LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

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-BG070615.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	2.887	30	34	40	rVB	227571	287687	3.31%	0.291%
2	7.605	831	837	844	rBV	352819	545206	6.28%	0.552%
3	8.134	919	927	935	rBV	226694	375066	4.32%	0.380%
4	10.384	1302	1310	1314	rBV	509710	873171	10.05%	0.885%
5	10.437	1314	1319	1327	rVV	1187590	1929200	22.21%	1.955%
6	12.059	1588	1595	1602	rVB	562354	863015	9.93%	0.874%
7	12.282	1620	1633	1640	rVB	366469	621422	7.15%	0.630%
8	13.087	1764	1770	1775	rBV	135161	198758	2.29%	0.201%
9	13.416	1816	1826	1827	rBV	184790	241609	2.78%	0.245%
10	13.574	1845	1853	1858	rBV	318749	565479	6.51%	0.573%
11	13.627	1858	1862	1867	rVV	224162	339928	3.91%	0.344%
12	13.815	1890	1894	1897	rVV	157948	234932	2.70%	0.238%
13	13.980	1911	1922	1931	rBV2	275157	552236	6.36%	0.559%
14	14.256	1961	1969	1975	rVV3	776279	1361289	15.67%	1.379%
15	14.321	1975	1980	1988	rVV	609811	947086	10.90%	0.960%
16	14.573	2014	2023	2027	rBV4	109370	207374	2.39%	0.210%
17	14.661	2030	2038	2045	rVB	818211	1244141	14.32%	1.261%
18	14.738	2045	2051	2059	rBV	132503	201005	2.31%	0.204%
19	14.885	2066	2076	2080	rBV4	115372	227088	2.61%	0.230%
20	15.055	2097	2105	2108	rBV2	97819	206582	2.38%	0.209%
21	15.314	2143	2149	2159	rVB2	1380470	2100475	24.18%	2.128%
22	15.472	2173	2176	2181	rVB3	160464	218281	2.51%	0.221%
23	15.607	2194	2199	2208	rVB	401672	625587	7.20%	0.634%
24	15.754	2218	2224	2231	rVB	450085	883783	10.17%	0.895%
25	15.842	2231	2239	2247	rVB3	107267	228806	2.63%	0.232%
26	16.318	2308	2320	2325	rBV4	336437	830053	9.55%	0.841%
27	16.365	2325	2328	2334	rVB3	163707	223272	2.57%	0.226%
28	16.465	2340	2345	2350	rVB	170110	282836	3.26%	0.287%
29	16.547	2355	2359	2363	rVV2	177705	248161	2.86%	0.251%
30	16.589	2363	2366	2369	rVV2	169575	211548	2.43%	0.214%
31	16.665	2376	2379	2387	rVB4	129697	226296	2.60%	0.229%
32	16.747	2387	2393	2399	rBV3	235045	559866	6.44%	0.567%
33	16.829	2403	2407	2411	rVV	402884	526826	6.06%	0.534%
34	17.012	2433	2438	2441	rVV	936768	1367099	15.74%	1.385%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

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-BG070615.M
Title : SVOA CALIBRATION

35	17.059	2441	2446	2451	rVV	5751711	8688119	100.00%	8.802%
36	17.111	2451	2455	2456	rVV	264840	306349	3.53%	0.310%
37	17.147	2456	2461	2466	rVV	1850464	2617933	30.13%	2.652%
38	17.200	2466	2470	2476	rVB2	300827	455266	5.24%	0.461%
39	17.388	2496	2502	2503	rBV	176716	245714	2.83%	0.249%
40	17.417	2503	2507	2511	rVV	710246	948571	10.92%	0.961%
41	17.734	2556	2561	2570	rVB	112251	214536	2.47%	0.217%
42	17.887	2577	2587	2591	rBV	965770	1529409	17.60%	1.550%
43	17.940	2591	2596	2603	rVB	1422858	2048134	23.57%	2.075%
44	18.016	2603	2609	2614	rBV	674547	967195	11.13%	0.980%
45	18.087	2614	2621	2625	rBV2	1349759	2546541	29.31%	2.580%
46	18.122	2625	2627	2634	rVB	656797	725837	8.35%	0.735%
47	18.193	2634	2639	2643	rBV2	130445	202225	2.33%	0.205%
48	18.392	2669	2673	2677	rVV	557995	772181	8.89%	0.782%
49	18.433	2677	2680	2685	rVB	178143	217083	2.50%	0.220%
50	18.645	2712	2716	2720	rVV3	199343	240051	2.76%	0.243%
51	18.692	2720	2724	2727	rVB2	164564	197773	2.28%	0.200%
52	18.733	2727	2731	2735	rVB	183332	245710	2.83%	0.249%
53	18.815	2739	2745	2750	rBV2	397347	715354	8.23%	0.725%
54	18.880	2751	2756	2759	rBV3	262511	401460	4.62%	0.407%
55	18.956	2765	2769	2772	rBV2	167286	270483	3.11%	0.274%
56	19.086	2785	2791	2797	rBV	4701997	6406206	73.74%	6.490%
57	19.144	2797	2801	2804	rBV2	153182	213313	2.46%	0.216%
58	19.180	2804	2807	2812	rVB4	177822	238286	2.74%	0.241%
59	19.227	2812	2815	2819	rVB	153616	203506	2.34%	0.206%
60	19.280	2819	2824	2826	rBV5	112686	192340	2.21%	0.195%
61	19.327	2828	2832	2835	rVB	149489	212455	2.45%	0.215%
62	19.421	2842	2848	2849	rBV	1216467	1679235	19.33%	1.701%
63	19.450	2849	2853	2861	rVV	3939008	5936911	68.33%	6.015%
64	19.515	2861	2864	2872	rVB2	372010	632756	7.28%	0.641%
65	19.626	2879	2883	2889	rBV	387860	498904	5.74%	0.505%
66	19.685	2889	2893	2898	rVB	356531	511766	5.89%	0.518%
67	19.773	2902	2908	2914	rBV4	435356	1106744	12.74%	1.121%
68	19.902	2926	2930	2933	rVV4	348122	606641	6.98%	0.615%
69	19.943	2933	2937	2941	rVB	1173409	1582088	18.21%	1.603%
70	20.043	2950	2954	2958	rVV	979232	1222232	14.07%	1.238%
71	20.102	2958	2964	2968	rVV2	732680	1287571	14.82%	1.305%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

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-BG070615.M
Title : SVOA CALIBRATION

72	20.143	2968	2971	2974	rVB	166761	183976	2.12%	0.186%
73	20.237	2984	2987	2991	rVV	310348	386079	4.44%	0.391%
74	20.290	2991	2996	3000	rVV2	318254	484390	5.58%	0.491%
75	20.537	3028	3038	3041	rBV7	229516	589159	6.78%	0.597%
76	20.654	3054	3058	3061	rBV4	167730	279746	3.22%	0.283%
77	20.696	3061	3065	3070	rVB	294990	493240	5.68%	0.500%
78	20.860	3089	3093	3096	rVB2	324390	397431	4.57%	0.403%
79	20.895	3096	3099	3102	rVB	480841	511001	5.88%	0.518%
80	20.942	3102	3107	3111	rBV3	296368	471080	5.42%	0.477%
81	20.983	3111	3114	3126	rVB2	314033	606627	6.98%	0.615%
82	21.095	3127	3133	3141	rBV3	181472	483758	5.57%	0.490%
83	21.201	3142	3151	3156	rBV3	3493858	6313008	72.66%	6.396%
84	21.248	3156	3159	3167	rVB	2352139	3131281	36.04%	3.172%
85	21.365	3176	3179	3183	rBV	300376	423478	4.87%	0.429%
86	21.524	3201	3206	3210	rBV2	454773	676792	7.79%	0.686%
87	21.753	3240	3245	3250	rVV	613506	1000047	11.51%	1.013%
88	21.806	3251	3254	3259	rVB	360711	467486	5.38%	0.474%
89	21.953	3275	3279	3281	rBV	274972	368309	4.24%	0.373%
90	21.982	3282	3284	3291	rVB4	317047	407392	4.69%	0.413%
91	22.047	3292	3295	3300	rVB3	175658	276893	3.19%	0.281%
92	22.229	3322	3326	3330	rBV3	124114	255944	2.95%	0.259%
93	22.775	3412	3419	3423	rBV	1385560	3303010	38.02%	3.346%
94	22.934	3442	3446	3455	rVB	337853	593805	6.83%	0.602%
95	23.245	3493	3499	3508	rVB	910191	1703697	19.61%	1.726%
96	23.339	3509	3515	3522	rVB	1412795	2530424	29.13%	2.564%
97	23.439	3525	3532	3536	rVV2	757891	1515281	17.44%	1.535%
98	23.486	3537	3540	3548	rVB4	339454	673167	7.75%	0.682%
99	25.690	3907	3915	3928	rVB3	489016	1499742	17.26%	1.519%
100	26.383	4026	4033	4049	rVB	312119	1033743	11.90%	1.047%

Sum of corrected areas: 98702027

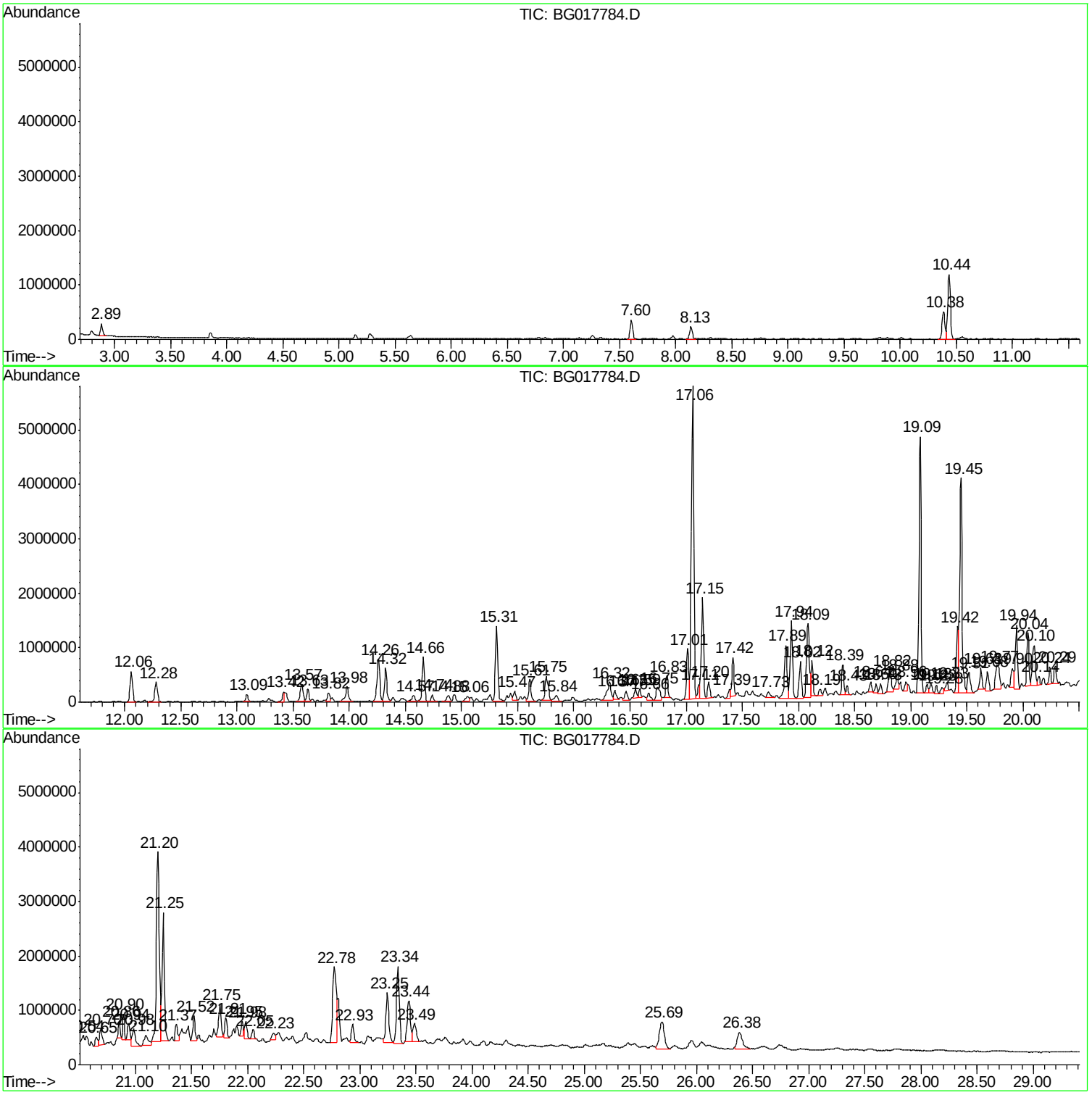
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

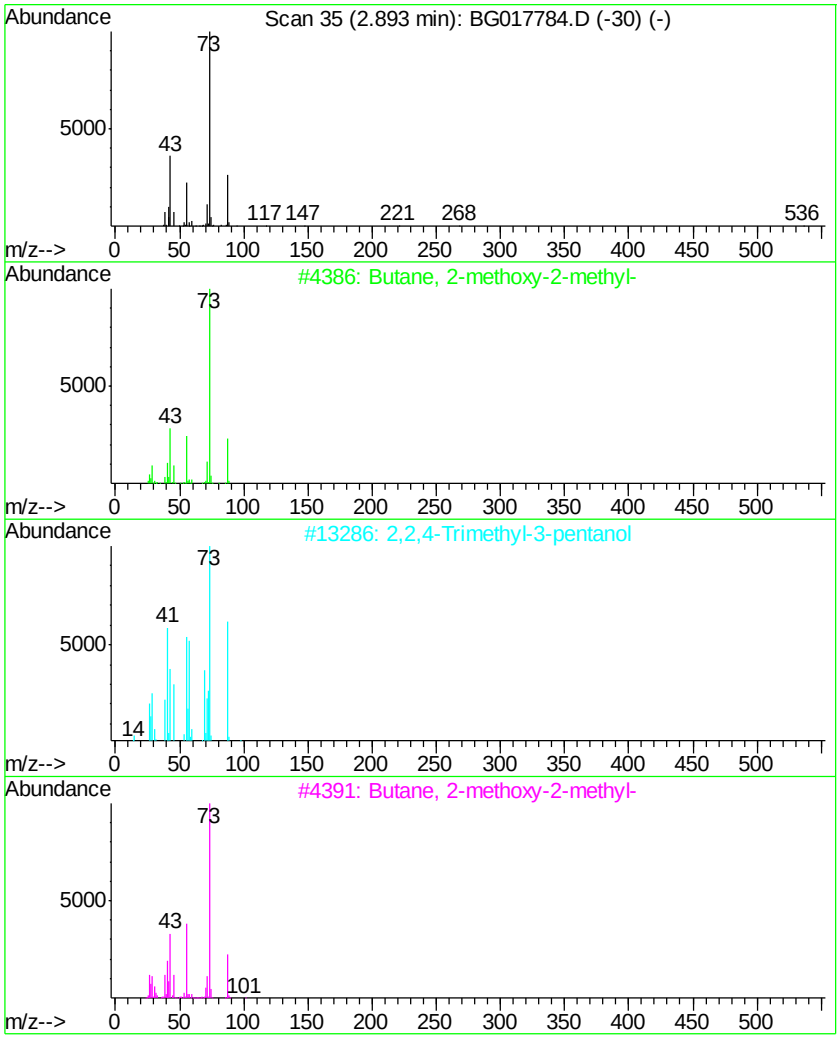
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

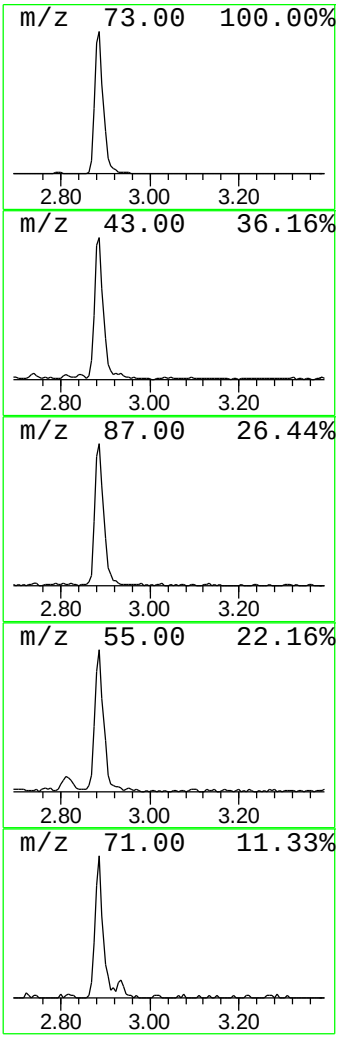
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	10.55 ng/ul	287687	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

