LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM-EPA-BM062017.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	7.463	772	778	784	rBV	361789	545943	2.76%	0.382%
2	9.634	1138	1147	1157	rBV3	99025	203599	1.03%	0.142%
3	10.228	1239	1248	1251	rBV	494517	881803	4.46%	0.616%
4	10.287	1251	1258	1265	rVV	8655022	14150331	71.65%	9.891%
5	10.392	1265	1276	1284	rVB	176985	353568	1.79%	0.247%
6	11.904	1521	1533	1540	rVB	3057207	4811557	24.36%	3.363%
7	12.122	1559	1570	1577	rBV	1498947	2420740	12.26%	1.692%
8	12.933	1702	1708	1716	rBV	856173	1279448	6.48%	0.894%
9	13.133	1736	1742	1754	rVB	360240	616531	3.12%	0.431%
10	13.269	1754	1765	1766	rBV	461251	670079	3.39%	0.468%
11	13.428	1783	1792	1797	rBV	707268	1220401	6.18%	0.853%
12	13.480	1797	1801	1806	rVV	457898	656281	3.32%	0.459%
13	13.669	1827	1833	1836	rBV	313453	452758	2.29%	0.316%
14	13.798	1849	1855	1857	rBV	155441	215113	1.09%	0.150%
15	13.833	1857	1861	1866	rVB	272081	408625	2.07%	0.286%
16	14.110	1900	1908	1914	rBV3	881514	1816350	9.20%	1.270%
17	14.180	1914	1920	1928	rVV	3786569	5509870	27.90%	3.852%
18	14.328	1939	1945	1954	rBV3	148007	333317	1.69%	0.233%
19	14.428	1954	1962	1967	rBV2	191427	295228	1.49%	0.206%
20	14.516	1967	1977	1985	rBV	2758377	4042492	20.47%	2.826%
21	14.598	1985	1991	1995	rBV	177875	246676	1.25%	0.172%
22	14.739	2006	2015	2020	rBV2	136451	238847	1.21%	0.167%
23	14.792	2020	2024	2029	rVB	160098	220083	1.11%	0.154%
24	14.910	2037	2044	2047	rBV	121014	221004	1.12%	0.154%
25	15.110	2074	2078	2083	rVB3	245623	382911	1.94%	0.268%
26	15.175	2083	2089	2094	rBV	3955810	5232790	26.49%	3.658%
27	15.269	2099	2105	2107	rVV4	152238	267040	1.35%	0.187%
28	15.298	2107	2110	2112	rVV	244413	315949	1.60%	0.221%
29	15.333	2112	2116	2121	rVB	456569	616314	3.12%	0.431%
30	15.422	2127	2131	2134	rVB	194905	260386	1.32%	0.182%
31	15.469	2134	2139	2148	rVB	581685	880414	4.46%	0.615%
32	15.616	2148	2164	2172	rBV	598104	1318472	6.68%	0.922%
33	15.704	2172	2179	2185	rVB3	126413	237446	1.20%	0.166%
34	15.845	2198	2203	2209	rBV4	115695	200188	1.01%	0.140%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	15.969	2218	2224	2231	rBV4	138084	249790	1.26%	0.175%
36	16.174	2248	2259	2264	rBV2	425033	967875	4.90%	0.677%
37	16.221	2264	2267	2273	rVB2	165604	238453	1.21%	0.167%
38	16.327	2279	2285	2290	rVB4	181980	338305	1.71%	0.236%
39	16.445	2302	2305	2309	rVB3	164483	208158	1.05%	0.146%
40	16.610	2327	2333	2339	rBV3	249732	606066	3.07%	0.424%
41	16.686	2339	2346	2351	rVB	760856	1058339	5.36%	0.740%
42	16.869	2367	2377	2380	rBV	997135	1575415	7.98%	1.101%
43	16.927	2380	2387	2391	rVV	13584868	19750252	100.00%	13.806%
44	16.969	2391	2394	2396	rVV2	308896	421973	2.14%	0.295%
45	17.004	2396	2400	2406	rVB	2440850	3213242	16.27%	2.246%
46	17.274	2441	2446	2451	rBV	1030066	1364393	6.91%	0.954%
47	17.398	2463	2467	2472	rBV2	174916	256230	1.30%	0.179%
48	17.451	2472	2476	2487	rVB3	96417	204789	1.04%	0.143%
49	17.745	2517	2526	2530	rBV	894109	1268425	6.42%	0.887%
50	17.792	2530	2534	2542	rVB	1244627	1681047	8.51%	1.175%
51	17.874	2542	2548	2553	rBV	496649	738716	3.74%	0.516%
52	17.939	2553	2559	2563	rVV2	1425640	2422512	12.27%	1.693%
53	17.974	2563	2565	2573	rVB	463350	553512	2.80%	0.387%
54	18.257	2608	2613	2617	rBV	630573	833073	4.22%	0.582%
55	18.504	2646	2655	2659	rBV	168602	285635	1.45%	0.200%
56	18.674	2678	2684	2689	rBV	301924	559827	2.83%	0.391%
57	18.739	2689	2695	2698	rBV	196333	300734	1.52%	0.210%
58	18.951	2723	2731	2736	rBV	9144958	12259568	62.07%	8.570%
59	19.186	2766	2771	2776	rVB	225099	305552	1.55%	0.214%
60	19.315	2782	2793	2800	rBV	5530390	10584908	53.59%	7.399%
61	19.380	2800	2804	2812	rVB2	321947	528570	2.68%	0.369%
62	19.492	2812	2823	2828	rBV	352014	575924	2.92%	0.403%
63	19.645	2838	2849	2853	rBV3	376172	1011364	5.12%	0.707%
64	19.686	2853	2856	2860	rVB	198715	270999	1.37%	0.189%
65	19.768	2865	2870	2872	rVV4	294159	542145	2.75%	0.379%
66	19.810	2873	2877	2882	rVB	1178001	1599346	8.10%	1.118%
67	19.910	2889	2894	2898	rBV	1213366	1585455	8.03%	1.108%
68	19.968	2898	2904	2908	rVV2	496036	844963	4.28%	0.591%
69	20.009	2908	2911	2915	rVV	238233	306448	1.55%	0.214%
70	20.109	2923	2928	2931	rVV	222870	301472	1.53%	0.211%
71	20.151	2931	2935	2945	rVB2	262423	469643	2.38%	0.328%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	20.404	2974	2978	2981	rVV4	167364	282075	1.43%	0.197%
73	20.439	2981	2984	2988	rVB2	126779	219795	1.11%	0.154%
74	20.521	2994	2998	3003	rBV2	188662	338335	1.71%	0.237%
75	20.727	3029	3033	3036	rBV	446081	545801	2.76%	0.382%
76	20.768	3036	3040	3043	rVV	365659	444432	2.25%	0.311%
77	20.798	3043	3045	3051	rVB2	187609	307360	1.56%	0.215%
78	20.968	3070	3074	3081	rVB	154623	259798	1.32%	0.182%
79	21.074	3082	3092	3097	rBV3	3082052	6079858	30.78%	4.250%
80	21.121	3097	3100	3107	rVB	2160276	2624432	13.29%	1.835%
81	21.233	3116	3119	3123	rBV	426537	532255	2.69%	0.372%
82	21.392	3141	3146	3151	rBV2	308761	508516	2.57%	0.355%
83	21.621	3179	3185	3189	rVV	329782	499069	2.53%	0.349%
84	21.668	3190	3193	3199	rVB2	181192	246823	1.25%	0.173%
85	21.809	3214	3217	3219	rVV2	165189	207759	1.05%	0.145%
86	21.839	3219	3222	3228	rVB3	288608	396829	2.01%	0.277%
87	21.903	3228	3233	3241	rVB4	133078	280536	1.42%	0.196%
88	22.592	3343	3350	3354	rBV	1038198	2167370	10.97%	1.515%
89	22.750	3372	3377	3382	rVB	194533	298646	1.51%	0.209%
90	23.039	3420	3426	3431	rBV	488308	811080	4.11%	0.567%
91	23.127	3436	3441	3449	rVB	755637	1384399	7.01%	0.968%
92	23.221	3450	3457	3462	rBV	848534	1569532	7.95%	1.097%
93	23.268	3462	3465	3473	rVB2	200143	373726	1.89%	0.261%
94	25.327	3809	3815	3826	rVB3	228313	598757	3.03%	0.419%
95	25.974	3919	3925	3934	rVB2	105374	274150	1.39%	0.192%

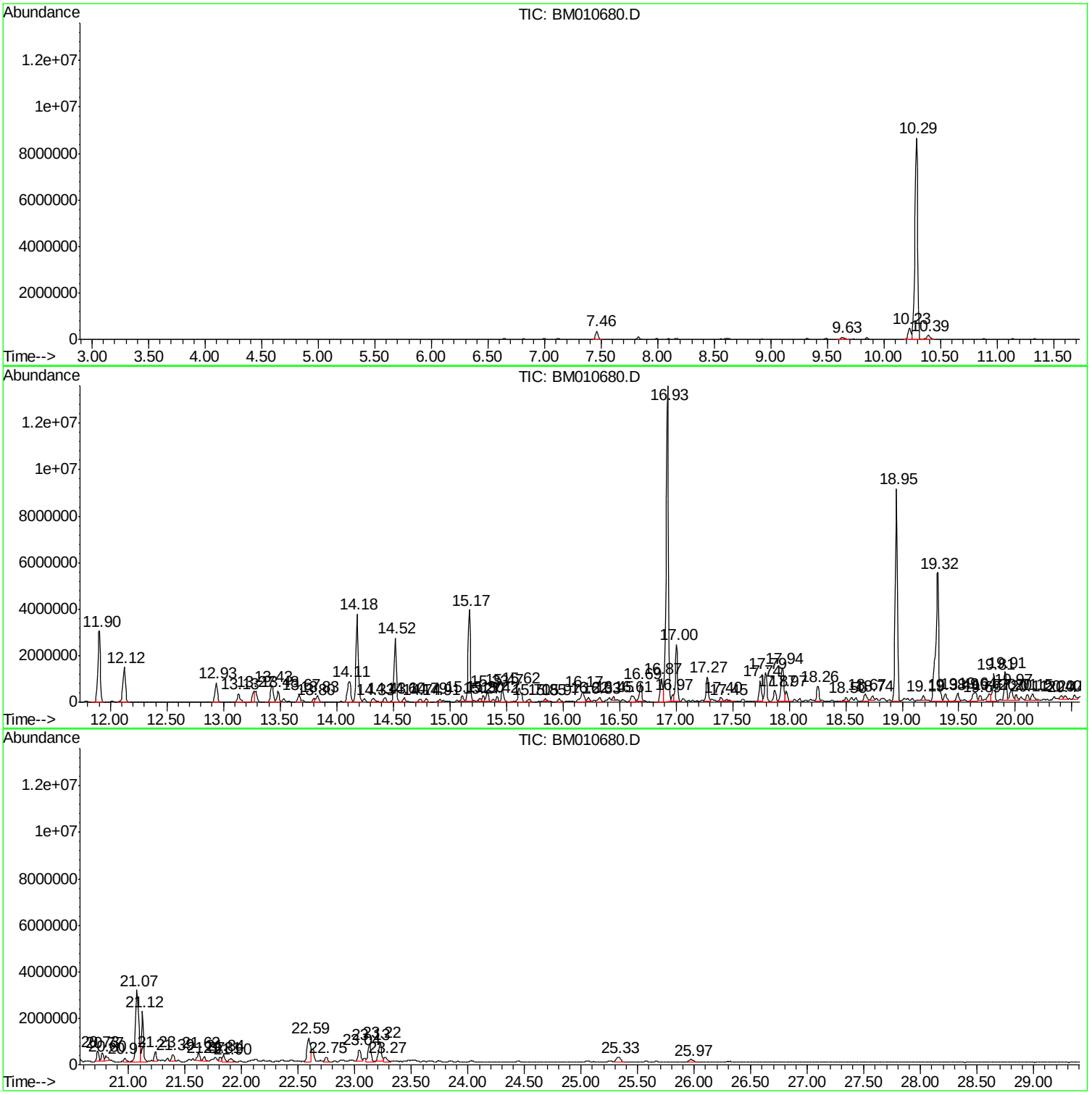
Sum of corrected areas: 143057005

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

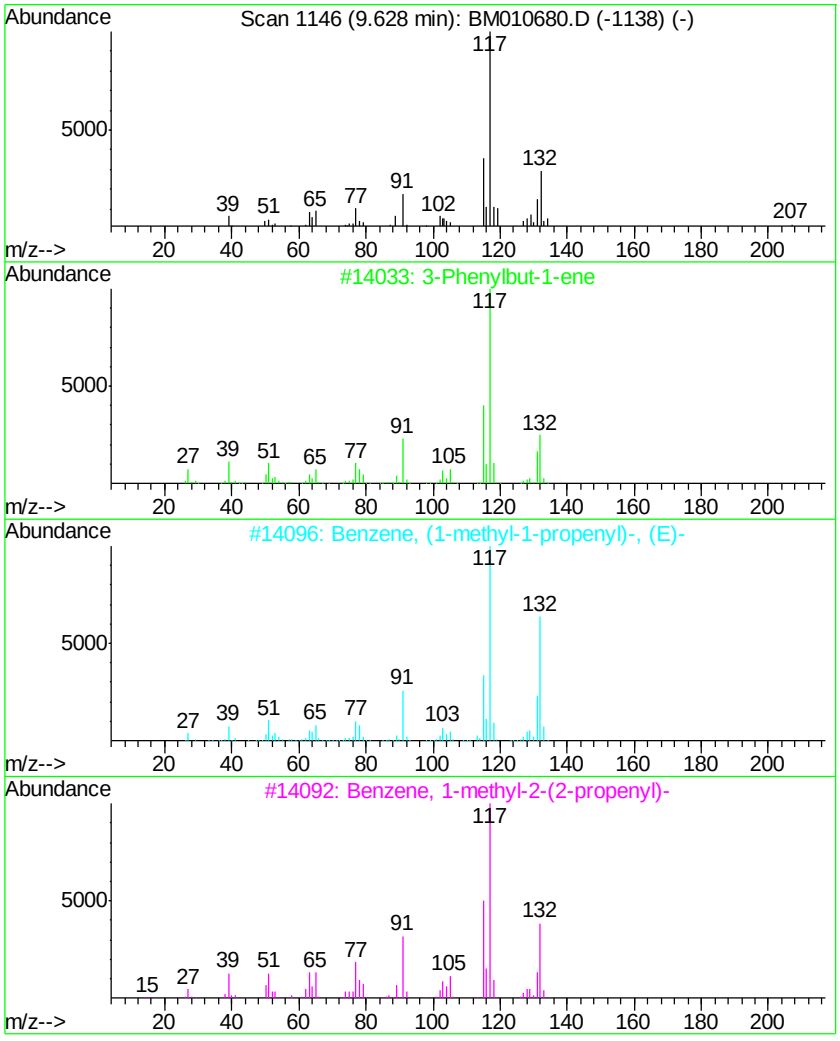
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

