LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

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-BM102417.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	12.022	1513	1519	1525	rVB	7293906	11159453	2.98%	0.234%
2	12.704	1632	1635	1646	rVB	6193562	10443683	2.79%	0.219%
3	13.027	1686	1690	1695	rBV2	8345810	12118691	3.23%	0.254%
4	13.286	1724	1734	1742	rVV2	13682578	36971052	9.87%	0.774%
5	13.363	1742	1747	1750	rVV	8932323	14155453	3.78%	0.296%
6	13.398	1750	1753	1757	rVB	9390548	11759002	3.14%	0.246%
7	13.927	1838	1843	1849	rBV3	4253288	9127488	2.44%	0.191%
8	14.045	1860	1863	1869	rVB	14827640	19418992	5.18%	0.406%
9	14.192	1881	1888	1893	rBV4	22077939	48376544	12.91%	1.012%
10	14.410	1920	1925	1935	rVB5	10896902	32054041	8.56%	0.671%
11	14.498	1935	1940	1948	rBV5	19342552	46412845	12.39%	0.971%
12	14.604	1949	1958	1962	rVB2	12438140	33271777	8.88%	0.696%
13	14.657	1963	1967	1970	rBV2	5643127	9209993	2.46%	0.193%
14	14.733	1976	1980	1984	rVB2	20308986	29982451	8.00%	0.627%
15	14.810	1990	1993	1995	rBV	10044062	11507532	3.07%	0.241%
16	14.845	1995	1999	2005	rVB2	26794750	45377295	12.11%	0.950%
17	15.051	2030	2034	2038	rBV2	16162239	20336581	5.43%	0.426%
18	15.221	2058	2063	2072	rVB	29328066	48094629	12.84%	1.006%
19	15.463	2099	2104	2108	rVB3	12437190	18312373	4.89%	0.383%
20	15.510	2108	2112	2117	rBV2	11553076	17956922	4.79%	0.376%
21	15.563	2117	2121	2125	rVV3	7574287	10210233	2.73%	0.214%
22	15.604	2125	2128	2133	rVB3	10459479	13851289	3.70%	0.290%
23	15.657	2133	2137	2139	rBV	9113597	12160919	3.25%	0.254%
24	15.692	2139	2143	2147	rVB	24123339	30285670	8.08%	0.634%
25	15.786	2155	2159	2164	rVB4	8264409	12148022	3.24%	0.254%
26	15.974	2188	2191	2193	rBV2	8451173	10403306	2.78%	0.218%
27	16.139	2215	2219	2223	rBV2	25947458	33363984	8.90%	0.698%
28	16.245	2232	2237	2239	rBV	14459592	23215215	6.20%	0.486%
29	16.310	2244	2248	2251	rBV	7099675	9225846	2.46%	0.193%
30	16.398	2260	2263	2270	rVB4	8363070	14210096	3.79%	0.297%
31	16.468	2270	2275	2280	rBV2	57307072	78510314	20.95%	1.643%
32	16.574	2283	2293	2297	rBV5	30713730	66942438	17.87%	1.401%
33	16.762	2323	2325	2329	rVB	9312572	9820290	2.62%	0.205%
34	16.886	2343	2346	2349	rVB	7812556	9401078	2.51%	0.197%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

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-BM102417.M
Title : SVOA CALIBRATION

35	16.986	2357	2363	2375	rVV5	51311293	121768237	32.50%	2.548%
36	17.086	2377	2380	2385	rVB2	9382288	13816476	3.69%	0.289%
37	17.180	2391	2396	2399	rBV4	6830594	15081446	4.03%	0.316%
38	17.268	2406	2411	2415	rBV	26743776	43195511	11.53%	0.904%
39	17.362	2423	2427	2432	rVB2	38857718	53725707	14.34%	1.124%
40	17.492	2444	2449	2453	rBV3	11900306	24323516	6.49%	0.509%
41	17.533	2453	2456	2460	rVB3	12210860	16690695	4.45%	0.349%
42	17.662	2473	2478	2483	rBV3	60134168	107320894	28.64%	2.246%
43	17.727	2484	2489	2493	rVB3	26126100	46179507	12.33%	0.966%
44	17.786	2495	2499	2505	rVB2	22064364	33748291	9.01%	0.706%
45	17.851	2505	2510	2516	rBV4	23755732	48417127	12.92%	1.013%
46	17.921	2518	2522	2526	rBV4	19322824	34189742	9.13%	0.715%
47	18.015	2533	2538	2541	rBV4	28085306	54863215	14.64%	1.148%
48	18.080	2546	2549	2553	rVB2	27366440	35199377	9.39%	0.737%
49	18.139	2554	2559	2565	rBV2	48677444	81538976	21.76%	1.706%
50	18.204	2565	2570	2573	rBV3	35936464	62719607	16.74%	1.312%
51	18.239	2573	2576	2578	rBV3	15504572	20760827	5.54%	0.434%
52	18.309	2584	2588	2592	rVB5	23252908	31484724	8.40%	0.659%
53	18.368	2593	2598	2602	rBV3	45654592	83382768	22.25%	1.745%
54	18.498	2611	2620	2629	rBV6	96080876	320002171	85.41%	6.696%
55	18.586	2629	2635	2638	rBV3	59928388	117872769	31.46%	2.466%
56	18.633	2638	2643	2647	rVB3	73724025	128804301	34.38%	2.695%
57	18.727	2654	2659	2662	rBV2	53890002	81879049	21.85%	1.713%
58	18.762	2662	2665	2673	rVB3	40279984	79431464	21.20%	1.662%
59	18.868	2679	2683	2685	rBV	53043024	72848321	19.44%	1.524%
60	18.915	2685	2691	2694	rVV6	109869494	283846901	75.76%	5.939%
61	18.968	2697	2700	2705	rBV3	8266896	10484400	2.80%	0.219%
62	19.039	2705	2712	2718	rBV2	72661484	152729582	40.76%	3.196%
63	19.092	2718	2721	2723	rBV2	25948272	31182433	8.32%	0.652%
64	19.121	2724	2726	2728	rBV	14588784	17266348	4.61%	0.361%
65	19.180	2733	2736	2741	rVB	44118852	54308446	14.49%	1.136%
66	19.292	2752	2755	2759	rBV	14397352	25246931	6.74%	0.528%
67	19.409	2766	2775	2778	rBV6	128425348	374681529	100.00%	7.840%
68	19.468	2782	2785	2790	rVV4	24826740	44821818	11.96%	0.938%
69	19.515	2791	2793	2796	rVV4	17910369	25218246	6.73%	0.528%
70	19.550	2796	2799	2802	rVV3	32962951	49635512	13.25%	1.039%
71	19.586	2802	2805	2817	rVB	45895776	81291821	21.70%	1.701%

LSC Area Percent Report

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Acq On : 25 Oct 2017 12:27
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

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-BM102417.M
Title : SVOA CALIBRATION

72	19.674	2817	2820	2824	rBV2	24684208	34795188	9.29%	0.728%
73	19.815	2842	2844	2847	rBV	9479104	10384133	2.77%	0.217%
74	19.856	2847	2851	2858	rVB2	37498512	51840794	13.84%	1.085%
75	20.080	2886	2889	2891	rBV3	19119832	24657910	6.58%	0.516%
76	20.115	2891	2895	2901	rVB2	84600284	134828785	35.98%	2.821%
77	20.180	2903	2906	2909	rBV4	13527172	18343315	4.90%	0.384%
78	20.250	2915	2918	2921	rBV3	10830740	15263269	4.07%	0.319%
79	20.509	2959	2962	2965	rBV	22672304	25680533	6.85%	0.537%
80	20.874	3021	3024	3027	rVB	8036750	10202072	2.72%	0.213%
81	21.003	3042	3046	3053	rVB	19849418	29964593	8.00%	0.627%
82	21.139	3064	3069	3073	rBV2	21162504	31940330	8.52%	0.668%
83	21.262	3084	3090	3093	rBV2	22137254	46774815	12.48%	0.979%
84	21.297	3093	3096	3100	rVV	20993771	30573310	8.16%	0.640%
85	21.350	3103	3105	3113	rVV	13761754	20347339	5.43%	0.426%
86	21.433	3114	3119	3124	rVV3	17467319	33609032	8.97%	0.703%
87	21.503	3128	3131	3133	rVV	10466332	12161502	3.25%	0.254%
88	21.527	3133	3135	3139	rVB	8705112	9218536	2.46%	0.193%
89	23.791	3516	3520	3528	rVB2	16857797	32364296	8.64%	0.677%
90	23.891	3531	3537	3542	rVV4	5986540	13809037	3.69%	0.289%
91	23.962	3544	3549	3559	rVB6	7802394	17650779	4.71%	0.369%
92	24.074	3563	3568	3575	rVV3	6929729	17355752	4.63%	0.363%
93	24.168	3578	3584	3588	rVV3	11197090	29763202	7.94%	0.623%
94	24.244	3590	3597	3604	rVB	43049547	94011159	25.09%	1.967%
95	24.397	3616	3623	3633	rVB3	27532059	69785375	18.63%	1.460%
96	24.497	3635	3640	3647	rBV2	11347742	23545694	6.28%	0.493%
97	24.703	3669	3675	3683	rBV6	7672213	20774832	5.54%	0.435%
98	24.897	3693	3708	3718	rVB2	57980936	170913748	45.62%	3.576%
99	24.997	3720	3725	3731	rVB	9853588	18487120	4.93%	0.387%
100	28.620	4334	4341	4359	rVB2	8274153	30189040	8.06%	0.632%

Sum of corrected areas: 4778989672

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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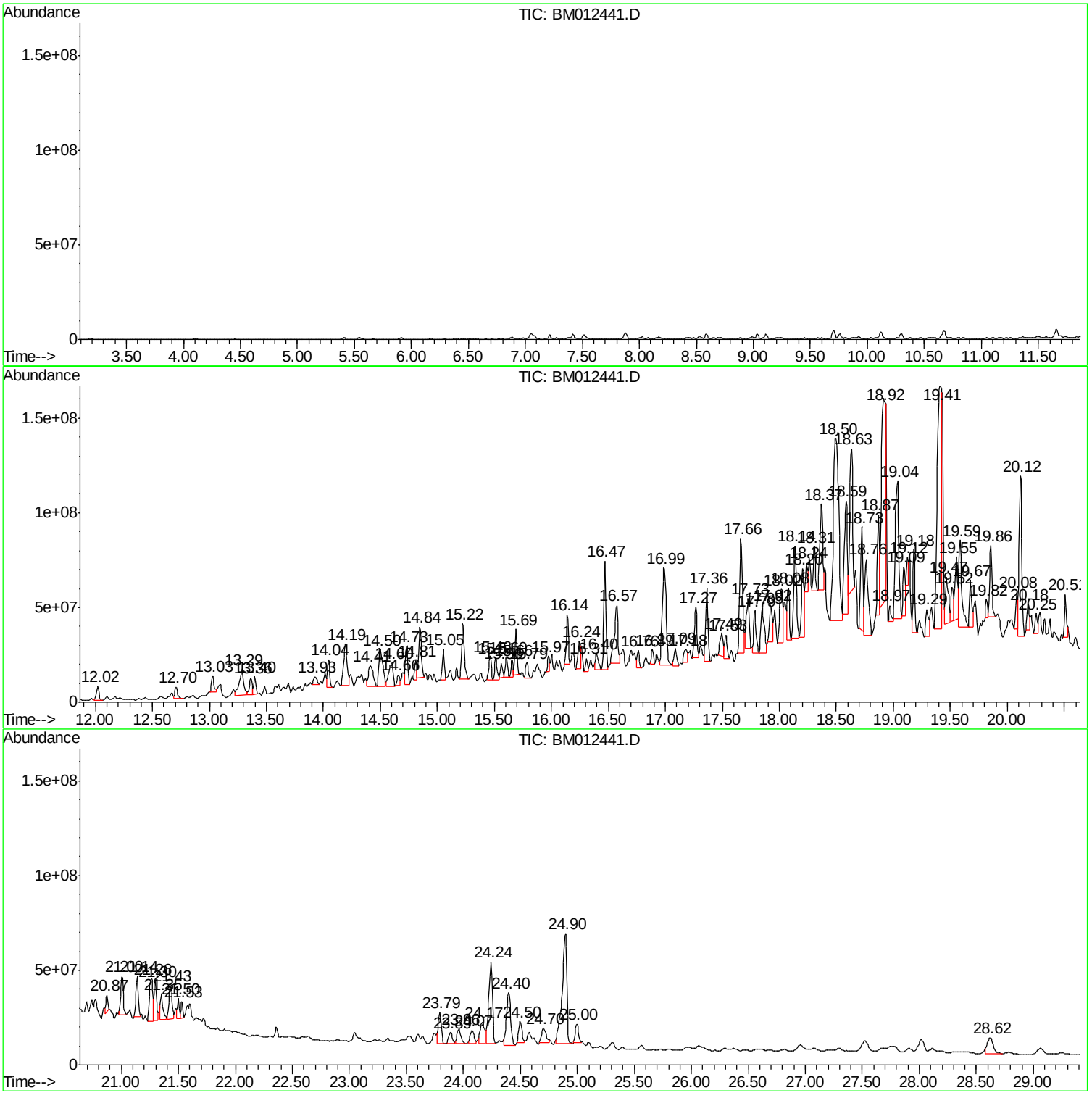
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

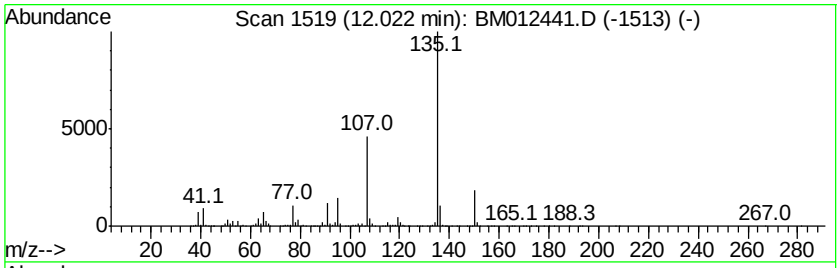
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

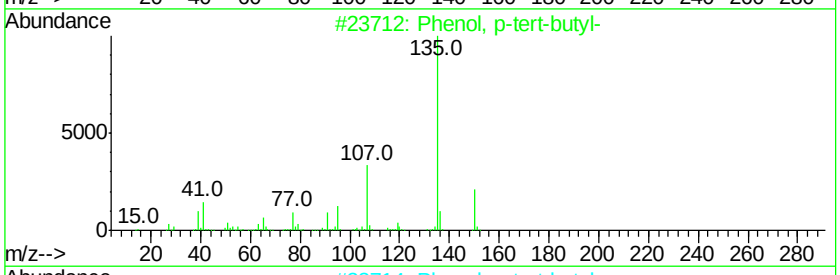
****

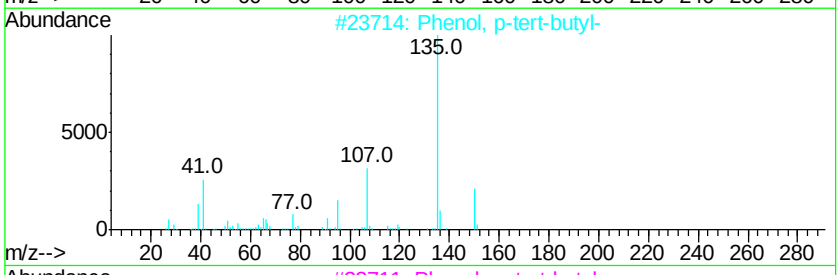
Peak Number 1 Phenol, p-tert-butyl- Concentration Rank 30

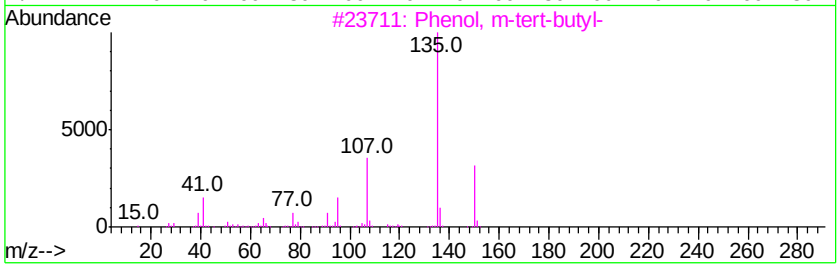
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	20.00 ng/ul	11159500	Naphthalene-d8	10.67

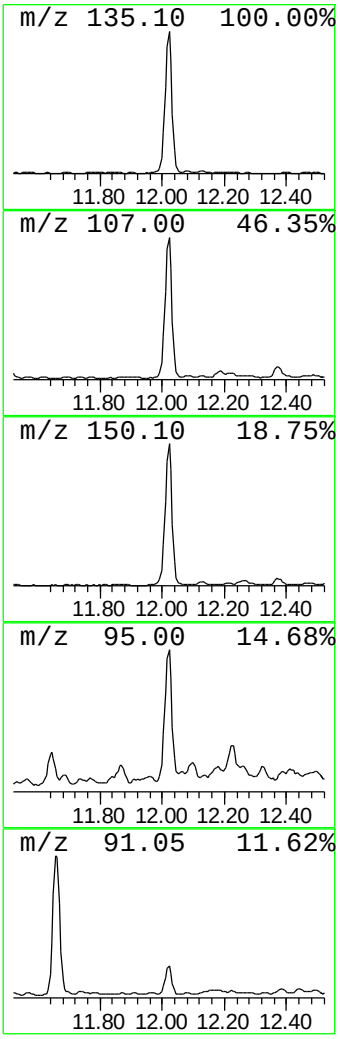
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	64
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58











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Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

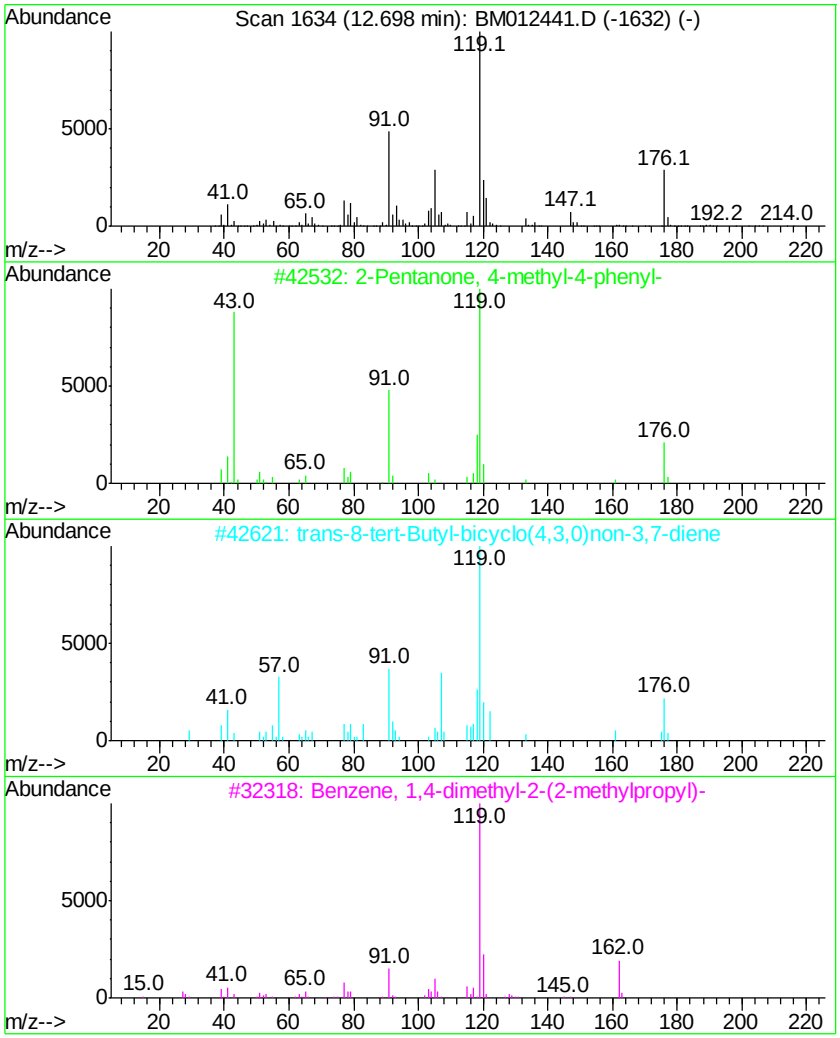
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

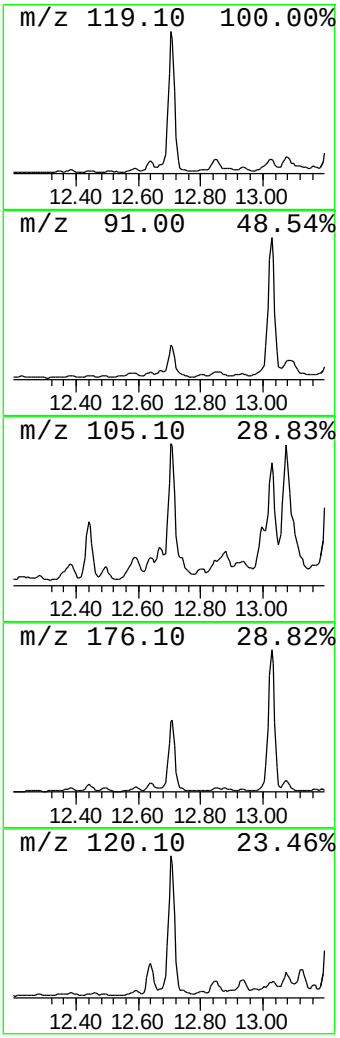
****

Peak Number 2 2-Pentanone, 4-methyl-4-phe... Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	4.50 ng/ul	10443700	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methyl-4-phenyl-	176	C12H16O	007403-42-1	70
2	trans-8-tert-Butyl-bicyclo(4,3,0...	176	C13H20	1000145-77-0	64
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	62
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
5	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	50





