LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

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-BG121415.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	3.120	41	48	57	rBV	47272	99859	11.61%	1.122%
2	3.196	57	61	73	rVB	32515	50905	5.92%	0.572%
3	6.057	544	548	556	rBB3	3530	6351	0.74%	0.071%
4	7.062	714	719	724	rBV2	2715	4235	0.49%	0.048%
5	7.238	744	749	757	rBB2	17496	28736	3.34%	0.323%
6	7.409	772	778	786	rBV	57560	95428	11.10%	1.072%
7	7.620	807	814	823	rBB	65629	107031	12.45%	1.203%
8	7.732	829	833	838	rVB3	2022	3162	0.37%	0.036%
9	8.090	888	894	900	rBV	56511	93859	10.91%	1.055%
10	8.137	900	902	908	rVB	2792	3984	0.46%	0.045%
11	8.454	951	956	963	rBB4	3645	7942	0.92%	0.089%
12	8.789	1007	1013	1022	rBB	54074	89775	10.44%	1.009%
13	9.259	1086	1093	1101	rVB	77673	136795	15.91%	1.537%
14	9.982	1210	1216	1225	rBB	70790	120402	14.00%	1.353%
15	10.299	1266	1270	1275	rBV3	3047	4877	0.57%	0.055%
16	10.523	1301	1308	1318	rBV	104606	180602	21.00%	2.030%
17	10.910	1366	1374	1379	rBV	81963	151550	17.62%	1.703%
18	10.957	1379	1382	1389	rVB	40210	65322	7.60%	0.734%
19	11.040	1389	1396	1399	rBV3	3728	5495	0.64%	0.062%
20	11.727	1507	1513	1520	rBV	30477	53136	6.18%	0.597%
21	12.556	1648	1654	1662	rVV	62845	102128	11.88%	1.148%
22	12.773	1685	1691	1699	rVB	39772	66362	7.72%	0.746%
23	13.272	1771	1776	1779	rBV2	3203	3872	0.45%	0.044%
24	13.560	1819	1825	1831	rBB	27335	41193	4.79%	0.463%
25	13.760	1852	1859	1867	rBB3	8150	17787	2.07%	0.200%
26	13.883	1874	1880	1881	rBV2	13335	16779	1.95%	0.189%
27	14.042	1901	1907	1913	rBV	29745	51996	6.05%	0.584%
28	14.124	1913	1921	1927	rVB	213074	329529	38.32%	3.703%
29	14.283	1941	1948	1951	rBV2	11373	17871	2.08%	0.201%
30	14.312	1951	1953	1957	rVB2	3469	3973	0.46%	0.045%
31	14.418	1964	1971	1981	rVB	232908	364061	42.33%	4.091%
32	14.724	2013	2023	2029	rBV2	149876	252318	29.34%	2.836%
33	14.788	2029	2034	2042	rVV	201567	307182	35.72%	3.452%
34	14.912	2050	2055	2066	rBV3	16842	30677	3.57%	0.345%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

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-BG121415.M
Title : SVOA CALIBRATION

35	15.035	2070	2076	2080	rVV	8003	11614	1.35%	0.131%
36	15.117	2084	2090	2097	rVV	109788	166752	19.39%	1.874%
37	15.194	2098	2103	2107	rVB	4785	6440	0.75%	0.072%
38	15.335	2122	2127	2131	rBB3	4177	6877	0.80%	0.077%
39	15.388	2131	2136	2141	rBB	3398	4576	0.53%	0.051%
40	15.505	2150	2156	2160	rBV3	3567	6600	0.77%	0.074%
41	15.717	2181	2192	2196	rVV	315488	476813	55.44%	5.359%
42	15.769	2196	2201	2206	rVV	197997	289250	33.63%	3.251%
43	15.822	2206	2210	2215	rVV	85084	127533	14.83%	1.433%
44	15.893	2219	2222	2225	rVV3	16511	24227	2.82%	0.272%
45	15.928	2225	2228	2234	rVV3	18984	32625	3.79%	0.367%
46	15.975	2234	2236	2240	rVV	5432	7196	0.84%	0.081%
47	16.022	2240	2244	2247	rVV2	7637	11350	1.32%	0.128%
48	16.057	2247	2250	2256	rVB	17118	25426	2.96%	0.286%
49	16.204	2270	2275	2284	rVB	17984	35339	4.11%	0.397%
50	16.304	2289	2292	2297	rVB	3134	4104	0.48%	0.046%
51	16.439	2311	2315	2320	rVB2	3888	6258	0.73%	0.070%
52	16.563	2332	2336	2340	rBV3	4432	6601	0.77%	0.074%
53	16.768	2359	2371	2376	rBV2	14316	30893	3.59%	0.347%
54	16.821	2376	2380	2385	rVV3	7464	10645	1.24%	0.120%
55	16.921	2391	2397	2403	rVB4	7300	11855	1.38%	0.133%
56	16.997	2403	2410	2413	rBV4	2504	4581	0.53%	0.051%
57	17.044	2413	2418	2421	rVB3	2139	3651	0.42%	0.041%
58	17.121	2426	2431	2439	rVB	15105	23586	2.74%	0.265%
59	17.191	2439	2443	2445	rBV2	2800	3701	0.43%	0.042%
60	17.215	2445	2447	2452	rVV3	3179	4661	0.54%	0.052%
61	17.285	2454	2459	2466	rVB	30243	44312	5.15%	0.498%
62	17.467	2484	2490	2493	rBV	204106	302303	35.15%	3.397%
63	17.514	2493	2498	2502	rVB	467211	686485	79.82%	7.715%
64	17.567	2502	2507	2512	rBV	358133	515774	59.97%	5.796%
65	17.661	2519	2523	2527	rVB2	4519	6399	0.74%	0.072%
66	17.867	2550	2558	2569	rVB3	10703	19964	2.32%	0.224%
67	17.984	2574	2578	2585	rBV3	4337	7413	0.86%	0.083%
68	18.049	2585	2589	2593	rBV3	2828	4079	0.47%	0.046%
69	18.120	2598	2601	2609	rVB4	8370	12338	1.43%	0.139%
70	18.196	2609	2614	2620	rBV3	1964	4117	0.48%	0.046%
71	18.343	2633	2639	2643	rBV	21973	30678	3.57%	0.345%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

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-BG121415.M
Title : SVOA CALIBRATION