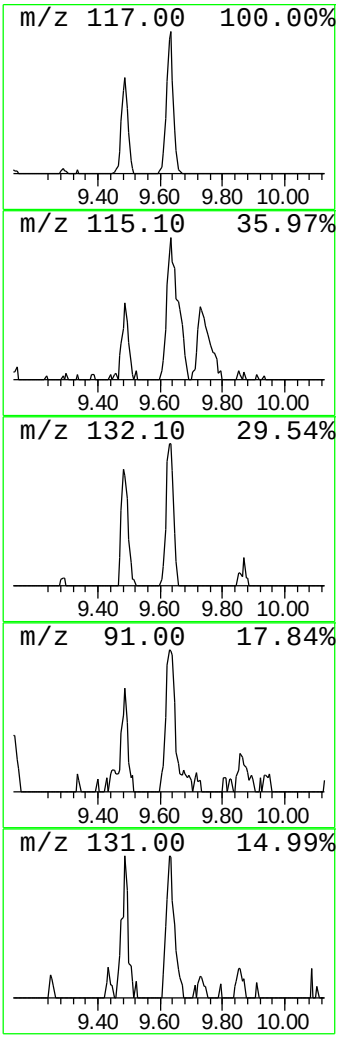
****

Peak Number 1 3-Phenylbut-1-ene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	4.62 ng/ul	203599	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

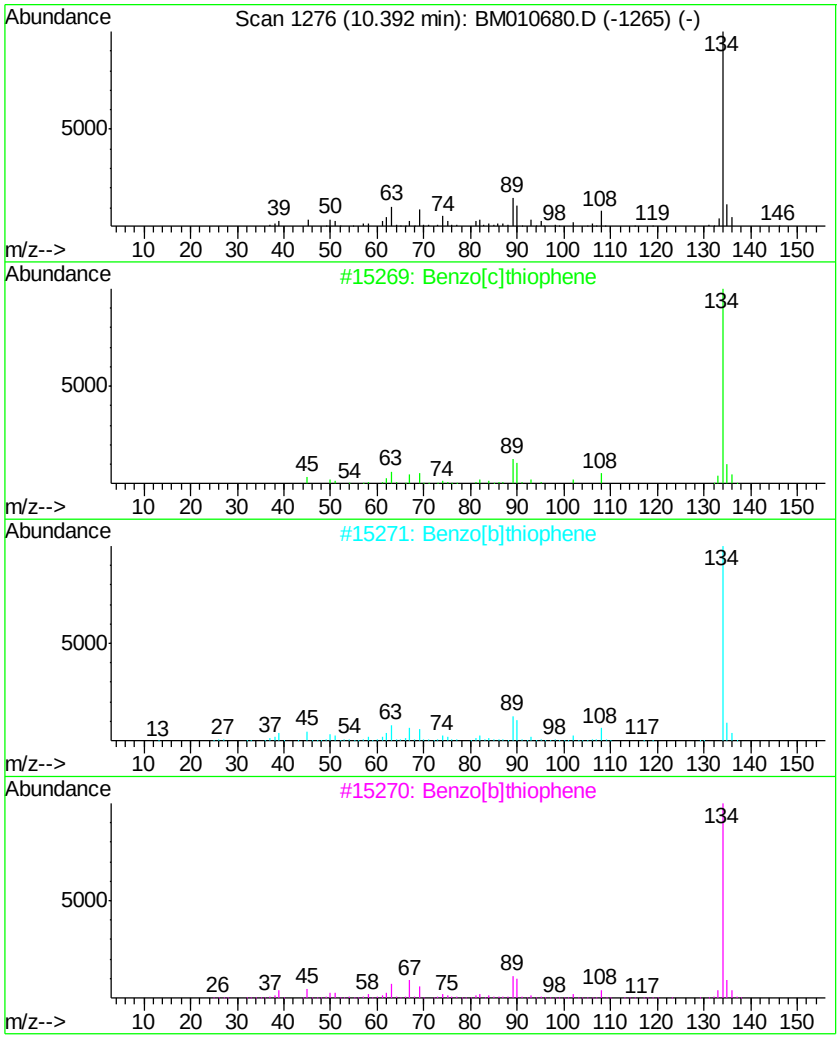
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

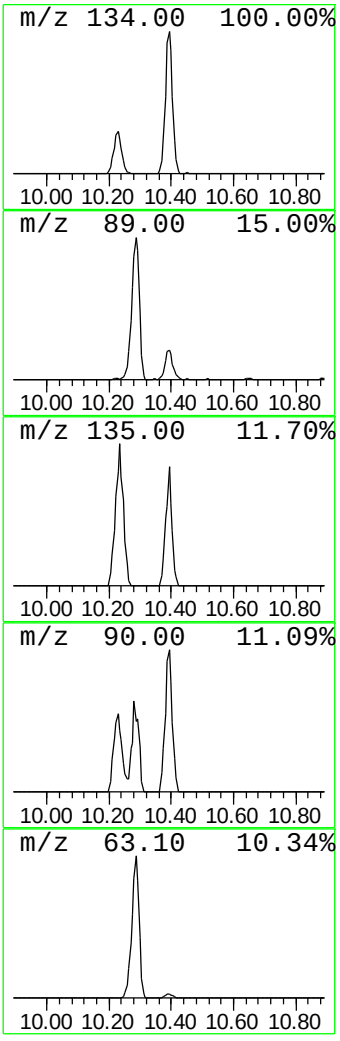
****

Peak Number 2 Benzo[c]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	8.02 ng/ul	353568	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

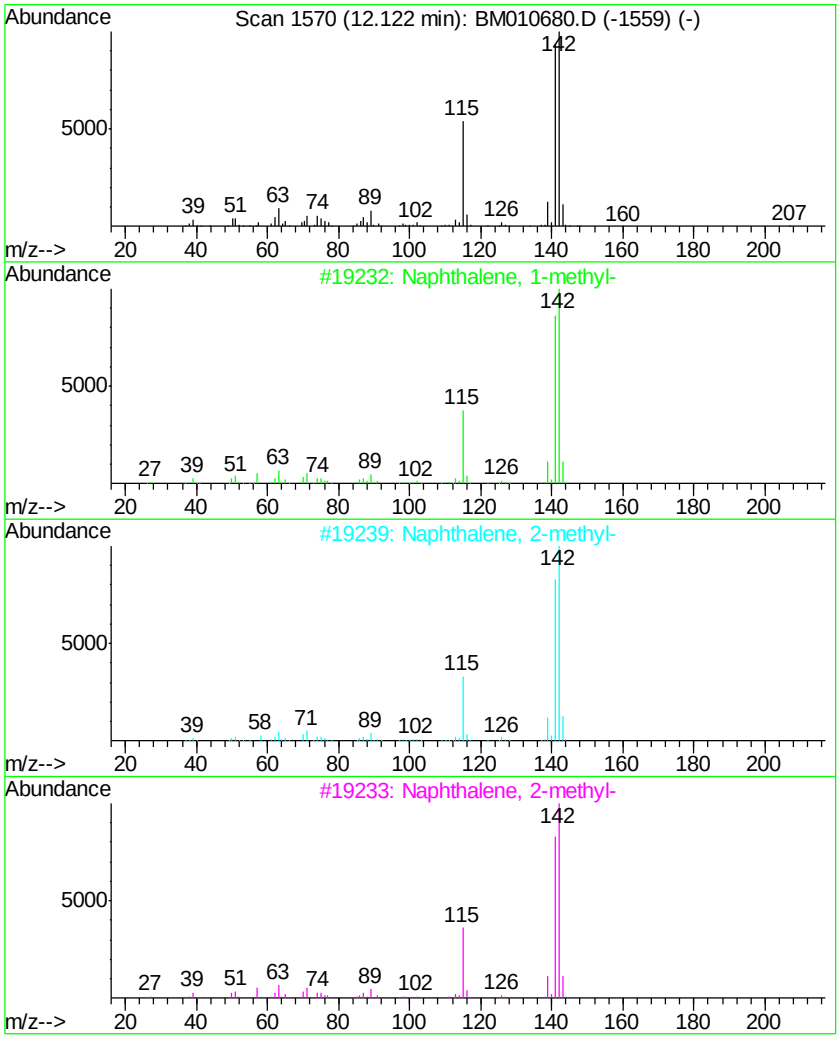
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

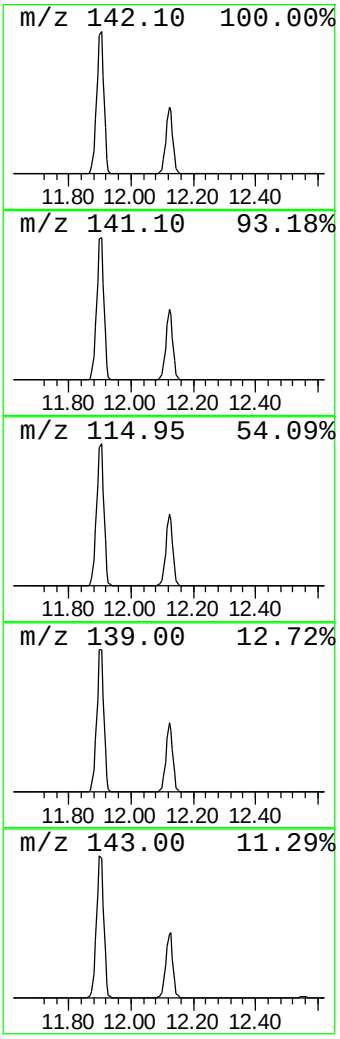
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	54.90 ng/ul	2420740	Naphthalene-d8	10.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

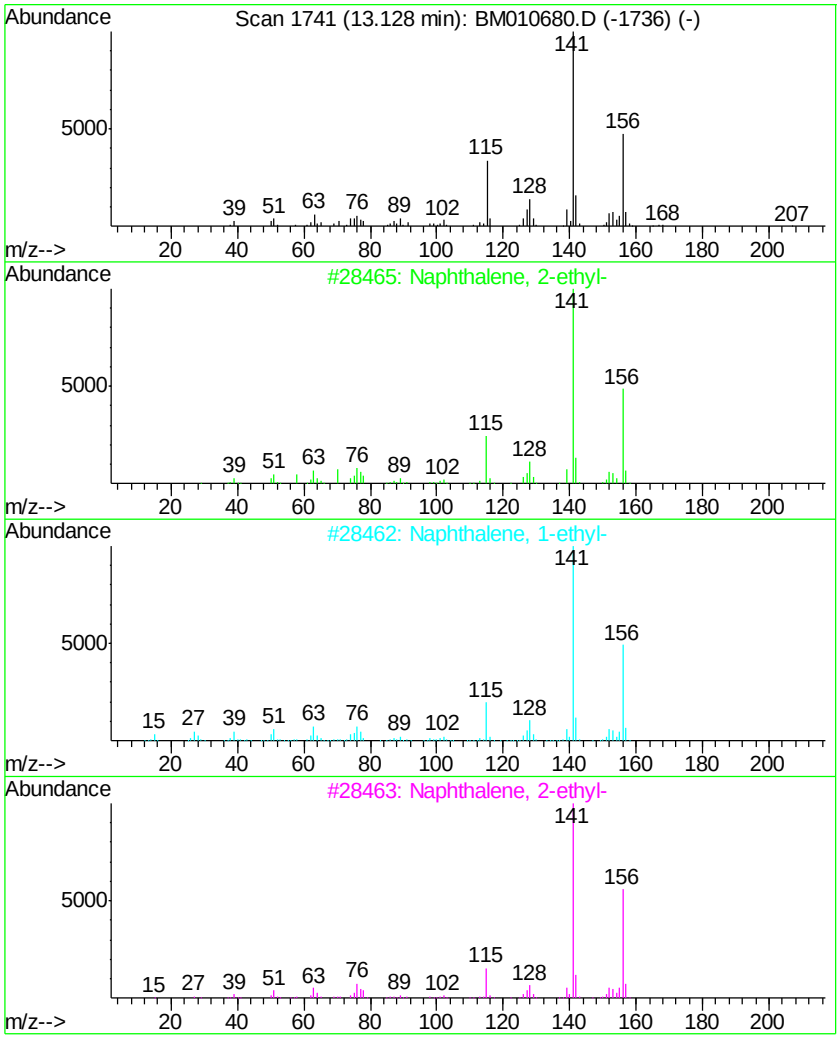
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

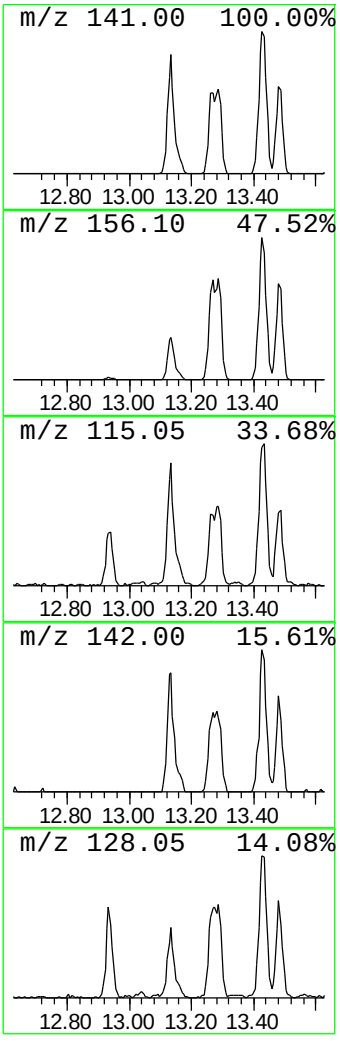
****

Peak Number 4 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.79 ng/ul	616531	Acenaphthene-d10	14.12