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

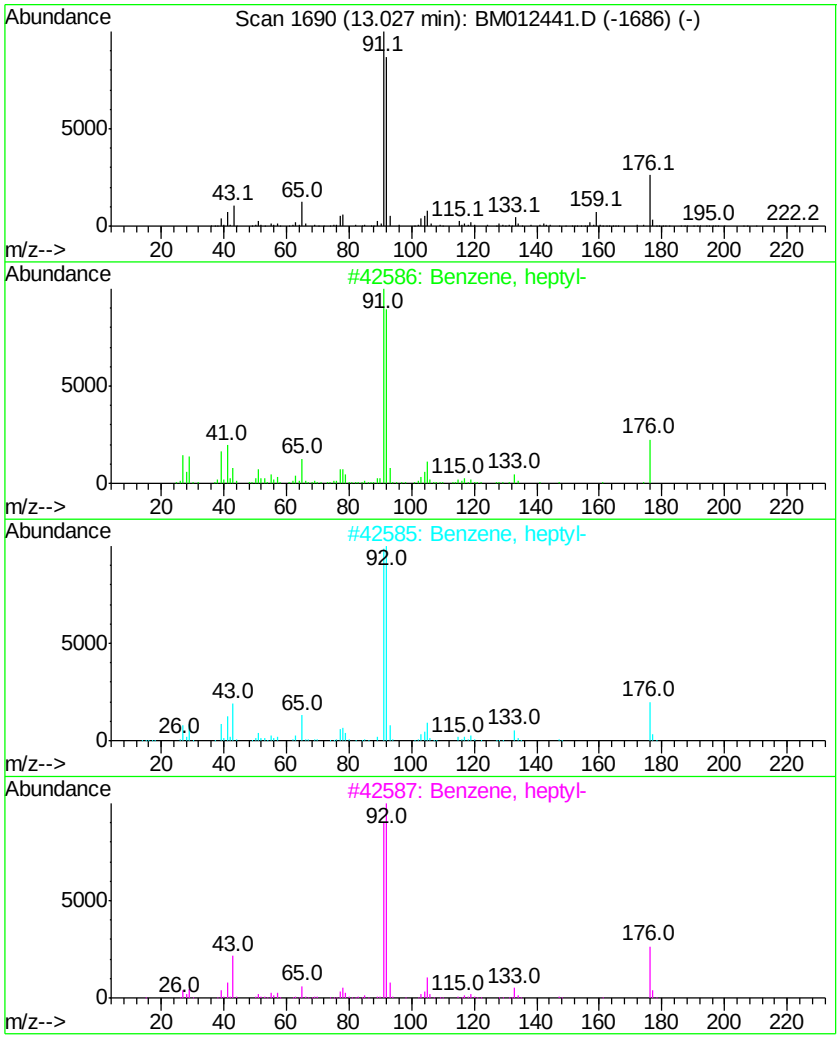
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

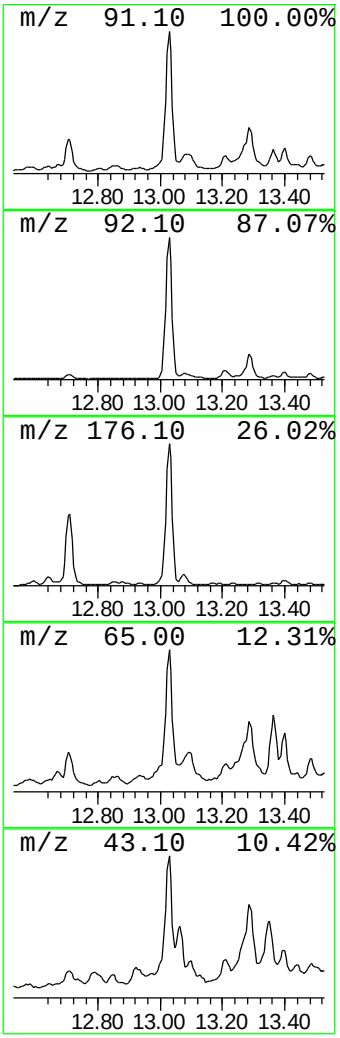
****

Peak Number 3 Benzene, heptyl- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	5.22 ng/ul	12118700	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	87
2	Benzene, heptyl-	176	C13H20	001078-71-3	72
3	Benzene, heptyl-	176	C13H20	001078-71-3	59
4	Benzene, hexyl-	162	C12H18	001077-16-3	59
5	Benzene, 1,1'-[oxybis(methylene)...	198	C14H14O	000103-50-4	53





Library Search Compound Report

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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
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Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

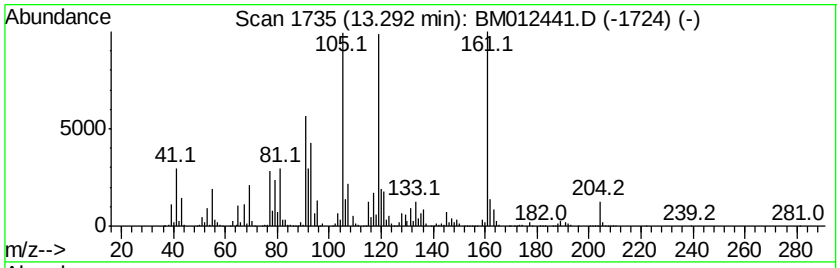
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

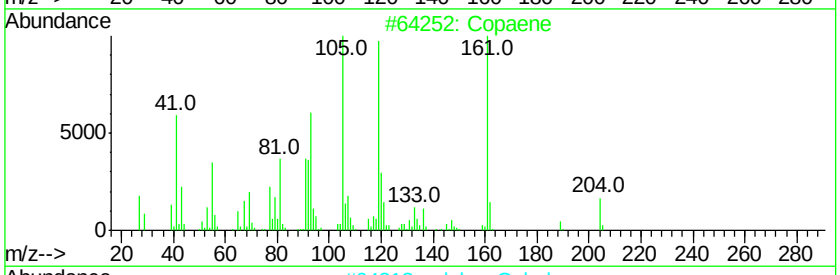
****

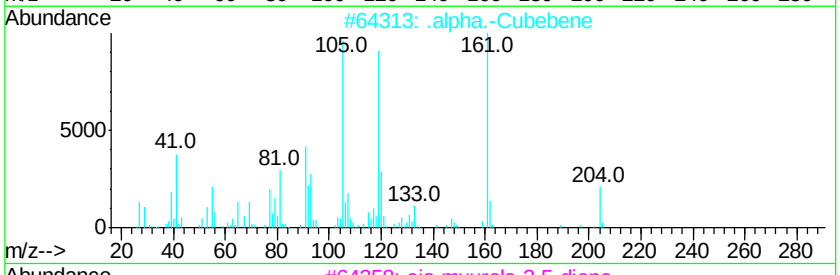
Peak Number 4 Copaene Concentration Rank 38

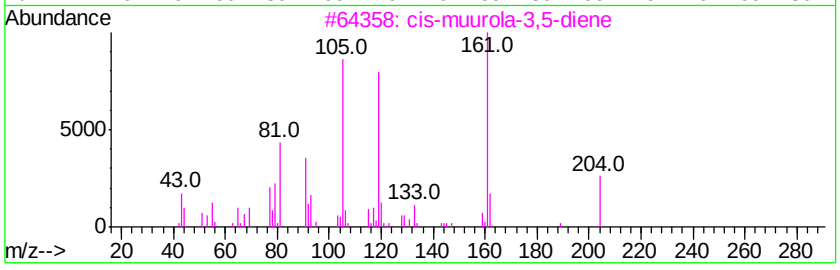
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	15.93 ng/ul	36971100	Acenaphthene-d10	14.52

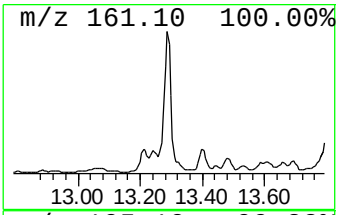
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	93
2	.alpha.-Cubebene	204	C15H24	017699-14-8	91
3	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	90
4	.alpha.-Cubebene	204	C15H24	017699-14-8	87
5	Copaene	204	C15H24	003856-25-5	64

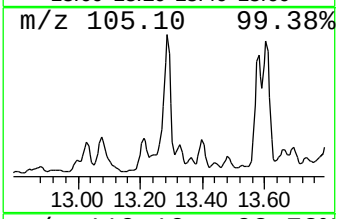


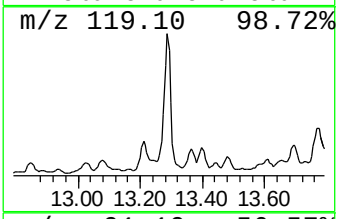


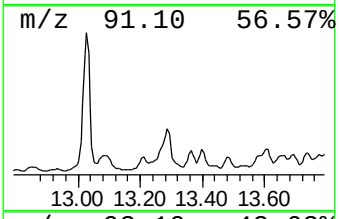


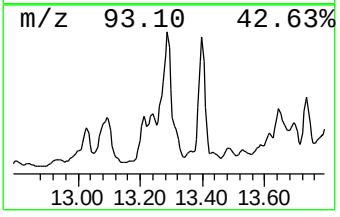












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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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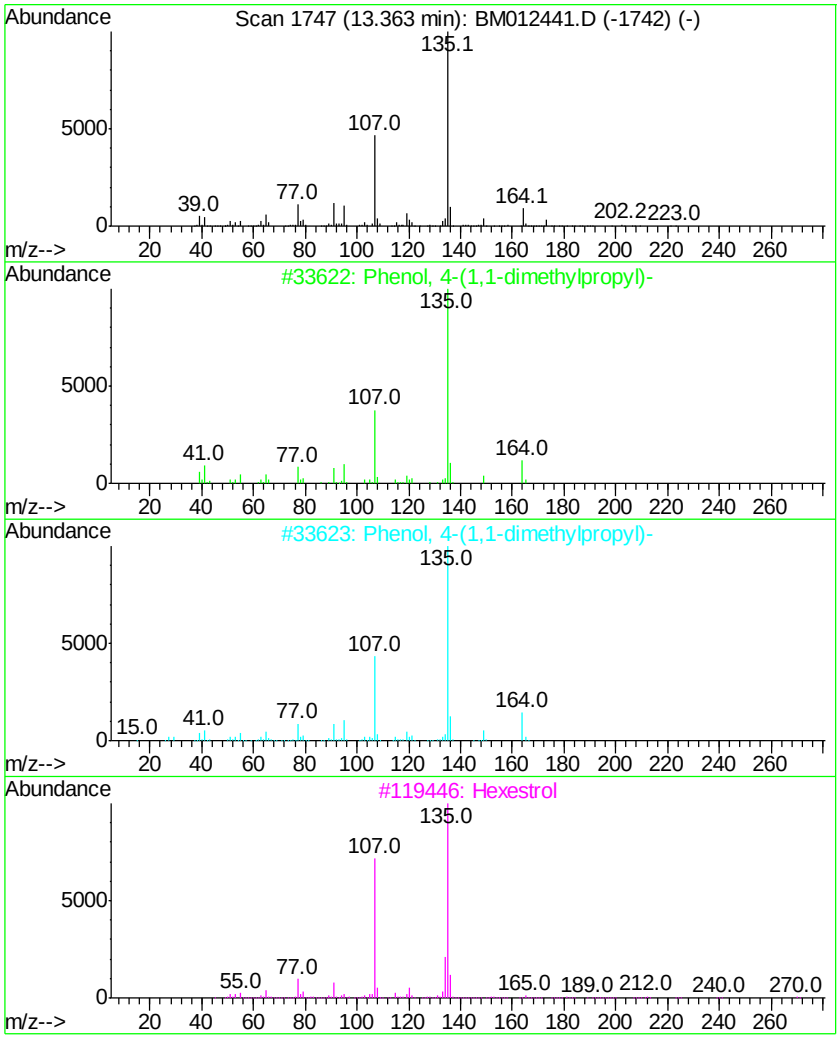
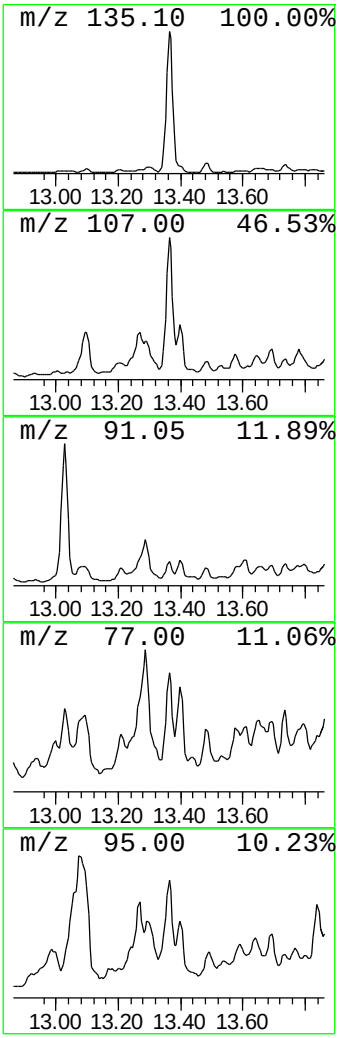
Peak Number 5 Phenol, 4-(1,1-dimethylprop... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	6.10 ng/ul	14155500	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
3	Hexestrol	270	C18H22O2	000084-16-2	64
4	Hexestrol	270	C18H22O2	000084-16-2	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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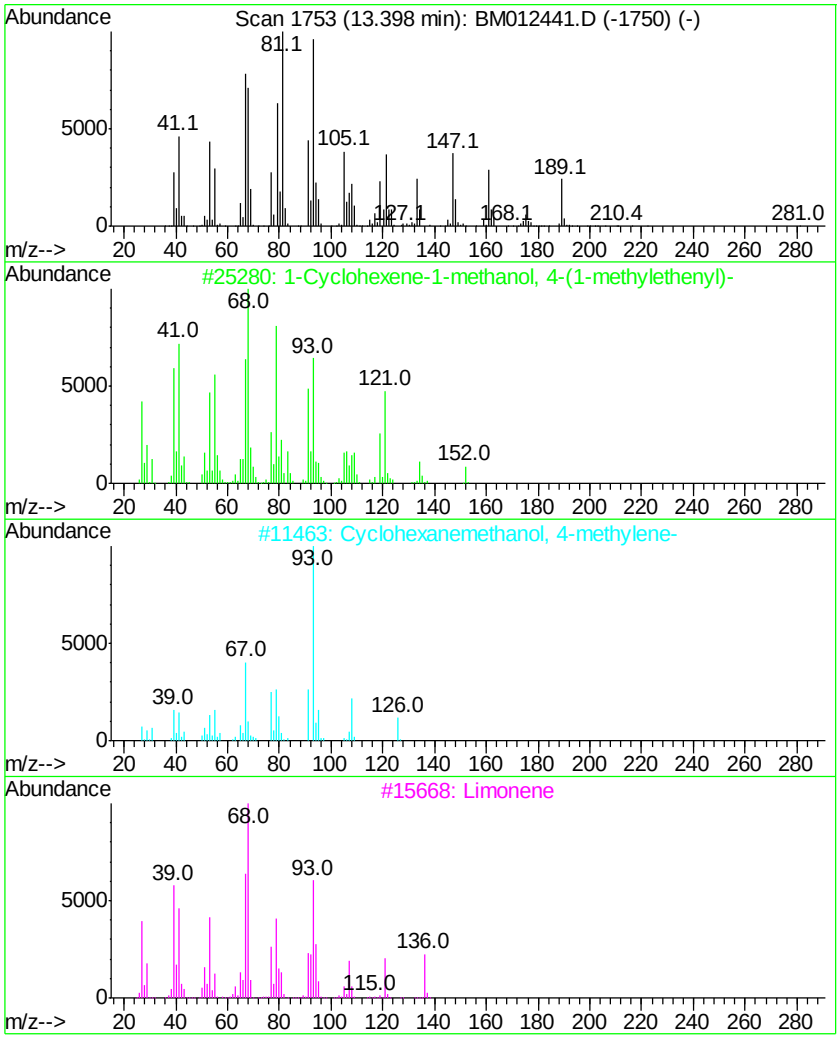
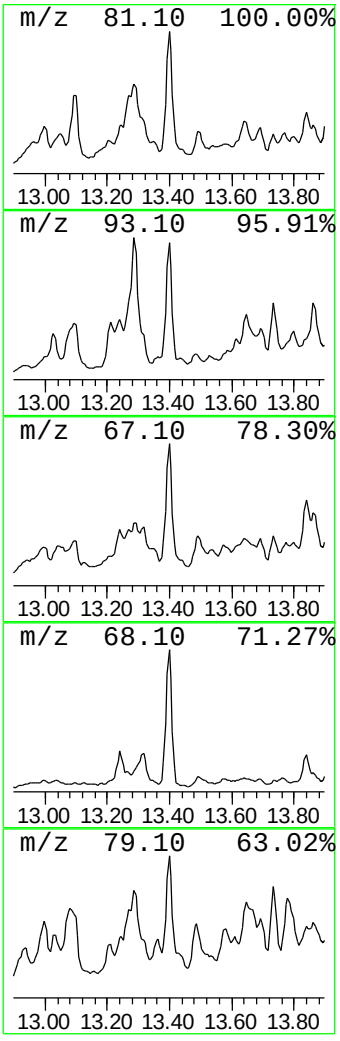
Peak Number 6 unknown-01 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	5.07 ng/ul	11759000	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene-1-methanol, 4-(1-m...	152	C10H16O	000536-59-4	43
2	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	38
3	Limonene	136	C10H16	000138-86-3	38
4	1,4-Pentadiene	68	C5H8	000591-93-5	35
5	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	35





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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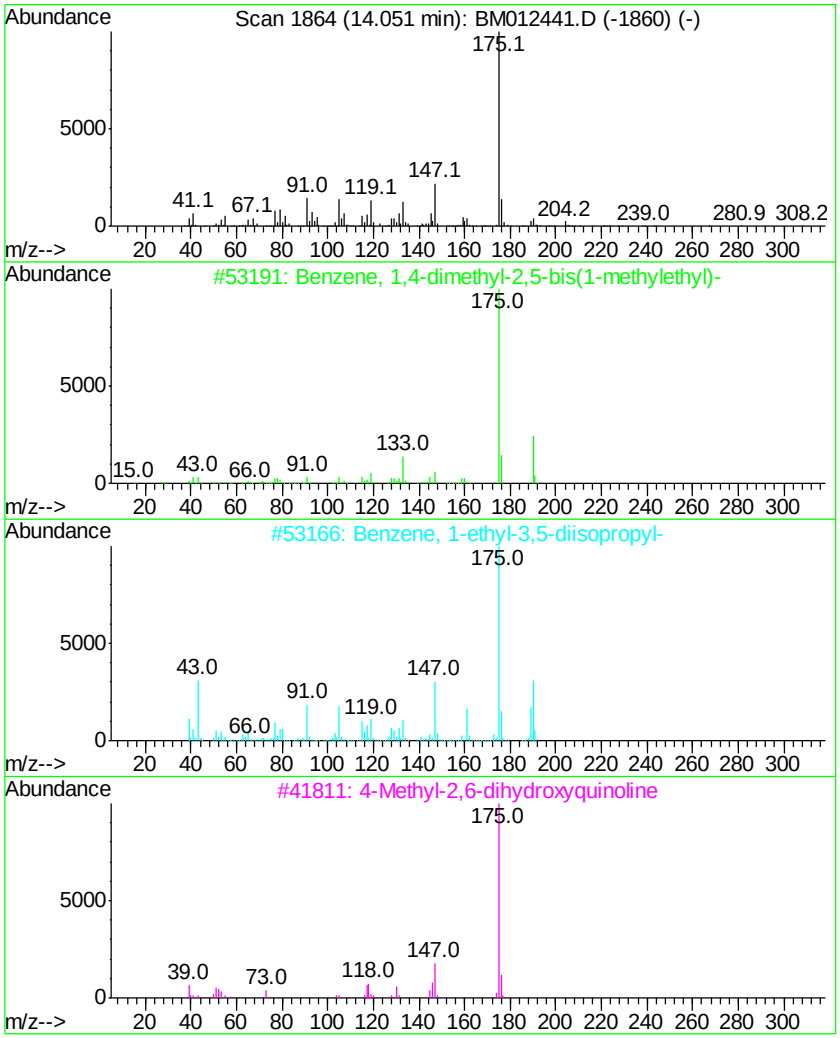
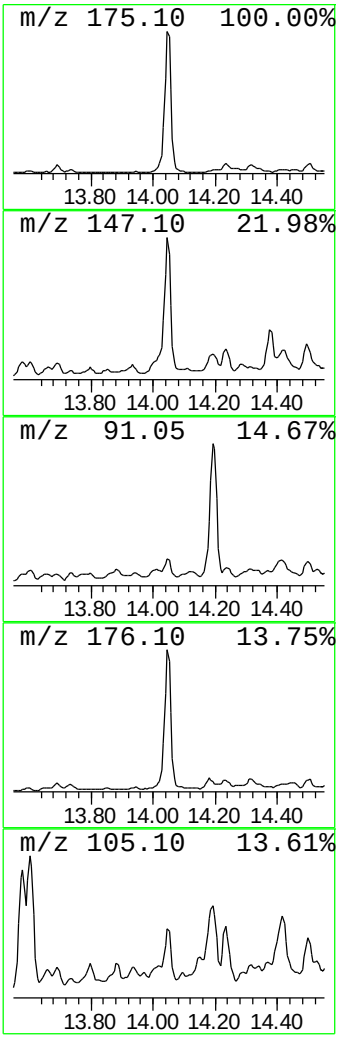
Peak Number 7 Benzene, 1,4-dimethyl-2,5-b... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	8.37 ng/ul	19419000	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	76
2	Benzene, 1-ethyl-3,5-diisopropyl-	190	C14H22	015181-13-2	64
3	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	64
4	4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	59
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	53





