LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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	3.119	43	48	58	rVV	10017	19809	1.54%	0.222%
2	7.244	745	750	757	rVB2	6286	9282	0.72%	0.104%
3	7.414	772	779	787	rBV2	4935	9205	0.72%	0.103%
4	7.626	809	815	821	rVB	5422	8567	0.67%	0.096%
5	8.096	889	895	904	rVB	55783	93713	7.29%	1.049%
6	8.636	980	987	996	rBB	14322	24160	1.88%	0.271%
7	8.795	1009	1014	1020	rBB2	7665	11487	0.89%	0.129%
8	9.259	1088	1093	1100	rBV2	5966	10314	0.80%	0.115%
9	10.528	1304	1309	1314	rBB2	8238	13118	1.02%	0.147%
10	10.910	1367	1374	1378	rBV	79116	145467	11.31%	1.629%
11	10.963	1378	1383	1391	rVV	292187	505924	39.35%	5.665%
12	11.045	1391	1397	1399	rVV2	6717	10378	0.81%	0.116%
13	11.081	1399	1403	1410	rVB	8487	14110	1.10%	0.158%
14	11.739	1509	1515	1524	rBB	19997	36012	2.80%	0.403%
15	12.561	1648	1655	1664	rBB	137036	216331	16.82%	2.422%
16	12.779	1681	1692	1702	rBB	63530	109082	8.48%	1.221%
17	13.272	1771	1776	1783	rBB	7304	11208	0.87%	0.125%
18	13.560	1819	1825	1830	rVV	48056	71783	5.58%	0.804%
19	13.754	1853	1858	1868	rVB	13760	21530	1.67%	0.241%
20	14.048	1900	1908	1913	rBV2	26117	44841	3.49%	0.502%
21	14.106	1913	1918	1919	rVV2	18264	29551	2.30%	0.331%
22	14.124	1919	1921	1925	rVV	22348	24605	1.91%	0.275%
23	14.165	1925	1928	1938	rVB	9635	13959	1.09%	0.156%
24	14.283	1943	1948	1952	rBV2	9951	16071	1.25%	0.180%
25	14.424	1966	1972	1974	rBV	17524	31041	2.41%	0.348%
26	14.729	2012	2024	2029	rBV3	138765	252143	19.61%	2.823%
27	14.788	2029	2034	2041	rVV	263120	415595	32.32%	4.653%
28	14.853	2041	2045	2050	rVB	14301	20518	1.60%	0.230%
29	14.917	2050	2056	2065	rBV4	7971	14748	1.15%	0.165%
30	15.035	2072	2076	2080	rVB	6880	9601	0.75%	0.107%
31	15.123	2085	2091	2099	rVV	187689	289147	22.49%	3.237%
32	15.188	2099	2102	2111	rVB3	5557	8677	0.67%	0.097%
33	15.716	2188	2192	2196	rVV	23740	34001	2.64%	0.381%
34	15.769	2196	2201	2208	rVV	255298	379805	29.54%	4.253%

LSC Area Percent Report

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Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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	15.863	2213	2217	2219	rVV3	9245	12438	0.97%	0.139%
36	15.893	2219	2222	2225	rVV2	15173	22433	1.74%	0.251%
37	15.928	2225	2228	2233	rVV	26993	41075	3.19%	0.460%
38	15.981	2233	2237	2240	rVV2	6334	10436	0.81%	0.117%
39	16.022	2240	2244	2247	rVV	13915	21188	1.65%	0.237%
40	16.063	2247	2251	2257	rVB	31053	43722	3.40%	0.490%
41	16.204	2267	2275	2284	rVV	32904	69162	5.38%	0.774%
42	16.562	2331	2336	2342	rVB3	13263	20334	1.58%	0.228%
43	16.774	2365	2372	2376	rVV2	20760	39511	3.07%	0.442%
44	16.821	2376	2380	2385	rVV3	7575	12165	0.95%	0.136%
45	16.921	2392	2397	2402	rVB2	9274	14264	1.11%	0.160%
46	16.997	2402	2410	2413	rBV3	6523	14997	1.17%	0.168%
47	17.038	2413	2417	2421	rVV3	6739	9732	0.76%	0.109%
48	17.197	2438	2444	2451	rBV5	8950	22920	1.78%	0.257%
49	17.291	2455	2460	2467	rVB	56017	83811	6.52%	0.938%
50	17.473	2484	2491	2494	rBV2	208006	337593	26.26%	3.780%
51	17.514	2494	2498	2504	rVV	890210	1285822	100.00%	14.397%
52	17.567	2504	2507	2510	rVV	46009	69150	5.38%	0.774%
53	17.602	2510	2513	2518	rVB	80539	110533	8.60%	1.238%
54	17.867	2547	2558	2568	rBV2	82433	149652	11.64%	1.676%
55	17.984	2575	2578	2582	rVV3	10419	14347	1.12%	0.161%
56	18.343	2634	2639	2643	rBV	45805	63014	4.90%	0.706%
57	18.390	2643	2647	2654	rVB2	70012	100340	7.80%	1.123%
58	18.472	2654	2661	2666	rBV2	22128	33783	2.63%	0.378%
59	18.542	2666	2673	2677	rBV2	95190	158880	12.36%	1.779%
60	18.772	2709	2712	2717	rVB2	5402	8209	0.64%	0.092%
61	18.836	2717	2723	2728	rBV	40901	56491	4.39%	0.633%
62	19.083	2760	2765	2769	rBV4	7792	10606	0.82%	0.119%
63	19.247	2787	2793	2799	rBV3	11119	21726	1.69%	0.243%
64	19.318	2799	2805	2808	rBV6	6631	10875	0.85%	0.122%
65	19.518	2833	2839	2845	rVV	503851	698502	54.32%	7.821%
66	19.612	2852	2855	2859	rVV2	8735	10960	0.85%	0.123%
67	19.759	2874	2880	2885	rVV2	12590	22046	1.71%	0.247%
68	19.847	2889	2895	2897	rVV2	111587	171898	13.37%	1.925%
69	19.882	2897	2901	2908	rVV	306226	458895	35.69%	5.138%
70	19.947	2908	2912	2918	rVB3	13414	21203	1.65%	0.237%
71	20.052	2923	2930	2936	rVB	15870	22697	1.77%	0.254%

LSC Area Percent Report

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Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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	20.111	2936	2940	2945	rBV	8498	11716	0.91%	0.131%
73	20.193	2948	2954	2960	rBV4	15078	34844	2.71%	0.390%
74	20.252	2960	2964	2968	rVB	10866	15249	1.19%	0.171%
75	20.334	2970	2978	2979	rVV4	8129	15243	1.19%	0.171%
76	20.364	2979	2983	2989	rVB	52502	73240	5.70%	0.820%
77	20.464	2993	3000	3004	rBV	57622	79082	6.15%	0.885%
78	20.522	3004	3010	3014	rVV3	14730	31988	2.49%	0.358%
79	20.564	3014	3017	3021	rVV	9728	13555	1.05%	0.152%
80	20.599	3021	3023	3029	rVB5	5051	8081	0.63%	0.090%
81	20.663	3029	3034	3038	rBV	7639	11630	0.90%	0.130%
82	20.710	3038	3042	3045	rVV2	8475	12100	0.94%	0.135%
83	20.898	3069	3074	3078	rVV3	6509	9359	0.73%	0.105%
84	20.963	3080	3085	3089	rBV5	3814	7477	0.58%	0.084%
85	21.081	3101	3105	3111	rBV5	5375	11129	0.87%	0.125%
86	21.316	3141	3145	3149	rBV	12671	18000	1.40%	0.202%
87	21.363	3149	3153	3157	rVV	14098	19814	1.54%	0.222%
88	21.410	3157	3161	3166	rVV3	10280	19954	1.55%	0.223%
89	21.745	3207	3218	3223	rVV2	301715	618910	48.13%	6.930%
90	21.792	3223	3226	3236	rVB	56859	85231	6.63%	0.954%
91	21.944	3247	3252	3257	rVB2	12935	20054	1.56%	0.225%
92	22.156	3282	3288	3295	rVB4	8176	16114	1.25%	0.180%
93	22.479	3336	3343	3349	rBV5	4947	11672	0.91%	0.131%
94	22.802	3396	3398	3404	rVB6	4639	7756	0.60%	0.087%
95	23.977	3588	3598	3605	rBV	15312	50699	3.94%	0.568%
96	24.712	3717	3723	3728	rVB3	5523	10290	0.80%	0.115%
97	24.788	3728	3736	3742	rVV	18838	46940	3.65%	0.526%
98	24.859	3742	3748	3754	rVB2	9196	19792	1.54%	0.222%
99	25.011	3764	3774	3785	rBV	156664	440706	34.27%	4.934%
100	26.169	3964	3971	3975	rBV8	4234	9498	0.74%	0.106%