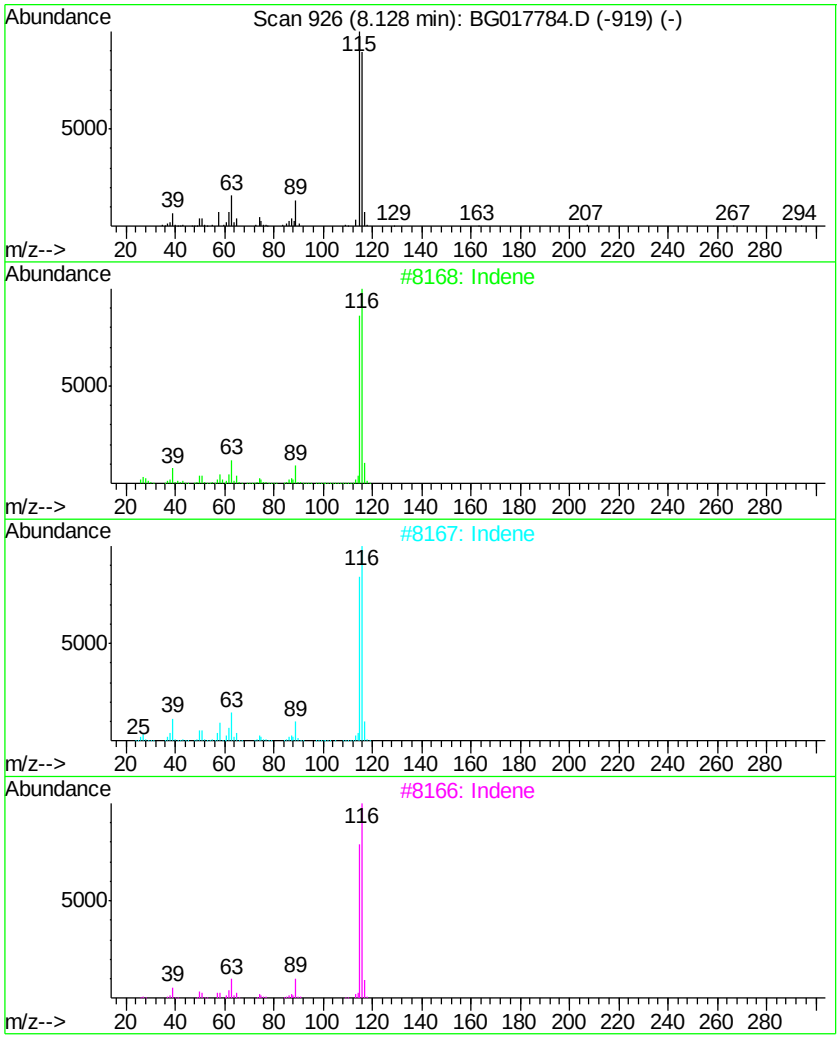
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

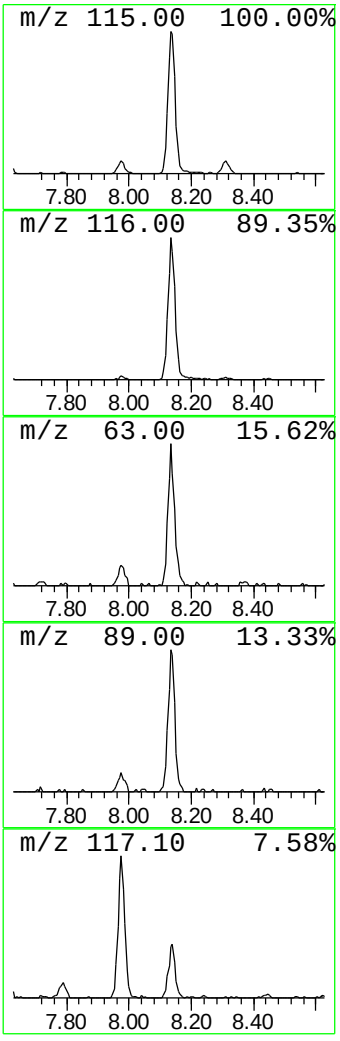
****

Peak Number 2 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	13.76 ng/ul	375066	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	94
3	Indene	116	C9H8	000095-13-6	93
4	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

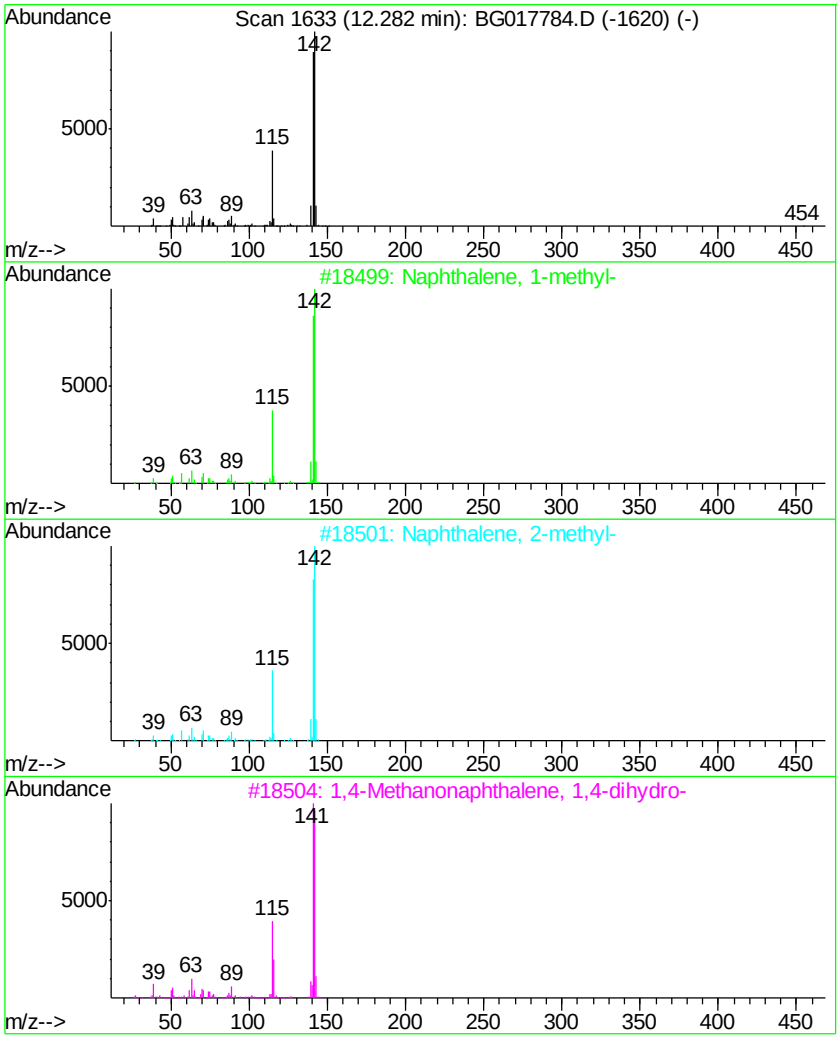
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

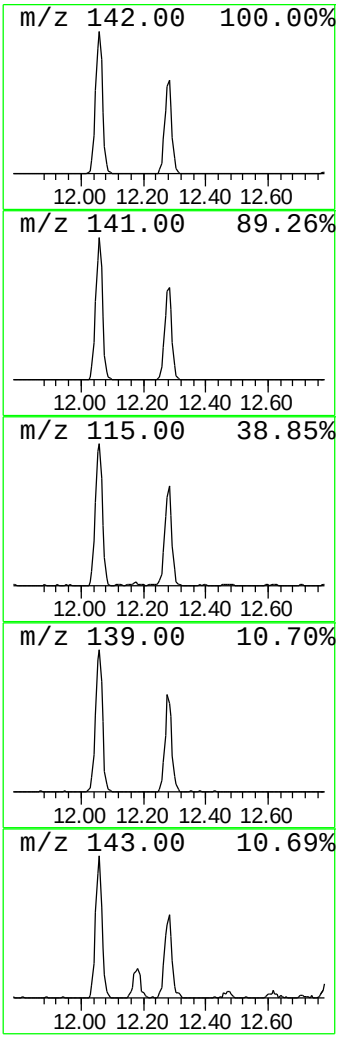
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	14.23 ng/ul	621422	Naphthalene-d8	10.38

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

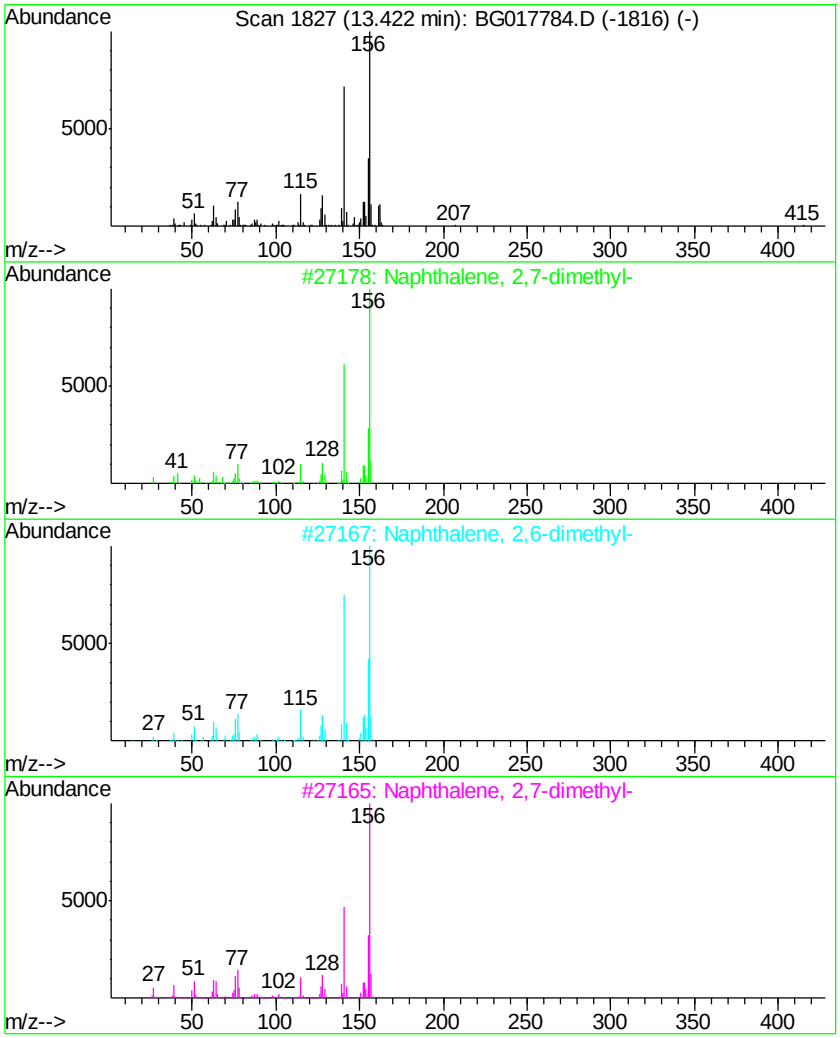
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

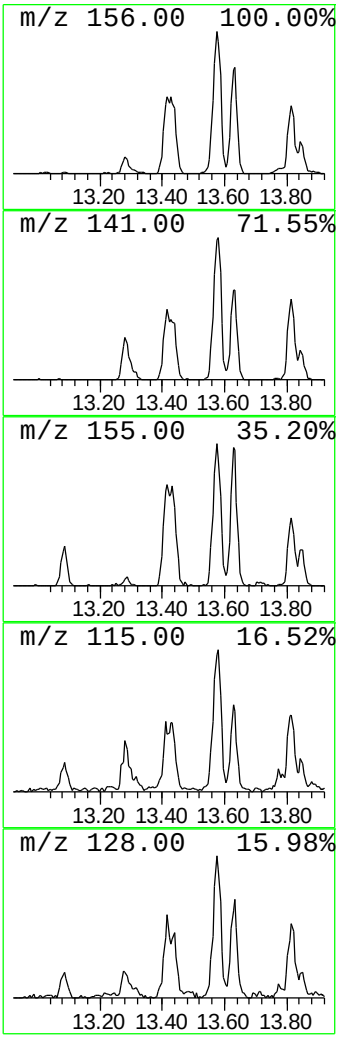
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.55 ng/ul	241609	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

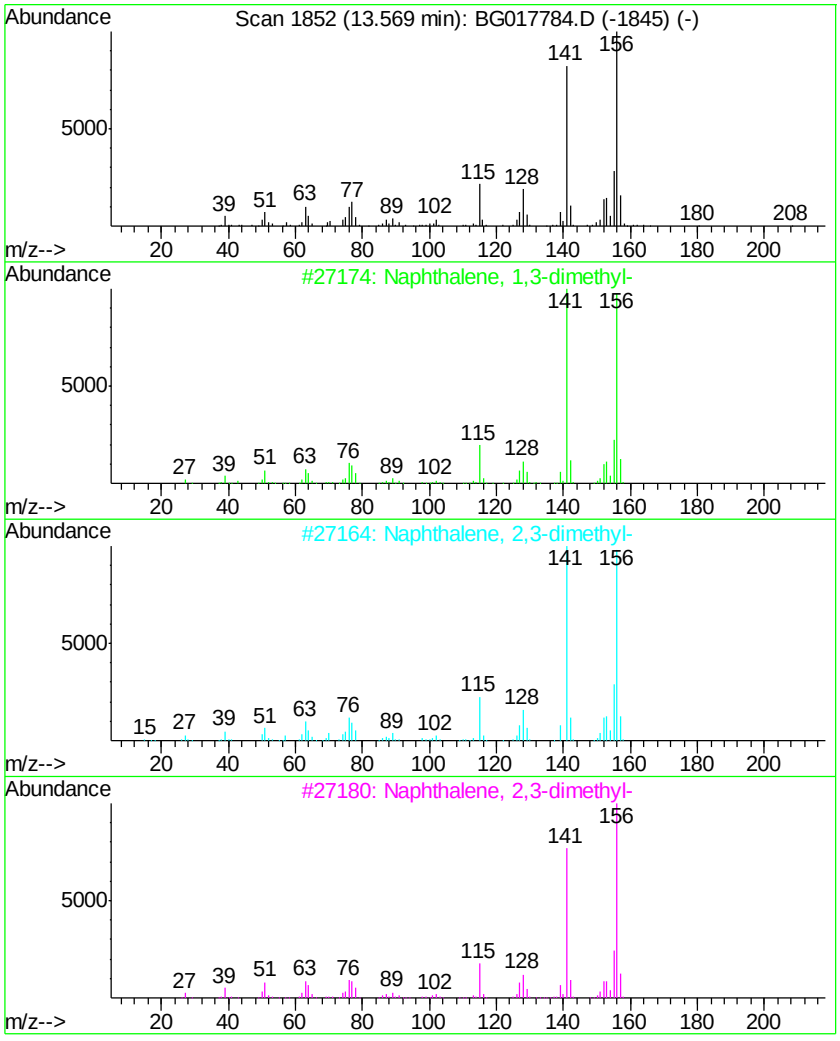
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

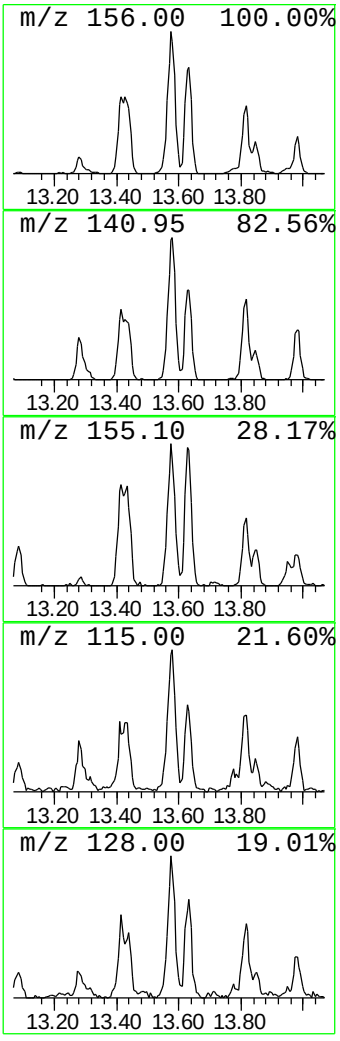
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	8.31 ng/ul	565479	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