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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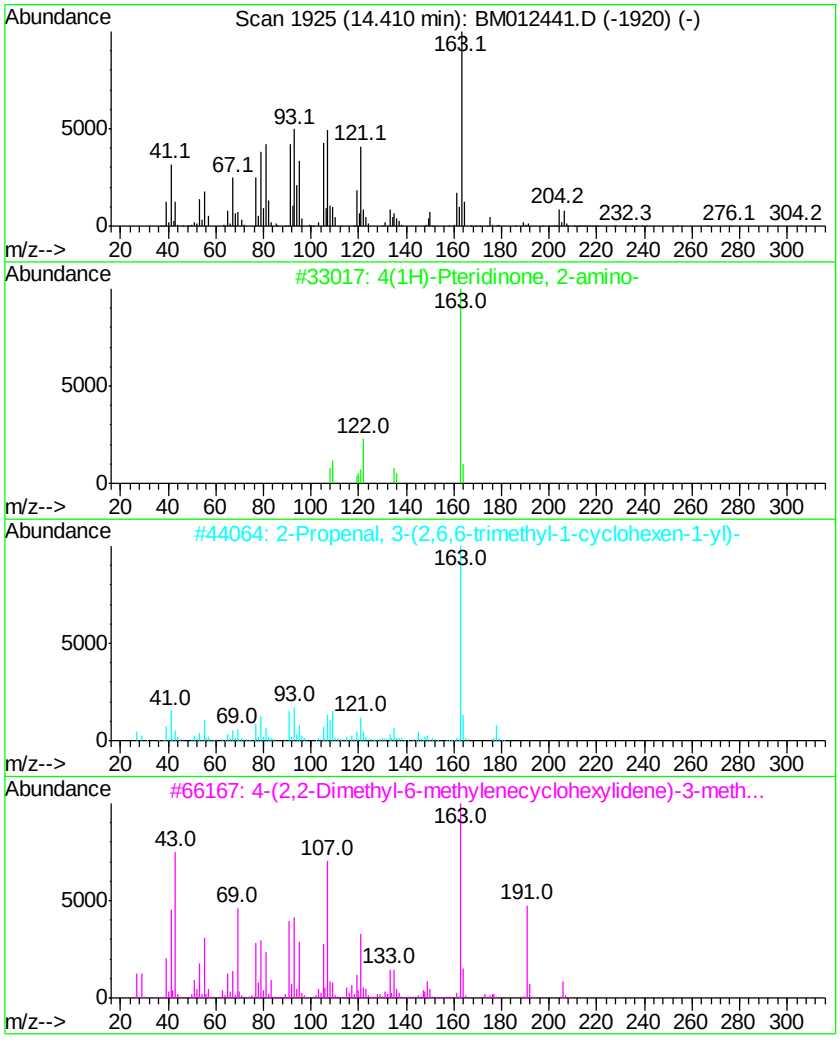
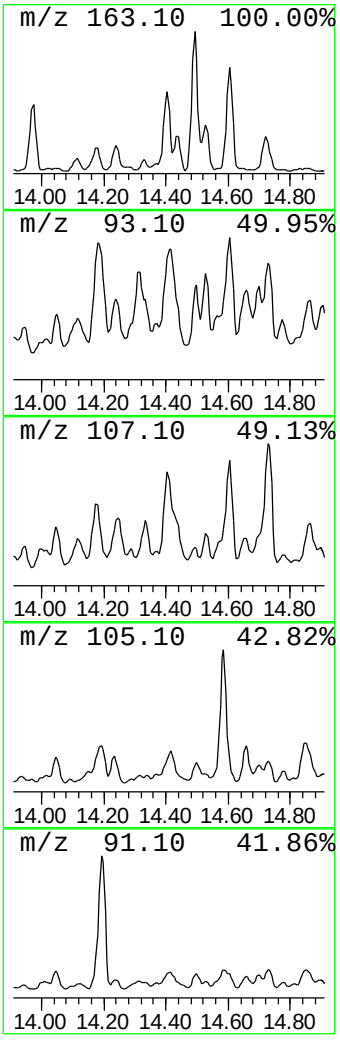
Peak Number 8 4(1H)-Pteridinone, 2-amino- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	13.81 ng/ul	32054000	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	59
2	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	53
3	4-(2,2-Dimethyl-6-methylenecyclo...	206	C14H22O	093175-74-7	49
4	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	47
5	4H-1,2,4-Triazole, 3-(3,5-dimeth...	163	C7H9N5	003310-78-9	47





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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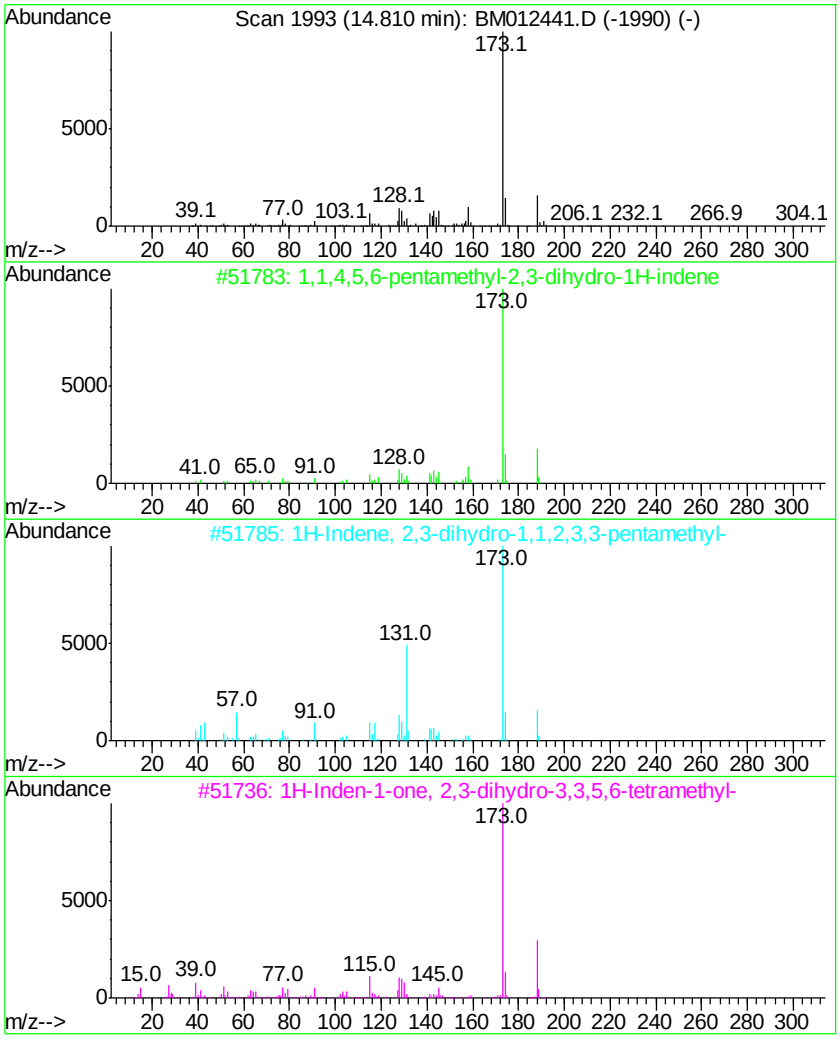
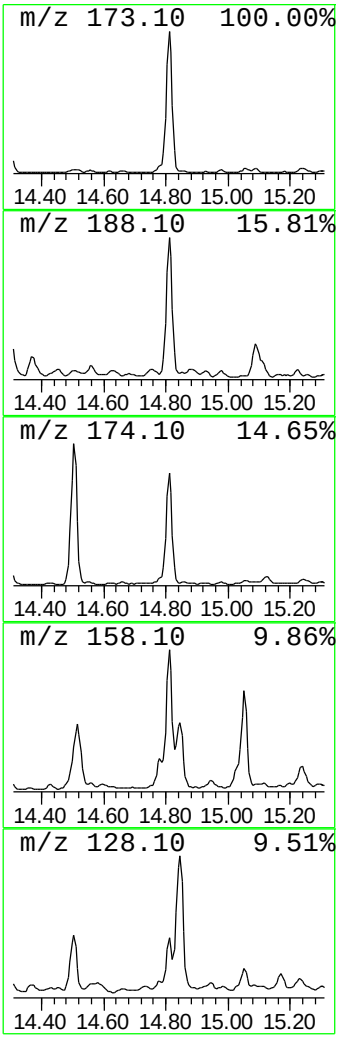
Peak Number 9 1,1,4,5,6-pentamethyl-2,3-d... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.96 ng/ul	11507500	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	96
2	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	87
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	87
4	Quinoline, 6-methoxy-4-methyl-	173	C11H11NO	041037-26-7	64
5	1,4,6,7-Tetramethyl1,2,3,4-tetra...	188	C14H20	1000113-61-3	64





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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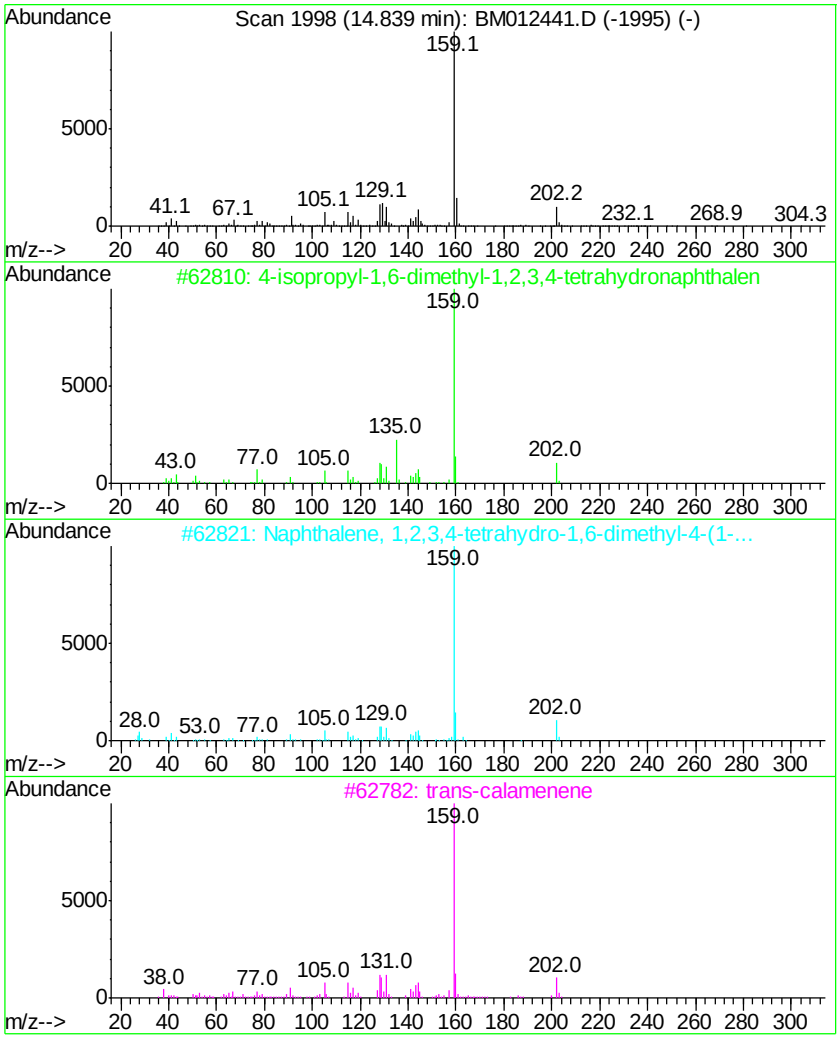
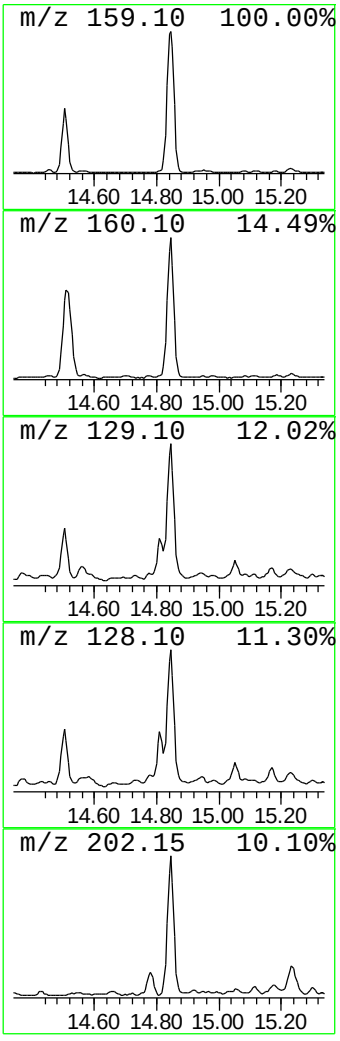
Peak Number 10 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	19.55 ng/ul	45377300	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	96
3	trans-calamenene	202	C15H22	1000374-17-3	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	72





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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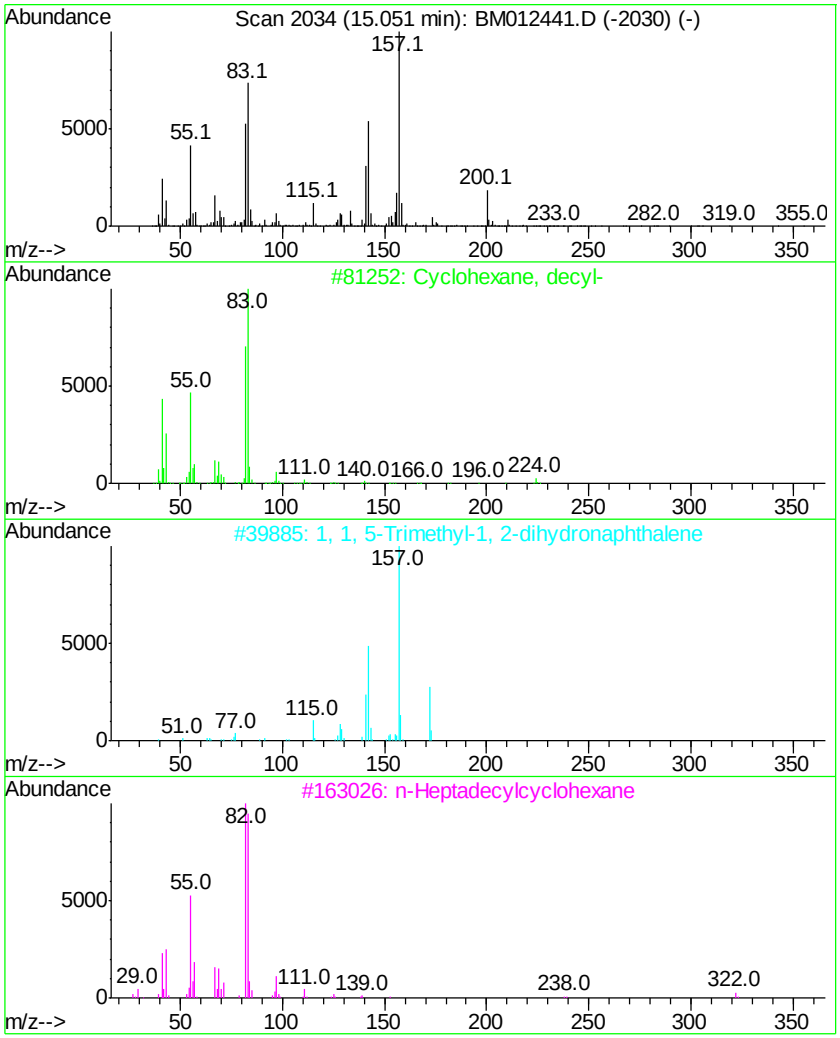
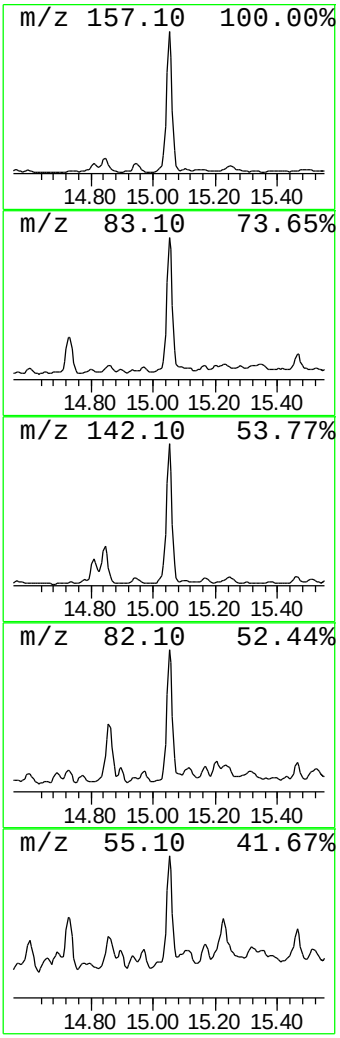
Peak Number 11 (DEL) Alkane: Cyclic15.05 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	8.76 ng/ul	20336600	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, decyl-	224	C16H32	001795-16-0	42
2	1, 1, 5-Trimethyl-1, 2-dihydrona...	172	C13H16	1000357-25-8	38
3	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	30
4	n-Nonylcyclohexane	210	C15H30	002883-02-5	30
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	30





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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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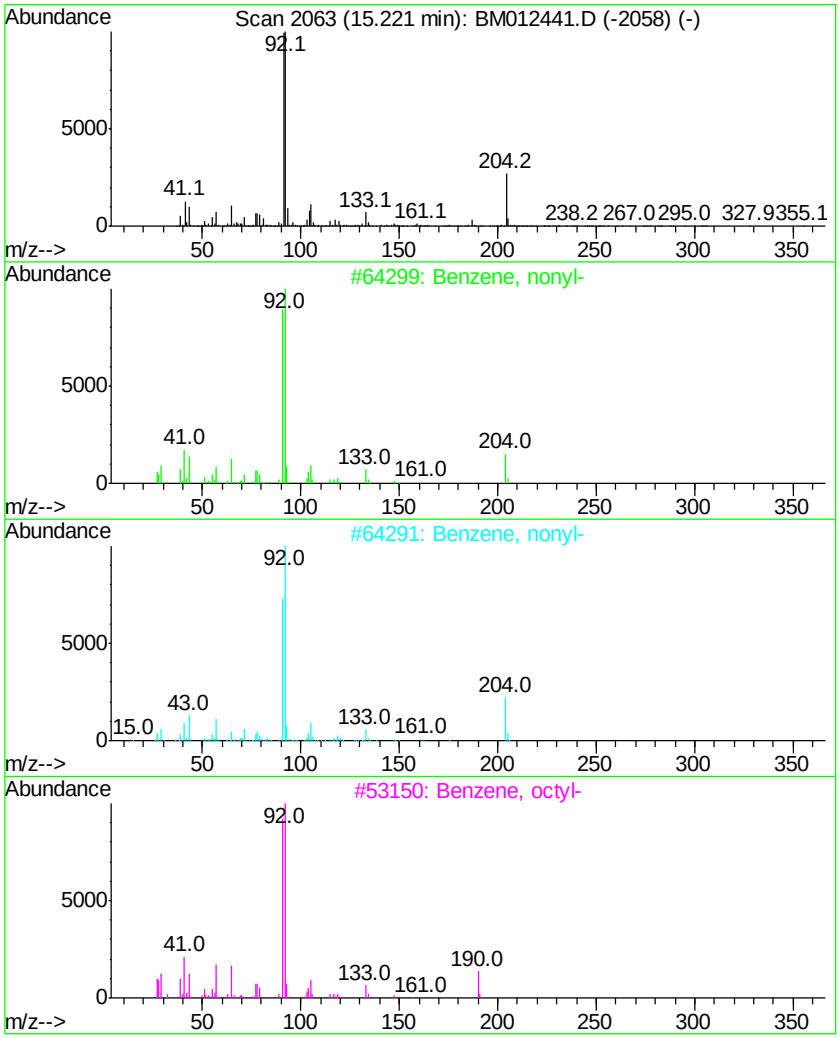
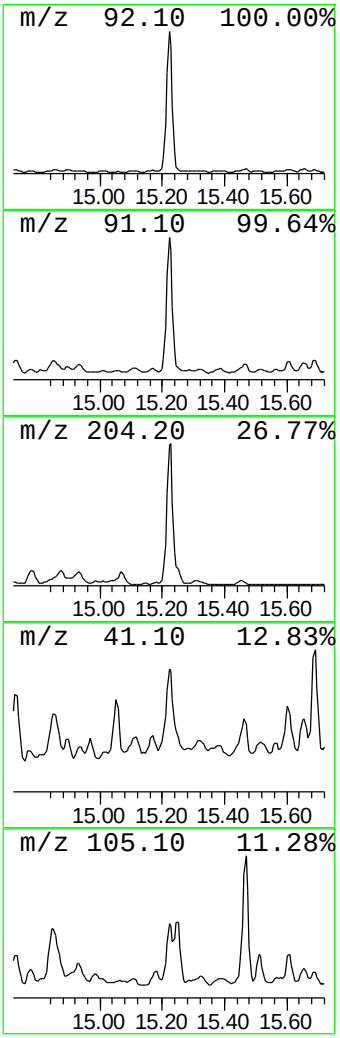
Peak Number 12 Benzene, nonyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	20.72 ng/ul	48094600	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, nonyl-	204	C15H24	001081-77-2	96
2	Benzene, nonyl-	204	C15H24	001081-77-2	94
3	Benzene, octyl-	190	C14H22	002189-60-8	72
4	Benzene, pentyl-	148	C11H16	000538-68-1	64
5	Benzene, hexyl-	162	C12H18	001077-16-3	64





