LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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-BM042517.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	4.987	318	323	332	rBV	466780	724882	1.12%	0.140%
2	6.922	645	652	658	rVB	1162374	1860148	2.88%	0.358%
3	6.992	658	664	673	rBV	433920	769159	1.19%	0.148%
4	7.340	717	723	734	rVB	463764	821943	1.27%	0.158%
5	7.804	796	802	808	rVB	604188	978676	1.51%	0.188%
6	7.928	814	823	833	rBV10	206933	781341	1.21%	0.150%
7	8.334	879	892	902	rBV	1500775	2544366	3.94%	0.490%
8	8.534	916	926	936	rBV4	857068	1851901	2.86%	0.356%
9	8.975	994	1001	1007	rVV2	579394	1016516	1.57%	0.196%
10	9.692	1118	1123	1130	rVB3	448311	781667	1.21%	0.150%
11	10.239	1208	1216	1222	rBV2	505550	1168904	1.81%	0.225%
12	10.551	1262	1269	1273	rBV3	542020	1085459	1.68%	0.209%
13	10.604	1273	1278	1283	rVB	776638	1269761	1.96%	0.244%
14	10.722	1291	1298	1301	rBV	383069	709597	1.10%	0.137%
15	11.057	1349	1355	1362	rBV	2496611	3941451	6.10%	0.759%
16	11.245	1380	1387	1394	rBV	1033876	1837360	2.84%	0.354%
17	11.586	1436	1445	1449	rBV	969105	1653935	2.56%	0.318%
18	11.769	1471	1476	1482	rVB2	1281872	2171488	3.36%	0.418%
19	11.857	1483	1491	1496	rBV	4109531	6213179	9.61%	1.196%
20	11.916	1496	1501	1505	rVB	765427	1167418	1.81%	0.225%
21	11.992	1509	1514	1519	rBV	1278509	1766557	2.73%	0.340%
22	12.316	1564	1569	1579	rVB3	1038177	1739048	2.69%	0.335%
23	12.416	1579	1586	1590	rBV4	332764	743102	1.15%	0.143%
24	12.486	1590	1598	1604	rVB9	279040	757197	1.17%	0.146%
25	12.869	1657	1663	1668	rVB2	2018111	3118615	4.82%	0.600%
26	12.957	1668	1678	1684	rVB2	2937505	5567723	8.61%	1.072%
27	13.086	1696	1700	1706	rVB5	451156	743217	1.15%	0.143%
28	13.233	1716	1725	1730	rVV	1832862	3077490	4.76%	0.592%
29	13.298	1733	1736	1739	rVV	588203	911294	1.41%	0.175%
30	13.333	1739	1742	1746	rVV3	539755	940204	1.45%	0.181%
31	13.763	1810	1815	1820	rVB4	992701	1593439	2.46%	0.307%
32	13.827	1821	1826	1829	rBV	984928	1608402	2.49%	0.310%
33	13.869	1829	1833	1835	rVV2	1252610	1967274	3.04%	0.379%
34	13.904	1835	1839	1844	rVB	3866100	5221867	8.08%	1.005%

LSC Area Percent Report

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Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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-BM042517.M
Title : SVOA CALIBRATION

35	14.151	1877	1881	1884	rBV	920645	1416404	2.19%	0.273%
36	14.192	1884	1888	1892	rVV	3534100	4851007	7.50%	0.934%
37	14.274	1896	1902	1906	rVB2	1121585	1912209	2.96%	0.368%
38	14.404	1919	1924	1929	rBV	2349201	3900102	6.03%	0.751%
39	14.463	1930	1934	1941	rVB2	1289248	2186688	3.38%	0.421%
40	14.768	1976	1986	1991	rBV2	4185166	6722023	10.40%	1.294%
41	14.821	1991	1995	1999	rBV3	708547	1192795	1.85%	0.230%
42	14.863	1999	2002	2008	rVB6	473990	817178	1.26%	0.157%
43	14.933	2010	2014	2021	rVB3	1301276	2328284	3.60%	0.448%
44	14.992	2021	2024	2030	rVB5	479161	676489	1.05%	0.130%
45	15.080	2034	2039	2044	rBV3	1051695	2204880	3.41%	0.424%
46	15.227	2057	2064	2070	rBV	1734776	3001157	4.64%	0.578%
47	15.480	2099	2107	2116	rVB4	3621746	7286146	11.27%	1.402%
48	15.686	2137	2142	2146	rVB	4500783	6240850	9.65%	1.201%
49	15.774	2154	2157	2165	rVB6	605264	1026103	1.59%	0.198%
50	15.915	2176	2181	2190	rBV10	843847	1612796	2.49%	0.310%
51	16.027	2195	2200	2205	rBV	4074352	5956977	9.21%	1.147%
52	16.080	2205	2209	2213	rVB2	1239066	1728007	2.67%	0.333%
53	16.168	2216	2224	2230	rBV	16627000	25308249	39.15%	4.871%
54	16.321	2245	2250	2259	rVV	3553391	6010750	9.30%	1.157%
55	16.474	2272	2276	2279	rBV3	740945	1024957	1.59%	0.197%
56	16.527	2279	2285	2289	rVV	4795647	8669445	13.41%	1.669%
57	16.568	2289	2292	2296	rVB2	1650204	2131811	3.30%	0.410%
58	16.645	2302	2305	2310	rVB2	786796	995892	1.54%	0.192%
59	16.721	2315	2318	2326	rBV8	514098	1258737	1.95%	0.242%
60	16.915	2348	2351	2358	rVV4	979491	1670812	2.58%	0.322%
61	16.992	2358	2364	2371	rVB	13194035	19186377	29.68%	3.693%
62	17.098	2380	2382	2386	rVB3	774628	854450	1.32%	0.164%
63	17.215	2399	2402	2407	rVB2	1356276	1936372	3.00%	0.373%
64	17.274	2407	2412	2415	rVB	2098914	2954752	4.57%	0.569%
65	17.315	2415	2419	2424	rBV	1725023	2288835	3.54%	0.441%
66	17.374	2425	2429	2433	rBV2	1901942	3437072	5.32%	0.662%
67	17.592	2462	2466	2470	rBV	2298499	3082394	4.77%	0.593%
68	17.674	2476	2480	2485	rBV2	1736871	2696760	4.17%	0.519%
69	17.851	2508	2510	2516	rVB6	653843	949781	1.47%	0.183%
70	18.015	2531	2538	2543	rBV4	2212191	6422223	9.93%	1.236%
71	18.239	2571	2576	2582	rVB2	3714440	5779318	8.94%	1.112%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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-BM042517.M
Title : SVOA CALIBRATION

72	18.504	2617	2621	2626	rBV2	2209526	2929580	4.53%	0.564%
73	19.045	2708	2713	2717	rVB	6187898	8116573	12.55%	1.562%
74	19.162	2730	2733	2736	rBV	1177432	1638393	2.53%	0.315%
75	19.268	2748	2751	2754	rVB3	1509629	1817707	2.81%	0.350%
76	19.315	2755	2759	2768	rBV4	1287352	2719266	4.21%	0.523%
77	19.551	2795	2799	2803	rBV2	4572698	5788950	8.95%	1.114%
78	19.621	2808	2811	2813	rVB2	1392735	1676896	2.59%	0.323%
79	19.833	2839	2847	2851	rVB4	3953624	8268557	12.79%	1.592%
80	20.409	2942	2945	2951	rVB4	1353701	1860166	2.88%	0.358%
81	20.480	2955	2957	2960	rVV	1512962	1592572	2.46%	0.307%
82	21.086	3056	3060	3066	rVB3	4347848	6445319	9.97%	1.241%
83	21.797	3178	3181	3185	rBV3	2289229	3313623	5.13%	0.638%
84	23.180	3413	3416	3421	rVB2	2225134	3033998	4.69%	0.584%
85	23.544	3472	3478	3480	rBV3	3344011	7447738	11.52%	1.434%
86	23.856	3524	3531	3535	rBV	11080717	22783854	35.24%	4.385%
87	23.903	3535	3539	3547	rVB	6458276	11113893	17.19%	2.139%
88	24.033	3558	3561	3567	rVB3	3174968	5347229	8.27%	1.029%
89	24.456	3627	3633	3640	rVB	6954249	15590015	24.11%	3.001%
90	24.791	3681	3690	3709	rVB2	19539846	51951595	80.36%	10.000%
91	25.197	3753	3759	3777	rVB3	6499527	18250553	28.23%	3.513%
92	25.485	3798	3808	3824	rVB	23716870	64649711	100.00%	12.444%
93	25.862	3864	3872	3884	rVB2	8228514	23265365	35.99%	4.478%
94	26.379	3953	3960	3970	rVB2	4352789	12142462	18.78%	2.337%
95	26.497	3974	3980	3989	rVB3	3128222	8627671	13.35%	1.661%
96	26.891	4042	4047	4065	rVB2	4882001	14337593	22.18%	2.760%

Sum of corrected areas: 519532941

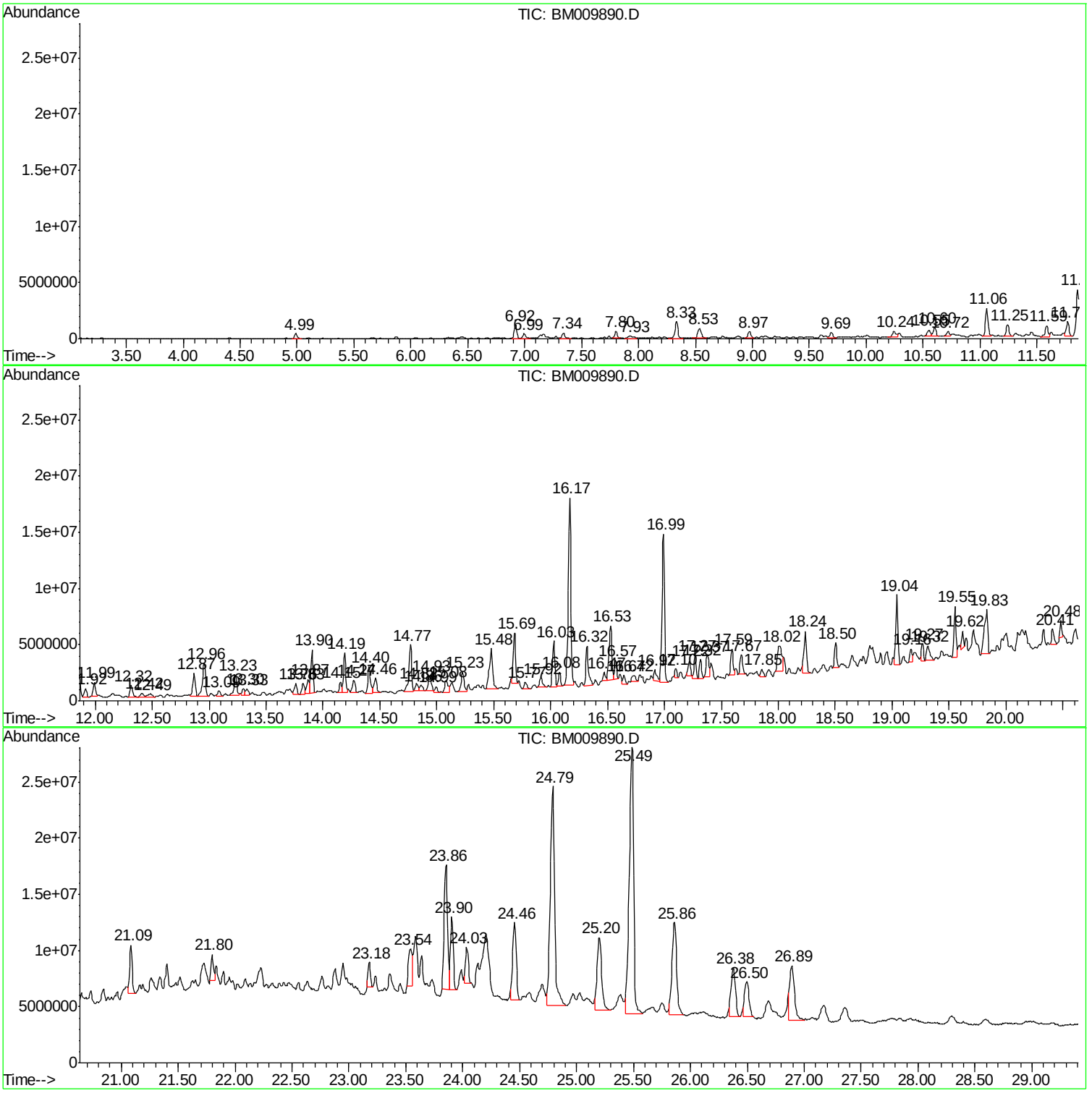
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

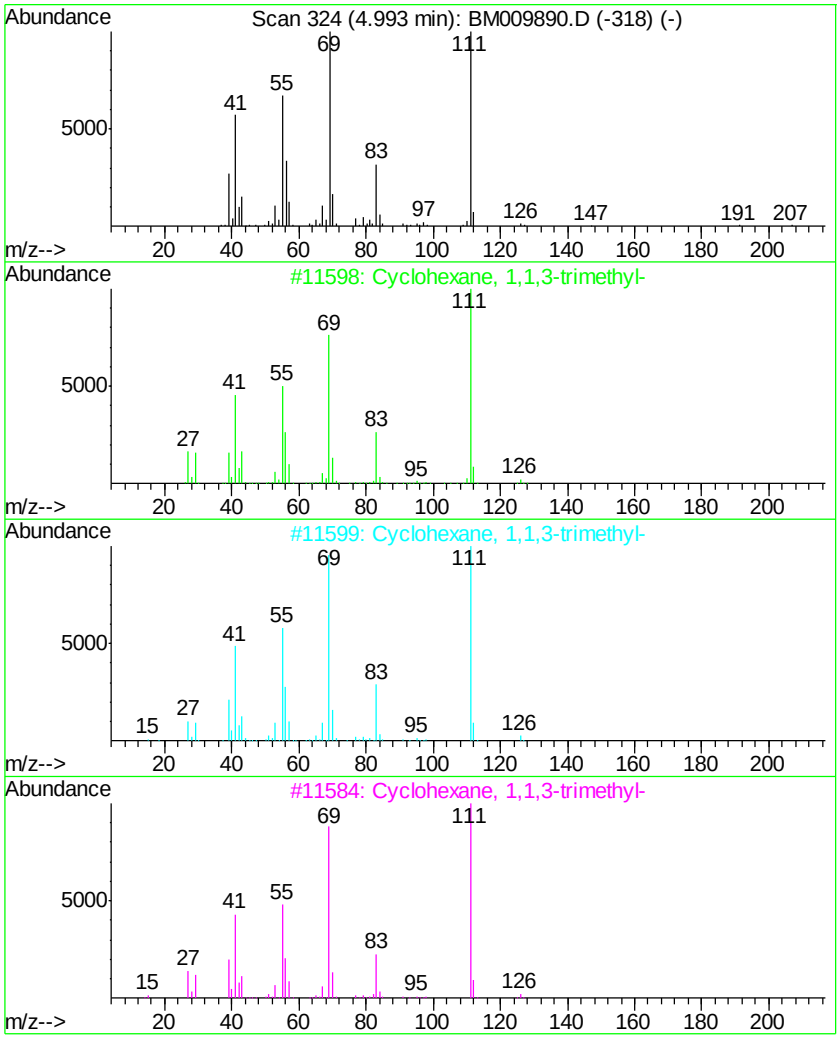
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

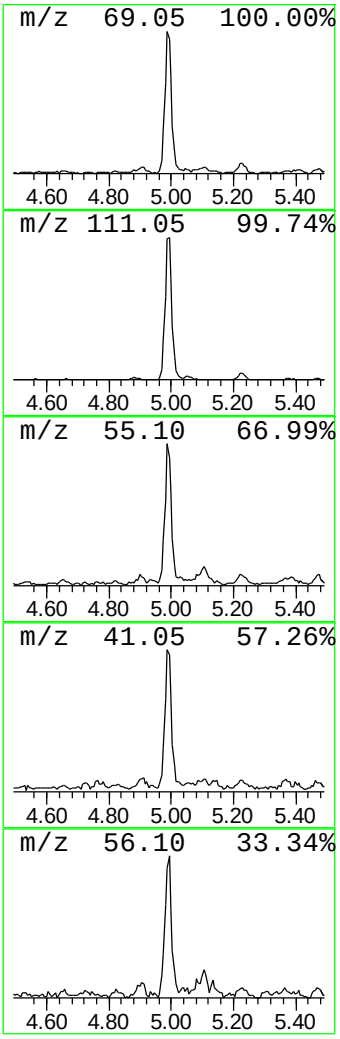
****

Peak Number 1 (DEL) Alkane: Cyclic4.99 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	14.81 ng/ul	724882	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

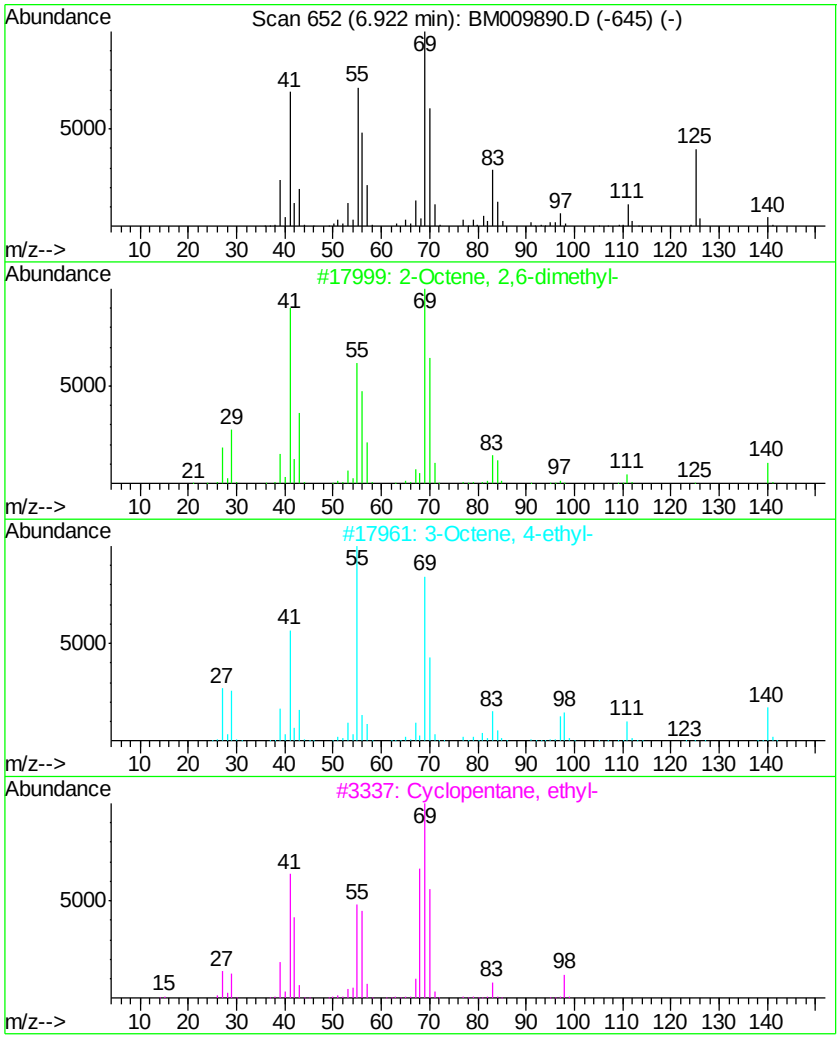
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