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

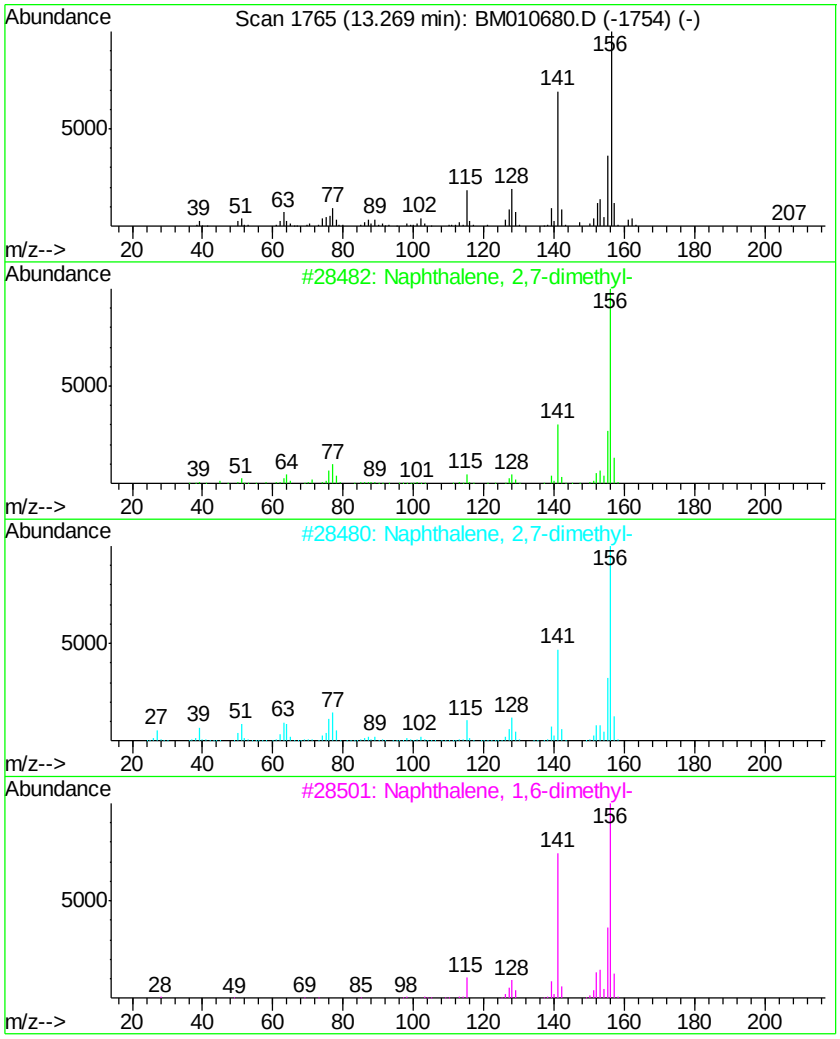
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

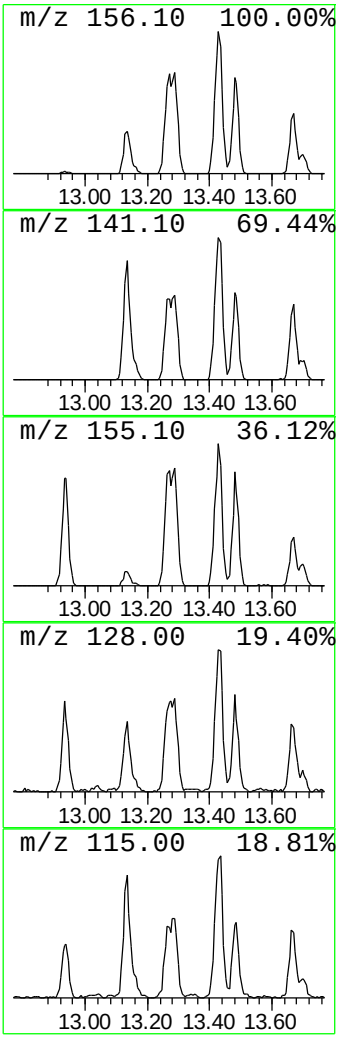
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.38 ng/ul	670079	Acenaphthene-d10	14.12

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	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

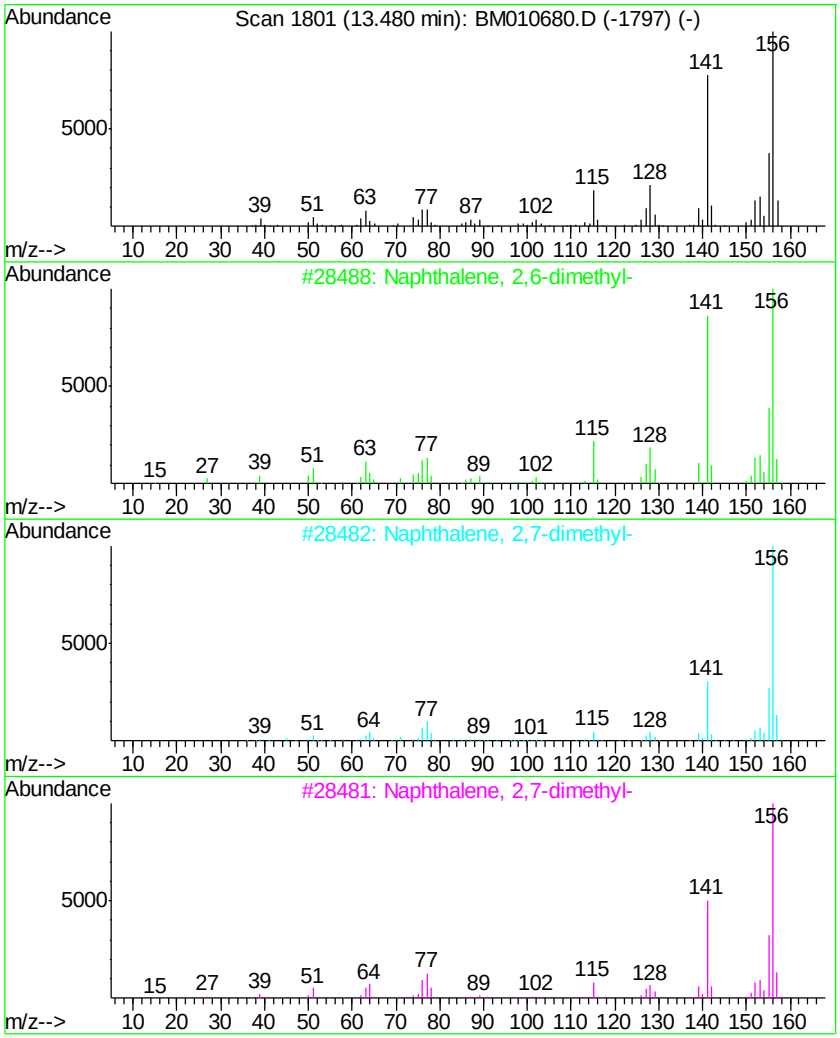
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

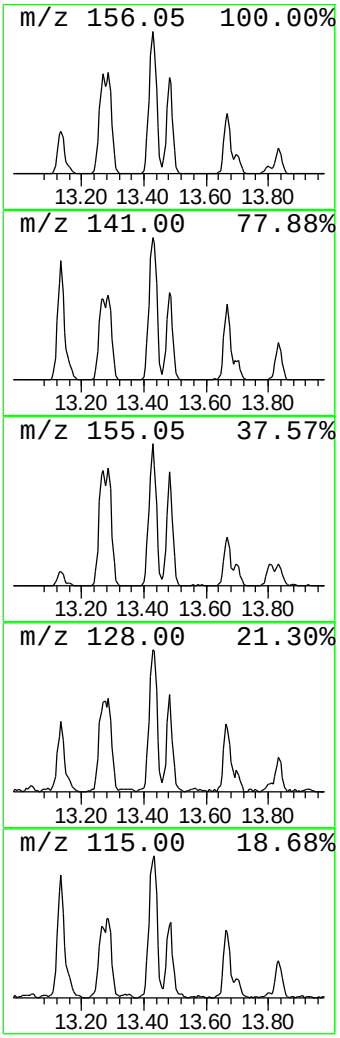
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	7.23 ng/ul	656281	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

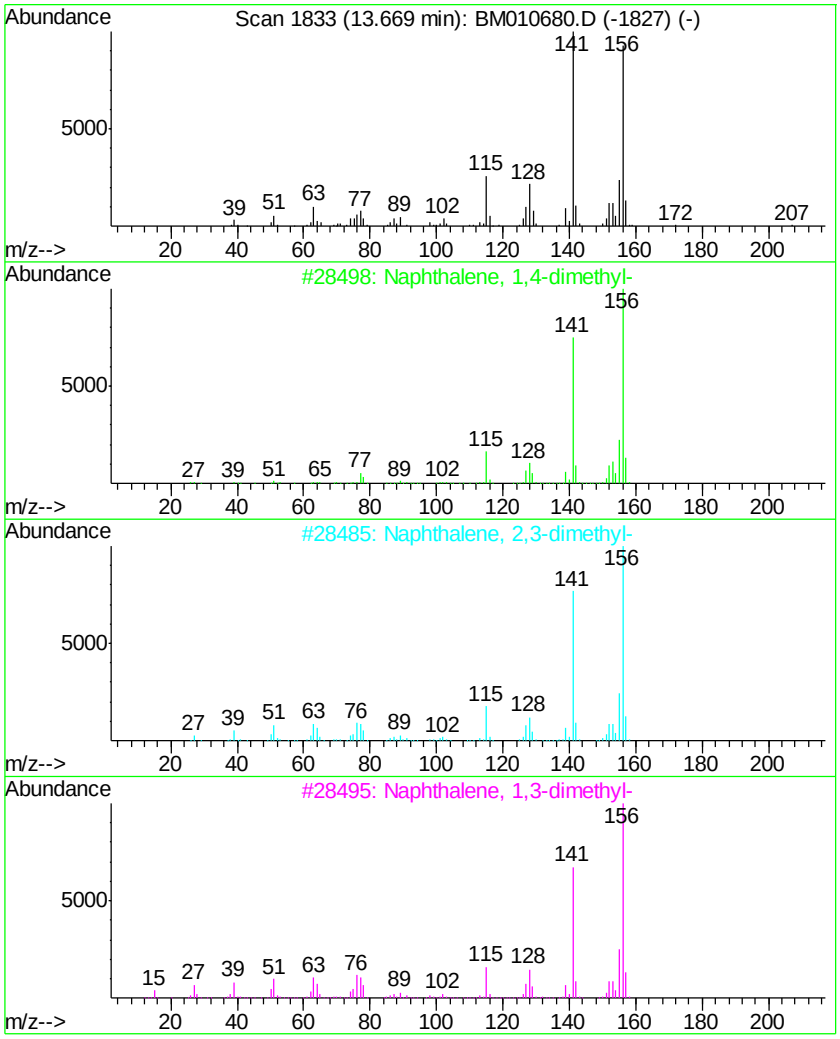
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

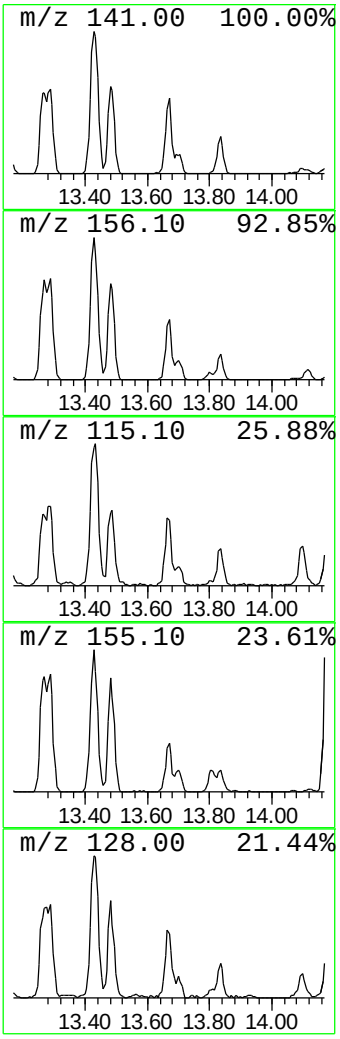
****

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.99 ng/ul	452758	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

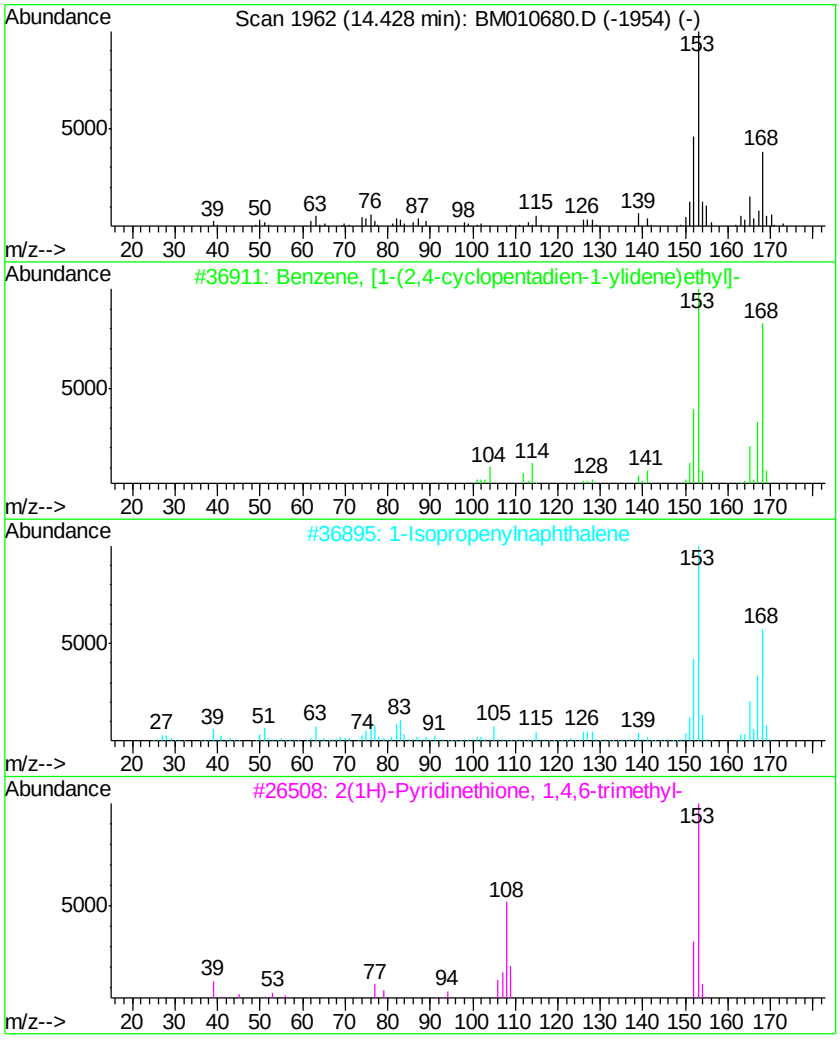
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

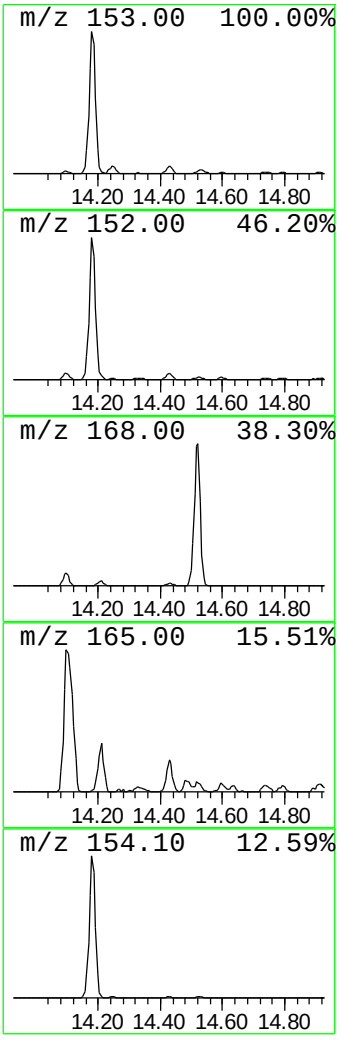
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, [1-(2,4-cyclopenta... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.25 ng/ul	295228	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	55
3	2(1H)-Pyridinethione, 1,4,6-trim...	153	C8H11NS	019006-70-3	52
4	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	50
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	49