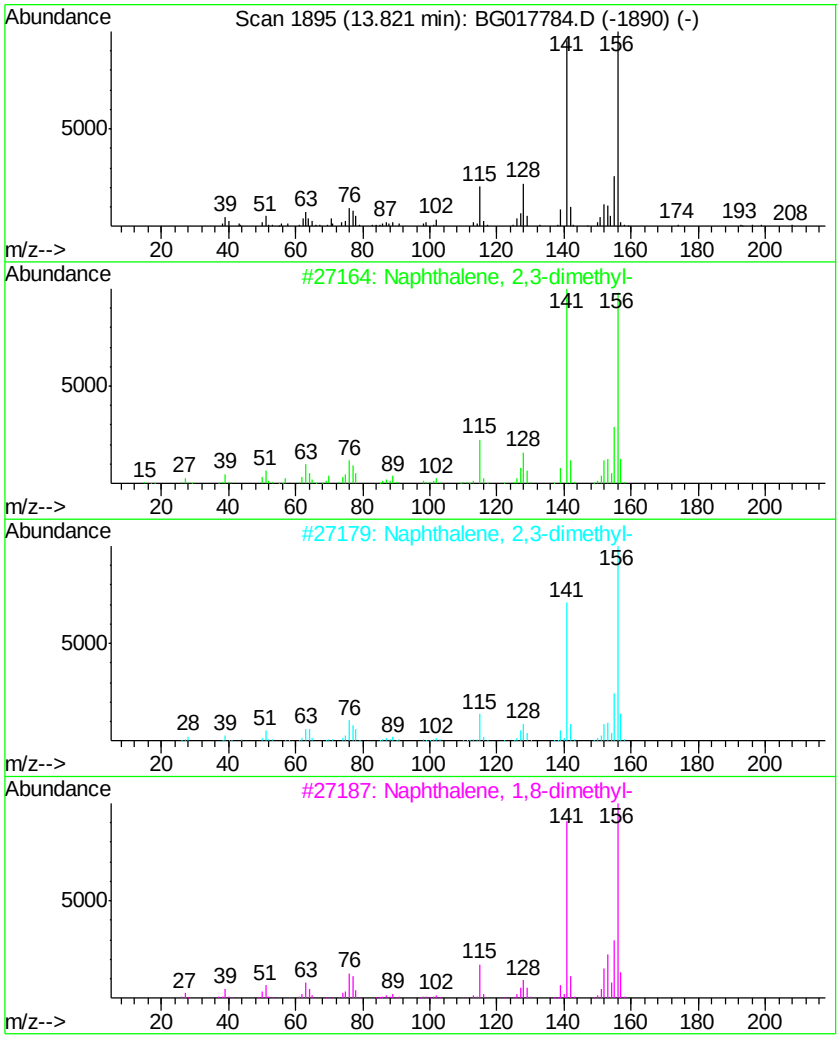
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

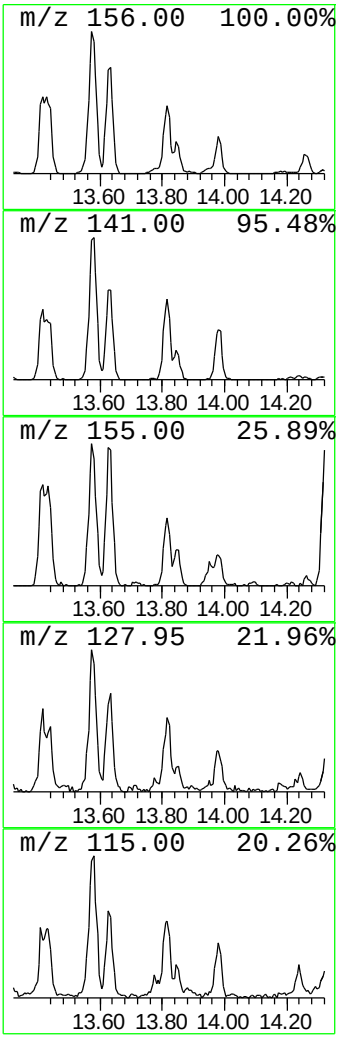
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.45 ng/ul	234932	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

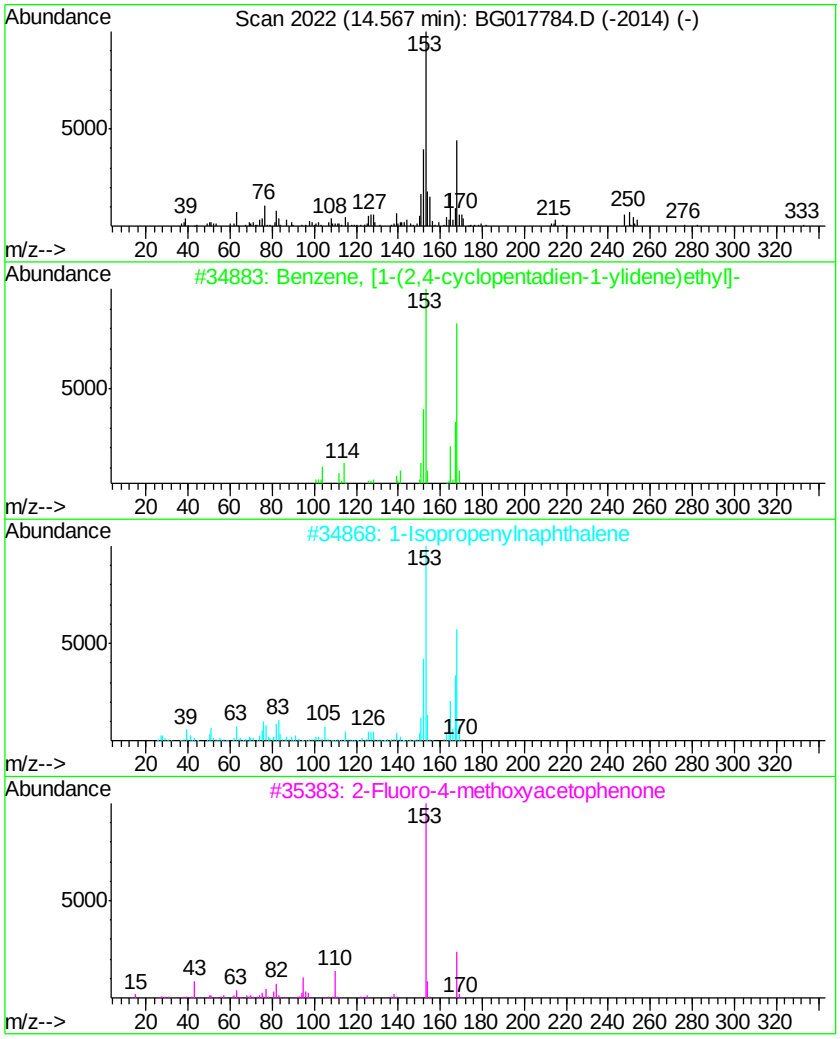
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

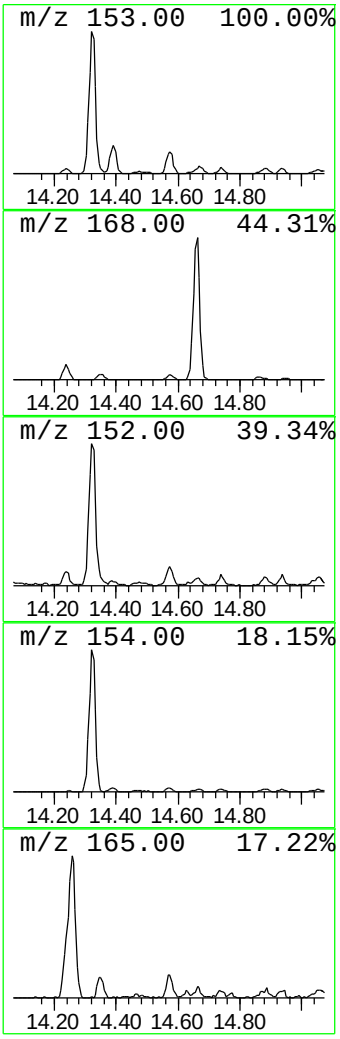
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, [1-(2,4-cyclopenta... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.05 ng/ul	207374	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
3	2-Fluoro-4-methoxyacetophenone	168	C9H9FO2	074457-86-6	47
4	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	43
5	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

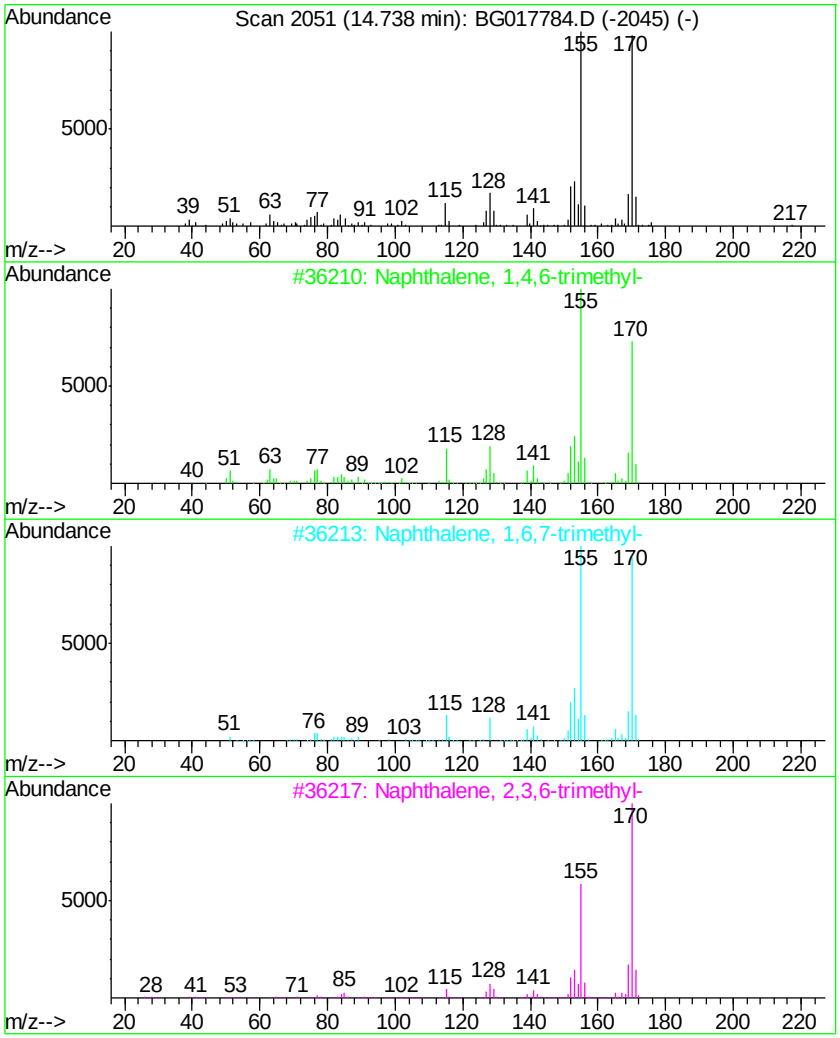
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

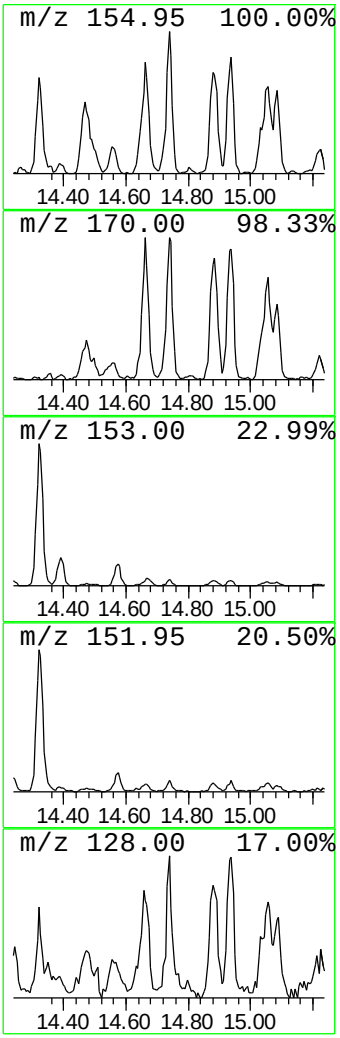
****

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.95 ng/ul	201005	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

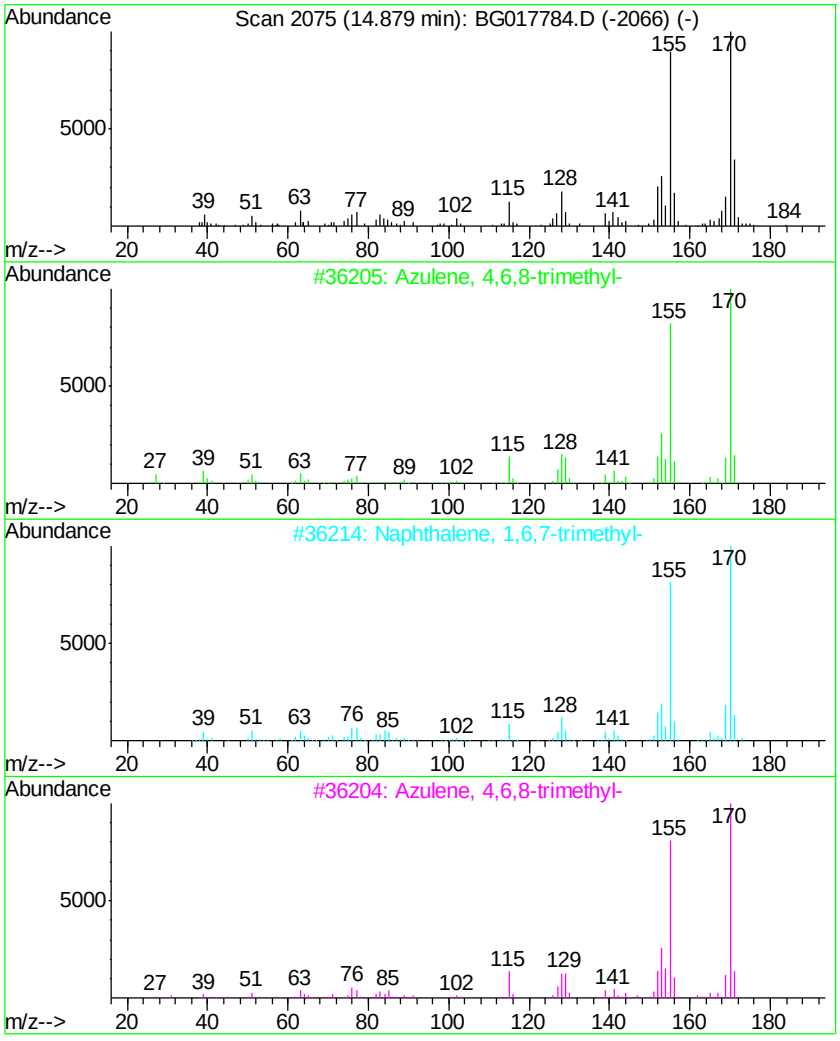
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

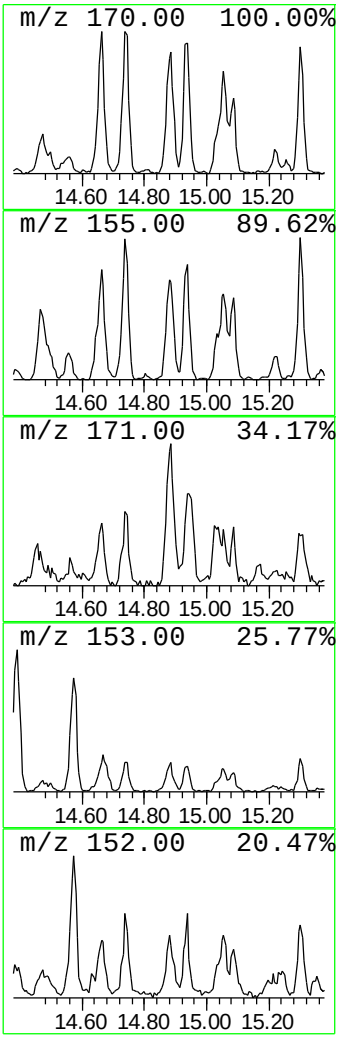
****

Peak Number 9 Azulene, 4,6,8-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	3.34 ng/ul	227088	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