72	18.390	2643	2647	2655	rVB3	27055	38268	4.45%	0.430%
73	18.472	2656	2661	2665	rVB2	5033	7282	0.85%	0.082%
74	18.543	2666	2673	2677	rBV2	55232	95462	11.10%	1.073%
75	18.643	2685	2690	2693	rBV	3070	4467	0.52%	0.050%
76	18.684	2693	2697	2701	rVB	4738	5495	0.64%	0.062%
77	18.778	2707	2713	2718	rVB4	2908	4639	0.54%	0.052%
78	18.836	2718	2723	2727	rVV2	7974	12187	1.42%	0.137%
79	18.878	2727	2730	2735	rVB2	7999	10773	1.25%	0.121%
80	19.077	2759	2764	2767	rBV5	3633	5468	0.64%	0.061%
81	19.124	2768	2772	2775	rVV4	1712	3178	0.37%	0.036%
82	19.160	2775	2778	2782	rVB2	2065	3118	0.36%	0.035%
83	19.242	2789	2792	2800	rVB5	3348	5437	0.63%	0.061%
84	19.395	2814	2818	2825	rVB	16054	24749	2.88%	0.278%
85	19.459	2825	2829	2830	rBV3	2681	3379	0.39%	0.038%
86	19.518	2833	2839	2845	rVV	195714	284444	33.07%	3.197%
87	19.700	2866	2870	2873	rBV4	2756	3666	0.43%	0.041%
88	19.759	2877	2880	2886	rVV2	7217	10311	1.20%	0.116%
89	19.847	2889	2895	2908	rBV2	470214	860021	100.00%	9.665%
90	19.941	2909	2911	2916	rVB2	3879	4738	0.55%	0.053%
91	20.053	2926	2930	2937	rVB3	3230	5132	0.60%	0.058%
92	20.194	2950	2954	2959	rBV4	3294	7295	0.85%	0.082%
93	20.252	2960	2964	2971	rVB	9726	13297	1.55%	0.149%
94	20.364	2974	2983	2988	rBV	11865	20776	2.42%	0.233%
95	20.464	2996	3000	3006	rBV	12683	15389	1.79%	0.173%
96	20.746	3045	3048	3051	rVB3	3962	3808	0.44%	0.043%
97	21.745	3210	3218	3225	rBV	276227	466456	54.24%	5.242%
98	22.162	3284	3289	3297	rVB2	7223	12950	1.51%	0.146%
99	24.794	3726	3737	3750	rBV	235619	674636	78.44%	7.582%
100	25.017	3764	3775	3790	rVB2	141192	399099	46.41%	4.485%

Sum of corrected areas: 8898110

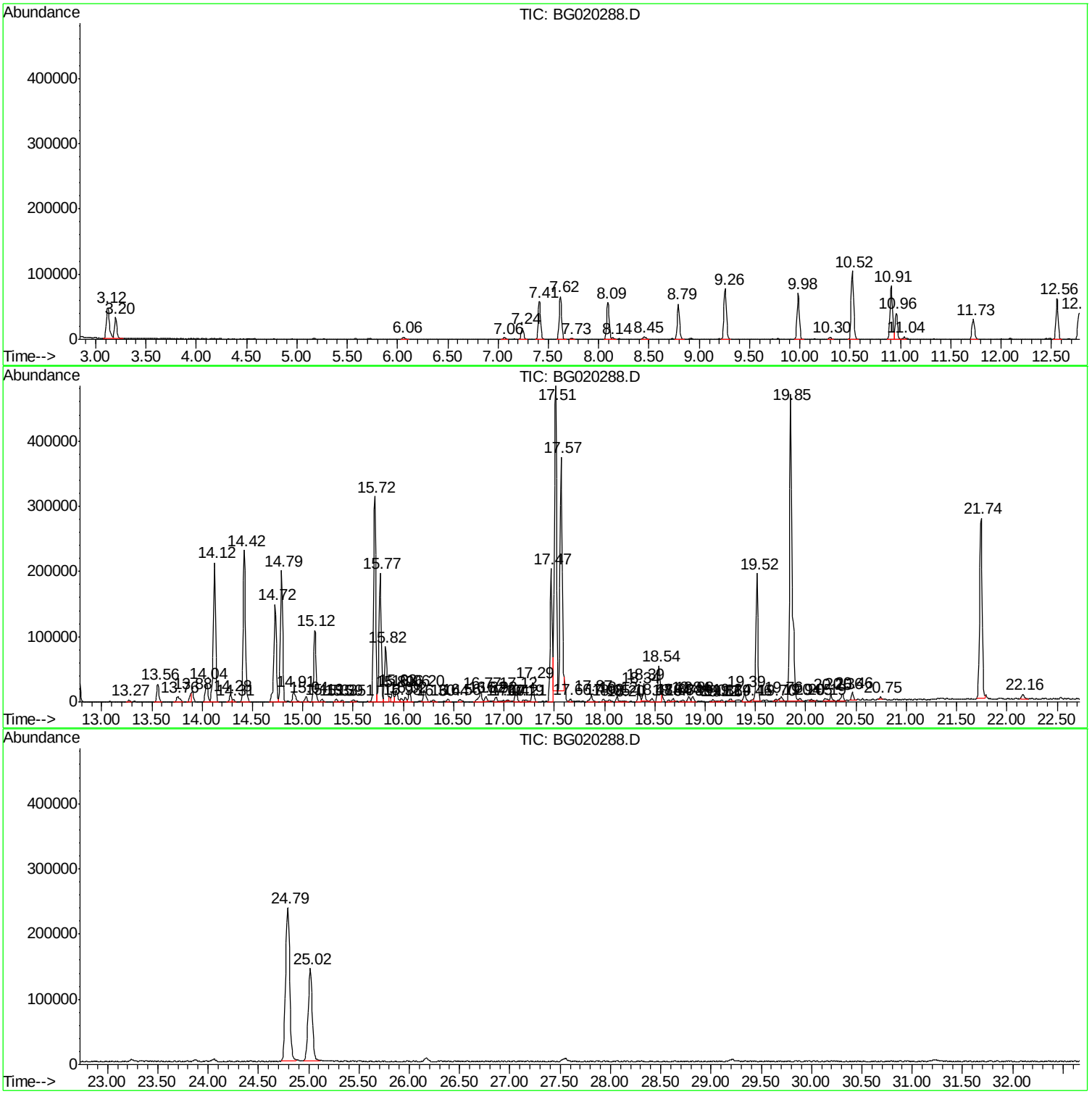
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

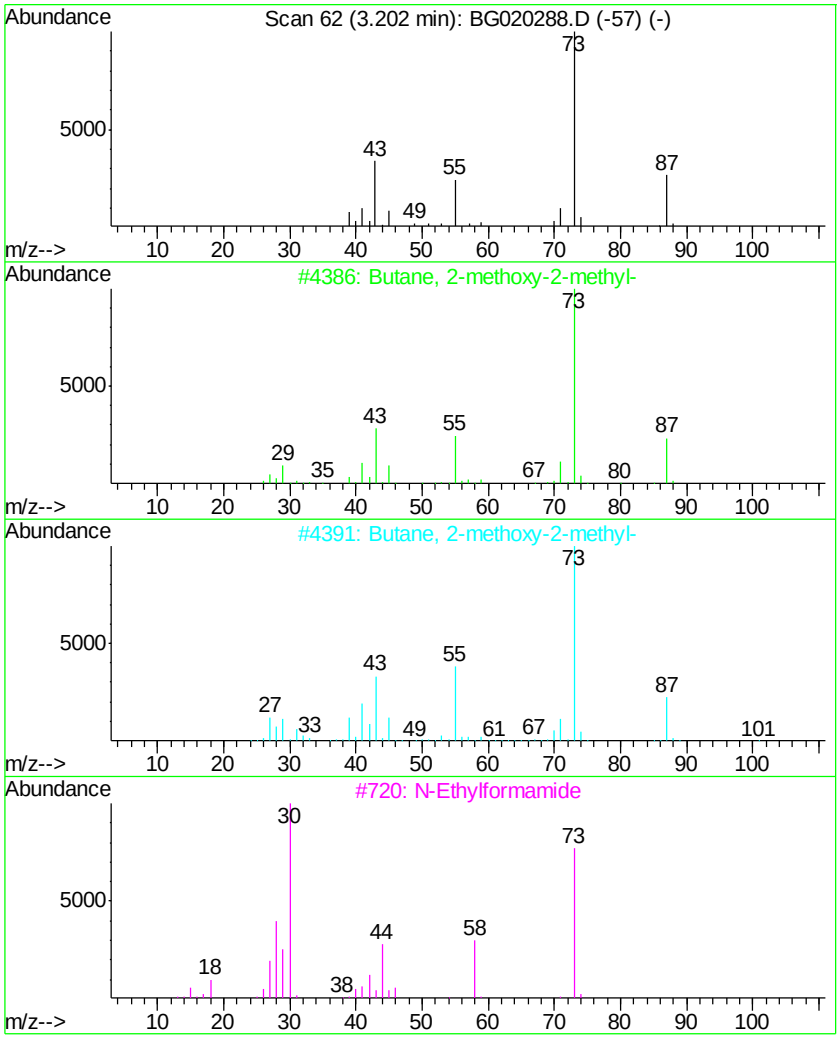
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

