LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010694.D
Acq On : 23 Jun 2017 17:37
Operator : SJ/JU
Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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	785	rBB	286462	443353	20.72%	2.116%
2	7.828	836	840	846	rVB2	24578	36014	1.68%	0.172%
3	7.987	861	867	875	rBB2	35913	52863	2.47%	0.252%
4	8.163	893	897	903	rBV2	14796	22397	1.05%	0.107%
5	8.604	967	972	981	rBB3	12037	23139	1.08%	0.110%
6	9.628	1142	1146	1155	rVB5	9992	23341	1.09%	0.111%
7	9.851	1178	1184	1188	rBB3	15253	22836	1.07%	0.109%
8	10.222	1240	1247	1251	rBV	426987	701235	32.77%	3.348%
9	10.275	1251	1256	1263	rVB	1248899	1957487	91.47%	9.345%
10	10.387	1264	1275	1282	rBV2	48752	102656	4.80%	0.490%
11	11.898	1525	1532	1540	rBV	445072	707645	33.07%	3.378%
12	12.122	1560	1570	1577	rBB	202744	330621	15.45%	1.578%
13	12.934	1702	1708	1713	rBV	114095	157640	7.37%	0.753%
14	13.128	1736	1741	1750	rVB2	31424	52218	2.44%	0.249%
15	13.263	1757	1764	1766	rBV2	54074	78847	3.68%	0.376%
16	13.281	1766	1767	1774	rVB2	55426	63838	2.98%	0.305%
17	13.428	1785	1792	1797	rBV2	80815	140949	6.59%	0.673%
18	13.481	1797	1801	1805	rVV2	58729	74937	3.50%	0.358%
19	13.528	1805	1809	1814	rVB	39636	53157	2.48%	0.254%
20	13.669	1827	1833	1836	rBV	32354	47760	2.23%	0.228%
21	13.798	1850	1855	1858	rBV	43954	60372	2.82%	0.288%
22	13.828	1858	1860	1868	rVB3	29790	38366	1.79%	0.183%
23	14.110	1901	1908	1914	rBV2	712033	1109592	51.85%	5.297%
24	14.175	1914	1919	1928	rVV	426057	596591	27.88%	2.848%
25	14.322	1939	1944	1949	rBV4	16436	26873	1.26%	0.128%
26	14.428	1954	1962	1967	rBV4	15700	26171	1.22%	0.125%
27	14.516	1967	1977	1984	rVV	362551	529349	24.73%	2.527%
28	14.598	1984	1991	1995	rVB3	18625	23711	1.11%	0.113%
29	15.110	2073	2078	2082	rBV2	66912	91352	4.27%	0.436%
30	15.169	2082	2088	2093	rVB	487087	668025	31.21%	3.189%
31	15.328	2112	2115	2120	rVB	50629	67706	3.16%	0.323%
32	15.416	2127	2130	2134	rVB2	21679	26900	1.26%	0.128%
33	15.469	2134	2139	2147	rVB	71429	94525	4.42%	0.451%
34	15.610	2158	2163	2172	rVB2	81319	144103	6.73%	0.688%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