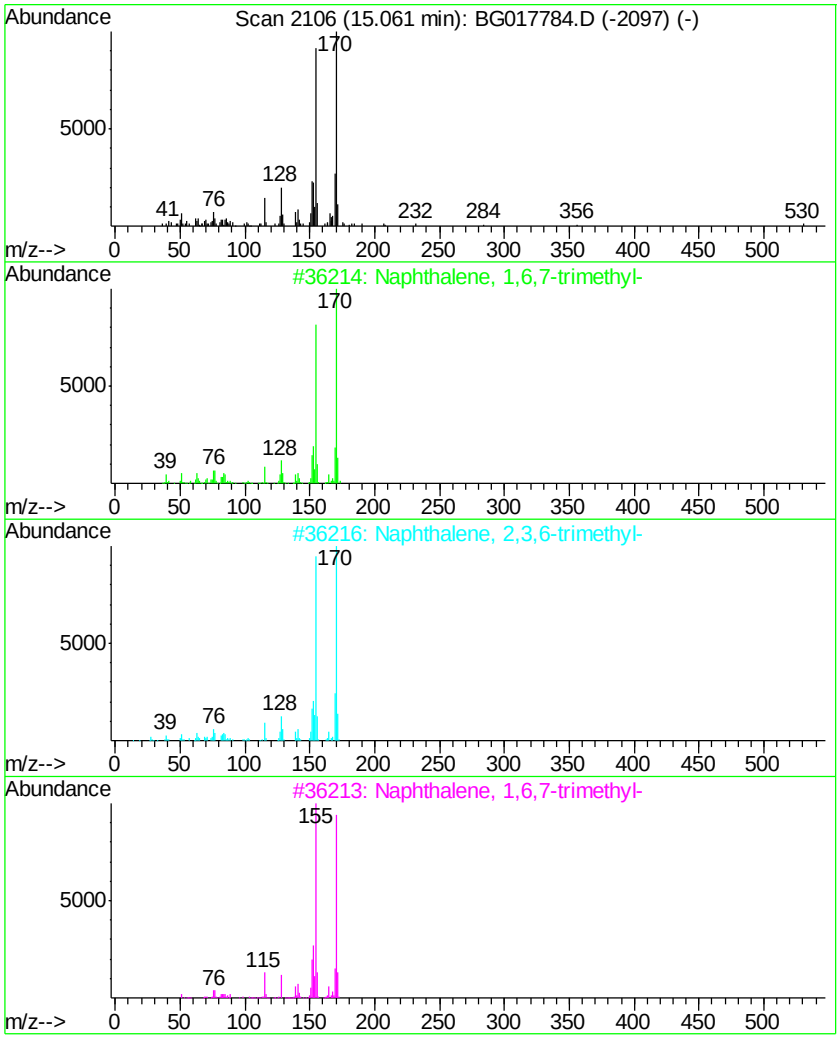
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

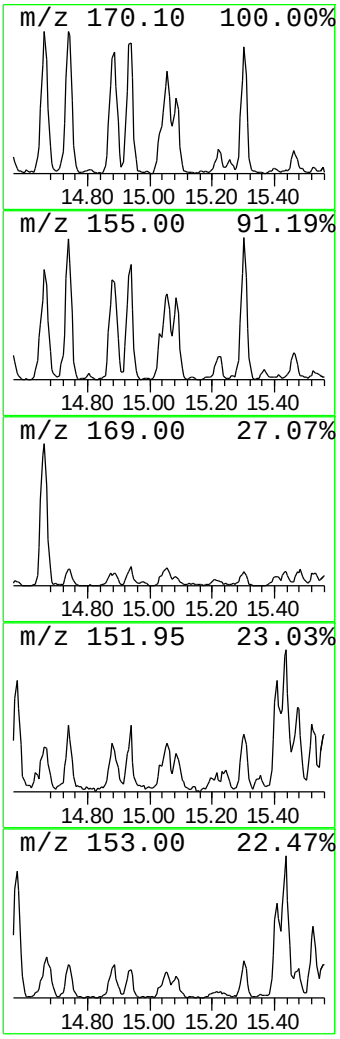
****

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.04 ng/ul	206582	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

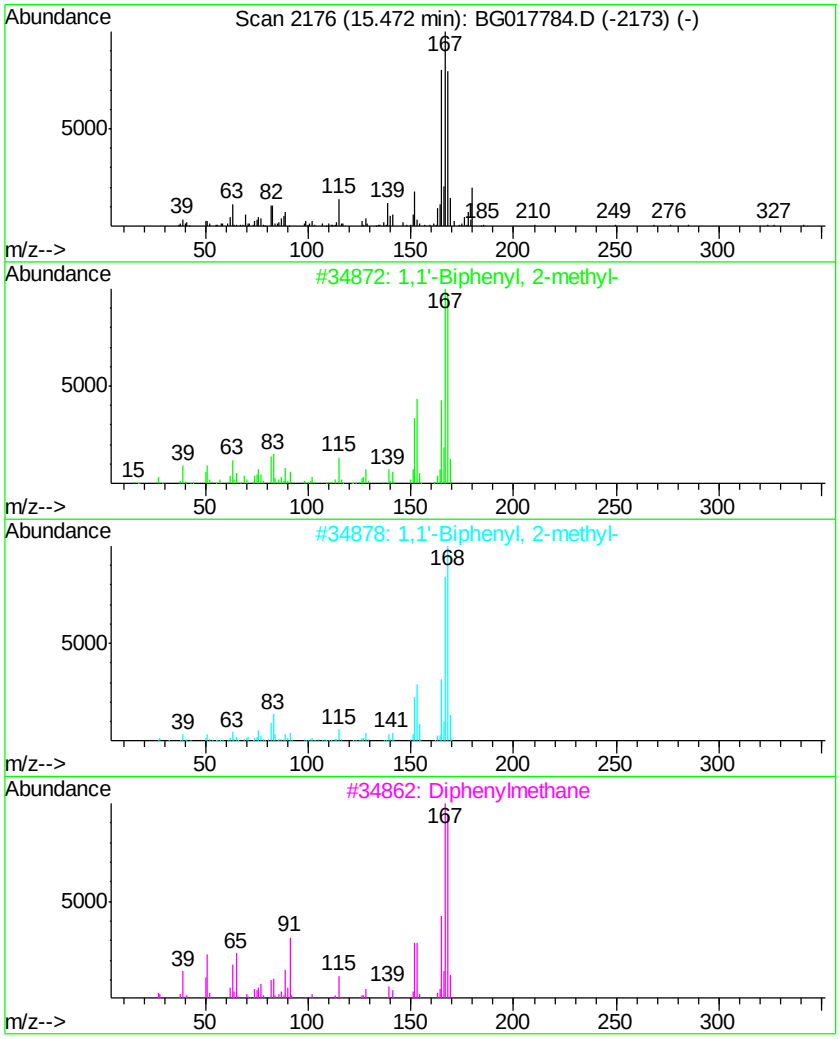
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

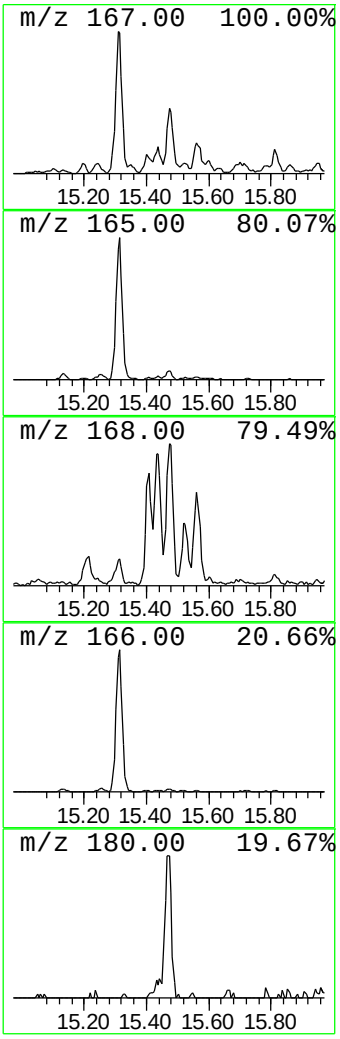
****

Peak Number 11 1,1'-Biphenyl, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	3.21 ng/ul	218281	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	Diphenylmethane	168	C13H12	000101-81-5	47
5	Diphenylmethane	168	C13H12	000101-81-5	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

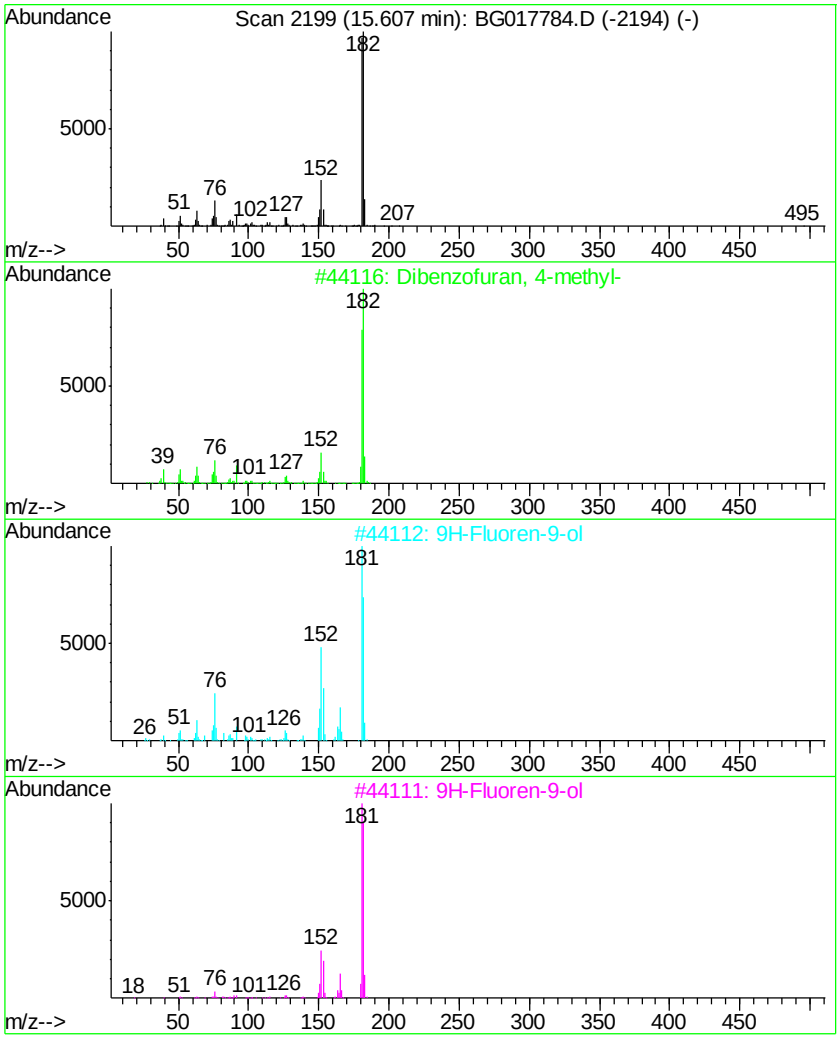
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

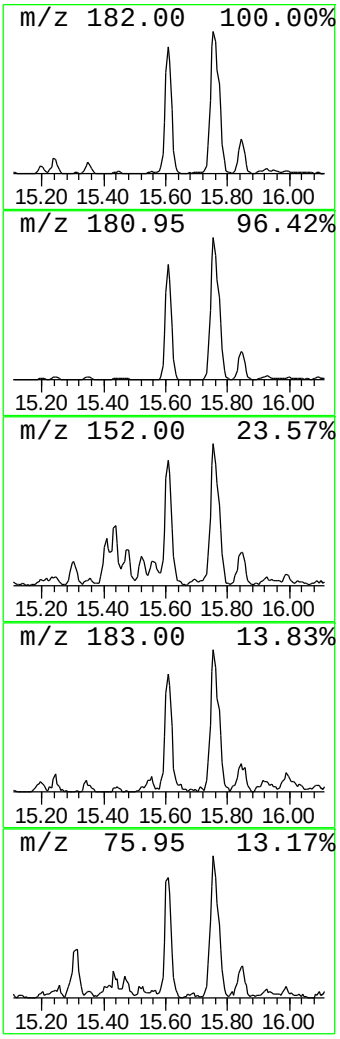
****

Peak Number 12 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	9.19 ng/ul	625587	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Xanthene	182	C13H10O	000092-83-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

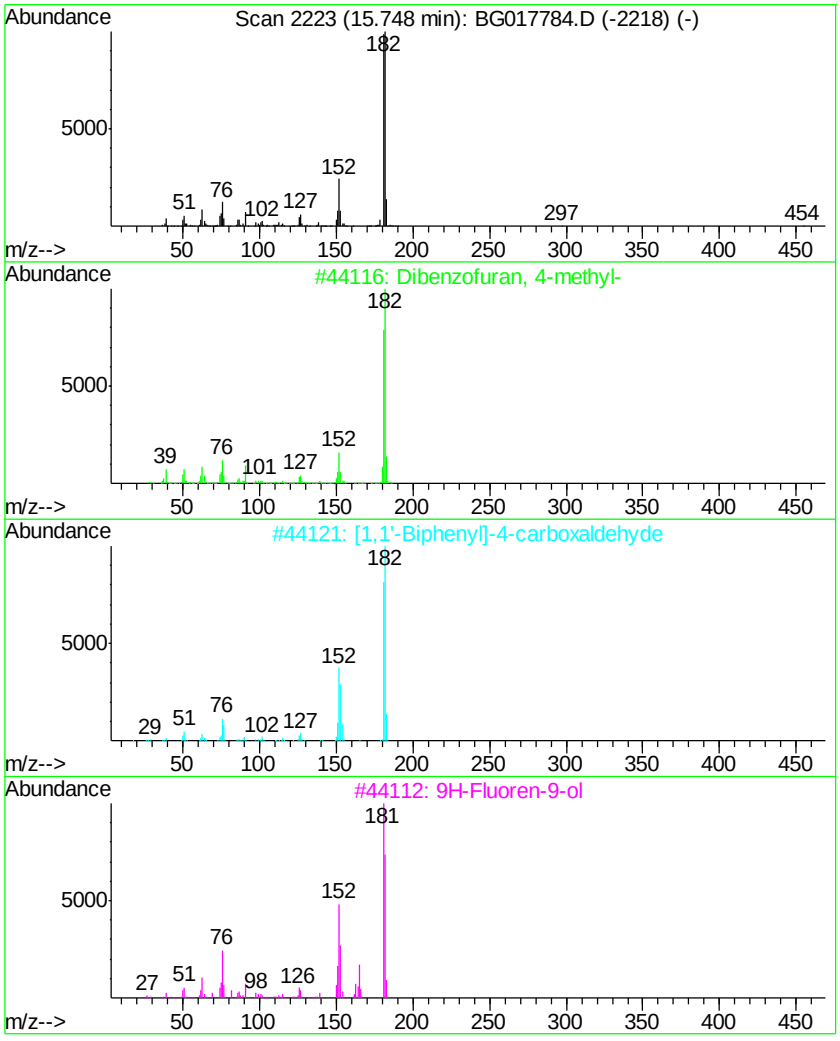
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

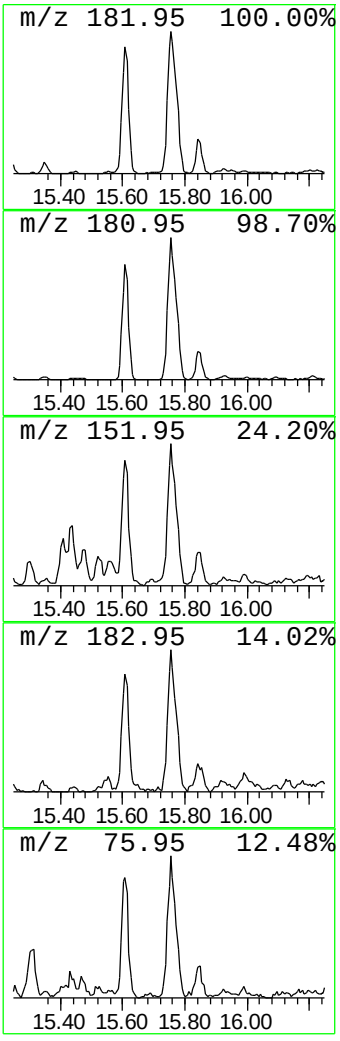
****

Peak Number 13 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	12.93 ng/ul	883783	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

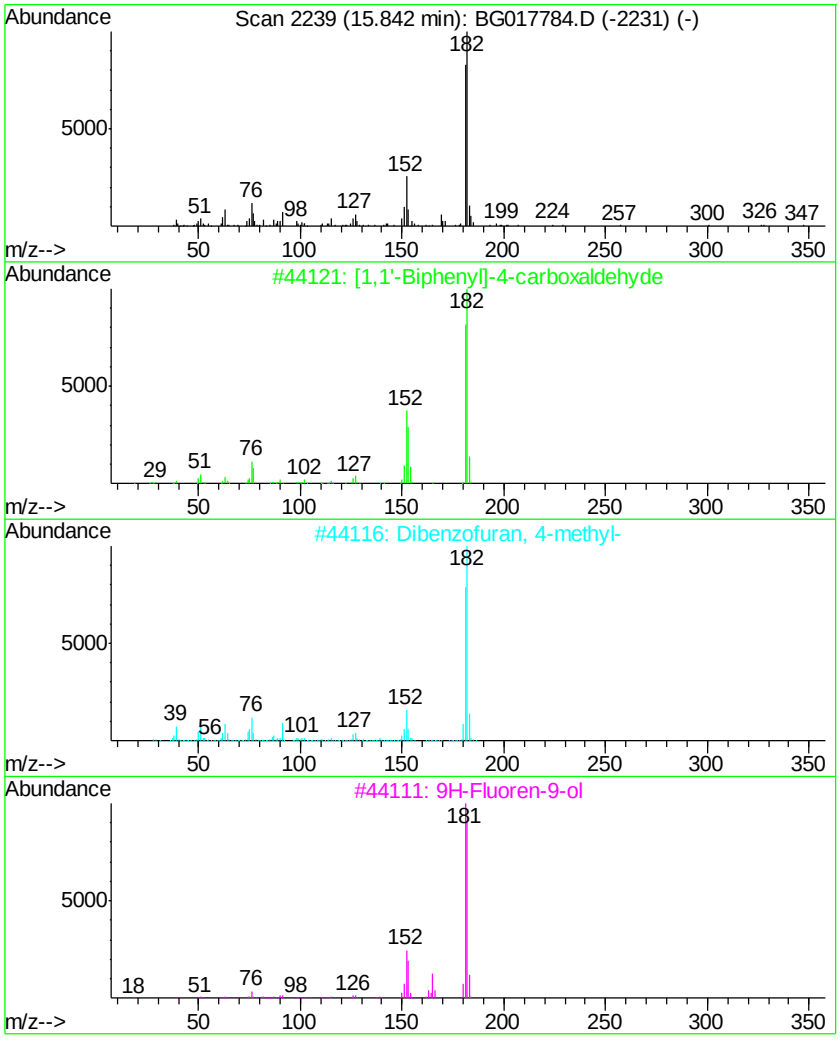
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