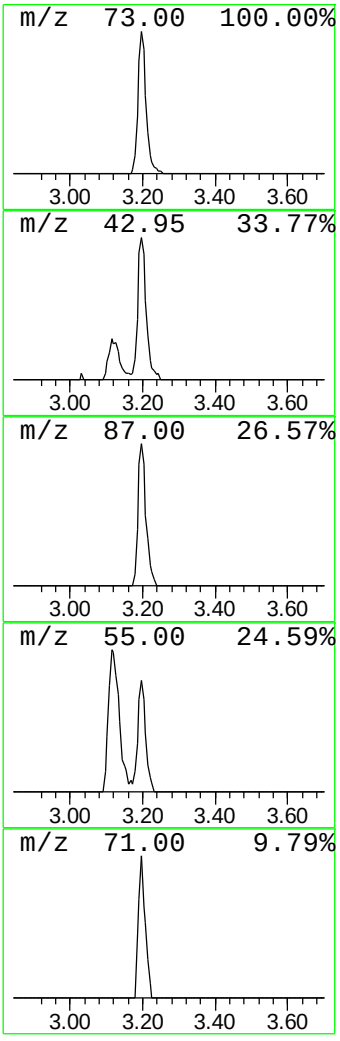
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	10.85 ng/ul	50905	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

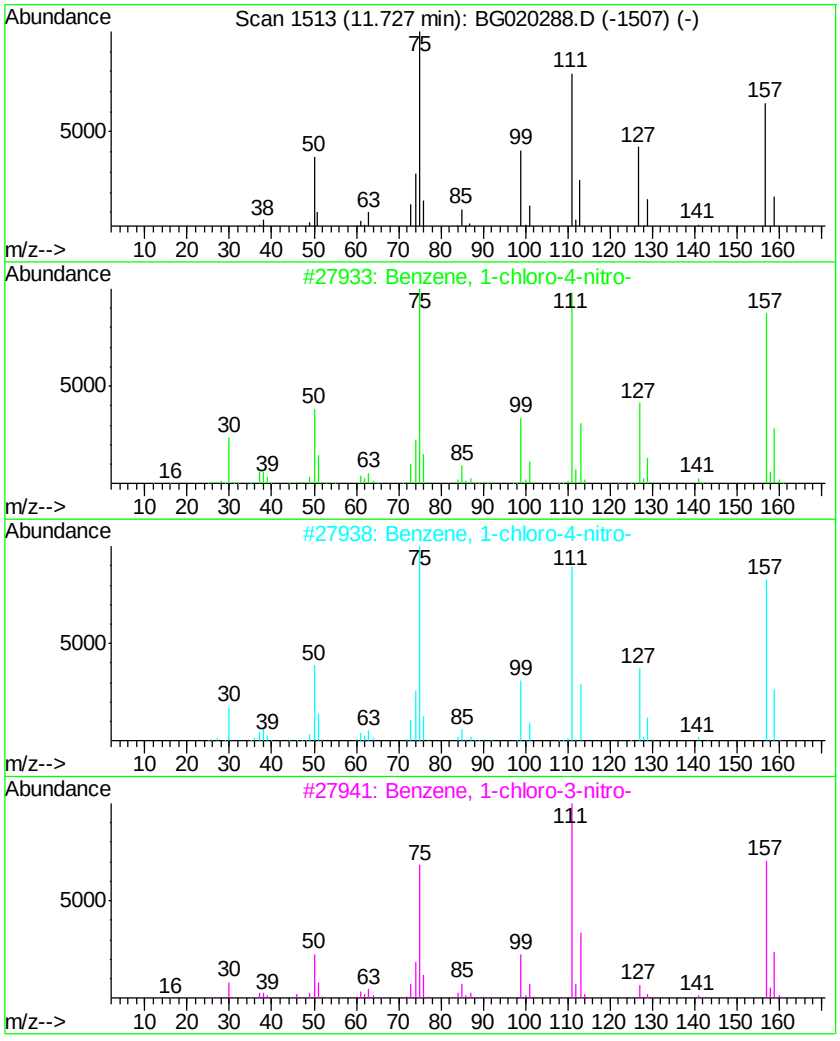
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

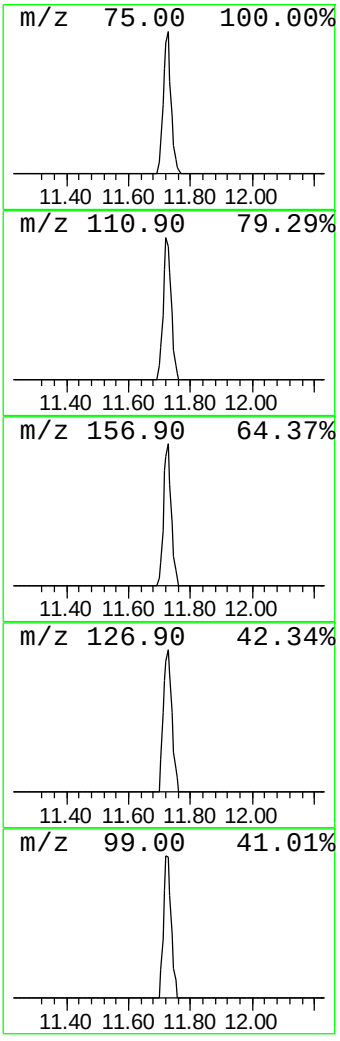
****

Peak Number 3 Benzene, 1-chloro-4-nitro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.01 ng/ul	53136	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	96
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	89
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	89
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

