LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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-BM052717.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	6.534	579	586	595	rVB	211005	339298	4.01%	0.346%
2	7.081	670	679	688	rBV	457218	794494	9.38%	0.811%
3	7.240	699	706	712	rVV	330660	541498	6.39%	0.553%
4	7.298	712	716	723	rVB4	58593	109690	1.30%	0.112%
5	7.434	730	739	746	rBV	576145	893257	10.55%	0.912%
6	7.893	811	817	826	rBV	667067	1094067	12.92%	1.117%
7	8.075	841	848	855	rBV2	213631	326452	3.86%	0.333%
8	8.175	860	865	872	rVB4	138264	224329	2.65%	0.229%
9	8.616	934	940	946	rBV	494585	803384	9.49%	0.820%
10	8.675	946	950	956	rVB3	69054	111667	1.32%	0.114%
11	9.081	1011	1019	1026	rBV	490674	826288	9.76%	0.843%
12	9.792	1134	1140	1146	rBV3	467934	781607	9.23%	0.798%
13	9.998	1168	1175	1181	rBV7	52767	86584	1.02%	0.088%
14	10.322	1222	1230	1238	rBV	733532	1263228	14.92%	1.289%
15	10.698	1288	1294	1300	rBV	841089	1388768	16.40%	1.417%
16	10.863	1315	1322	1331	rBV2	464867	827191	9.77%	0.844%
17	12.792	1644	1650	1657	rBV2	161537	246392	2.91%	0.251%
18	13.945	1841	1846	1850	rBV	1326969	1827290	21.58%	1.865%
19	13.992	1850	1854	1861	rVB	603184	861876	10.18%	0.880%
20	14.151	1875	1881	1886	rBV3	115160	176420	2.08%	0.180%
21	14.233	1887	1895	1907	rVV	1299826	2220715	26.23%	2.267%
22	14.351	1908	1915	1922	rVV	99431	275447	3.25%	0.281%
23	14.451	1922	1932	1939	rVV7	126829	335503	3.96%	0.342%
24	14.533	1939	1946	1955	rVV2	1259665	2190726	25.87%	2.236%
25	14.610	1955	1959	1964	rVB6	108036	159278	1.88%	0.163%
26	14.780	1983	1988	1999	rVB2	292698	592353	7.00%	0.605%
27	14.921	2006	2012	2019	rBV9	52683	111959	1.32%	0.114%
28	15.521	2108	2114	2122	rVB	1787653	2591630	30.61%	2.645%
29	15.651	2130	2136	2141	rBV	532626	732290	8.65%	0.747%
30	15.910	2176	2180	2183	rBV3	119524	152099	1.80%	0.155%
31	16.010	2193	2197	2204	rVB6	108960	201562	2.38%	0.206%
32	16.151	2217	2221	2226	rBV	116679	192069	2.27%	0.196%
33	16.204	2226	2230	2236	rVV9	88670	215090	2.54%	0.220%
34	16.251	2236	2238	2244	rVB3	85074	103568	1.22%	0.106%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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-BM052717.M
Title : SVOA CALIBRATION

35	16.363	2253	2257	2260	rBV	185195	218101	2.58%	0.223%
36	16.404	2260	2264	2270	rBV3	177998	285047	3.37%	0.291%
37	16.580	2291	2294	2299	rVB7	90462	133746	1.58%	0.137%
38	16.633	2299	2303	2308	rBV3	339096	462281	5.46%	0.472%
39	16.686	2308	2312	2314	rBV4	138119	186938	2.21%	0.191%
40	16.727	2314	2319	2321	rBV2	418953	540688	6.39%	0.552%
41	16.798	2327	2331	2334	rBV6	93035	143718	1.70%	0.147%
42	16.845	2334	2339	2342	rVV3	524364	712853	8.42%	0.728%
43	16.874	2342	2344	2349	rVB4	229050	295248	3.49%	0.301%
44	16.933	2349	2354	2357	rBV5	348250	620278	7.33%	0.633%
45	16.968	2357	2360	2363	rVB5	133981	171178	2.02%	0.175%
46	17.057	2371	2375	2386	rVB7	297314	551773	6.52%	0.563%
47	17.180	2386	2396	2402	rBV	4388314	5991886	70.76%	6.116%
48	17.280	2408	2413	2421	rBV	1891259	3814045	45.04%	3.893%
49	17.345	2421	2424	2426	rVV	650392	894064	10.56%	0.913%
50	17.380	2426	2430	2435	rVV	2206430	2947154	34.80%	3.008%
51	17.457	2439	2443	2449	rBV2	1339533	1886843	22.28%	1.926%
52	17.627	2464	2472	2482	rBV	5393151	8467888	100.00%	8.643%
53	17.762	2493	2495	2502	rVB5	289247	429080	5.07%	0.438%
54	17.880	2510	2515	2518	rBV	1409800	1859322	21.96%	1.898%
55	17.915	2518	2521	2525	rVB4	443252	613743	7.25%	0.626%
56	18.015	2534	2538	2543	rBV3	329207	420709	4.97%	0.429%
57	18.074	2543	2548	2551	rBV4	447597	668346	7.89%	0.682%
58	18.133	2551	2558	2562	rVV3	1203242	1980375	23.39%	2.021%
59	18.174	2562	2565	2570	rVB4	379558	505176	5.97%	0.516%
60	18.262	2576	2580	2583	rBV	427275	543744	6.42%	0.555%
61	18.339	2591	2593	2596	rBV4	126662	150432	1.78%	0.154%
62	18.380	2596	2600	2604	rBV	2379976	3097364	36.58%	3.161%
63	18.462	2610	2614	2618	rVB2	395673	502395	5.93%	0.513%
64	18.557	2625	2630	2637	rVB6	246517	466458	5.51%	0.476%
65	18.657	2644	2647	2650	rBV3	251623	295092	3.48%	0.301%
66	18.956	2695	2698	2702	rVB3	389699	476204	5.62%	0.486%
67	18.998	2703	2705	2711	rVB5	169459	205368	2.43%	0.210%
68	19.051	2712	2714	2717	rVV4	144312	136770	1.62%	0.140%
69	19.086	2717	2720	2725	rBV6	160171	241896	2.86%	0.247%
70	19.327	2758	2761	2768	rVB	1405545	1961557	23.16%	2.002%
71	19.404	2770	2774	2778	rBV2	636451	904468	10.68%	0.923%

LSC Area Percent Report

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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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-BM052717.M
Title : SVOA CALIBRATION

72	19.462	2781	2784	2787	rVV2	281474	324191	3.83%	0.331%
73	19.533	2794	2796	2800	rBV5	177055	179714	2.12%	0.183%
74	19.580	2801	2804	2808	rVB5	317231	375146	4.43%	0.383%
75	19.668	2814	2819	2822	rBV2	2915659	4420453	52.20%	4.512%
76	19.698	2822	2824	2830	rVB	1513683	1644258	19.42%	1.678%
77	19.921	2859	2862	2865	rVB2	372542	361279	4.27%	0.369%
78	20.021	2876	2879	2885	rVB4	607492	832777	9.83%	0.850%
79	20.439	2947	2950	2952	rBV2	195078	207647	2.45%	0.212%
80	20.821	3010	3015	3018	rBV	1873616	2791480	32.97%	2.849%
81	20.927	3031	3033	3038	rVB	334228	417599	4.93%	0.426%
82	21.174	3072	3075	3079	rBV3	502542	658738	7.78%	0.672%
83	21.345	3101	3104	3111	rVB3	1352055	1636833	19.33%	1.671%
84	21.409	3112	3115	3116	rBV2	778779	785227	9.27%	0.801%
85	21.445	3117	3121	3125	rVV2	3023539	4854812	57.33%	4.955%
86	21.486	3125	3128	3132	rVB	887919	1122335	13.25%	1.146%
87	21.574	3140	3143	3150	rVB7	431278	569947	6.73%	0.582%
88	21.745	3168	3172	3176	rVB6	810280	1346764	15.90%	1.375%
89	23.074	3394	3398	3403	rBV	1188100	2228198	26.31%	2.274%
90	23.633	3489	3493	3498	rBV2	1850264	2974794	35.13%	3.036%
91	23.786	3514	3519	3525	rBV	1641595	2862468	33.80%	2.922%

Sum of corrected areas: 97974957

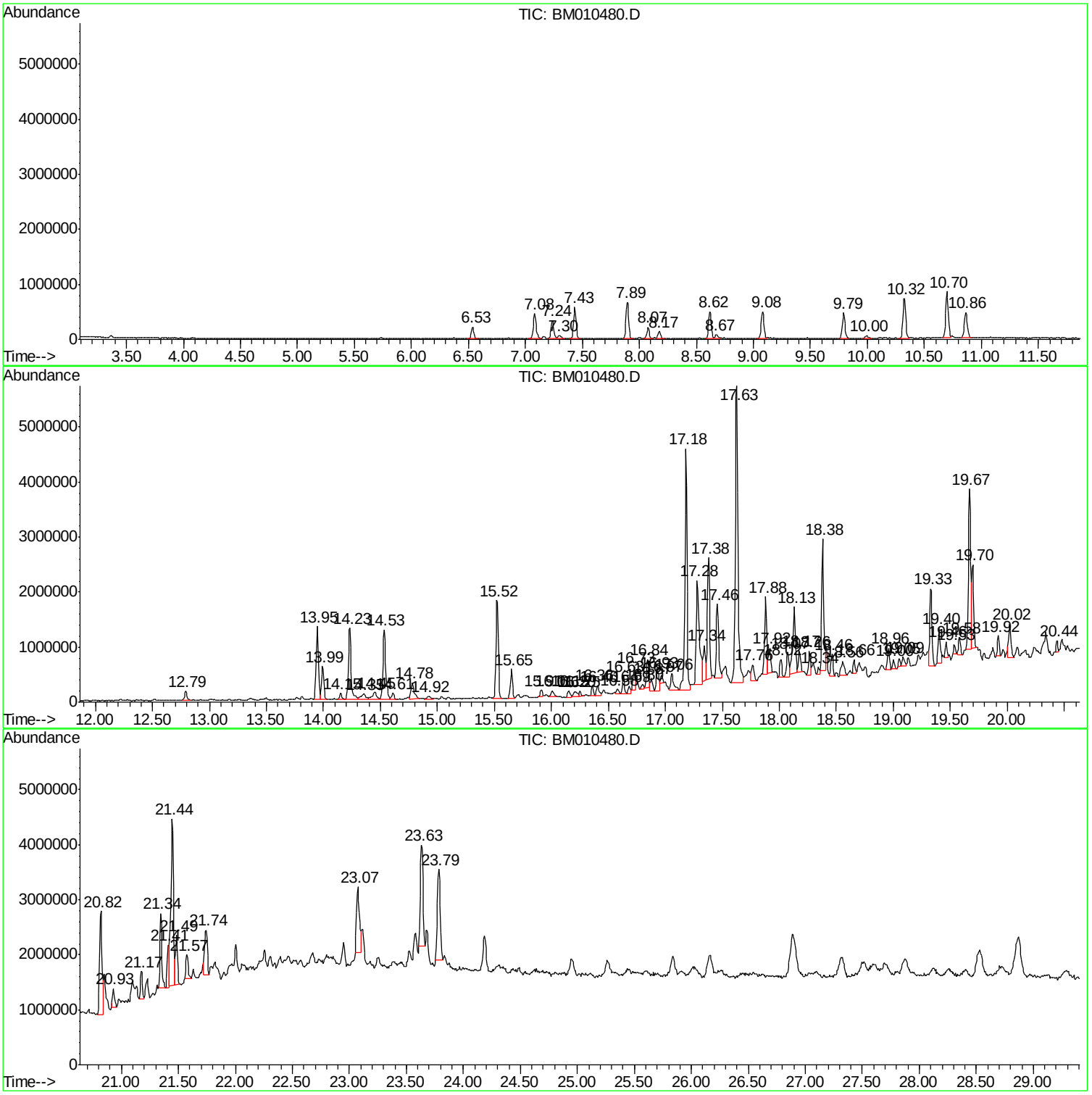
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
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Sample : I3521-16
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

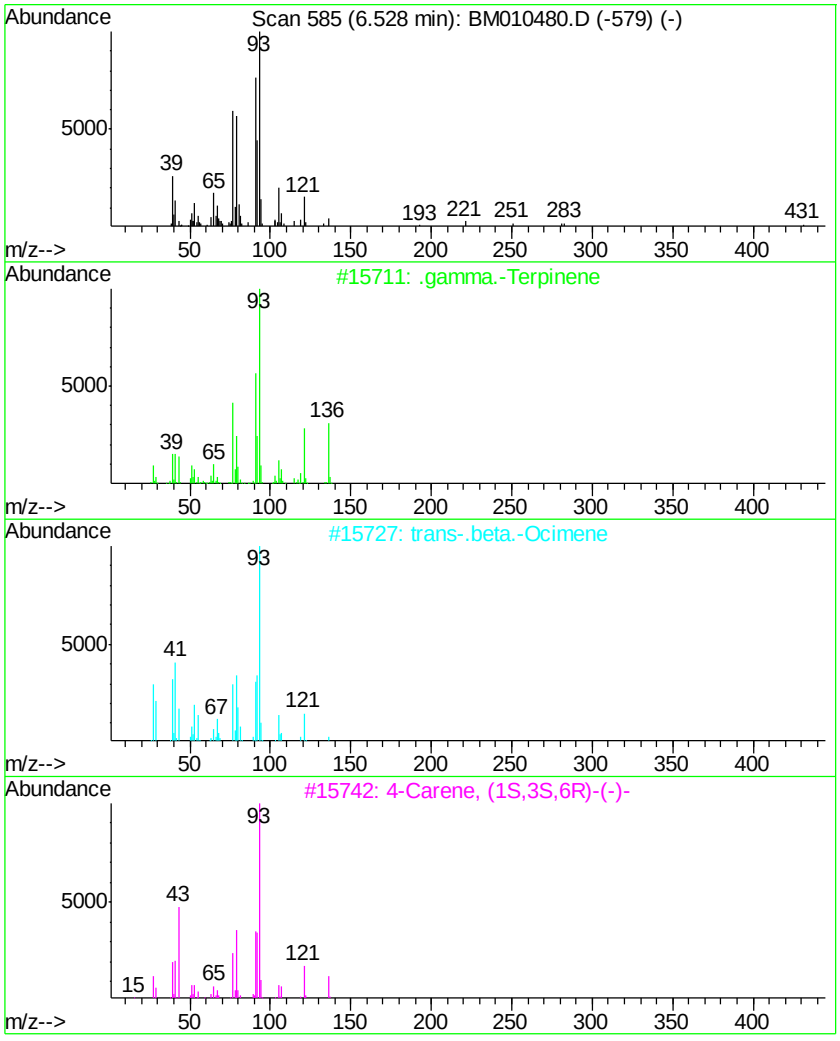
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

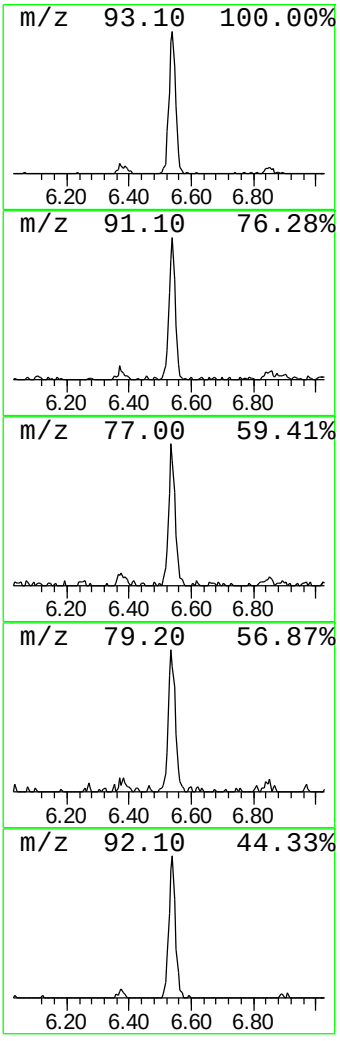
****

Peak Number 1 .gamma.-Terpinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	6.20 ng/ul	339298	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Terpinene	136	C10H16	000099-85-4	90
2	trans-.beta.-Ocimene	136	C10H16	003779-61-1	87
3	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	80
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	68
5	.beta.-Ocimene	136	C10H16	013877-91-3	68





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

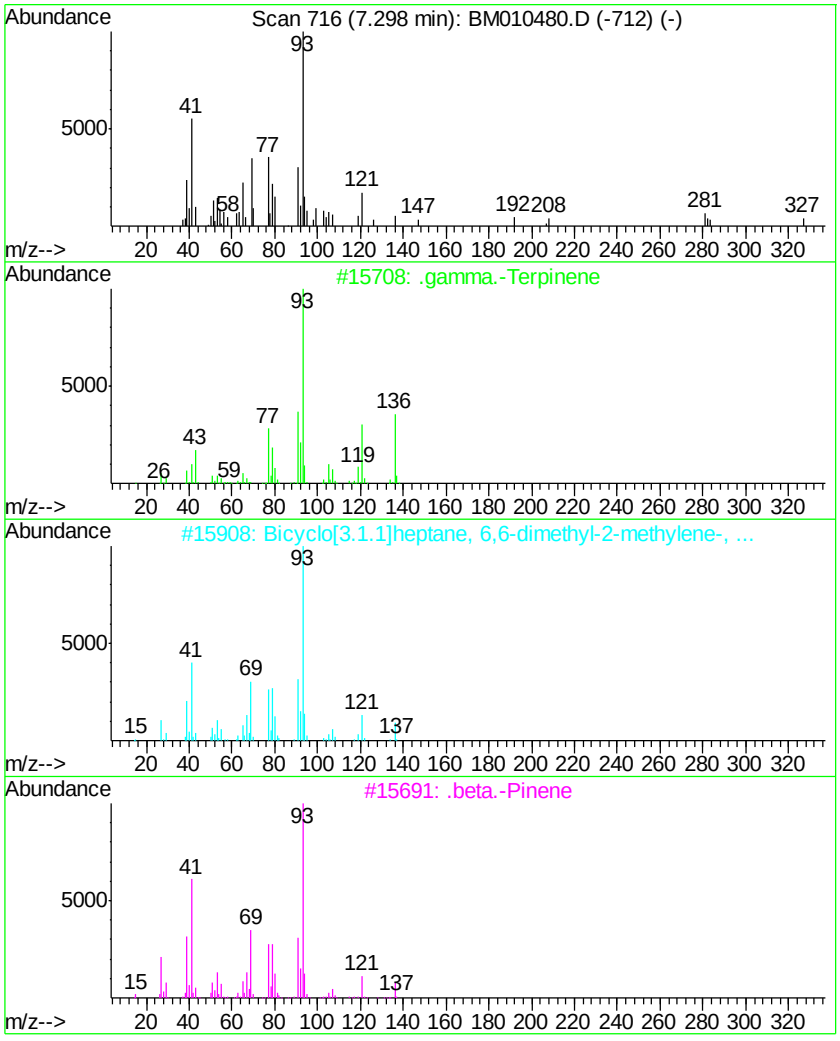
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