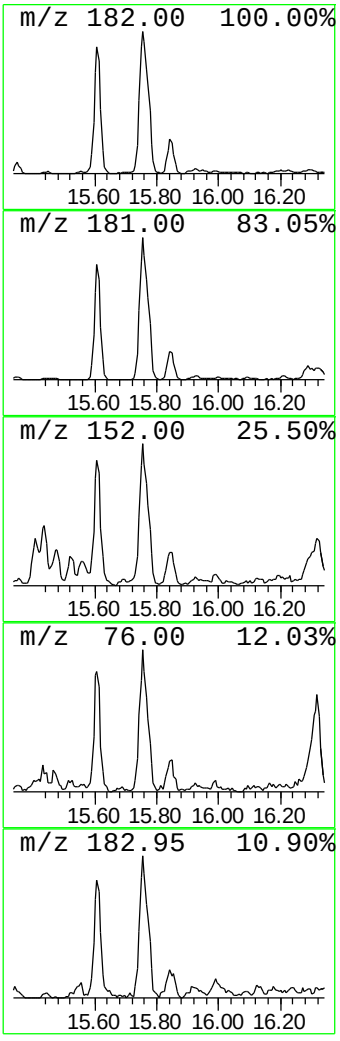
****

Peak Number 14 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.35 ng/ul	228806	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol, acetate	224	C15H12O2	025017-68-9	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

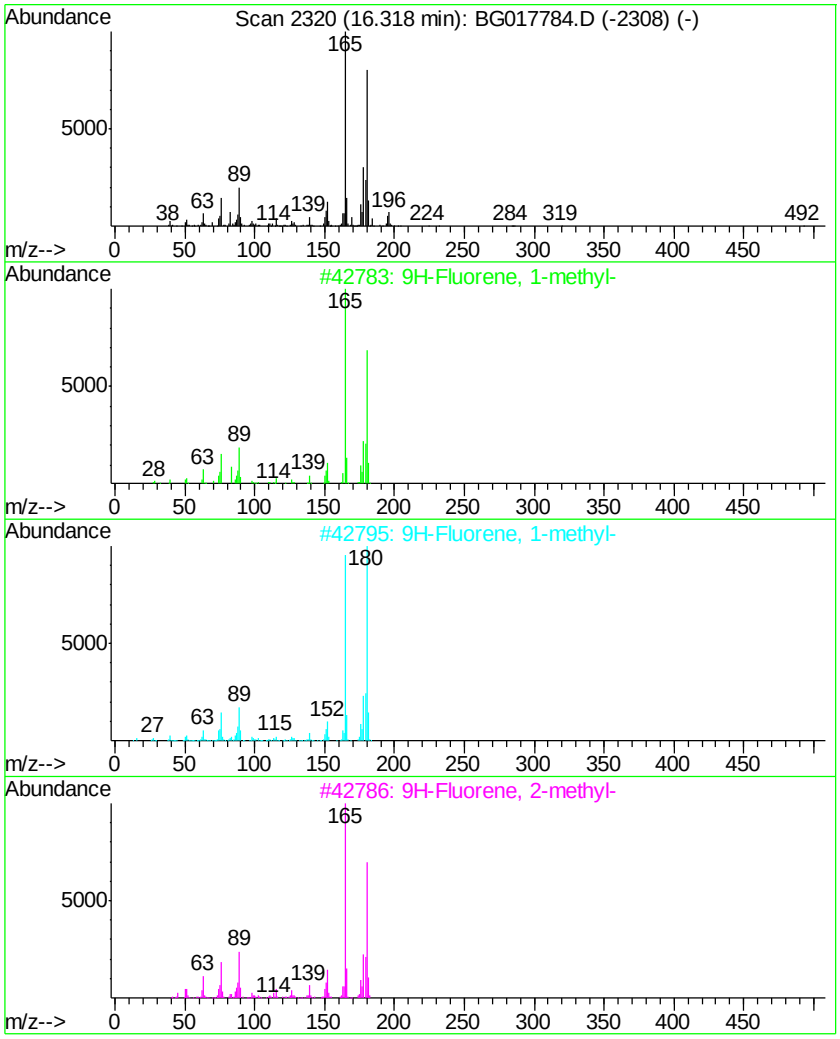
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

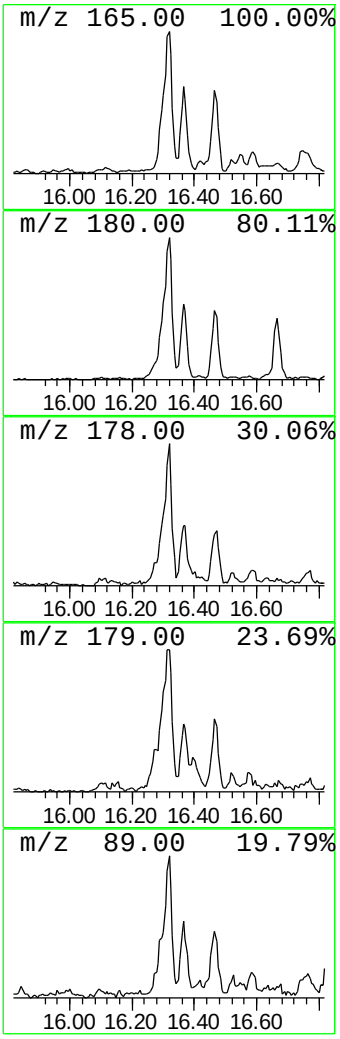
****

Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	12.14 ng/ul	830053	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	98
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

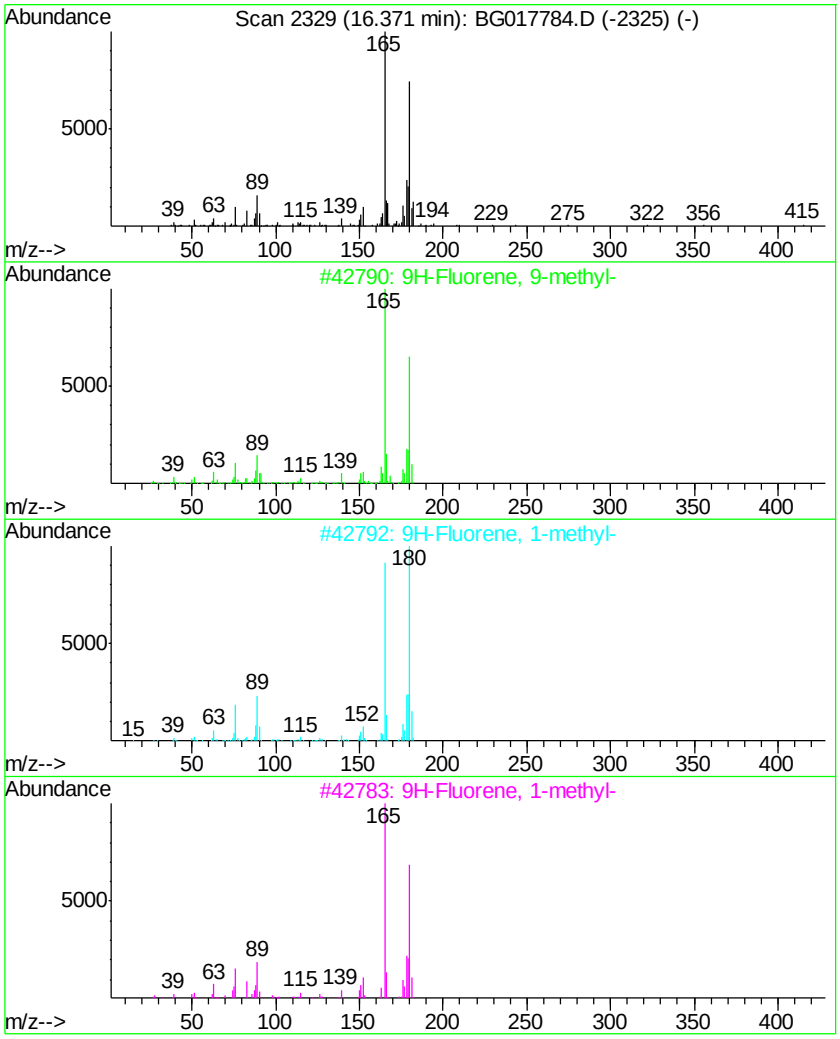
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

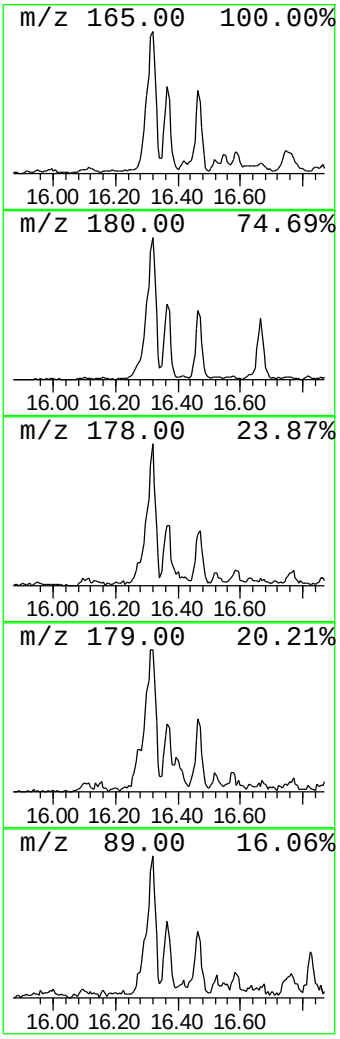
****

Peak Number 16 9H-Fluorene, 9-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	3.27 ng/ul	223272	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

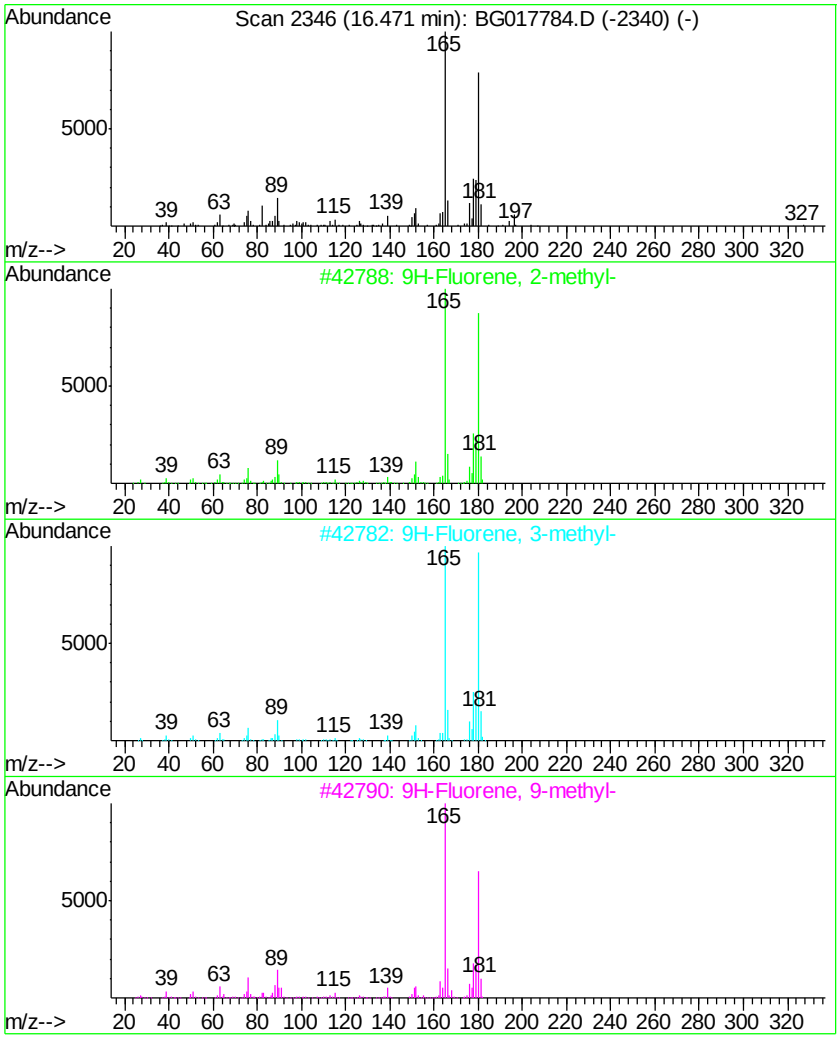
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

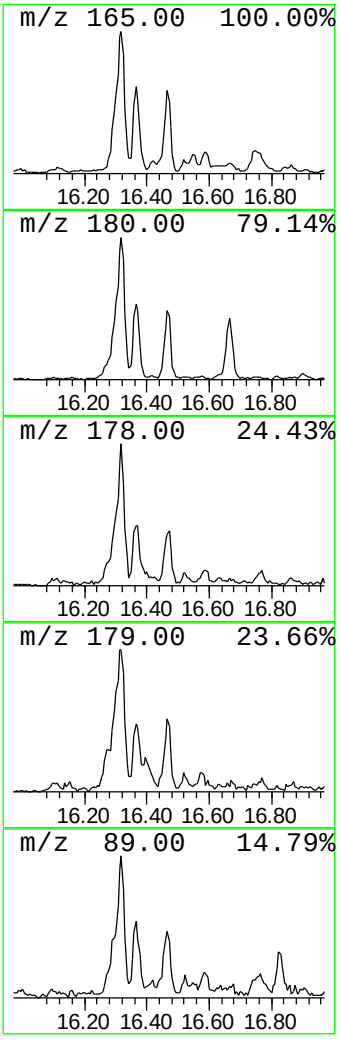
****

Peak Number 17 9H-Fluorene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	4.14 ng/ul	282836	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

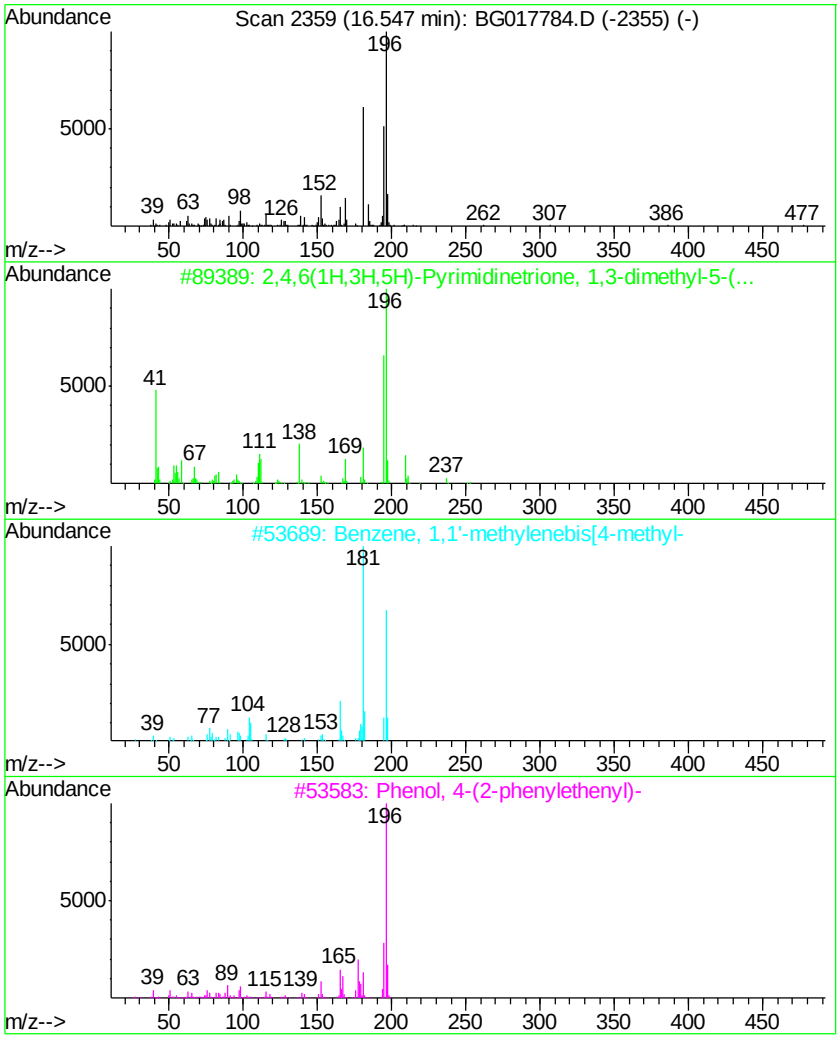
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