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

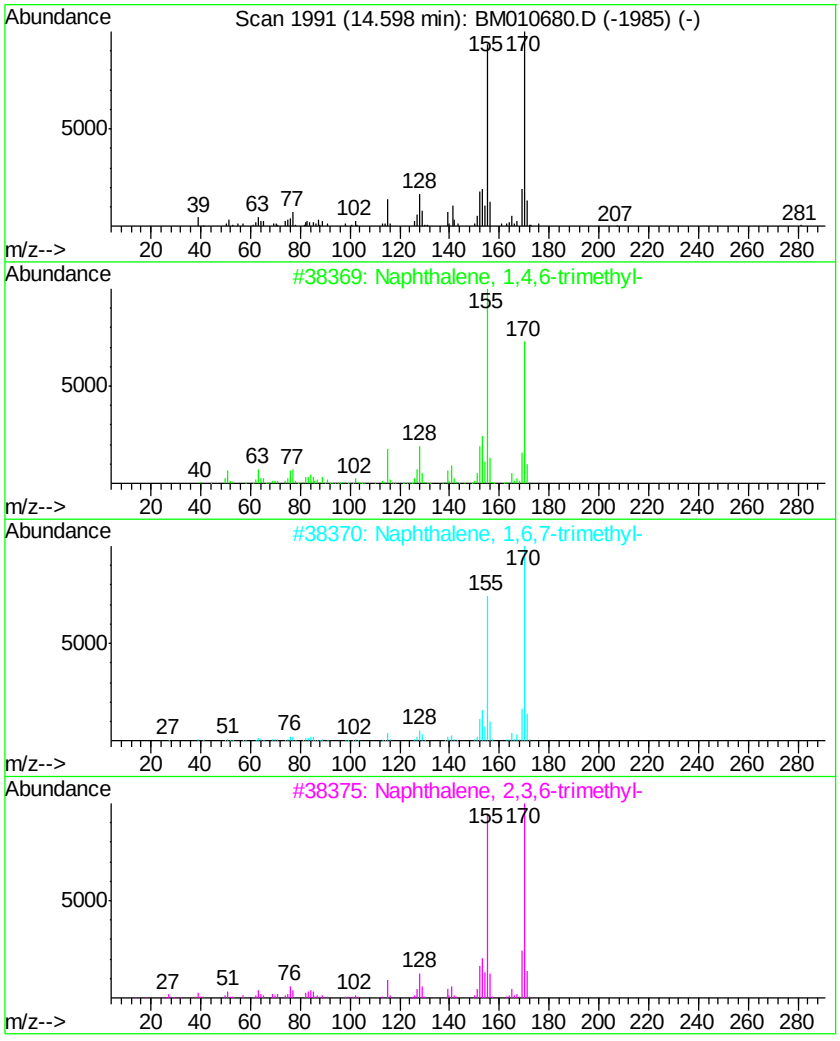
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

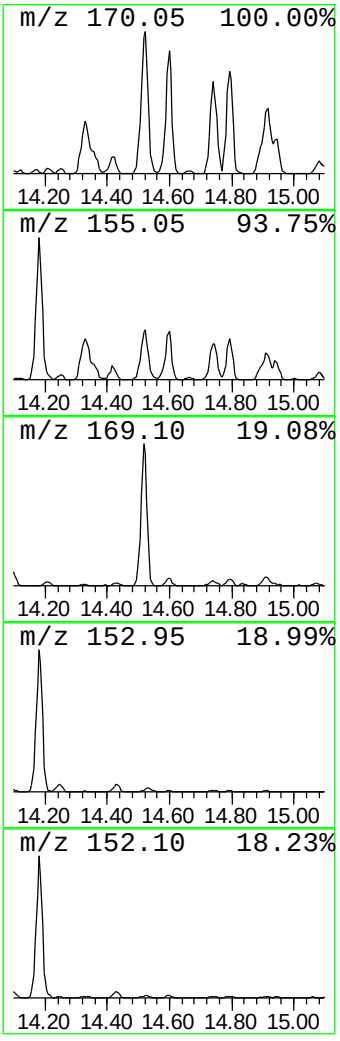
****

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.72 ng/ul	246676	Acenaphthene-d10	14.12

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	97
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, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

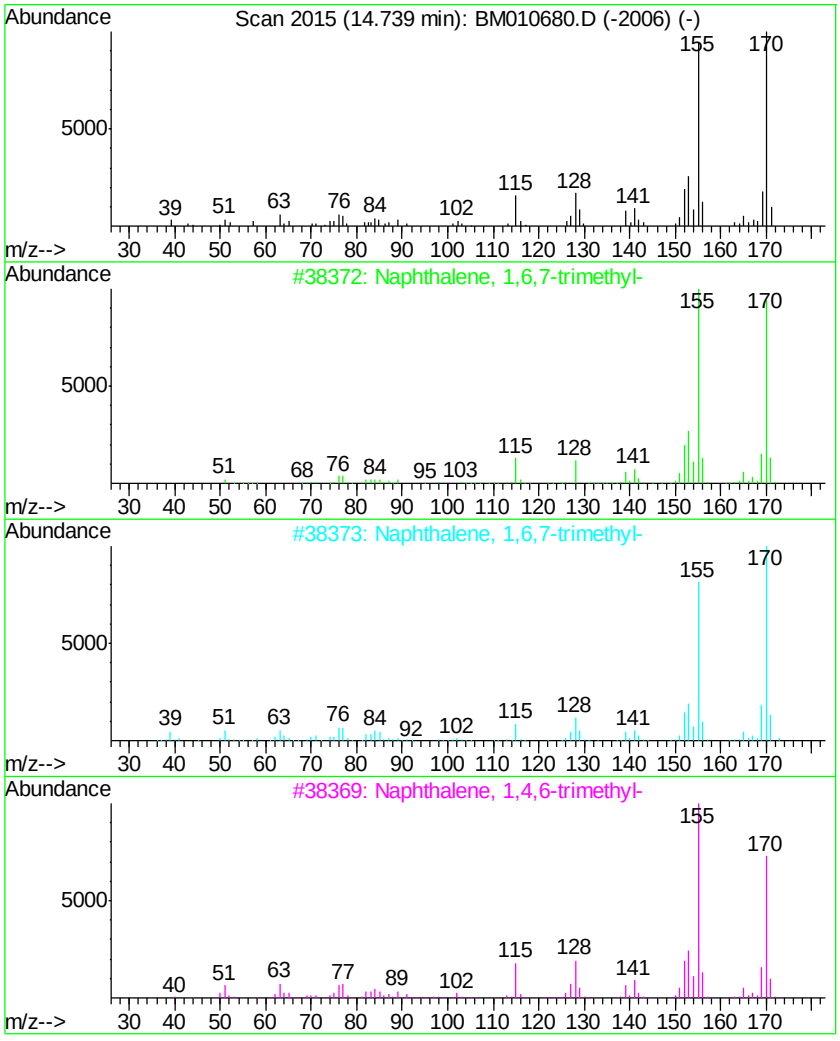
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

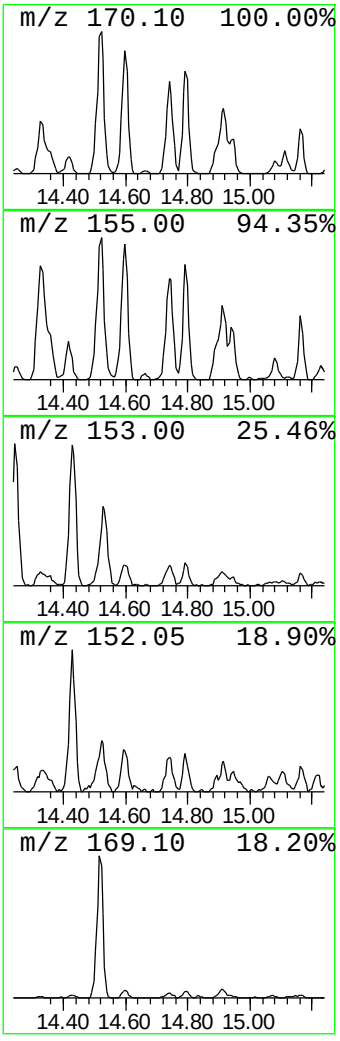
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.63 ng/ul	238847	Acenaphthene-d10	14.12

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

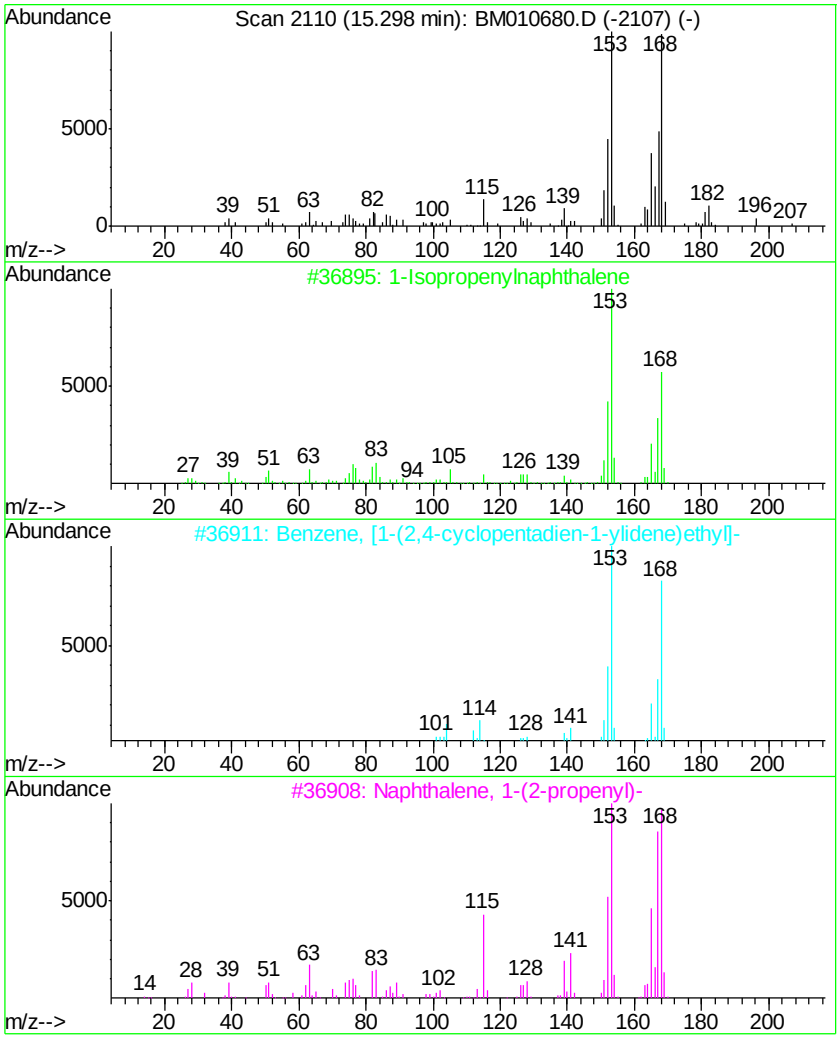
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

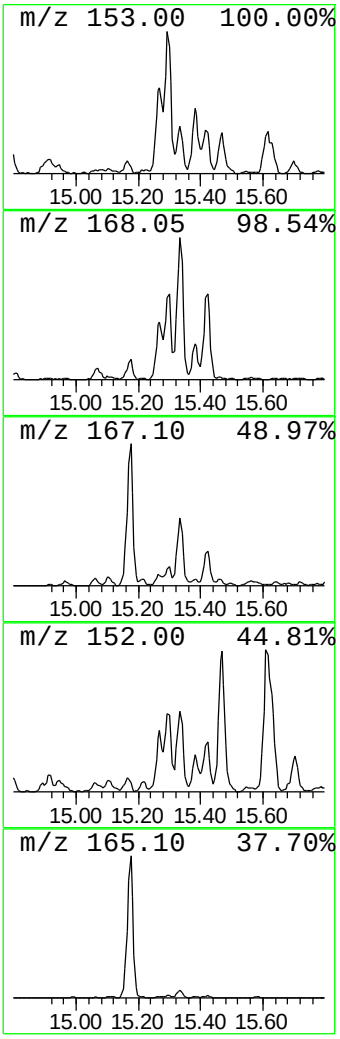
****

Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.48 ng/ul	315949	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	81
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	74
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

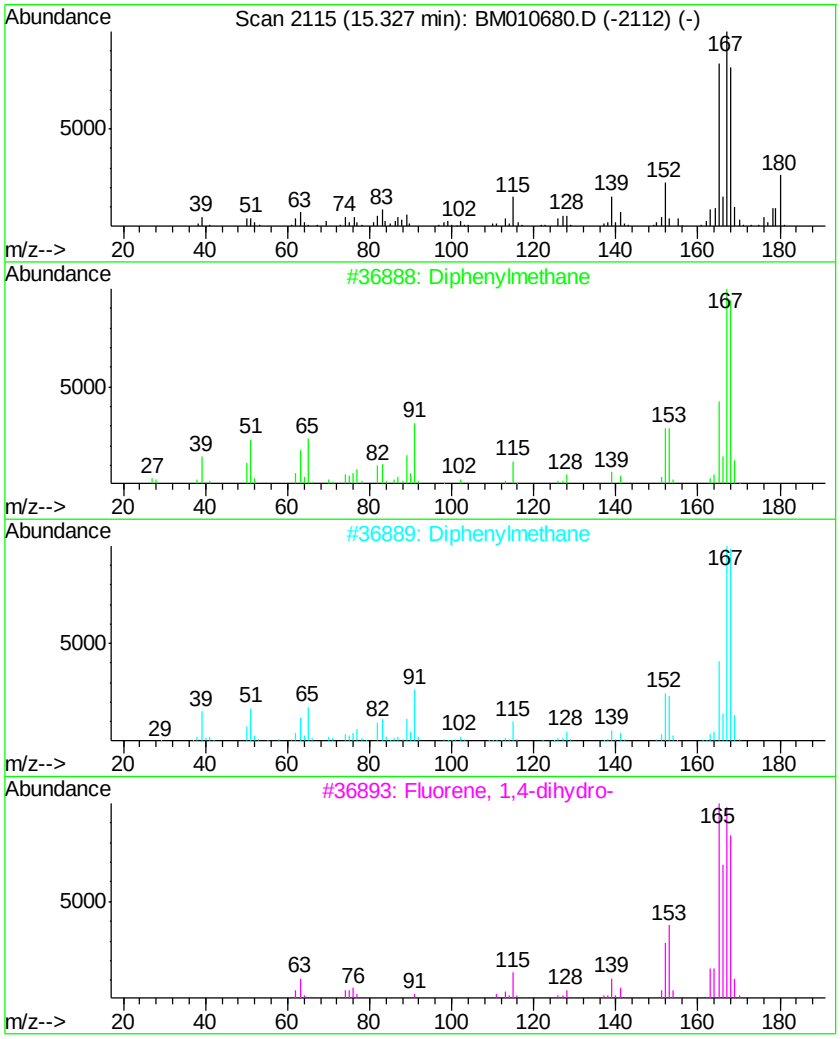
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