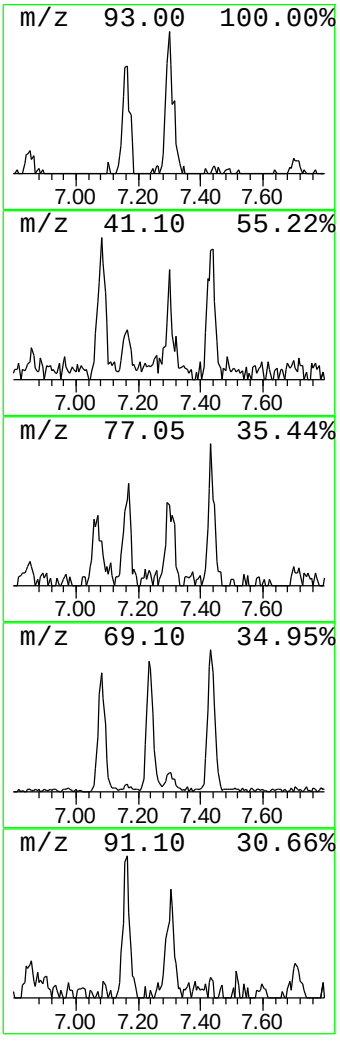
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.01 ng/ul	109690	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Terpinene	136	C10H16	000099-85-4	64
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	59
3	.beta.-Pinene	136	C10H16	000127-91-3	58
4	.beta.-Pinene	136	C10H16	000127-91-3	58
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
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Sample : I3521-16
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Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

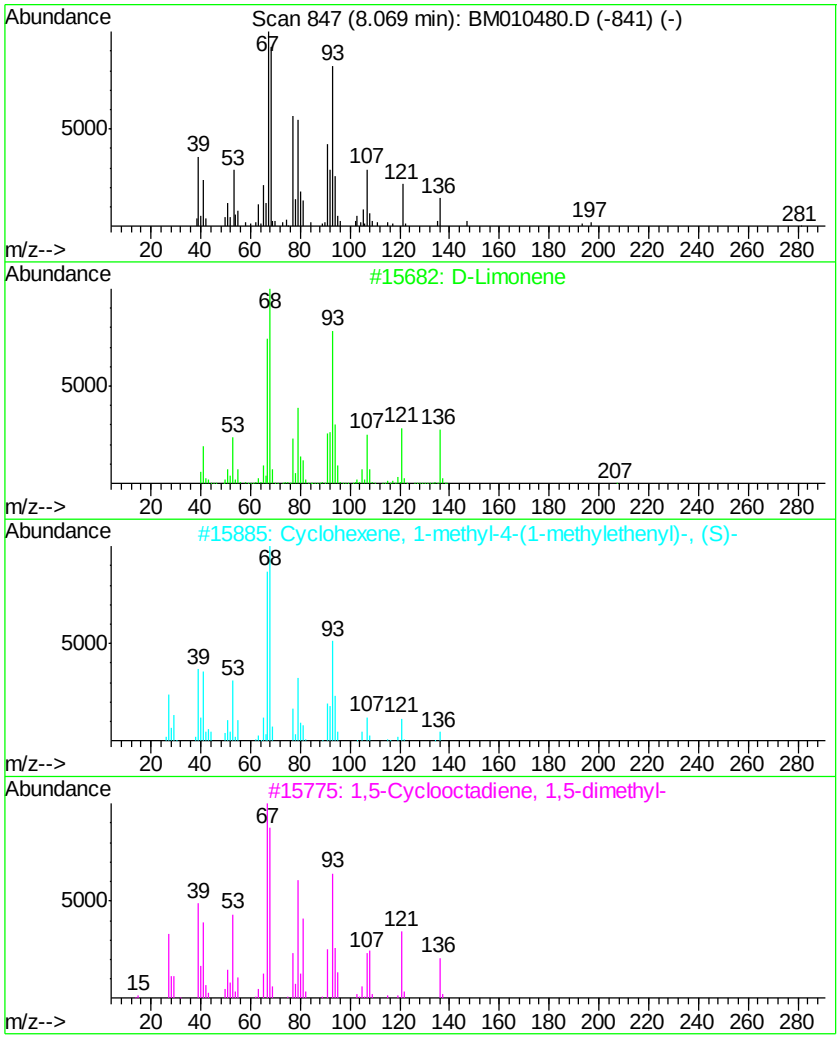
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

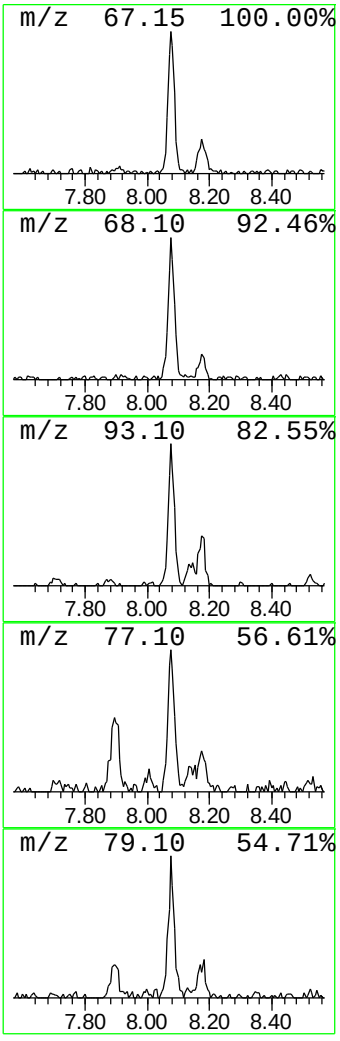
****

Peak Number 3 D-Limonene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	5.97 ng/ul	326452	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	94
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	91
3	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	87
4	D-Limonene	136	C10H16	005989-27-5	76
5	Limonene	136	C10H16	000138-86-3	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
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Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

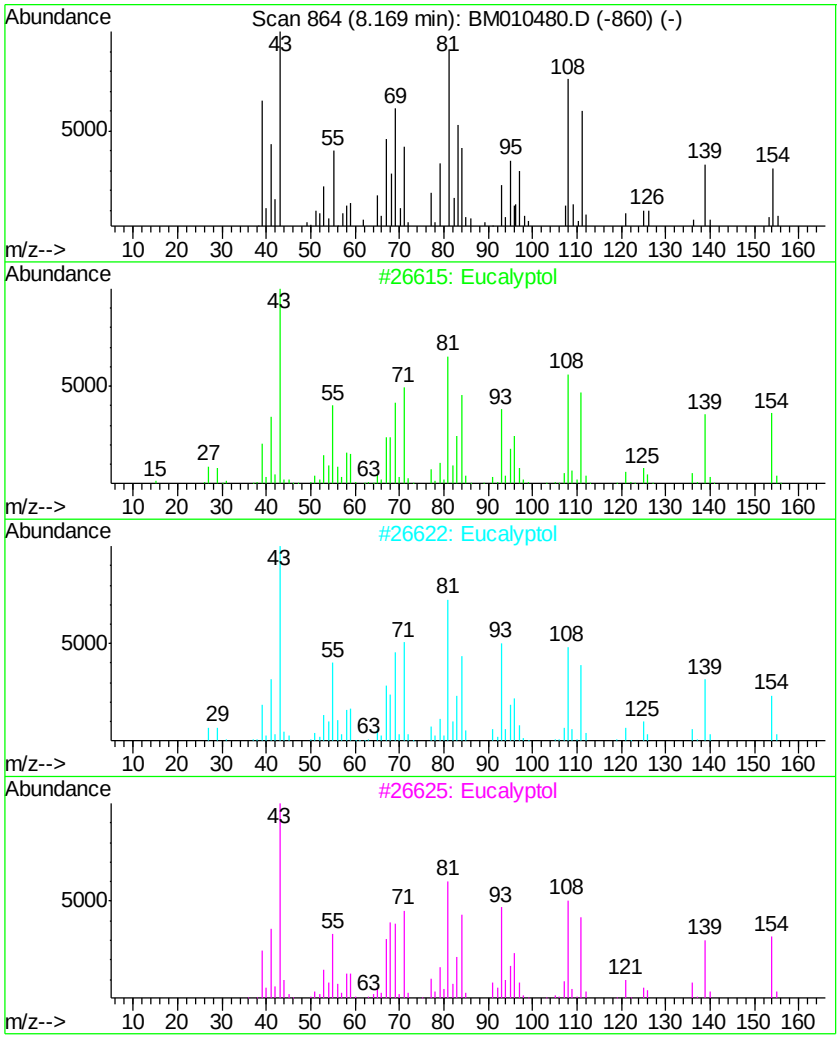
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

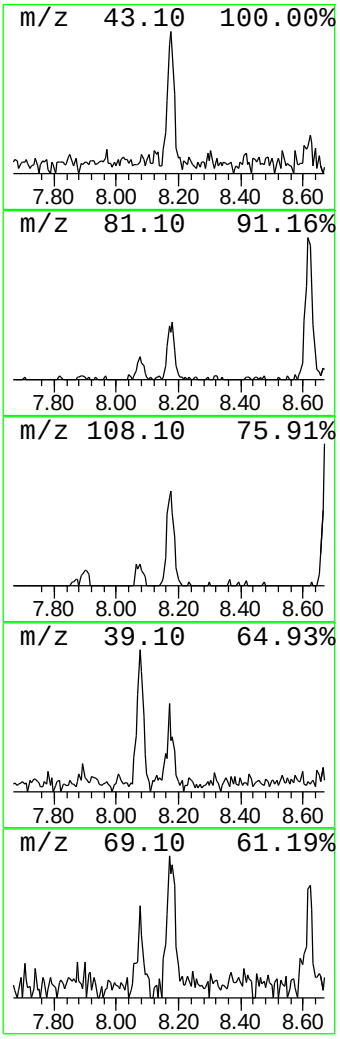
****

Peak Number 4 Eucalyptol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	4.10 ng/ul	224329	1,4-Dichlorobenzene-d4	7.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	95
2	Eucalyptol	154	C10H18O	000470-82-6	78
3	Eucalyptol	154	C10H18O	000470-82-6	60
4	Eucalyptol	154	C10H18O	000470-82-6	50
5	2H-Pyran-2-one, 3-ethyl-4-hydrox...	154	C8H10O3	050607-35-7	38





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

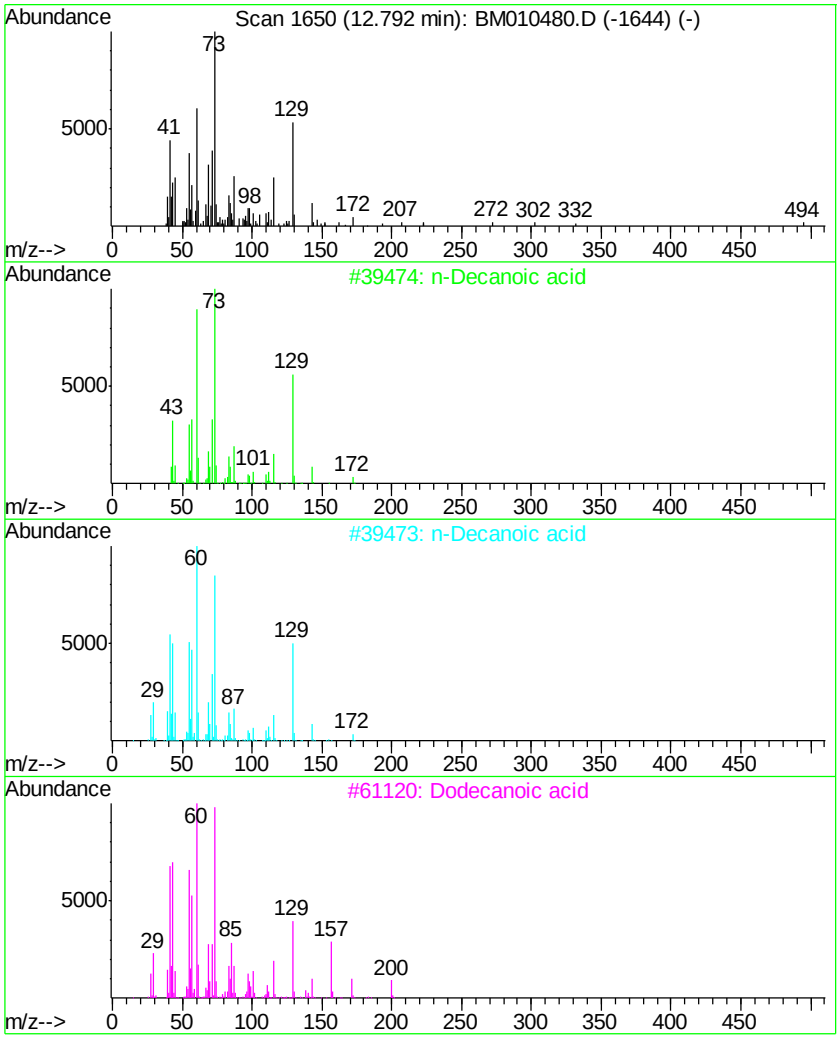
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

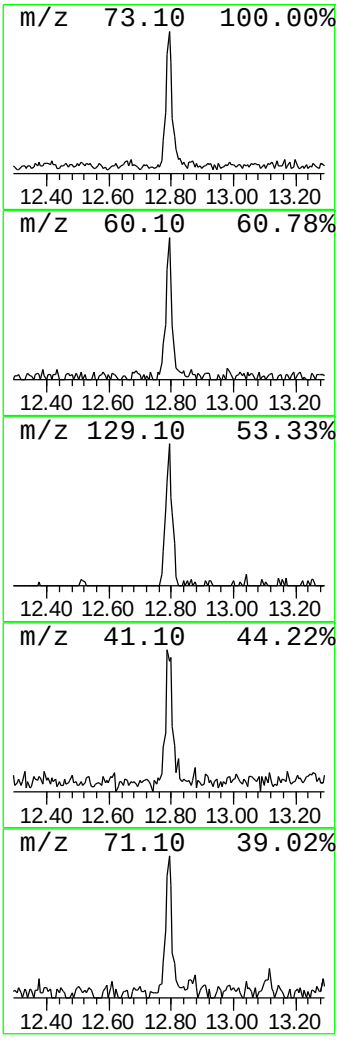
****

Peak Number 5 n-Decanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.25 ng/ul	246392	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

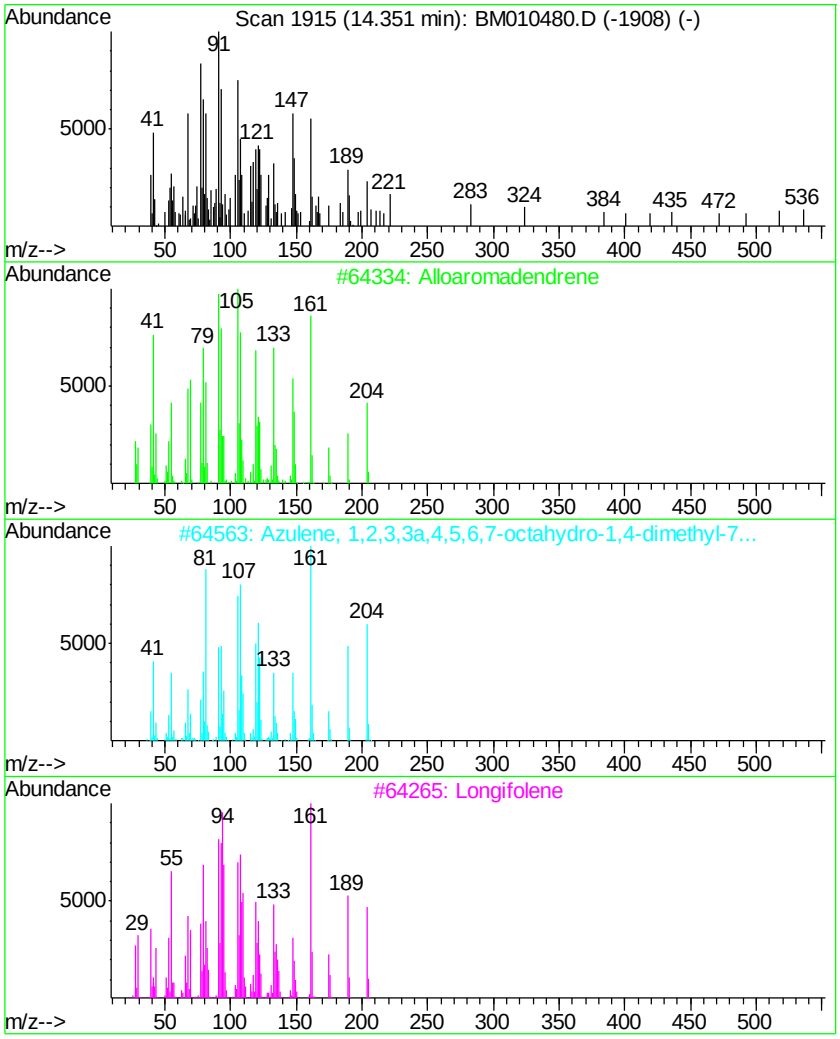
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