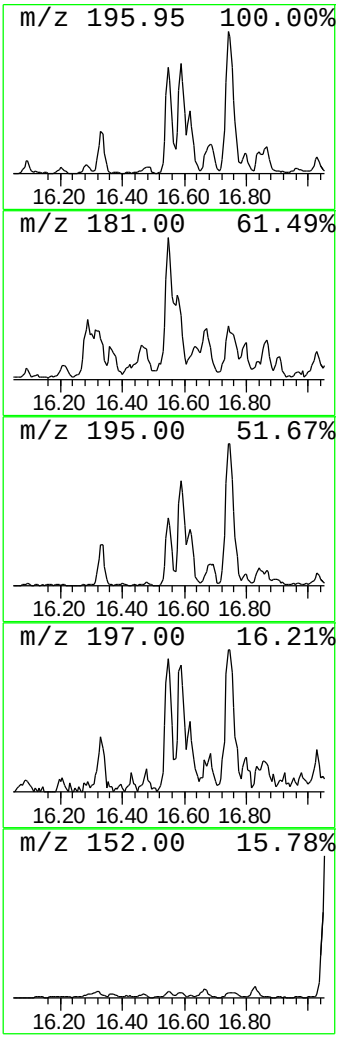
****

Peak Number 18 2,4,6(1H,3H,5H)-Pyrimidinet... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	3.63 ng/ul	248161	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6(1H,3H,5H)-Pyrimidinetrione...	252	C13H20N2O3	055045-04-0	59
2	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	52
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

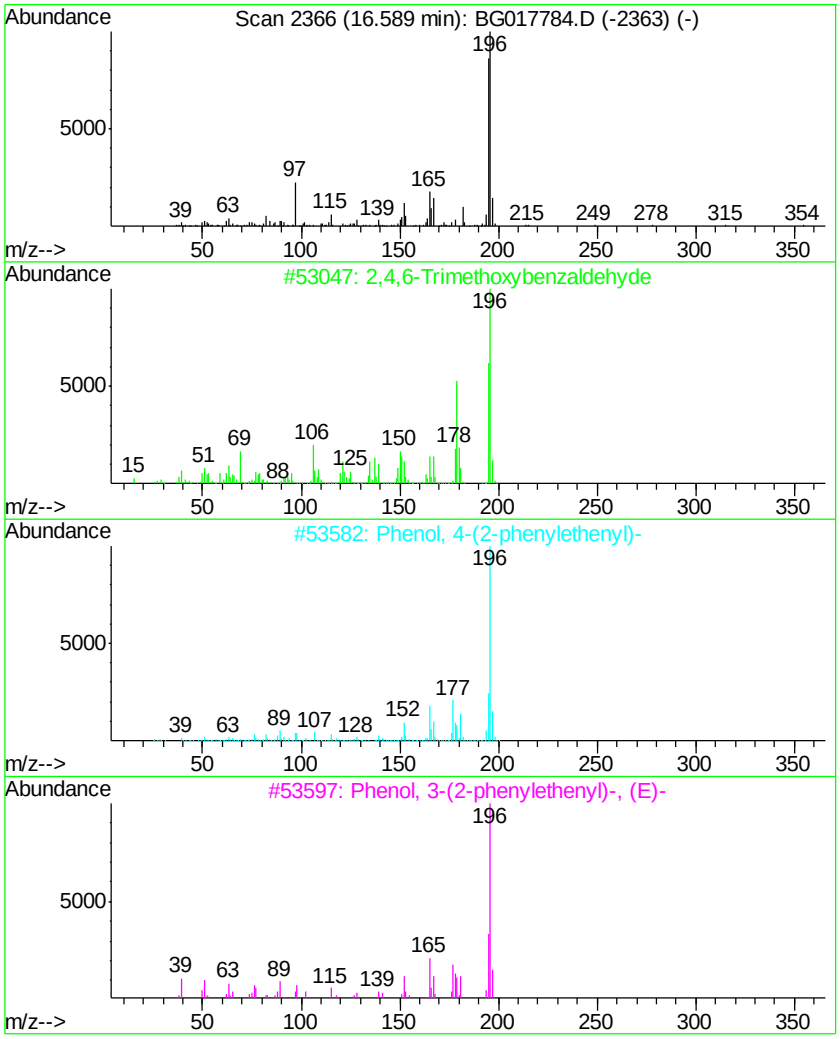
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

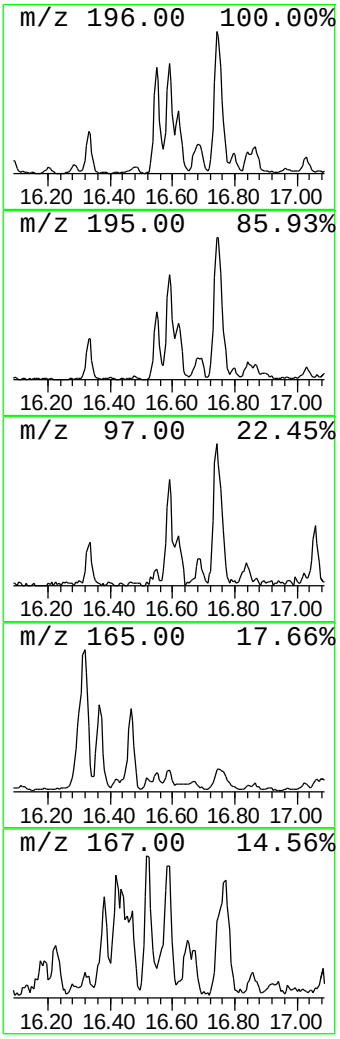
****

Peak Number 19 2,4,6-Trimethoxybenzaldehyde Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.09 ng/ul	211548	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

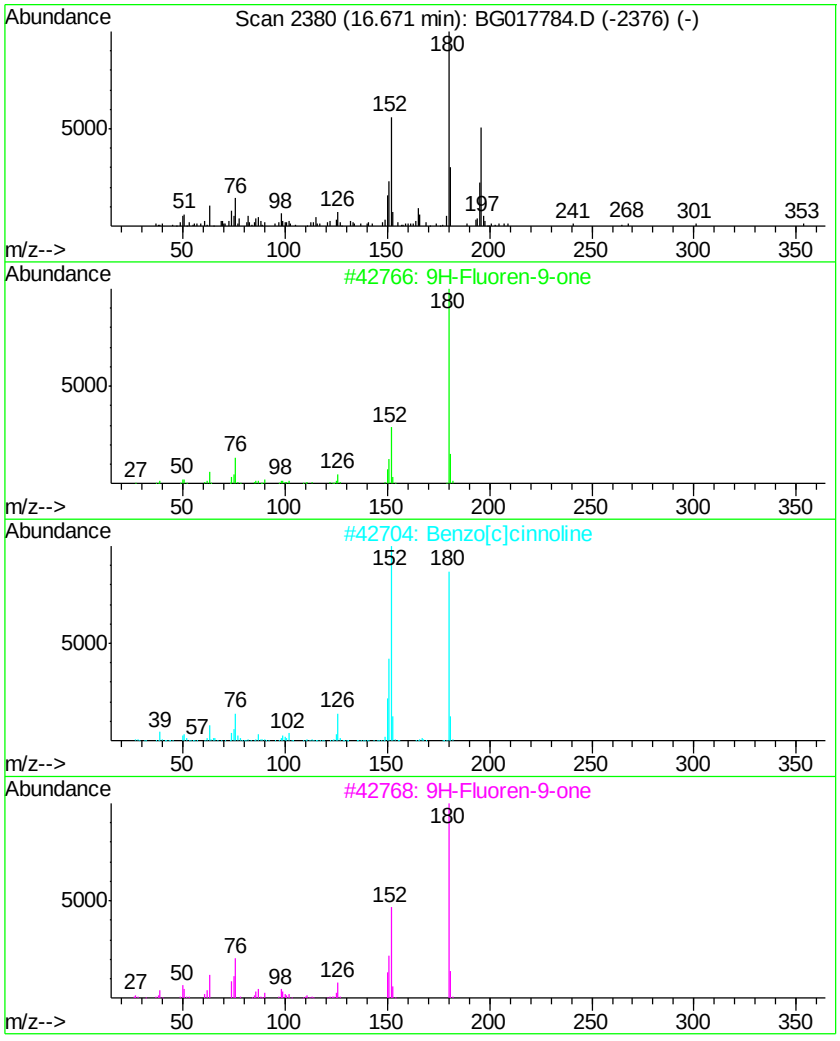
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

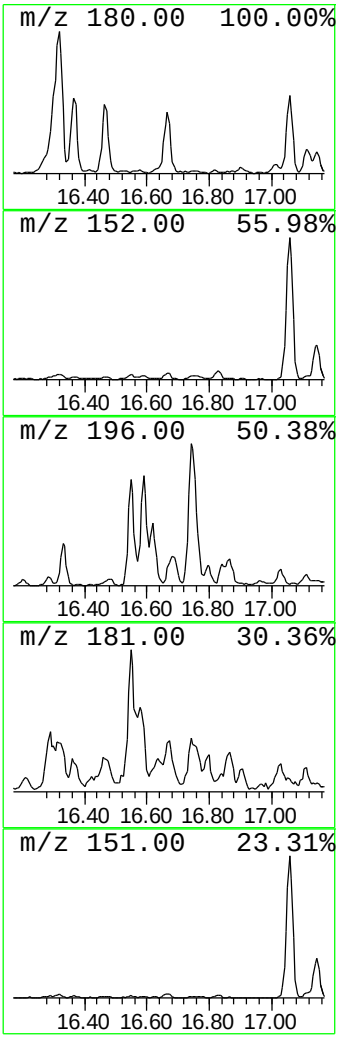
****

Peak Number 20 9H-Fluoren-9-one Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.31 ng/ul	226296	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

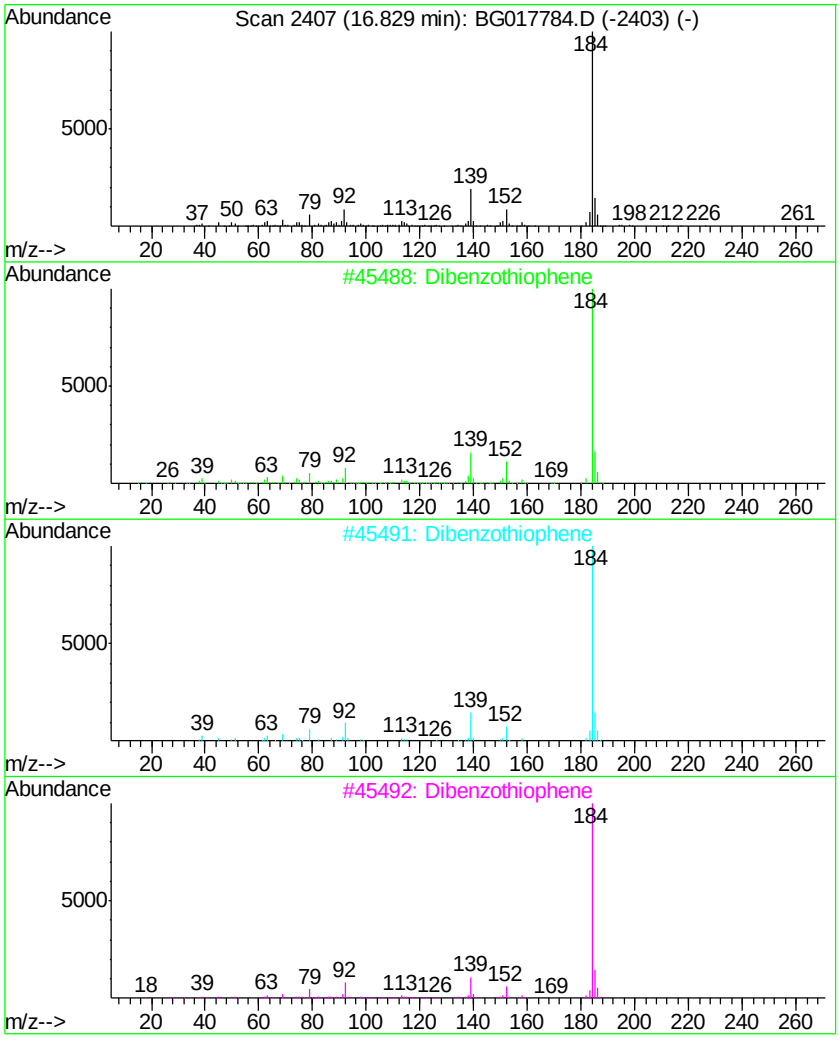
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

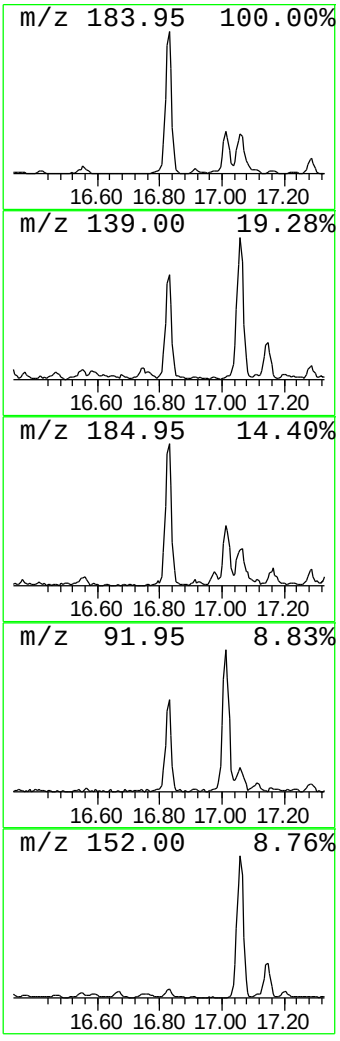
****

Peak Number 22 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	7.71 ng/ul	526826	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

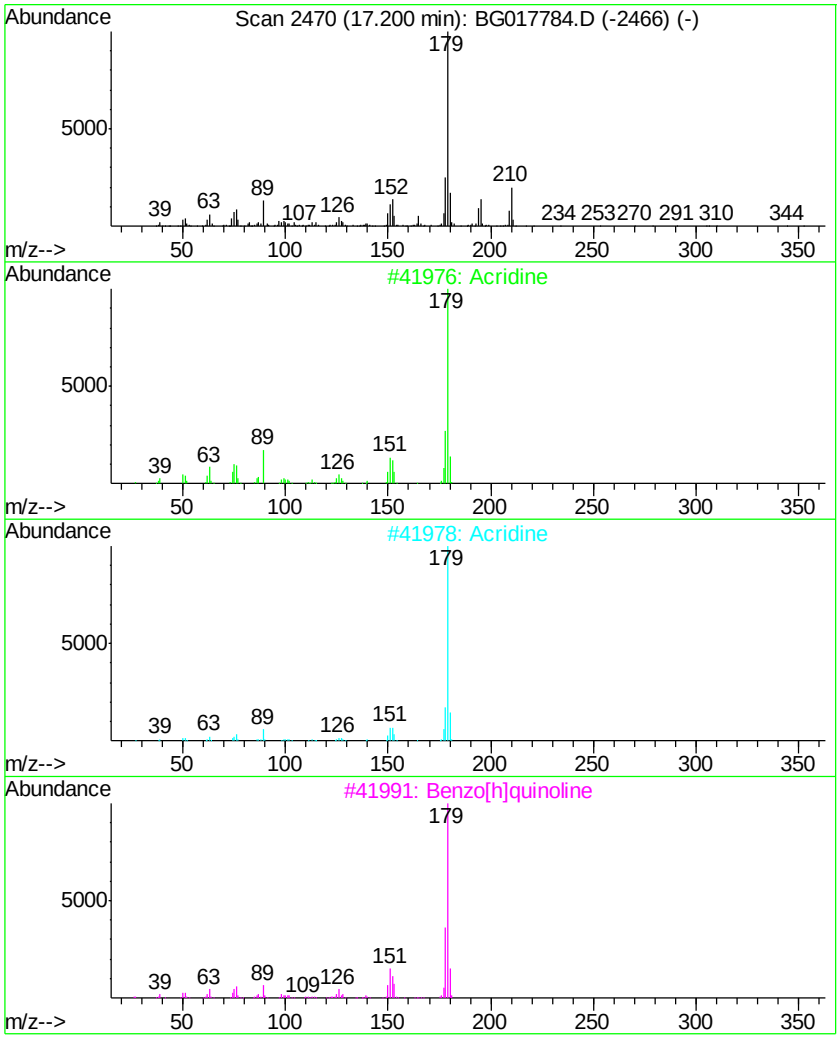
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