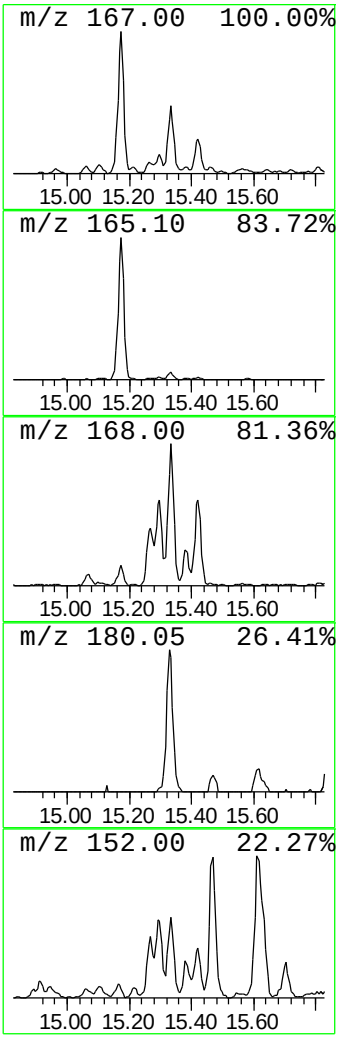
****

Peak Number 15 Diphenylmethane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	6.79 ng/ul	616314	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	68
2	Diphenylmethane	168	C13H12	000101-81-5	68
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

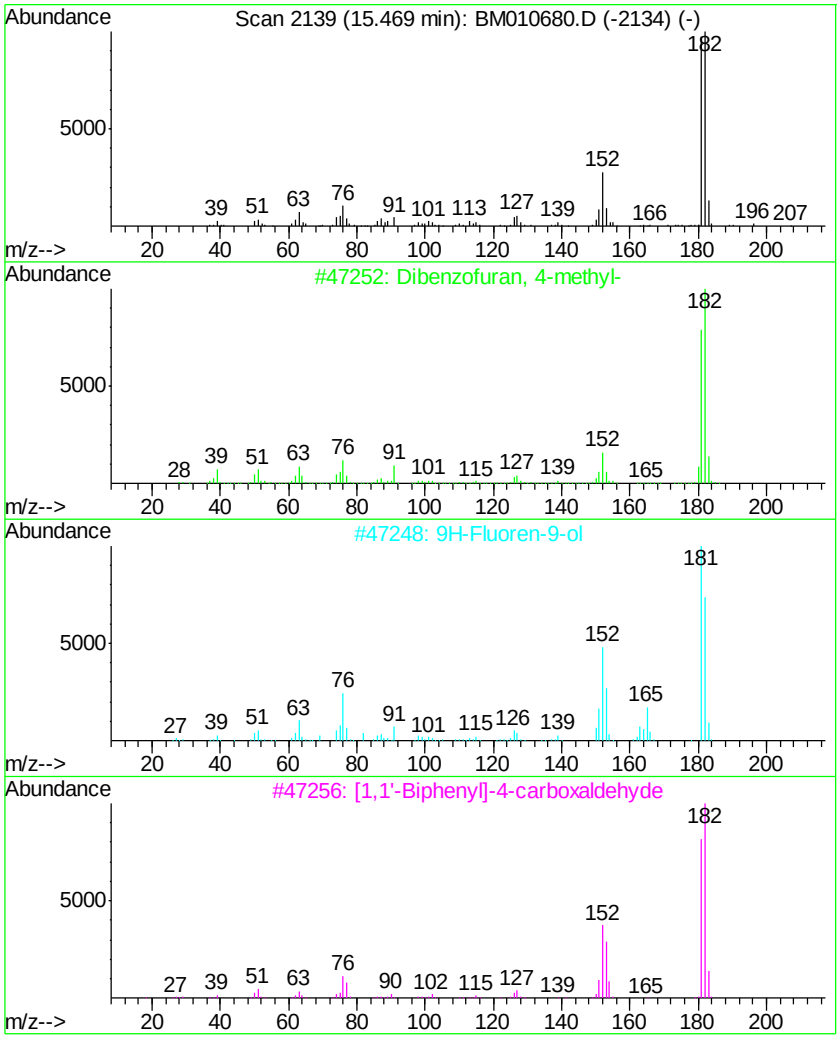
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

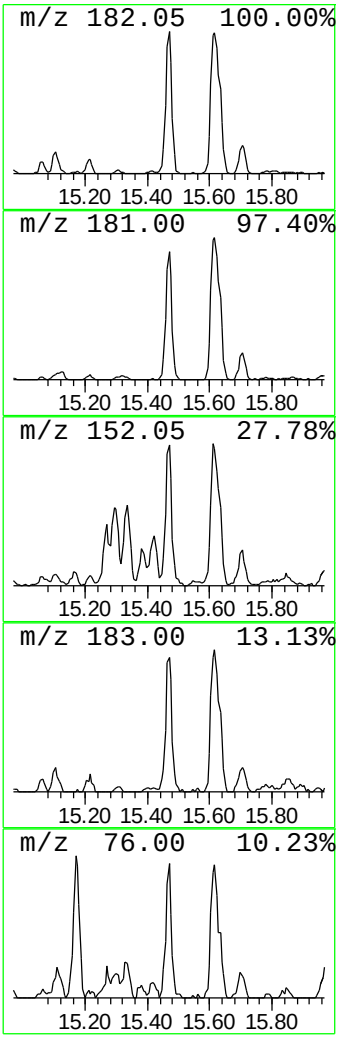
****

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	9.69 ng/ul	880414	Acenaphthene-d10	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

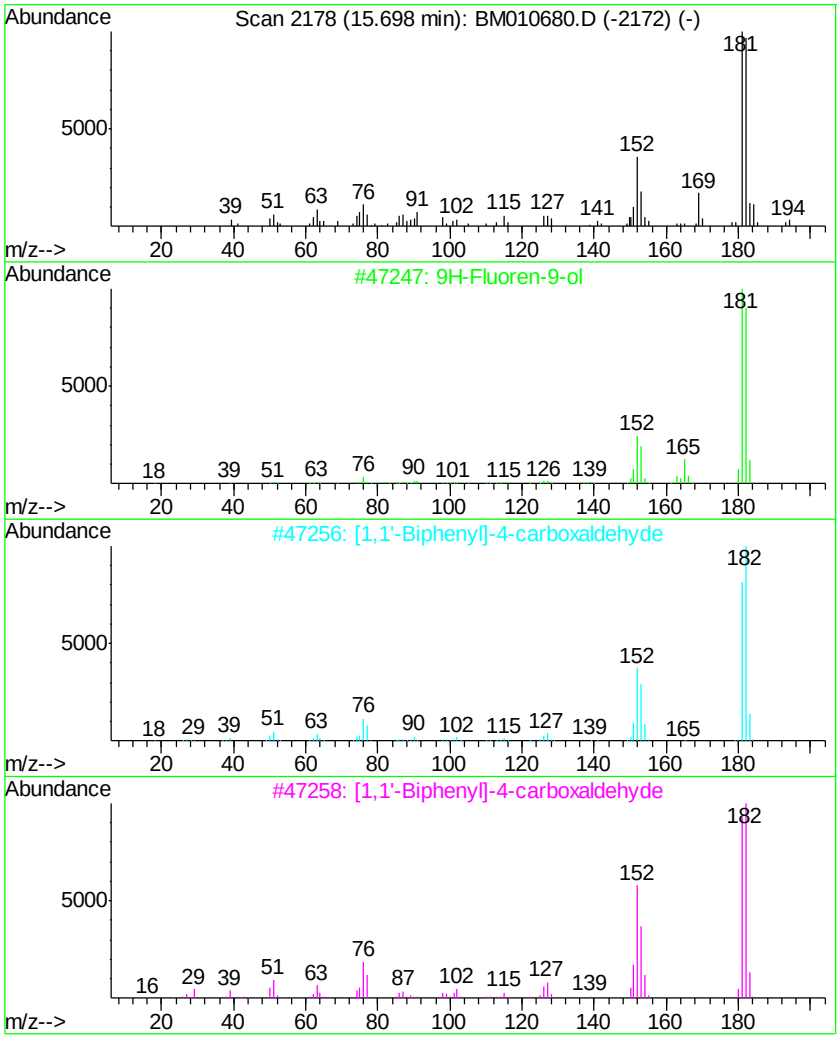
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

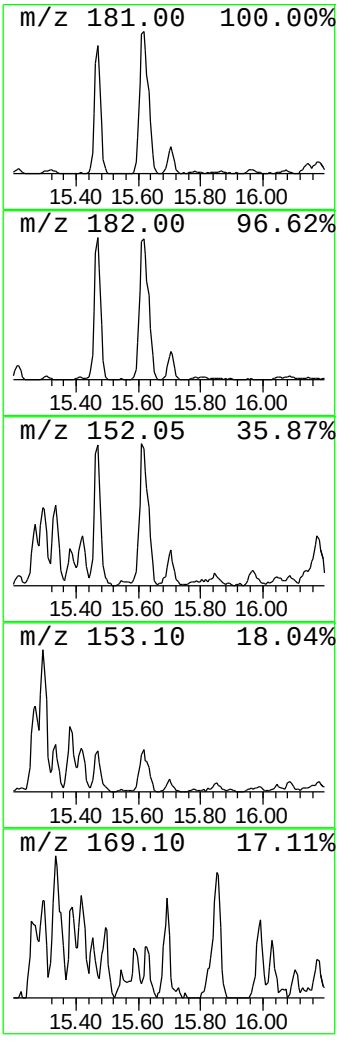
****

Peak Number 19 9H-Fluoren-9-ol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.01 ng/ul	237446	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

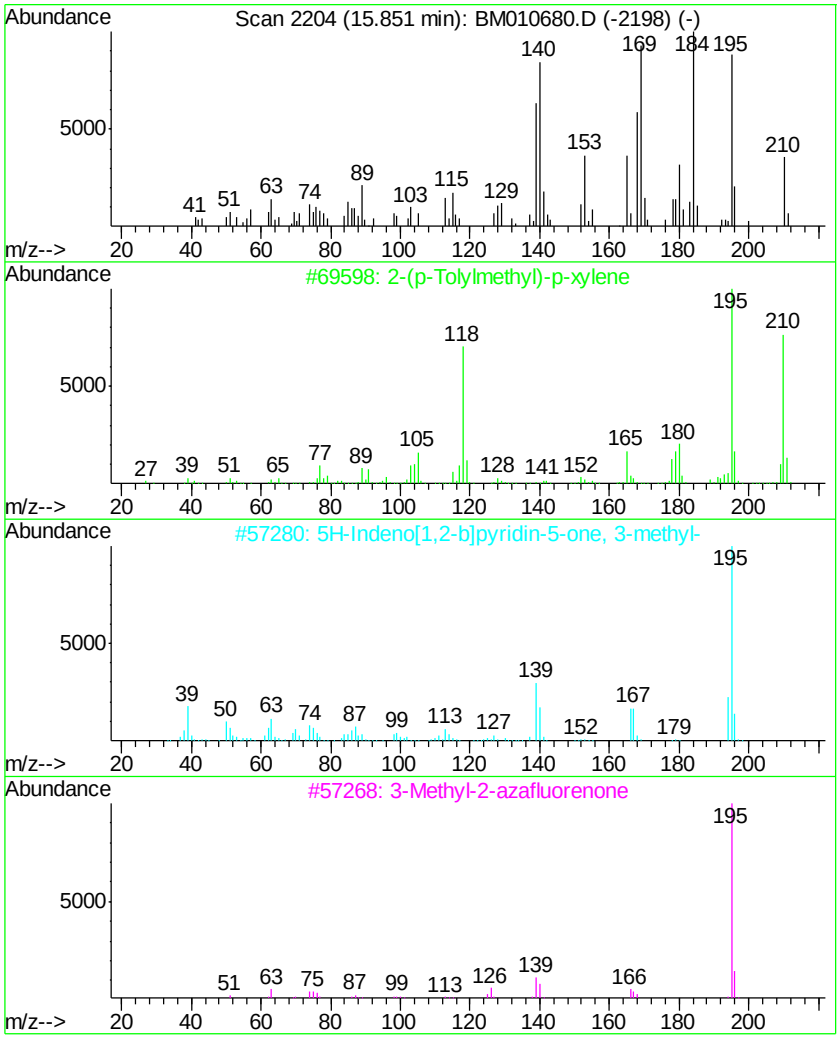
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

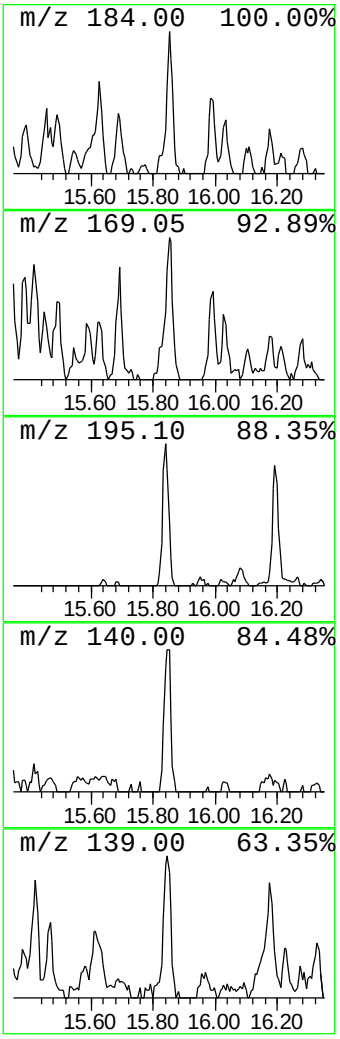
****

Peak Number 20 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.54 ng/ul	200188	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	38
2	5H-Indeno[1,2-b]pyridin-5-one, 3...	195	C13H9NO	1000337-74-0	38
3	3-Methyl-2-azafluorenone	195	C13H9NO	018631-14-6	35
4	3-Acridinol	195	C13H9NO	007132-70-9	35
5	2-Phenazinamine	195	C12H9N3	002876-23-5	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