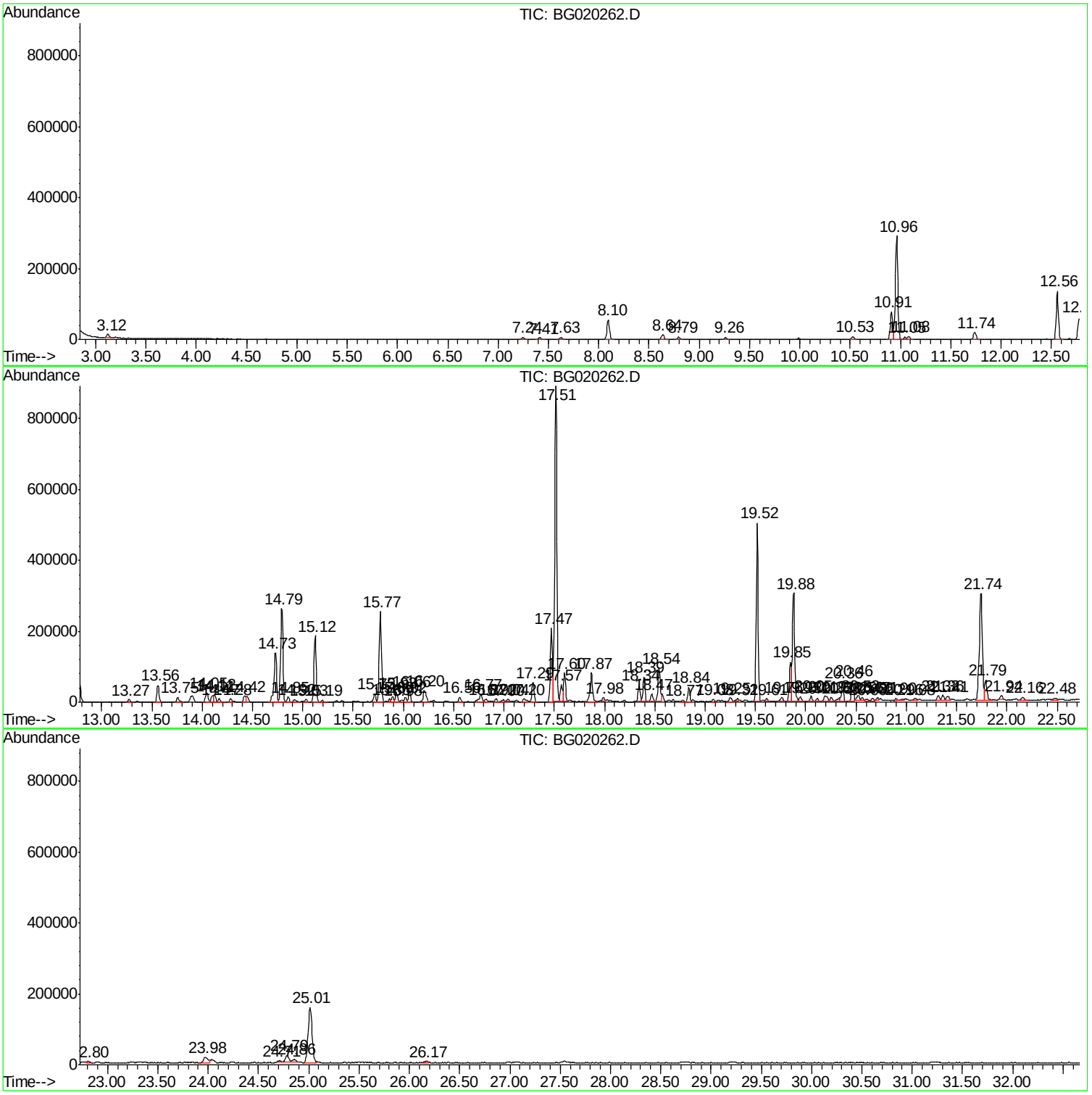
Sum of corrected areas: 8931316

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N42DL

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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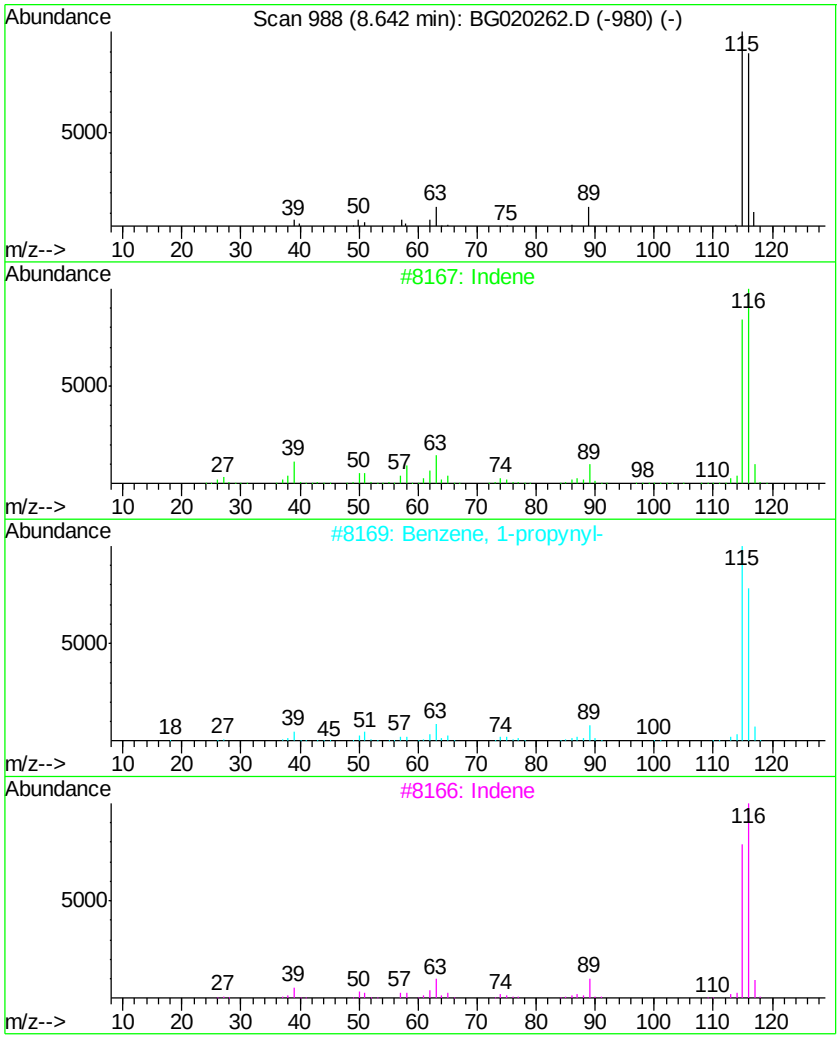
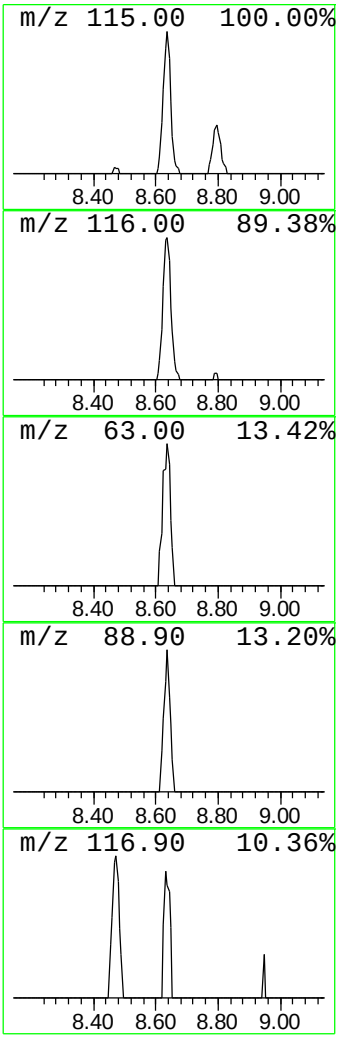
Peak Number 2 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	5.16 ng/ul	24160	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Indene	116	C9H8	000095-13-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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