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Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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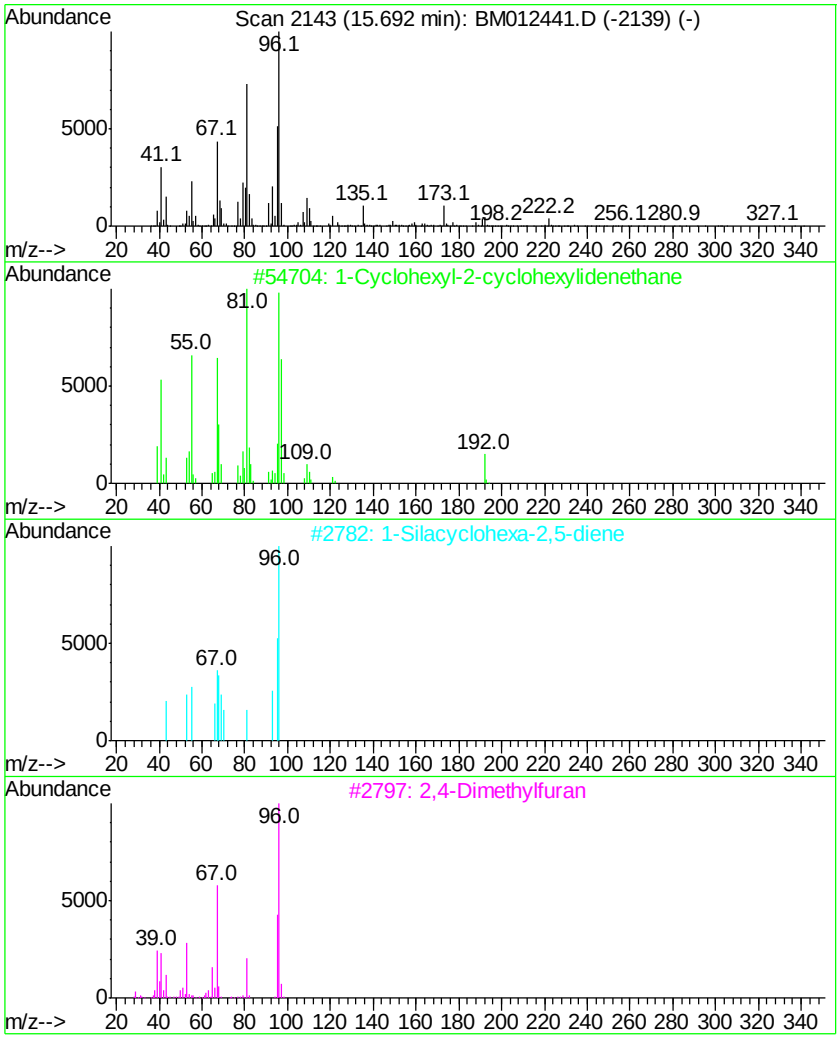
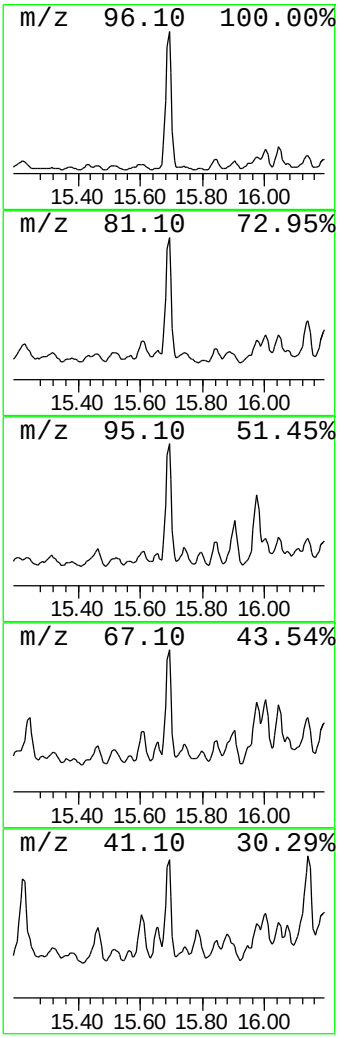
Peak Number 13 1-Cyclohexyl-2-cyclohexylid... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	13.05 ng/ul	30285700	Acenaphthene-d10	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-cyclohexylidenethane	192	C14H24	059986-23-1	58
2	1-Silacyclohexa-2,5-diene	96	C5H8Si	081200-77-3	53
3	2,4-Dimethylfuran	96	C6H8O	003710-43-8	53
4	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	47
5	Cyclohexene, 1-isopentyl-	152	C11H20	003983-04-8	47





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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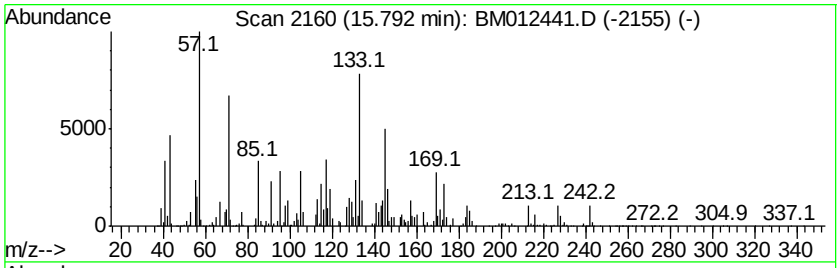
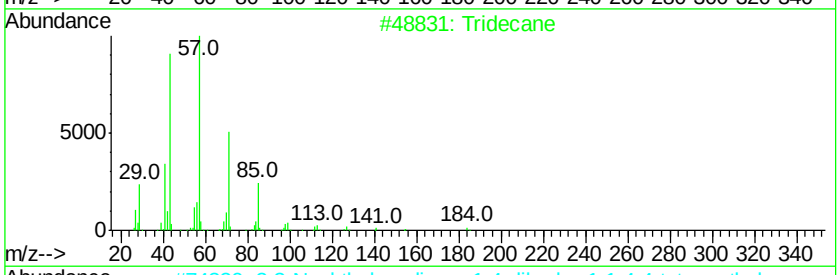
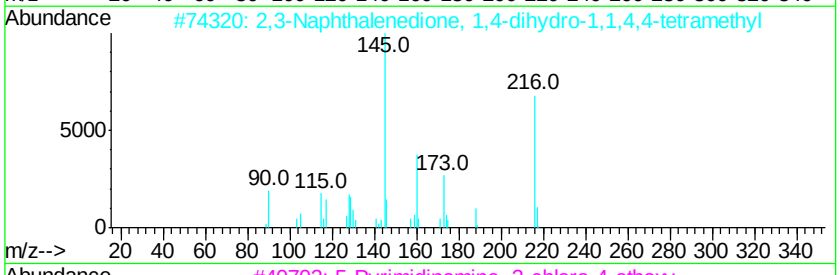
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 71

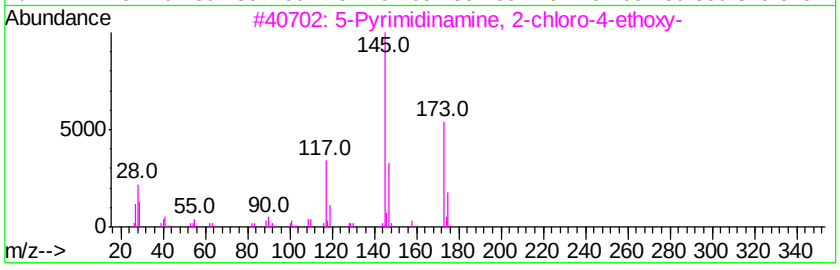
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	5.23 ng/ul	12148000	Acenaphthene-d10	14.52

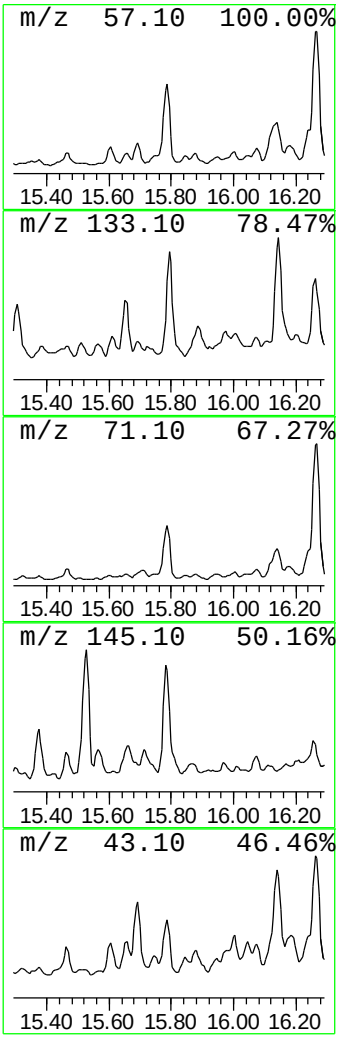
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	35
2	2,3-Naphthalenedione, 1,4-dihydr...	216	C14H16O2	017471-49-7	30
3	5-Pyrimidinamine, 2-chloro-4-eth...	173	C6H8ClN3O	054484-70-7	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	22
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	22











Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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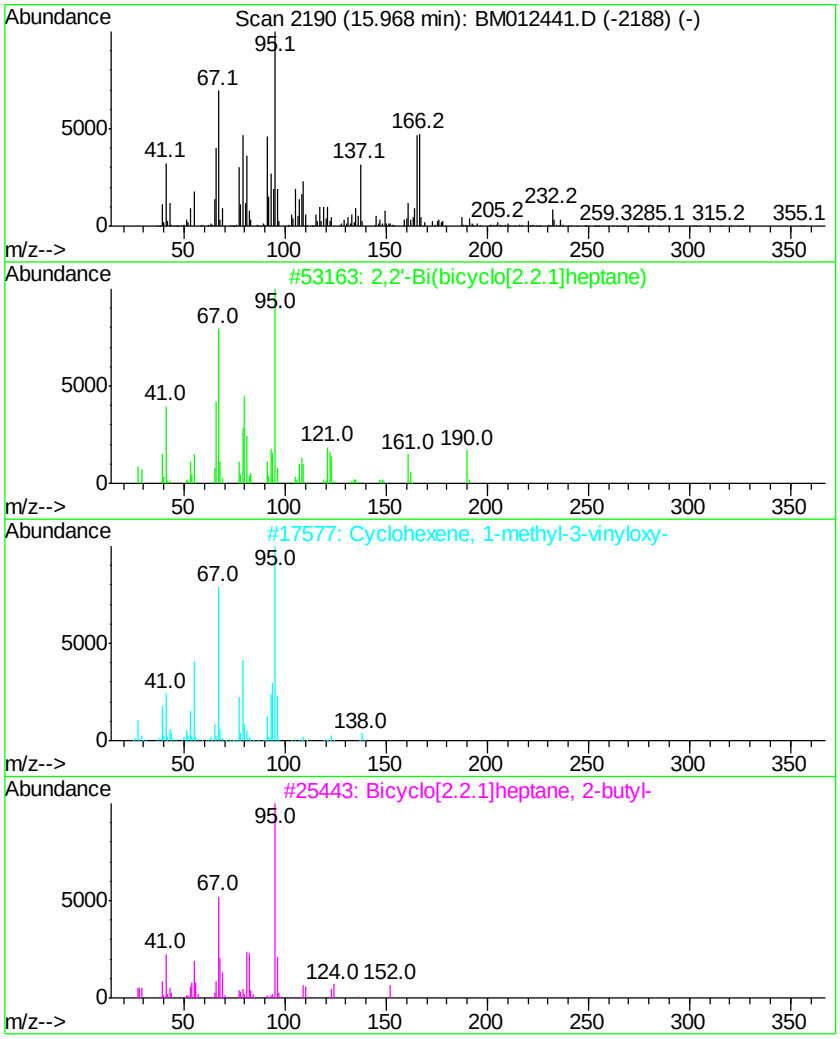
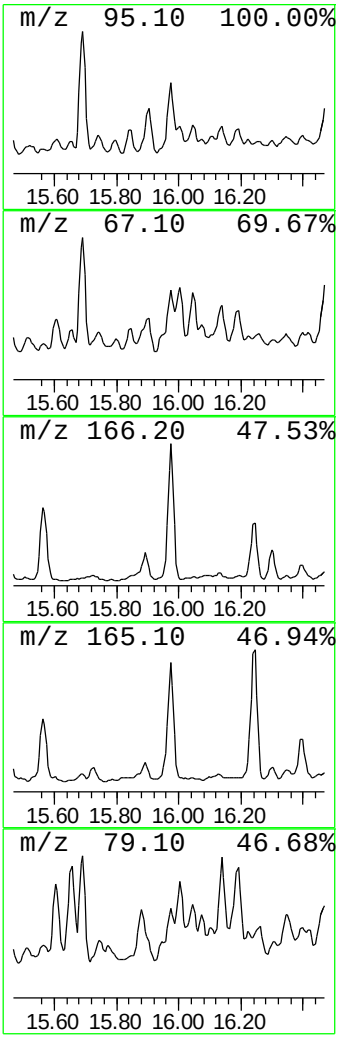
Peak Number 15 unknown-02 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.82 ng/ul	10403300	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Bi(bicyclo[2.2.1]heptane)	190	C14H22	018947-78-9	38
2	Cyclohexene, 1-methyl-3-vinyloxy-	138	C9H14O	100144-30-7	35
3	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	27
4	Bicyclo[2.2.2]octane, 2-chloro-	144	C8H13Cl	033649-79-5	25
5	4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	081955-10-4	22





Library Search Compound Report

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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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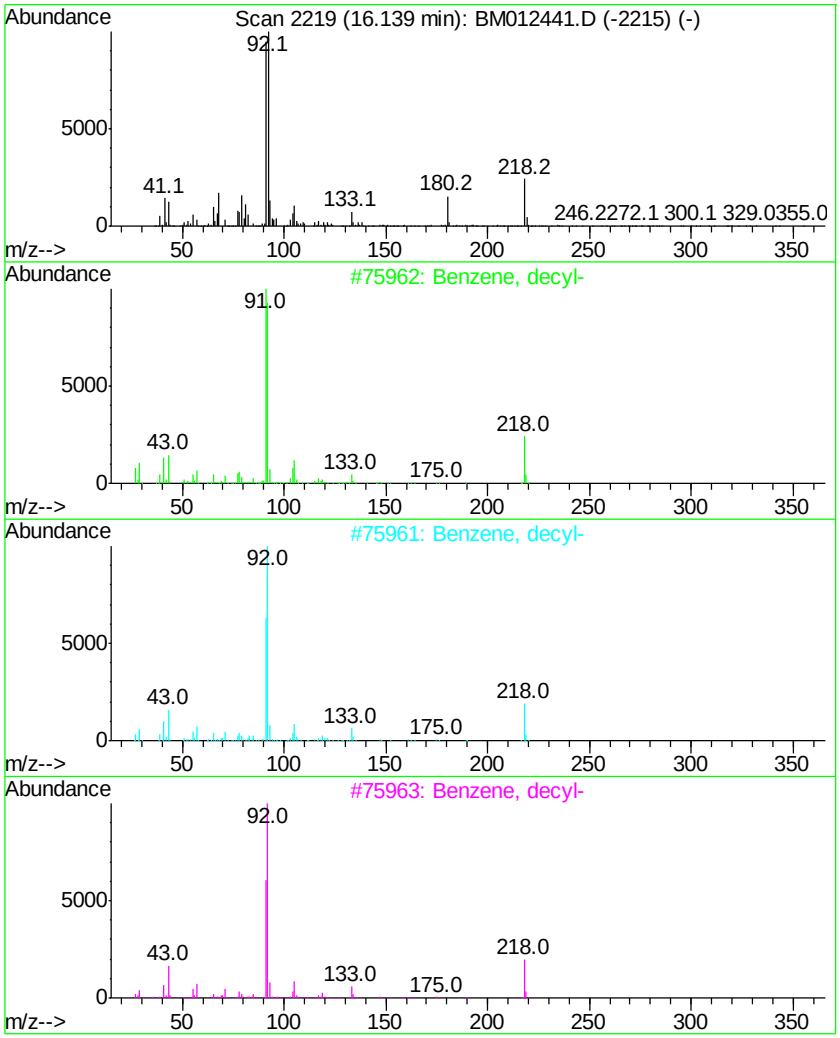
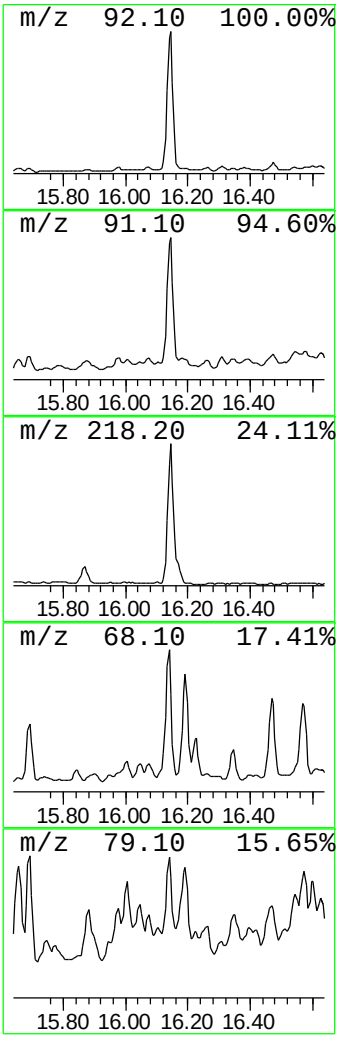
Peak Number 16 Benzene, decyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	15.45 ng/ul	33364000	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, decyl-	218	C16H26	000104-72-3	91
2	Benzene, decyl-	218	C16H26	000104-72-3	87
3	Benzene, decyl-	218	C16H26	000104-72-3	81
4	Benzene, octyl-	190	C14H22	002189-60-8	53
5	Benzene, undecyl-	232	C17H28	006742-54-7	53