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

35	16.175	2250	2259	2264	rBV2	48033	91168	4.26%	0.435%
36	16.222	2264	2267	2272	rVB5	19083	24745	1.16%	0.118%
37	16.322	2279	2284	2290	rVB4	19793	33037	1.54%	0.158%
38	16.604	2327	2332	2339	rBV3	21497	42745	2.00%	0.204%
39	16.680	2339	2345	2357	rVB	105386	151156	7.06%	0.722%
40	16.869	2368	2377	2380	rBV	1017199	1403703	65.59%	6.701%
41	16.910	2380	2384	2389	rVV	1597223	2140082	100.00%	10.216%
42	16.963	2389	2393	2395	rVV2	74723	93536	4.37%	0.447%
43	16.998	2395	2399	2405	rVB	225273	305702	14.28%	1.459%
44	17.063	2405	2410	2415	rBV5	11971	21893	1.02%	0.105%
45	17.274	2441	2446	2451	rBV	111023	153854	7.19%	0.734%
46	17.739	2521	2525	2529	rBV	94993	130093	6.08%	0.621%
47	17.792	2529	2534	2542	rVB	145200	199413	9.32%	0.952%
48	17.869	2542	2547	2552	rBV	49323	72449	3.39%	0.346%
49	17.933	2552	2558	2563	rBV3	173277	295567	13.81%	1.411%
50	17.974	2563	2565	2570	rVB2	47396	48876	2.28%	0.233%
51	18.251	2608	2612	2616	rBV	73829	91005	4.25%	0.434%
52	18.674	2677	2684	2689	rBV2	31919	58899	2.75%	0.281%
53	18.739	2689	2695	2698	rBV5	20977	33762	1.58%	0.161%
54	18.939	2723	2729	2736	rBV	969970	1265150	59.12%	6.040%
55	19.186	2766	2771	2776	rBV3	24273	39206	1.83%	0.187%
56	19.274	2781	2786	2788	rVV2	245619	363797	17.00%	1.737%
57	19.304	2788	2791	2800	rVV	569428	783781	36.62%	3.742%
58	19.374	2800	2803	2811	rVB2	29106	50358	2.35%	0.240%
59	19.486	2814	2822	2828	rBV2	39622	59700	2.79%	0.285%
60	19.633	2841	2847	2848	rBV3	32367	48268	2.26%	0.230%
61	19.692	2853	2857	2860	rVB	20599	26639	1.24%	0.127%
62	19.768	2866	2870	2872	rBV3	22229	29708	1.39%	0.142%
63	19.810	2872	2877	2882	rVB	118212	164577	7.69%	0.786%
64	19.910	2888	2894	2898	rBV	141728	176256	8.24%	0.841%
65	19.963	2898	2903	2908	rVV3	52885	90469	4.23%	0.432%
66	20.010	2908	2911	2914	rVV4	18218	25561	1.19%	0.122%
67	20.051	2914	2918	2921	rVV5	14931	21856	1.02%	0.104%
68	20.104	2924	2927	2931	rVV3	17662	25364	1.19%	0.121%
69	20.157	2931	2936	2945	rVB6	15065	41400	1.93%	0.198%
70	20.727	3030	3033	3037	rBV2	39558	50157	2.34%	0.239%
71	20.768	3037	3040	3042	rVV2	31446	36458	1.70%	0.174%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

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Peak separation: 5

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

72	20.804	3042	3046	3051	rVB3	19567	33753	1.58%	0.161%
73	20.962	3070	3073	3078	rBV5	16824	27551	1.29%	0.132%
74	21.080	3086	3093	3097	rBV2	1431819	1974300	92.25%	9.425%
75	21.115	3097	3099	3104	rVB	158854	175154	8.18%	0.836%
76	21.233	3115	3119	3122	rBV3	45931	58735	2.74%	0.280%
77	22.586	3345	3349	3350	rBV2	51669	61889	2.89%	0.295%
78	23.086	3430	3434	3437	rBV3	33832	51114	2.39%	0.244%
79	23.133	3438	3442	3450	rVB4	55883	136570	6.38%	0.652%
80	23.221	3450	3457	3463	rBV	645847	1141816	53.35%	5.451%