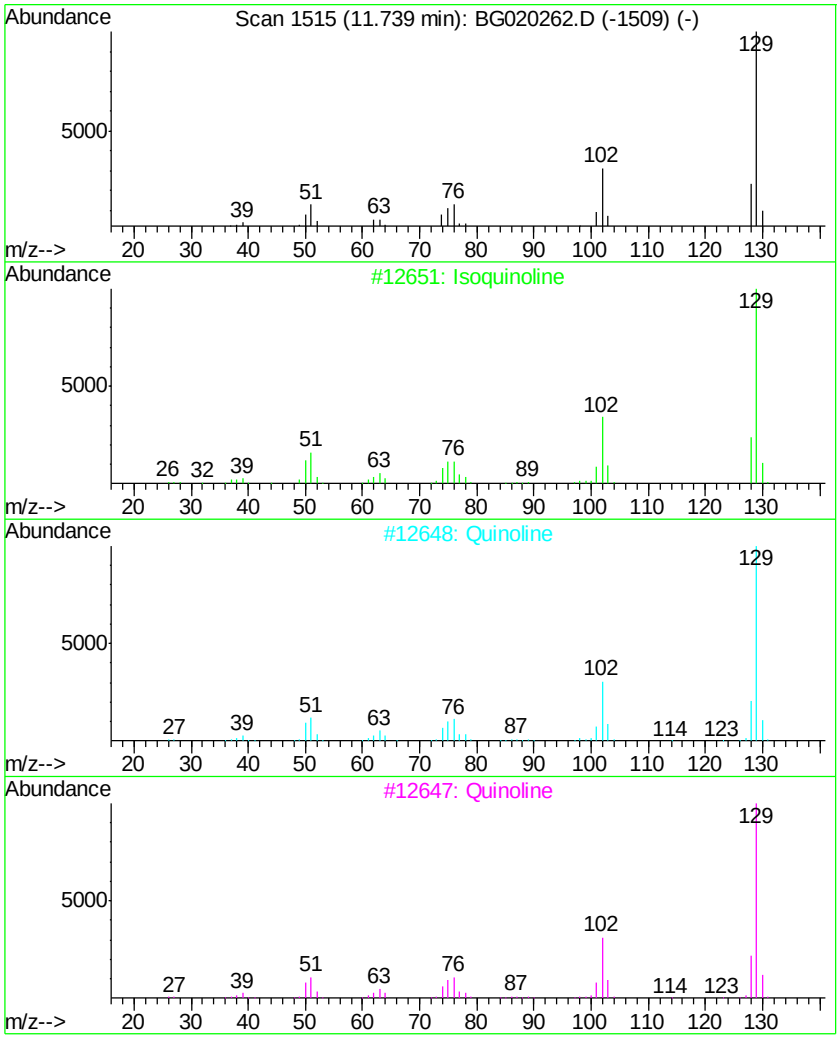
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

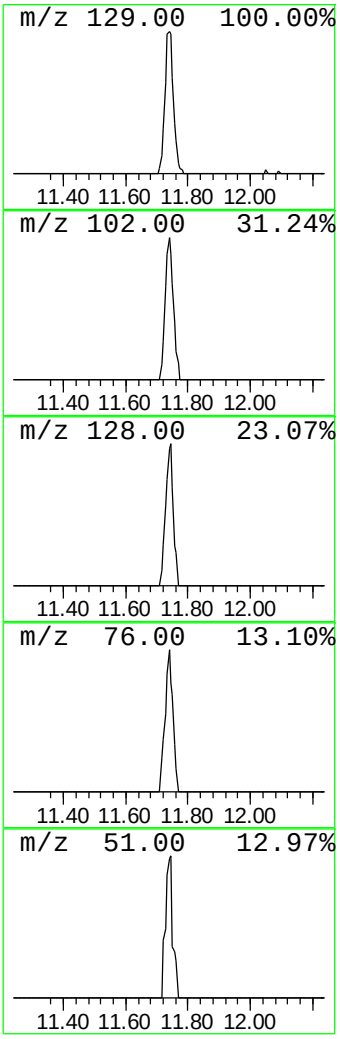
****

Peak Number 3 Isoquinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	4.95 ng/ul	36012	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	97
2	Quinoline	129	C9H7N	000091-22-5	95
3	Quinoline	129	C9H7N	000091-22-5	94
4	Quinoline	129	C9H7N	000091-22-5	94
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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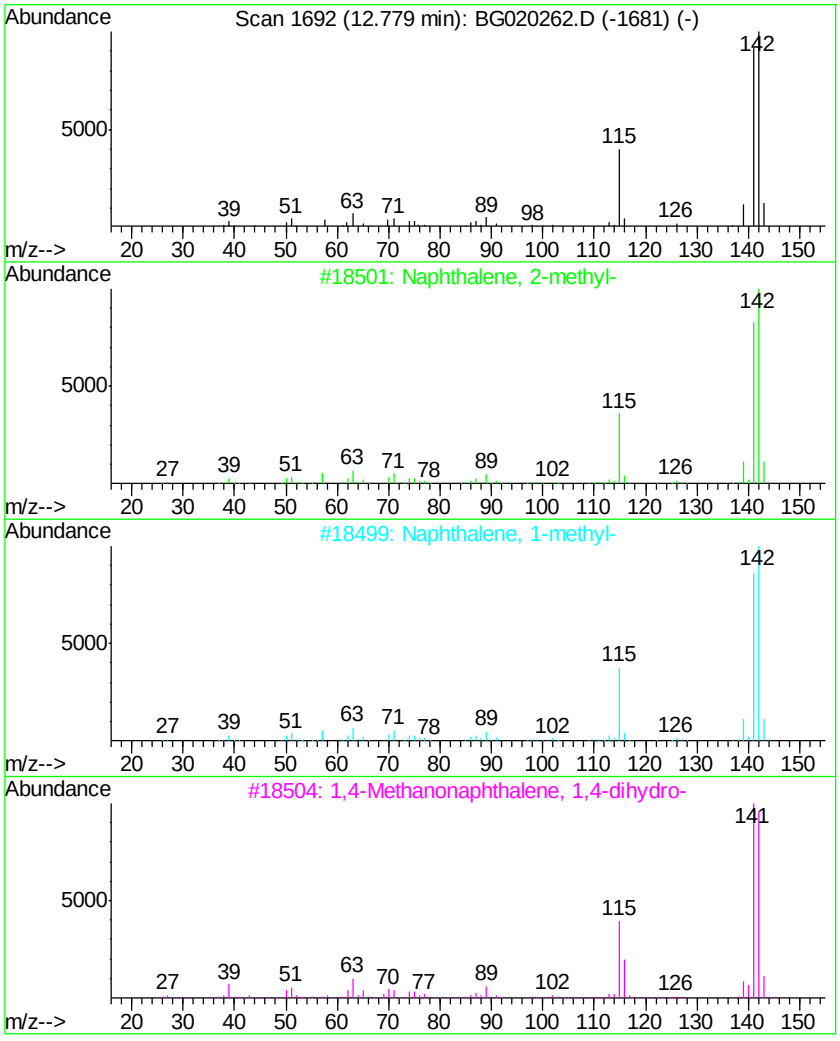
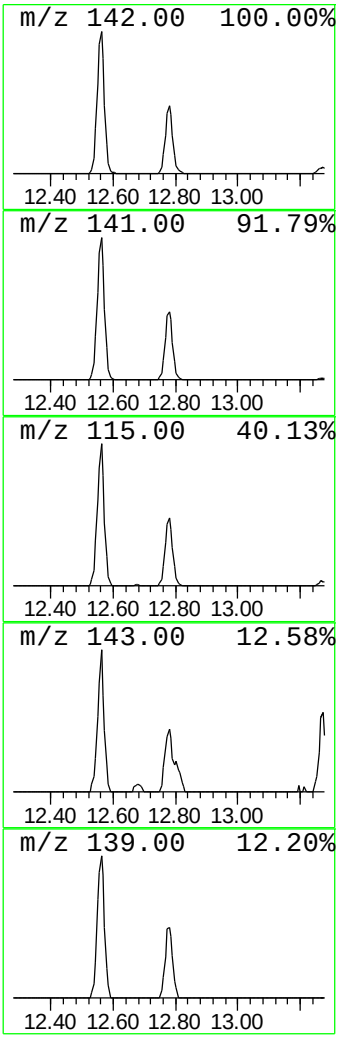
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	15.00 ng/ul	109082	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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

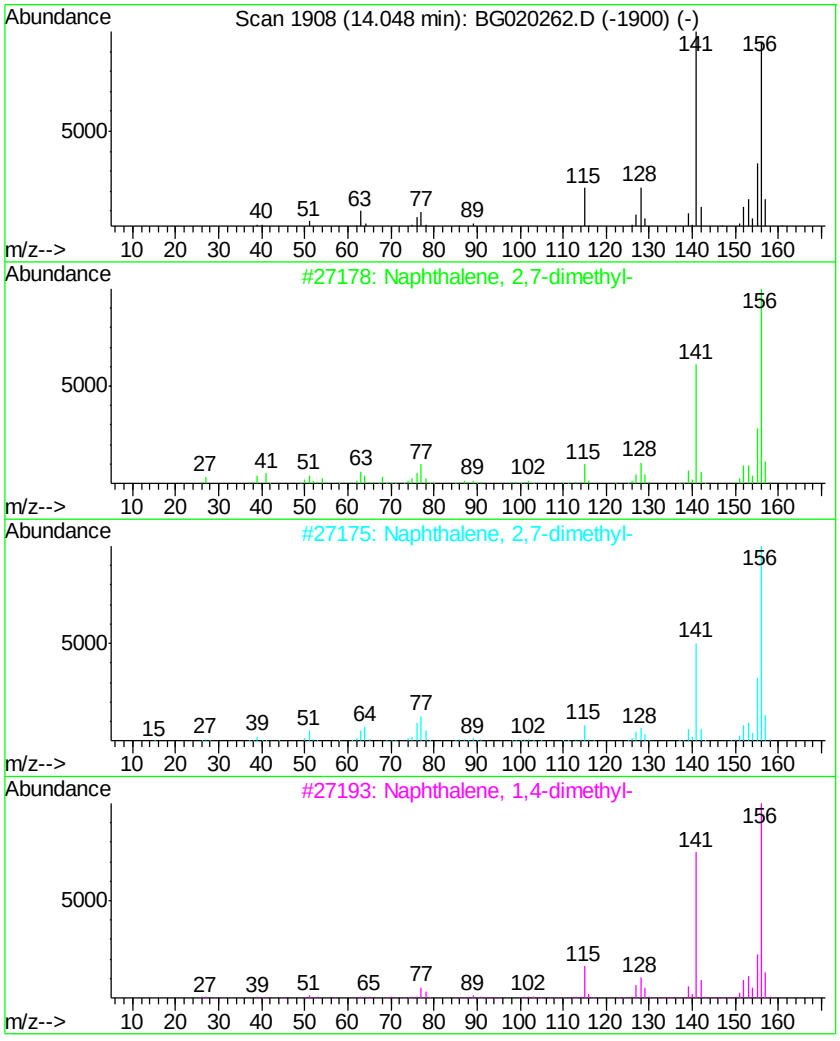
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