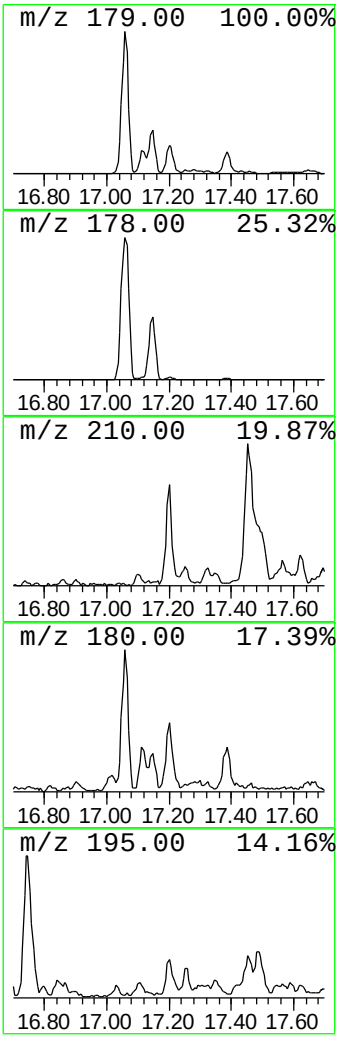
****

Peak Number 23 Acridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	6.66 ng/ul	455266	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Acridine	179	C13H9N	000260-94-6	93
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	92
4	Acridine	179	C13H9N	000260-94-6	91
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

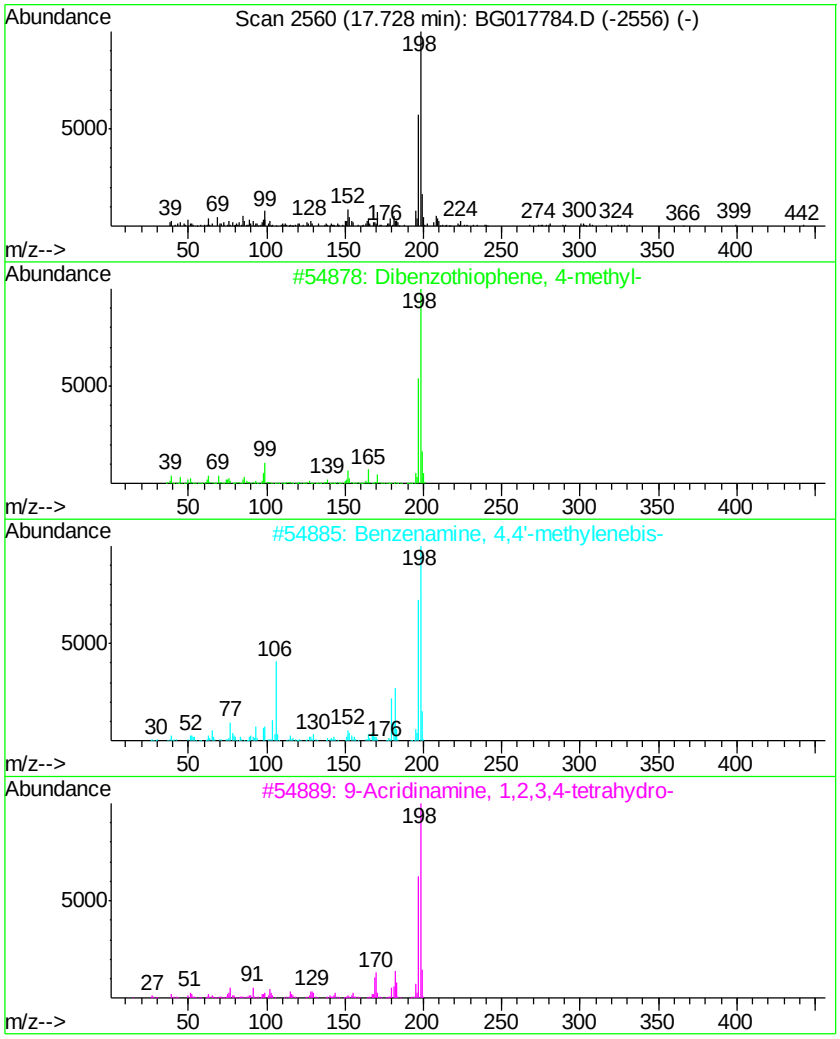
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

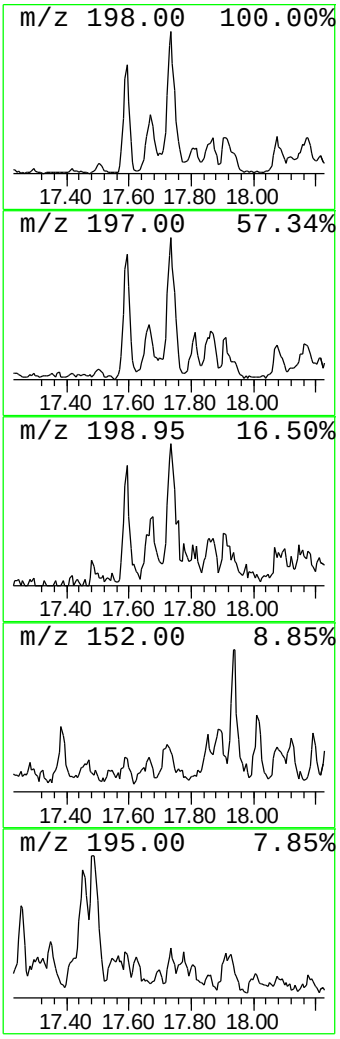
****

Peak Number 24 Dibenzothiophene, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.14 ng/ul	214536	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	90
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	86
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	80
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

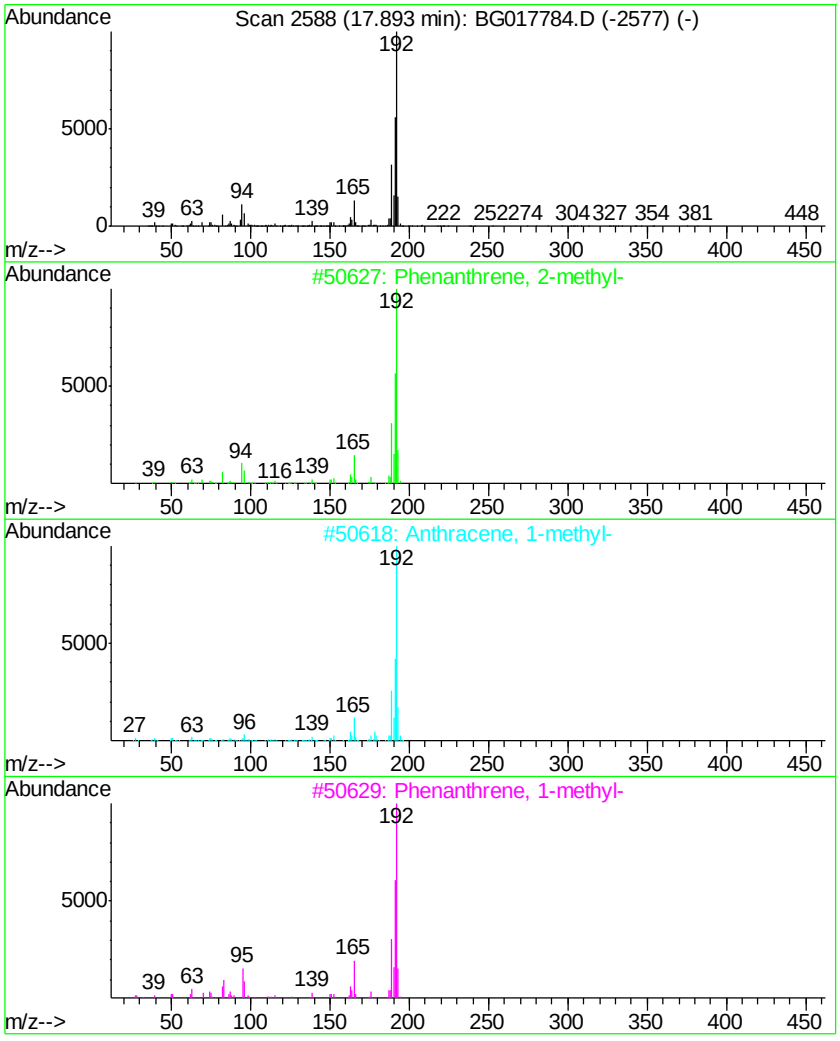
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

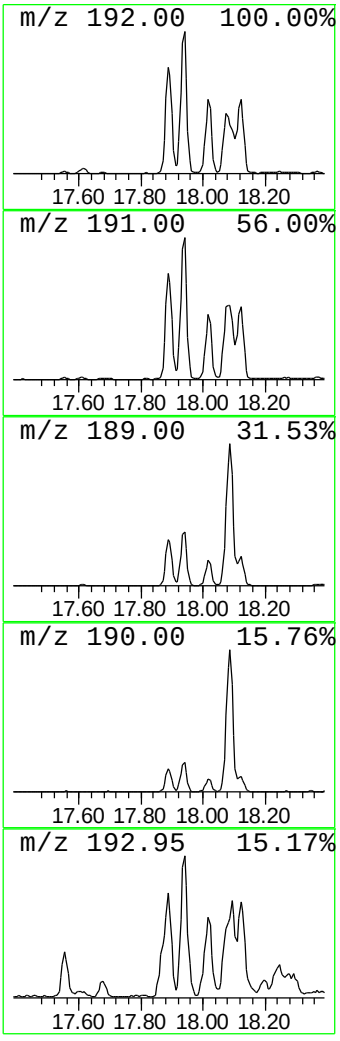
****

Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	22.37 ng/ul	1529410	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

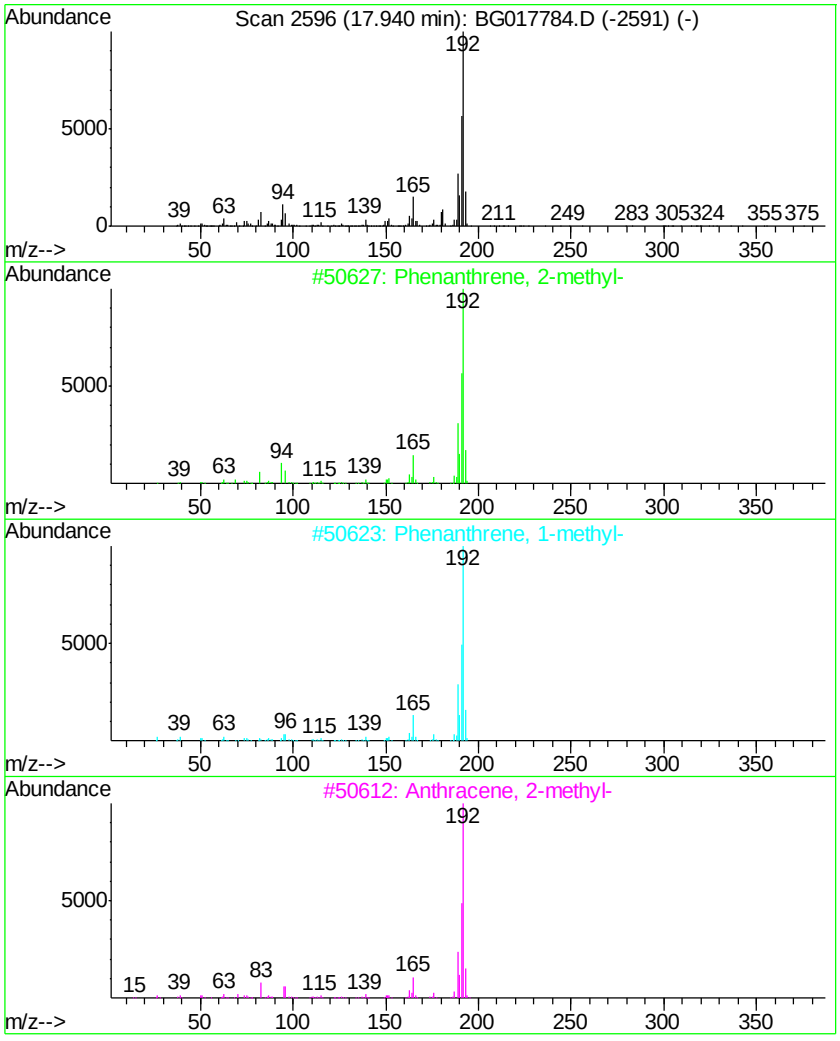
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

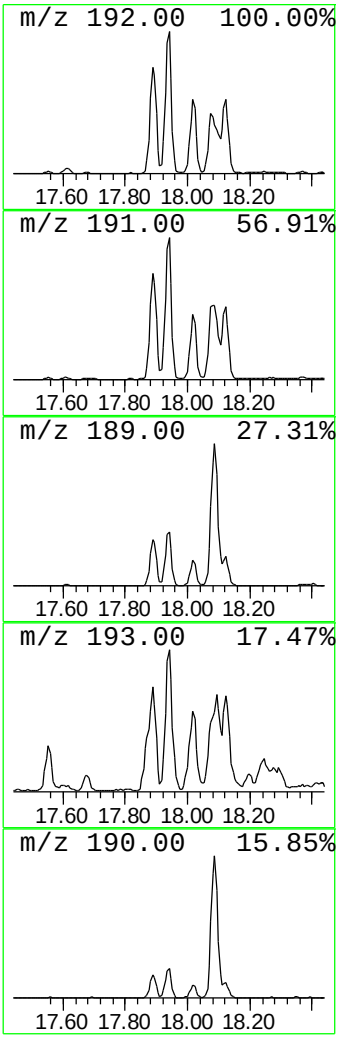
****

Peak Number 26 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	29.96 ng/ul	2048130	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

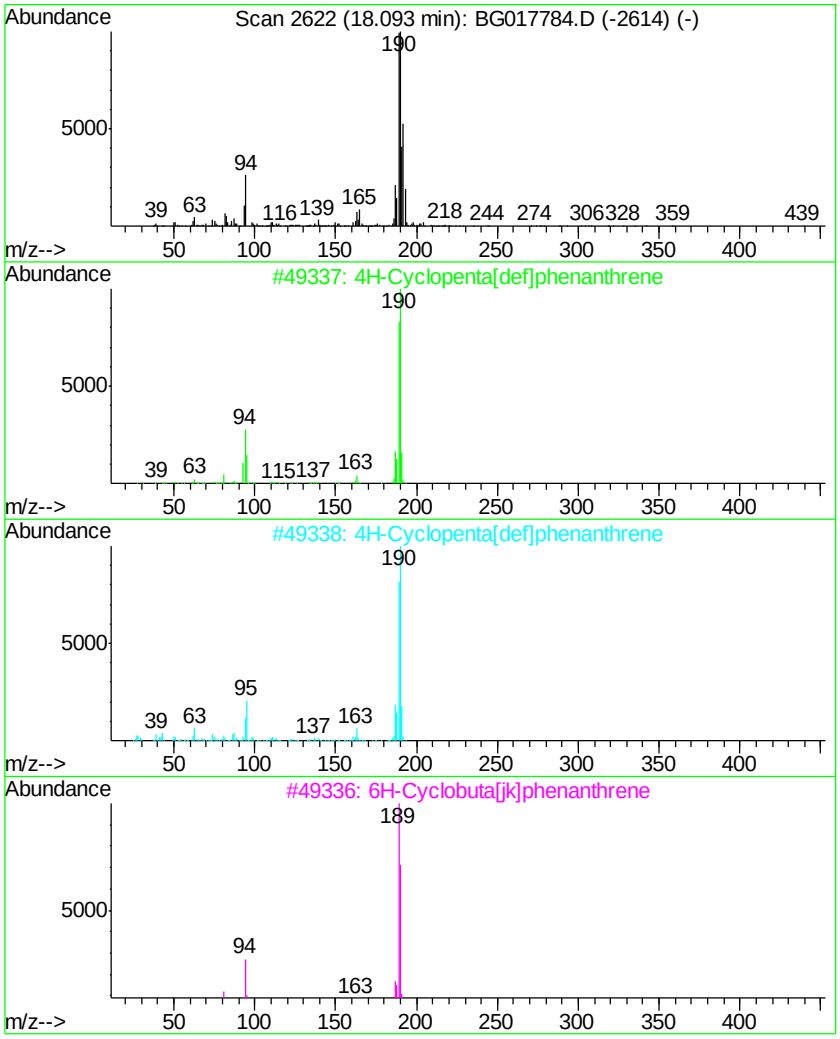
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