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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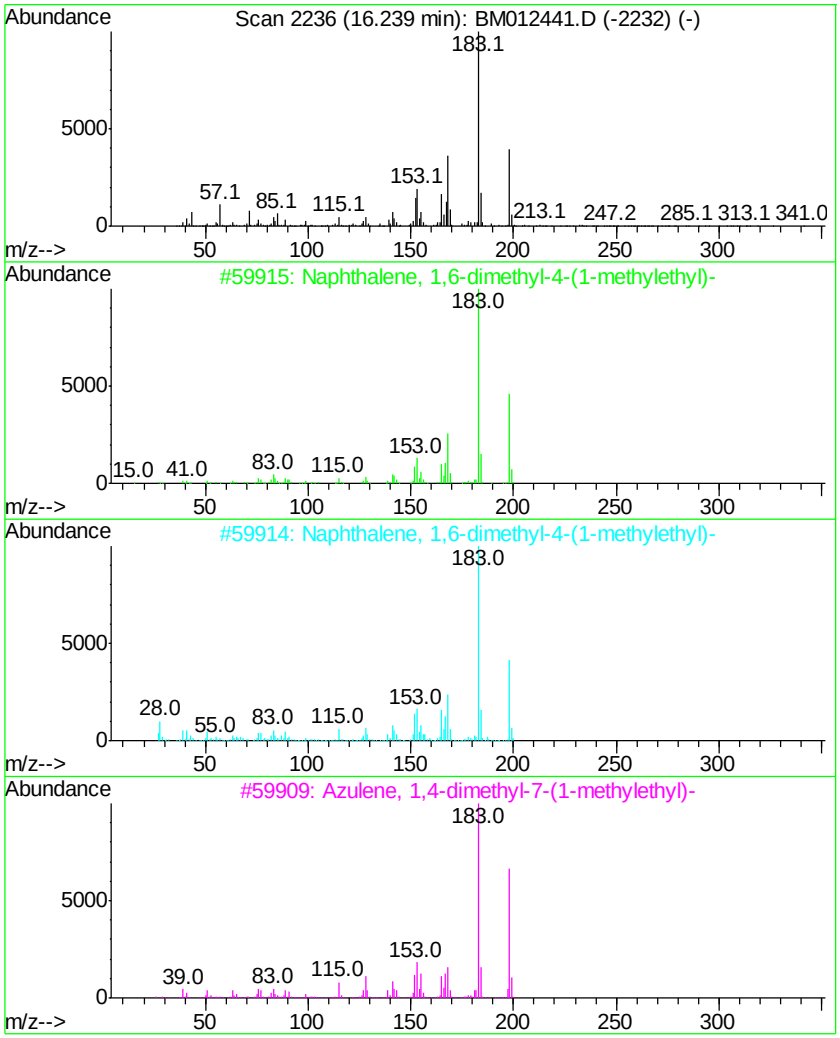
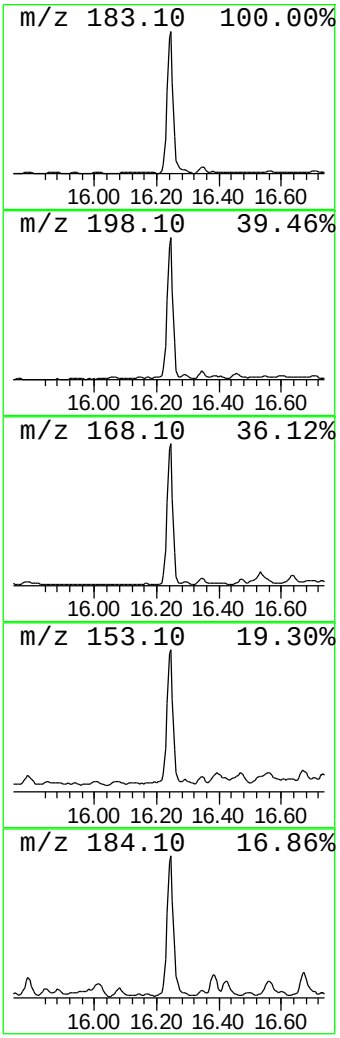
Peak Number 17 Naphthalene, 1,6-dimethyl-4... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	10.75 ng/ul	23215200	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	96
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	93
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	93
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	93
5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	91





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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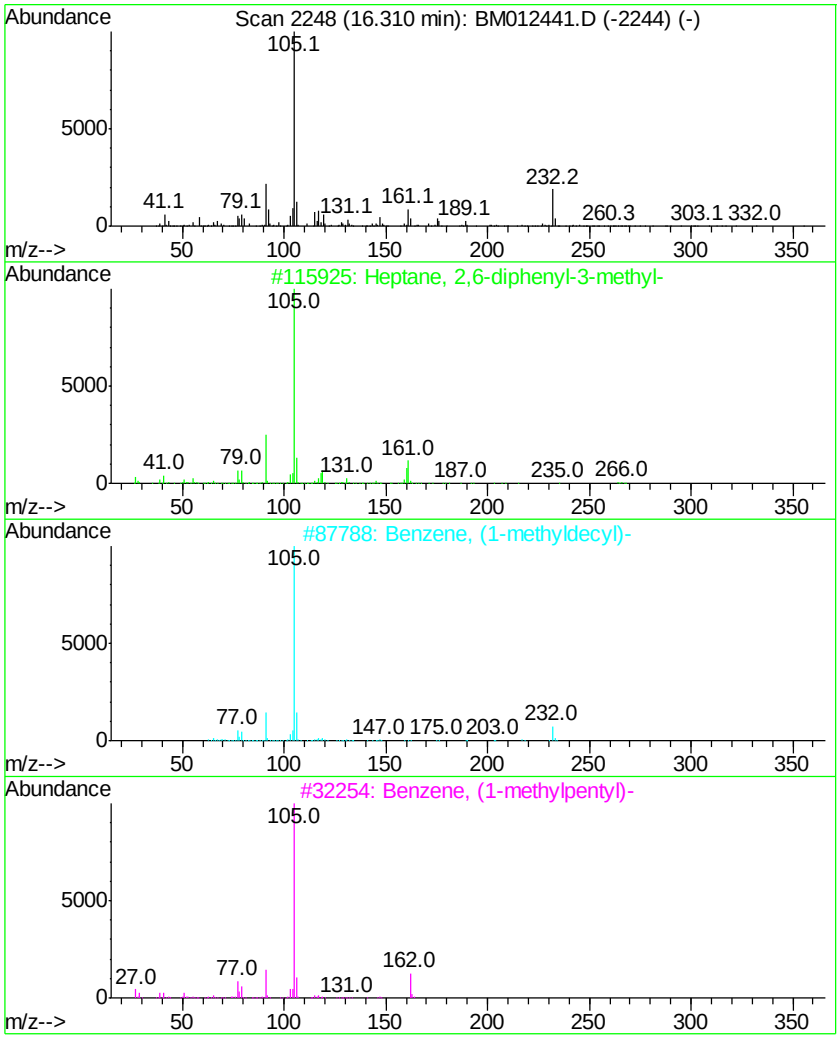
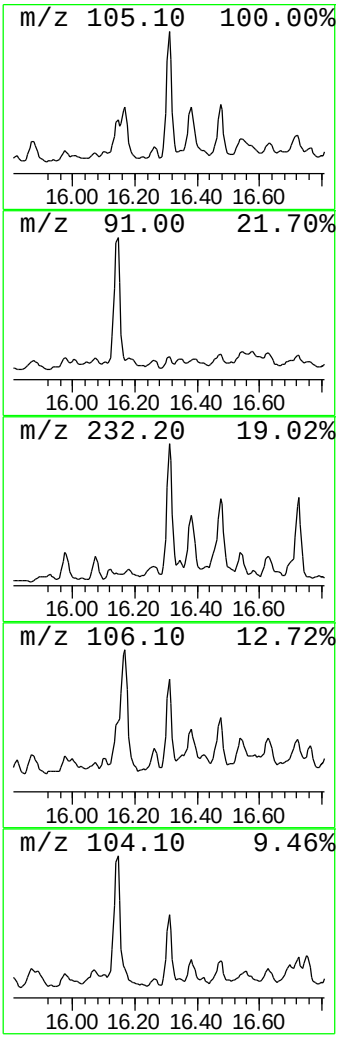
Peak Number 18 Heptane, 2,6-diphenyl-3-met... Concentration Rank 80

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	4.27 ng/ul	9225850	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-diphenyl-3-methyl-	266	C20H26	1000161-22-5	53
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	47
3	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	43
4	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	43
5	Hexanoic acid, 1-[(1-phenylethyl...	291	C17H25NO3	1000142-14-0	43





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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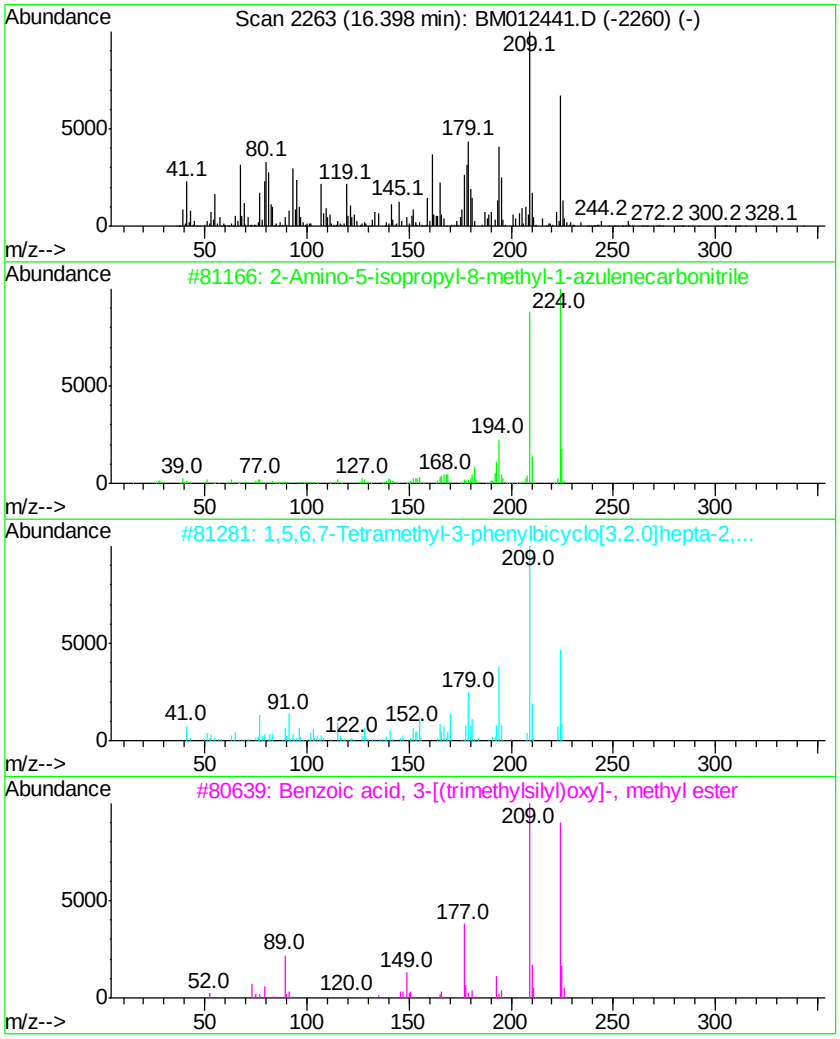
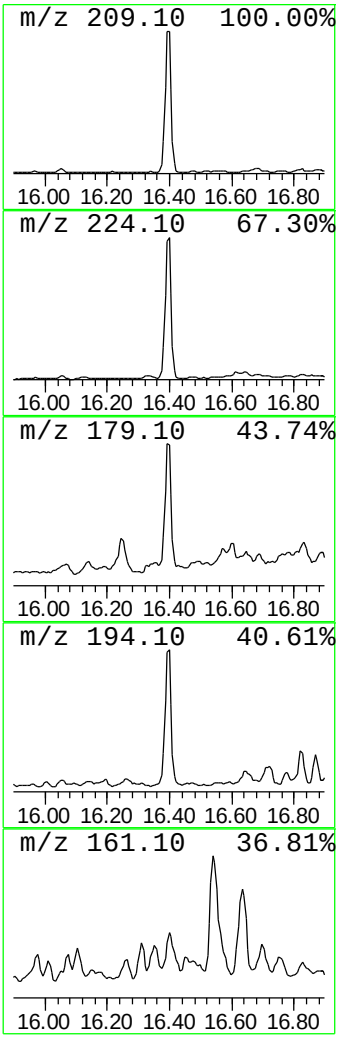
Peak Number 19 2-Amino-5-isopropyl-8-methy... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	6.58 ng/ul	14210100	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	70
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	52
3	Benzoic acid, 3-[(trimethylsilyl...	224	C11H16O3Si	027798-50-1	45
4	Acrylic acid, 3,3-diphenyl-	224	C15H12O2	000606-84-8	38
5	Benzeneacetic acid, .alpha.-(phe...	224	C15H12O2	000091-48-5	38





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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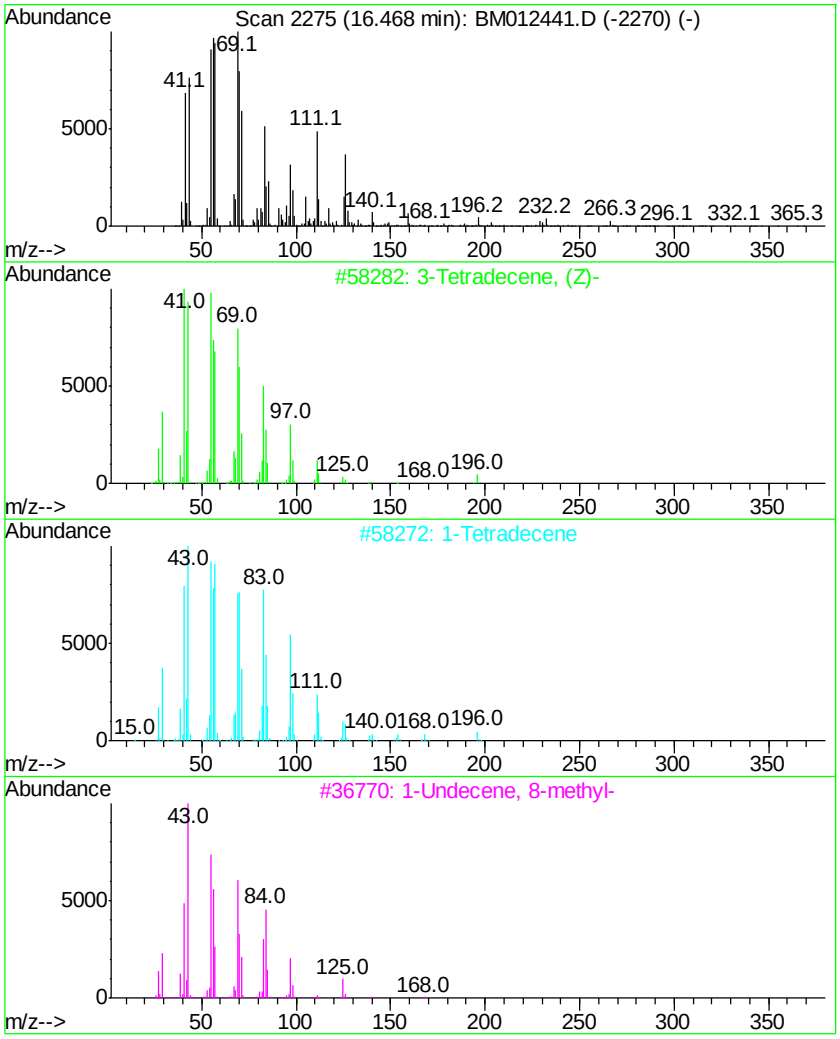
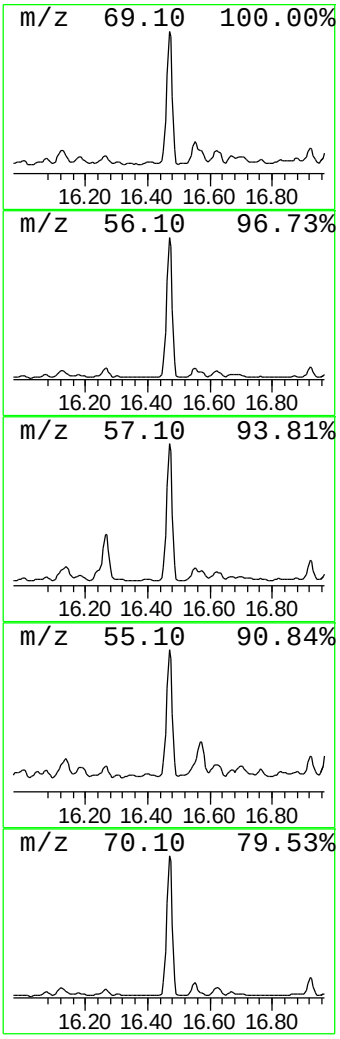
Peak Number 20 (DEL) Alkane: Cyclic16.47 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	36.35 ng/ul	78510300	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	76
2	1-Tetradecene	196	C14H28	001120-36-1	64
3	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	64
4	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	62
5	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	62





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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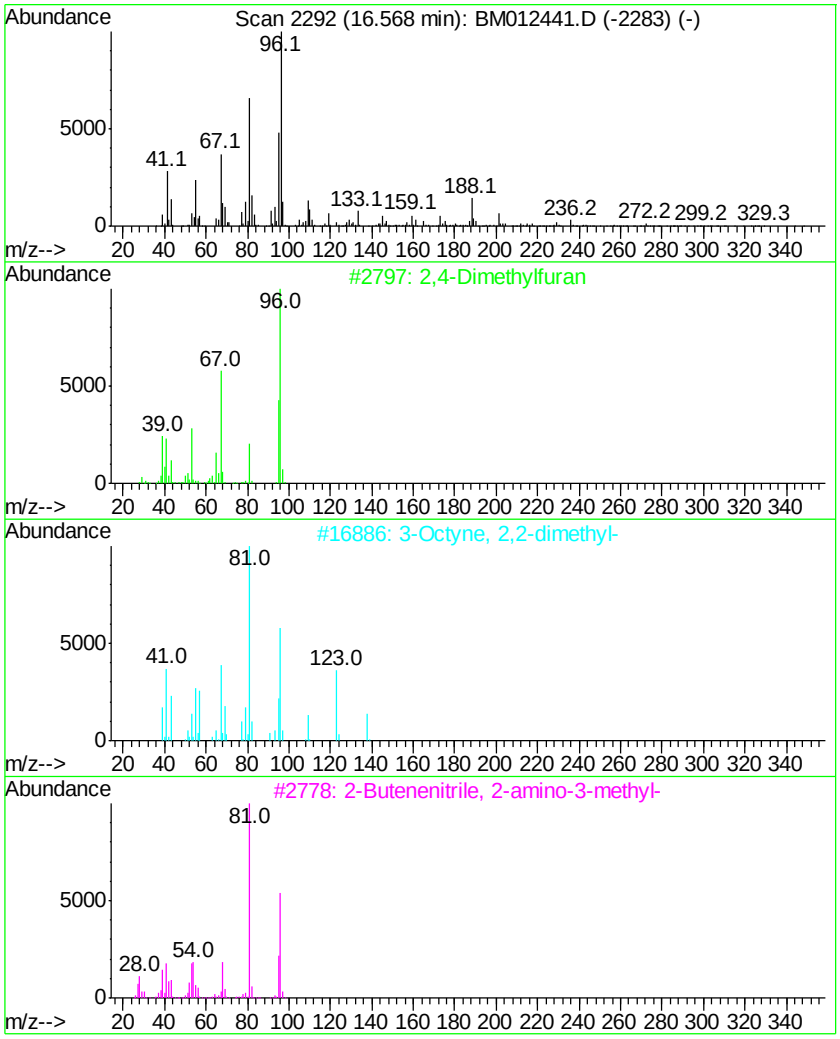
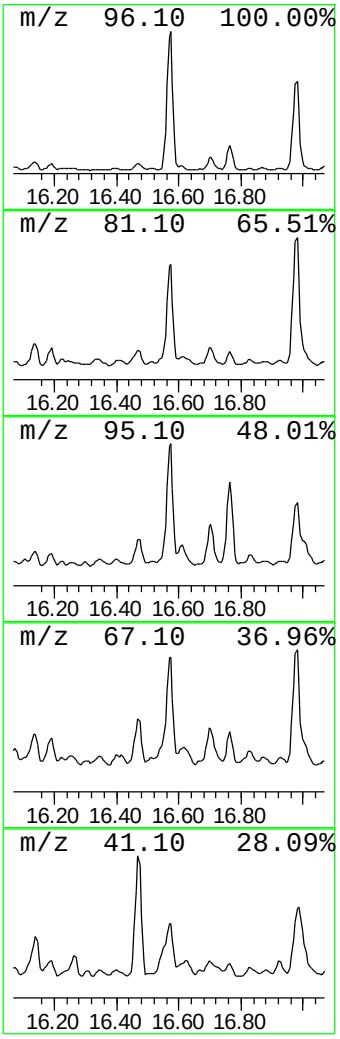
Peak Number 21 2,4-Dimethylfuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	31.00 ng/ul	66942400	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylfuran	96	C6H8O	003710-43-8	64
2	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	64
3	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	58
4	o-Menth-8-ene	138	C10H18	015193-25-6	56
5	Cyclohexene, 1-isopentyl-	152	C11H20	003983-04-8	53