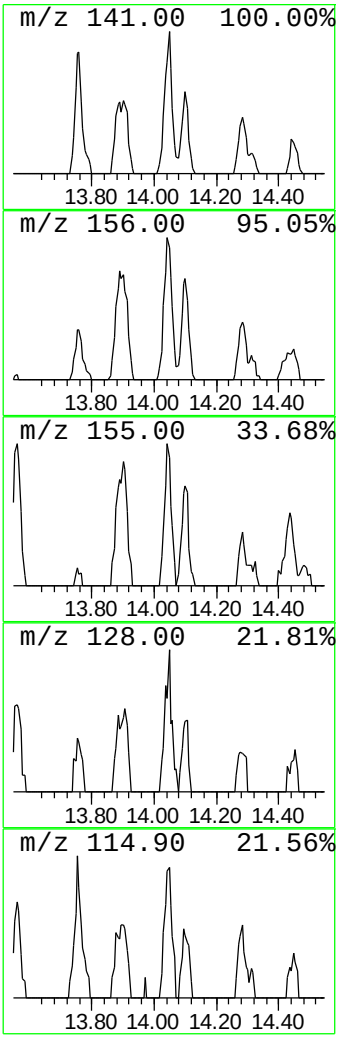
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	3.56 ng/ul	44841	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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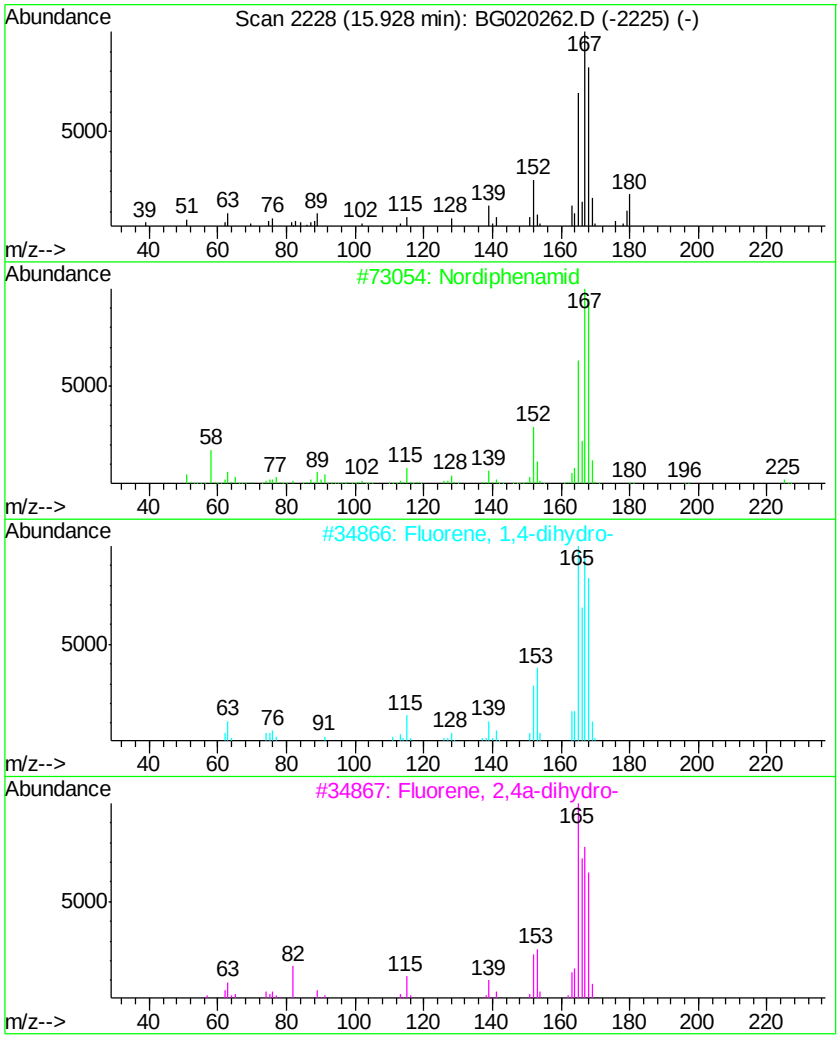
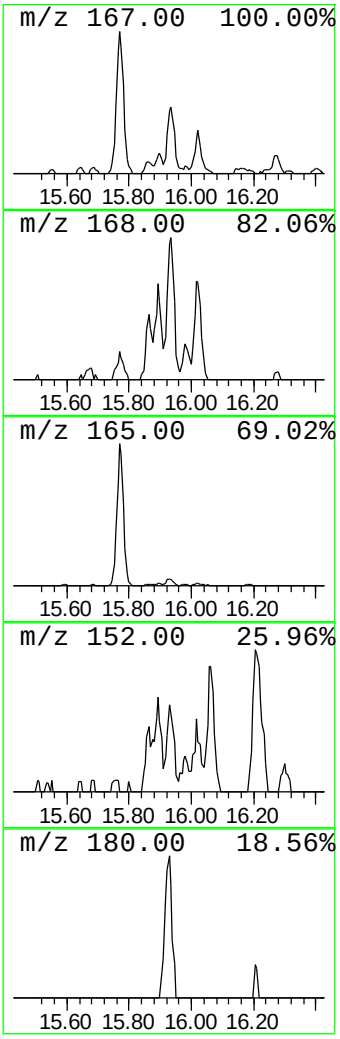
Peak Number 6 Nordiphenamid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	3.26 ng/ul	41075	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	70
3	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	70
4	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	64
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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

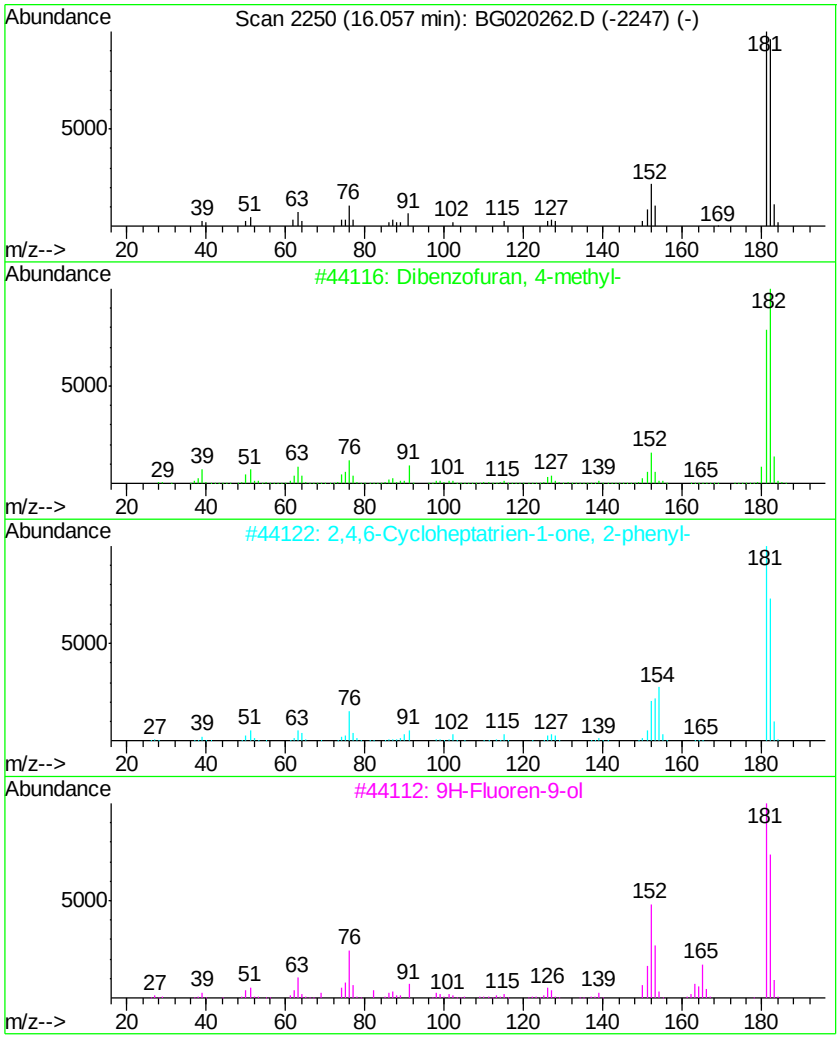
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