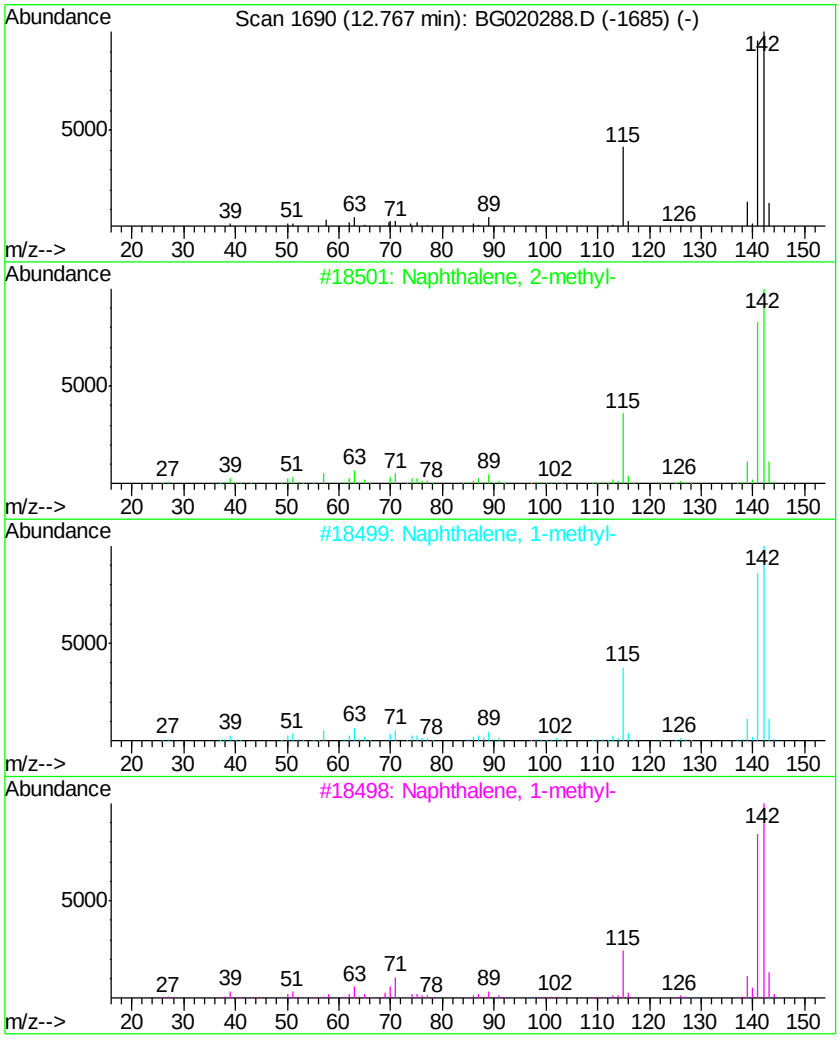
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

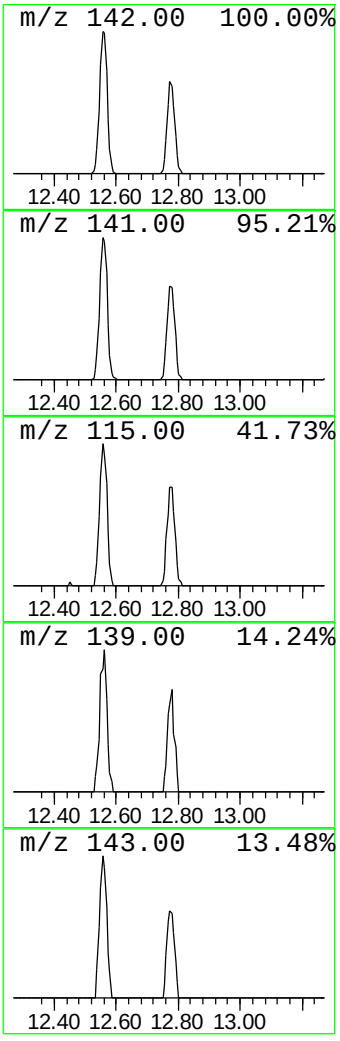
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	8.76 ng/ul	66362	Naphthalene-d8	10.91

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	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

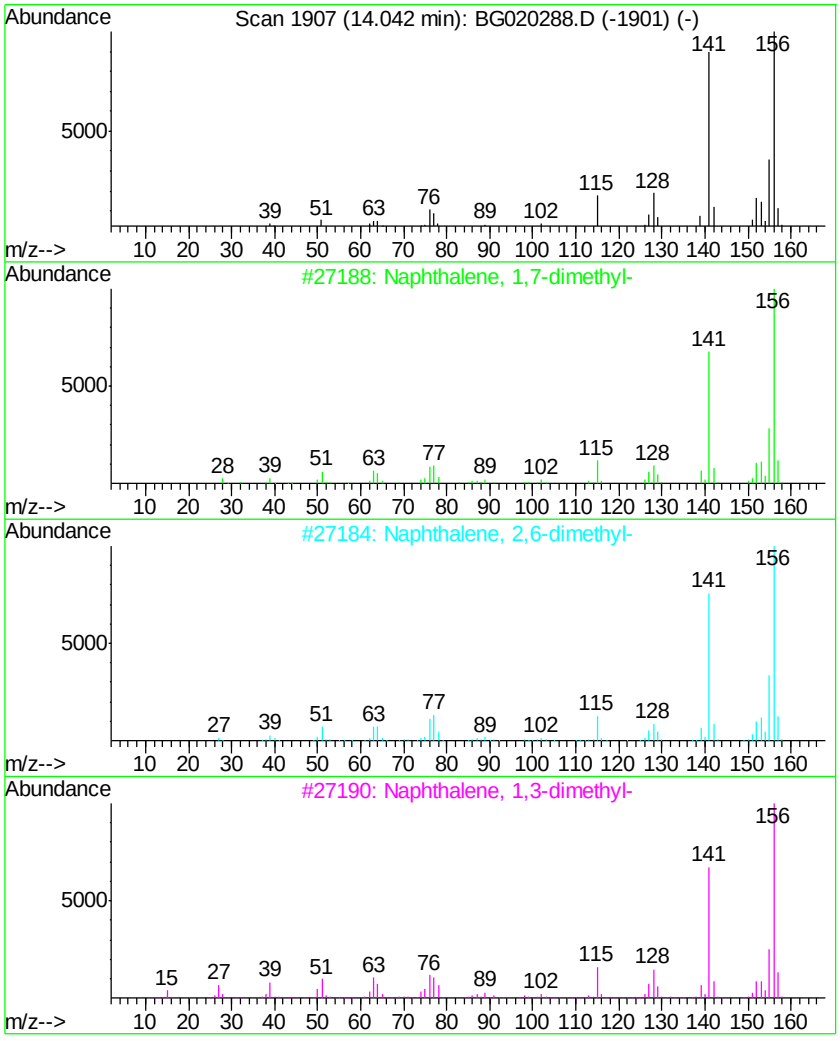
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

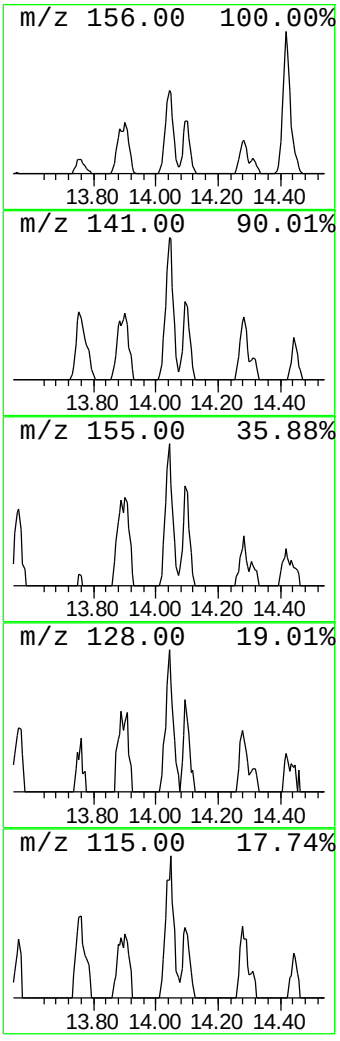
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.12 ng/ul	51996	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