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Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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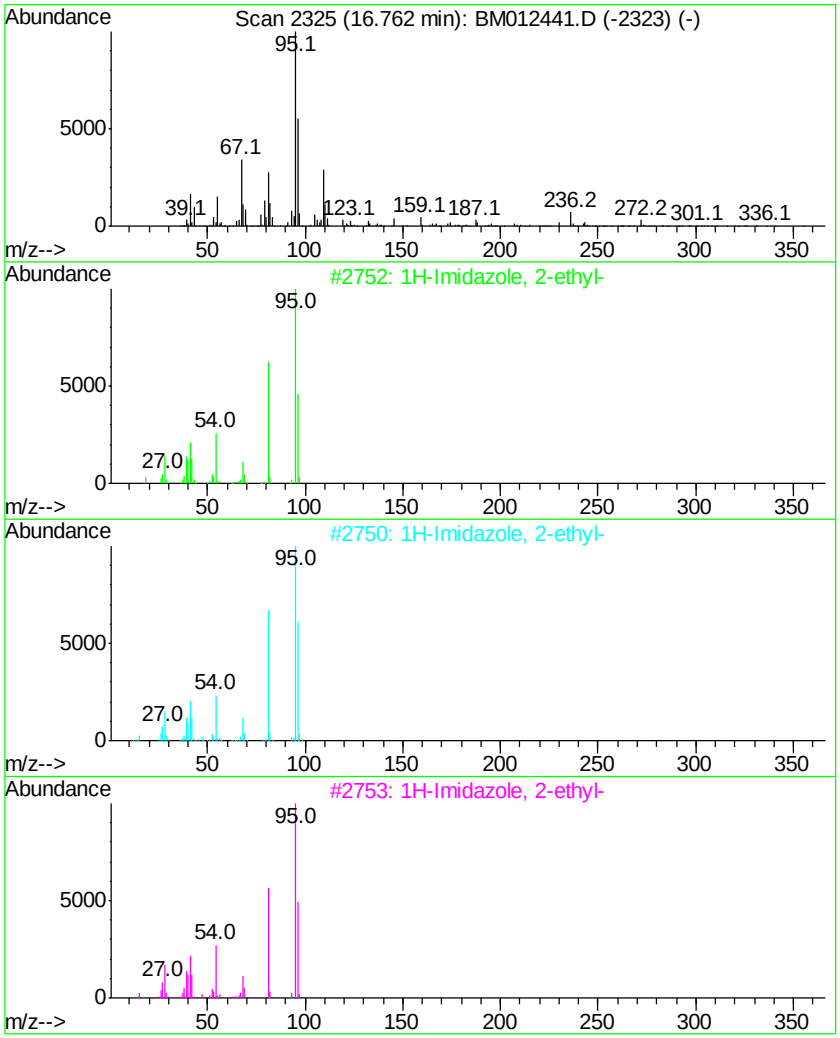
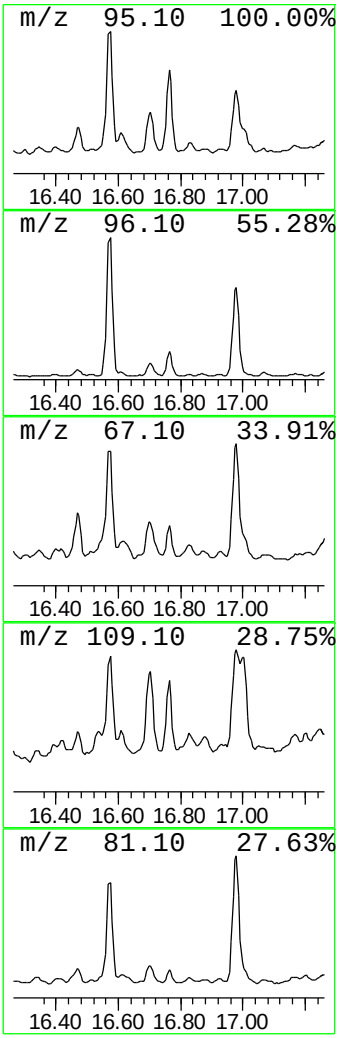
Peak Number 22 1H-Imidazole, 2-ethyl- Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	4.55 ng/ul	9820290	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	52
2	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	52
3	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	50
4	Cyclohexene, 1-methyl-3-(1-methy...	138	C10H18	013828-31-4	47
5	1-(1,2-Dimethyl-cyclopent-2-enyl...	138	C9H14O	070987-82-5	47





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Misc :
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Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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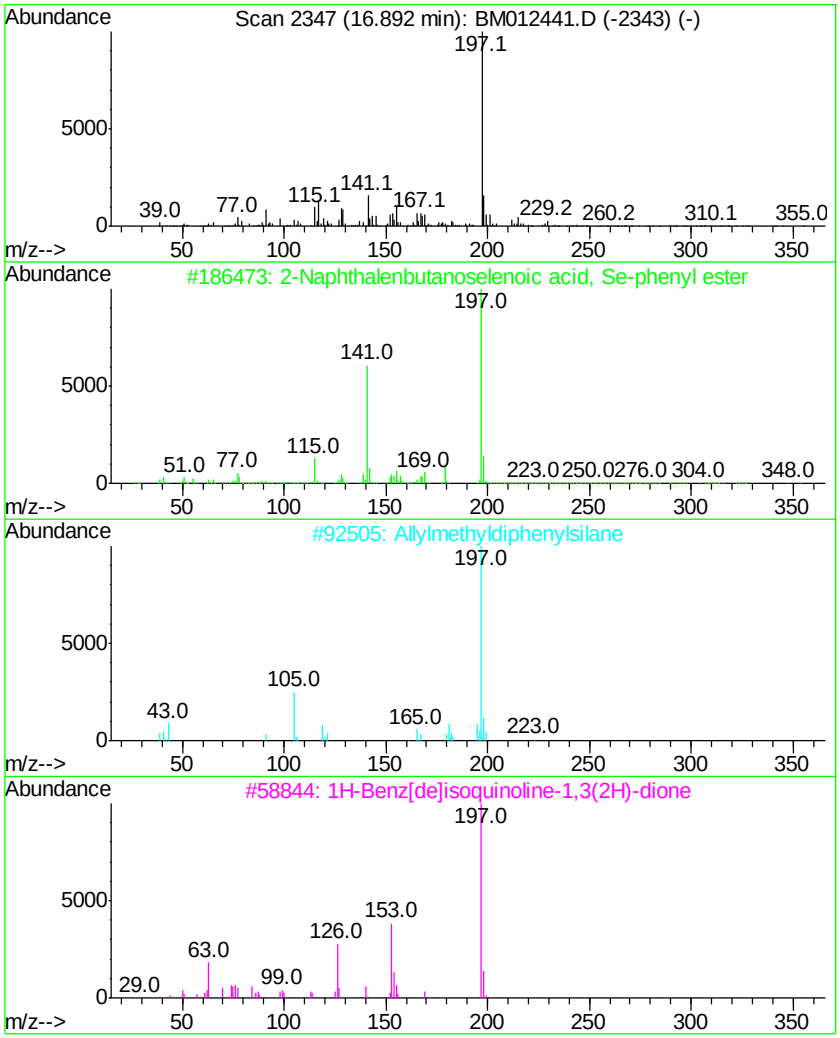
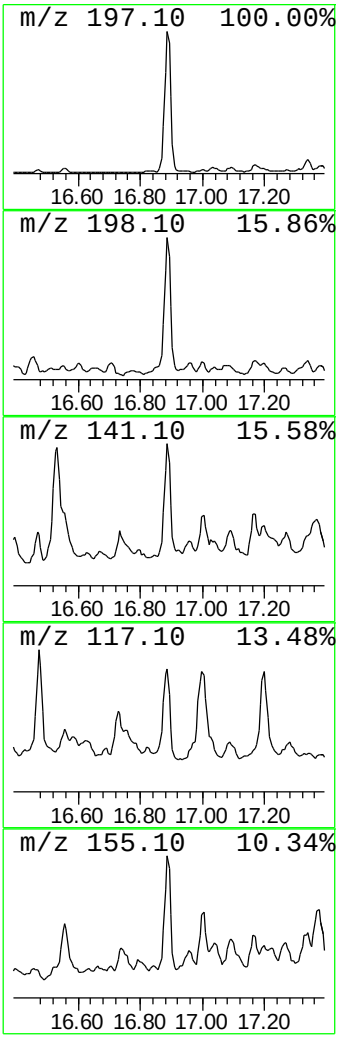
Peak Number 23 2-Naphthalenbutanoselenoic ... Concentration Rank 79

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.35 ng/ul	9401080	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenbutanoselenoic acid,...	354	C20H18OSe	1000197-35-3	50
2	Allylmethyldiphenylsilane	238	C16H18Si	017922-43-9	47
3	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	47
4	1H-Benz[de]isoquinoline-1,3(2H)-...	197	C12H7NO2	000081-83-4	47
5	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	43





Library Search Compound Report

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Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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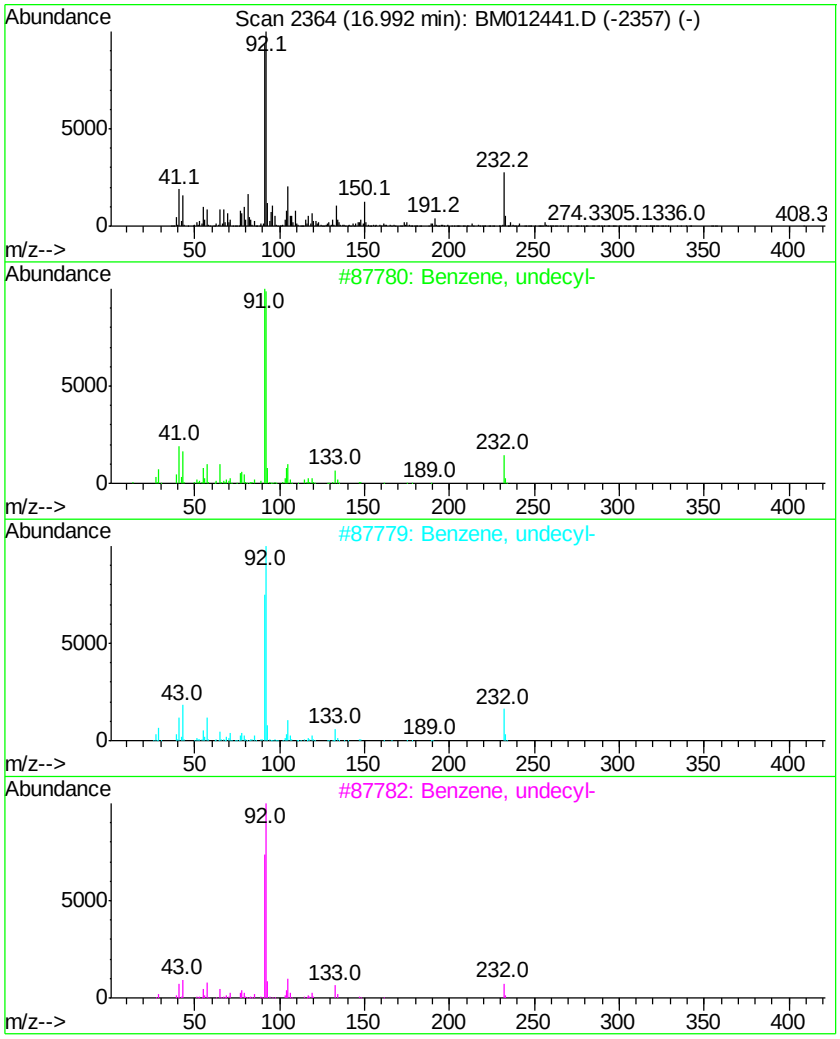
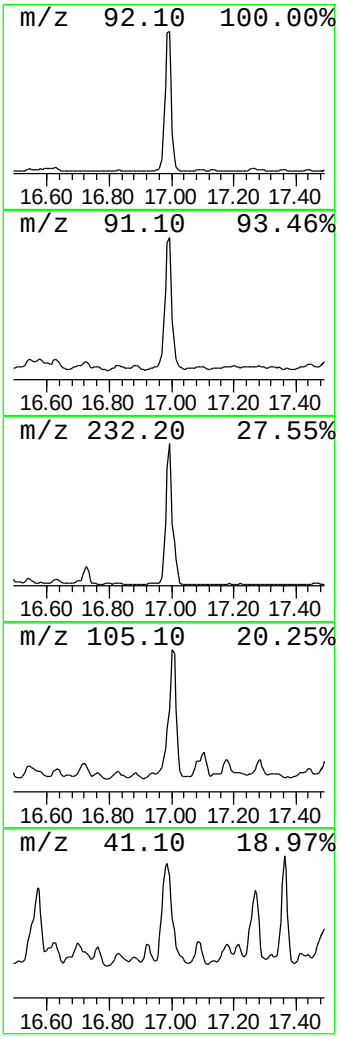
Peak Number 24 Benzene, undecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	56.38 ng/ul	121768000	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, undecyl-	232	C17H28	006742-54-7	93
2	Benzene, undecyl-	232	C17H28	006742-54-7	86
3	Benzene, undecyl-	232	C17H28	006742-54-7	70
4	Benzene, octyl-	190	C14H22	002189-60-8	46
5	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	43





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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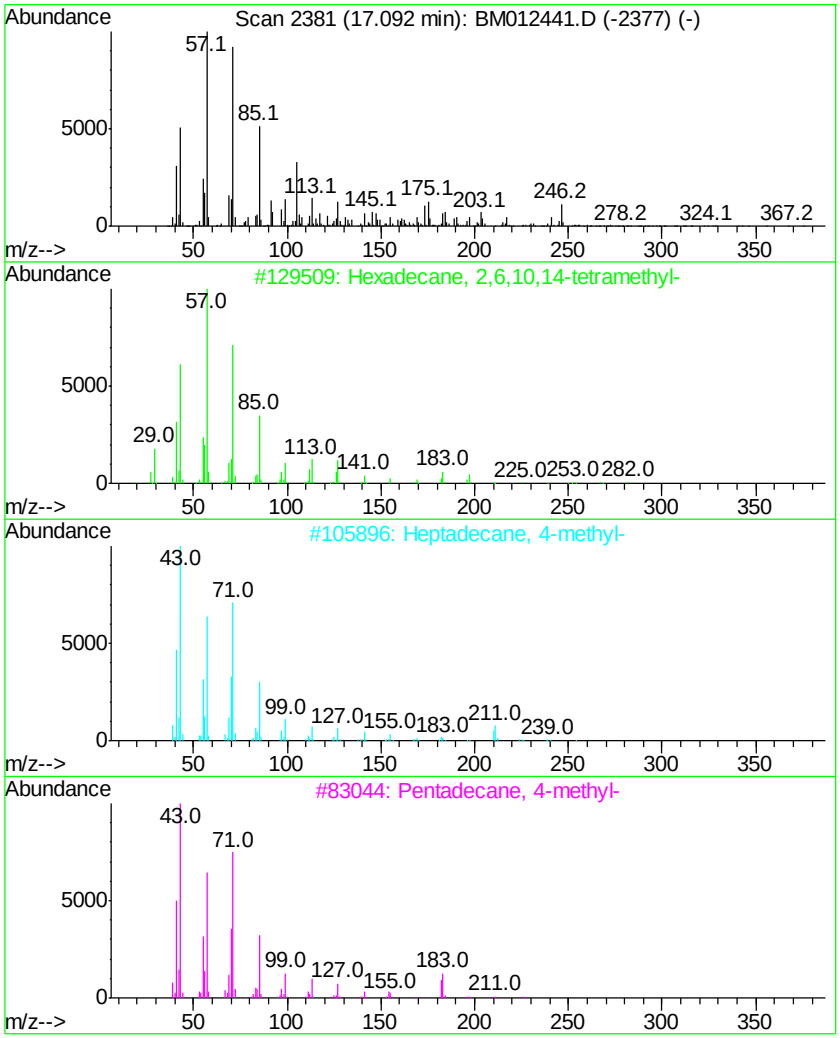
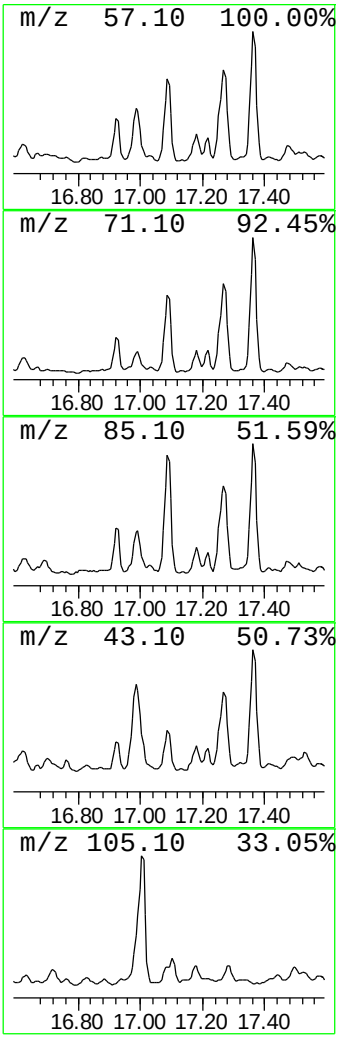
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	6.40 ng/ul	13816500	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	86
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	Eicosane	282	C20H42	000112-95-8	64





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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

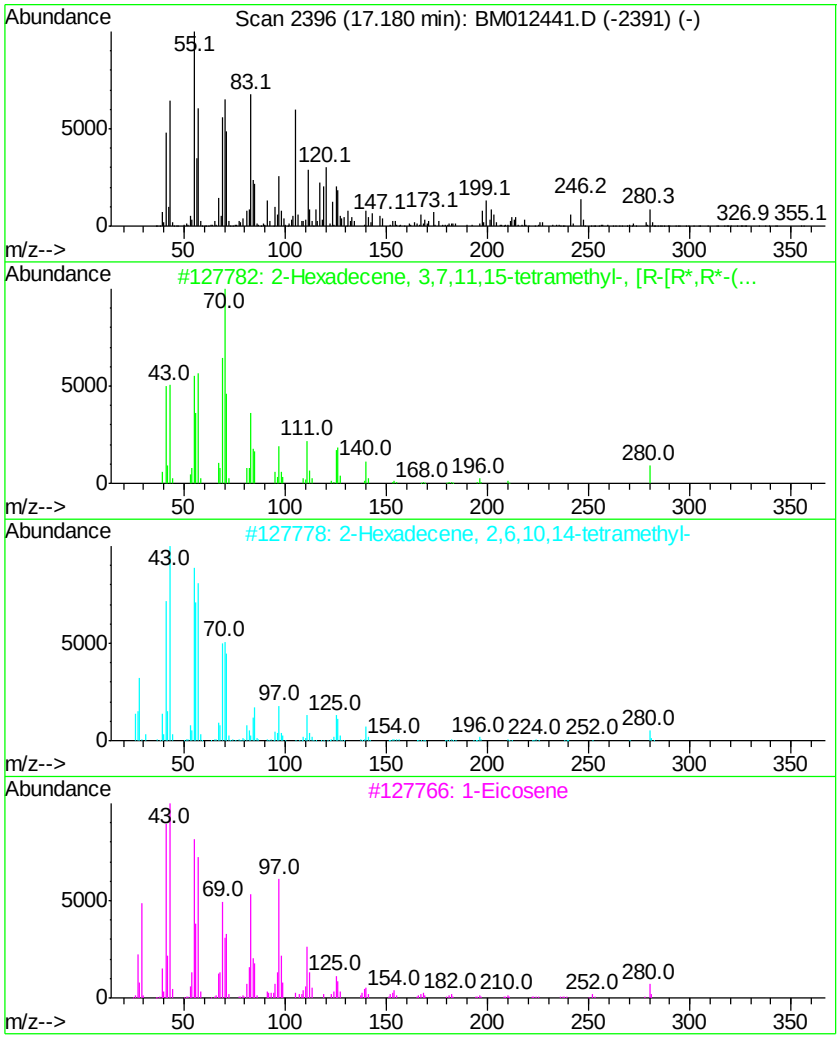
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

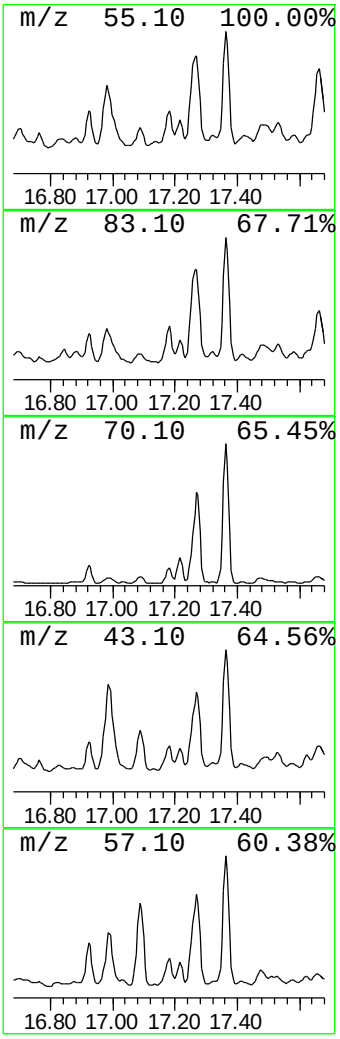
****

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	6.98 ng/ul	15081400	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexadecene, 3,7,11,15-tetramet...	280	C20H40	014237-73-1	70
2	2-Hexadecene, 2,6,10,14-tetramet...	280	C20H40	056554-34-8	55
3	1-Eicosene	280	C20H40	003452-07-1	43
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	43
5	7-Tetradecene, (E)-	196	C14H28	041446-63-3	41





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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

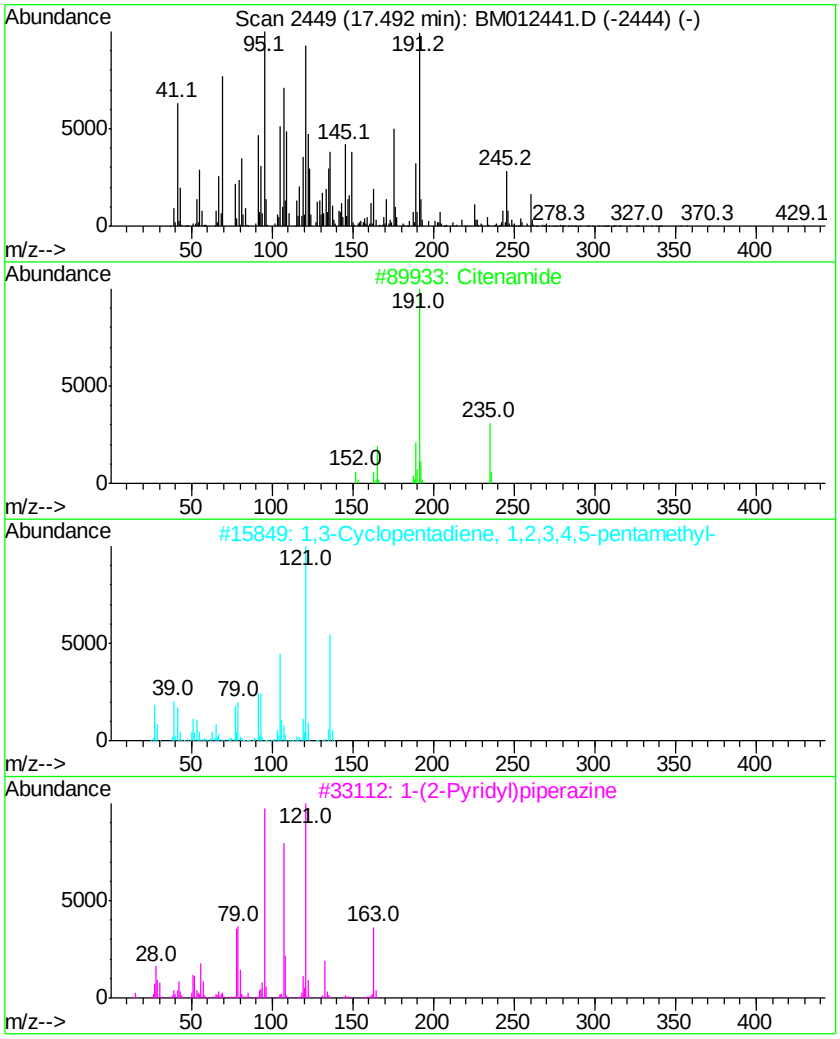
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