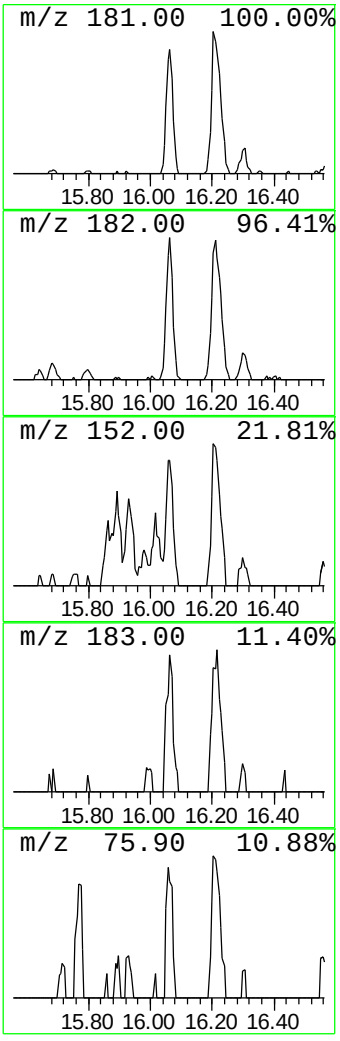
****

Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.47 ng/ul	43722	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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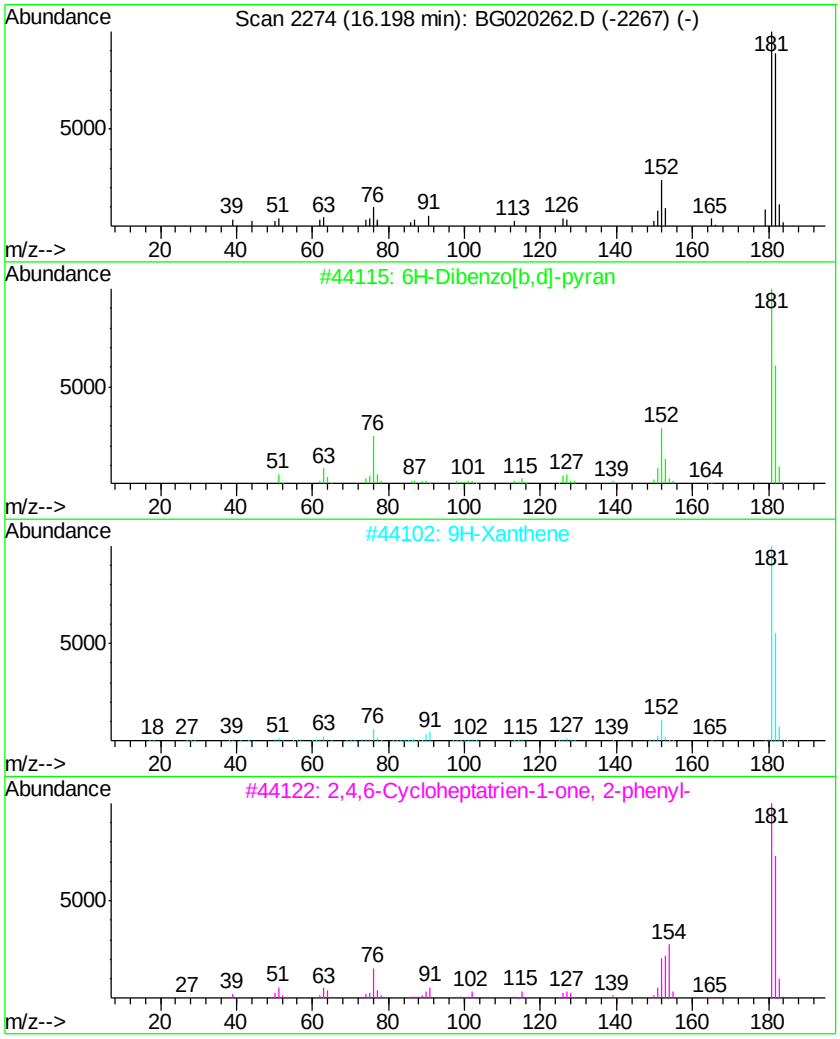
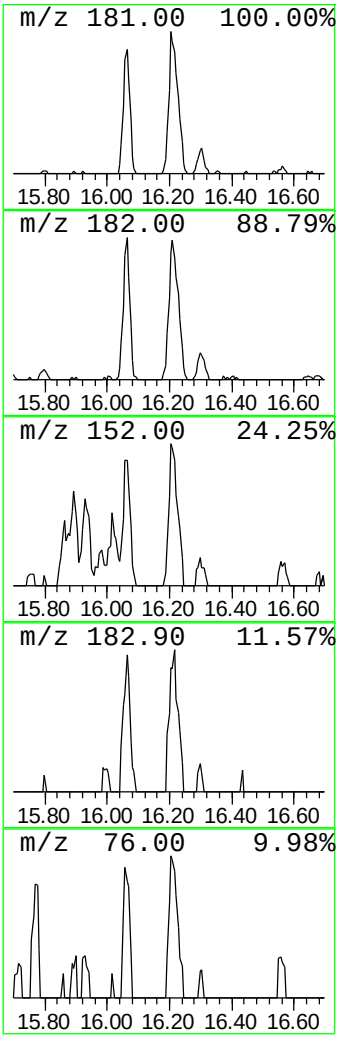
Peak Number 8 6H-Dibenzo[b,d]-pyran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	4.10 ng/ul	69162	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	9H-Xanthene	182	C13H10O	000092-83-1	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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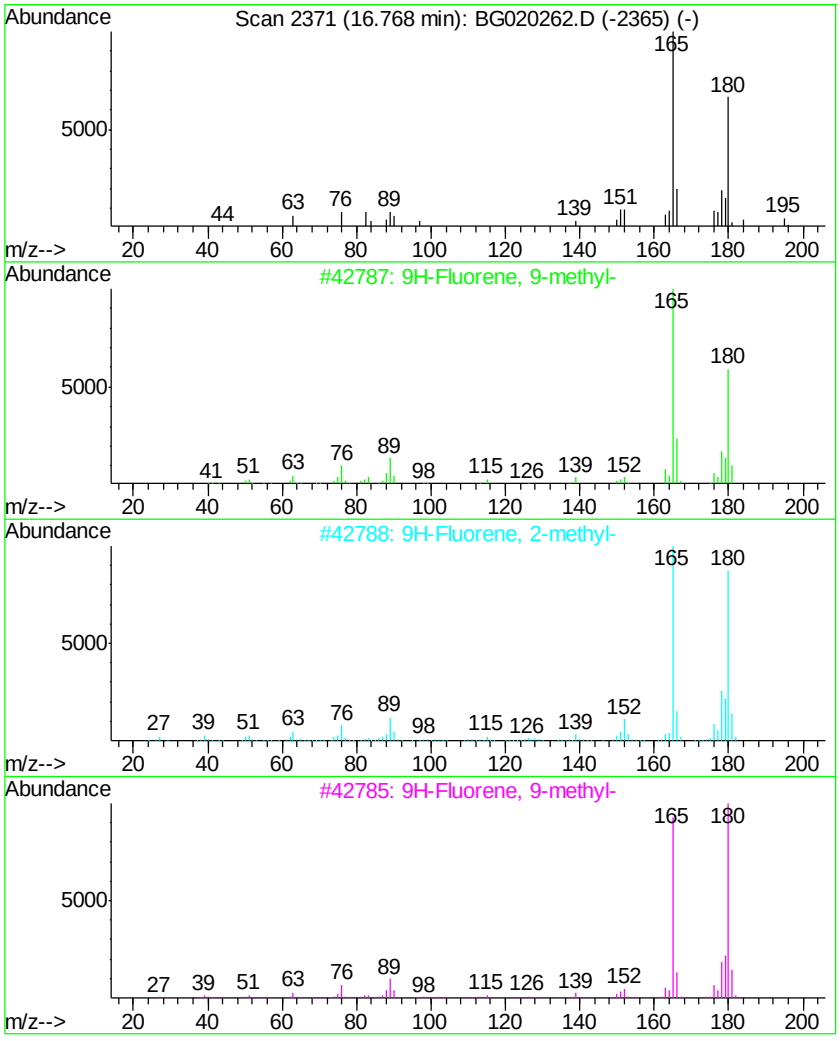
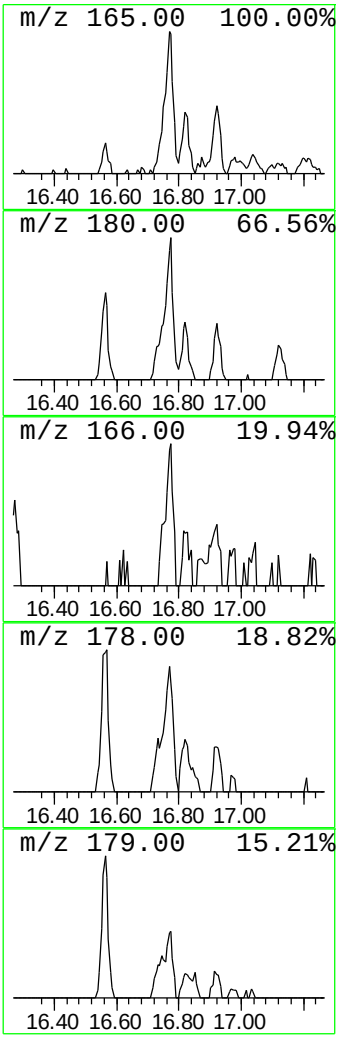
Peak Number 9 9H-Fluorene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.34 ng/ul	39511	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