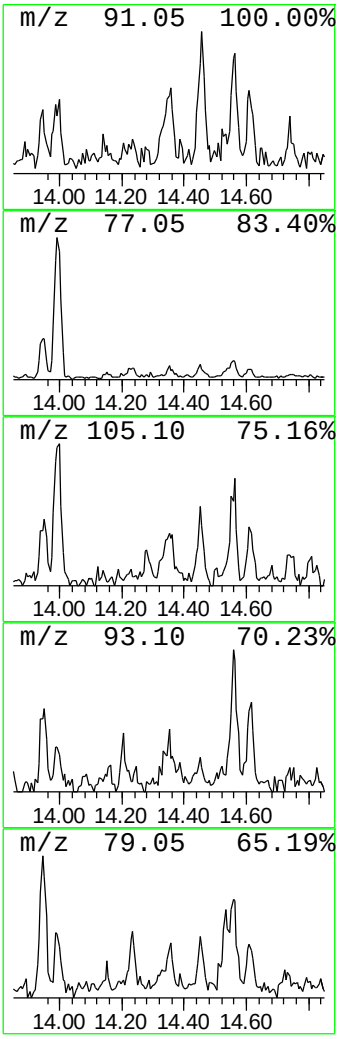
****

Peak Number 6 Alloaromadendrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	2.51 ng/ul	275447	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alloaromadendrene	204	C15H24	025246-27-9	89
2	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	50
3	Longifolene	204	C15H24	000475-20-7	49
4	Alloaromadendrene	204	C15H24	025246-27-9	43
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	42





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Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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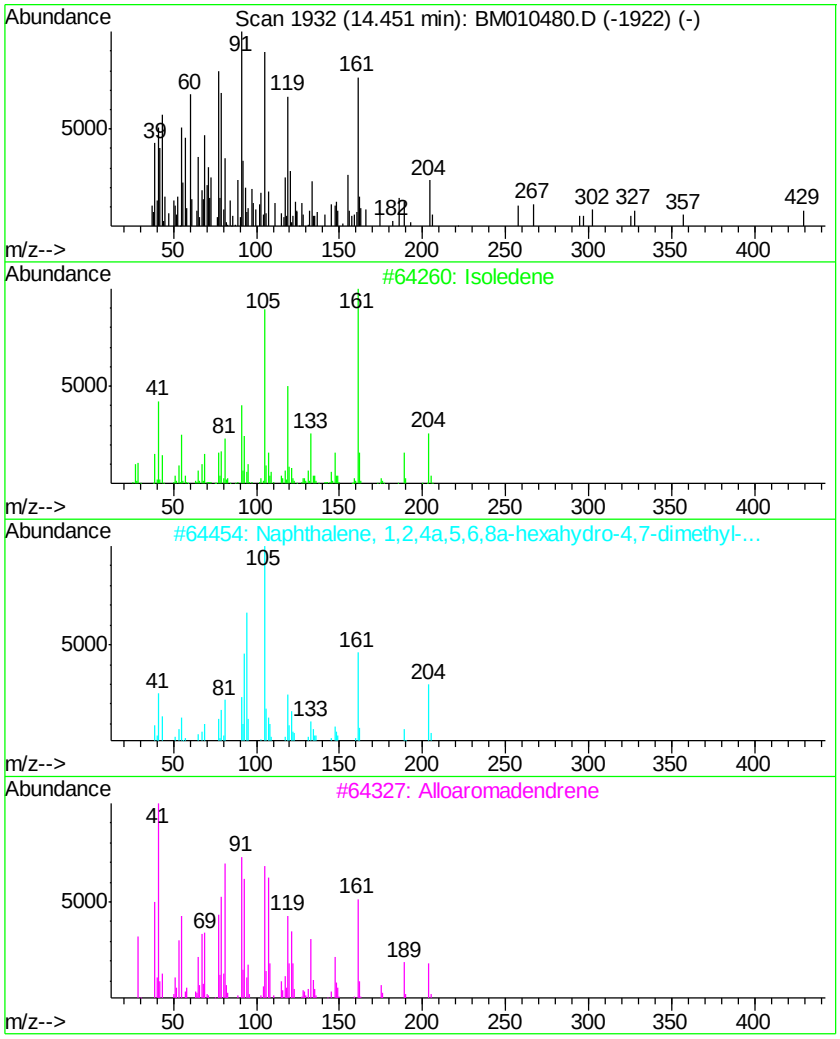
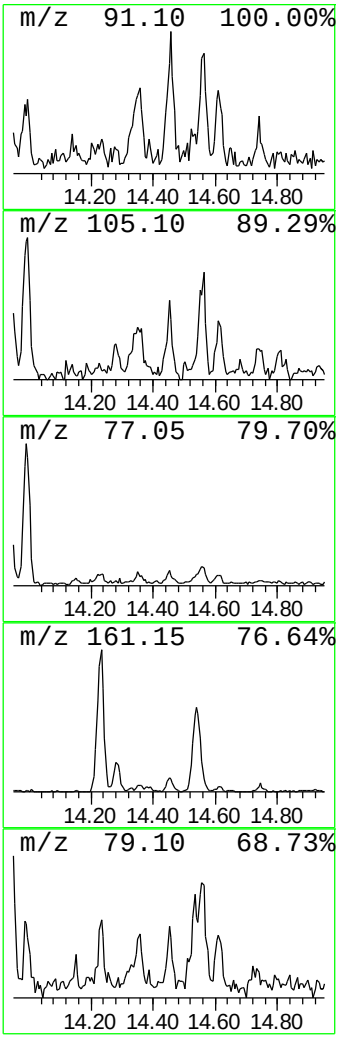
Peak Number 7 Isoledene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.06 ng/ul	335503	Acenaphthene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoledene	204	C15H24	1000156-10-8	83
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	60
3	Alloaromadendrene	204	C15H24	025246-27-9	60
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	55
5	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	50





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Sample : I3521-16
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Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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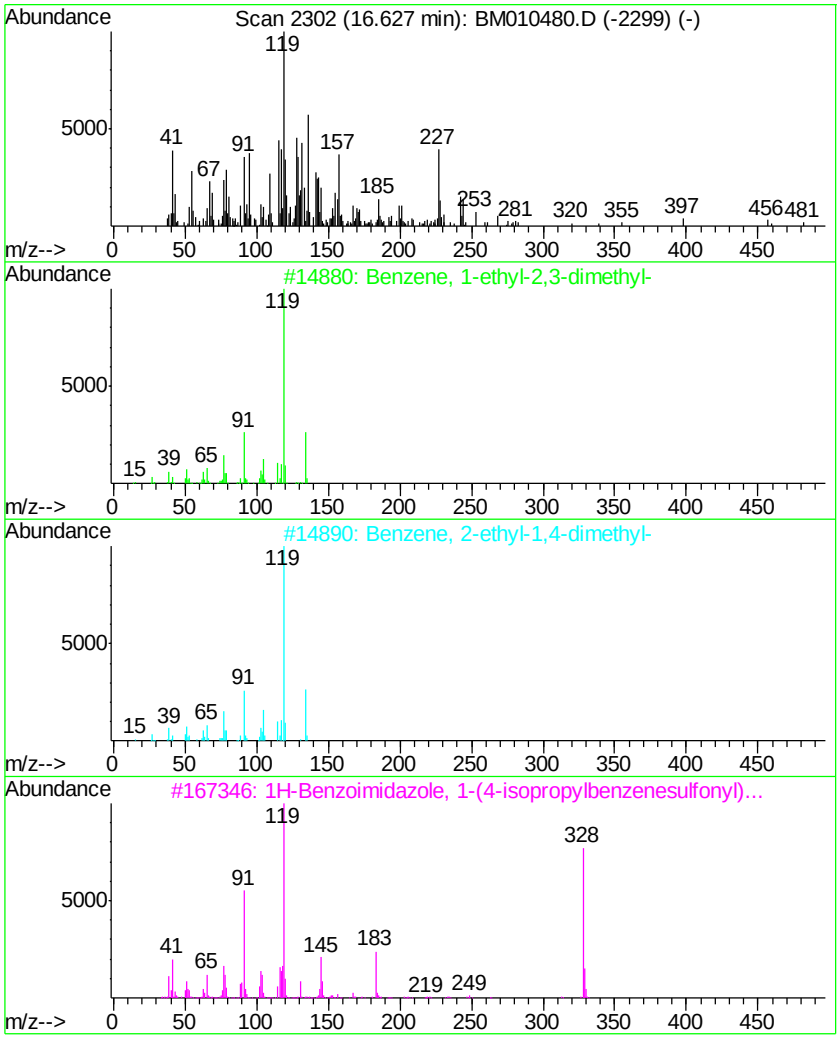
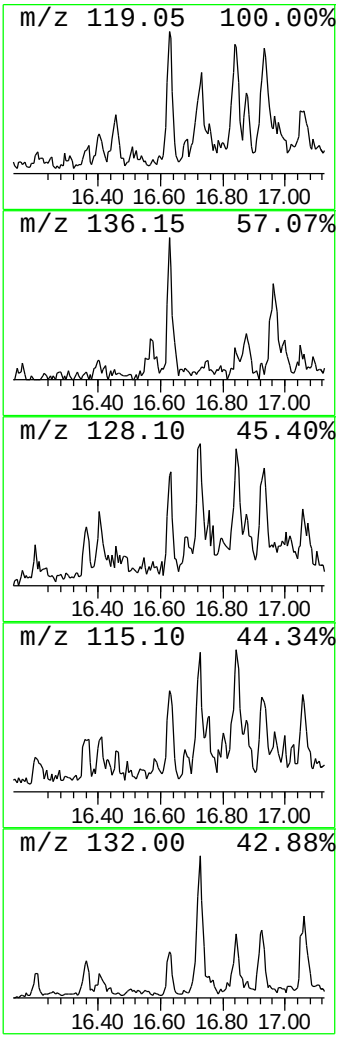
Peak Number 8 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	2.42 ng/ul	462281	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	15
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	15
3	1H-Benzoimidazole, 1-(4-isopropy...	328	C18H20N2O2S	1000304-05-5	15
4	1,5-Dimethyl-2-pyrrolecarbonitrile	120	C7H8N2	056341-36-7	14
5	Ethanedione, (4-methylphenyl)phe...	224	C15H12O2	002431-00-7	11





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Sample : I3521-16
Misc :
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Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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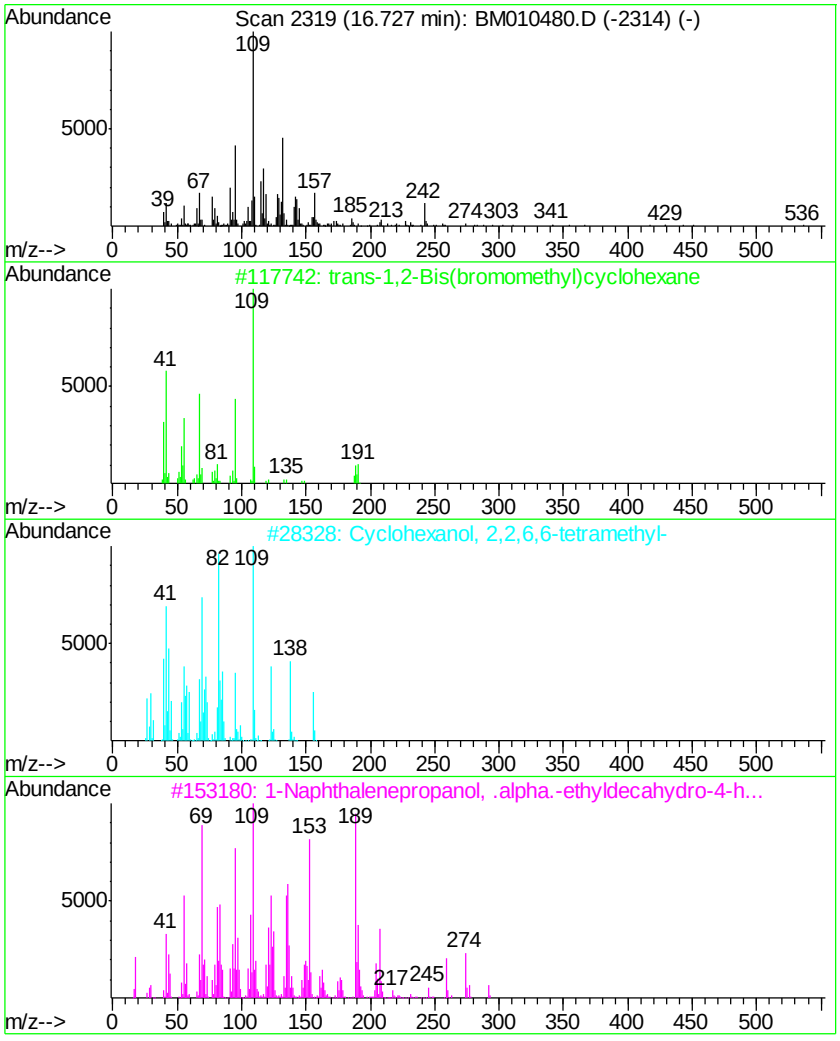
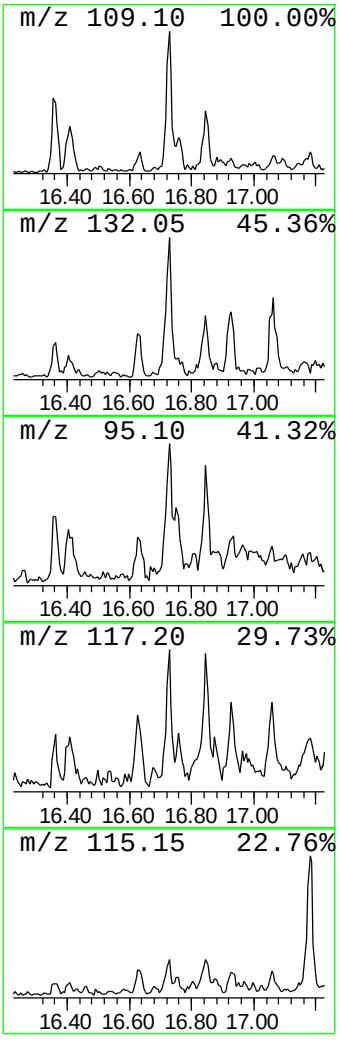
Peak Number 9 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	2.84 ng/ul	540688	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Bis(bromomethyl)cycloh...	268	C8H14Br2	1000216-87-8	43
2	Cyclohexanol, 2,2,6,6-tetramethyl-	156	C10H20O	006948-41-0	37
3	1-Naphthalenepropanol, .alpha.-e...	310	C20H38O2	057397-30-5	30
4	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	25
5	2-Methyl-2H-pyrazole-3-carboxyli...	287	C13H13N5O3	1000260-41-7	22





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Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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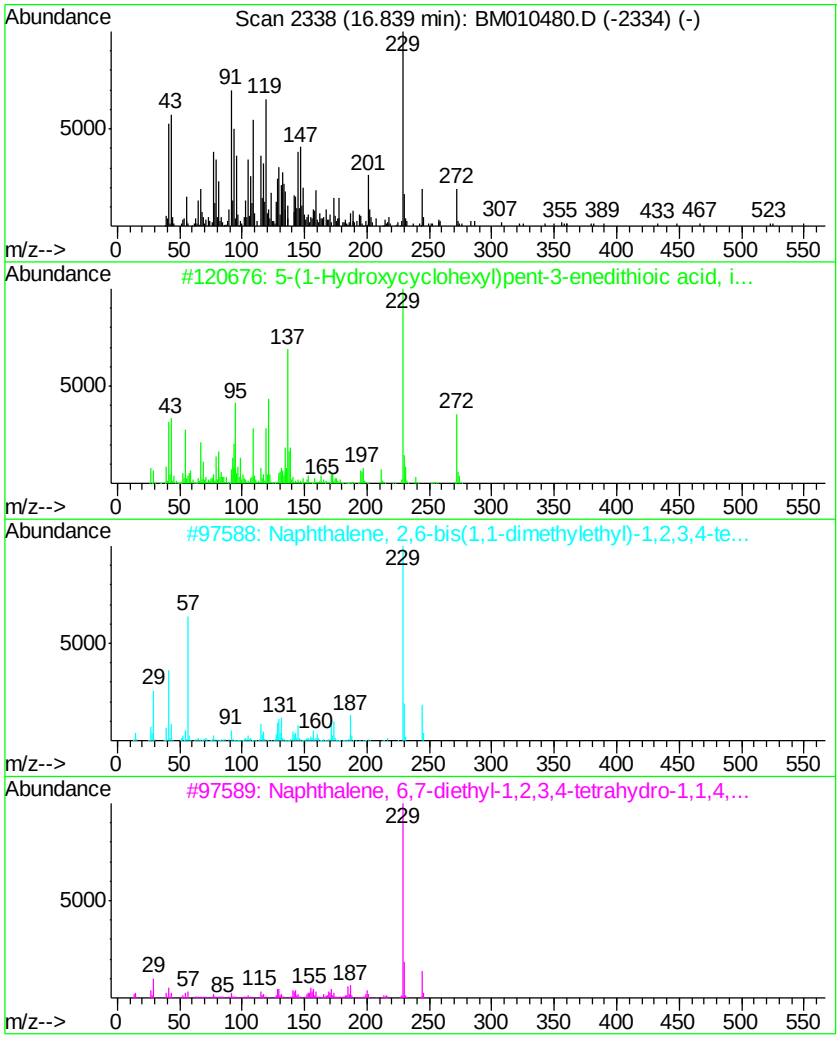
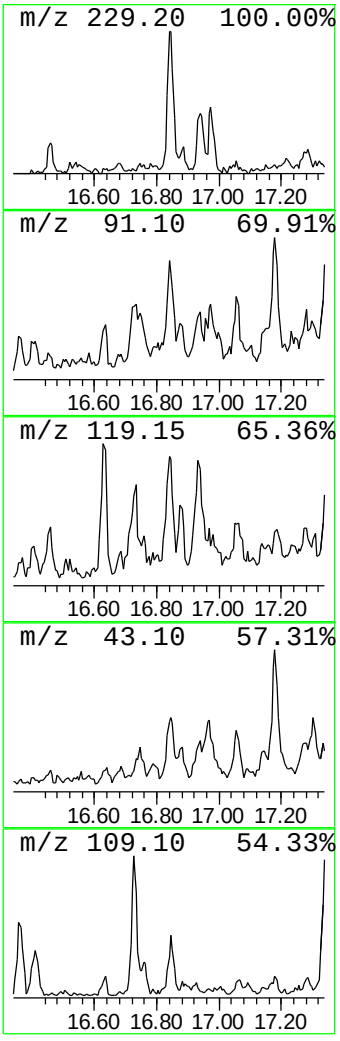
Peak Number 10 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.74 ng/ul	712853	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Hydroxycyclohexyl)pent-3-en...	272	C14H24OS2	083041-14-9	38
2	Naphthalene, 2,6-bis(1,1-dimethy...	244	C18H28	042981-76-0	35
3	Naphthalene, 6,7-diethyl-1,2,3,4...	244	C18H28	055741-10-1	35
4	2-Acetyl-2-(1-methyl-2-pyrrolyl)...	229	C13H11NO3	1000326-75-4	22
5	Butyramide, 3-(2-furyl)-N-phenyl-	229	C14H15NO2	1000156-94-9	22