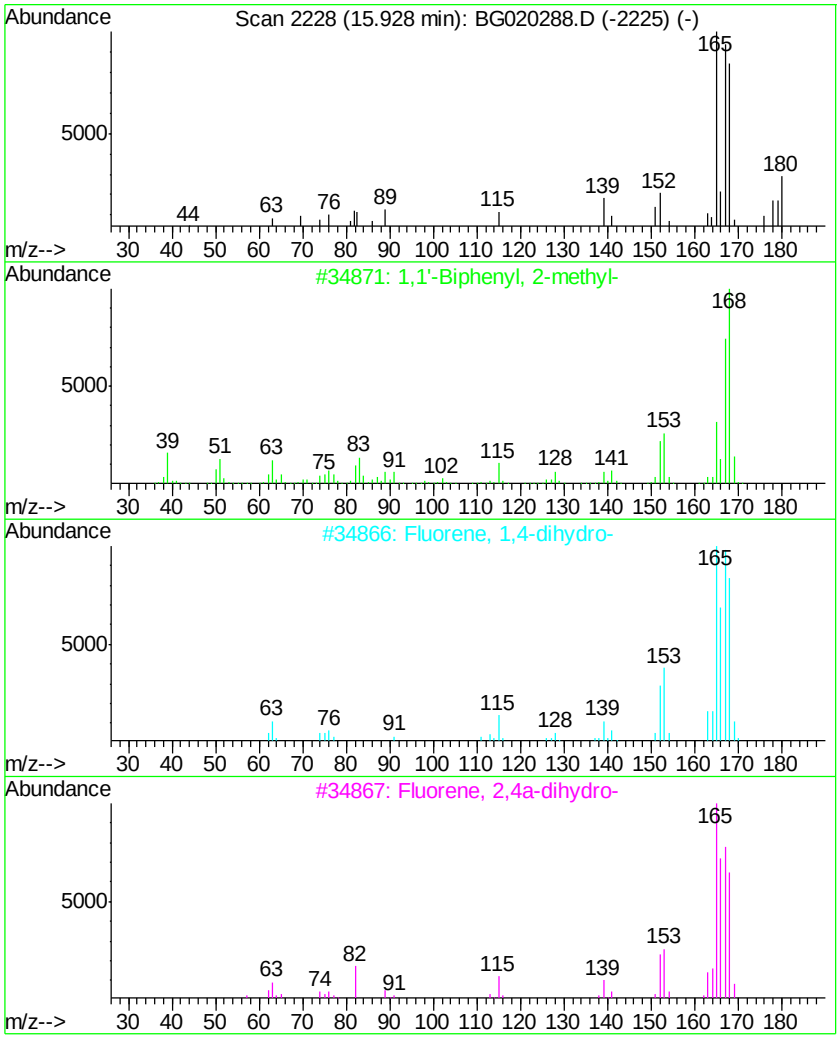
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

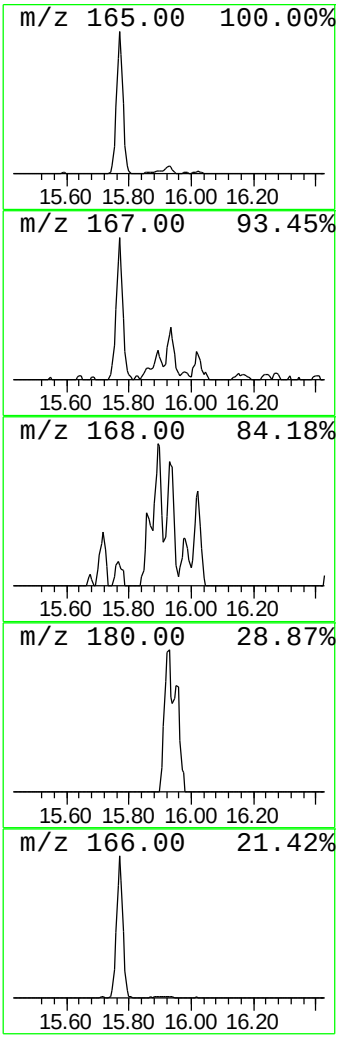
****

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.59 ng/ul	32625	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	43
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	43
4	Nordiphenamid	225	C15H15NO	000954-21-2	42
5	Nordiphenamid	225	C15H15NO	000954-21-2	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

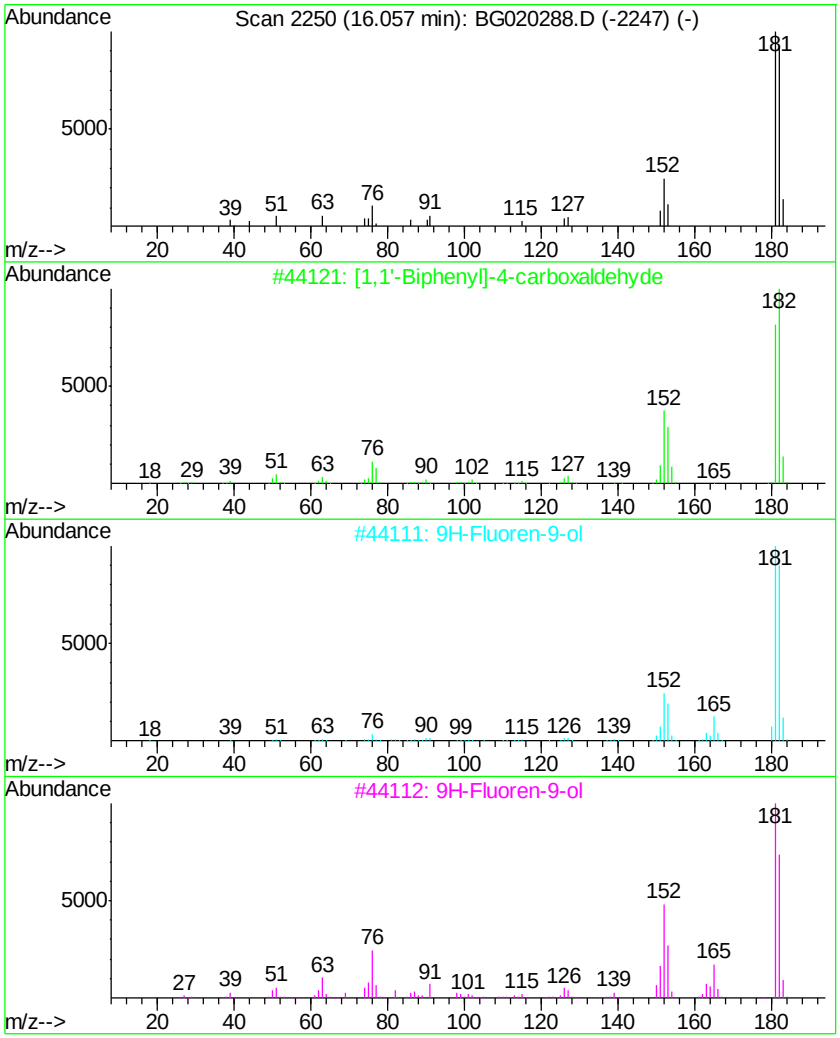
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

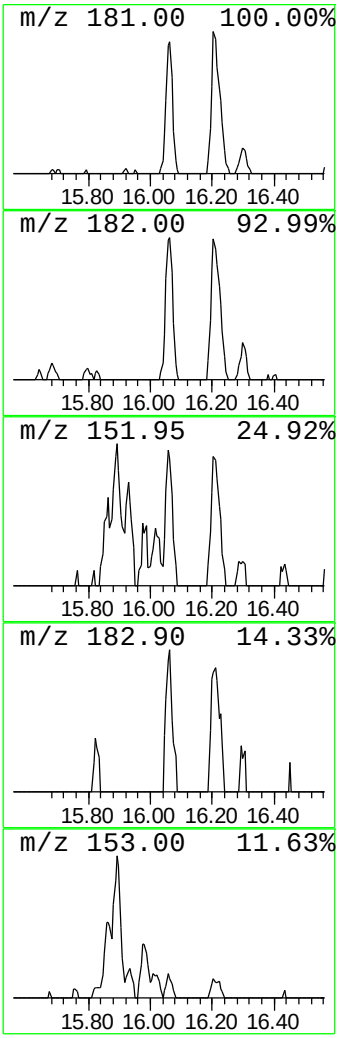
****

Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.02 ng/ul	25426	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72