Sum of corrected areas: 20947841

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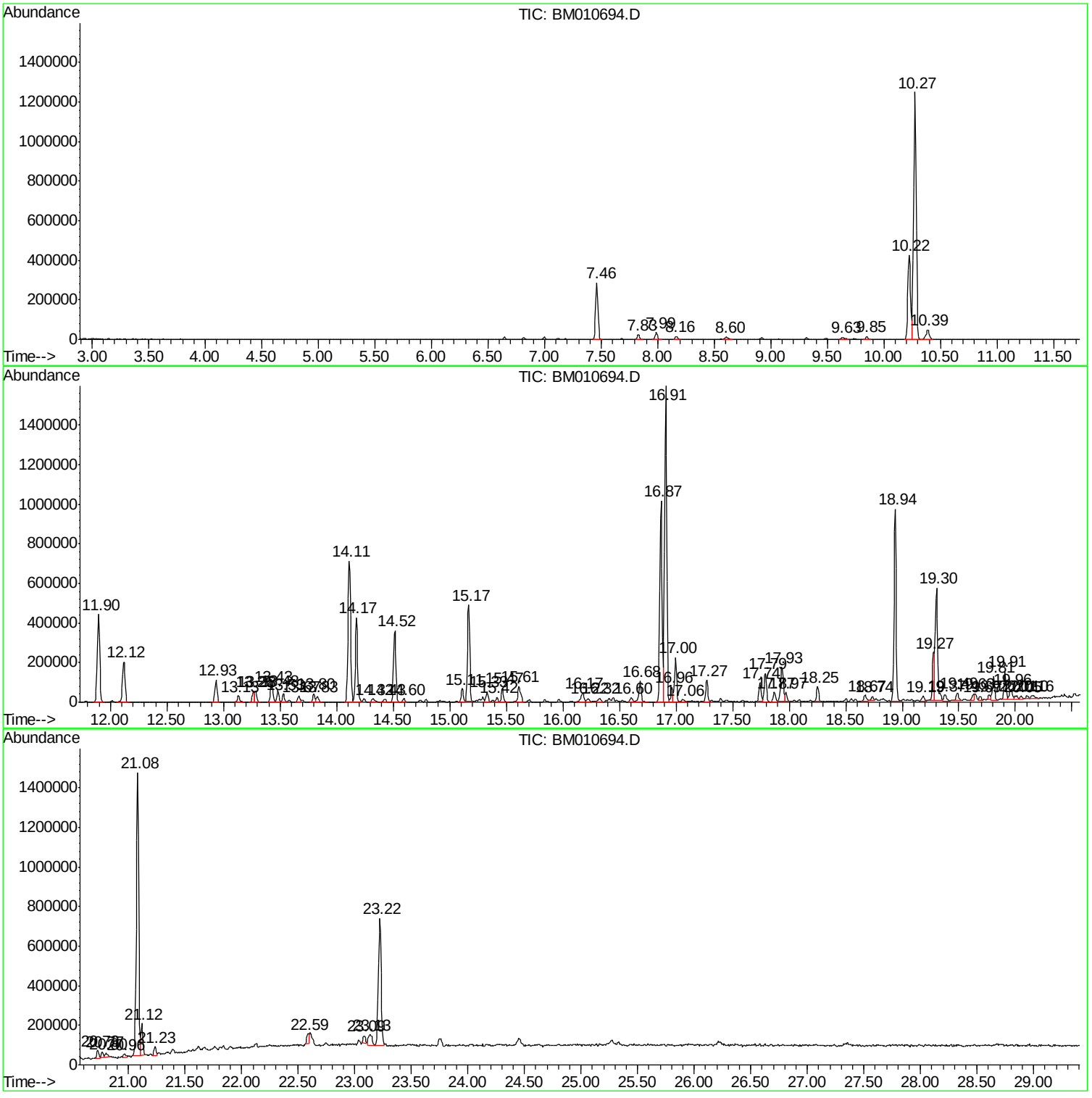
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B25MEDL

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\BM062317\
Data File : BM010694.D
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Operator : SJ/JU
Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

