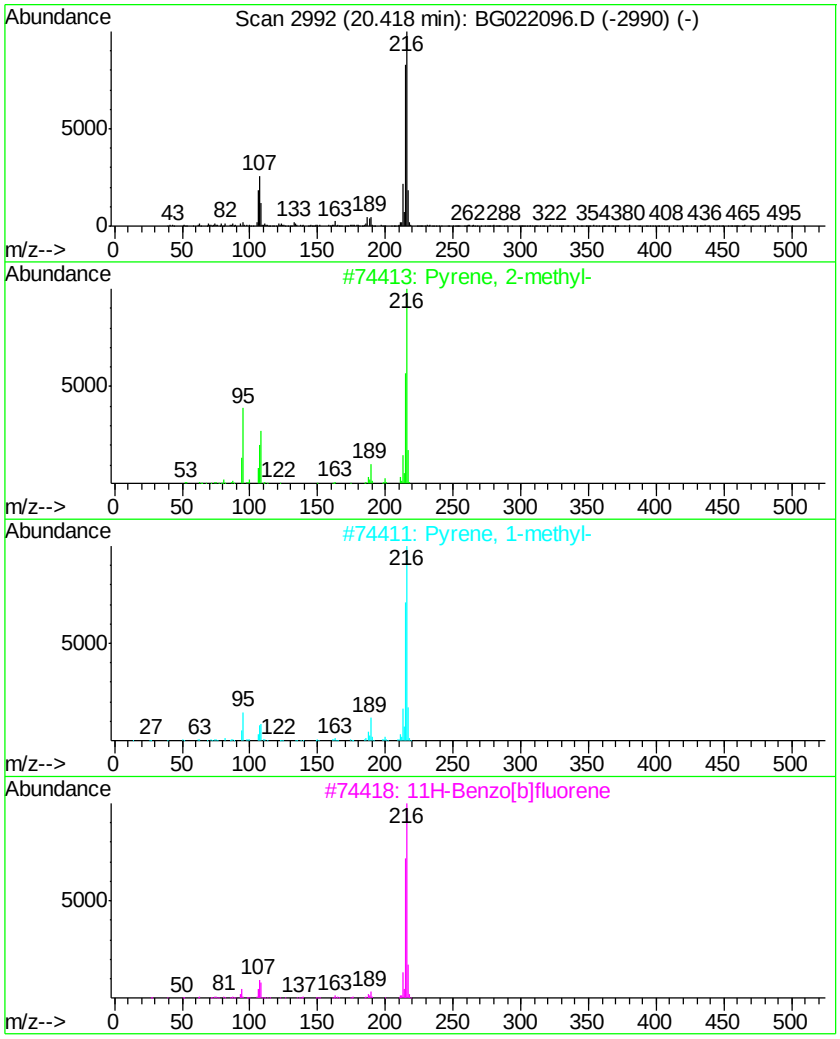

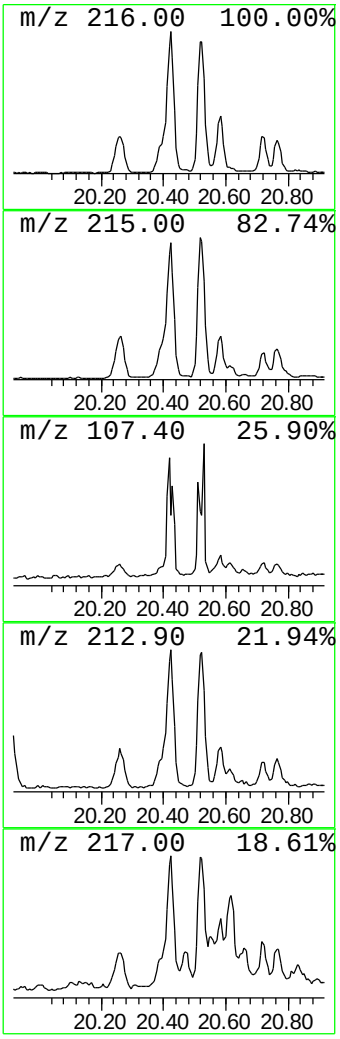

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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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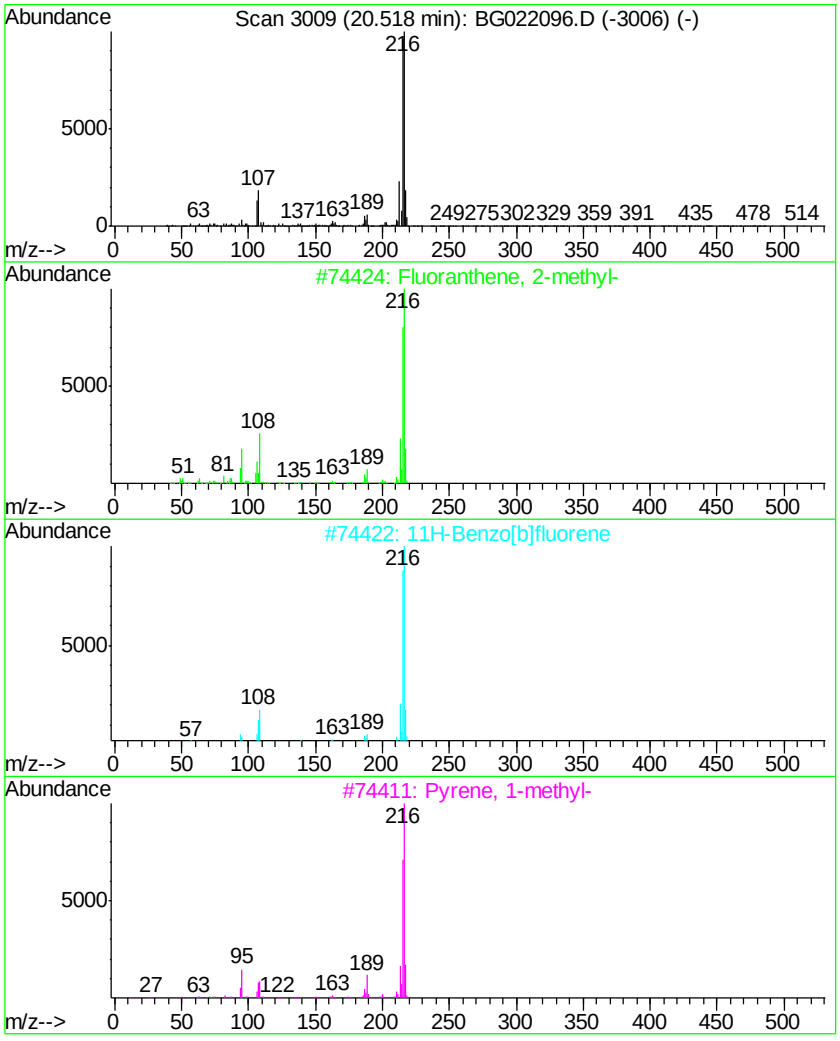
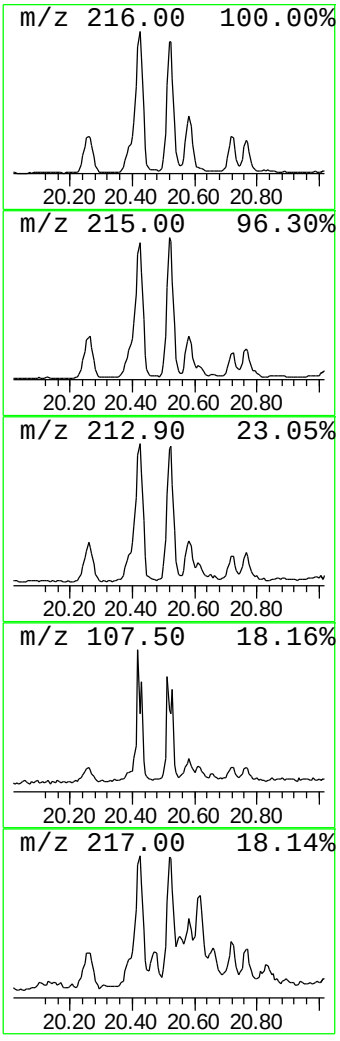
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.52	4.17 ng/ul	585859	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	12.36	2.3	ng/ul	38285	2	10.98	327837	20.0
Naphthalene, 2-me...	12.84	6.8	ng/ul	111455	2	10.98	327837	20.0
Naphthalene, 1-et...	13.81	3.0	ng/ul	73228	3	14.78	490295	20.0
Naphthalene, 2,7-...	13.96	2.5	ng/ul	61569	3	14.78	490295	20.0
Naphthalene, 1,3-...	14.10	3.0	ng/ul	74469	3	14.78	490295	20.0
1-Isopropenylnaph...	15.95	2.2	ng/ul	54679	3	14.78	490295	20.0