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Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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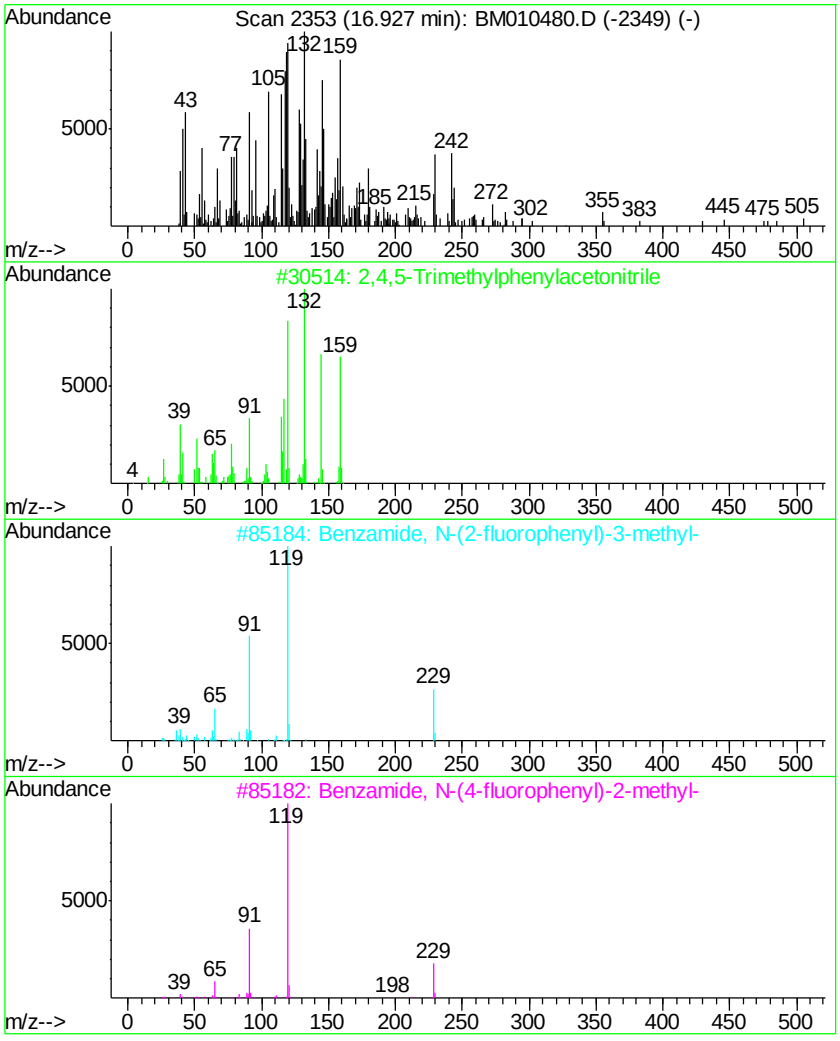
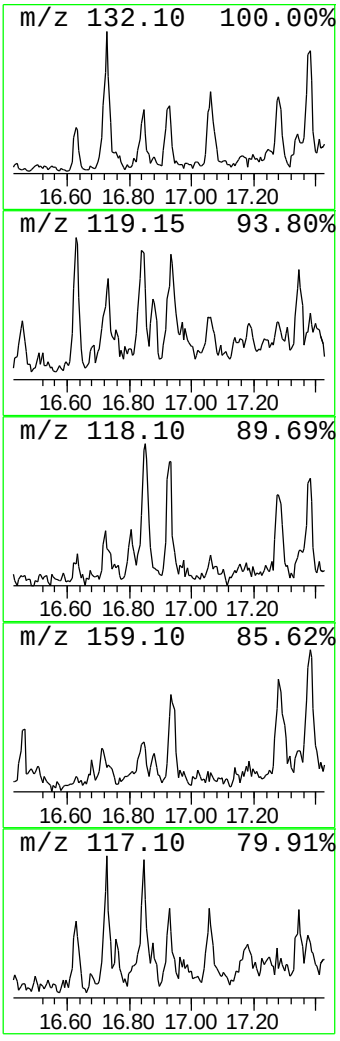
Peak Number 11 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	3.25 ng/ul	620278	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5-Trimethylphenylacetonitrile	159	C11H13N	075279-58-2	30
2	Benzamide, N-(2-fluorophenyl)-3-...	229	C14H12FNO	1000308-55-3	25
3	Benzamide, N-(4-fluorophenyl)-2-...	229	C14H12FNO	1000307-00-2	15
4	1-o-Tolylprop-2-en-1-one	146	C10H10O	039627-60-6	14
5	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	14





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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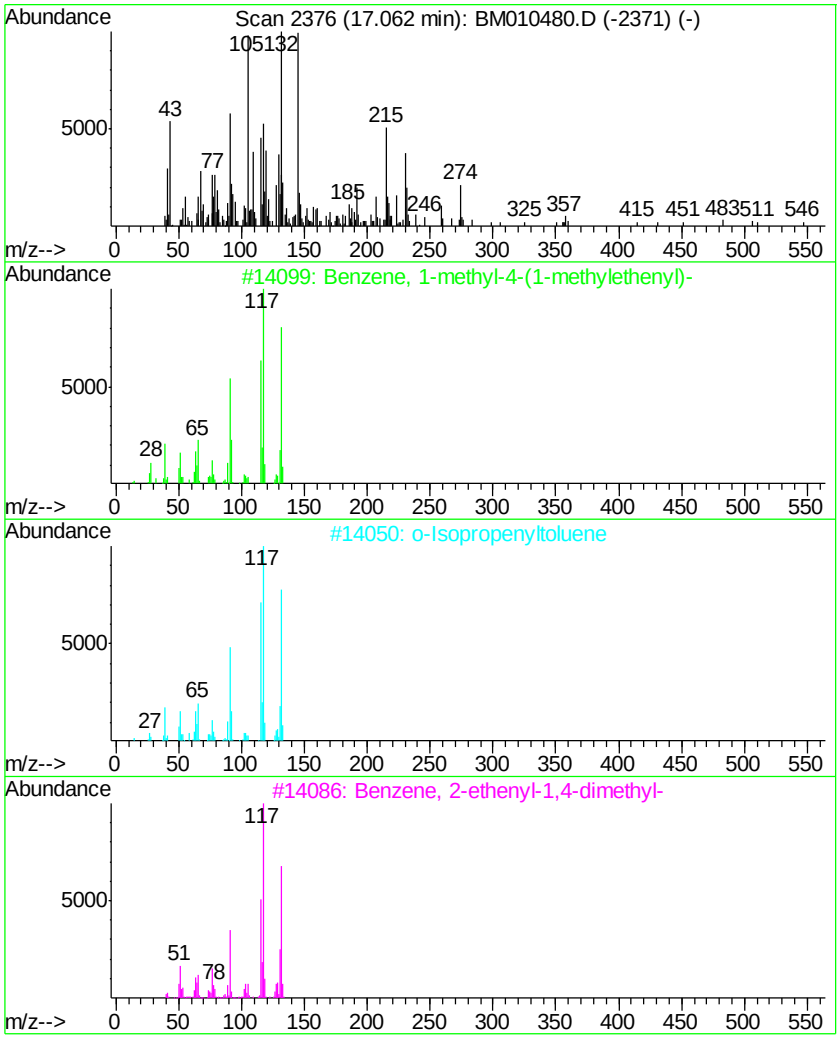
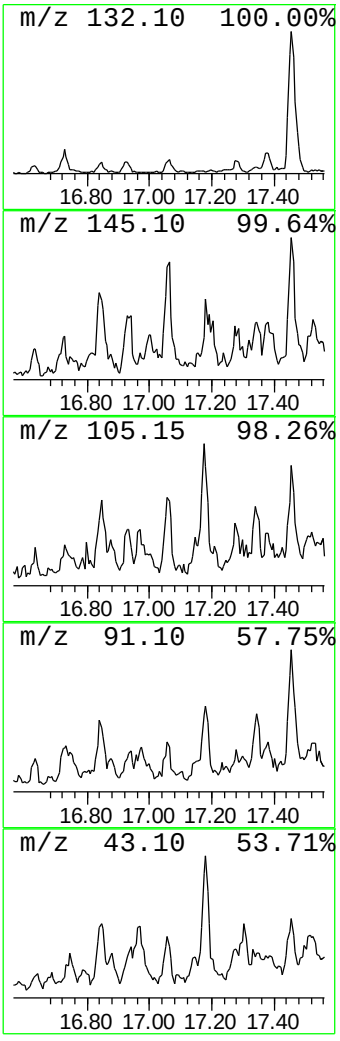
Peak Number 12 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	2.89 ng/ul	551773	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	35
2	o-Isopropenyltoluene	132	C10H12	007399-49-7	35
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	35
4	4-Quinolinol	145	C9H7NO	000611-36-9	35
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	35





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Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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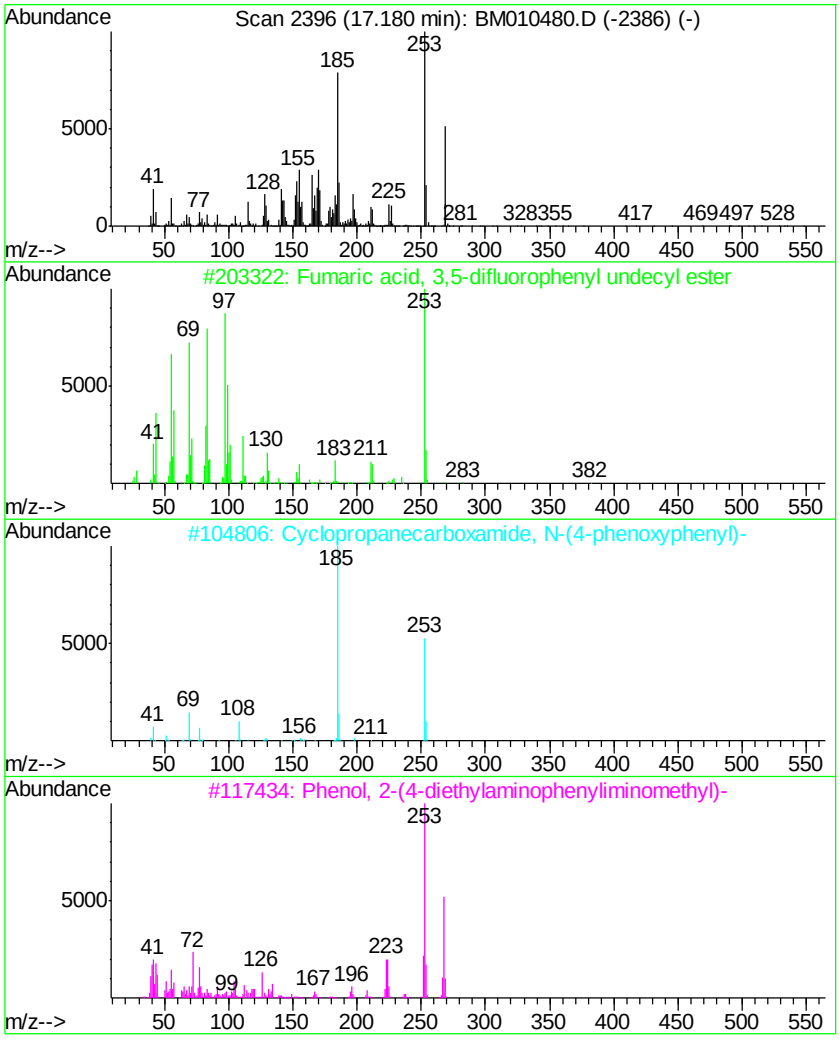
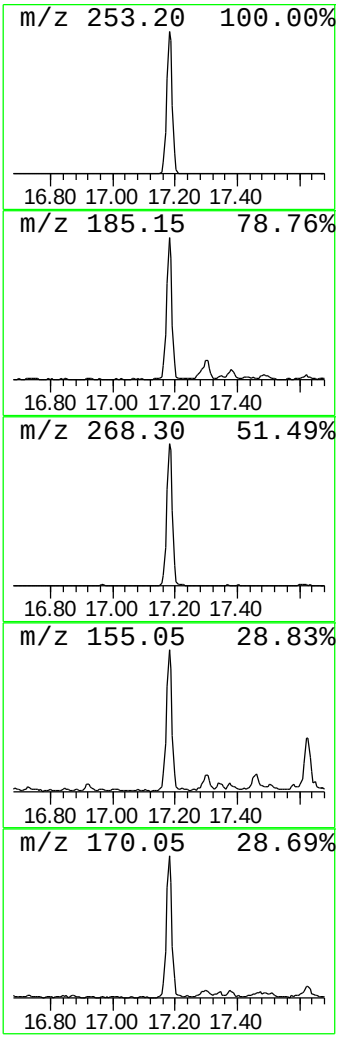
Peak Number 13 Fumaric acid, 3,5-difluorop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	31.42 ng/ul	5991890	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 3,5-difluorophenyl...	382	C21H28F2O4	1000339-37-7	60
2	Cyclopropanecarboxamide, N-(4-ph...	253	C16H15NO2	1000340-06-2	27
3	Phenol, 2-(4-diethylaminophenyli...	268	C17H20N2O	004938-45-8	27
4	2H-Benzopyran-6-carbonitrile, 3,...	286	C16H18N2O3	150871-62-8	22
5	1-Carbamoyl-2-methylazulene	185	C12H11NO	033447-27-7	22





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Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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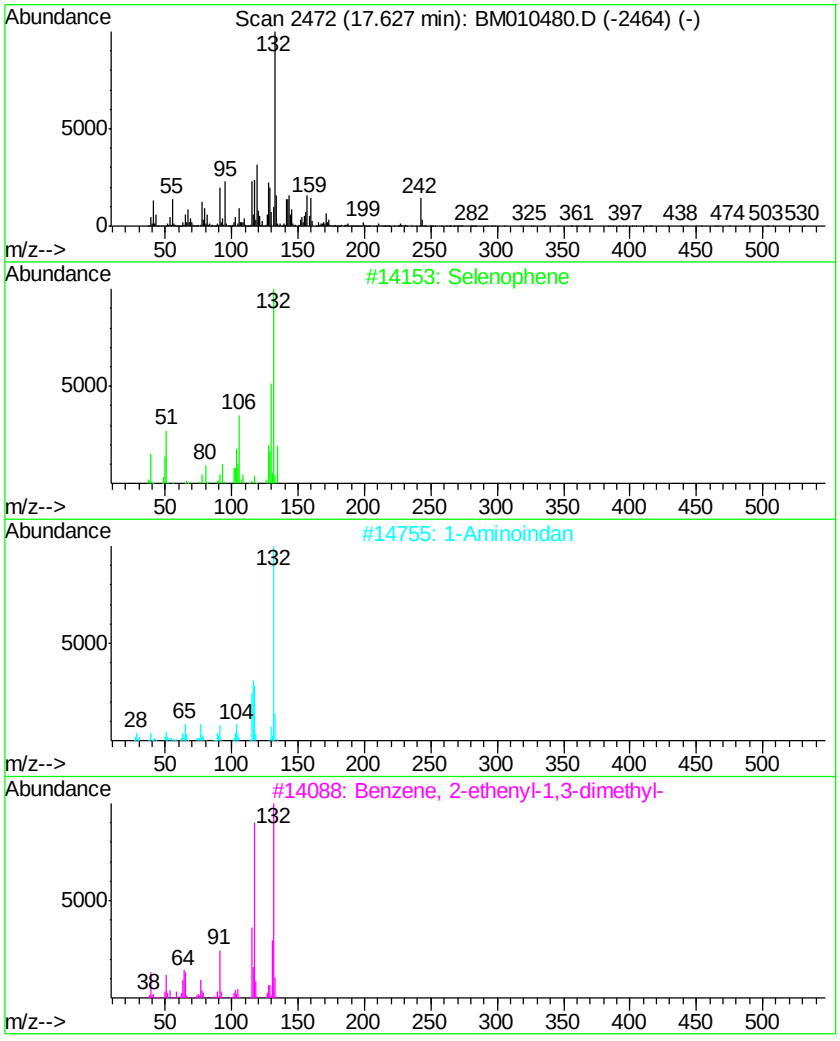
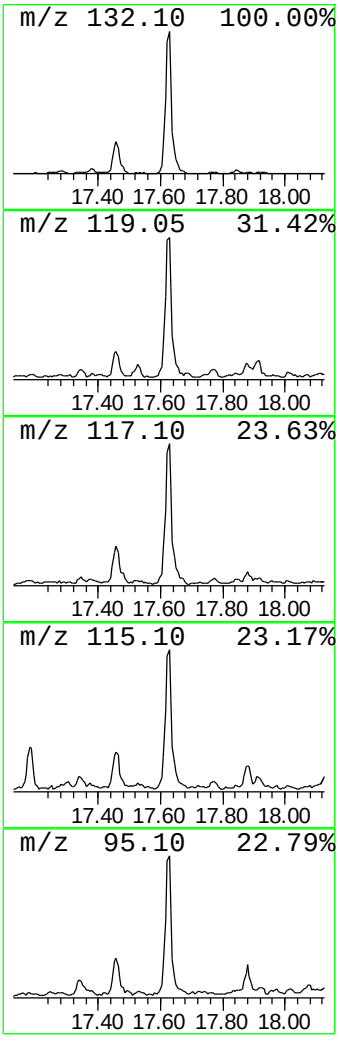
Peak Number 14 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	44.40 ng/ul	8467890	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Selenophene	132	C4H4Se	000288-05-1	43
2	1-Aminoindan	133	C9H11N	034698-41-4	38
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	38
4	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	38
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	35