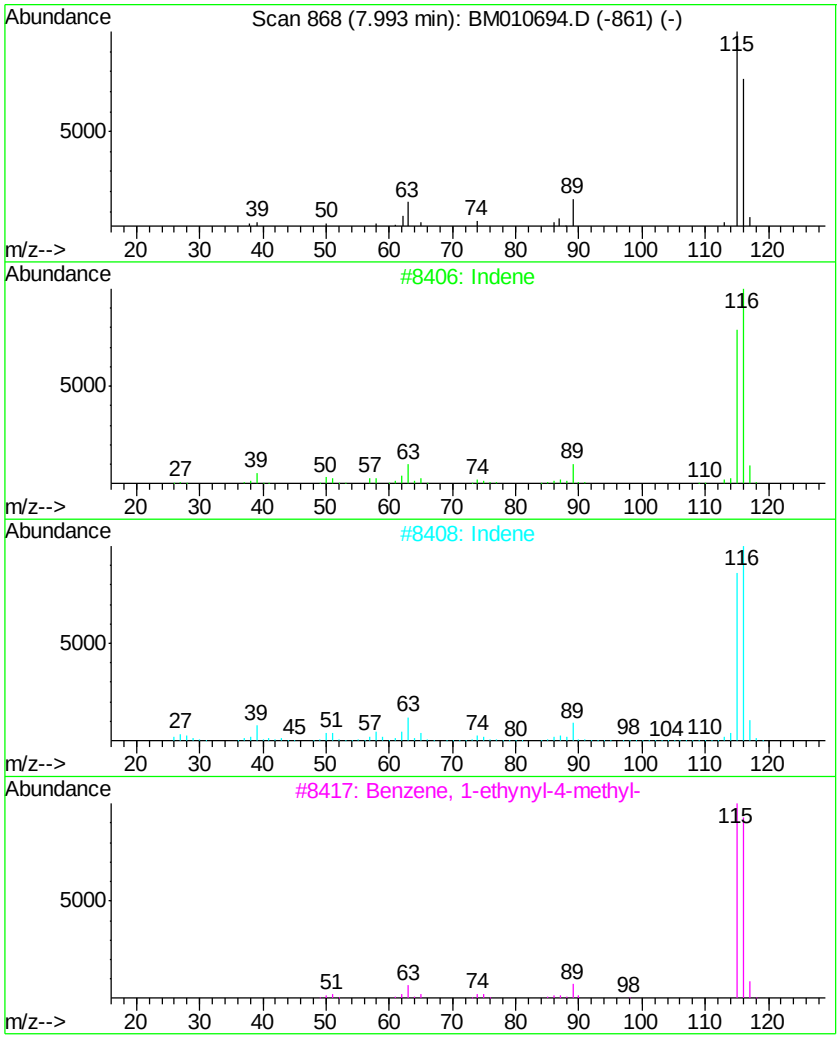
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

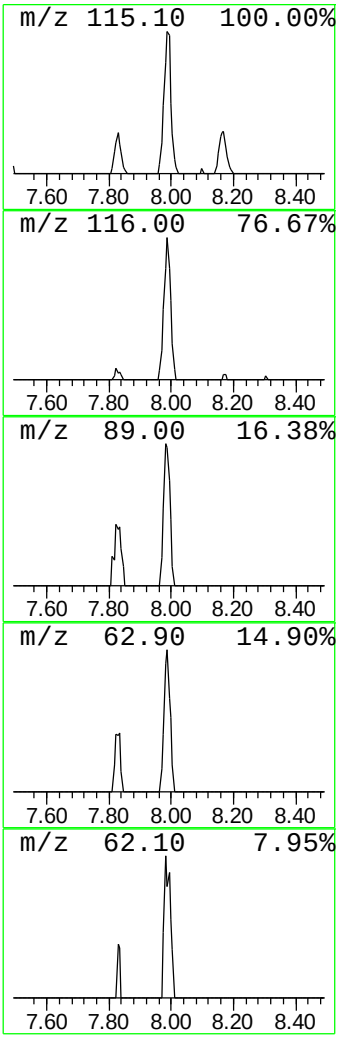
****

Peak Number 1 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	2.38 ng/ul	52863	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	91
2	Indene	116	C9H8	000095-13-6	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	86
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Operator : SJ/JU
Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