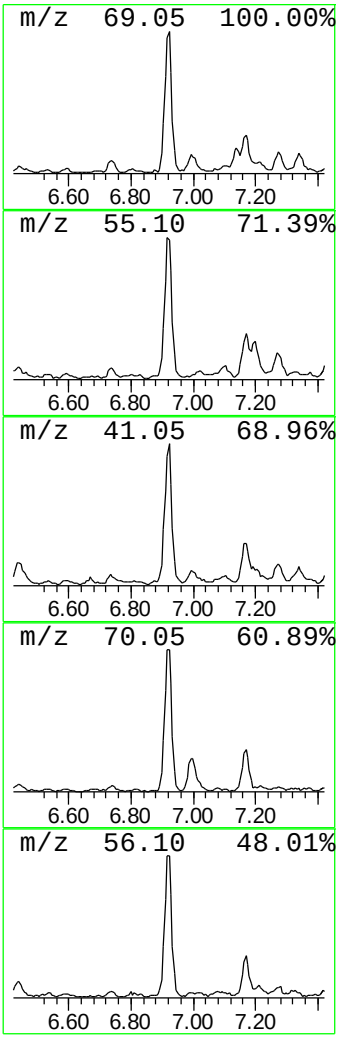
****

Peak Number 2 (DEL) Alkane: Cyclic6.92 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	38.01 ng/ul	1860150	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
2	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	58
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	50
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	46
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

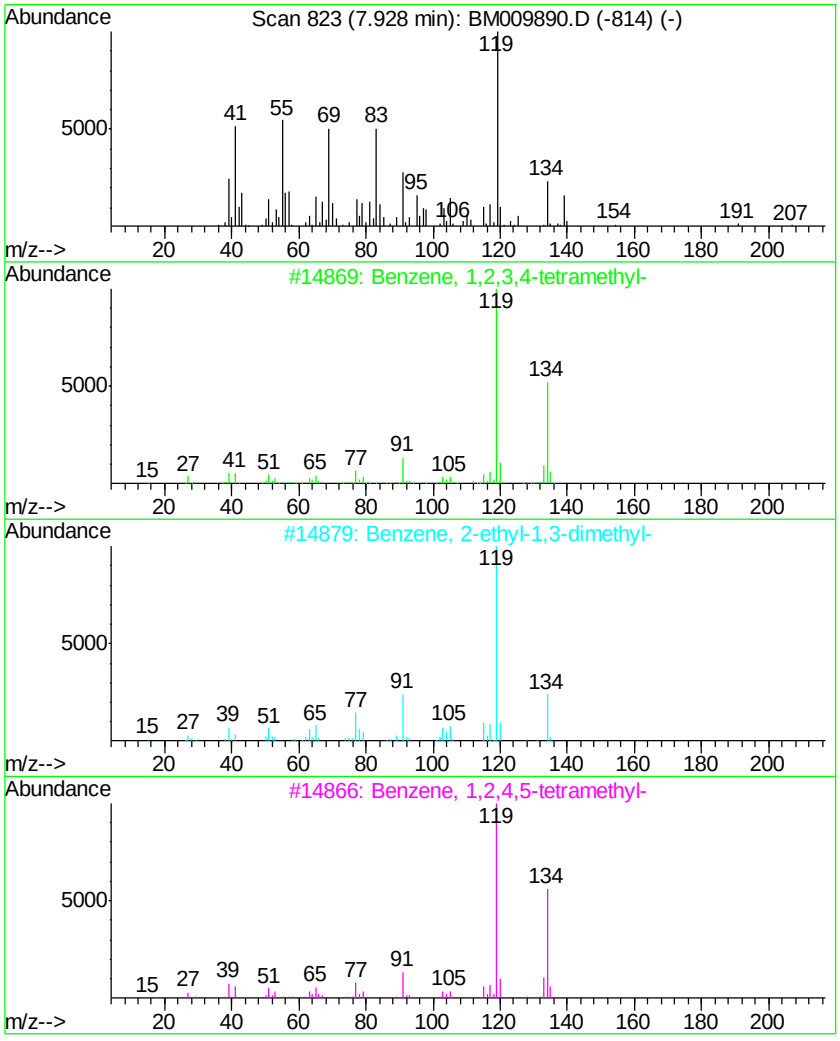
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

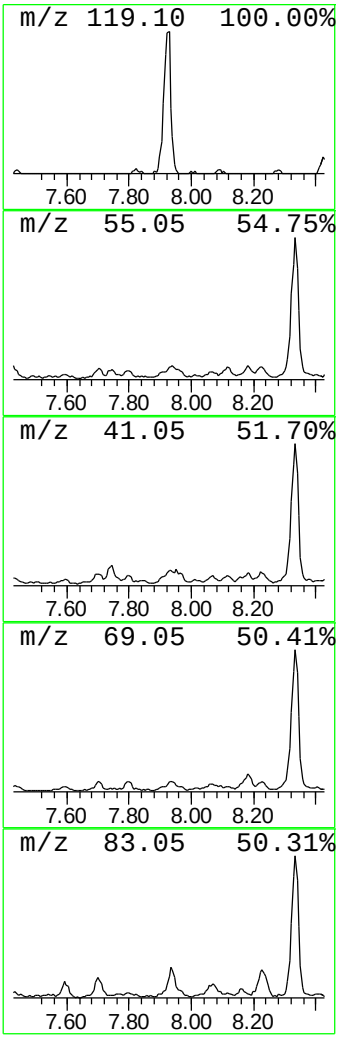
****

Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	15.97 ng/ul	781341	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

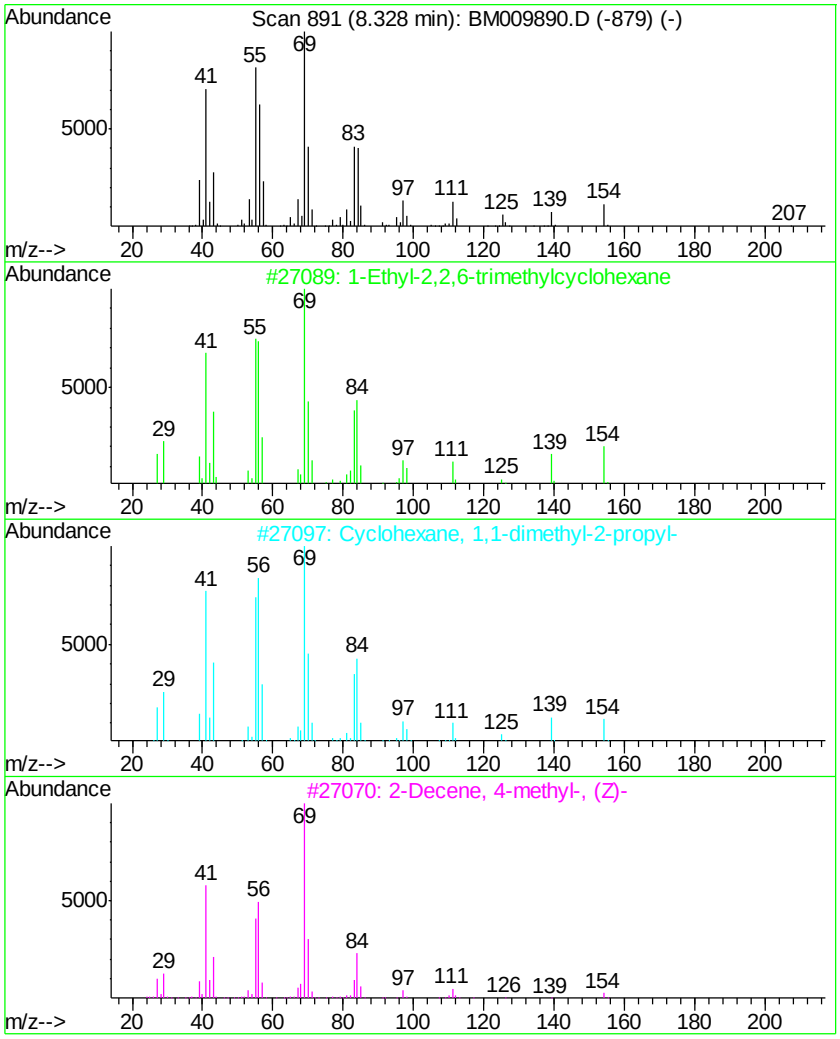
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

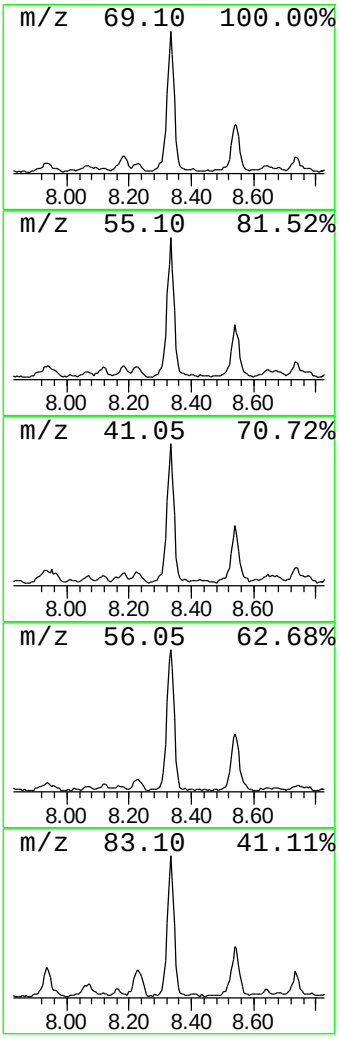
****

Peak Number 4 (DEL) Alkane: Cyclic8.33 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	52.00 ng/ul	2544370	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	94
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	92
3	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	64
4	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	55
5	4-Decene, 2-methyl-, (Z)-	154	C11H22	055499-07-5	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

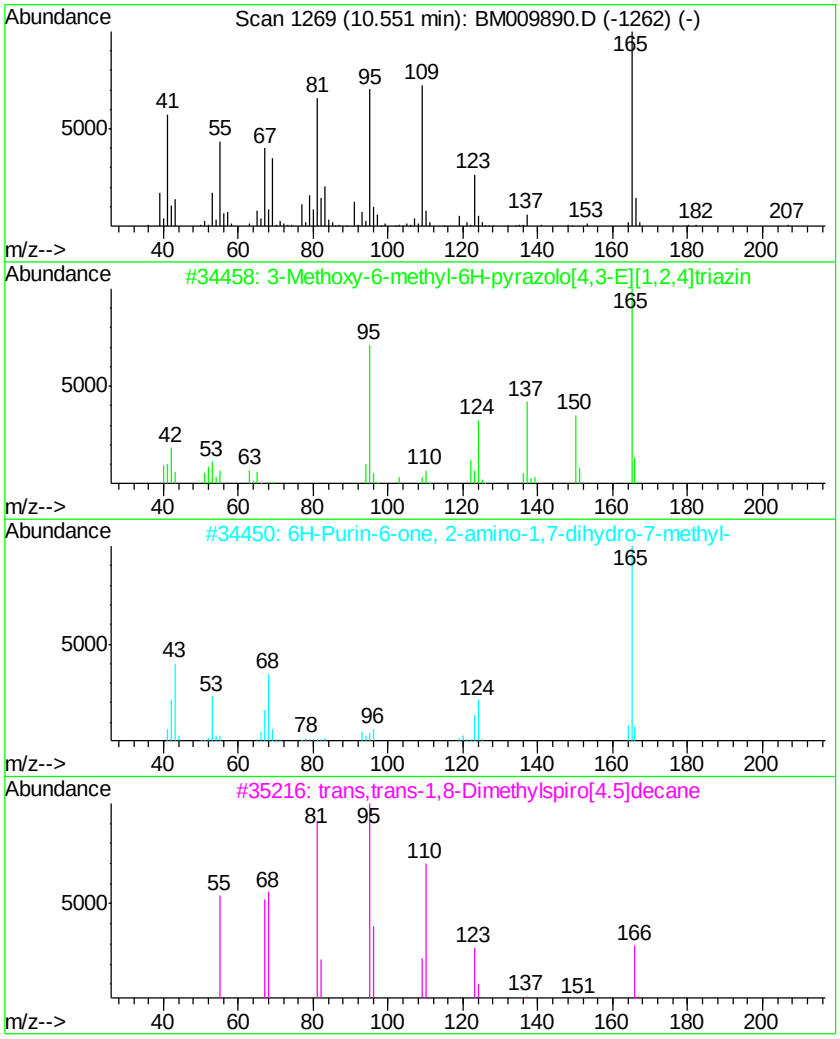
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

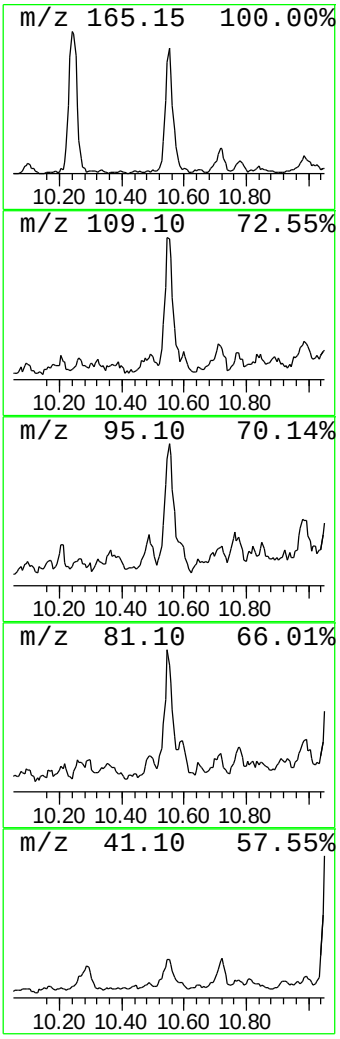
****

Peak Number 5 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	17.10 ng/ul	1085460	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	43
2	6H-Purin-6-one, 2-amino-1,7-dihy...	165	C6H7N5O	000578-76-7	35
3	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	30
4	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	30
5	4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	27





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Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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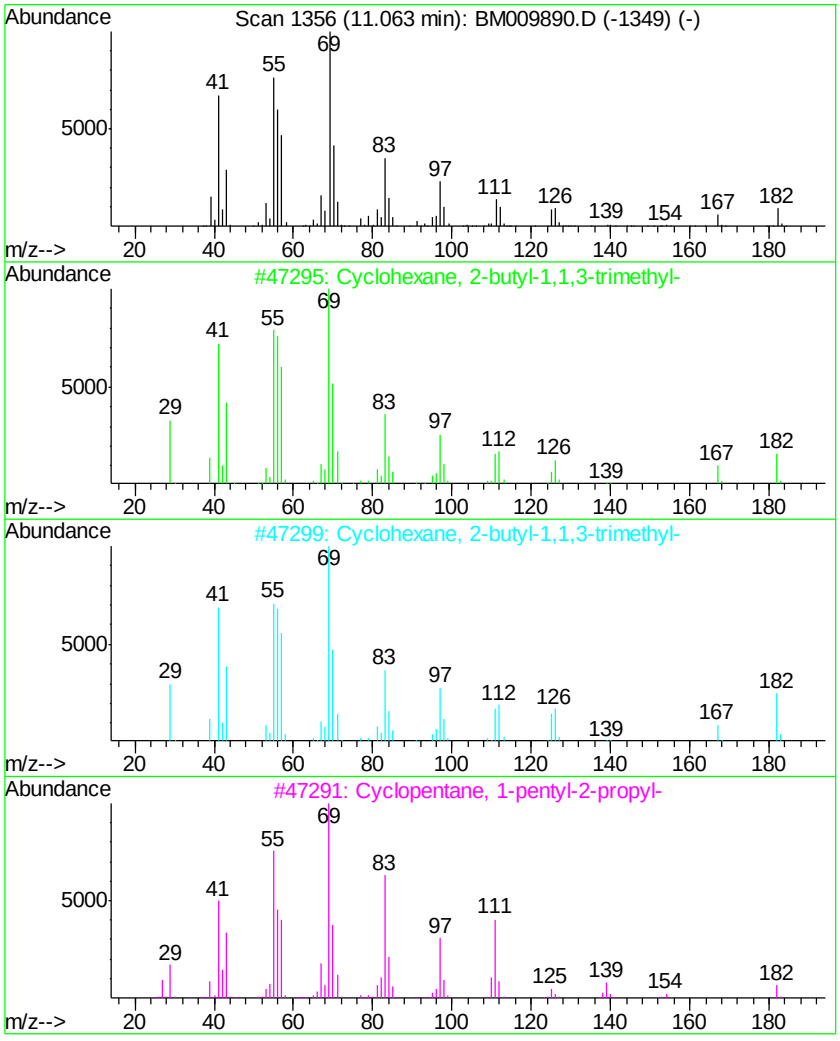
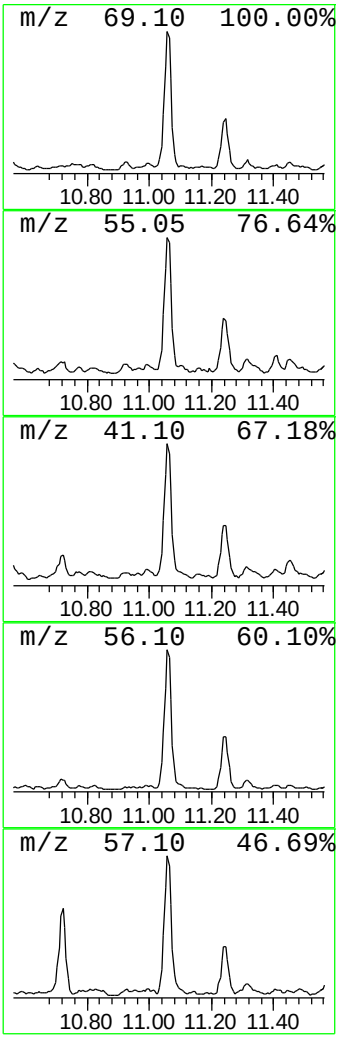
Peak Number 6 (DEL) Alkane: Cyclic11.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	62.08 ng/ul	3941450	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	98
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	97
3	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	64
4	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	64
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	64