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Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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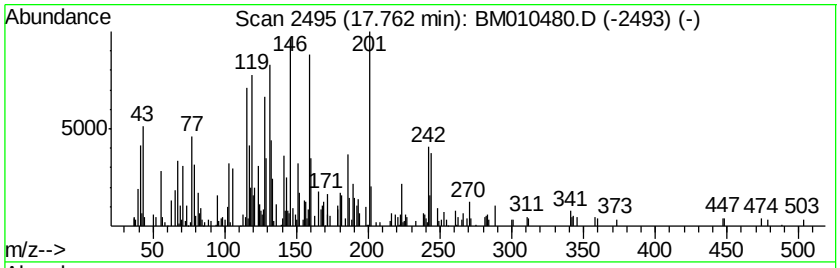
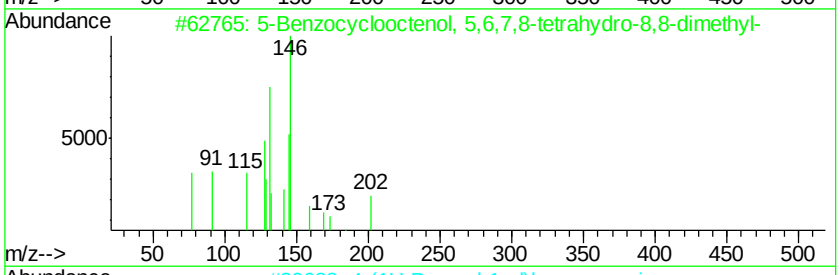
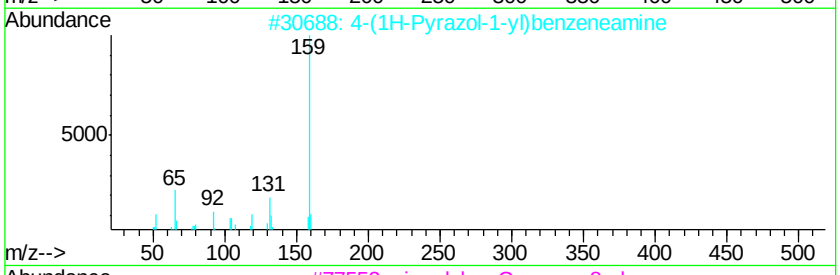
Peak Number 15 unknown-07 Concentration Rank 30

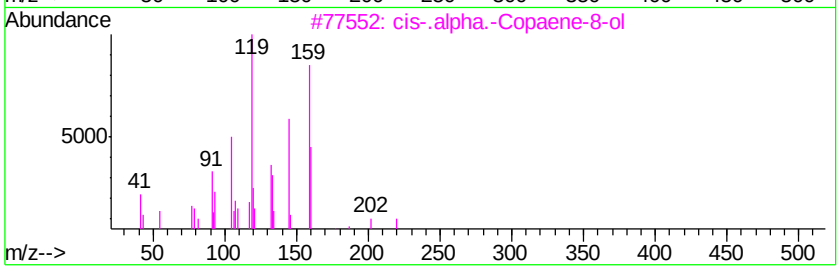
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.25 ng/ul	429080	Phenanthrene-d10	17.28

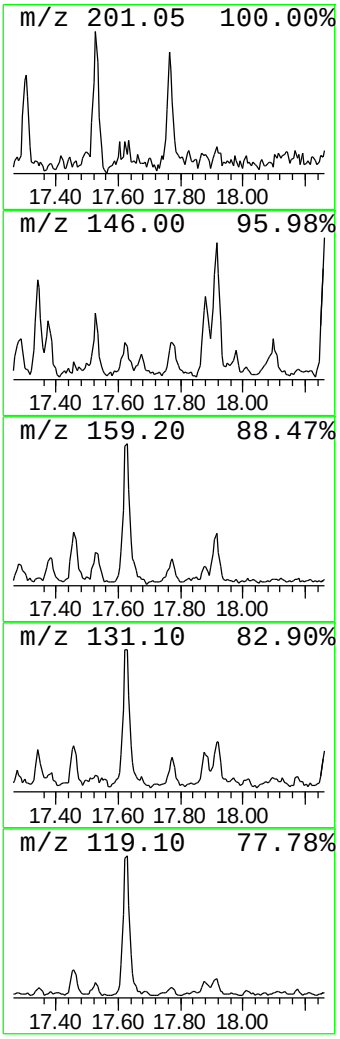
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Benzocyclooctenol, 5,6,7,8-tet...	202	C14H18O	069576-85-8	25
2	4-(1H-Pyrazol-1-yl)benzeneamine	159	C9H9N3	017635-45-9	22
3	cis-.alpha.-Copaene-8-ol	220	C15H24O	058569-25-8	22
4	Pteridine, 2-methyl-	146	C7H6N4	002432-20-4	18
5	Isolongifolene, 9,10-dehydro-	202	C15H22	1000151-67-1	18











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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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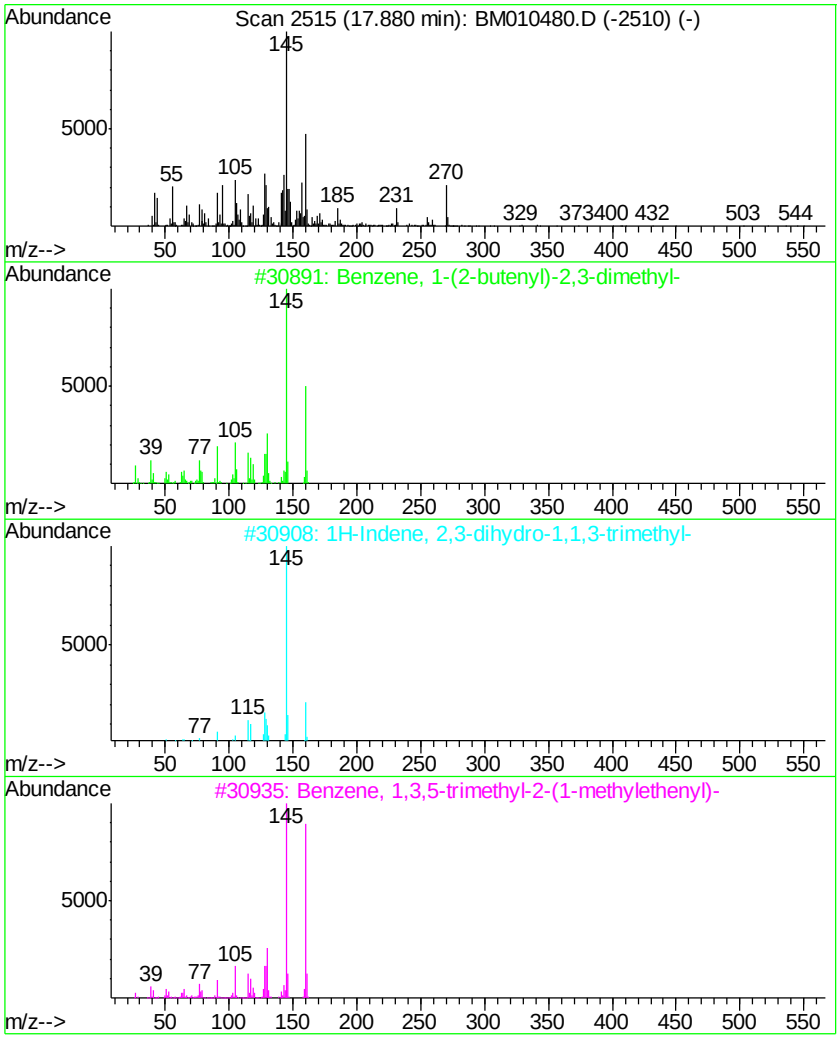
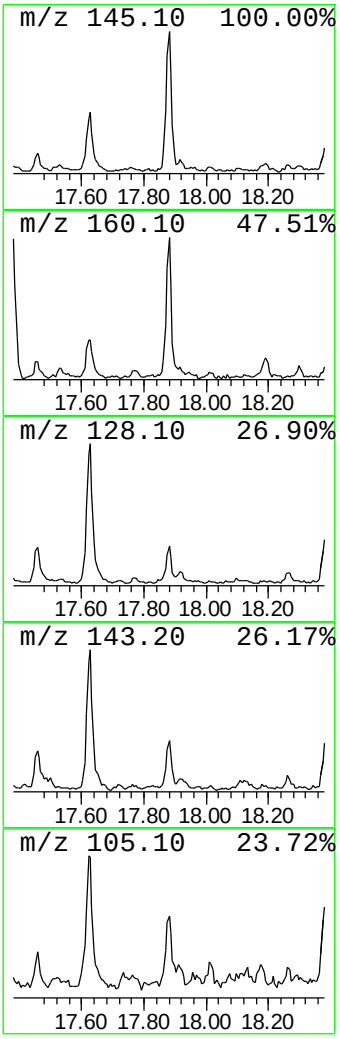
Peak Number 16 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	9.75 ng/ul	1859320	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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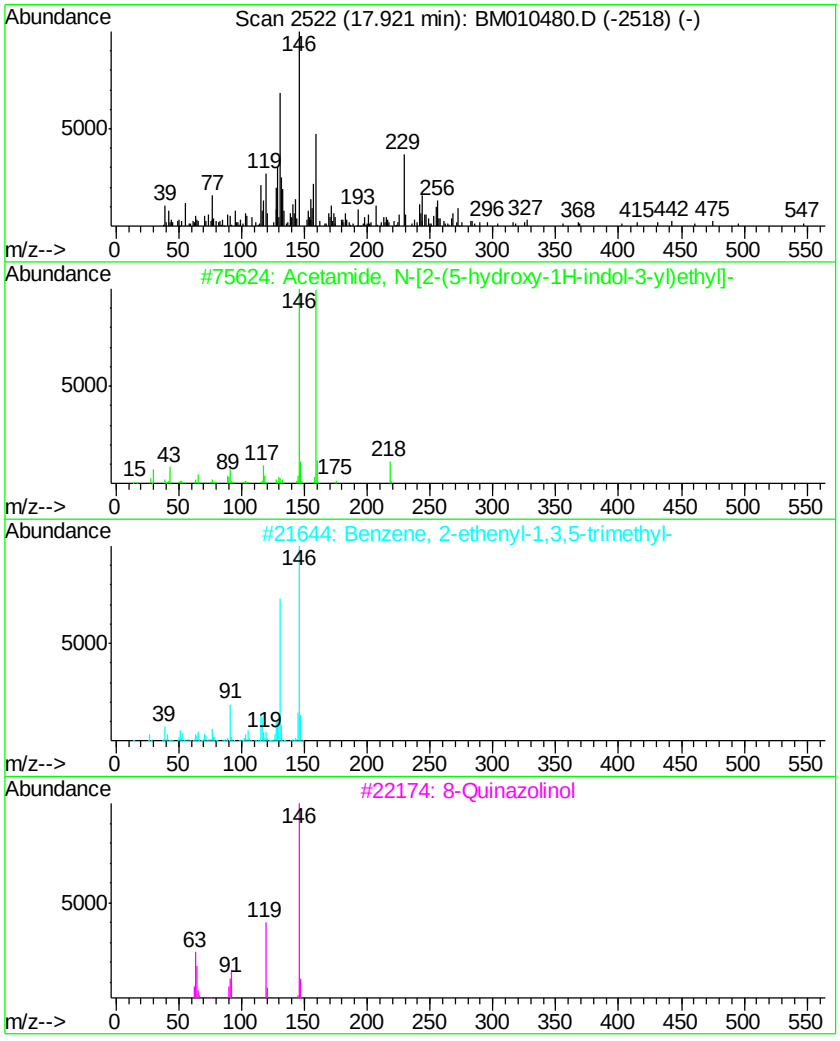
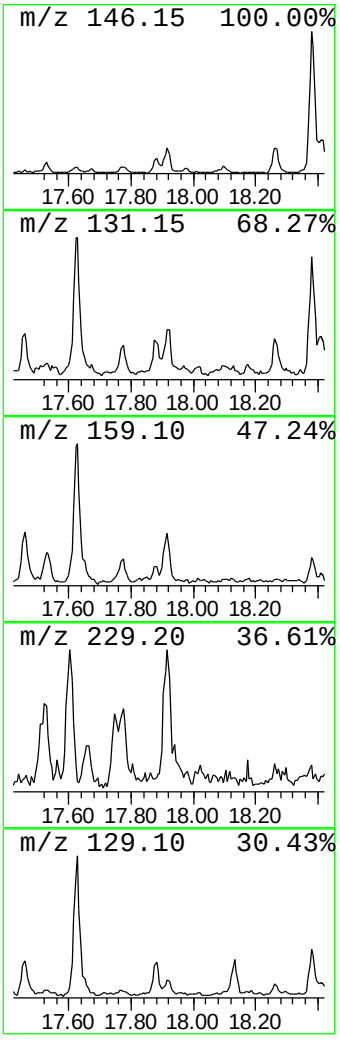
Peak Number 17 unknown-08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.22 ng/ul	613743	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-[2-(5-hydroxy-1H-in...	218	C12H14N2O2	001210-83-9	32
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	27
3	8-Quinazolinol	146	C8H6N2O	007557-02-0	22
4	Quinoline, 4-methyl-, 1-oxide	159	C10H9NO	004053-40-1	22
5	6-[4-[Dimethylamino]phenyl]-N,N-...	244	C12H16N6	072127-26-5	18





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Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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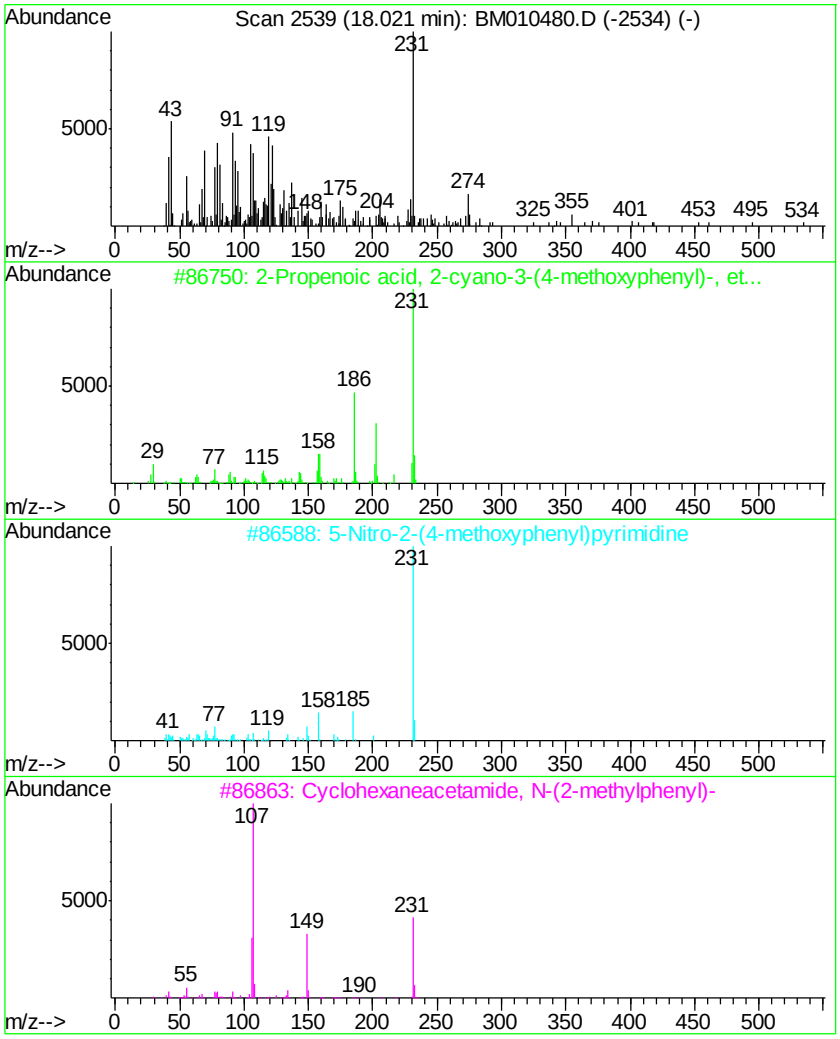
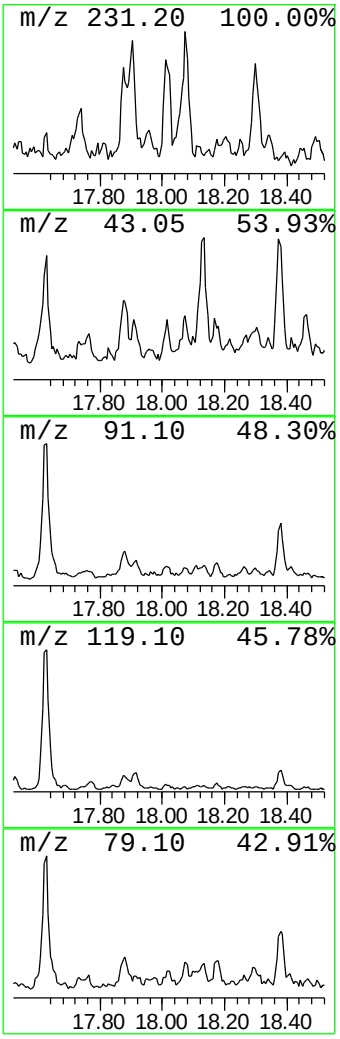
Peak Number 18 unknown-09 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.21 ng/ul	420709	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-cyano-3-(4-m...	231	C13H13NO3	002286-29-5	38
2	5-Nitro-2-(4-methoxyphenyl)pyrim...	231	C11H9N3O3	344303-88-4	27
3	Cyclohexaneacetamide, N-(2-methy...	231	C15H21NO	1000317-30-8	27
4	Benzene, hexaethyl-	246	C18H30	000604-88-6	25
5	2-Propenoic acid, 2-cyano-3-(3-m...	231	C13H13NO3	019098-69-2	25