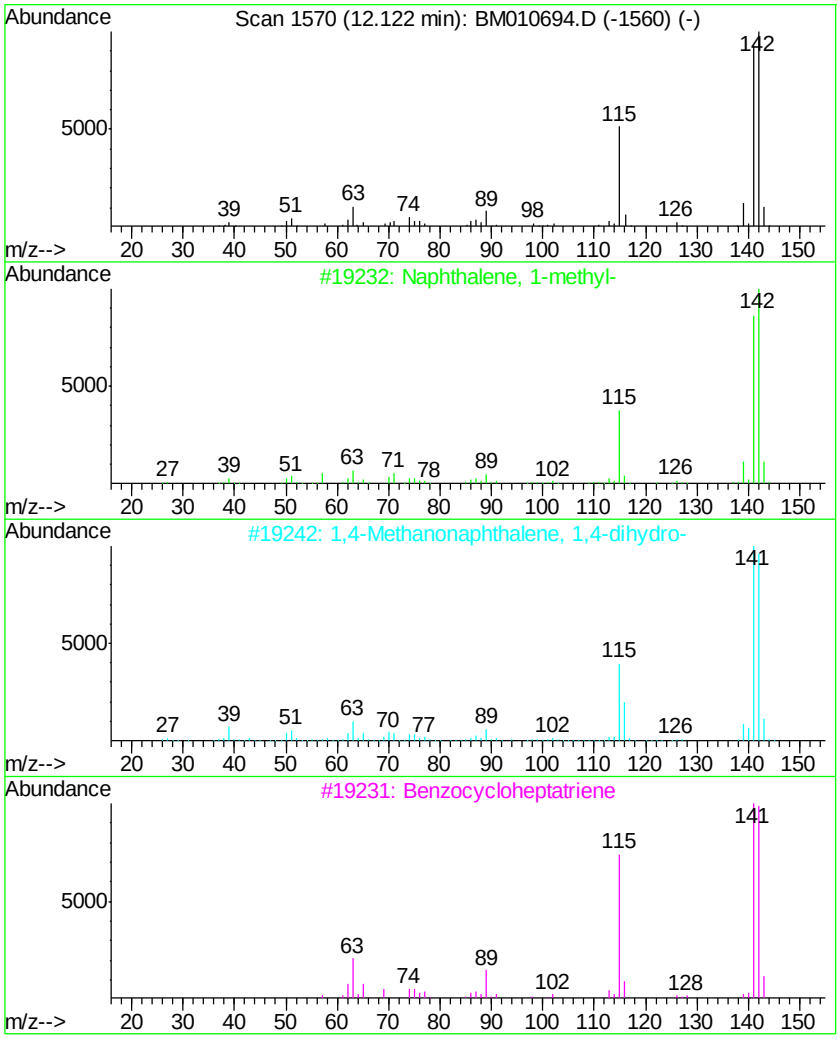
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

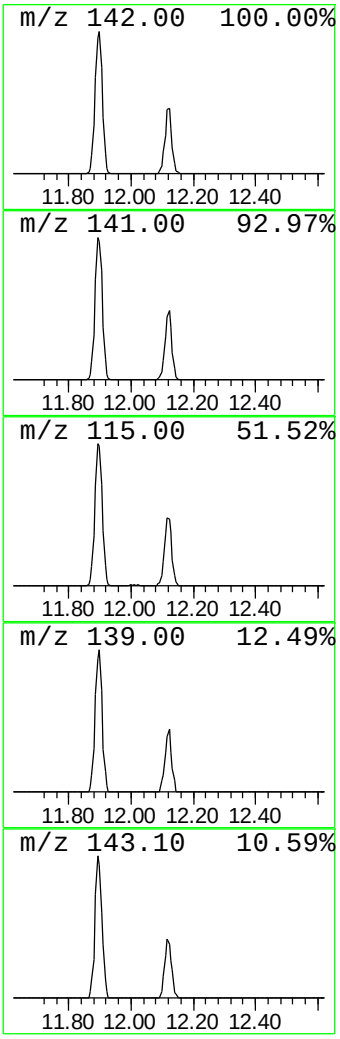
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	9.43 ng/ul	330621	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010694.D
Acq On : 23 Jun 2017 17:37
Operator : SJ/JU
Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