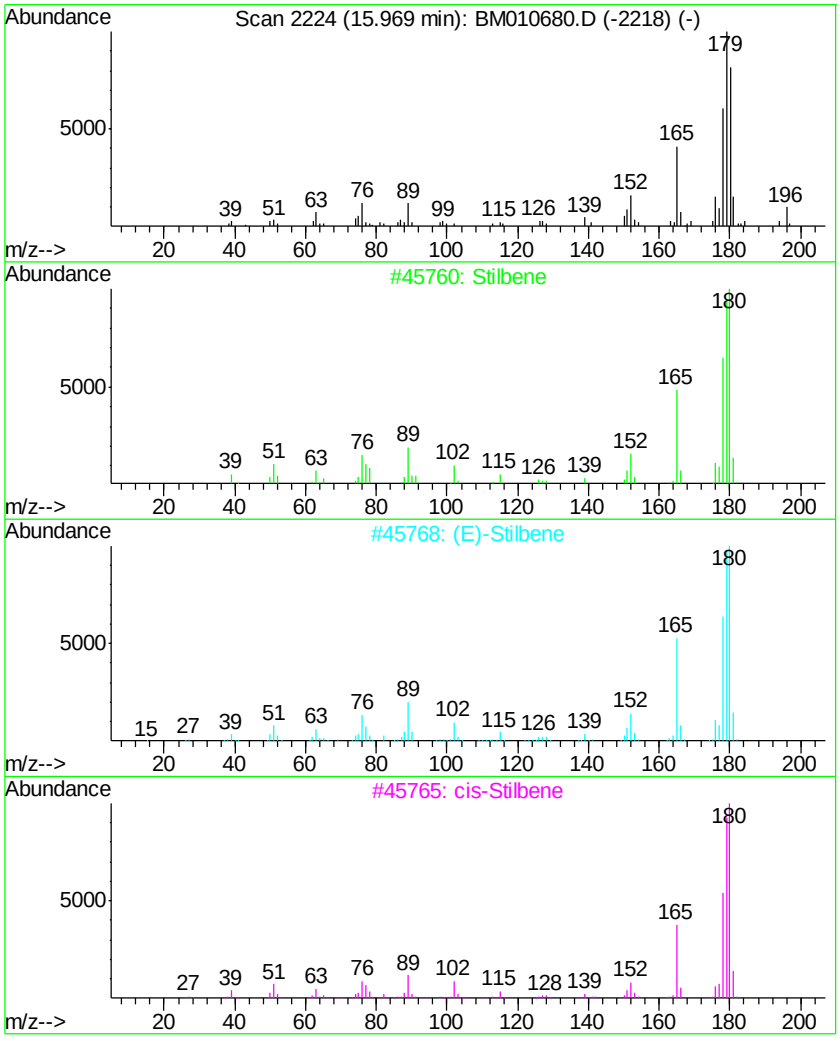
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

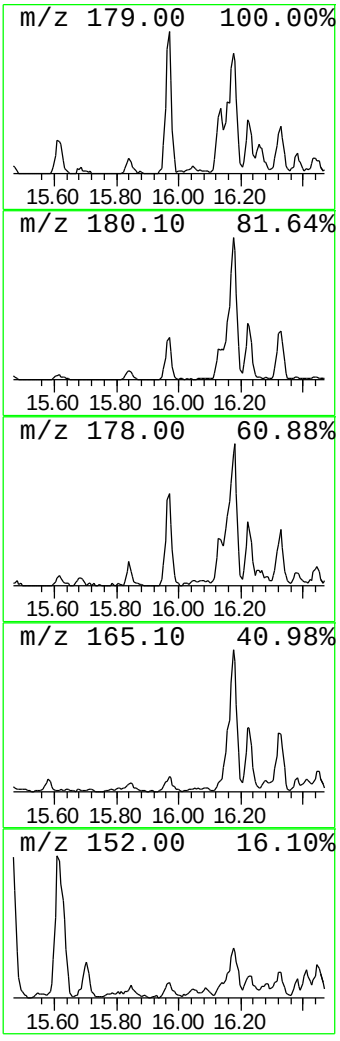
****

Peak Number 21 Stilbene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.17 ng/ul	249790	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stilbene	180	C14H12	000588-59-0	90
2	(E)-Stilbene	180	C14H12	000103-30-0	89
3	cis-Stilbene	180	C14H12	000645-49-8	81
4	(E)-Stilbene	180	C14H12	000103-30-0	81
5	cis-Stilbene	180	C14H12	000645-49-8	81





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

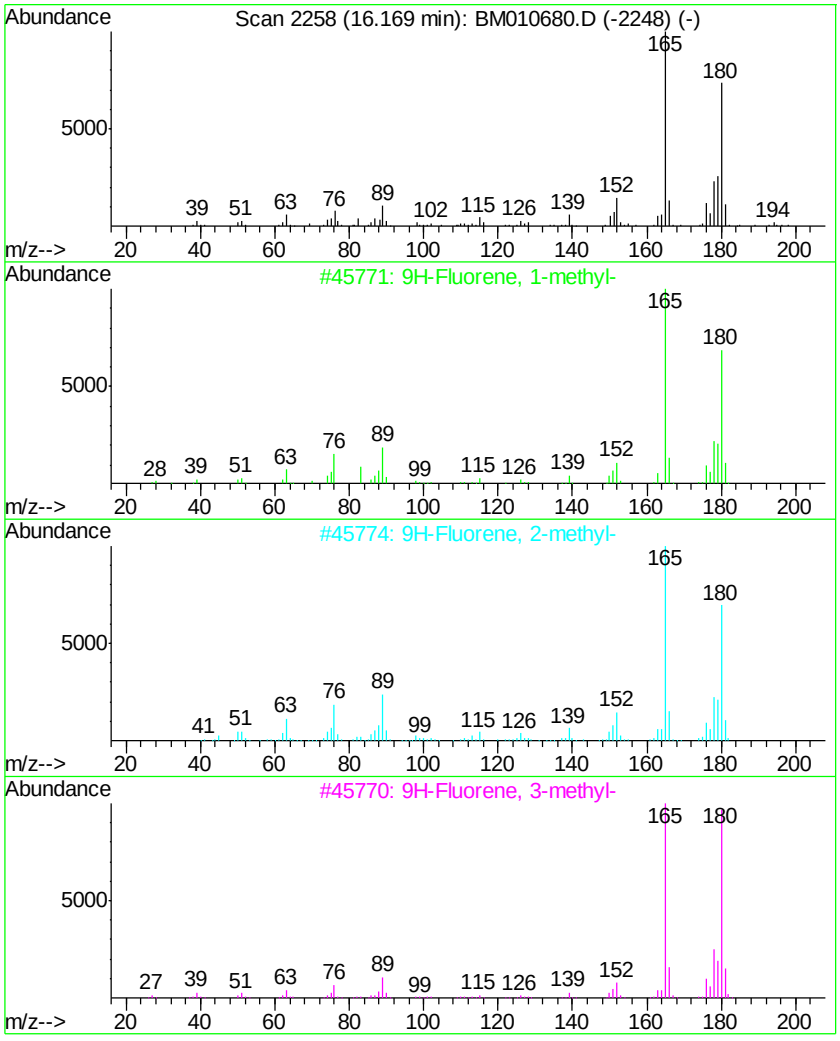
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

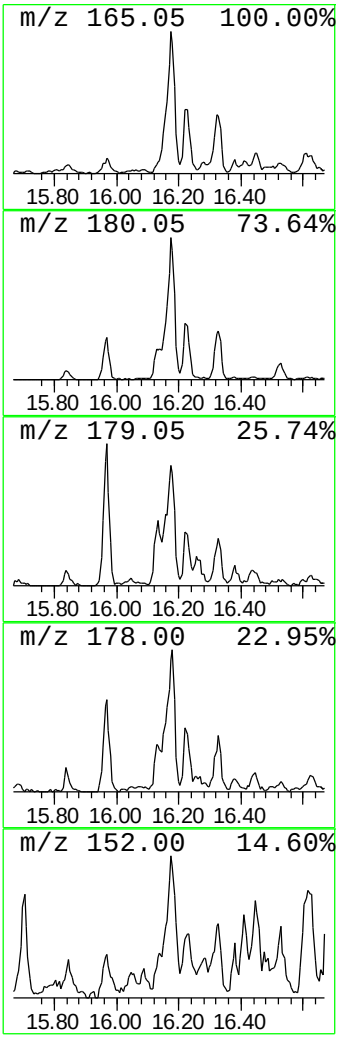
****

Peak Number 22 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	12.29 ng/ul	967875	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

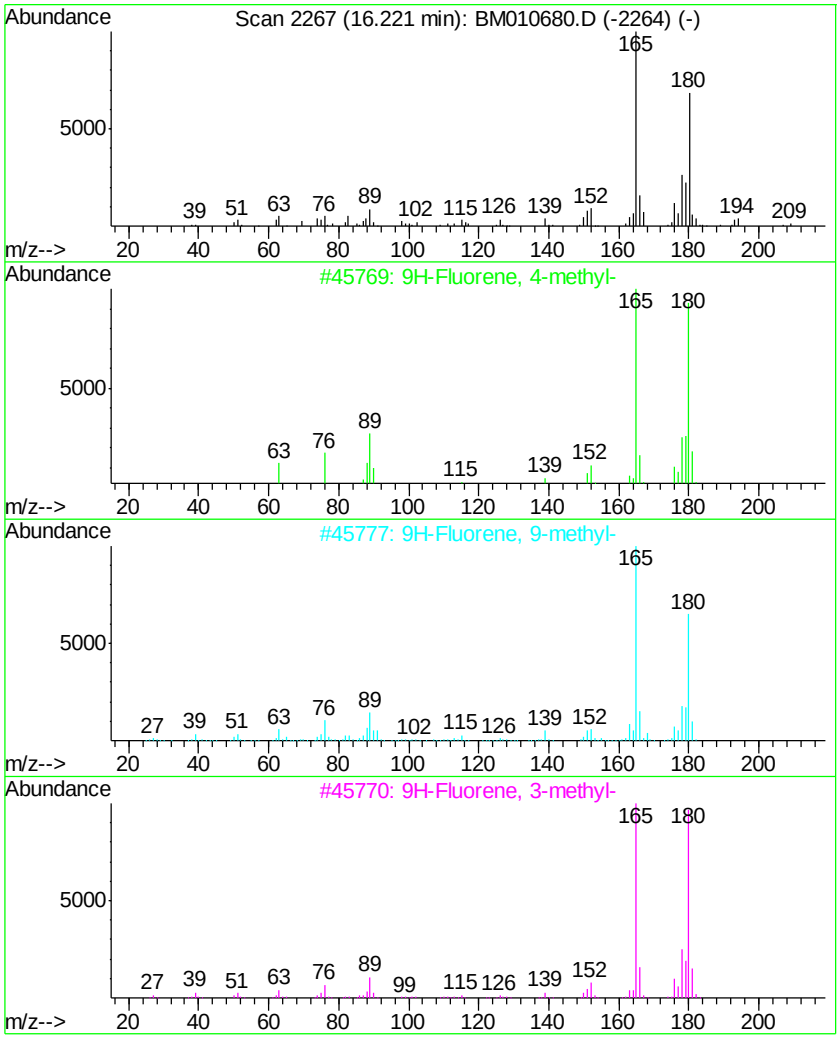
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

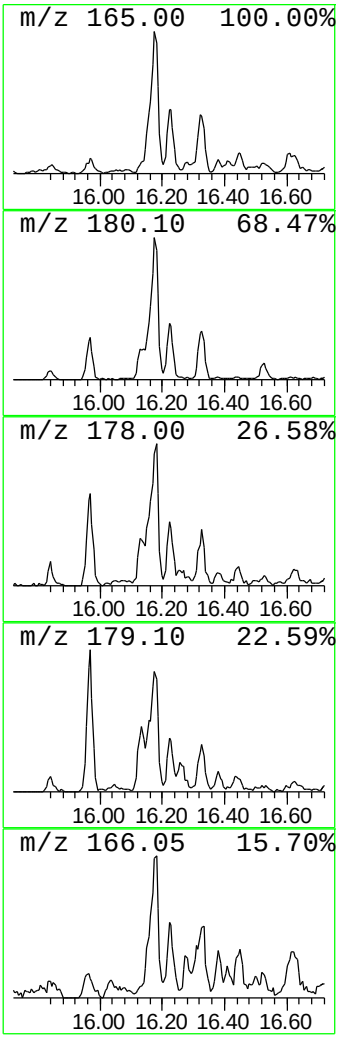
****

Peak Number 23 9H-Fluorene, 4-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.03 ng/ul	238453	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	74
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

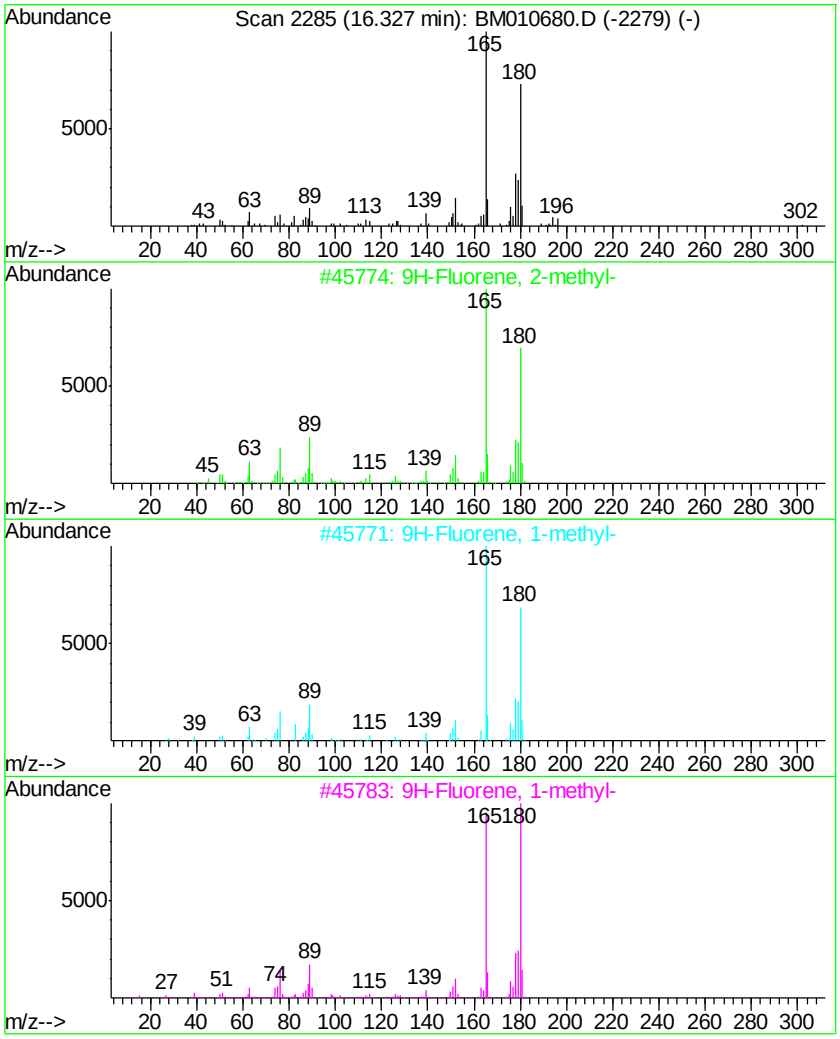
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