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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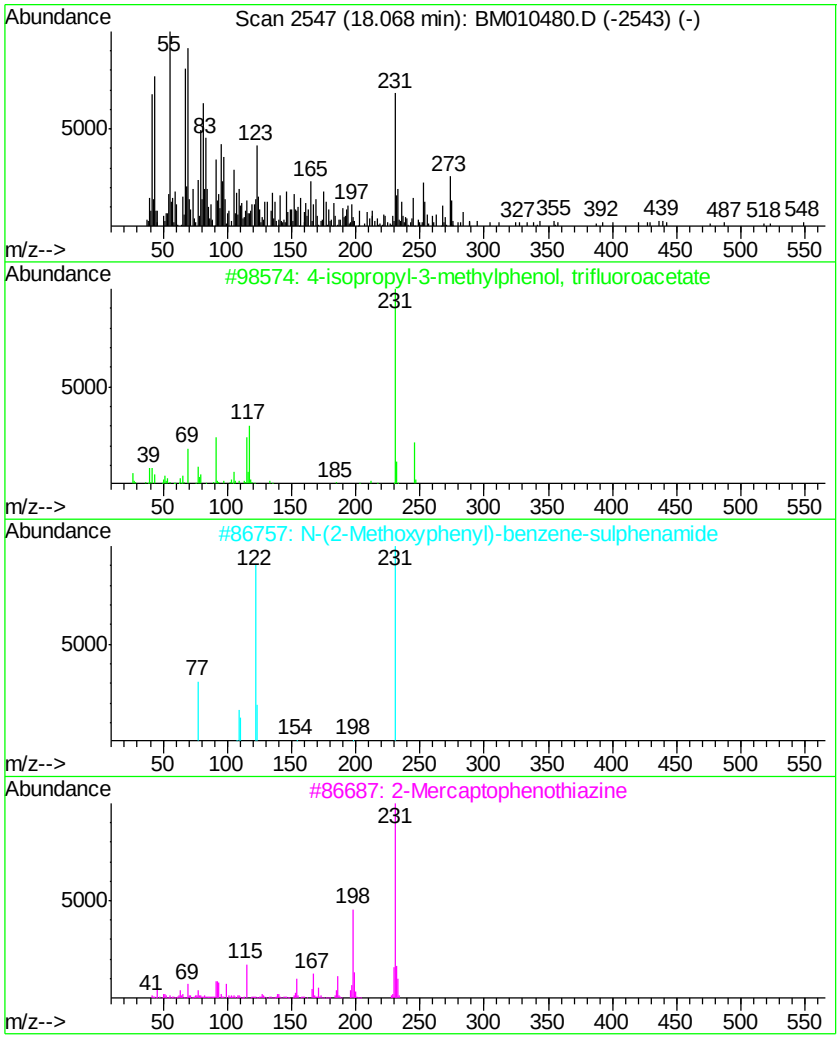
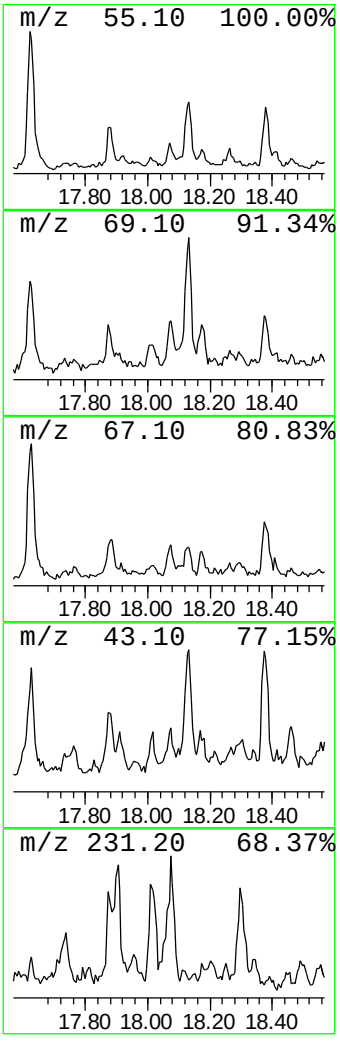
Peak Number 19 unknown-10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.50 ng/ul	668346	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-3-methylphenol, trif...	246	C12H13F3O2	1000376-51-7	38
2	N-(2-Methoxyphenyl)-benzene-sulp...	231	C13H13NOS	111685-76-8	30
3	2-Mercaptophenothiazine	231	C12H9NS2	099970-41-9	22
4	Propene, 1-cyclohexyl-1-(dicyclo...	314	C22H39B	1000151-08-5	22
5	Butylphosphonic acid, 2-bromo-4-...	352	C13H19BrFO3P	1000315-11-9	22





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Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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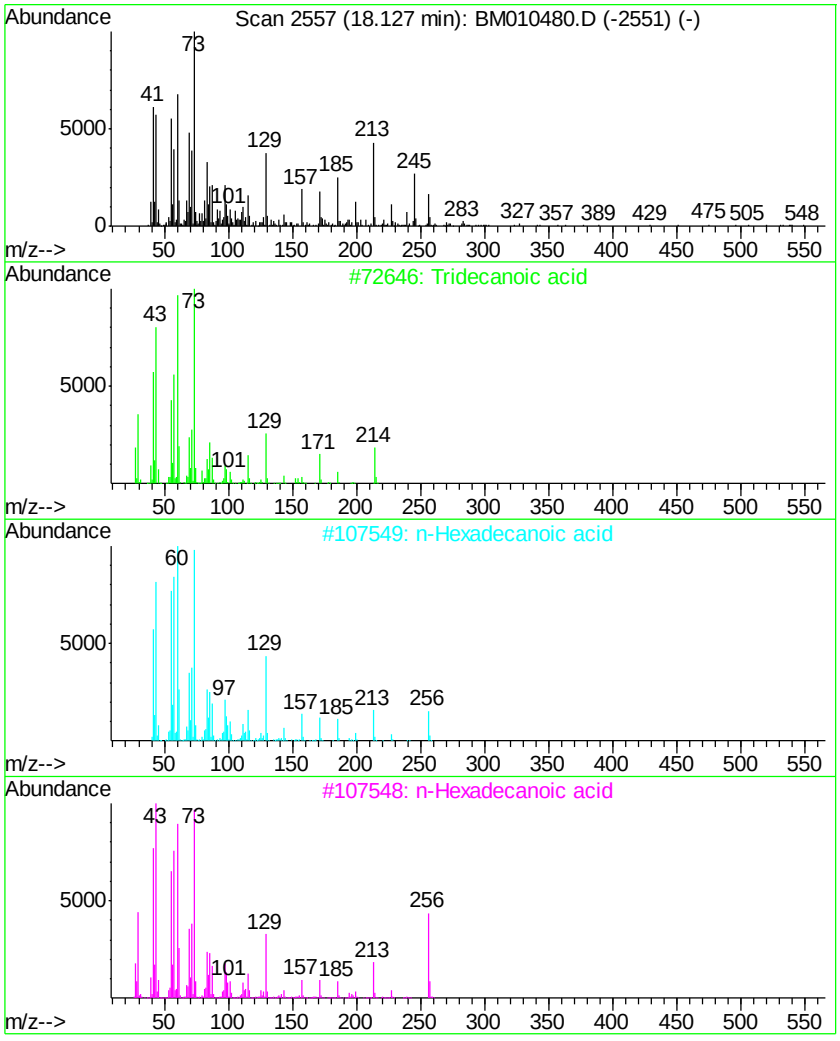
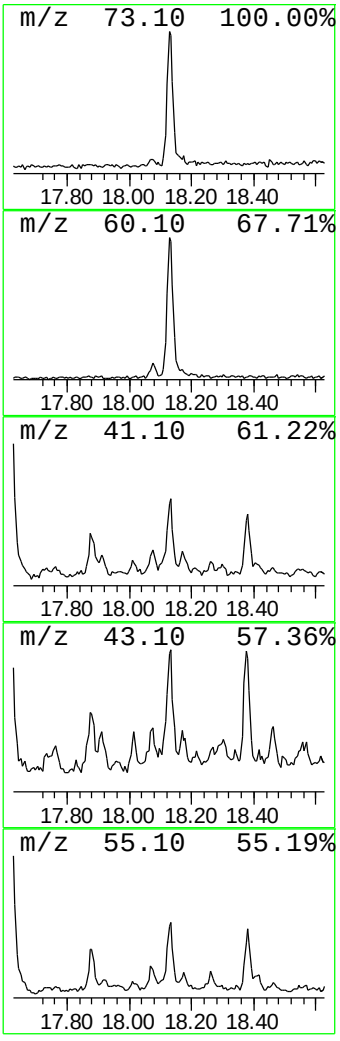
Peak Number 20 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	10.38 ng/ul	1980380	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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Acq On : 10 Jun 2017 11:58
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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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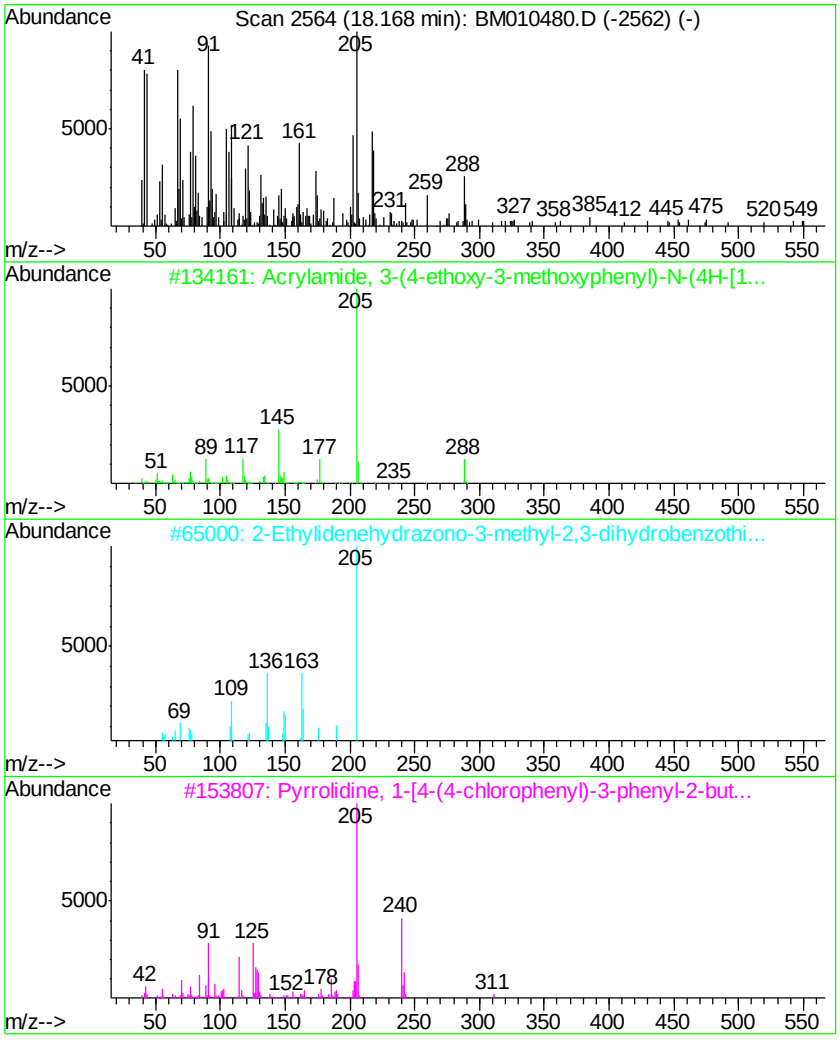
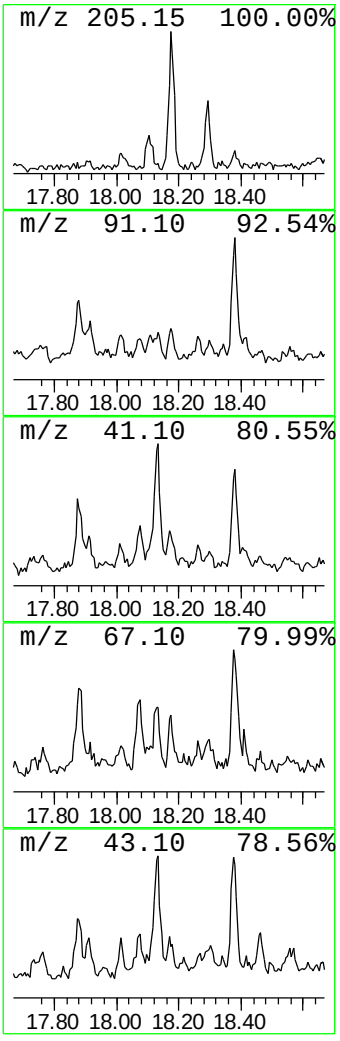
Peak Number 21 unknown-11 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.65 ng/ul	505176	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acrylamide, 3-(4-ethoxy-3-methox...	288	C14H16N4O3	1000302-83-9	35
2	2-Ethylidenehydrazono-3-methyl-2...	205	C10H11N3S	1000147-60-5	27
3	Pyrrolidine, 1-[4-(4-chloropheny...	311	C20H22ClN	000091-82-7	25
4	Benzene, 1-phenyl-4-(2-cyanoethe...	205	C15H11N	1000274-65-7	25
5	4H-Benzo[def]carbazole, 4-methyl-	205	C15H11N	084819-26-1	25





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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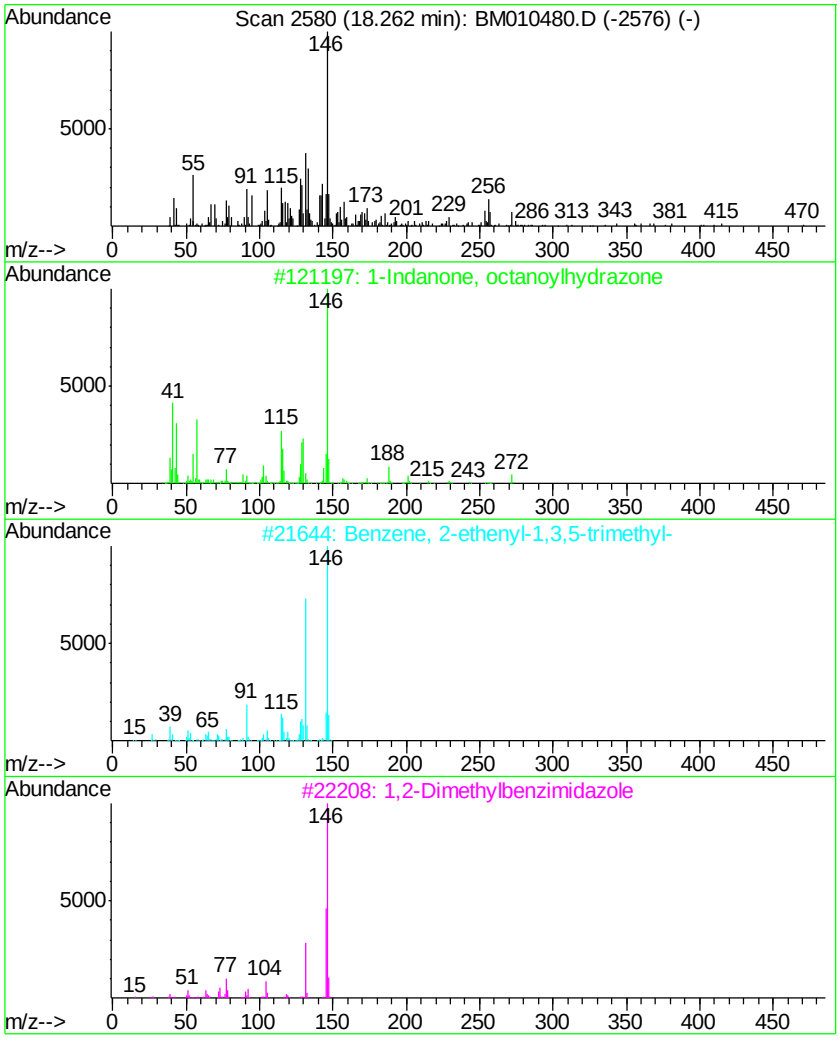
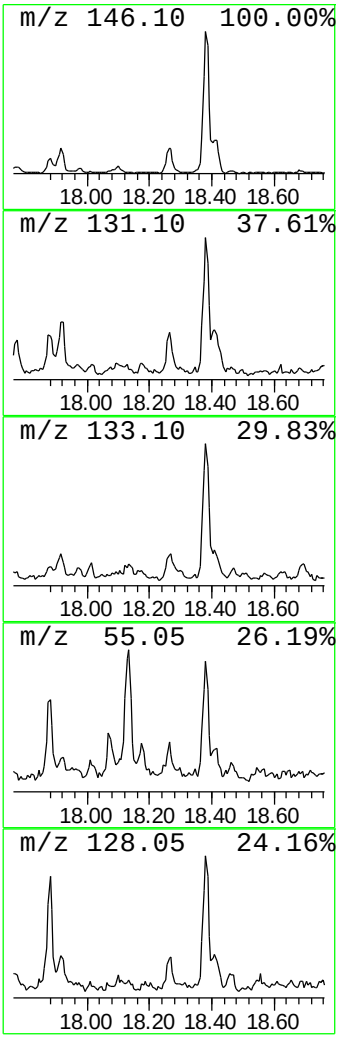
Peak Number 22 1-Indanone, octanoylhydrazone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.85 ng/ul	543744	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, octanoylhydrazone	272	C17H24N2O	328045-27-8	53
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38
3	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	38
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	38