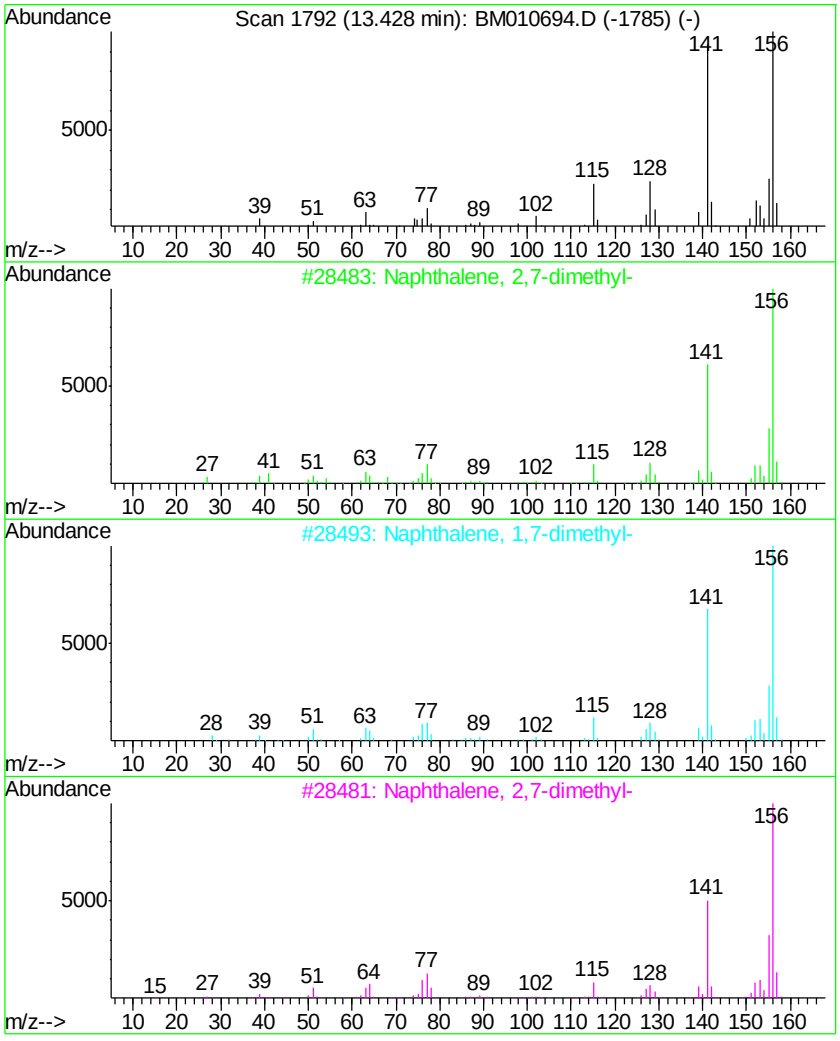
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

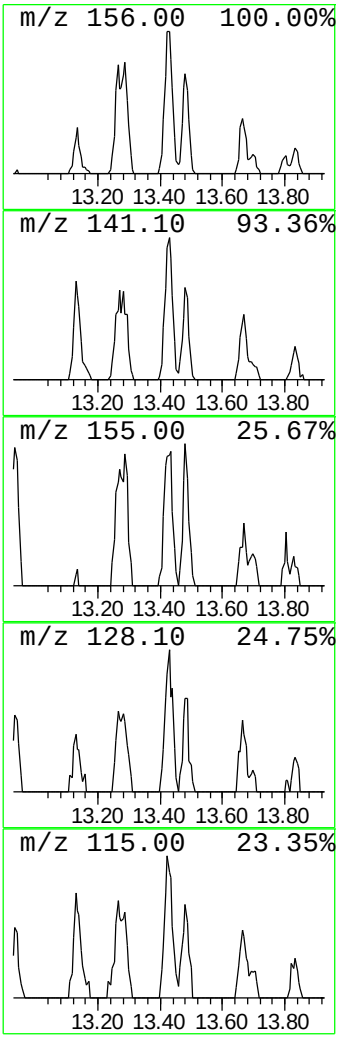
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.54 ng/ul	140949	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