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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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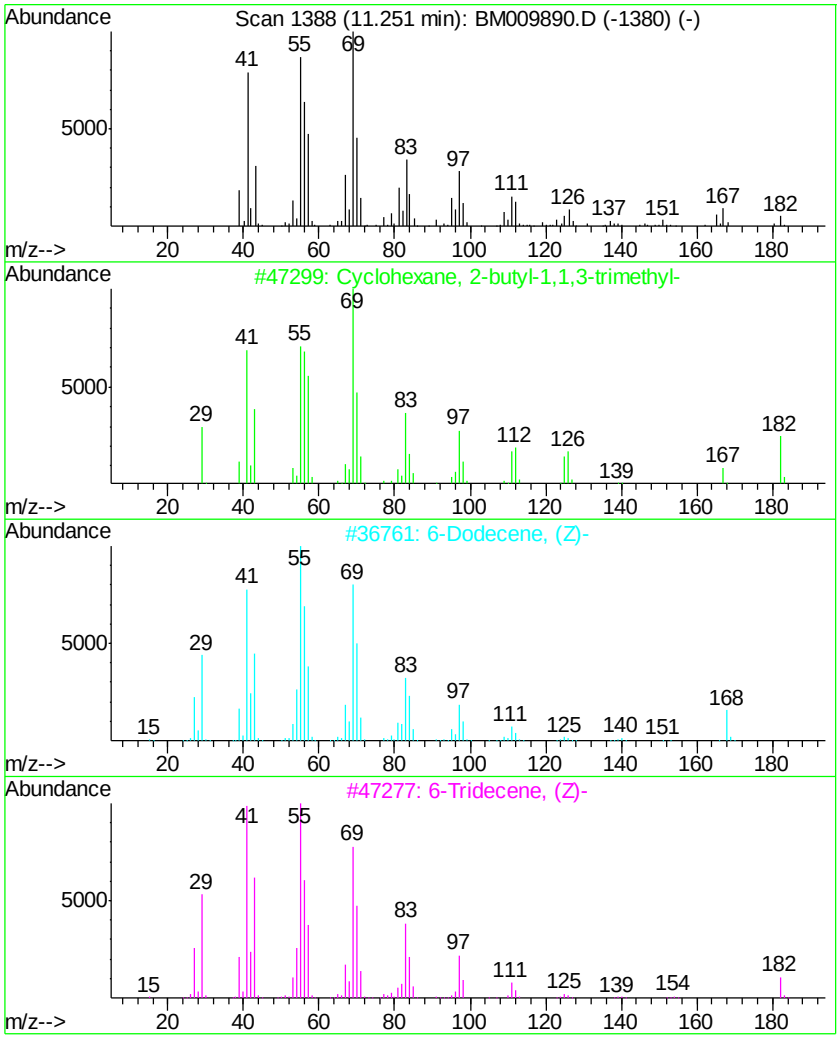
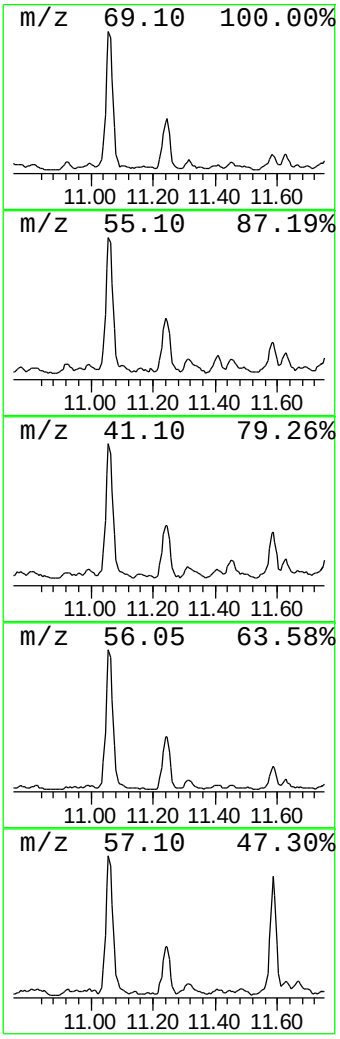
Peak Number 7 (DEL) Alkane: Cyclic11.25 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	28.94 ng/ul	1837360	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
2	6-Dodecene, (Z)-	168	C12H24	007206-29-3	87
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	80
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	74
5	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	72





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Quant Title : SVOA CALIBRATION

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

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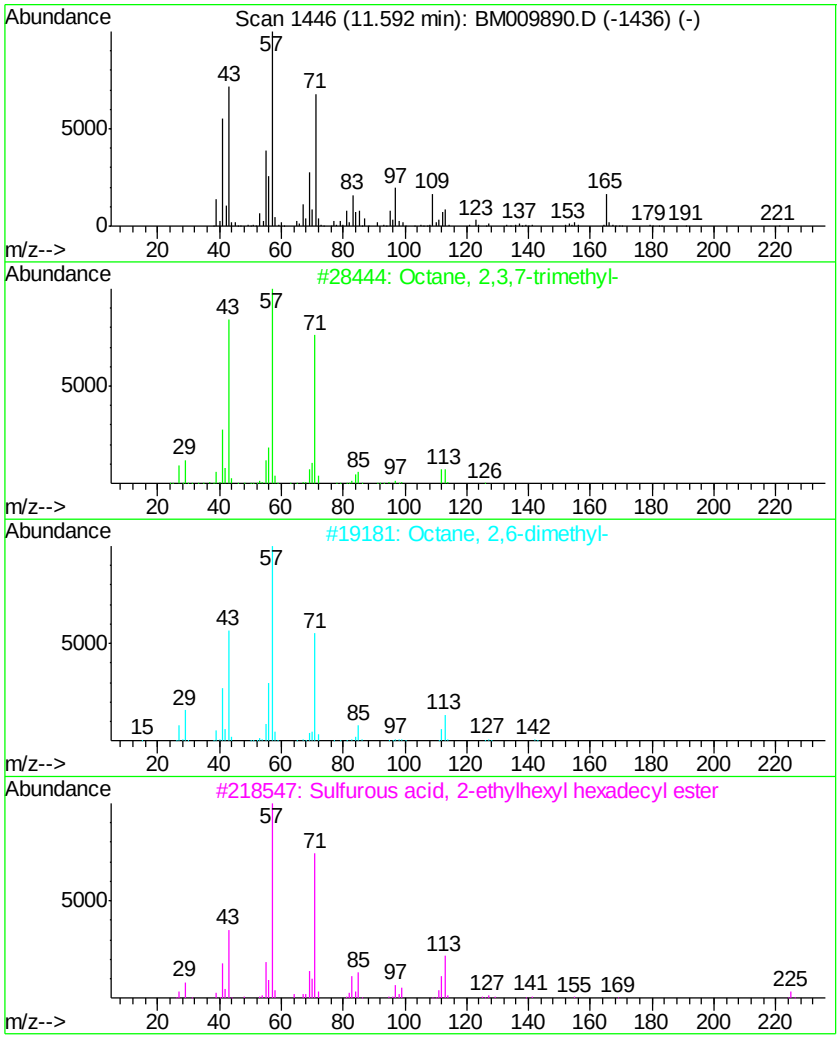
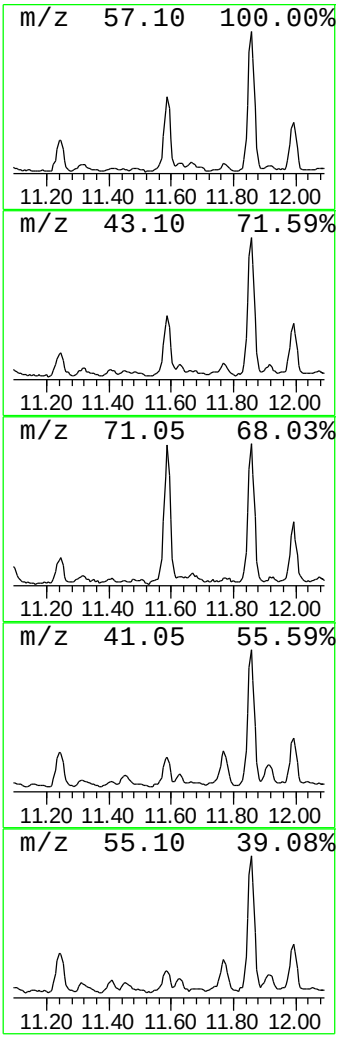
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	26.05 ng/ul	1653940	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	38
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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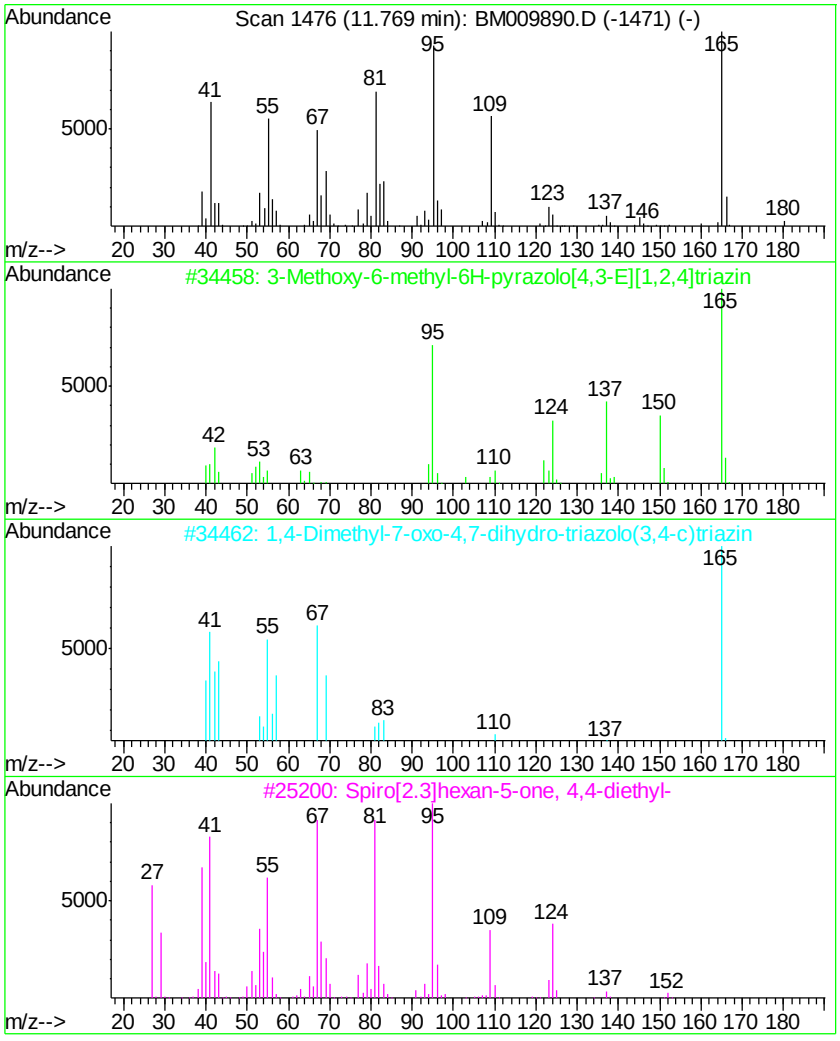
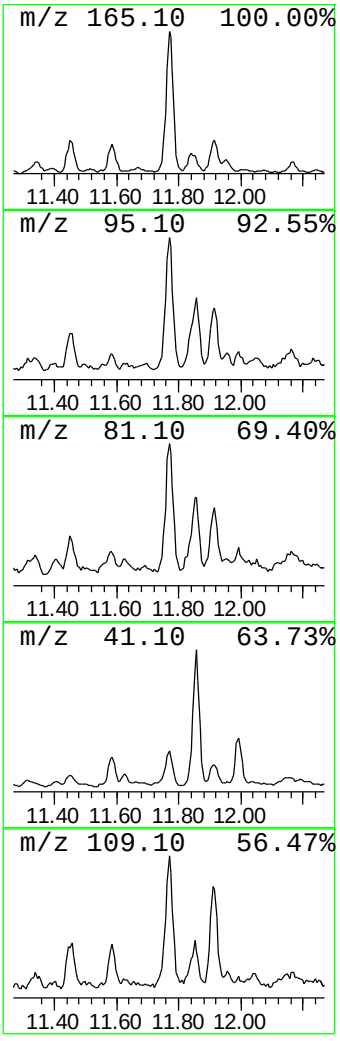
Peak Number 9 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	34.20 ng/ul	2171490	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	46
2	1,4-Dimethyl-7-oxo-4,7-dihydro-t...	165	C6H7N5O	061402-40-2	46
3	Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	45
4	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	38
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38





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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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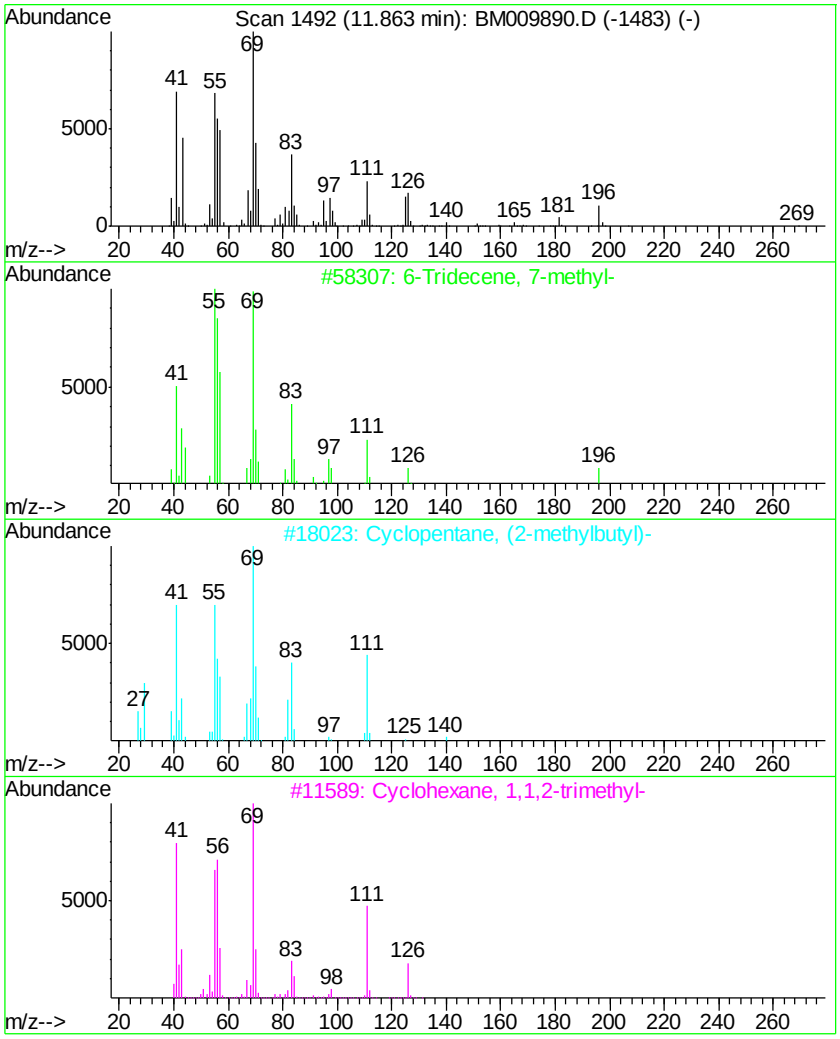
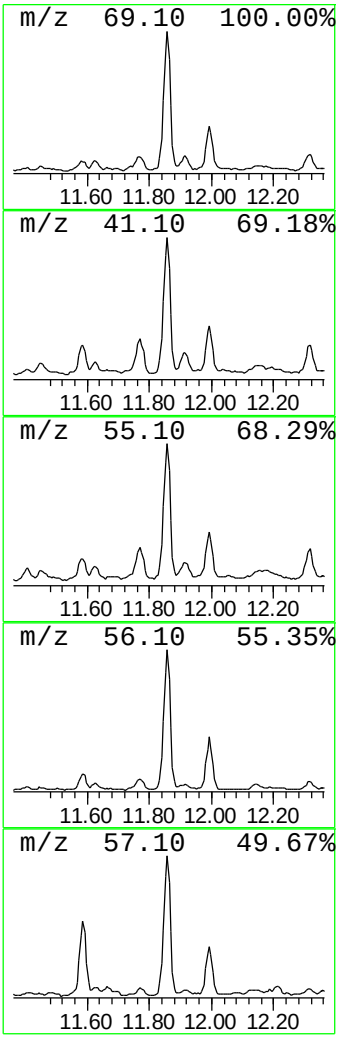
Peak Number 10 (DEL) Alkane: Cyclic11.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	97.86 ng/ul	6213180	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	83
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	52