Diphenylmethane	15.99	3.4	ng/ul	84346	3	14.78	490295	20.0
Dibenzofuran, 4-m...	16.27	5.4	ng/ul	106413	4	17.53	394038	20.0
(DEL) Alkane: Str...	16.46	2.5	ng/ul	50170	4	17.53	394038	20.0
Naphtho[2,1-b]thi...	17.35	9.8	ng/ul	192049	4	17.53	394038	20.0
Acridine	17.72	6.5	ng/ul	128404	4	17.53	394038	20.0
Anthracene, 2-met...	18.40	11.7	ng/ul	230656	4	17.53	394038	20.0
Phenanthrene, 2-m...	18.45	22.0	ng/ul	432869	4	17.53	394038	20.0
4H-Cyclopenta[def...	18.60	47.0	ng/ul	925378	4	17.53	394038	20.0
Naphthalene, 2-ph...	18.89	12.8	ng/ul	251970	4	17.53	394038	20.0
9,10-Anthracenedione	18.94	7.6	ng/ul	149435	4	17.53	394038	20.0
Pyrene, 2-methyl-	20.42	3.5	ng/ul	489965	5	21.82	2808310	20.0
Fluoranthene, 2-m...	20.52	4.2	ng/ul	585859	5	21.82	2808310	20.0