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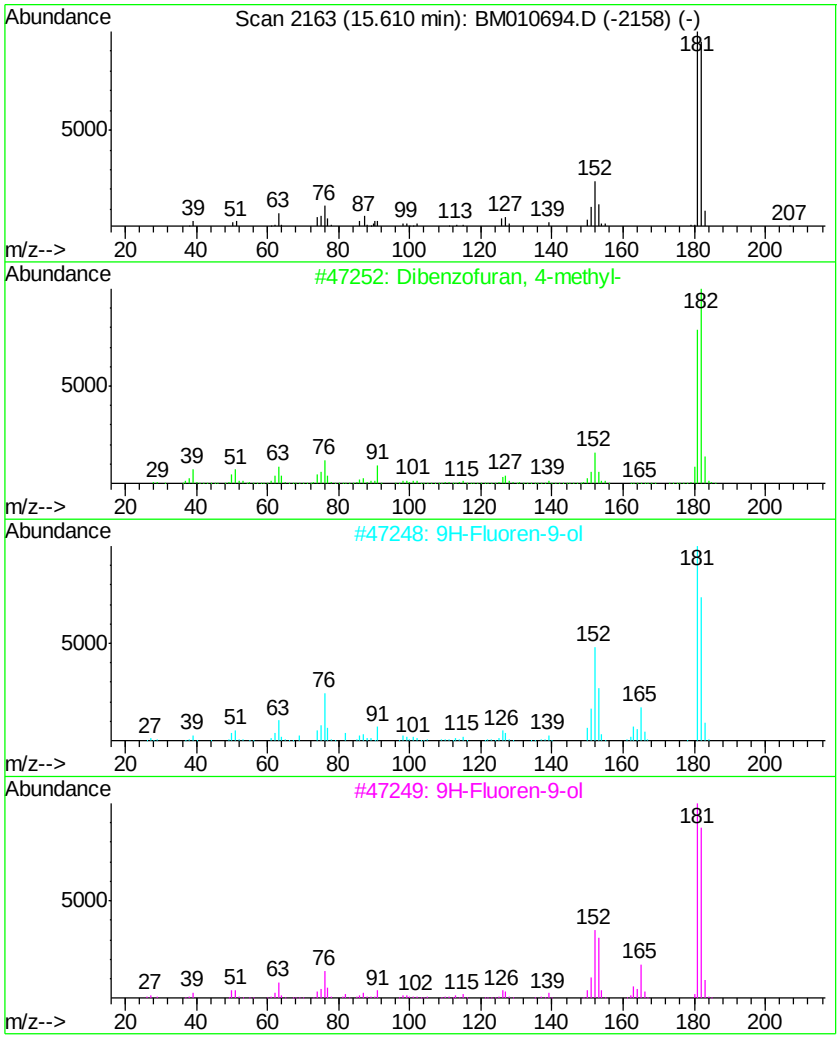
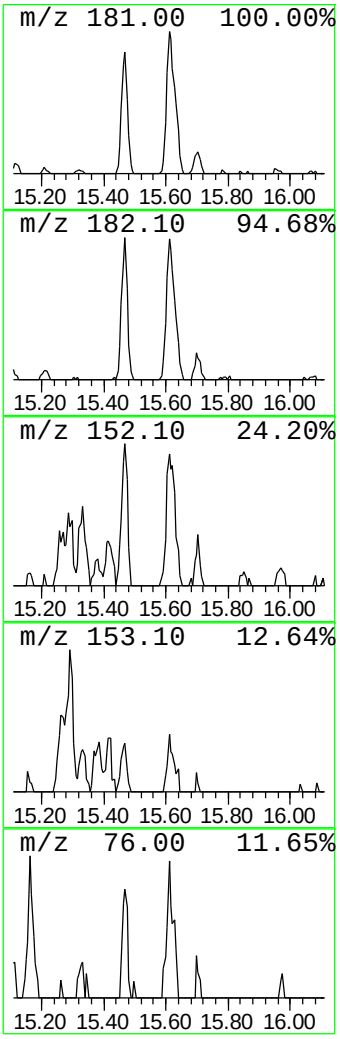
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.05 ng/ul	144103	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





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Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