Library Search Compound Report

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Sample : I2867-16
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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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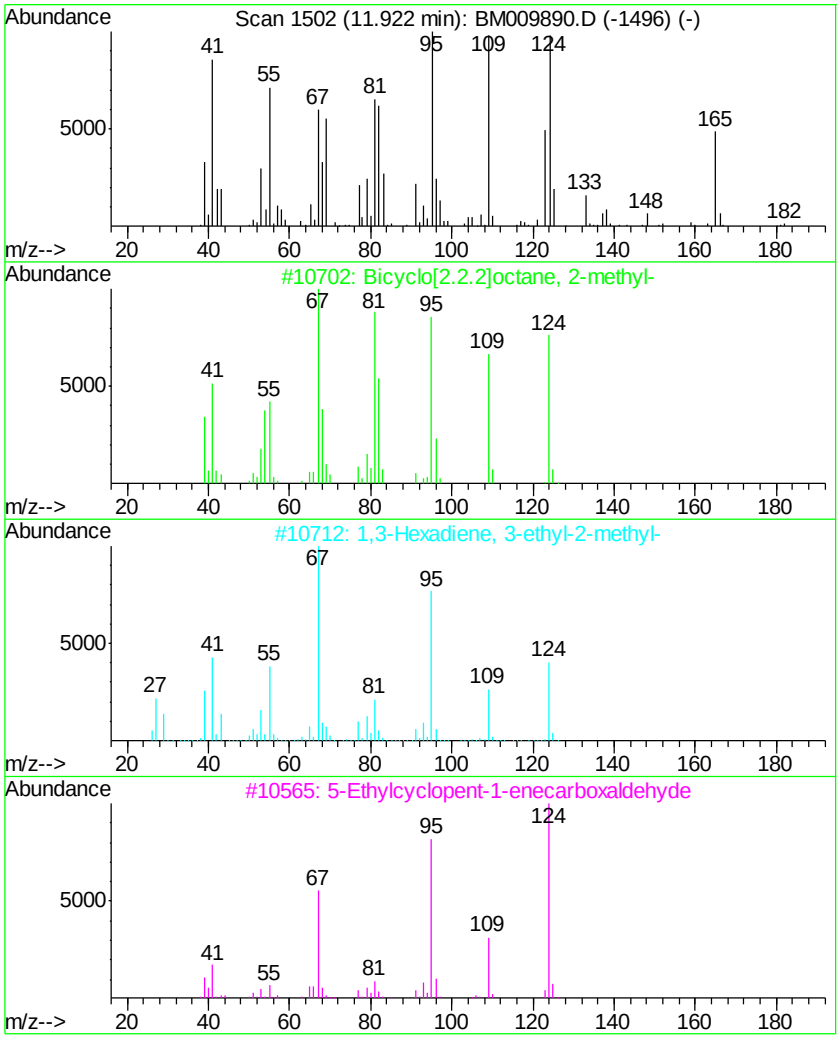
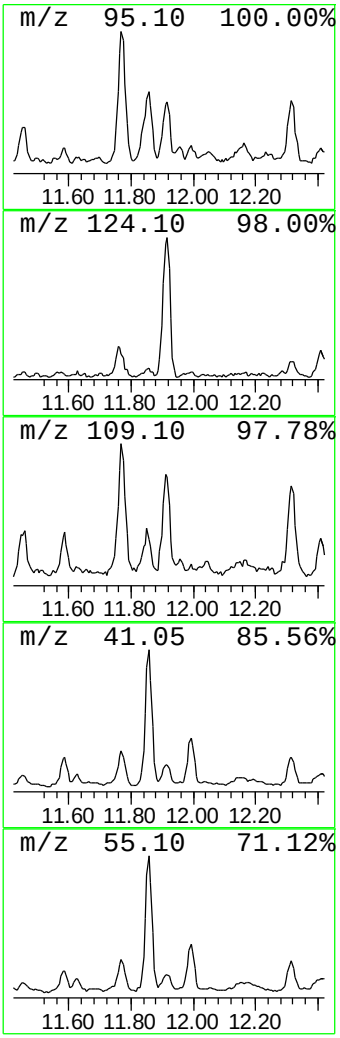
Peak Number 11 Bicyclo[2.2.2]octane, 2-met... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	18.39 ng/ul	1167420	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	76
2	1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	43
3	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	43
4	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	43
5	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	43





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ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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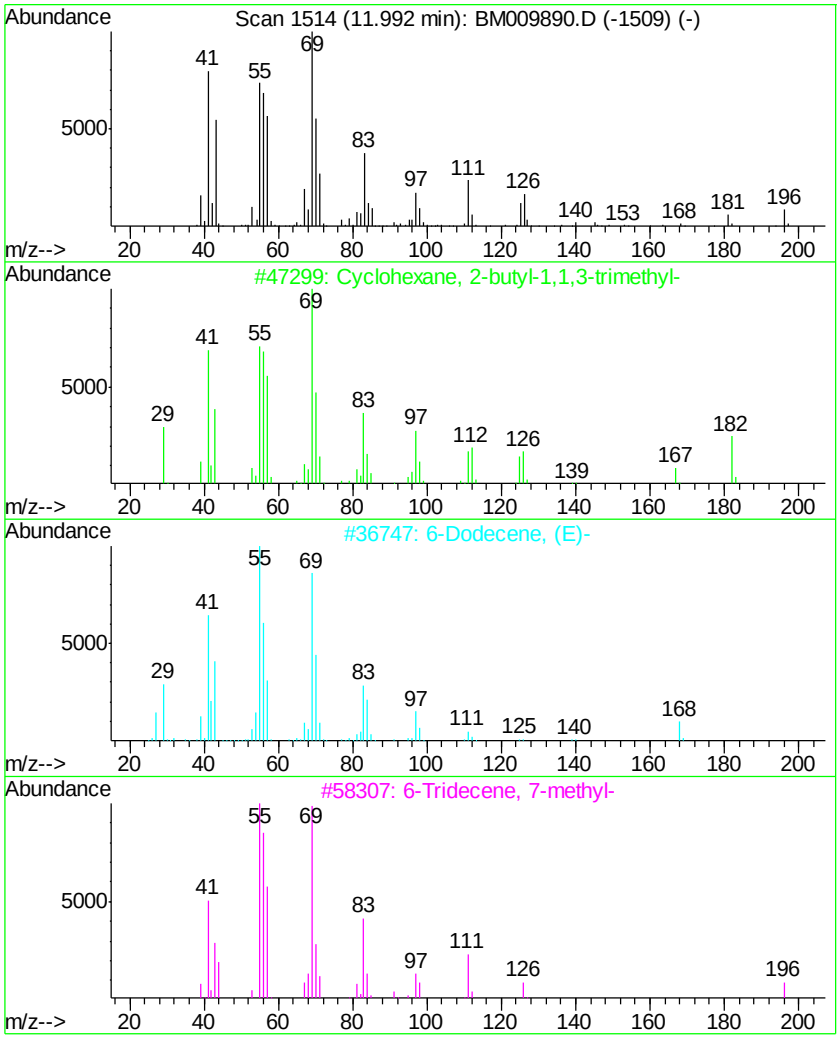
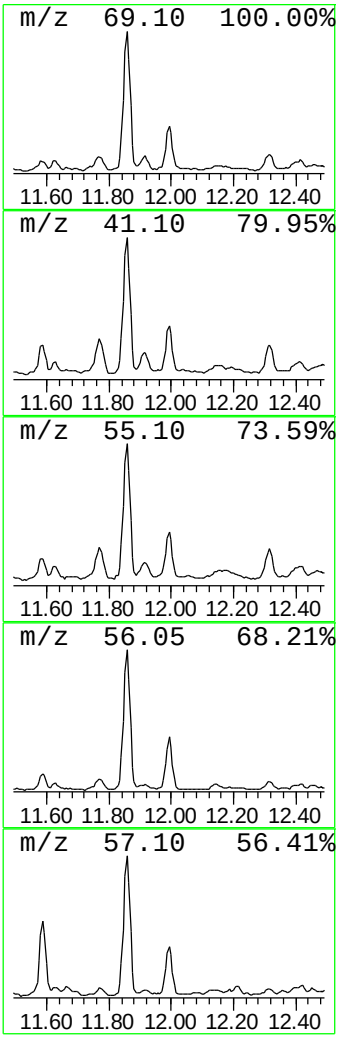
Peak Number 12 (DEL) Alkane: Cyclic11.99 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	27.83 ng/ul	1766560	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	74
2	6-Dodecene, (E)-	168	C12H24	007206-17-9	72
3	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	64
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	64
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58





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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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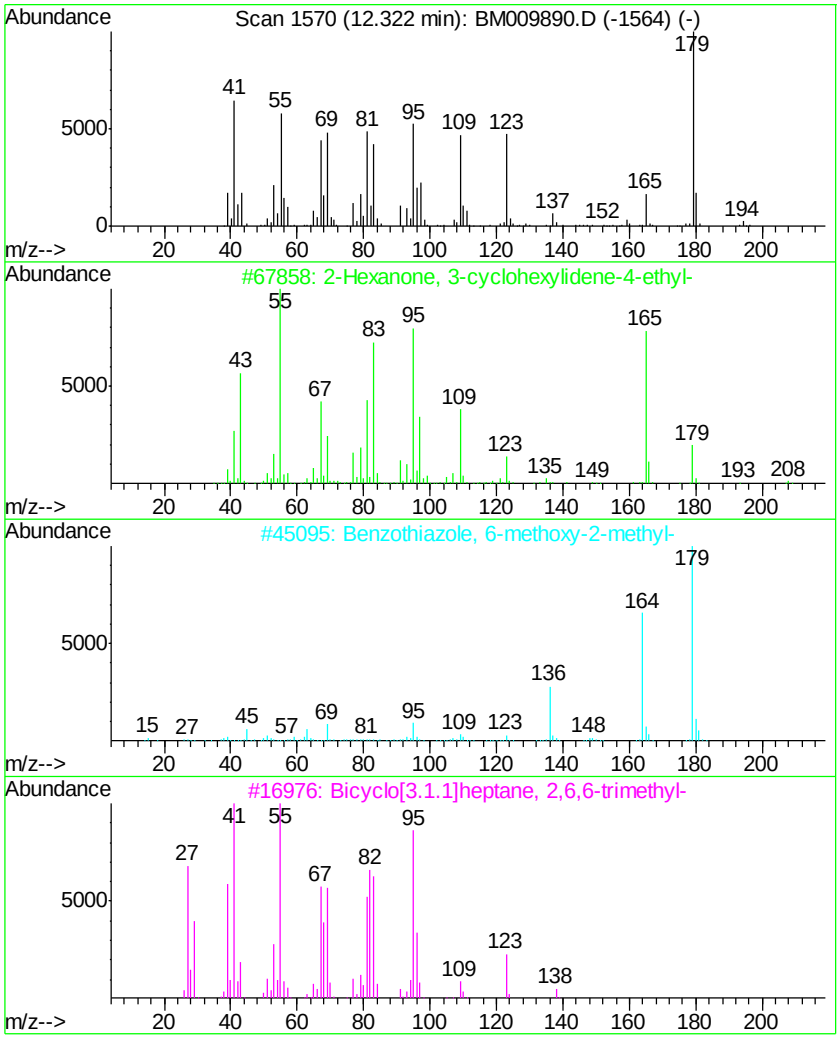
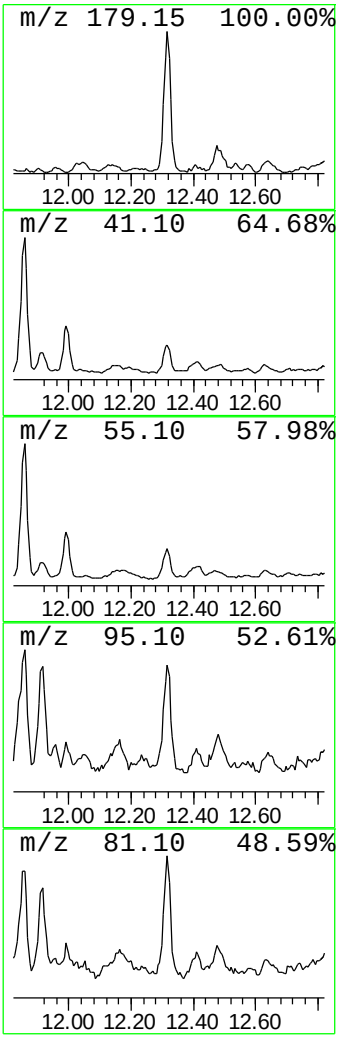
Peak Number 13 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	27.39 ng/ul	1739050	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	35
2	Benzothiazole, 6-methoxy-2-methyl-	179	C9H9NOS	002941-72-2	35
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	27
5	Pyrimidine, 5-formamido-	123	C5H5N3O	056621-84-2	25





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Quant Title : SVOA CALIBRATION

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

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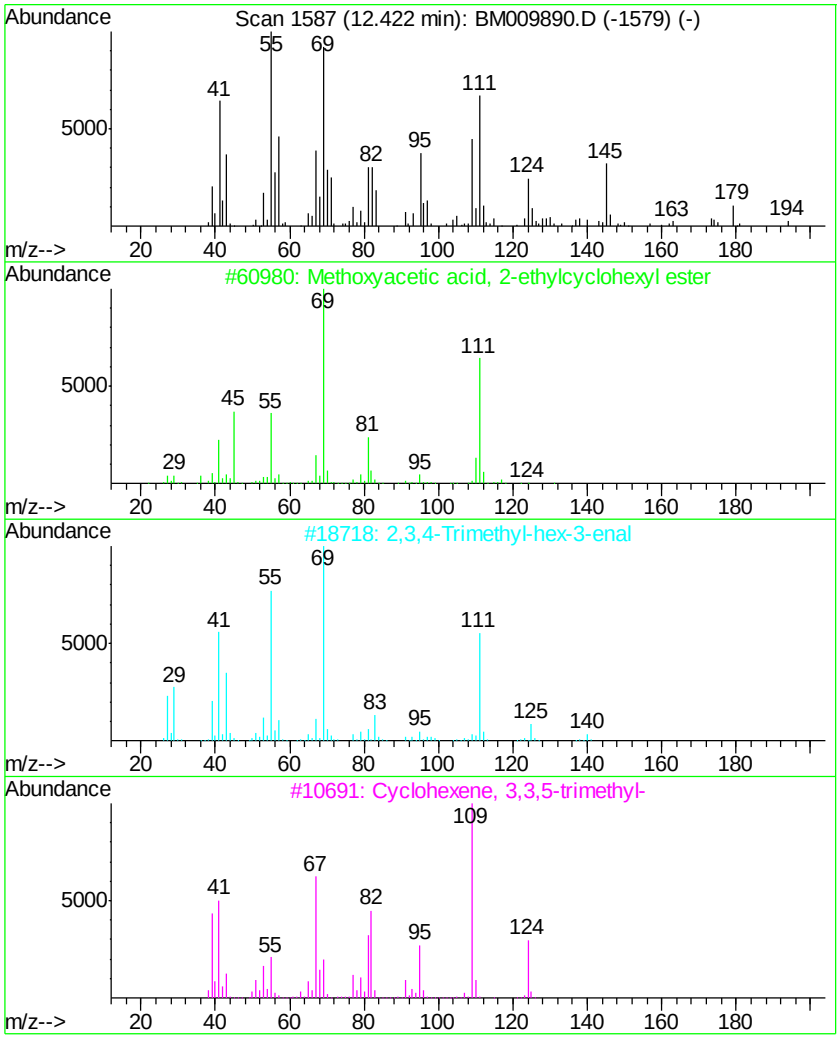
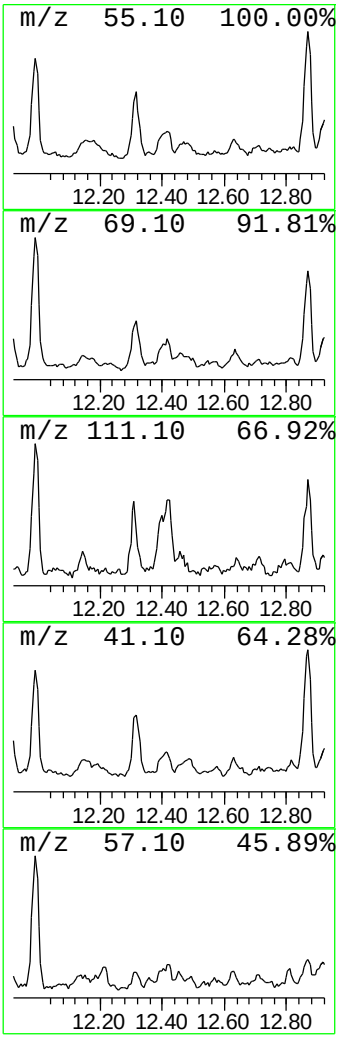
Peak Number 14 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	11.70 ng/ul	743102	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43
2	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	43
3	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	35
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	35





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Quant Title : SVOA CALIBRATION

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

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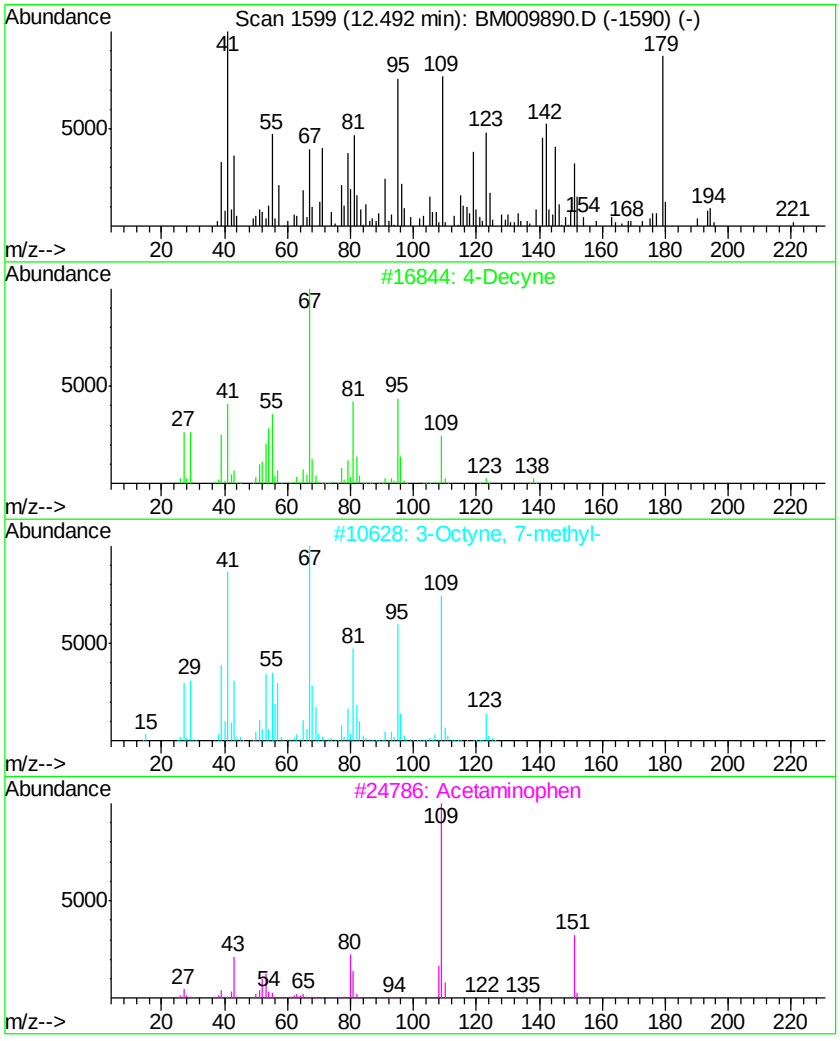
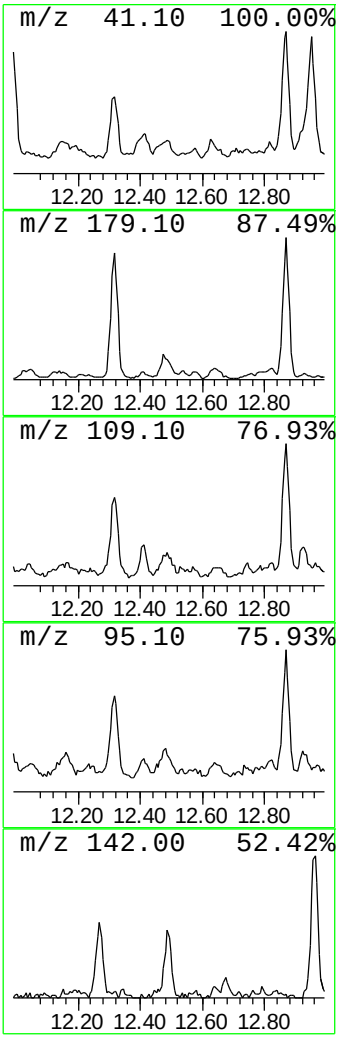
Peak Number 15 unknown-05 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	11.93 ng/ul	757197	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decyne	138	C10H18	002384-86-3	27
2	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	27
3	Acetaminophen	151	C8H9NO2	000103-90-2	11
4	Phenanthridine	179	C13H9N	000229-87-8	11
5	4-Amino-2-methyl-2H-pyrazole-3-c...	141	C5H7N3O2	1000297-25-5	10