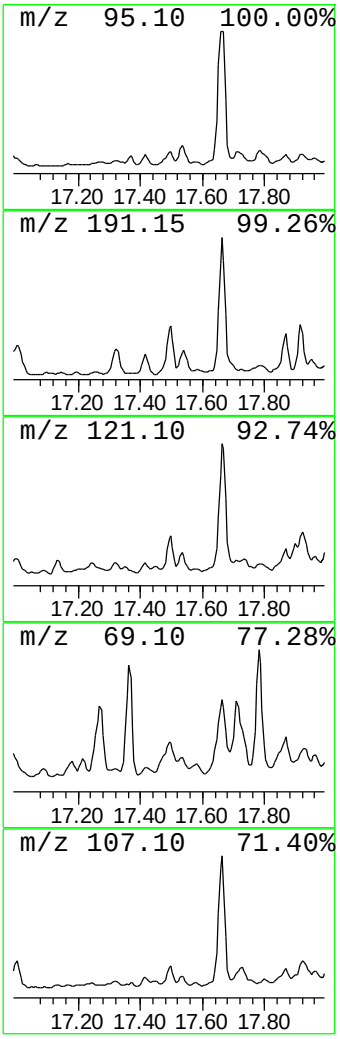
****

Peak Number 27 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	11.26 ng/ul	24323500	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citenamide	235	C16H13NO	010423-37-7	43
2	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	25
3	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	18
4	2,4,6-Octatriene, 3,4-dimethyl-	136	C10H16	057396-75-5	15
5	3-Oxabicyclo[3.3.1]non-6-ene, 6,...	260	C18H28O	1000277-01-0	15





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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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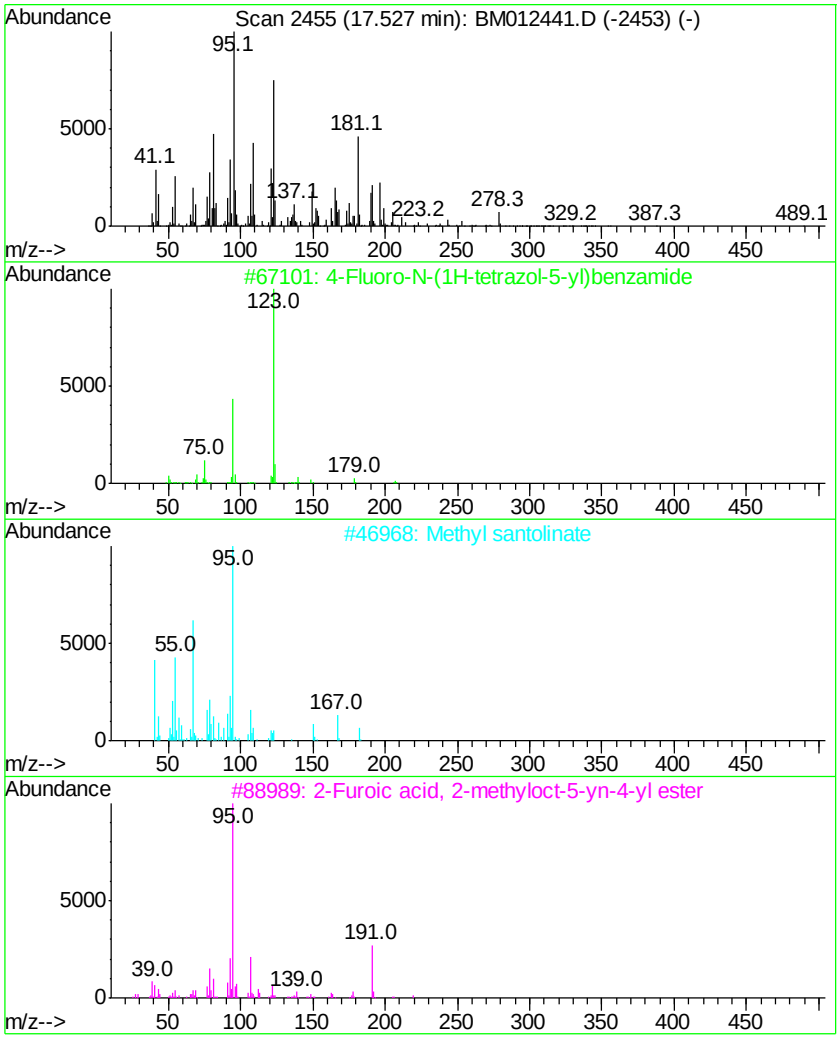
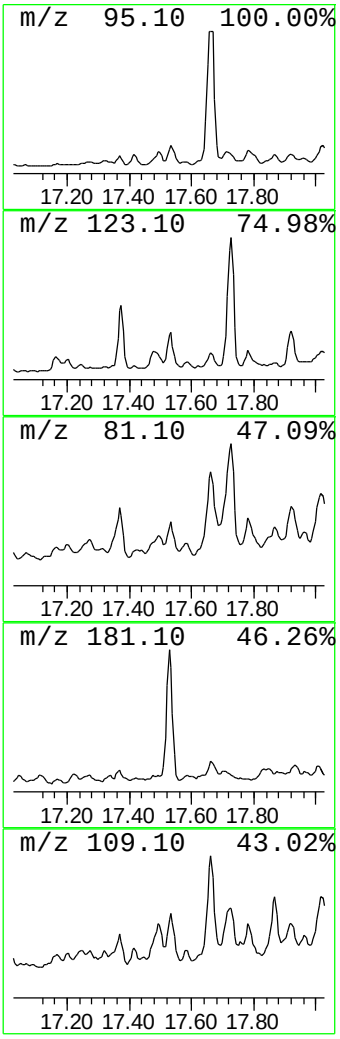
Peak Number 28 unknown-04 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	7.73 ng/ul	16690700	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207	C8H6FN5O	1000306-76-6	38
2	Methyl santolinate	182	C11H18O2	053163-37-4	35
3	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	35
4	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	35
5	2-Furancarboxylic acid, morpholide	181	C9H11NO3	1000307-03-3	27





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Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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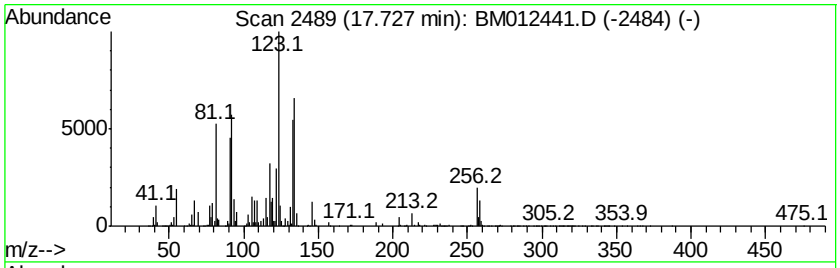
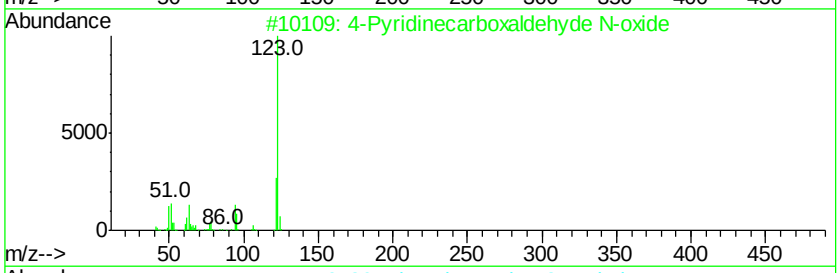
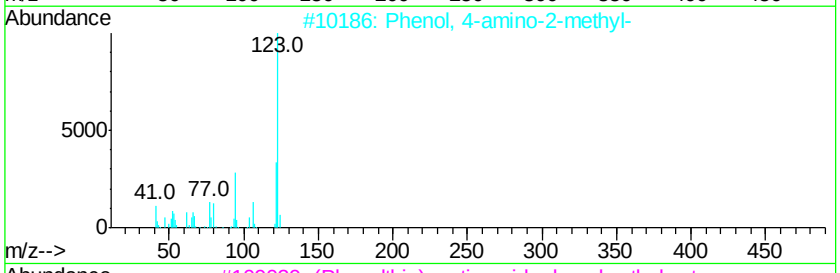
Peak Number 29 unknown-05 Concentration Rank 28

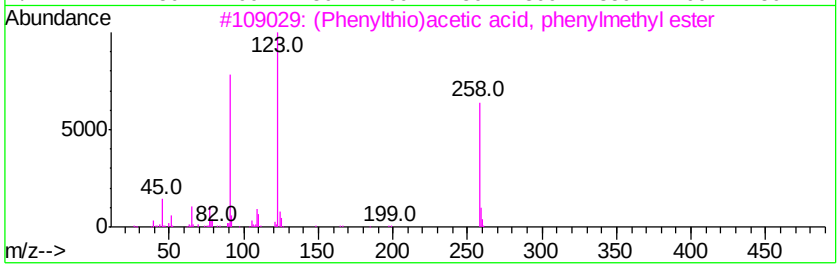
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	21.38 ng/ul	46179500	Phenanthrene-d10	17.26

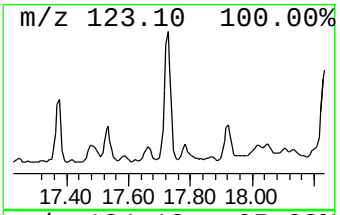
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinecarboxaldehyde N-oxide	123	C6H5NO2	007216-42-4	22
2	Phenol, 4-amino-2-methyl-	123	C7H9NO	002835-96-3	22
3	(Phenylthio)acetic acid, phenylm...	258	C15H14O2S	1000308-33-8	18
4	Benzaldehyde, 2-ethyl-	134	C9H10O	022927-13-5	18
5	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	15

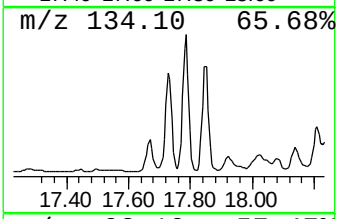


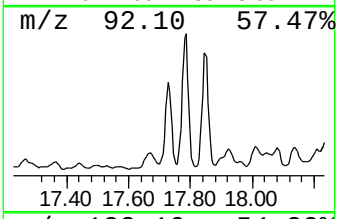


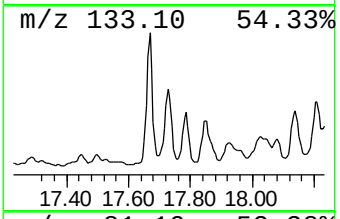


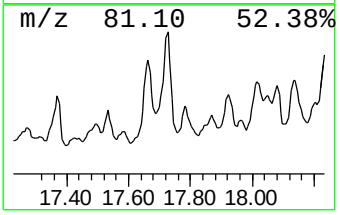












Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

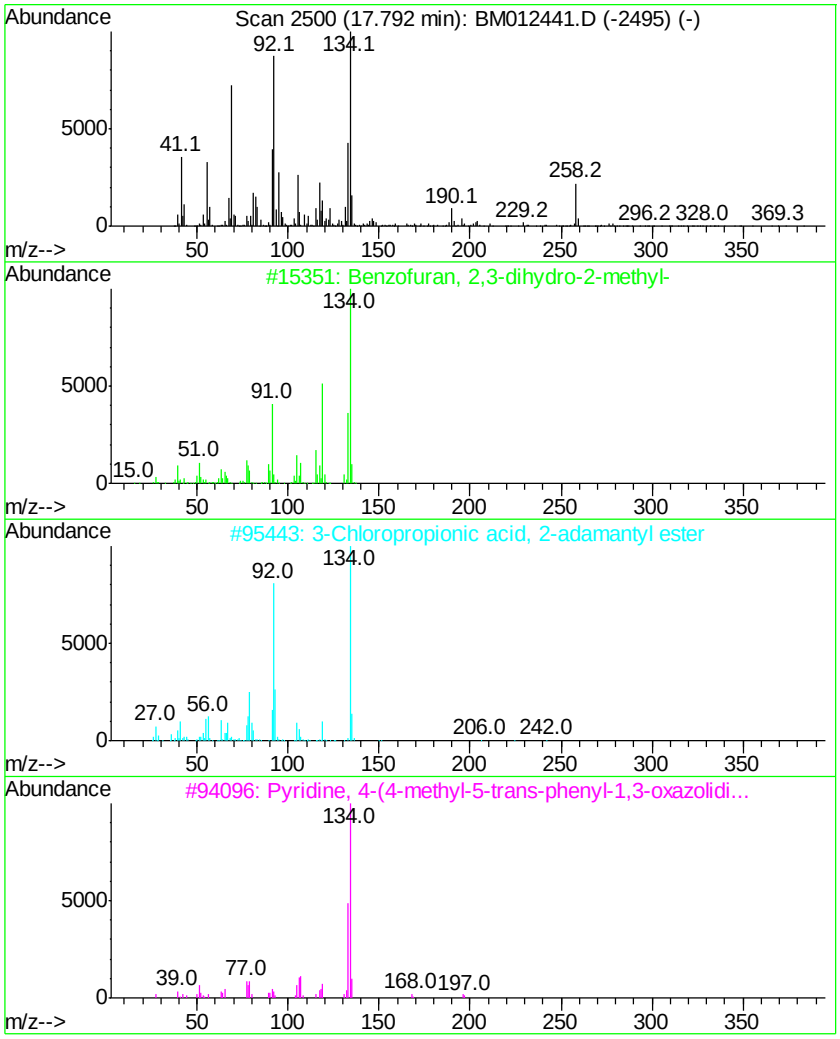
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

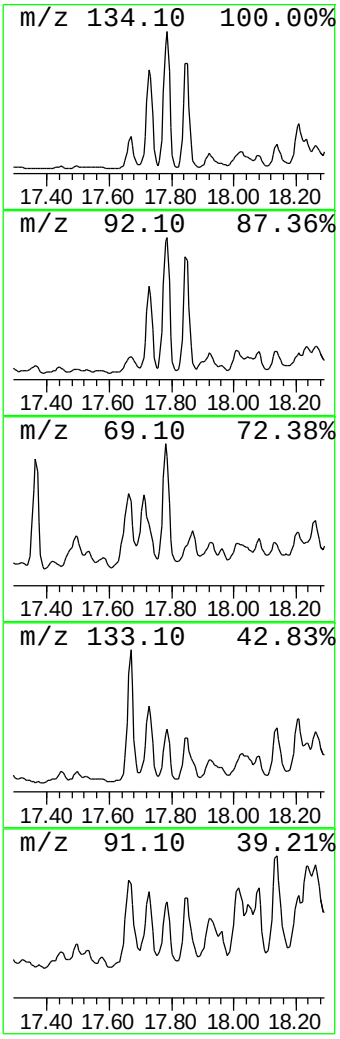
****

Peak Number 30 unknown-06 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	15.63 ng/ul	33748300	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	38
2	3-Chloropropionic acid, 2-adaman...	242	C13H19ClO2	1000283-04-5	35
3	Pyridine, 4-(4-methyl-5-trans-ph...	240	C15H16N2O	1000142-75-4	27
4	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	22
5	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	14





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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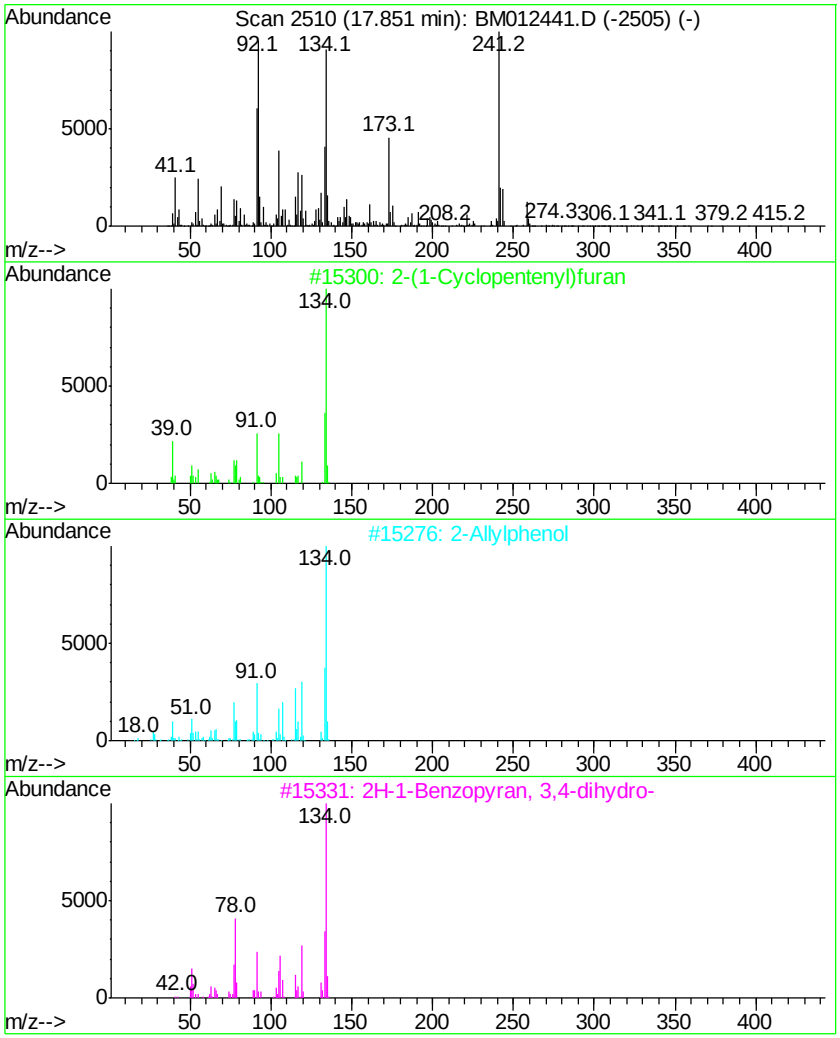
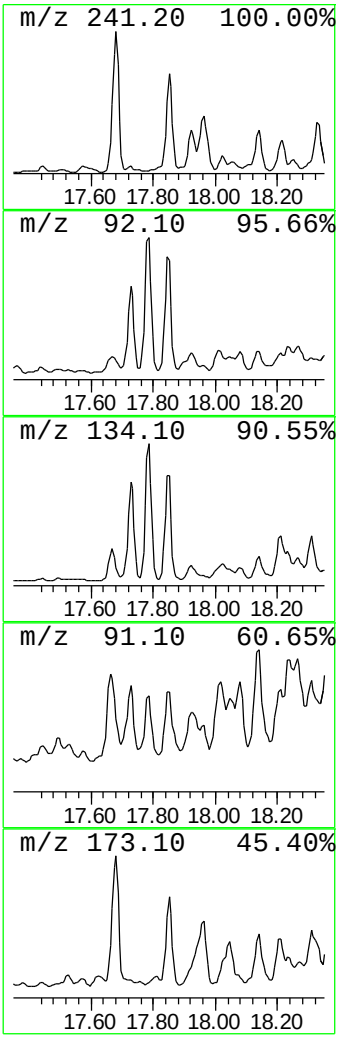
Peak Number 31 unknown-07 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	22.42 ng/ul	48417100	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	25
2	2-Allylphenol	134	C9H10O	001745-81-9	25
3	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	25
4	3-(4-Isopropoxyphenyl)-3-methylp...	247	C14H17NO3	055755-85-6	22
5	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	20