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Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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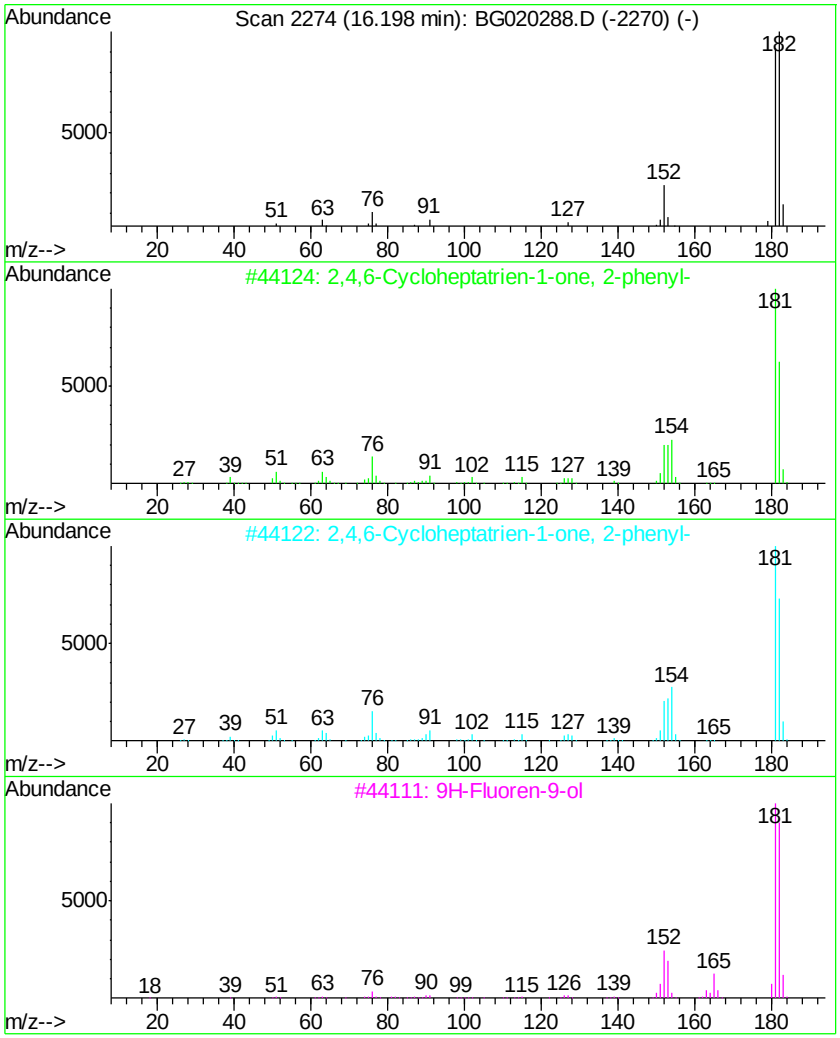
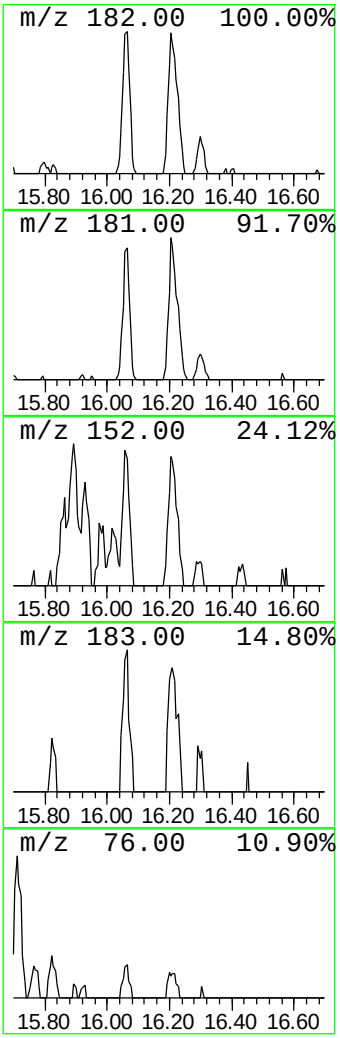
Peak Number 8 2,4,6-Cycloheptatrien-1-one... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.34 ng/ul	35339	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64