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Quant Title : SVOA CALIBRATION

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

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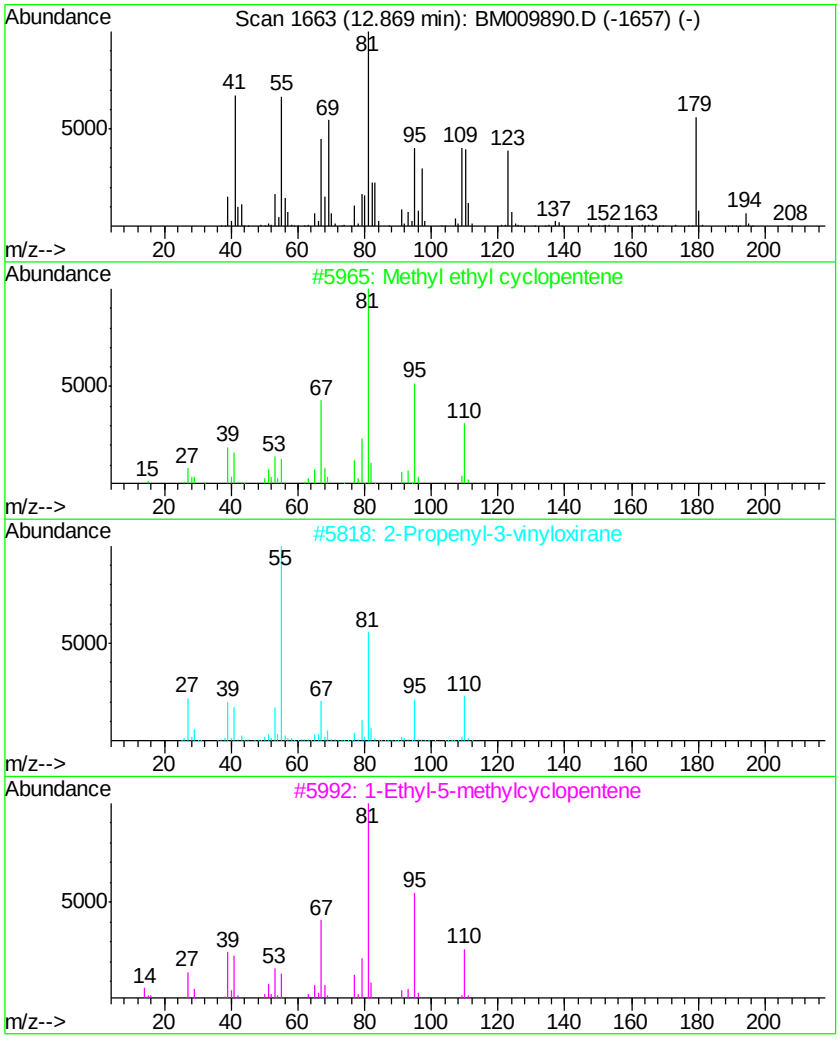
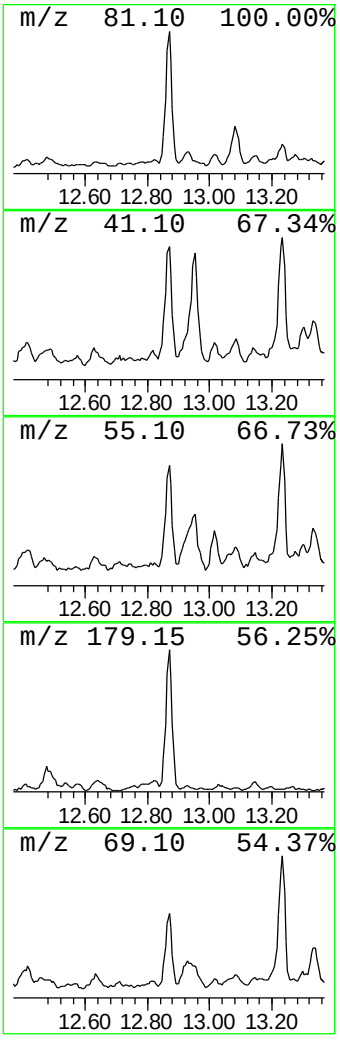
Peak Number 16 Methyl ethyl cyclopentene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	28.52 ng/ul	3118620	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	55
2	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	38
3	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	35
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35
5	trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	35





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Instrument : BNA_M
ClientSampleId : JHT93

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

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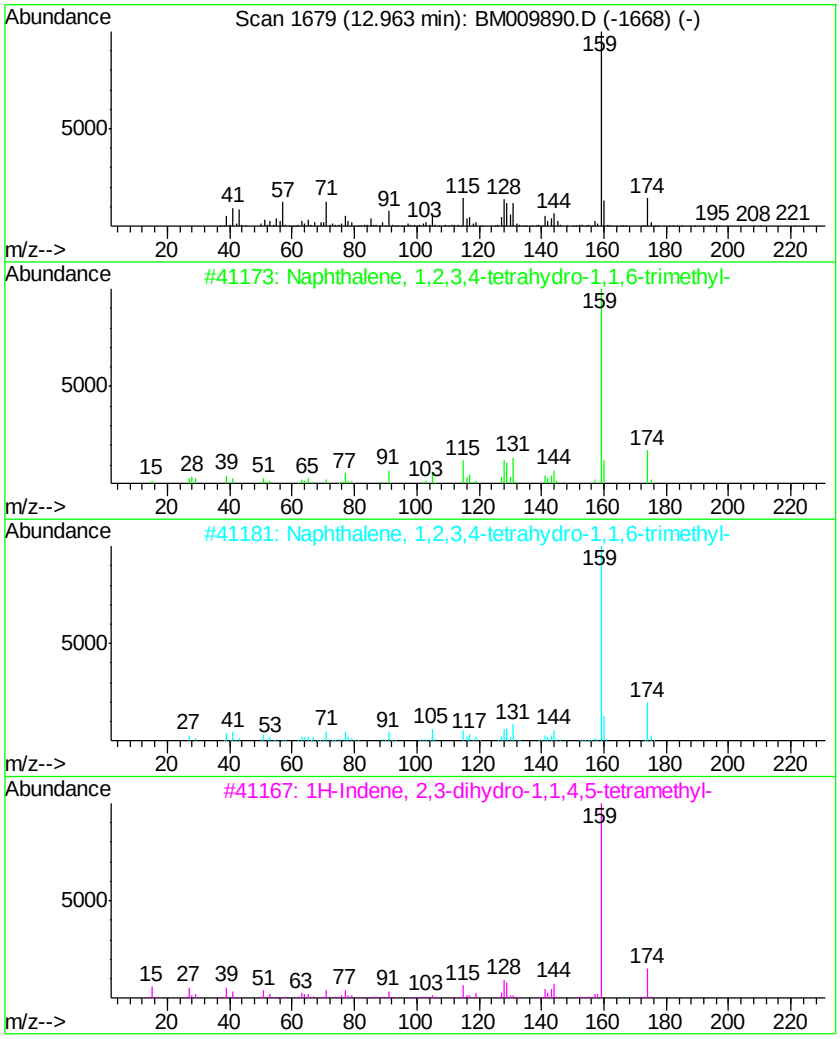
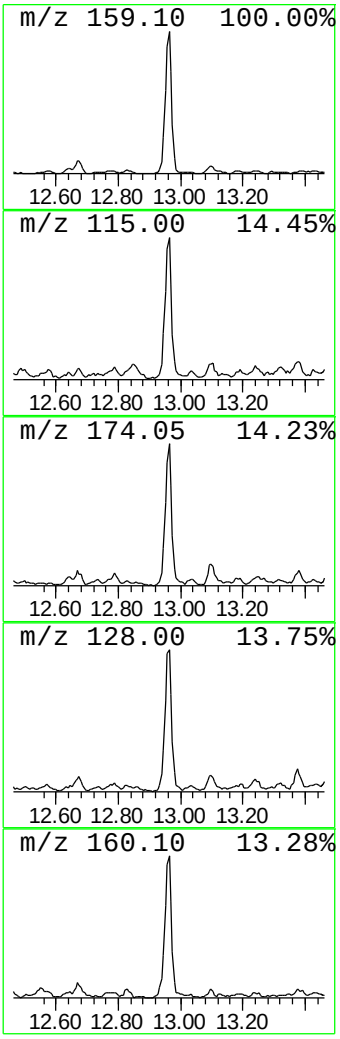
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	50.92 ng/ul	5567720	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	87
3	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	76
4	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	68
5	Silane, (2-ethynylphenyl)trimethyl-	174	C11H14Si	078905-09-6	62





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Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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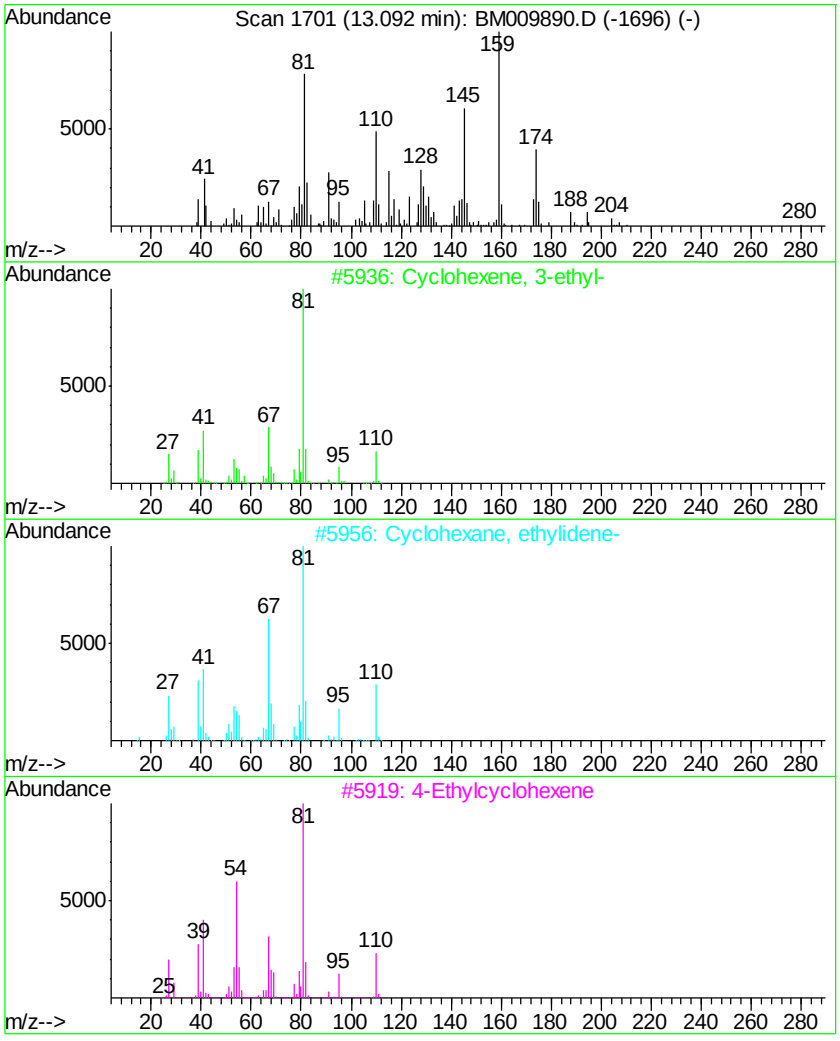
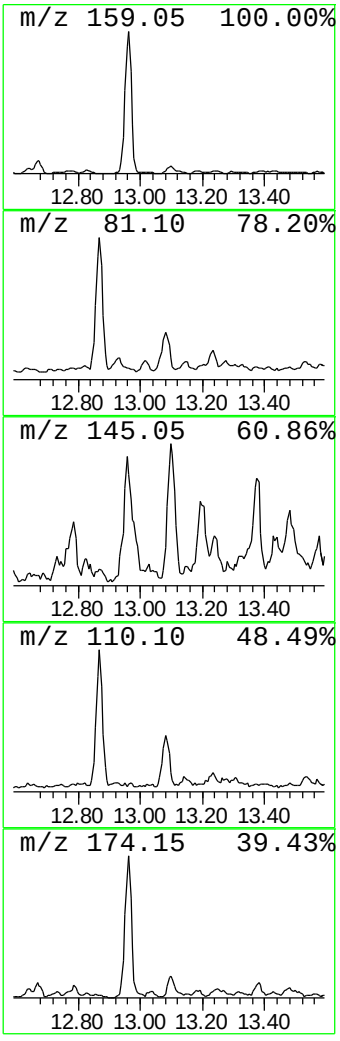
Peak Number 18 unknown-06 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.80 ng/ul	743217	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	43
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	38
4	Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	35
5	1-Chlorosulfonyl-3-methyl-1-azas...	251	C9H14ClNO3S	016933-89-4	35





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Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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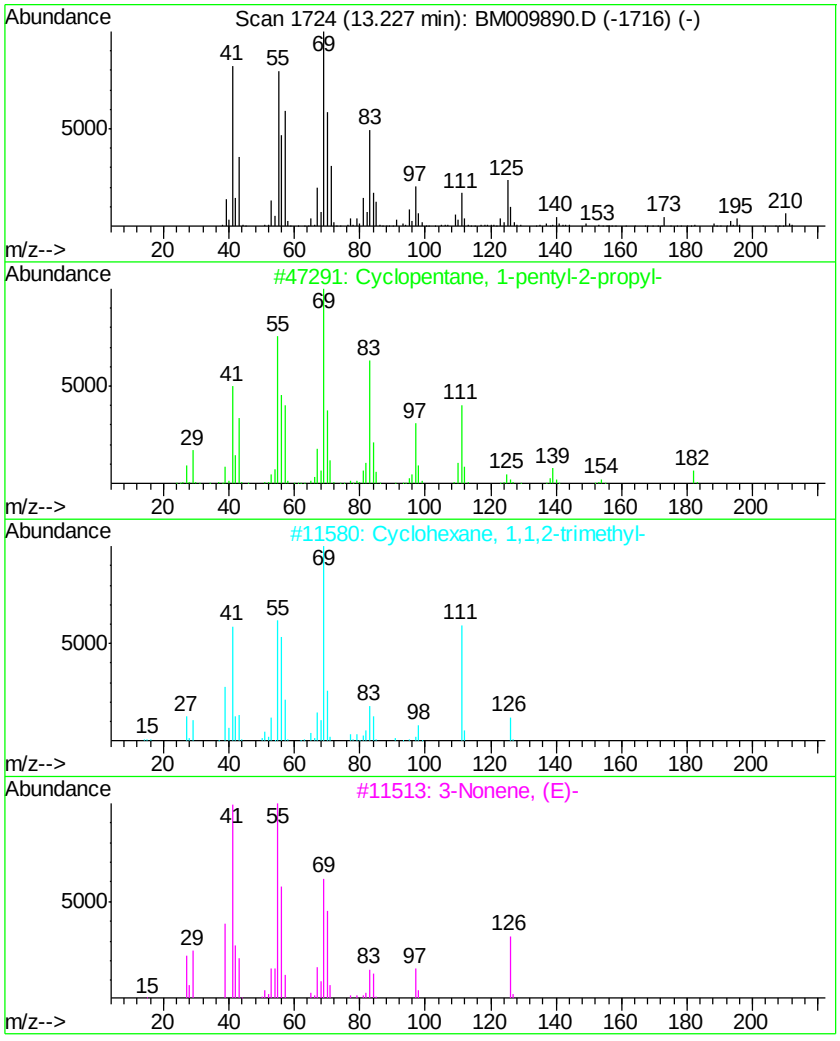
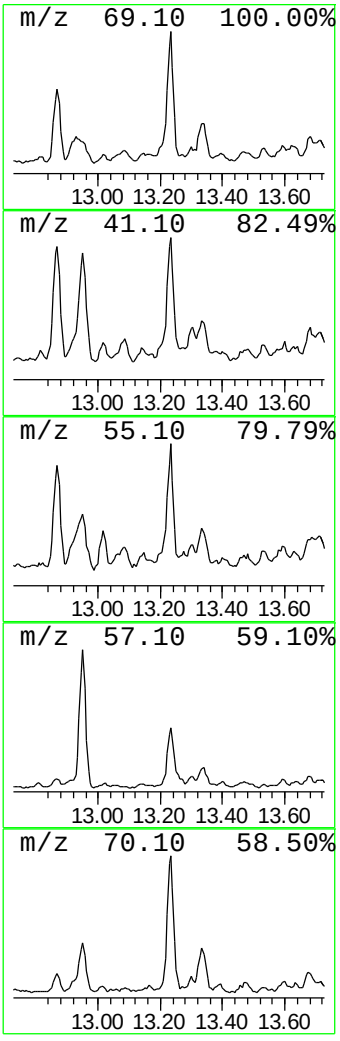
Peak Number 19 (DEL) Alkane: Cyclic13.23 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	28.15 ng/ul	3077490	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	64
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
3	3-Nonene, (E)-	126	C9H18	020063-92-7	46
4	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	46
5	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	43