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Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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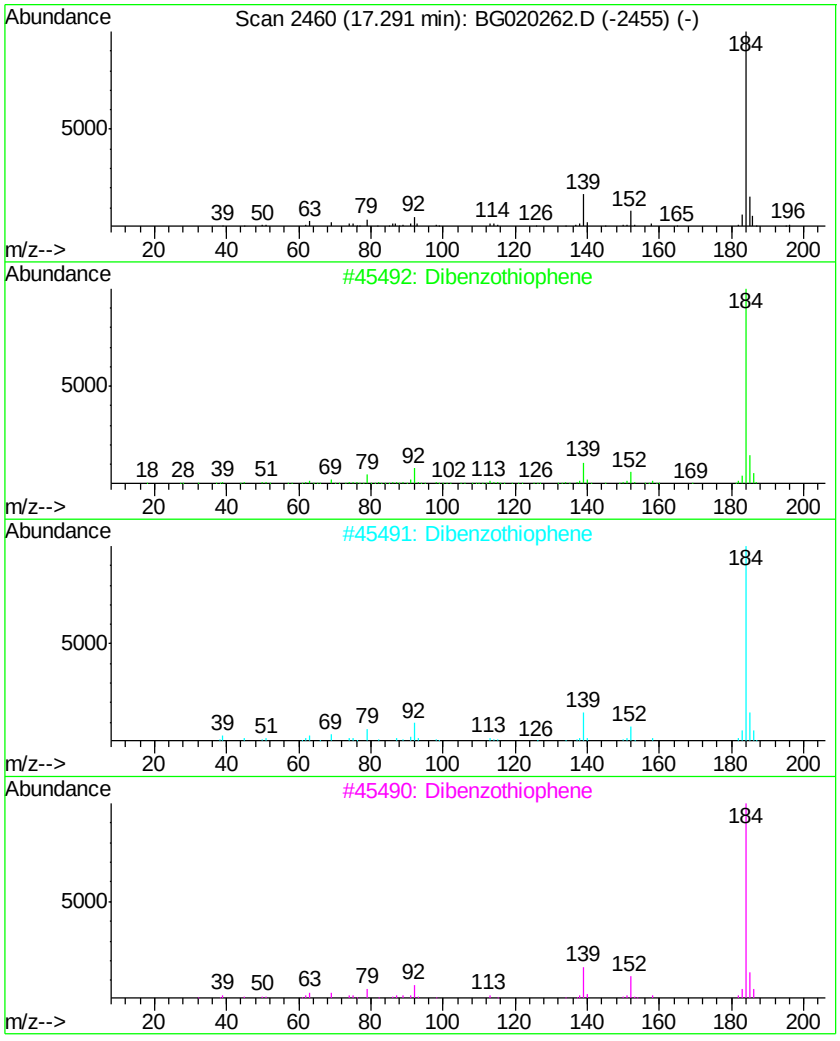
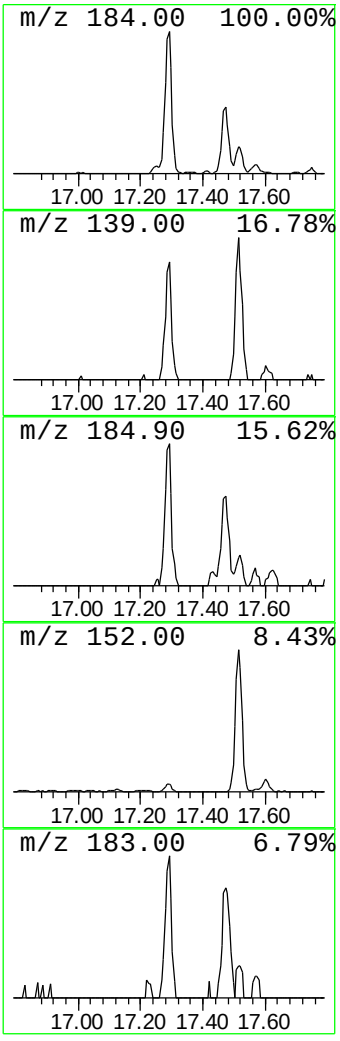
Peak Number 10 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	4.97 ng/ul	83811	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Dibenzothiophene	184	C12H8S	000132-65-0	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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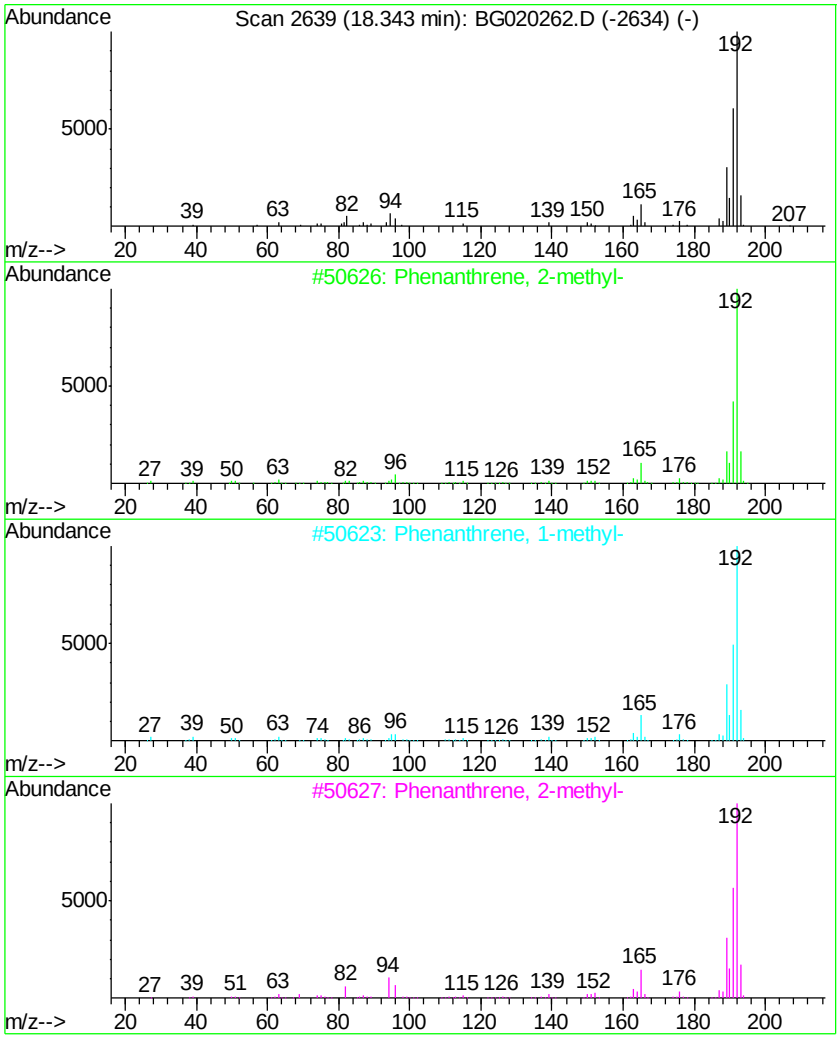
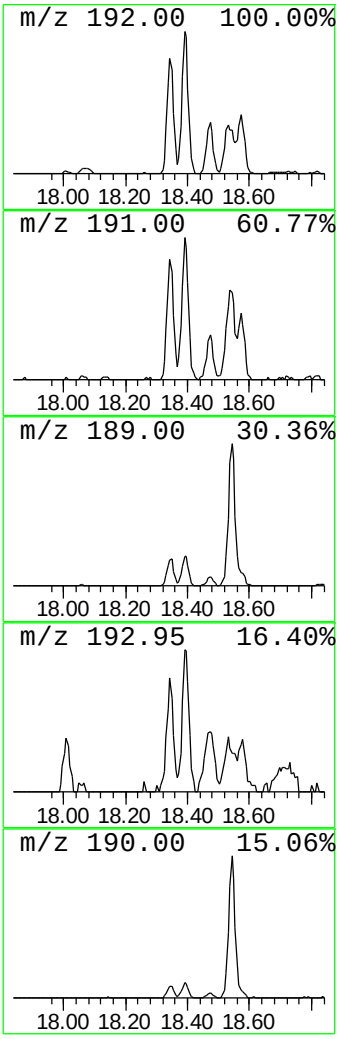
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.73 ng/ul	63014	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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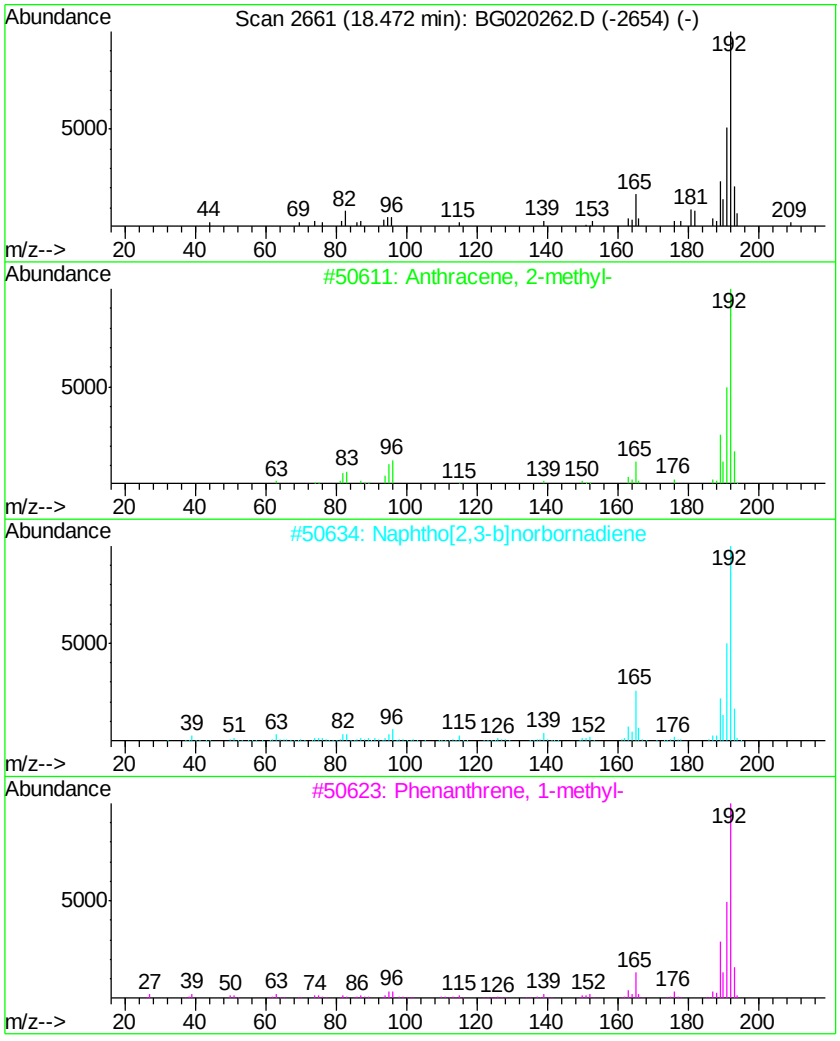
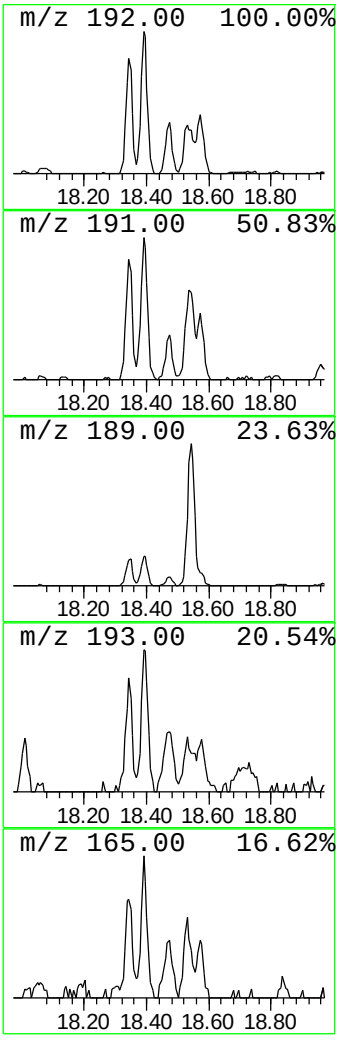
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.00 ng/ul	33783	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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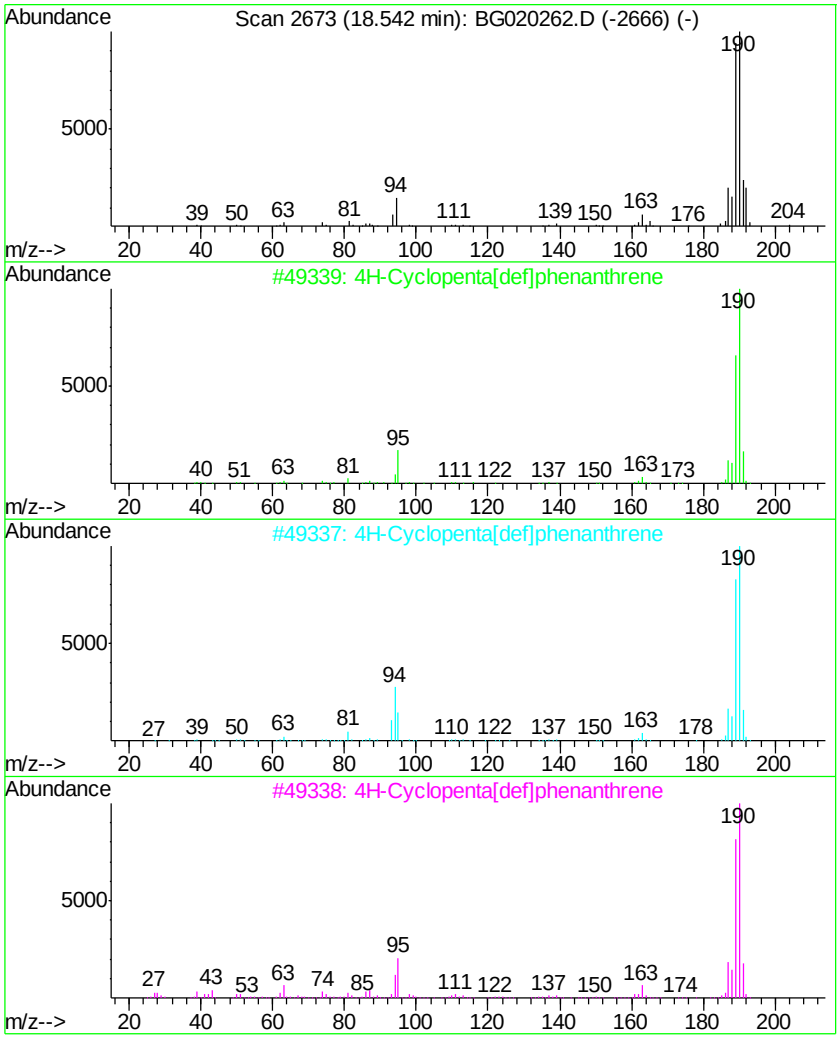