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Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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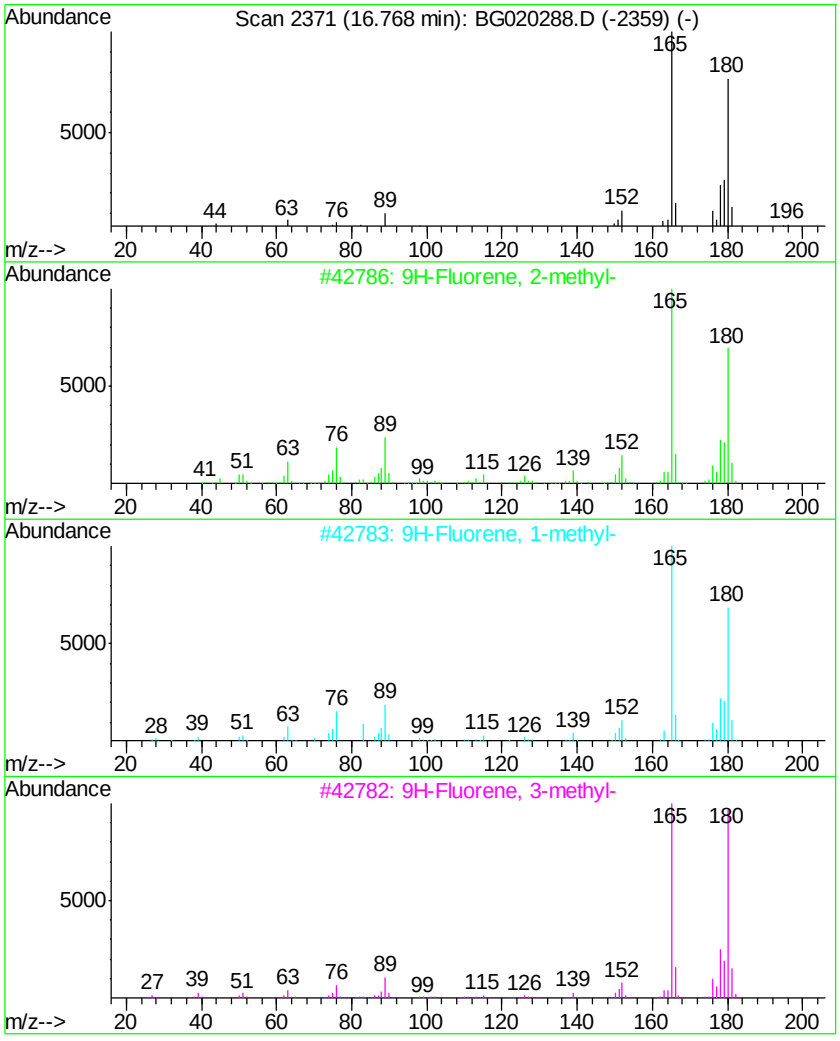
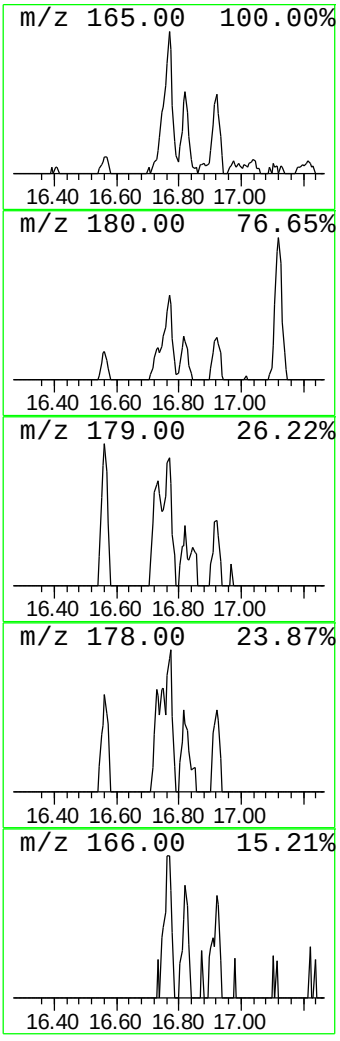
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.04 ng/ul	30893	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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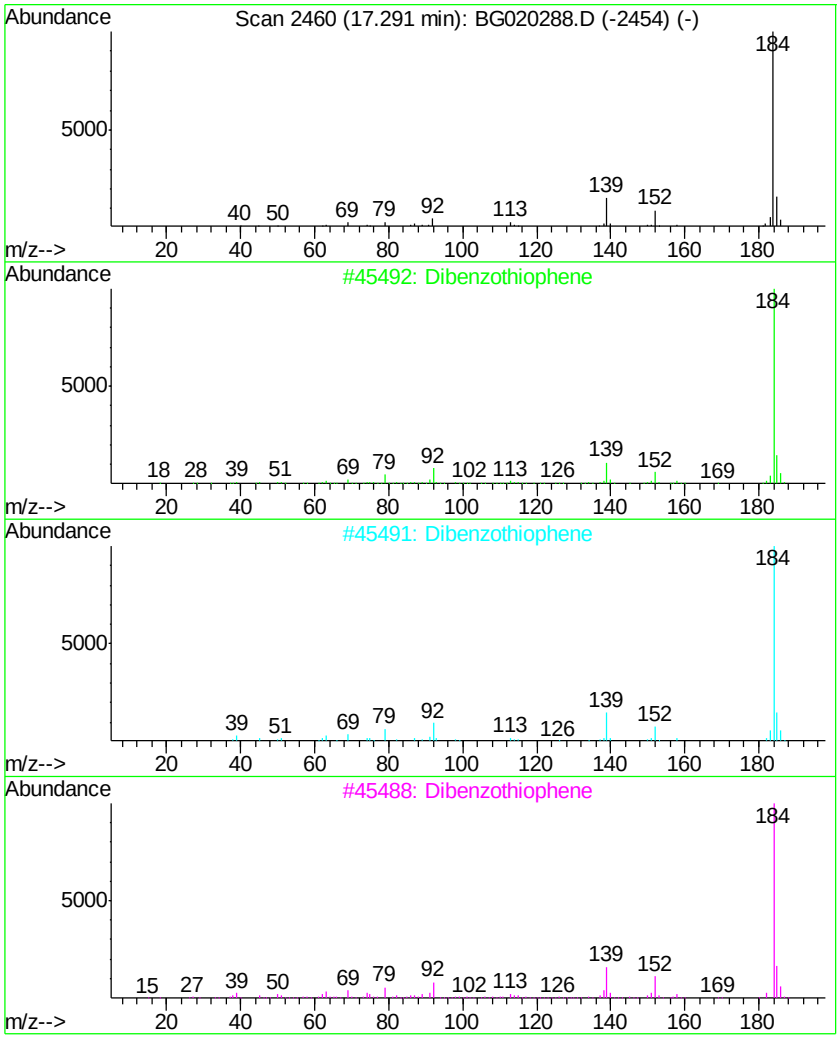
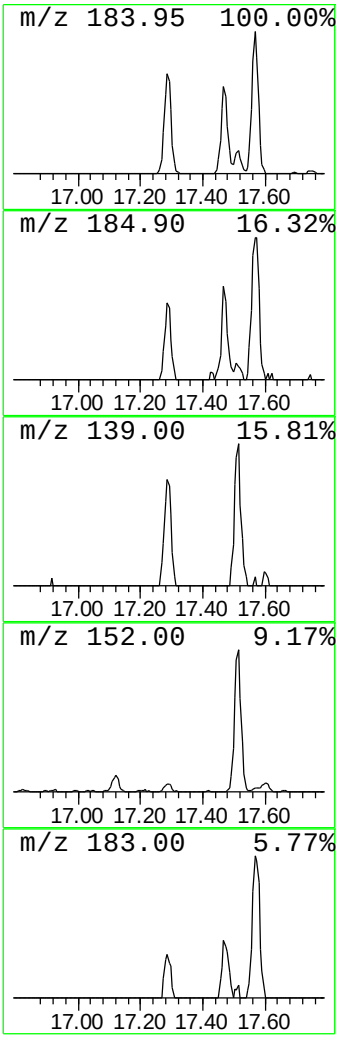
Peak Number 10 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.93 ng/ul	44312	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