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ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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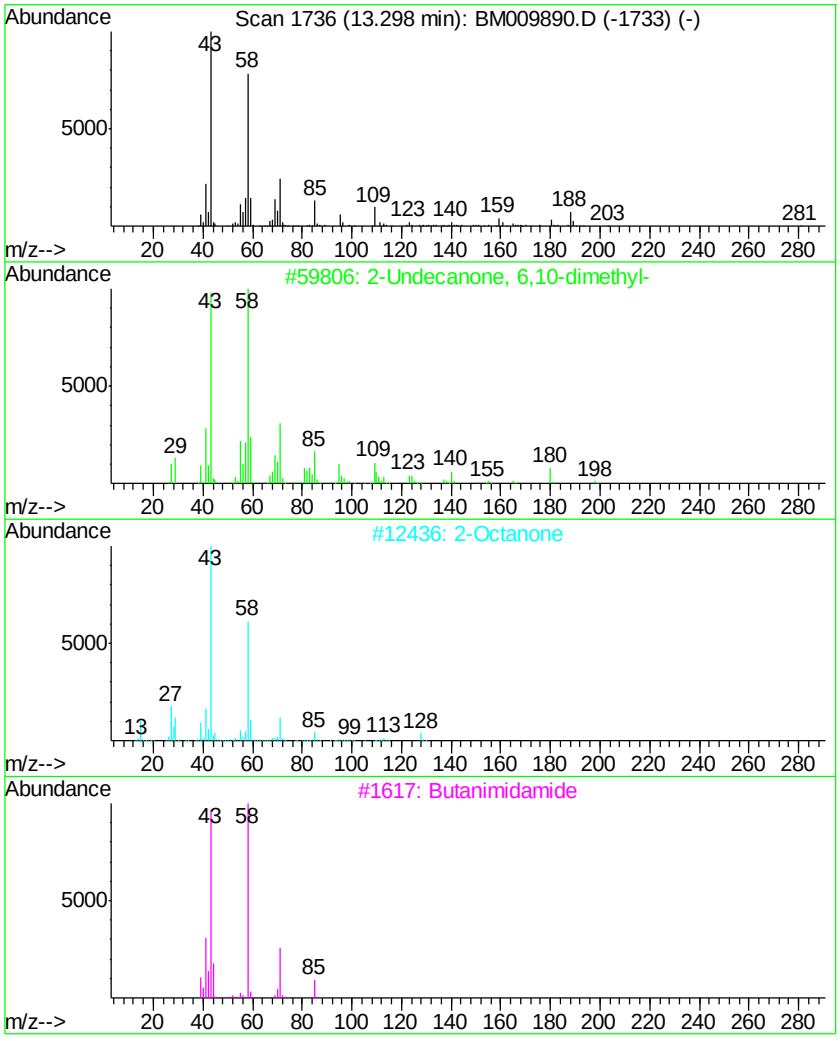
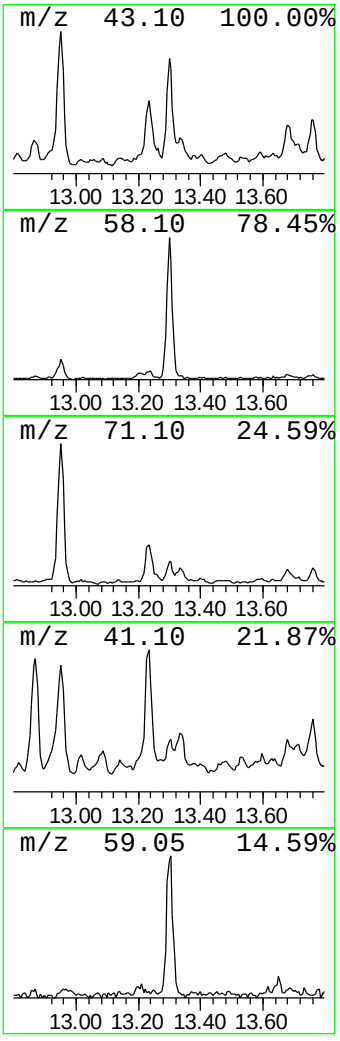
Peak Number 20 2-Undecanone, 6,10-dimethyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	8.33 ng/ul	911294	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	72
2	2-Octanone	128	C8H16O	000111-13-7	59
3	Butanimidamide	86	C4H10N2	000107-90-4	58
4	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	53
5	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	53





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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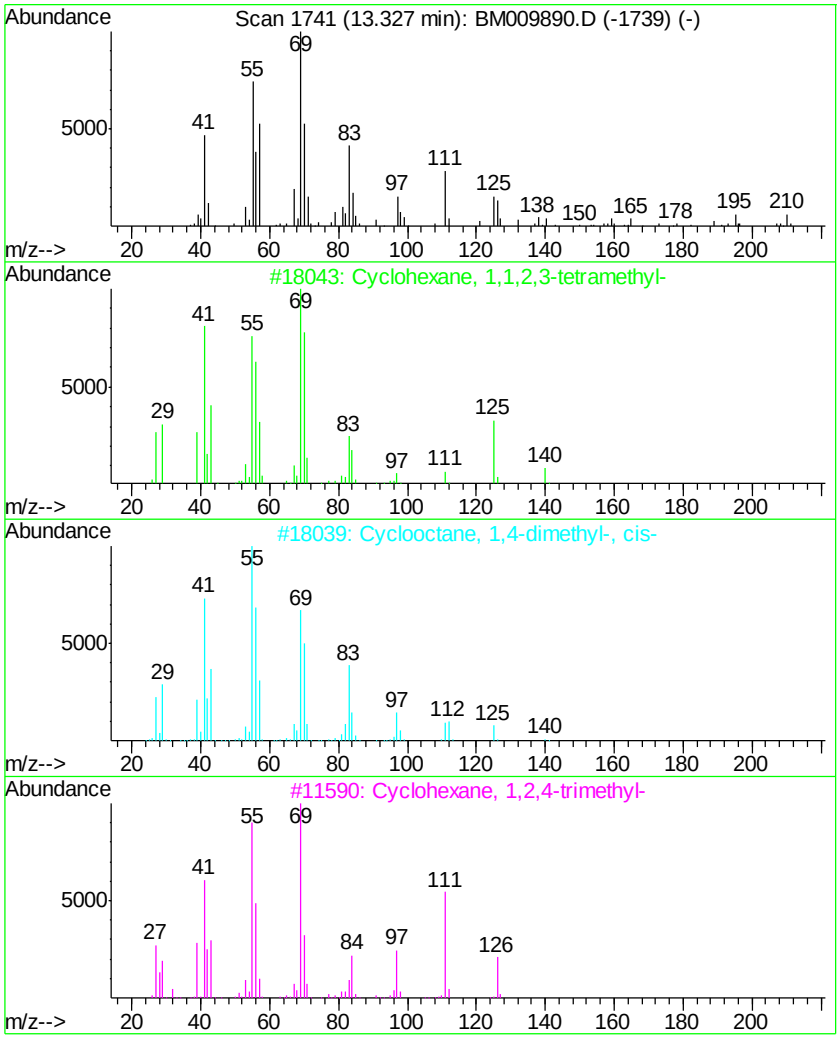
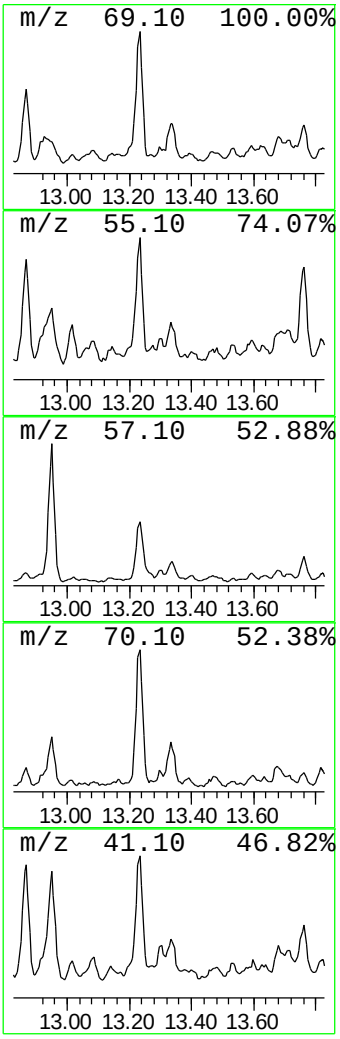
Peak Number 21 (DEL) Alkane: Cyclic13.33 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	8.60 ng/ul	940204	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	53
2	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	49
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	49
5	cis-3-Nonene	126	C9H18	020237-46-1	46





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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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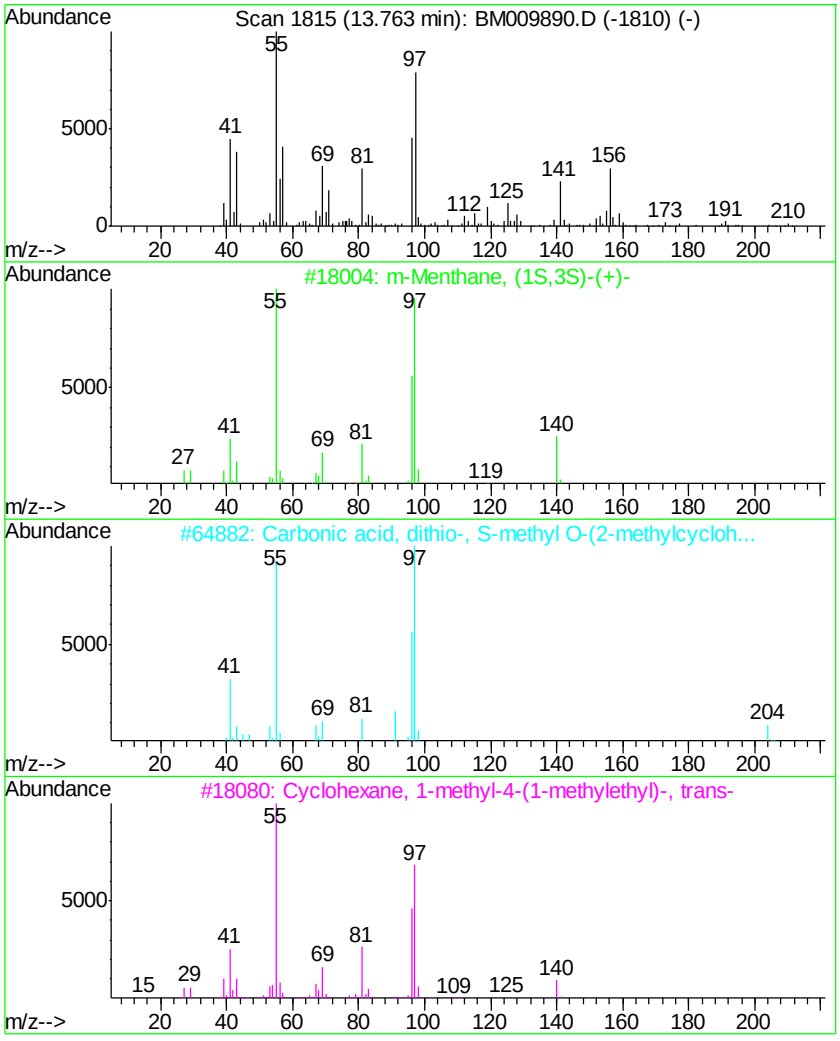
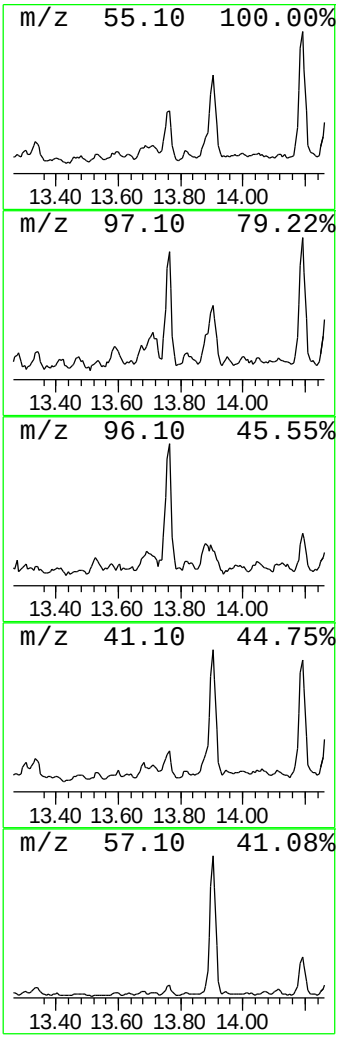
Peak Number 22 (DEL) Alkane: Cyclic13.76 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	14.57 ng/ul	1593440	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	47
2	Carbonic acid, dithio-, S-methyl...	204	C9H16OS2	015288-13-8	47
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	47
5	1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	43





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Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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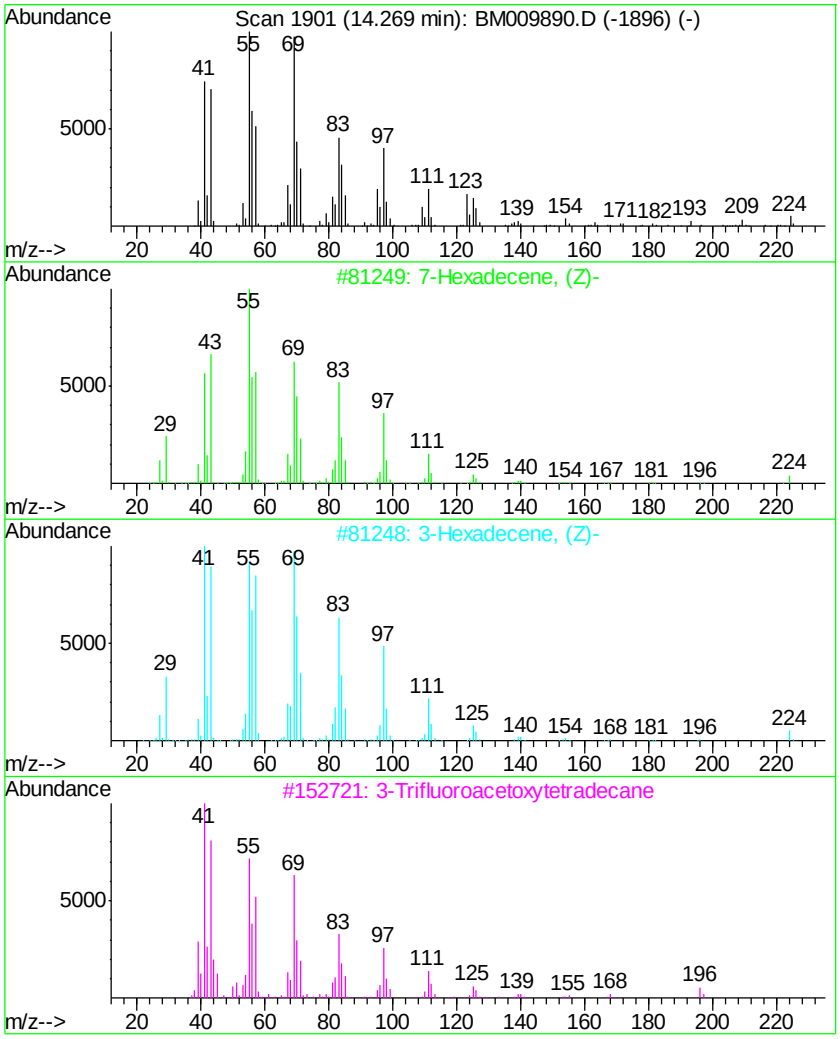
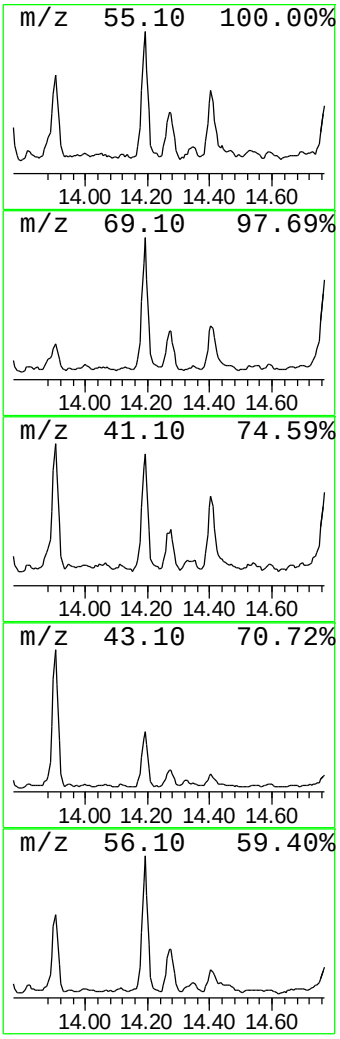
Peak Number 23 (DEL) Alkane: Cyclic14.27 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	17.49 ng/ul	1912210	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	97
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	93
3	3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	87
4	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	87
5	3-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-8	83