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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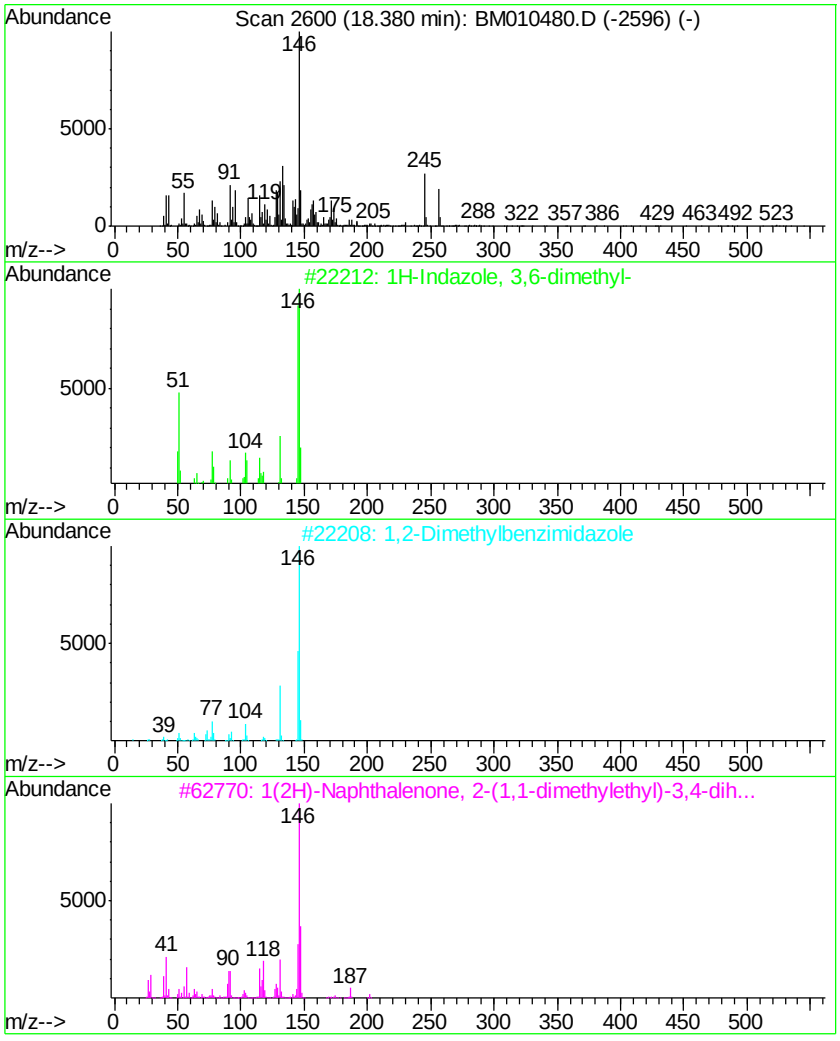
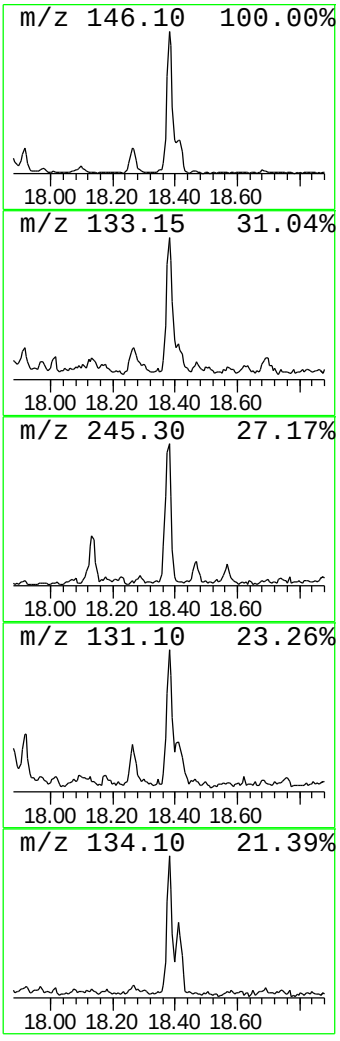
Peak Number 23 unknown-12 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	16.24 ng/ul	3097360	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	43
2	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	43
3	1(2H)-Naphthalenone, 2-(1,1-dime...	202	C14H18O	042981-75-9	43
4	Thiazol-4(5H)-one, 5-(3-chlorobe...	399	C21H22ClN3OS	1000271-71-8	37
5	3-(Nitromethyl)phthalide	193	C9H7NO4	003598-68-3	32





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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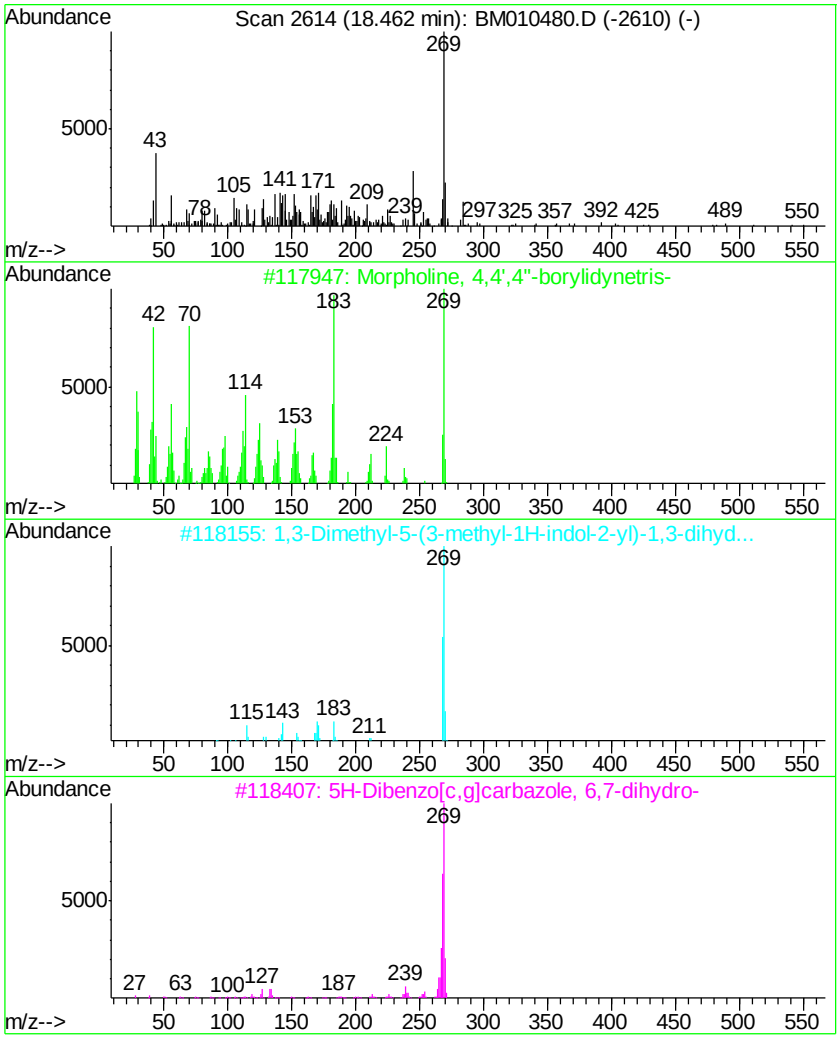
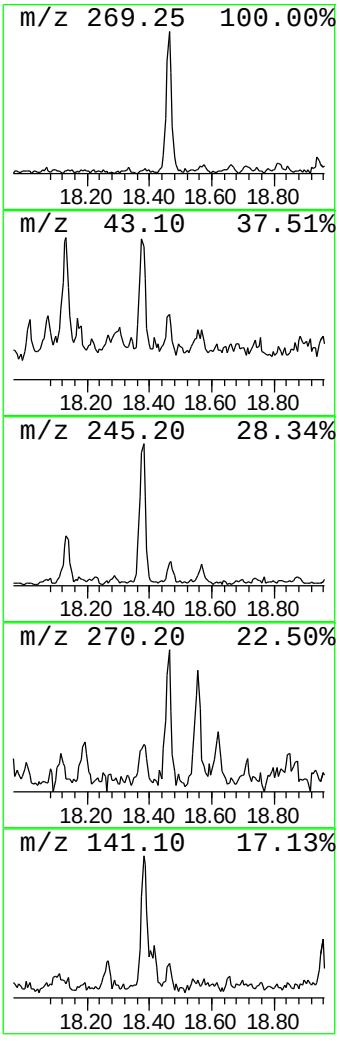
Peak Number 24 Morpholine, 4,4',4''-boryli... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.63 ng/ul	502395	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4,4',4''-borylidynet...	269	C12H24BN3O3	038761-87-4	89
2	1,3-Dimethyl-5-(3-methyl-1H-indo...	269	C15H15N3O2	066723-75-9	60
3	5H-Dibenzo[c,g]carbazole, 6,7-di...	269	C20H15N	063397-99-9	58
4	Diphenyl isoindole	269	C20H15N	004276-23-7	53
5	5,7-Dinitrobenzo(H)quinoline	269	C13H7N3O4	1000240-72-7	53





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Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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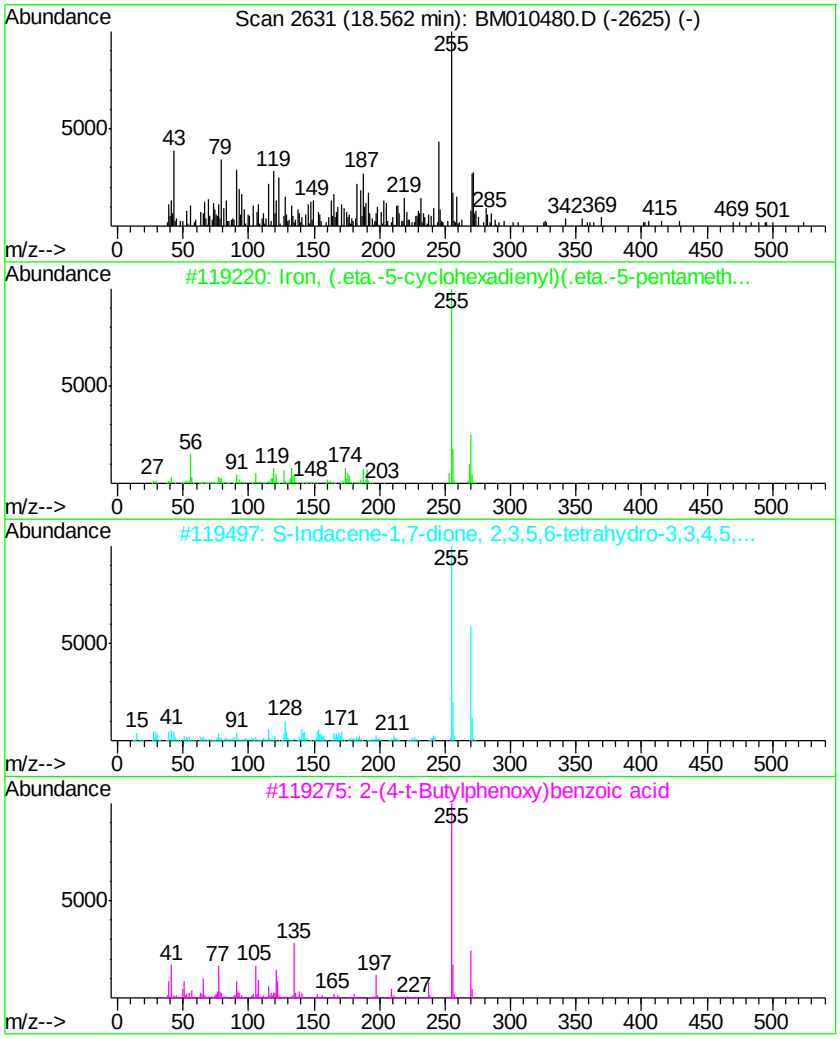
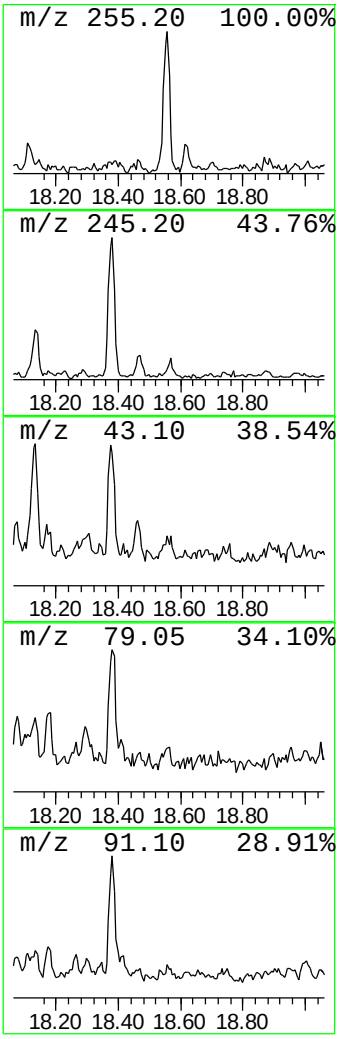
Peak Number 25 Iron, (.eta.-5-cyclohexadie... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.45 ng/ul	466458	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	60
2	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	53
3	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	49
4	1-Dibenzofurancarboxylic acid, 3...	270	C16H14O4	040801-45-4	47
5	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	47





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

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Quant Title : SVOA CALIBRATION

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

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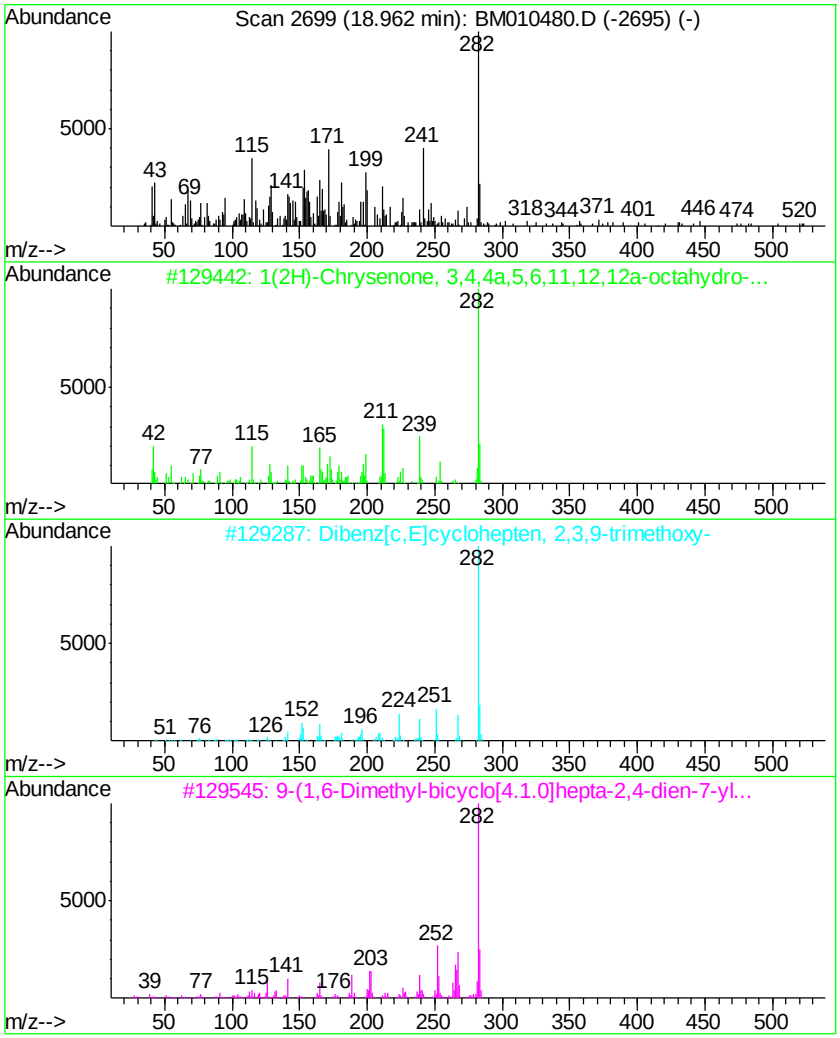
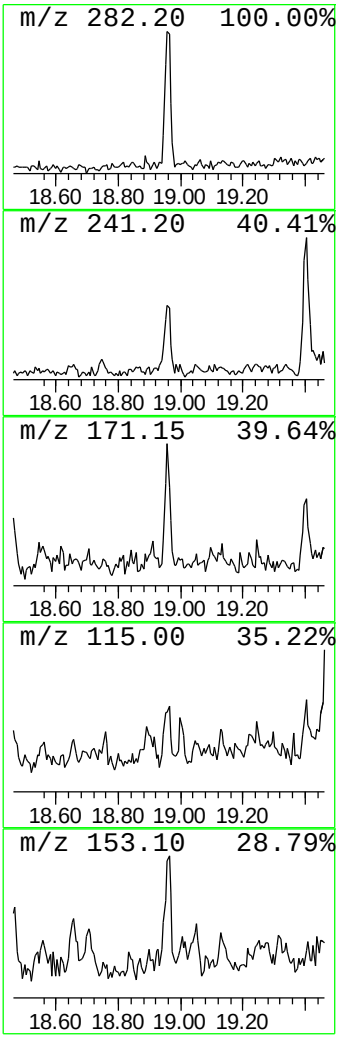
Peak Number 26 1(2H)-Chrysenone, 3,4,4a,5,... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.50 ng/ul	476204	Phenanthrene-d10	17.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Chrysenone, 3,4,4a,5,6,11,...	282	C19H22O2	058072-55-2	50
2	Dibenz[c,E]cyclohepten, 2,3,9-tr...	282	C18H18O3	145068-63-9	38
3	9-(1,6-Dimethyl-bicyclo[4.1.0]he...	282	C22H18	005386-22-1	38
4	7-Amino-2-trifluoromethylphenoth...	282	C13H9F3N2S	010232-71-0	30
5	Silane, dimethyl(4-methoxyphenox...	282	C15H26O3Si	1000347-14-4	27