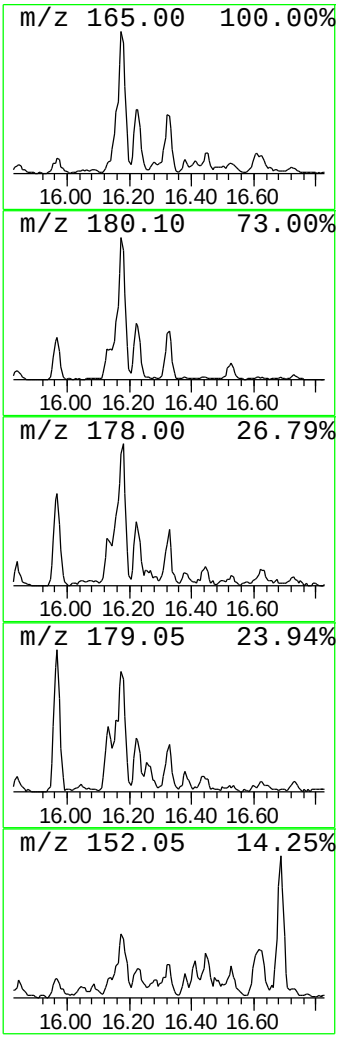
****

Peak Number 24 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	4.29 ng/ul	338305	Phenanthrene-d10	16.87

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	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

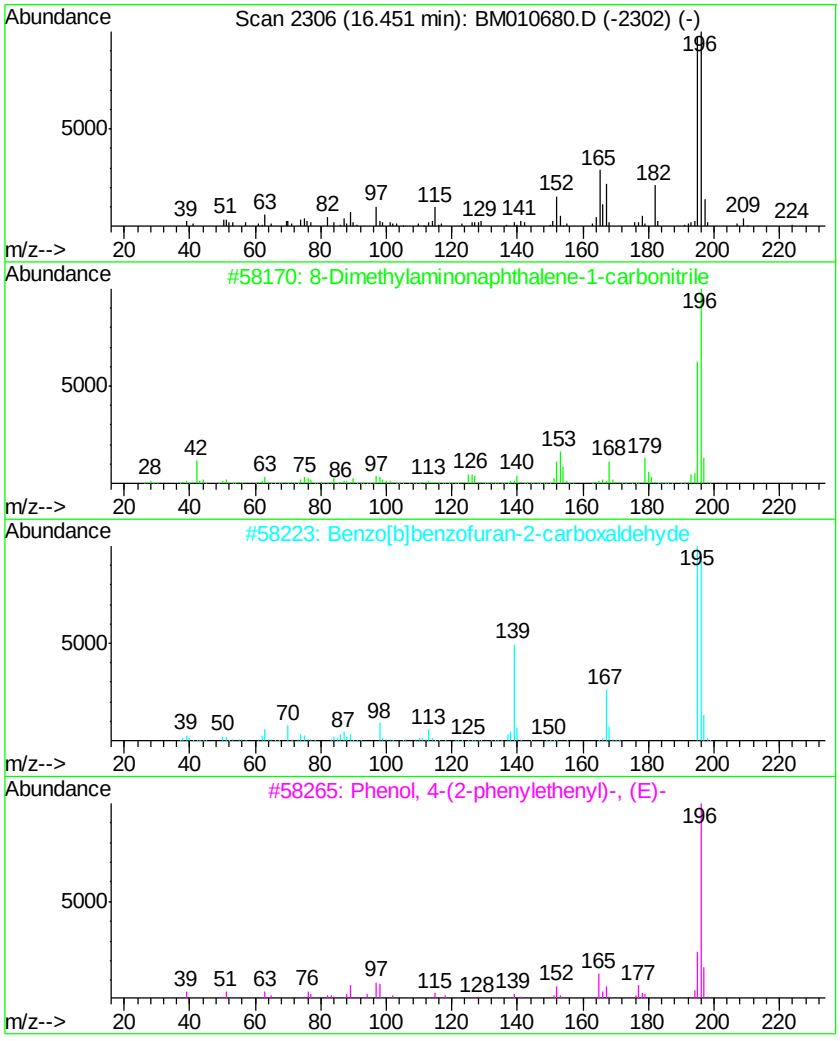
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

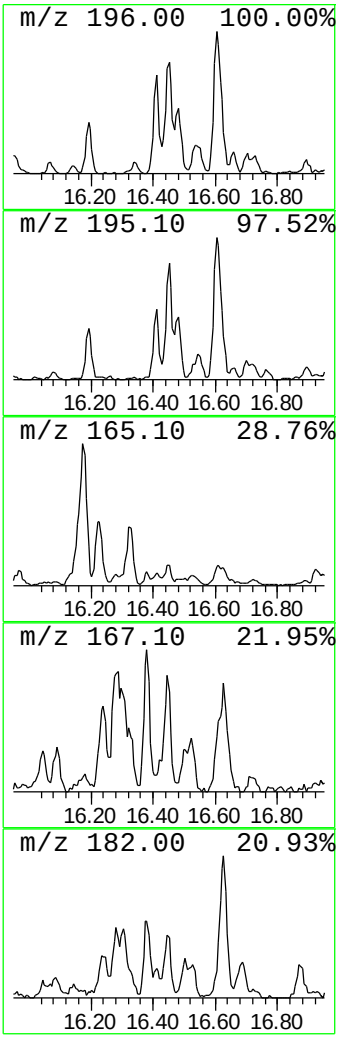
****

Peak Number 25 8-Dimethylaminonaphthalene-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.64 ng/ul	208158	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	50
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	50
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
4	Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	43
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

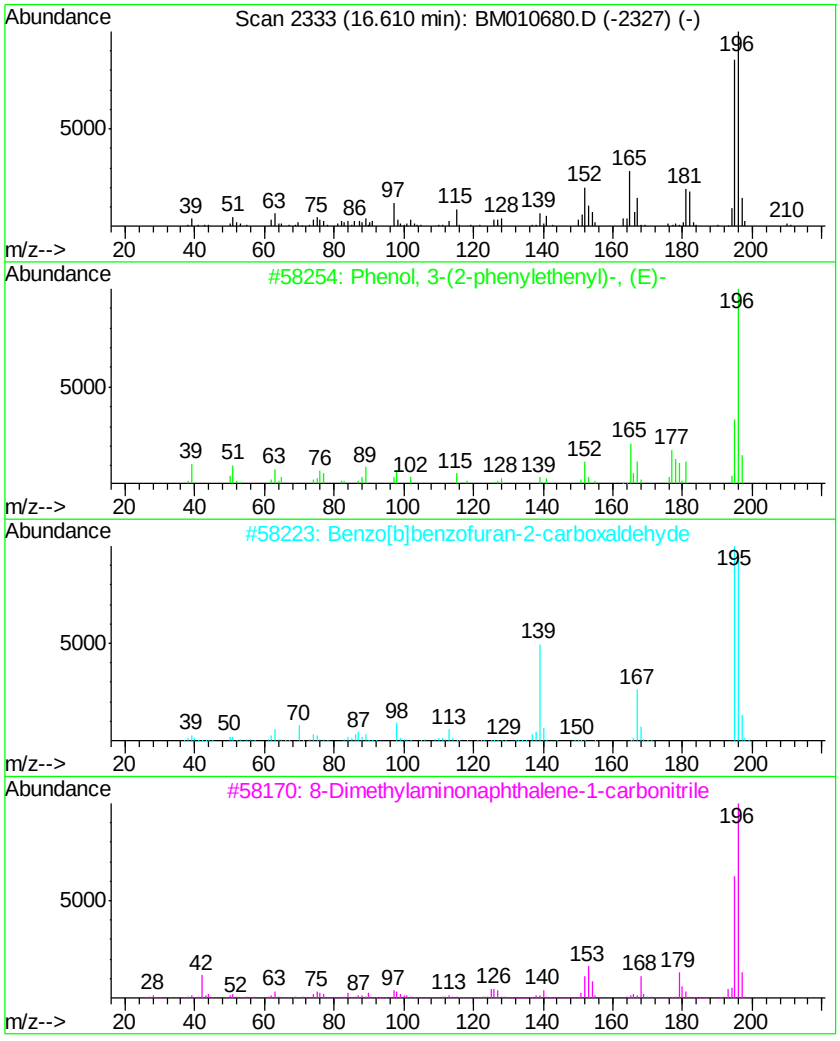
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

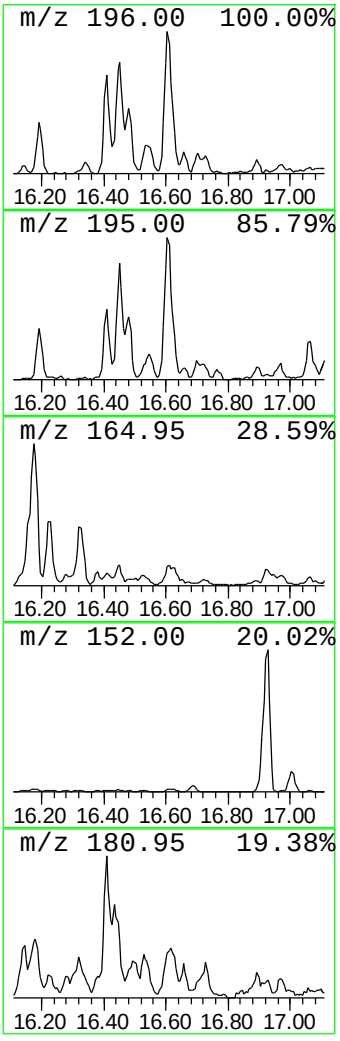
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenol, 3-(2-phenylethenyl)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	7.69 ng/ul	606066	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	58
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

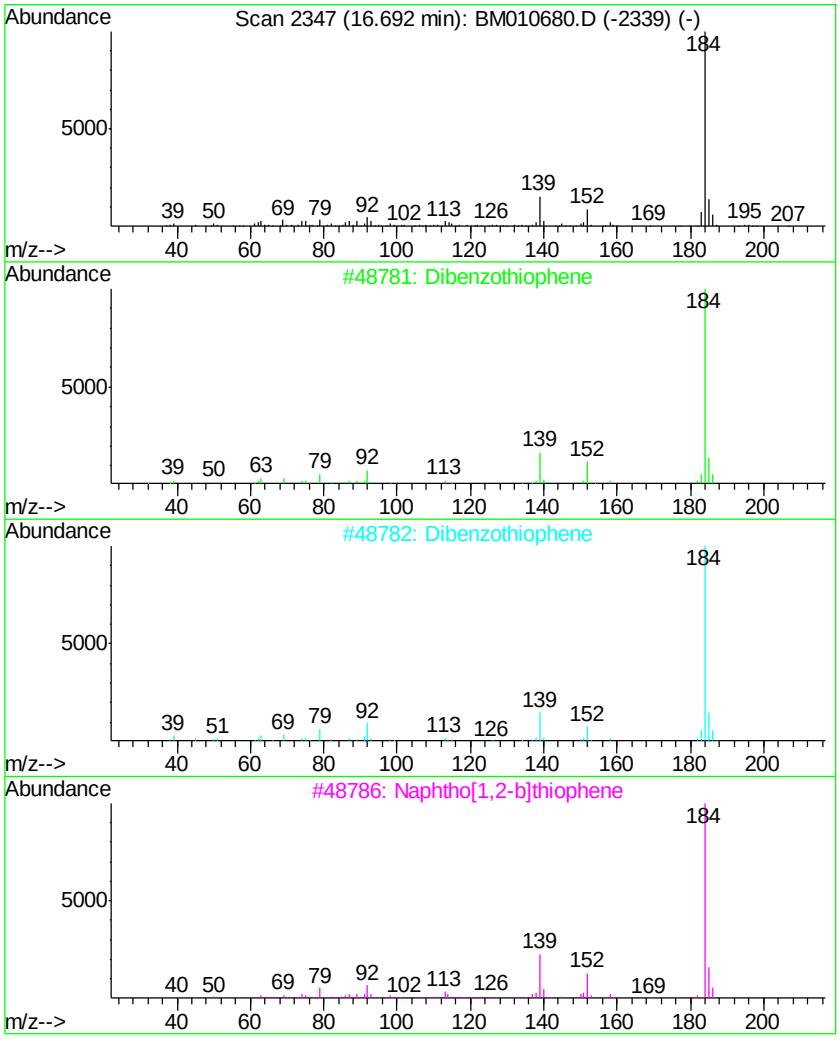
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

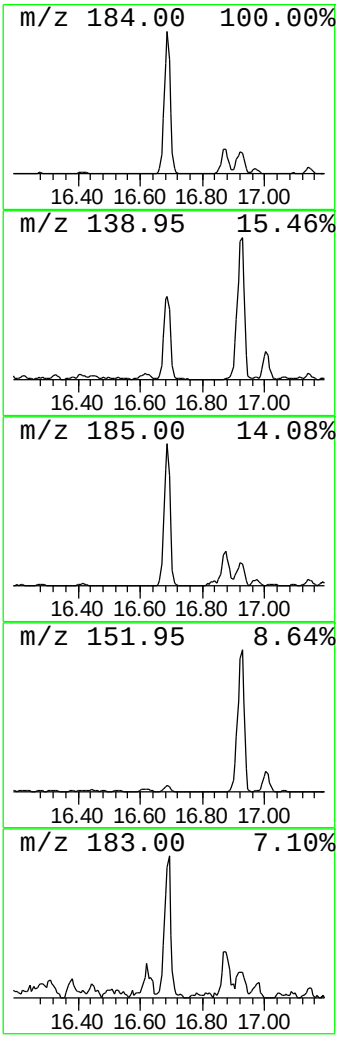
****

Peak Number 27 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	13.44 ng/ul	1058340	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