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Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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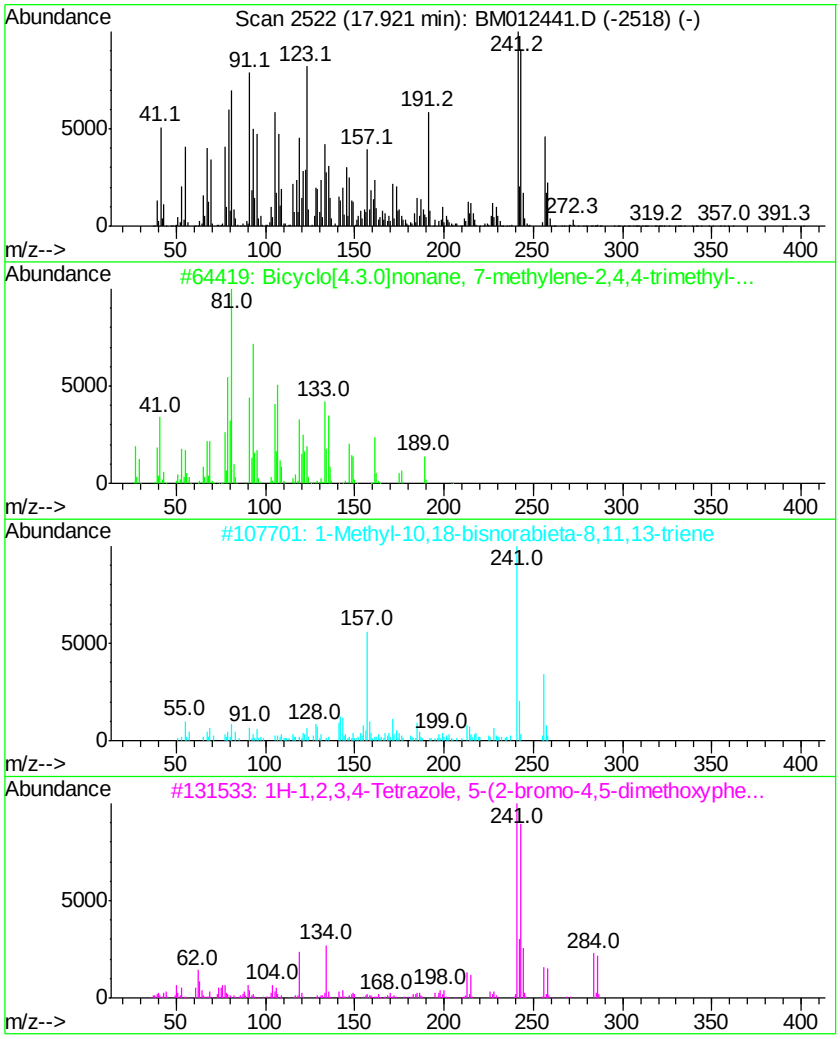
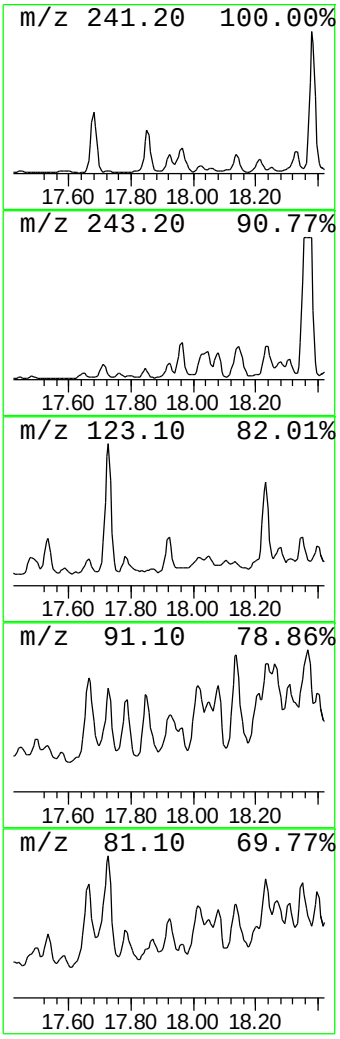
Peak Number 32 unknown-08 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	15.83 ng/ul	34189700	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	41
2	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	35
3	1H-1,2,3,4-Tetrazole, 5-(2-bromo...	284	C9H9BrN4O2	1000350-09-8	27
4	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	27
5	Bisphenol C	256	C17H20O2	000079-97-0	18





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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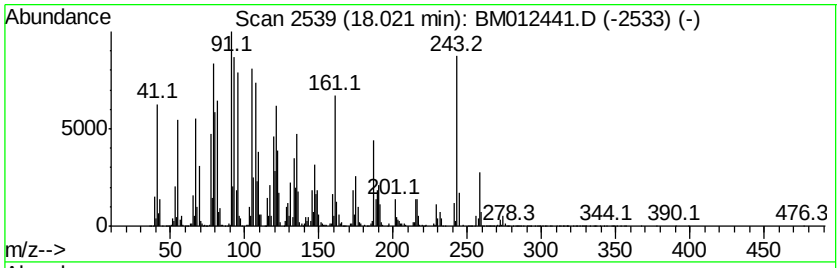
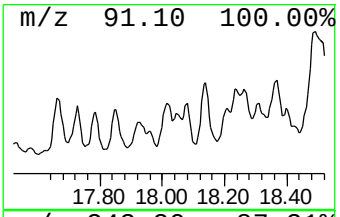
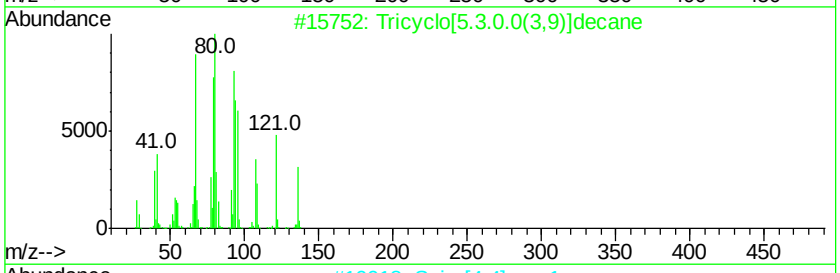
Peak Number 33 Tricyclo[5.3.0.0(3,9)]decane Concentration Rank 25

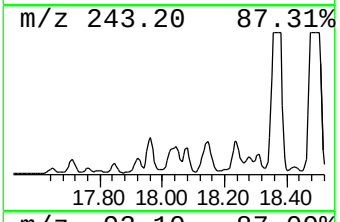
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	25.40 ng/ul	54863200	Phenanthrene-d10	17.26

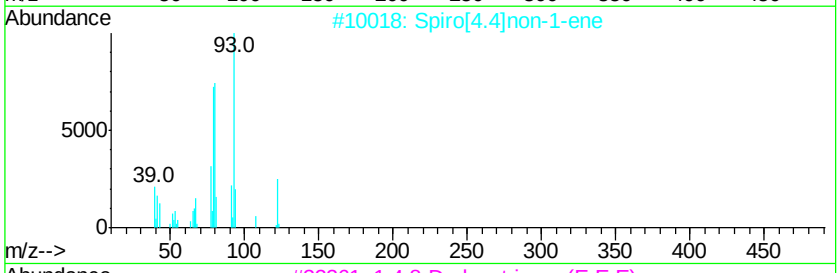
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[5.3.0.0(3,9)]decane	136	C10H16	053130-27-1	64
2	Spiro[4.4]non-1-ene	122	C9H14	000873-12-1	62
3	1,4,8-Dodecatriene, (E,E,E)-	162	C12H18	024252-85-5	55
4	1-(Adamantyl)cyclohexene	216	C16H24	078053-16-4	53
5	3-Penten-1-yne, 3-methyl-	80	C6H8	001574-33-0	46

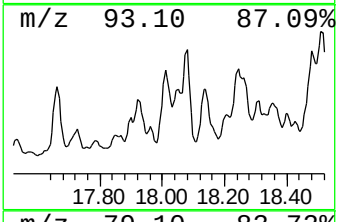


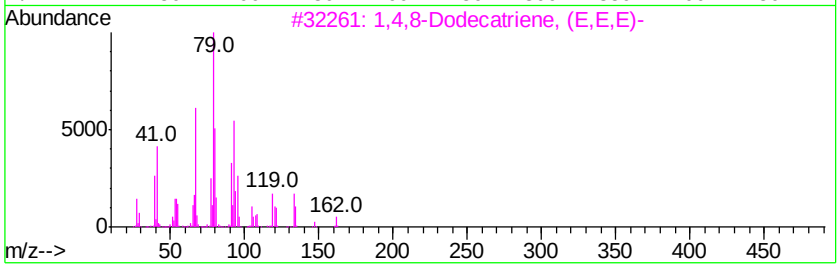


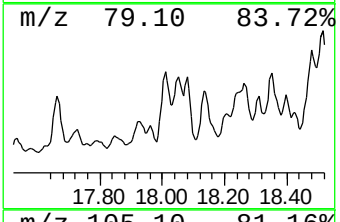


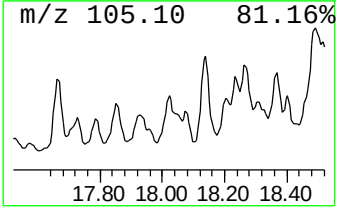












Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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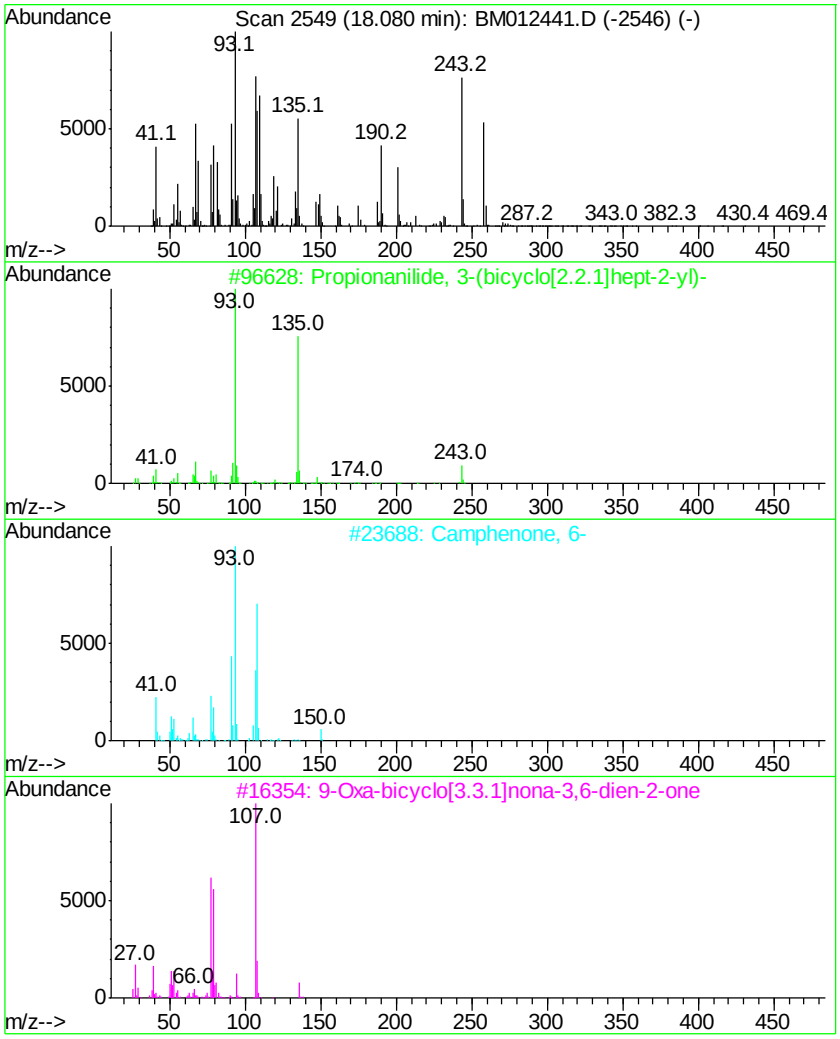
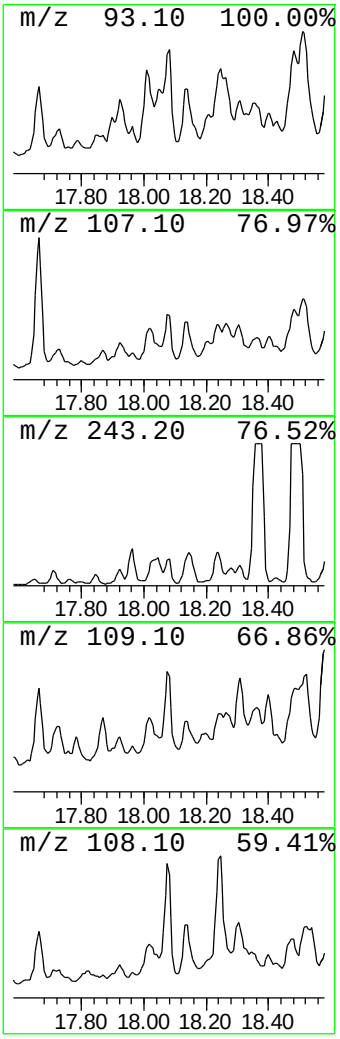
Peak Number 34 unknown-09 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	16.30 ng/ul	35199400	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propionanilide, 3-(bicyclo[2.2.1...	243	C16H21NO	1000158-00-8	35
2	Camphenone, 6-	150	C10H14O	055659-42-2	18
3	9-Oxa-bicyclo[3.3.1]nona-3,6-die...	136	C8H8O2	075568-53-5	15
4	6-Acetyl-5-methoxy-2,7-dimethyl-...	258	C15H14O4	000960-64-5	11
5	2-Aminochrysene	243	C18H13N	000789-47-9	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

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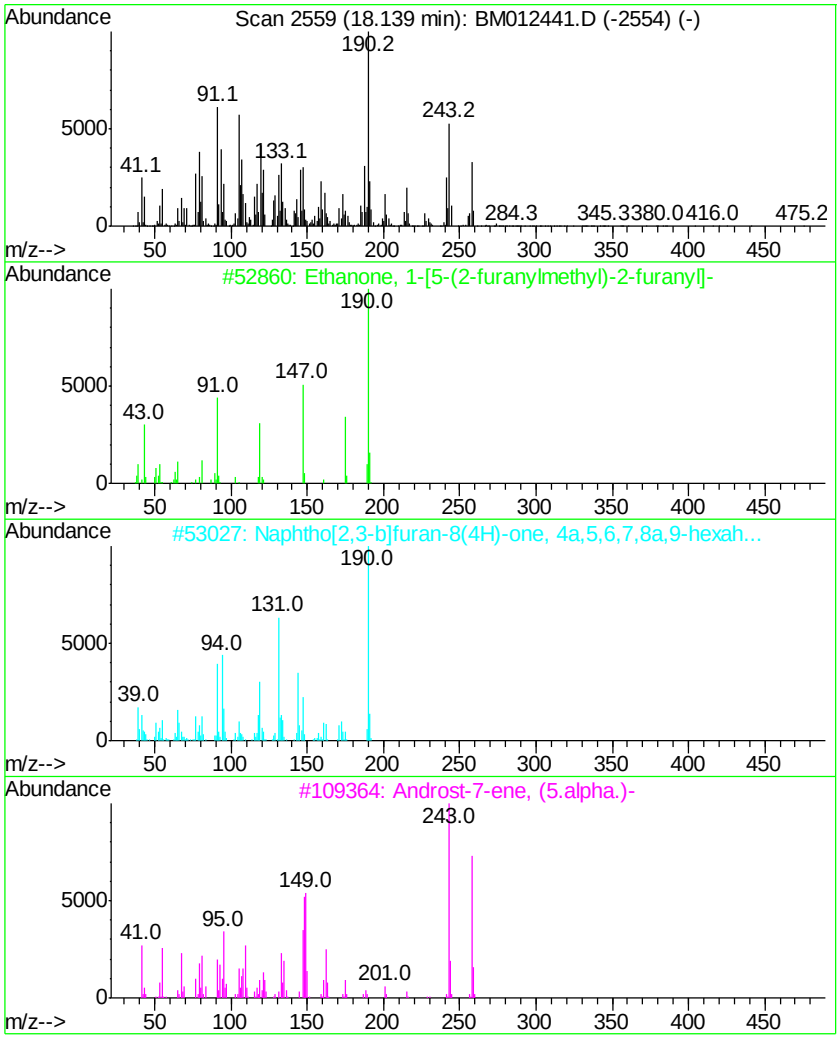
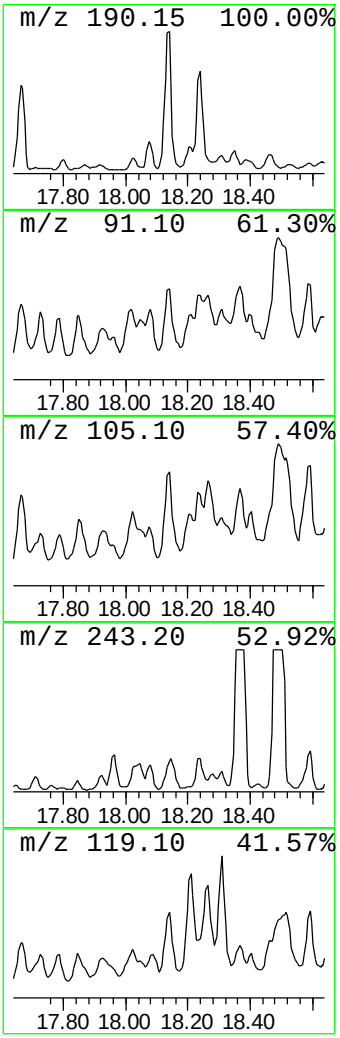
Peak Number 35 unknown-10 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	37.75 ng/ul	81539000	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
2	Naphtho[2,3-b]furan-8(4H)-one, 4...	190	C12H14O2	1000221-38-2	38
3	Androst-7-ene, (5.alpha.)-	258	C19H30	054411-76-6	25
4	Isoindole-1,3,5-trione, perhydro...	243	C14H13NO3	197162-90-6	25
5	Cyclohepta[cd][2]benzothiophene,...	190	C12H14S	199807-57-3	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012441.D
Acq On : 25 Oct 2017 12:27
Operator : SJ/JU
Sample : I5693-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-33(3.5-4.5)-100417RE

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Phenol, p-tert-bu...	12.02	20.0	ng/ul	11159500	2	10.67	11159500	20.0
2-Pentanone, 4-me...	12.70	4.5	ng/ul	10443700	3	14.52	46412800	20.0
Benzene, heptyl-	13.03	5.2	ng/ul	12118700	3	14.52	46412800	20.0
Copaene	13.29	15.9	ng/ul	36971100	3	14.52	46412800	20.0
Phenol, 4-(1,1-di...	13.36	6.1	ng/ul	14155500	3	14.52	46412800	20.0
unknown-01	13.40	5.1	ng/ul	11759000	3	14.52	46412800	20.0
Benzene, 1,4-dime...	14.05	8.4	ng/ul	19419000	3	14.52	46412800	20.0
4(1H)-Pteridinone...	14.41	13.8	ng/ul	32054000	3	14.52	46412800	20.0
1,1,4,5,6-pentame...	14.81	5.0	ng/ul	11507500	3	14.52	46412800	20.0
4-isopropyl-1,6-d...	14.84	19.6	ng/ul	45377300	3	14.52	46412800	20.0
(DEL) Alkane: Cyc...	15.05	8.8	ng/ul	20336600	3	14.52	46412800	20.0
Benzene, nonyl-	15.22	20.7	ng/ul	48094600	3	14.52	46412800	20.0
1-Cyclohexyl-2-cy...	15.69	13.1	ng/ul	30285700	3	14.52	46412800	20.0
(DEL) Alkane: Str...	15.79	5.2	ng/ul	12148000	3	14.52	46412800	20.0
unknown-02	15.97	4.8	ng/ul	10403300	4	17.26	43195500	20.0
Benzene, decyl-	16.14	15.4	ng/ul	33364000	4	17.26	43195500	20.0
Naphthalene, 1,6-...	16.24	10.8	ng/ul	23215200	4	17.26	43195500	20.0
Heptane, 2,6-diph...	16.31	4.3	ng/ul	9225850	4	17.26	43195500	20.0
2-Amino-5-isoprop...	16.40	6.6	ng/ul	14210100	4	17.26	43195500	20.0
(DEL) Alkane: Cyc...	16.47	36.4	ng/ul	78510300	4	17.26	43195500	20.0
2,4-Dimethylfuran	16.57	31.0	ng/ul	66942400	4	17.26	43195500	20.0
1H-Imidazole, 2-e...	16.76	4.5	ng/ul	9820290	4	17.26	43195500	20.0
2-Naphthalenbutan...	16.89	4.3	ng/ul	9401080	4	17.26	43195500	20.0
Benzene, undecyl-	16.99	56.4	ng/ul	121768000	4	17.26	43195500	20.0
(DEL) Alkane: Str...	17.09	6.4	ng/ul	13816500	4	17.26	43195500	20.0
(DEL) Alkane: Str...	17.18	7.0	ng/ul	15081400	4	17.26	43195500	20.0
unknown-03	17.49	11.3	ng/ul	24323500	4	17.26	43195500	20.0
unknown-04	17.53	7.7	ng/ul	16690700	4	17.26	43195500	20.0
unknown-05	17.73	21.4	ng/ul	46179500	4	17.26	43195500	20.0
unknown-06	17.79	15.6	ng/ul	33748300	4	17.26	43195500	20.0
unknown-07	17.85	22.4	ng/ul	48417100	4	17.26	43195500	20.0
unknown-08	17.92	15.8	ng/ul	34189700	4	17.26	43195500	20.0
Tricyclo[5.3.0.0(...	18.02	25.4	ng/ul	54863200	4	17.26	43195500	20.0
unknown-09	18.08	16.3	ng/ul	35199400	4	17.26	43195500	20.0
unknown-10	18.14	37.8	ng/ul	81539000	4	17.26	43195500	20.0