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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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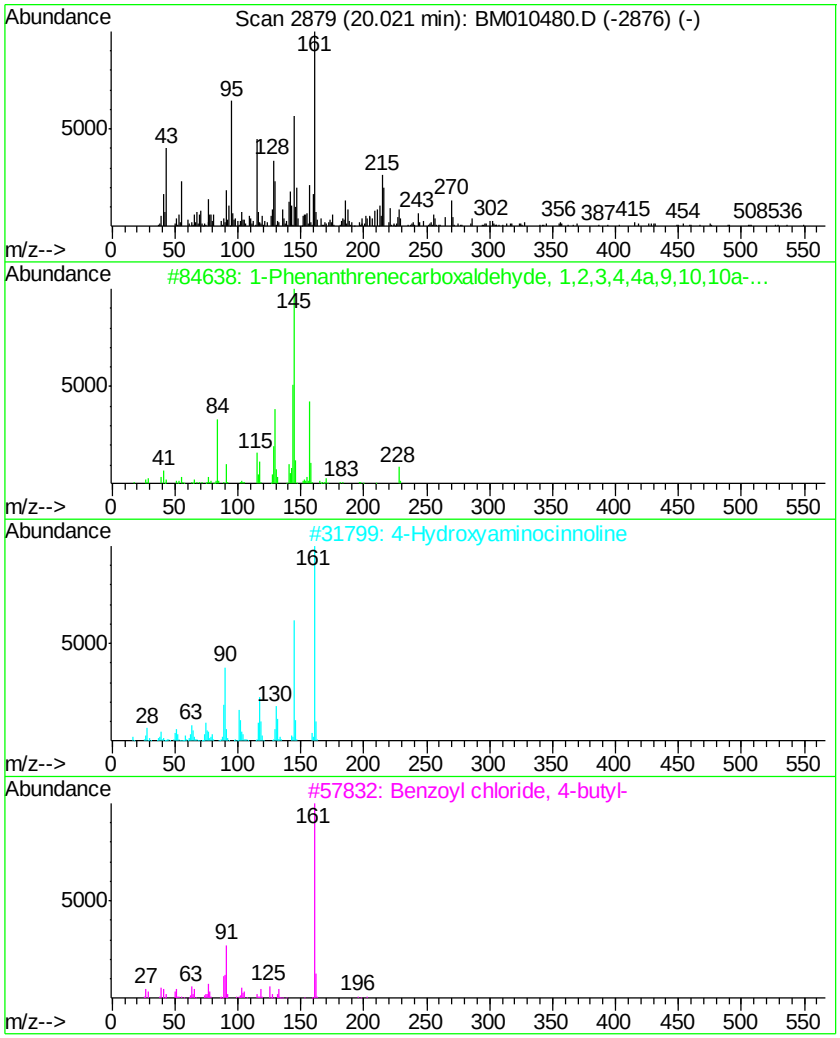
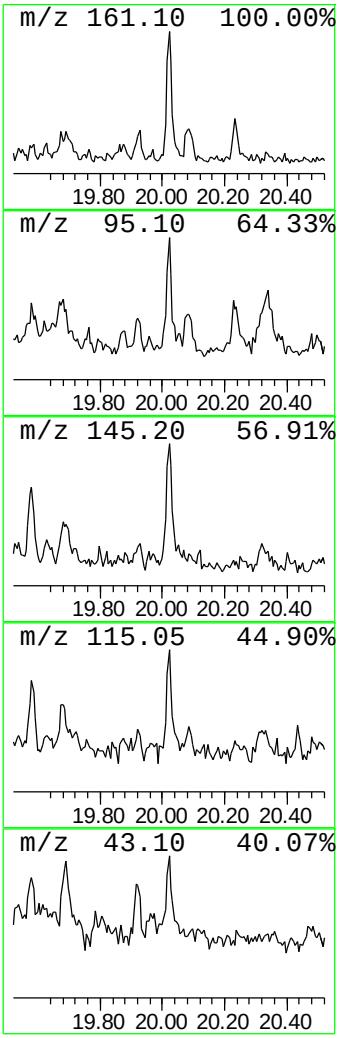
Peak Number 28 unknown-13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.43 ng/ul	832777	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxaldehyde, 1,...	228	C16H20O	057289-39-1	20
2	4-Hydroxyaminocinnoline	161	C8H7N3O	018592-12-6	16
3	Benzoyl chloride, 4-butyl-	196	C11H13ClO	028788-62-7	11
4	Benzoyl chloride, 4-(1,1-dimethy...	196	C11H13ClO	001710-98-1	10
5	2,2'-Isopropylidenedifuran	176	C11H12O2	017920-88-6	10





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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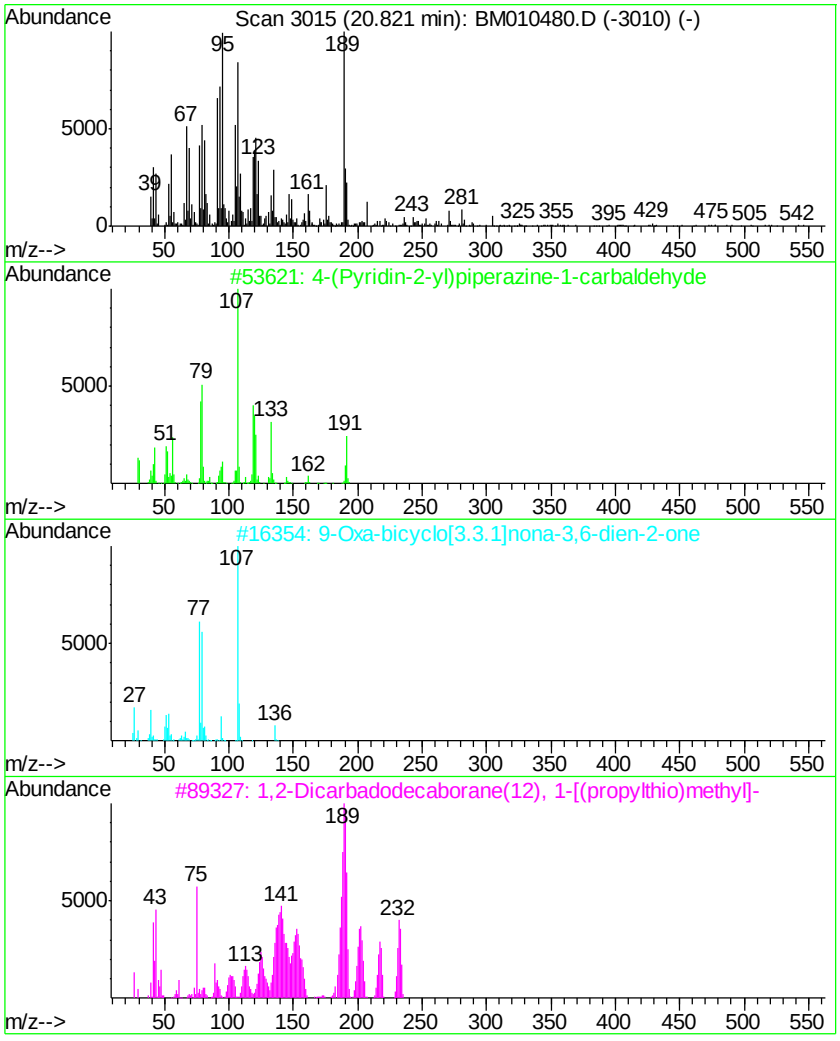
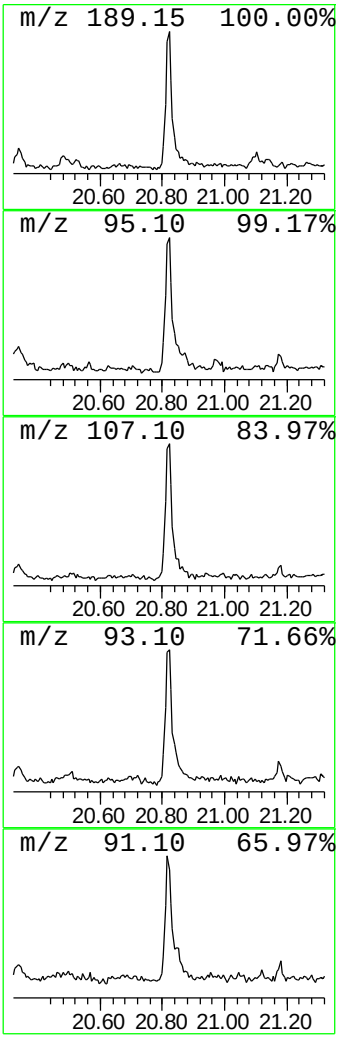
Peak Number 29 unknown-14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	11.50 ng/ul	2791480	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Pyridin-2-yl)piperazine-1-car...	191	C10H13N3O	1000368-49-0	46
2	9-Oxa-bicyclo[3.3.1]nona-3,6-die...	136	C8H8O2	075568-53-5	25
3	1,2-Dicarbadodecaborane(12), 1-[...	234	C6H20B10S	062906-36-9	20
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	11
5	3-Hydroxy-2-methyl-3-phenyl-prop...	180	C10H12O3	1000372-54-5	11





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

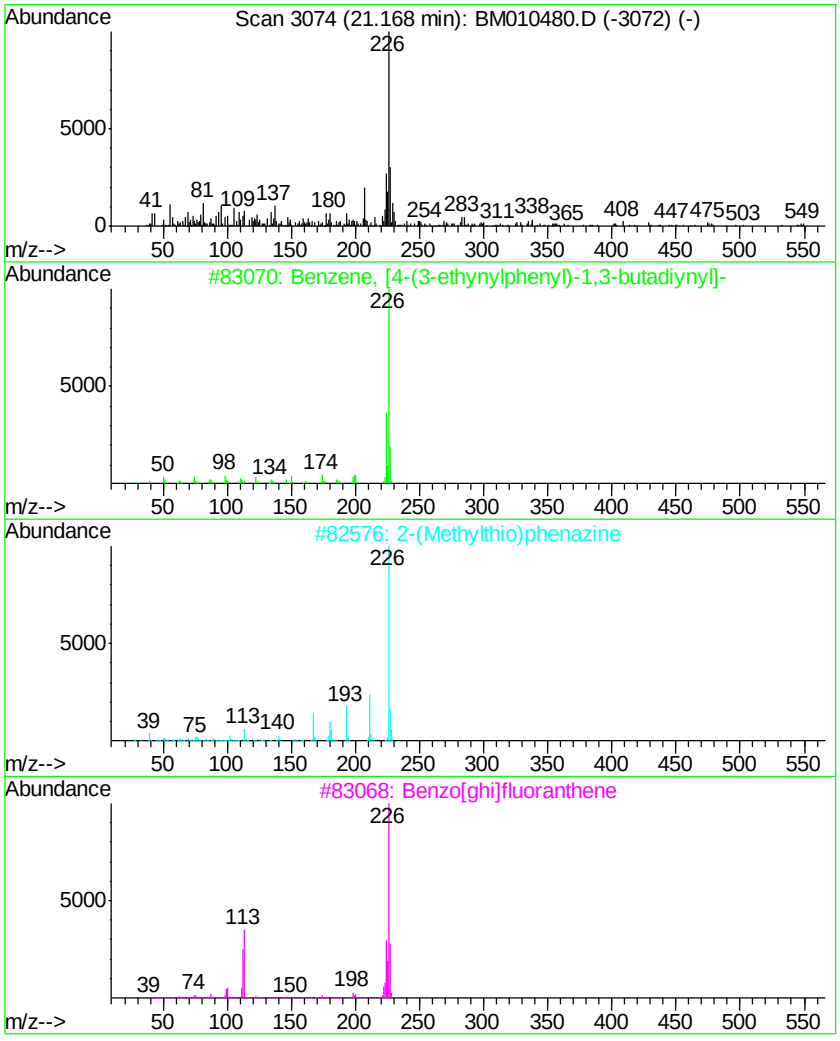
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

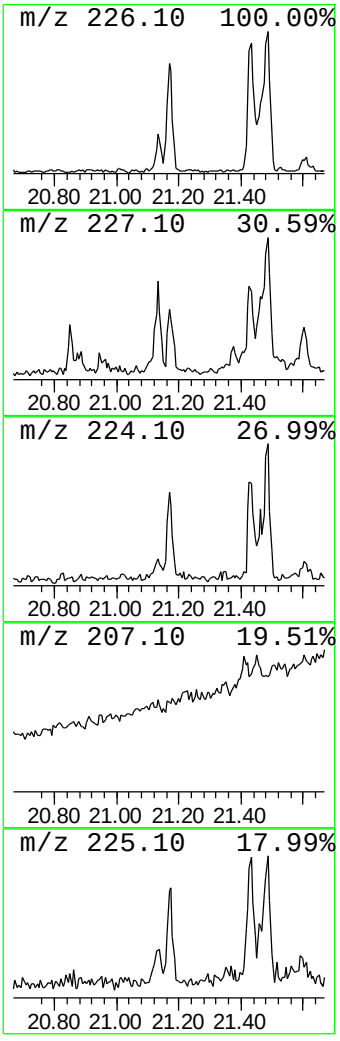
****

Peak Number 30 unknown-15 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.71 ng/ul	658738	Chrysene-d12	21.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
2	2-(Methylthio)phenazine	226	C13H10N2S	005752-54-5	43
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	38
5	Phenol, 2-[5-(2-furanyl)-3-1H-py...	226	C13H10N2O2	038371-84-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.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
.gamma.-Terpinene	6.53	6.2	ng/ul	339298	1	7.90	1094070	20.0
Bicyclo[3.1.1]hep...	7.30	2.0	ng/ul	109690	1	7.90	1094070	20.0
D-Limonene	8.07	6.0	ng/ul	326452	1	7.90	1094070	20.0
Eucalyptol	8.17	4.1	ng/ul	224329	1	7.90	1094070	20.0
n-Decanoic acid	12.79	2.3	ng/ul	246392	3	14.53	2190730	20.0
Alloaromadendrene	14.35	2.5	ng/ul	275447	3	14.53	2190730	20.0
Isoledene	14.45	3.1	ng/ul	335503	3	14.53	2190730	20.0
unknown-01	16.63	2.4	ng/ul	462281	4	17.28	3814050	20.0
unknown-02	16.73	2.8	ng/ul	540688	4	17.28	3814050	20.0
unknown-03	16.84	3.7	ng/ul	712853	4	17.28	3814050	20.0
unknown-04	16.93	3.3	ng/ul	620278	4	17.28	3814050	20.0
unknown-05	17.06	2.9	ng/ul	551773	4	17.28	3814050	20.0
Fumaric acid, 3,5...	17.18	31.4	ng/ul	5991890	4	17.28	3814050	20.0
unknown-06	17.63	44.4	ng/ul	8467890	4	17.28	3814050	20.0
unknown-07	17.76	2.3	ng/ul	429080	4	17.28	3814050	20.0
Benzene, 1-(2-but...	17.88	9.8	ng/ul	1859320	4	17.28	3814050	20.0
unknown-08	17.92	3.2	ng/ul	613743	4	17.28	3814050	20.0
unknown-09	18.02	2.2	ng/ul	420709	4	17.28	3814050	20.0
unknown-10	18.07	3.5	ng/ul	668346	4	17.28	3814050	20.0
Tridecanoic acid	18.13	10.4	ng/ul	1980380	4	17.28	3814050	20.0
unknown-11	18.17	2.6	ng/ul	505176	4	17.28	3814050	20.0
1-Indanone, octan...	18.26	2.9	ng/ul	543744	4	17.28	3814050	20.0
unknown-12	18.38	16.2	ng/ul	3097360	4	17.28	3814050	20.0
Morpholine, 4,4',...	18.46	2.6	ng/ul	502395	4	17.28	3814050	20.0
Iron, (.eta.-5-cy...	18.56	2.5	ng/ul	466458	4	17.28	3814050	20.0
1(2H)-Chrysenone,...	18.96	2.5	ng/ul	476204	4	17.28	3814050	20.0
unknown-13	20.02	3.4	ng/ul	832777	5	21.44	4854810	20.0
unknown-14	20.82	11.5	ng/ul	2791480	5	21.44	4854810	20.0
unknown-15	21.17	2.7	ng/ul	658738	5	21.44	4854810	20.0