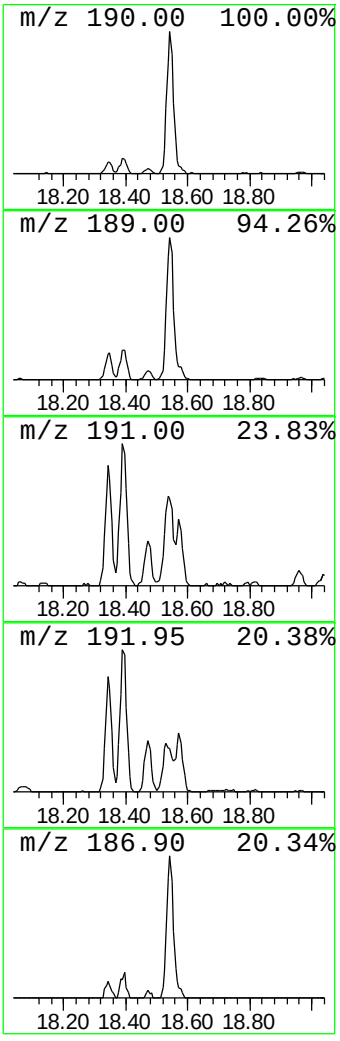
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	9.41 ng/ul	158880	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	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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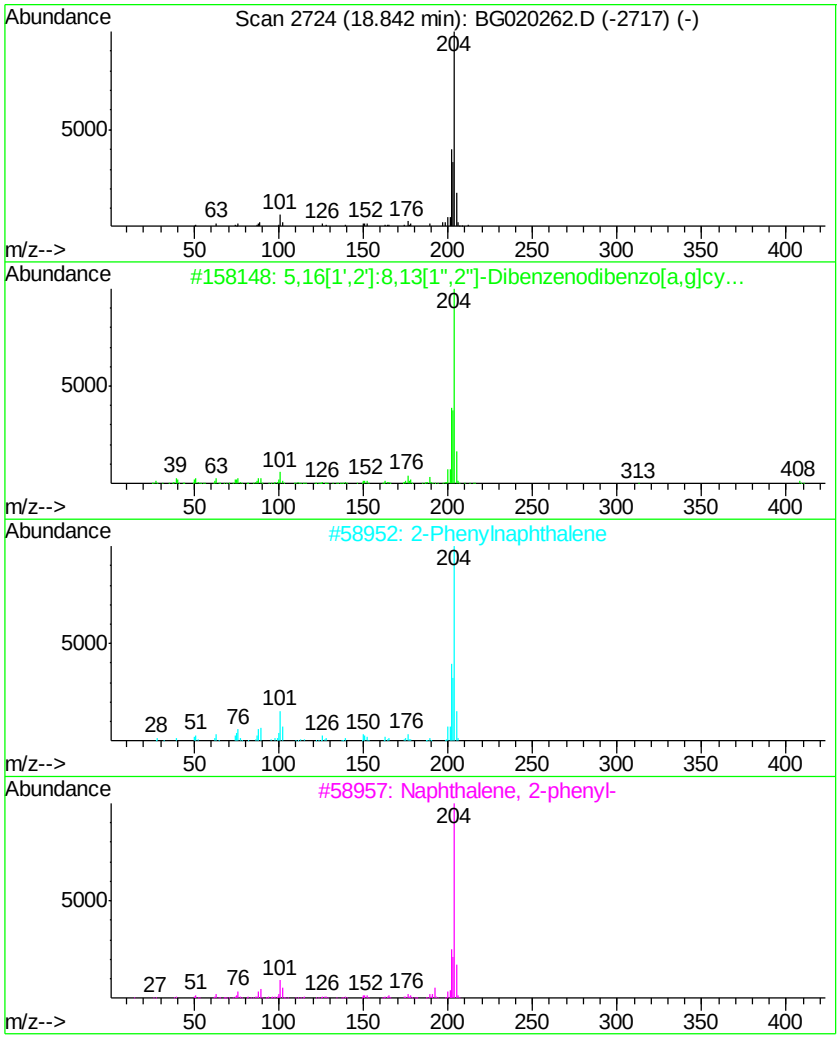
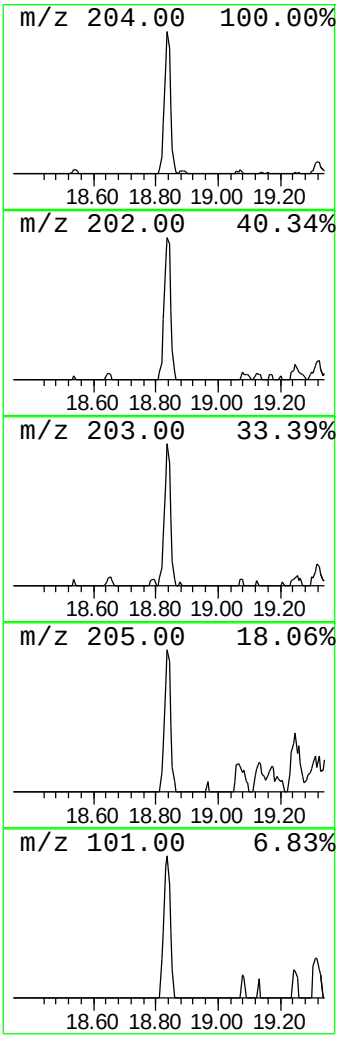
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	3.35 ng/ul	56491	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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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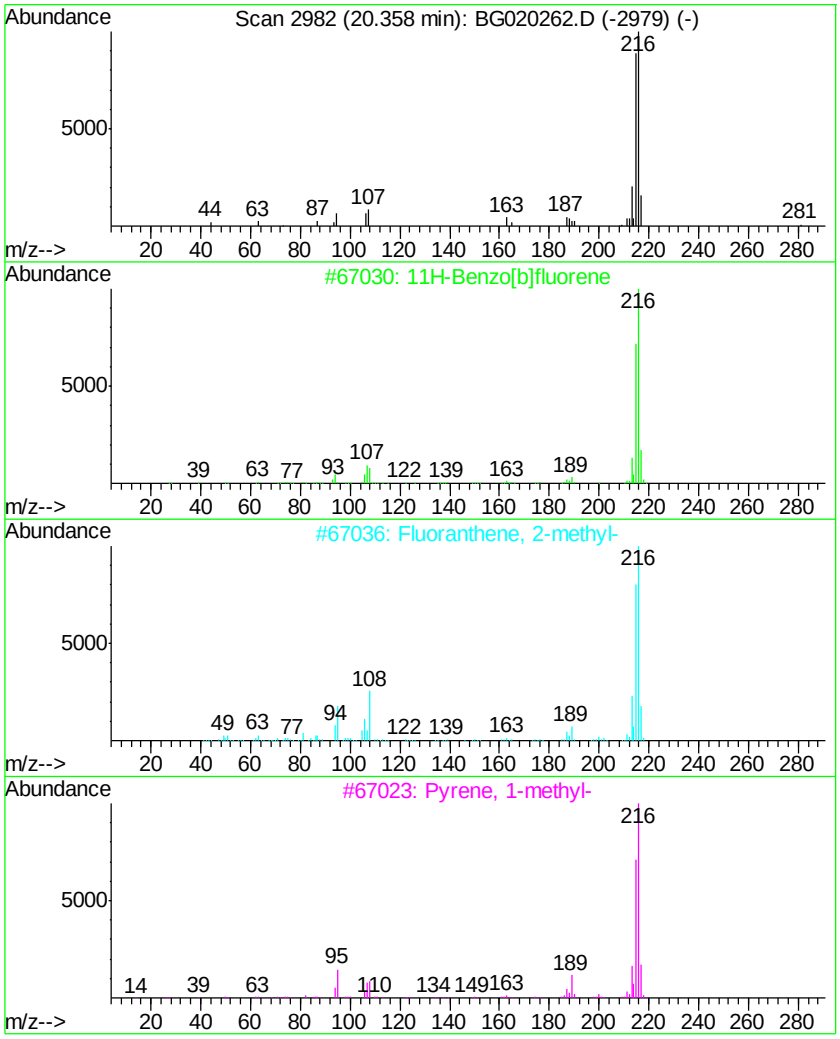
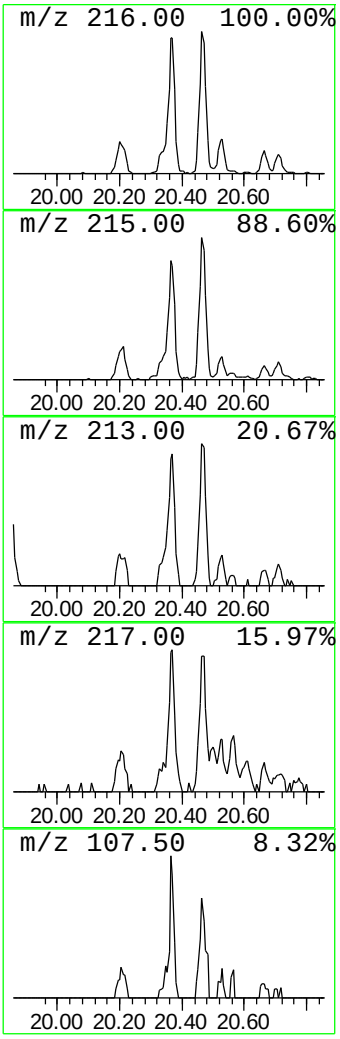
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	2.37 ng/ul	73240	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
Data File : BG020262.D
Acq On : 18 Dec 2015 2:03
Operator : UM/SJ
Sample : G4767-20DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N42DL