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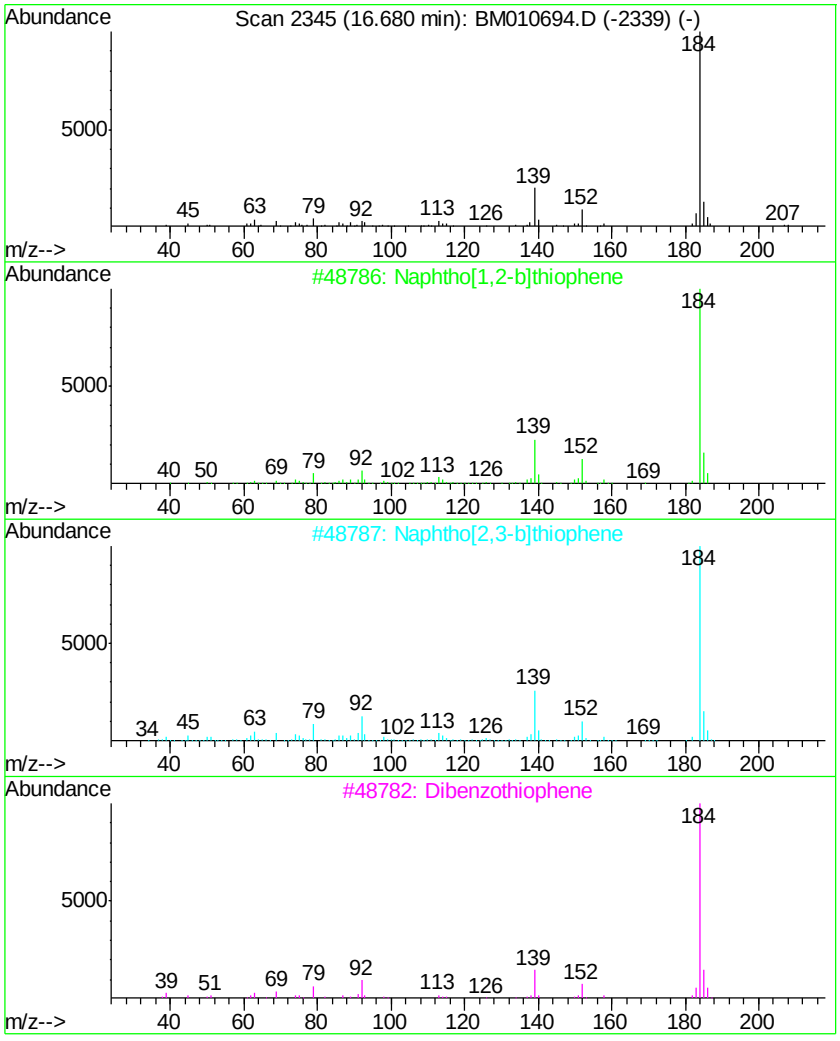
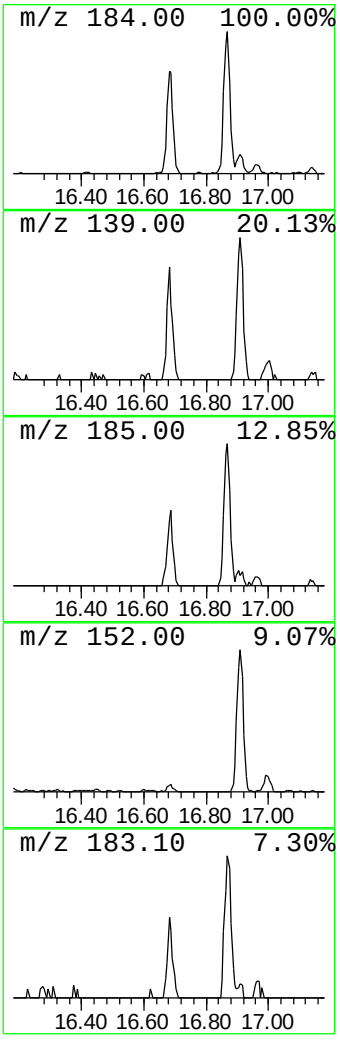
Peak Number 5 Naphtho[1,2-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.15 ng/ul	151156	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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Operator : SJ/JU
Sample : I3599-11ME 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25MEDL

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

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Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.84 ng/ul	199413	Phenanthrene-d10	16.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	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	94