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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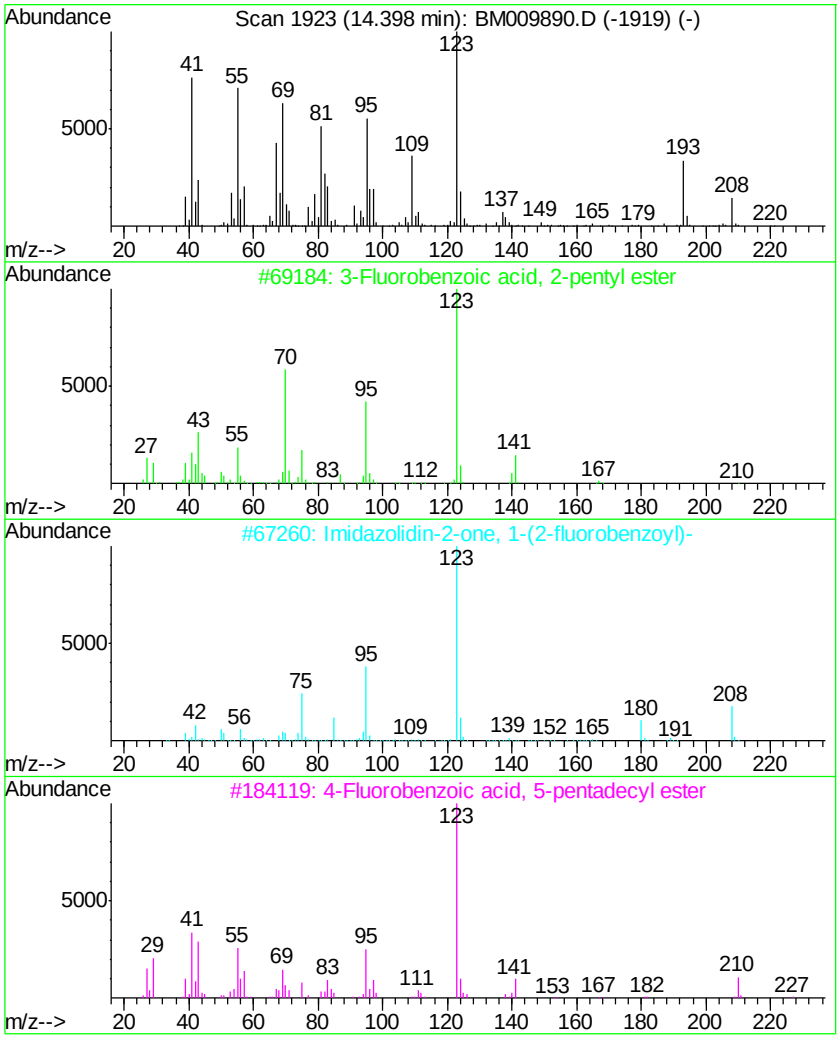
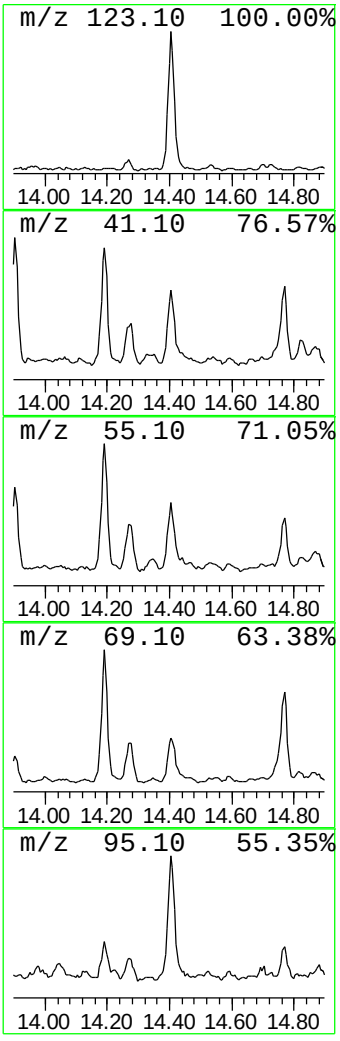
Peak Number 24 unknown-07 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	35.67 ng/ul	3900100	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Fluorobenzoic acid, 2-pentyl e...	210	C12H15FO2	1000279-01-7	47
2	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	43
3	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	43
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	38
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	38





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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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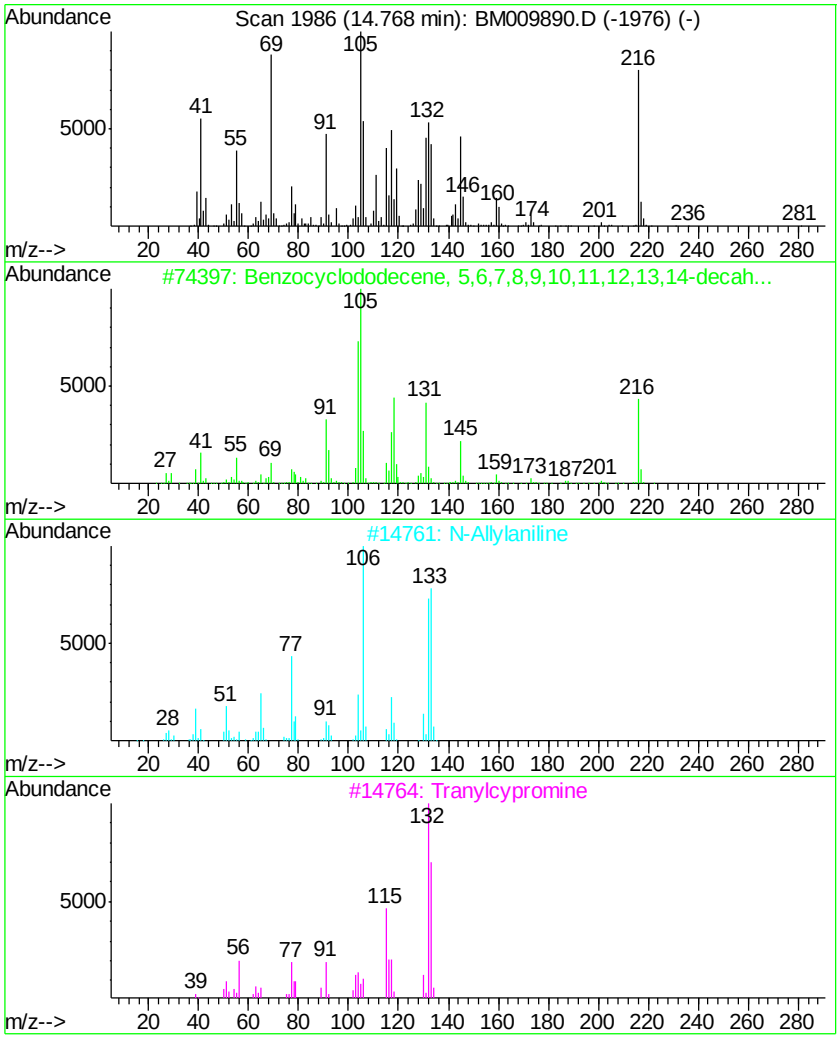
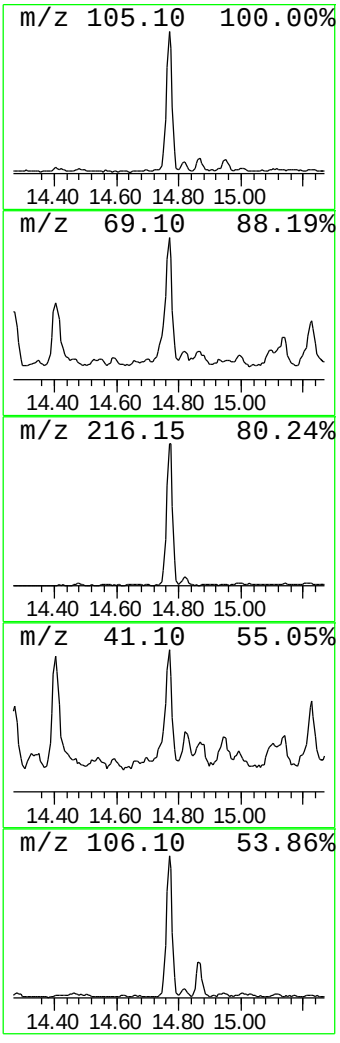
Peak Number 25 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	61.48 ng/ul	6722020	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocyclododecene, 5,6,7,8,9,10...	216	C16H24	007125-10-2	43
2	N-Allylaniline	133	C9H11N	000589-09-3	35
3	Tranylcypromine	133	C9H11N	000155-09-9	25
4	1,3-Di(propen-1-yl)adamantane	216	C16H24	057040-47-8	14
5	N-Allylaniline	133	C9H11N	000589-09-3	14





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Quant Title : SVOA CALIBRATION

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

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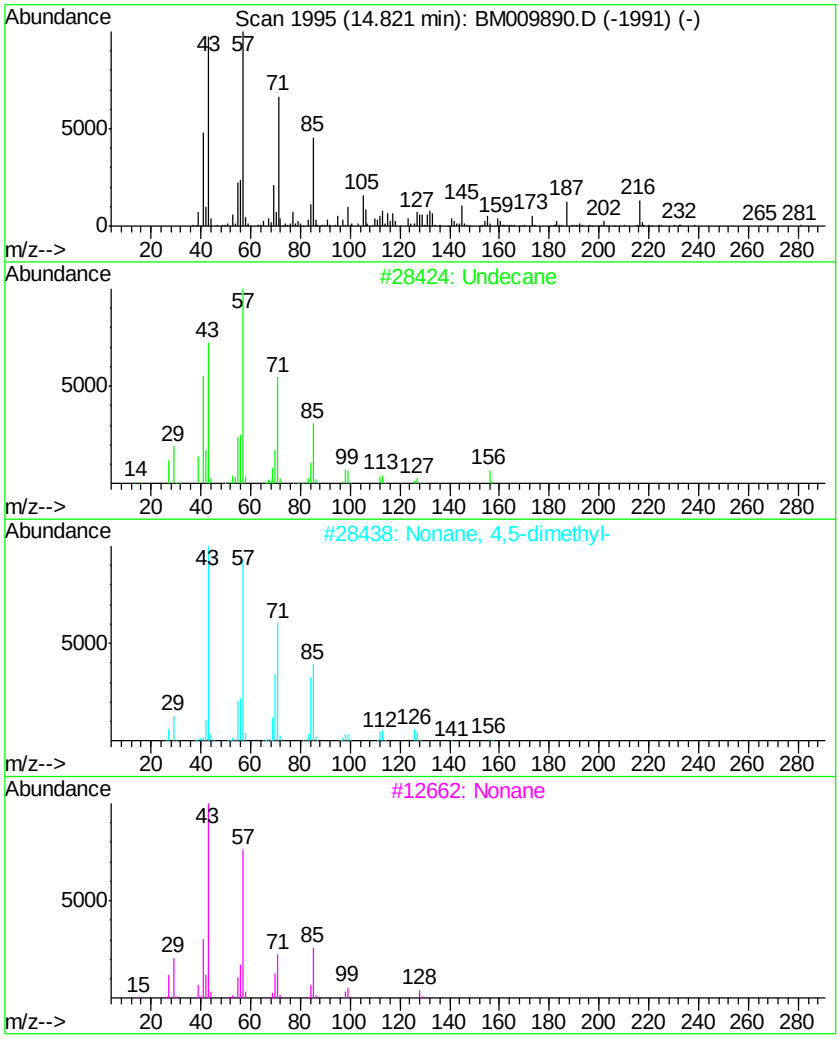
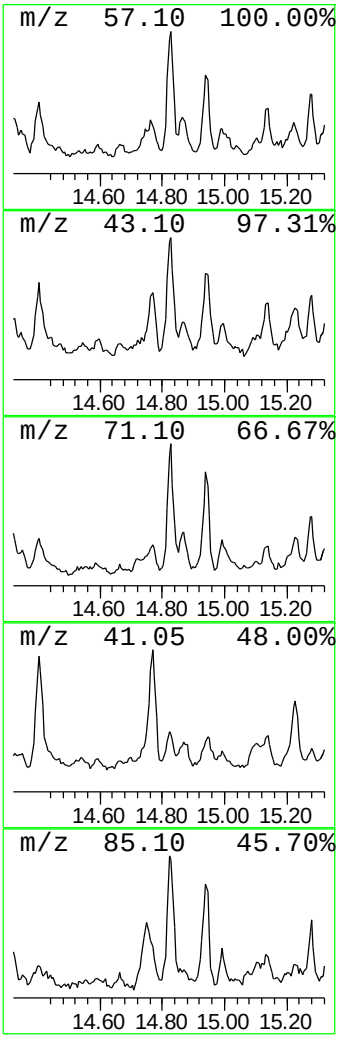
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	10.91 ng/ul	1192800	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	81
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	70
3	Nonane	128	C9H20	000111-84-2	70
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	68
5	Heptadecane	240	C17H36	000629-78-7	64





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Quant Title : SVOA CALIBRATION

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

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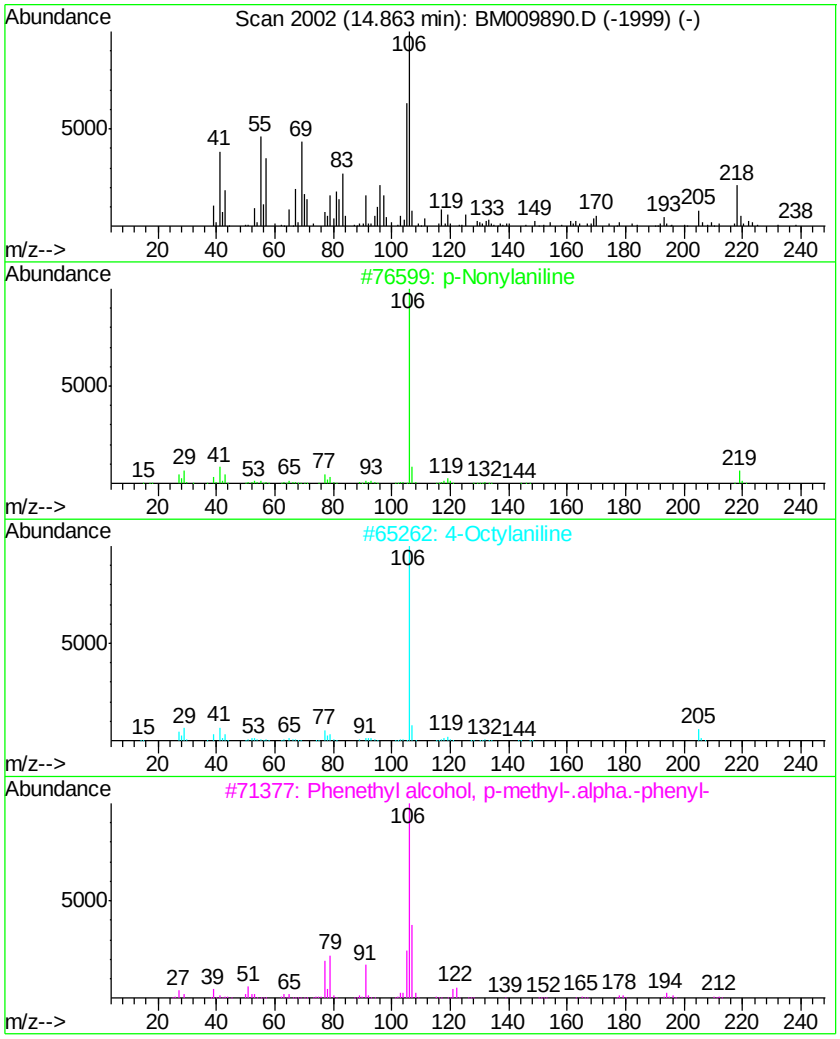
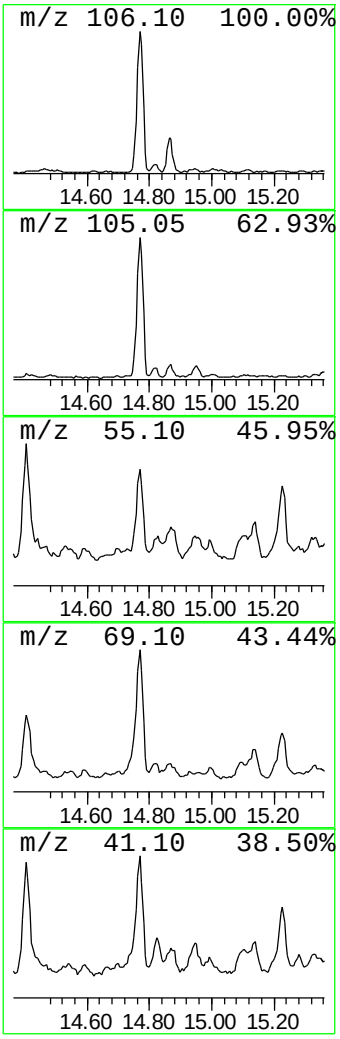
Peak Number 27 unknown-09 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	7.47 ng/ul	817178	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Nonylaniline	219	C15H25N	037529-29-6	43
2	4-Octylaniline	205	C14H23N	016245-79-7	38
3	Phenethyl alcohol, p-methyl-.alp...	212	C15H16O	020498-68-4	38
4	1-Hexen-4-ol, 3-methyl-5-phenyl-	190	C13H18O	1000196-46-1	35
5	p-Pentylaniline	163	C11H17N	033228-44-3	35





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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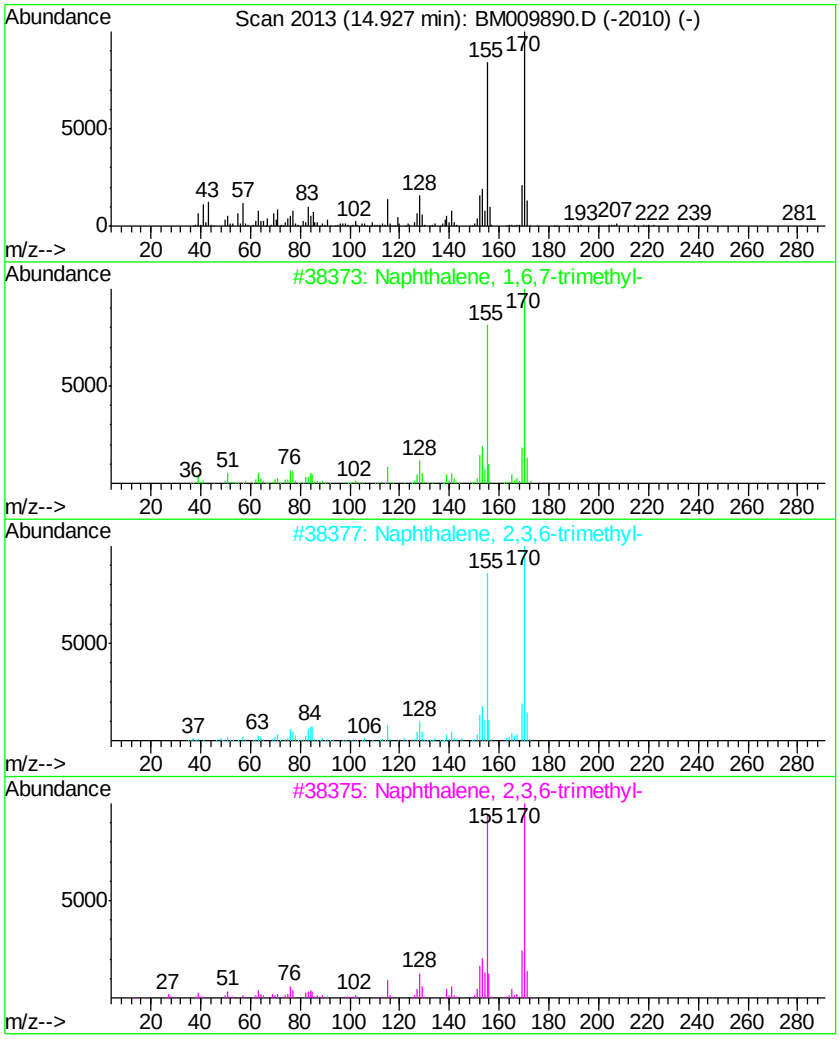
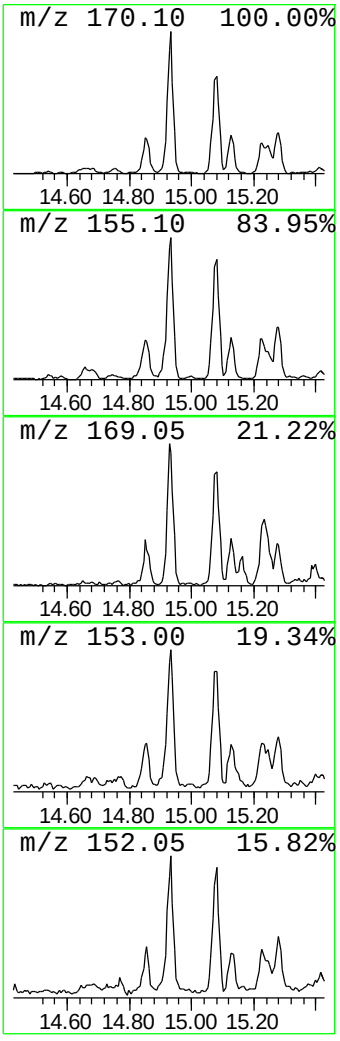
Peak Number 28 Naphthalene, 1,6,7-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	21.30 ng/ul	2328280	Acenaphthene-d10	14.46