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
Indene	8.64	5.2	ng/ul	24160	1	8.10	93713	20.0
Isoquinoline	11.74	5.0	ng/ul	36012	2	10.91	145467	20.0
Naphthalene, 1-me...	12.78	15.0	ng/ul	109082	2	10.91	145467	20.0
Naphthalene, 2,7-...	14.05	3.6	ng/ul	44841	3	14.72	252143	20.0
Nordiphenamid	15.93	3.3	ng/ul	41075	3	14.72	252143	20.0
Dibenzofuran, 4-m...	16.06	3.5	ng/ul	43722	3	14.72	252143	20.0
6H-Dibenzo[b,d]-p...	16.20	4.1	ng/ul	69162	4	17.47	337593	20.0
9H-Fluorene, 9-me...	16.77	2.3	ng/ul	39511	4	17.47	337593	20.0
Dibenzothiophene	17.29	5.0	ng/ul	83811	4	17.47	337593	20.0
Phenanthrene, 2-m...	18.34	3.7	ng/ul	63014	4	17.47	337593	20.0
Anthracene, 2-met...	18.47	2.0	ng/ul	33783	4	17.47	337593	20.0
4H-Cyclopenta[def...	18.54	9.4	ng/ul	158880	4	17.47	337593	20.0
5,16[1',2']:8,13[...	18.84	3.4	ng/ul	56491	4	17.47	337593	20.0
11H-Benzo[b]fluorene	20.36	2.4	ng/ul	73240	5	21.74	618910	20.0