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Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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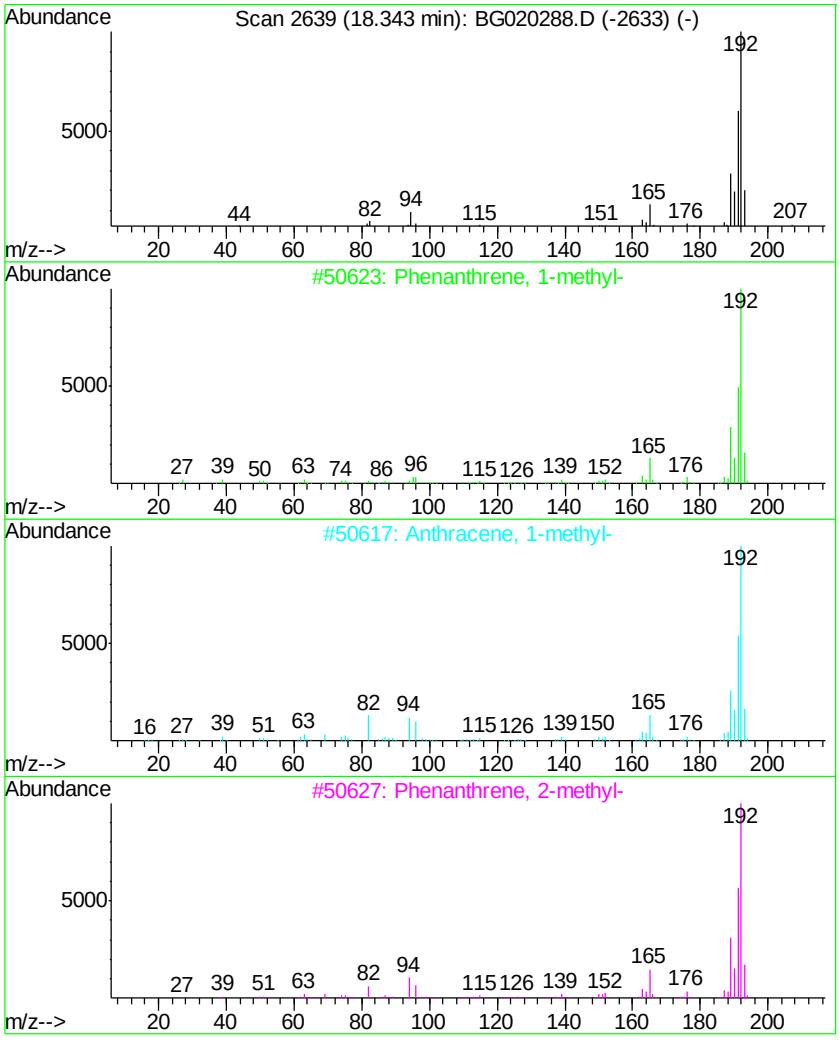
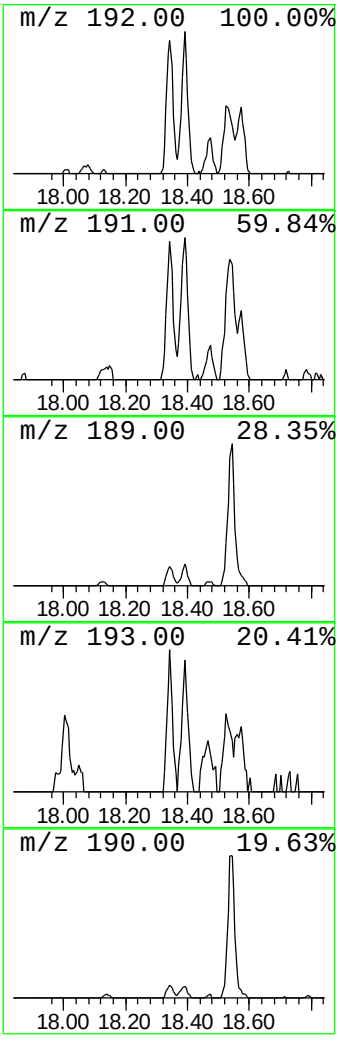
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.03 ng/ul	30678	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
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Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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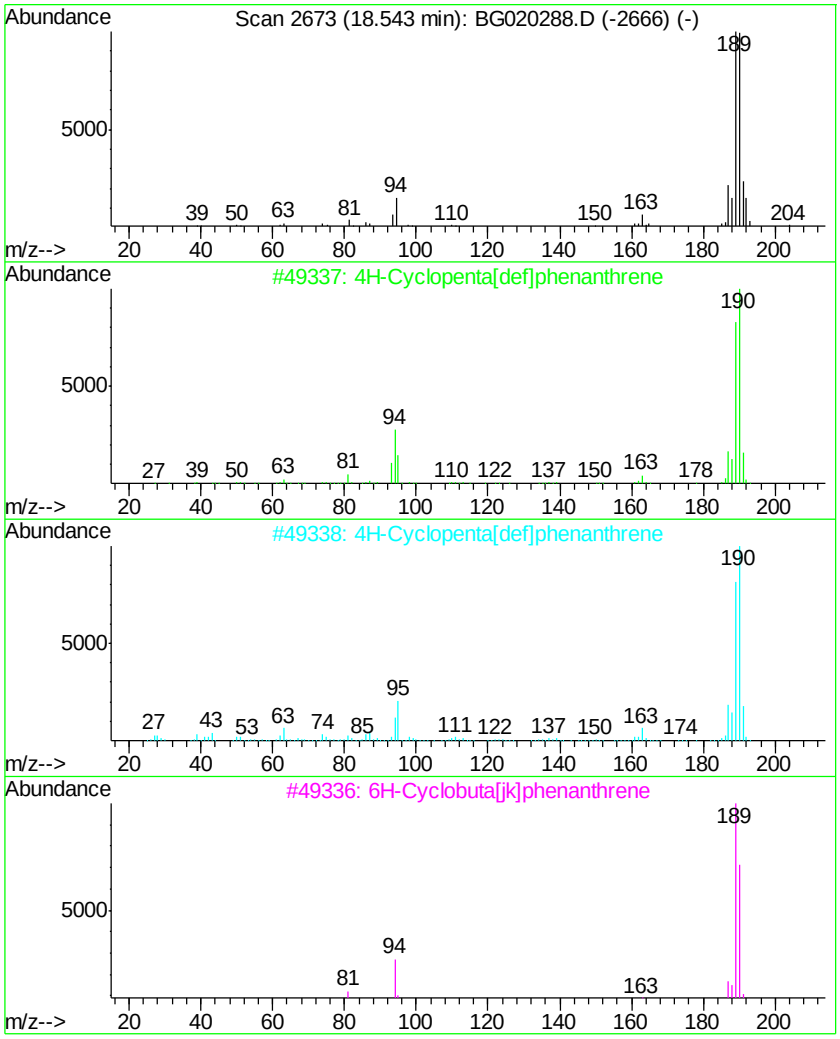
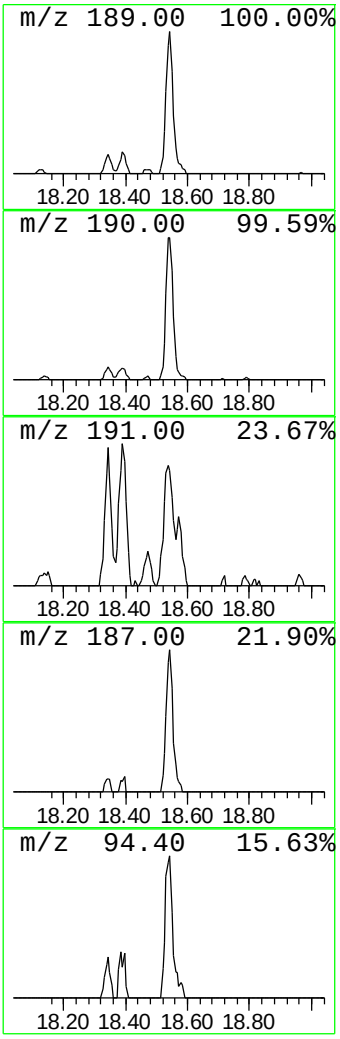
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	6.32 ng/ul	95462	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020288.D
Acq On : 18 Dec 2015 23:28
Operator : UM/SJ
Sample : G4768-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.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...	3.20	10.9	ng/ul	50905	1	8.09	93859	20.0
Benzene, 1-chloro...	11.73	7.0	ng/ul	53136	2	10.91	151550	20.0
Naphthalene, 1-me...	12.77	8.8	ng/ul	66362	2	10.91	151550	20.0
Naphthalene, 1,7-...	14.04	4.1	ng/ul	51996	3	14.72	252318	20.0
unknown-01	15.93	2.6	ng/ul	32625	3	14.72	252318	20.0
[1,1'-Biphenyl]-4...	16.06	2.0	ng/ul	25426	3	14.72	252318	20.0
2,4,6-Cycloheptat...	16.20	2.3	ng/ul	35339	4	17.47	302303	20.0
9H-Fluorene, 2-me...	16.77	2.0	ng/ul	30893	4	17.47	302303	20.0
Dibenzothiophene	17.29	2.9	ng/ul	44312	4	17.47	302303	20.0
Phenanthrene, 1-m...	18.34	2.0	ng/ul	30678	4	17.47	302303	20.0
4H-Cyclopenta[def...	18.54	6.3	ng/ul	95462	4	17.47	302303	20.0