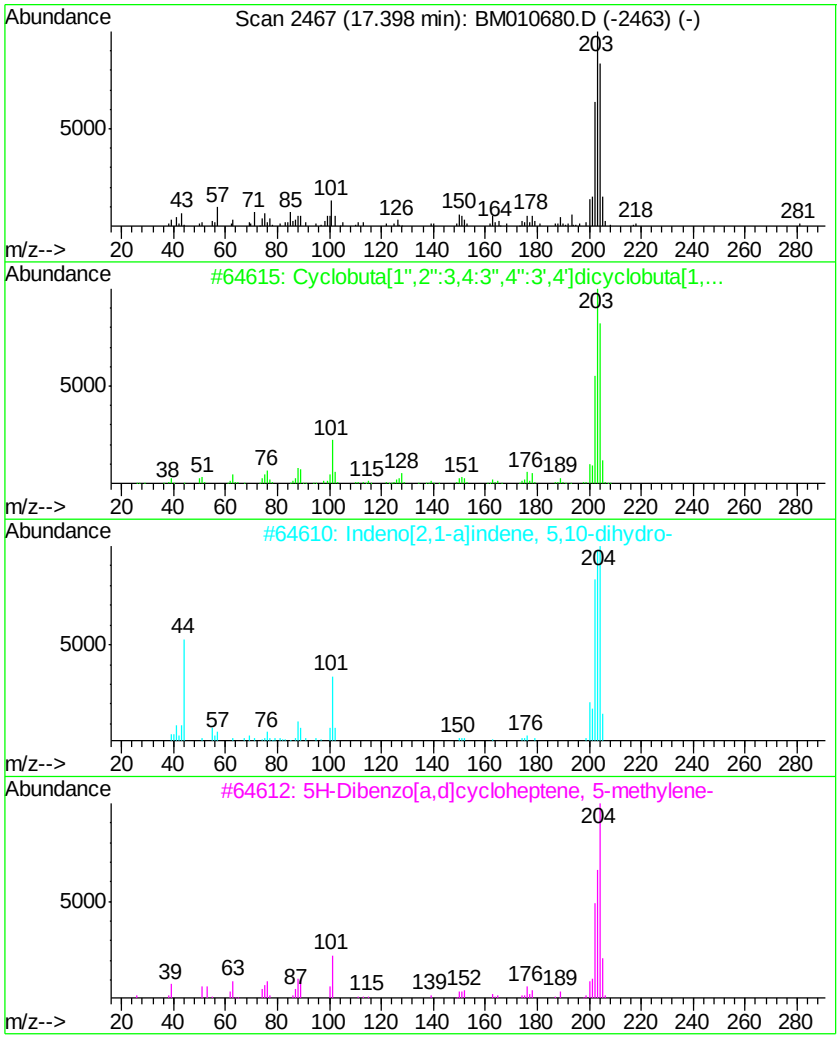
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

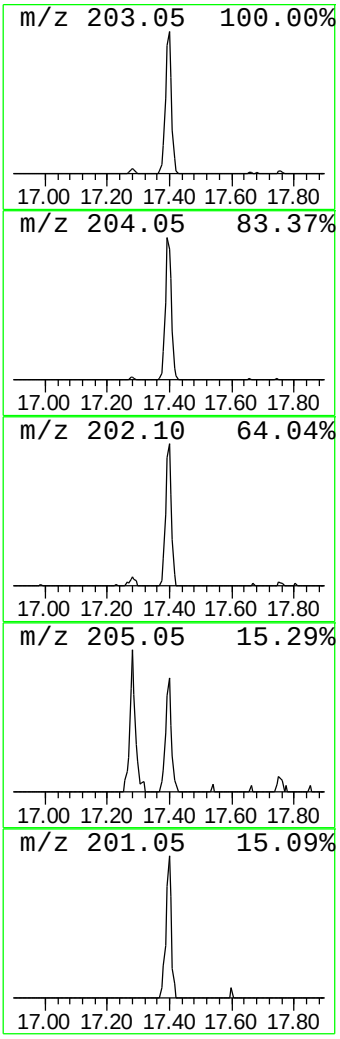
****

Peak Number 28 Cyclobuta[1'',2'':3,4:3'',4... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	3.25 ng/ul	256230	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	93
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	93
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	90
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

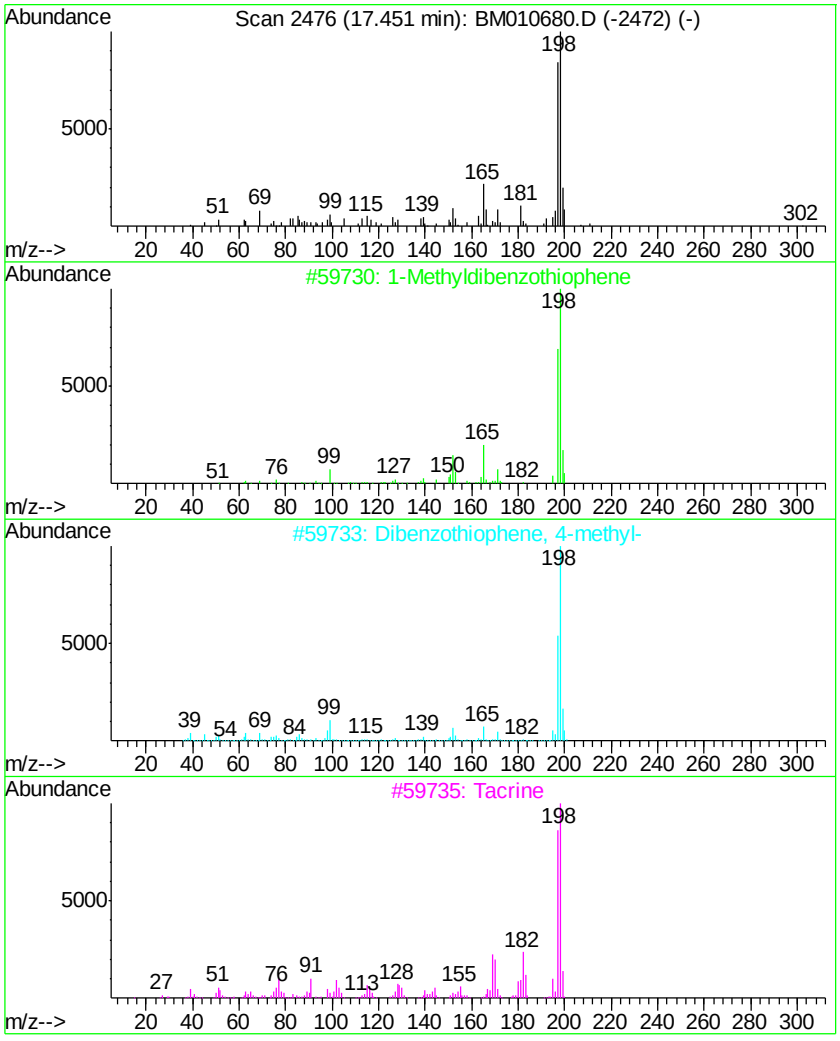
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

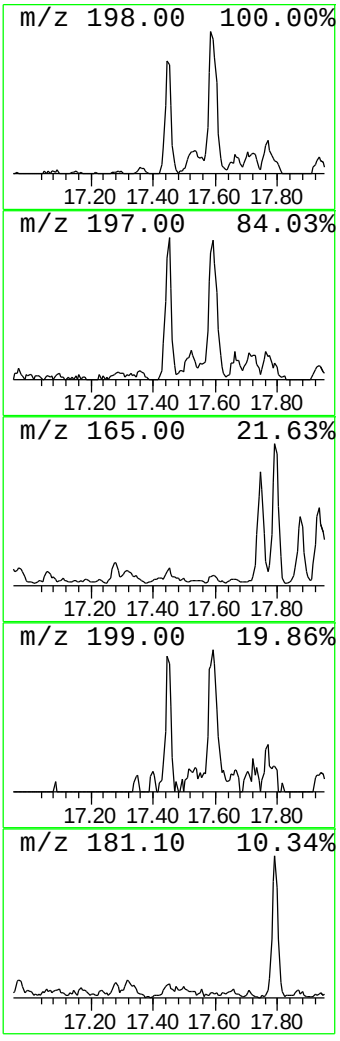
****

Peak Number 29 1-Methyldibenzothiophene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.60 ng/ul	204789	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	Tacrine	198	C13H14N2	000321-64-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

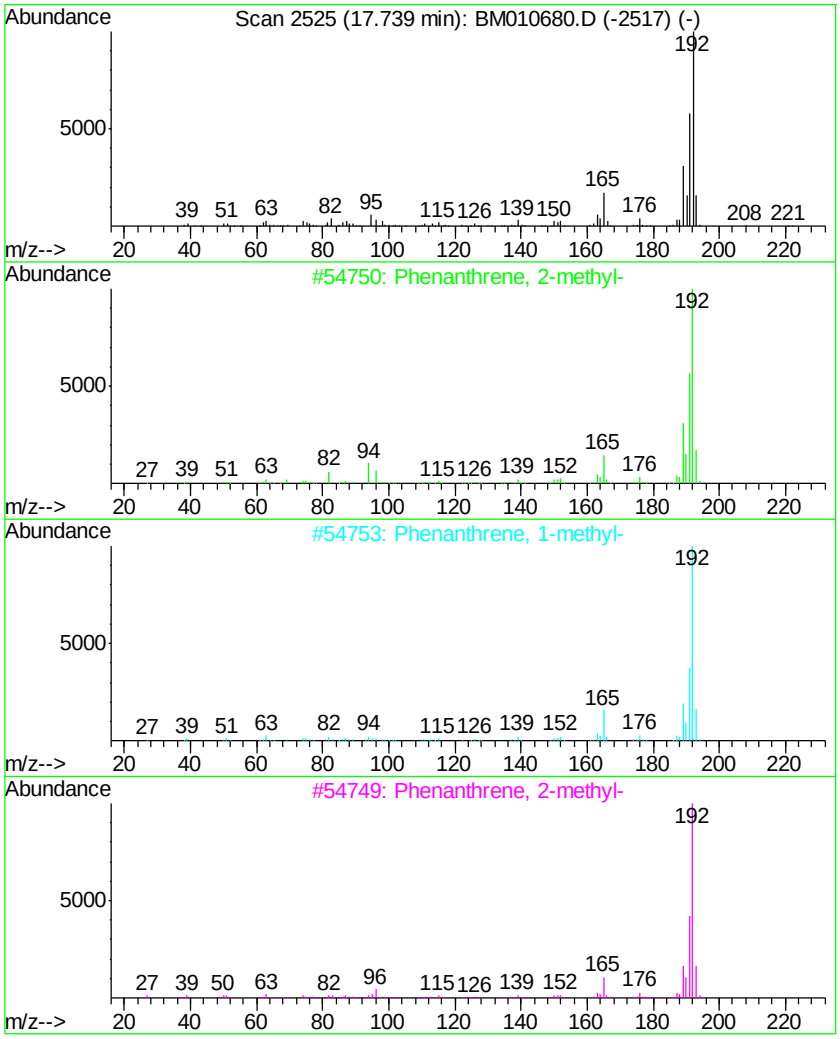
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

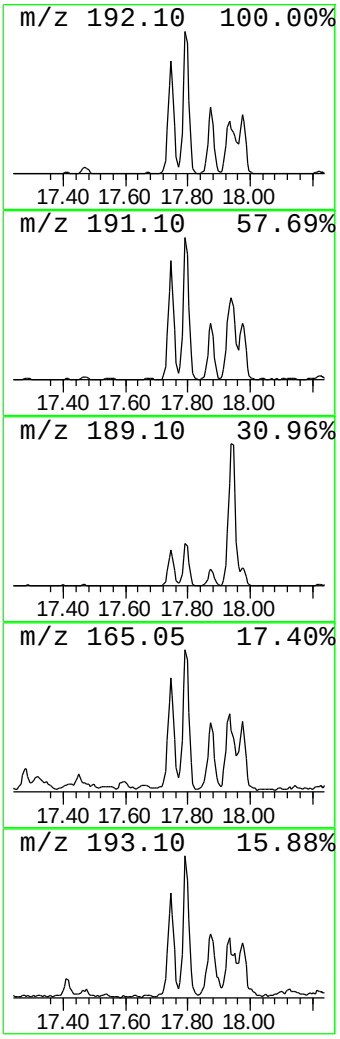
****

Peak Number 30 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	16.10 ng/ul	1268430	Phenanthrene-d10	16.87

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010680.D
Acq On : 23 Jun 2017 03:20
Operator : SJ/JU
Sample : I3653-08 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C51

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Phenylbut-1-ene	9.63	4.6	ng/ul	203599	2	10.23	881803	20.0
Benzo[c]thiophene	10.39	8.0	ng/ul	353568	2	10.23	881803	20.0
Naphthalene, 1-me...	12.12	54.9	ng/ul	2420740	2	10.23	881803	20.0
Naphthalene, 2-et...	13.13	6.8	ng/ul	616531	3	14.12	1816350	20.0
Naphthalene, 2,7-...	13.27	7.4	ng/ul	670079	3	14.12	1816350	20.0
Naphthalene, 2,6-...	13.48	7.2	ng/ul	656281	3	14.12	1816350	20.0
Naphthalene, 1,4-...	13.67	5.0	ng/ul	452758	3	14.12	1816350	20.0
Benzene, [1-(2,4-...	14.43	3.3	ng/ul	295228	3	14.12	1816350	20.0
Naphthalene, 1,4,...	14.60	2.7	ng/ul	246676	3	14.12	1816350	20.0
Naphthalene, 1,6,...	14.74	2.6	ng/ul	238847	3	14.12	1816350	20.0
1-Isopropenylnaph...	15.30	3.5	ng/ul	315949	3	14.12	1816350	20.0
Diphenylmethane	15.33	6.8	ng/ul	616314	3	14.12	1816350	20.0
Dibenzofuran, 4-m...	15.47	9.7	ng/ul	880414	3	14.12	1816350	20.0
9H-Fluoren-9-ol	15.70	3.0	ng/ul	237446	4	16.87	1575420	20.0
unknown-01	15.85	2.5	ng/ul	200188	4	16.87	1575420	20.0
Stilbene	15.97	3.2	ng/ul	249790	4	16.87	1575420	20.0
9H-Fluorene, 1-me...	16.17	12.3	ng/ul	967875	4	16.87	1575420	20.0
9H-Fluorene, 4-me...	16.22	3.0	ng/ul	238453	4	16.87	1575420	20.0
9H-Fluorene, 2-me...	16.33	4.3	ng/ul	338305	4	16.87	1575420	20.0
8-Dimethylaminona...	16.45	2.6	ng/ul	208158	4	16.87	1575420	20.0
Phenol, 3-(2-phen...	16.61	7.7	ng/ul	606066	4	16.87	1575420	20.0
Dibenzothiophene	16.69	13.4	ng/ul	1058340	4	16.87	1575420	20.0
Cyclobuta[1'',2''...	17.40	3.3	ng/ul	256230	4	16.87	1575420	20.0
1-Methyldibenzoth...	17.45	2.6	ng/ul	204789	4	16.87	1575420	20.0
Phenanthrene, 2-m...	17.74	16.1	ng/ul	1268430	4	16.87	1575420	20.0