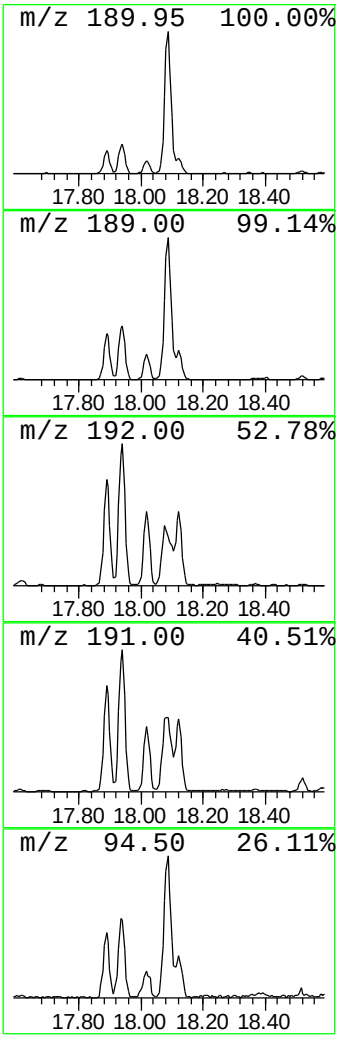
****

Peak Number 28 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	37.25 ng/ul	2546540	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

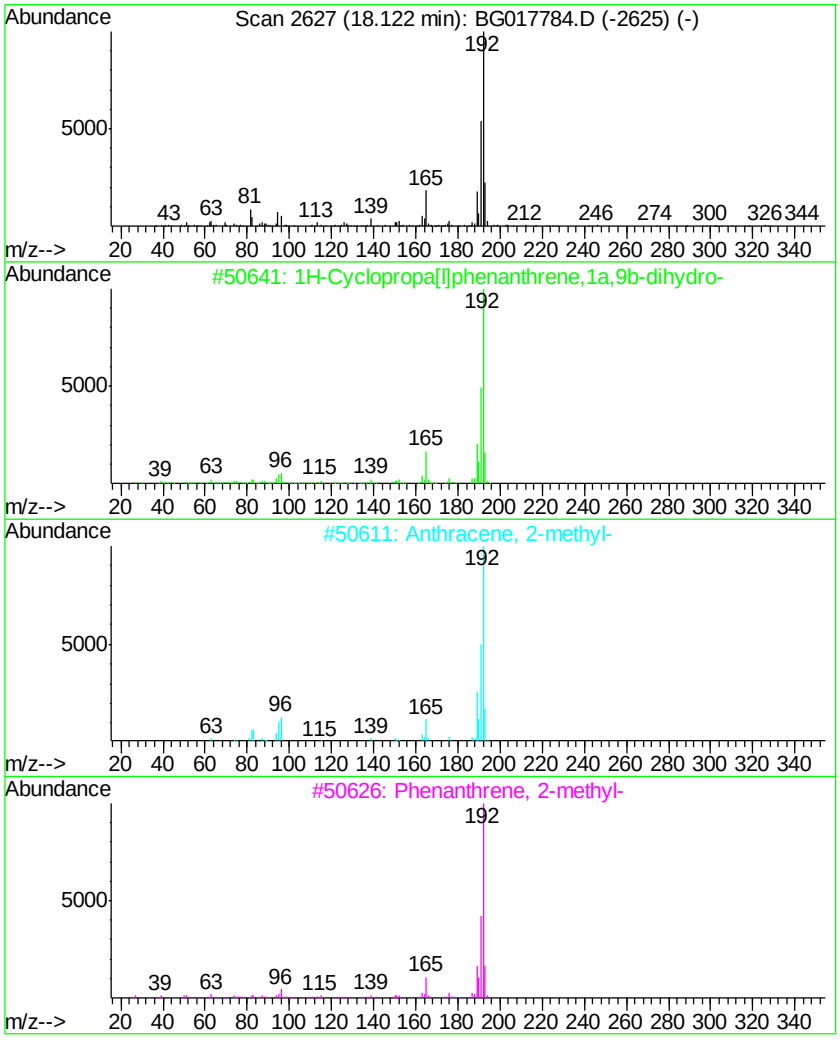
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

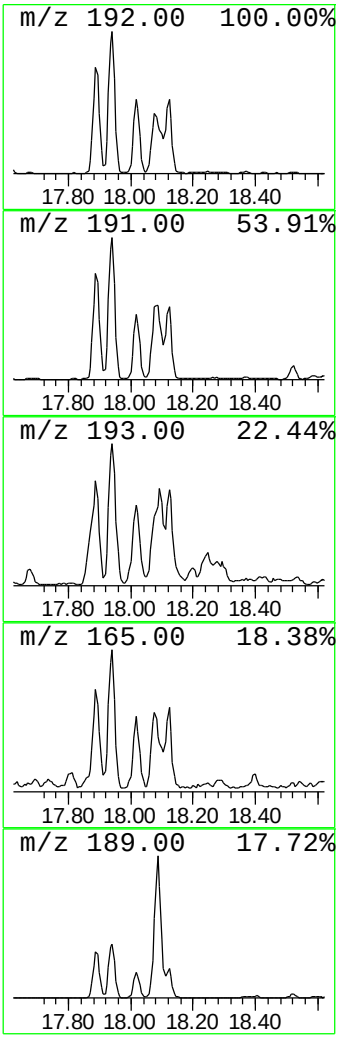
****

Peak Number 29 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	10.62 ng/ul	725837	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

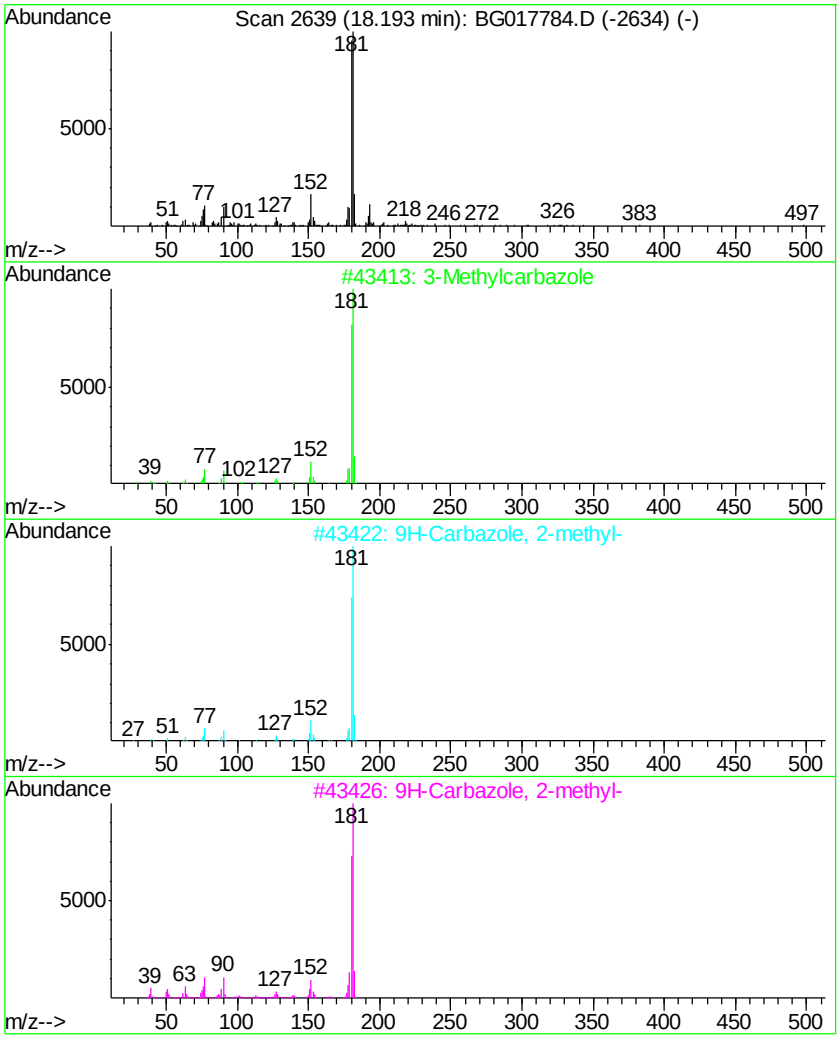
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

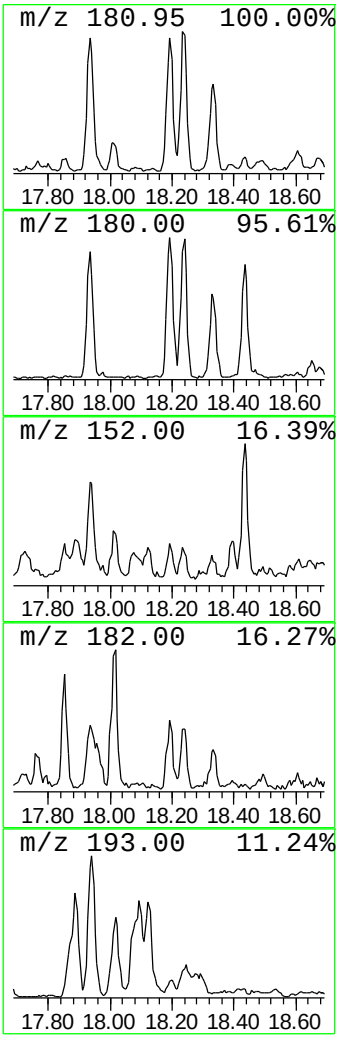
****

Peak Number 30 3-Methylcarbazole Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.96 ng/ul	202225	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	95
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93
4	4-Methylcarbazole	181	C13H11N	003770-48-7	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

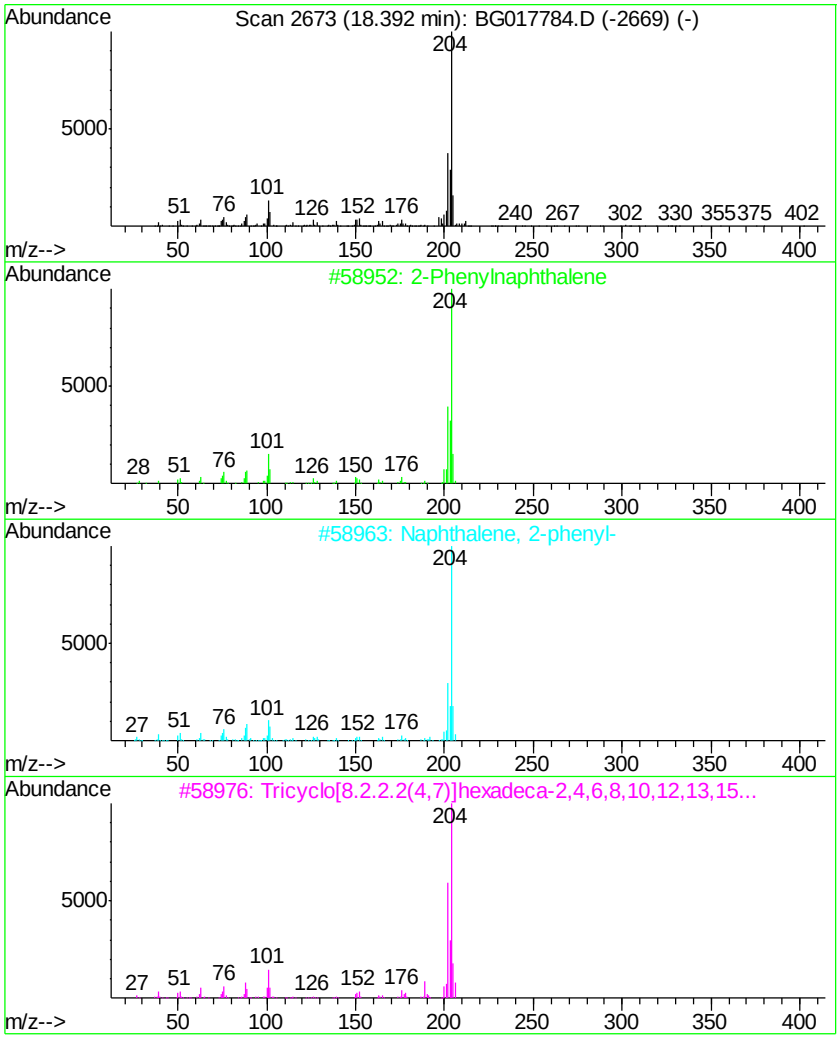
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

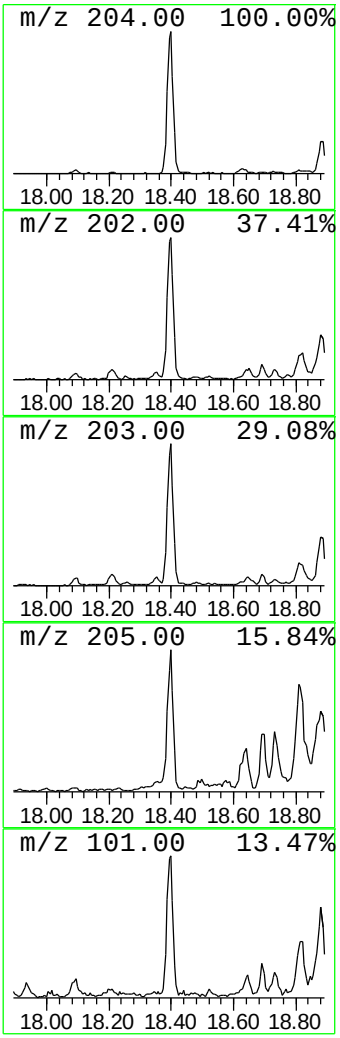
****

Peak Number 31 2-Phenylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	11.30 ng/ul	772181	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017784.D
Acq On : 7 Jul 2015 00:16
Operator : TP/UM
Sample : G2860-15 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G93K0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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...	2.89	10.6	ng/ul	287687	1	7.60	545206	20.0
Indene	8.13	13.8	ng/ul	375066	1	7.60	545206	20.0
Naphthalene, 1-me...	12.28	14.2	ng/ul	621422	2	10.38	873171	20.0
Naphthalene, 2,7-...	13.42	3.5	ng/ul	241609	3	14.26	1361290	20.0
Naphthalene, 1,3-...	13.57	8.3	ng/ul	565479	3	14.26	1361290	20.0
Naphthalene, 2,3-...	13.82	3.5	ng/ul	234932	3	14.26	1361290	20.0
Benzene, [1-(2,4-...	14.57	3.0	ng/ul	207374	3	14.26	1361290	20.0
Naphthalene, 1,4,...	14.74	3.0	ng/ul	201005	3	14.26	1361290	20.0
Azulene, 4,6,8-tr...	14.88	3.3	ng/ul	227088	3	14.26	1361290	20.0
Naphthalene, 1,6,...	15.06	3.0	ng/ul	206582	3	14.26	1361290	20.0
1,1'-Biphenyl, 2-...	15.47	3.2	ng/ul	218281	3	14.26	1361290	20.0
Dibenzofuran, 4-m...	15.61	9.2	ng/ul	625587	3	14.26	1361290	20.0
unknown-01	15.75	12.9	ng/ul	883783	4	17.01	1367100	20.0
[1,1'-Biphenyl]-4...	15.84	3.4	ng/ul	228806	4	17.01	1367100	20.0
9H-Fluorene, 1-me...	16.32	12.1	ng/ul	830053	4	17.01	1367100	20.0
9H-Fluorene, 9-me...	16.37	3.3	ng/ul	223272	4	17.01	1367100	20.0
9H-Fluorene, 2-me...	16.47	4.1	ng/ul	282836	4	17.01	1367100	20.0
2,4,6(1H,3H,5H)-P...	16.55	3.6	ng/ul	248161	4	17.01	1367100	20.0
2,4,6-Trimethoxyb...	16.59	3.1	ng/ul	211548	4	17.01	1367100	20.0
9H-Fluoren-9-one	16.67	3.3	ng/ul	226296	4	17.01	1367100	20.0
Dibenzothiophene	16.83	7.7	ng/ul	526826	4	17.01	1367100	20.0
Acridine	17.20	6.7	ng/ul	455266	4	17.01	1367100	20.0
Dibenzothiophene,...	17.73	3.1	ng/ul	214536	4	17.01	1367100	20.0
Phenanthrene, 2-m...	17.89	22.4	ng/ul	1529410	4	17.01	1367100	20.0
Phenanthrene, 1-m...	17.94	30.0	ng/ul	2048130	4	17.01	1367100	20.0
4H-Cyclopenta[def...	18.09	37.3	ng/ul	2546540	4	17.01	1367100	20.0
1H-Cyclopropa[l]p...	18.12	10.6	ng/ul	725837	4	17.01	1367100	20.0
3-Methylcarbazole	18.19	3.0	ng/ul	202225	4	17.01	1367100	20.0
2-Phenylnaphthalene	18.39	11.3	ng/ul	772181	4	17.01	1367100	20.0