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





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Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

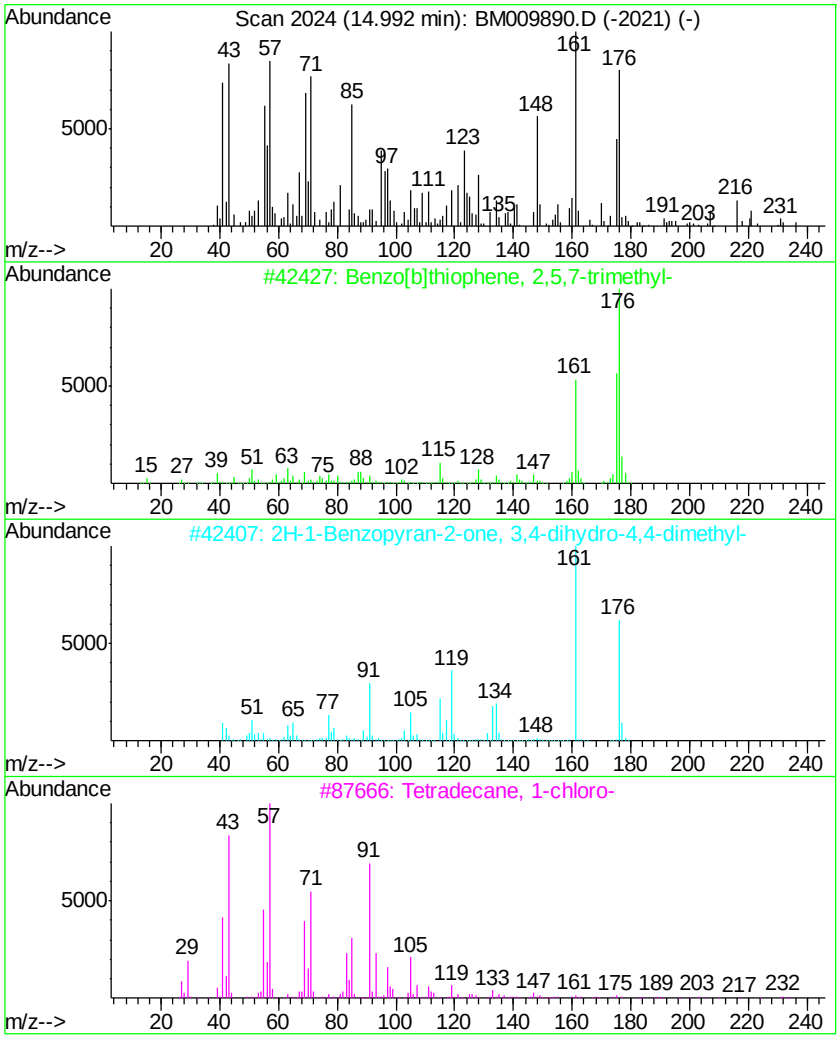
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

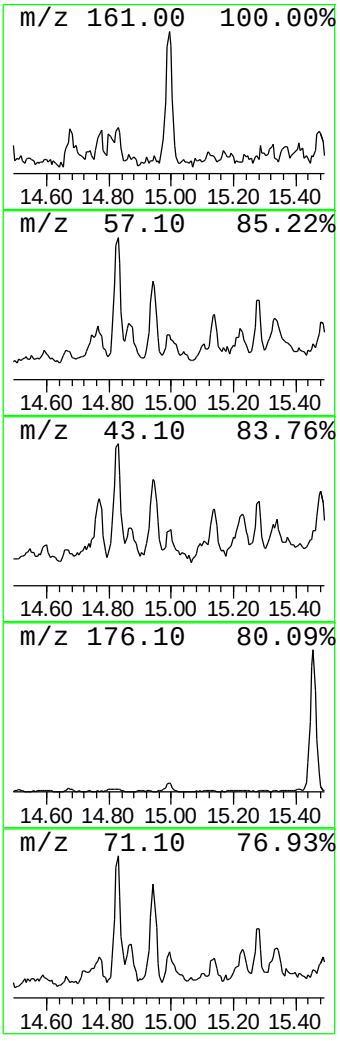
****

Peak Number 29 unknown-10 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.19 ng/ul	676489	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5,7-trimethyl-	176	C11H12S	016587-65-8	42
2	2H-1-Benzopyran-2-one, 3,4-dihyd...	176	C11H12O2	029598-22-9	30
3	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	15
4	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	11
5	Acetamide, N-(2,6-dichlorophenyl)-	203	C8H7Cl2NO	017700-54-8	11





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Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

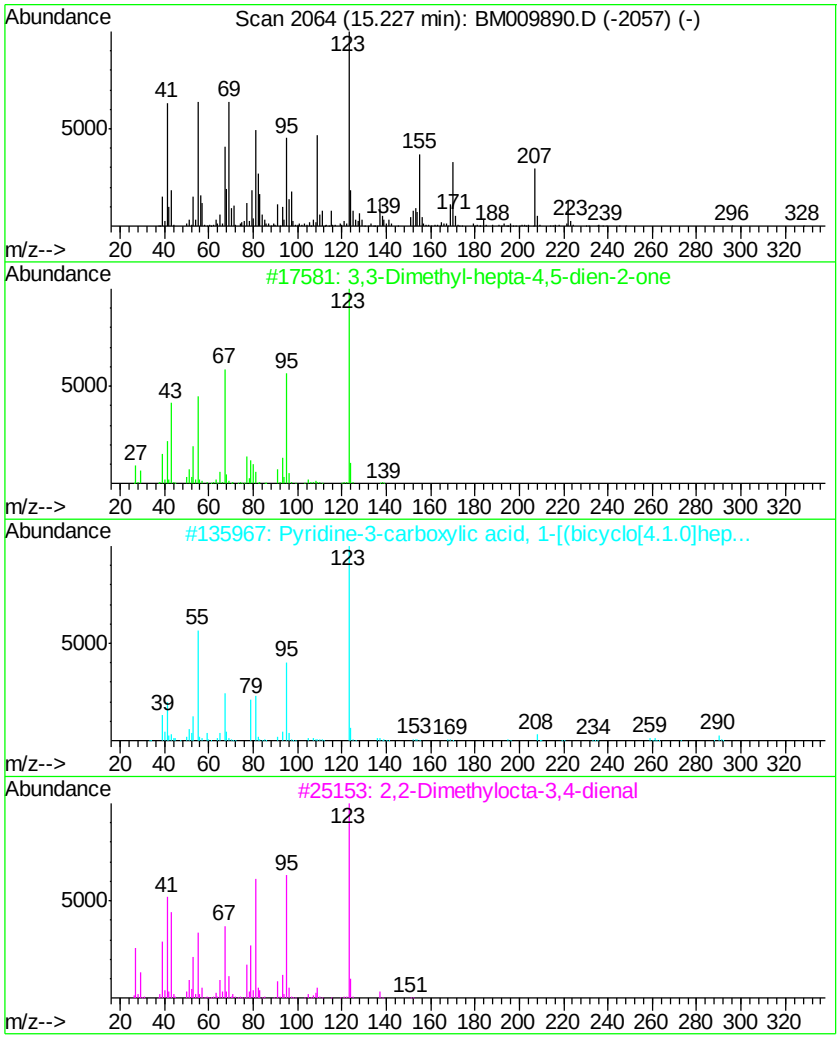
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

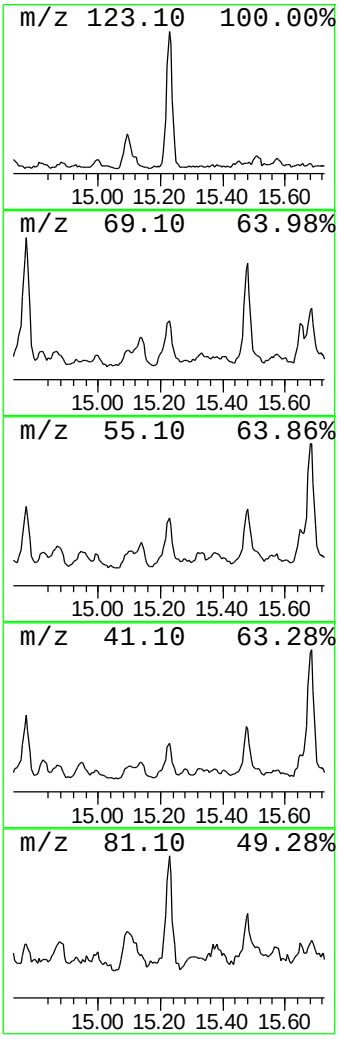
****

Peak Number 31 unknown-11 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	27.45 ng/ul	3001160	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	43
2	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	38
3	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	38
4	4-Fluorobenzoic acid, cyclopenty...	208	C12H13FO2	1000279-05-6	35
5	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	27





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

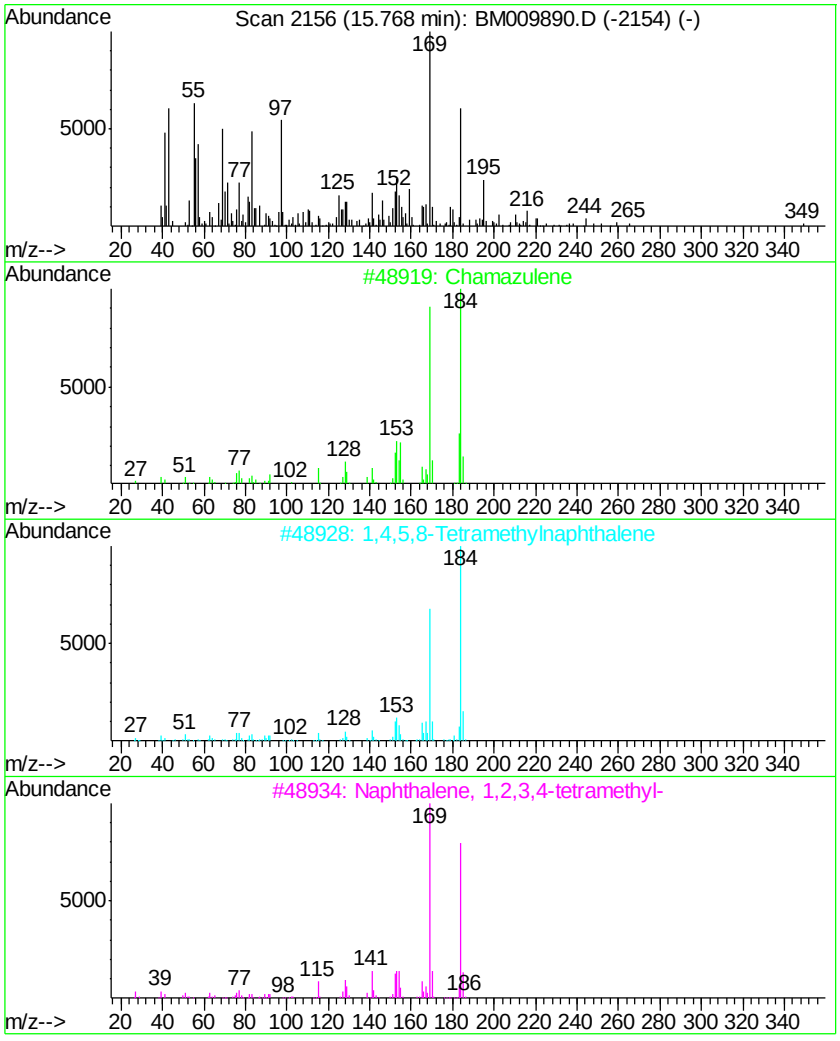
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

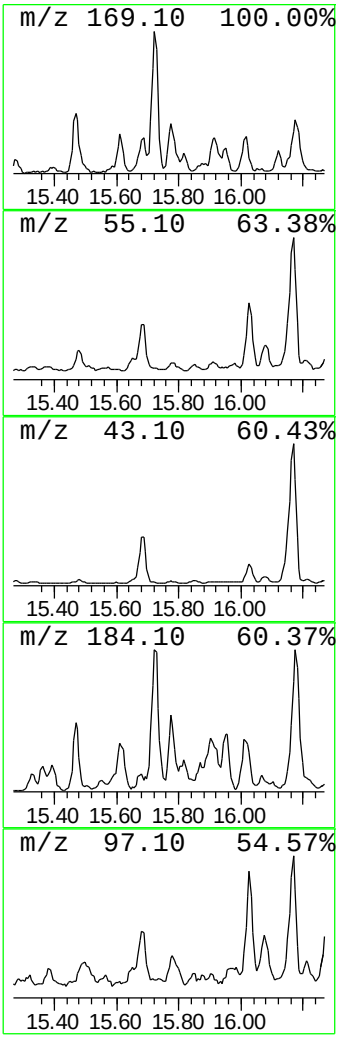
****

Peak Number 32 unknown-12 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	9.39 ng/ul	1026100	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	45
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	45
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	41
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	41
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	41





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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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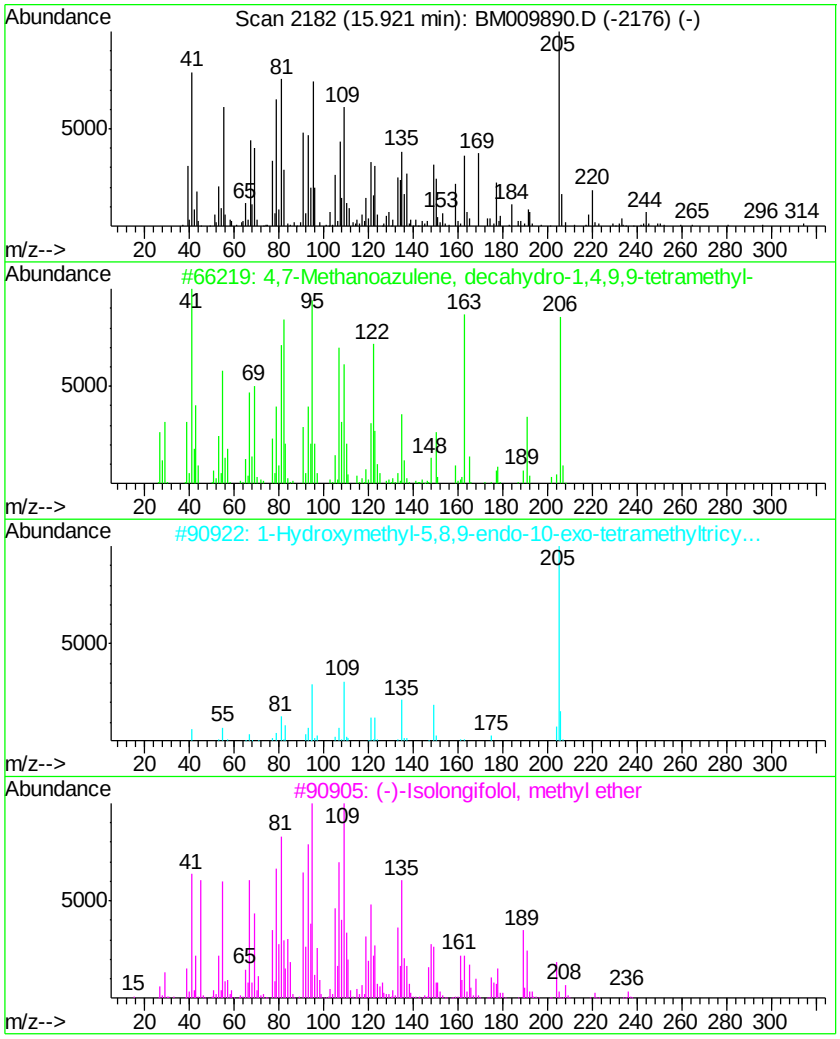
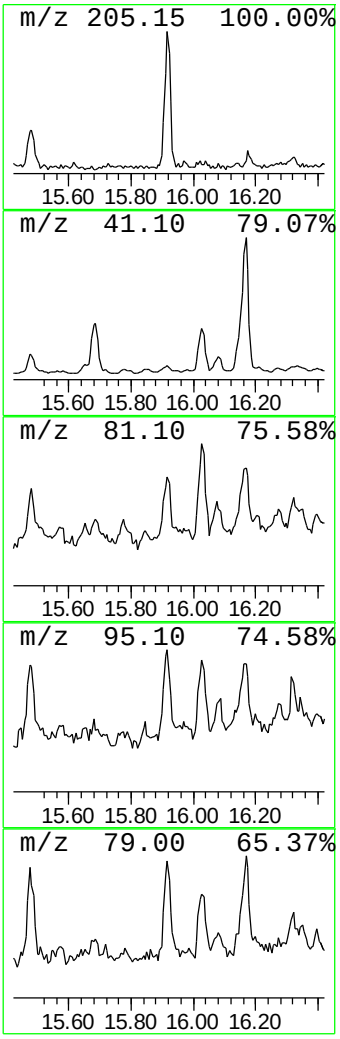
Peak Number 33 4,7-Methanoazulene, decahyd... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	16.66 ng/ul	1612800	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methanoazulene, decahydro-1,...	206	C15H26	020478-88-0	70
2	1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	47
3	(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	35
4	Longipinocarveol, trans-	220	C15H24O	1000159-36-5	30
5	4a,7-Methano-4aH-naphth[1,8a-b]o...	220	C15H24O	067999-56-8	27





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Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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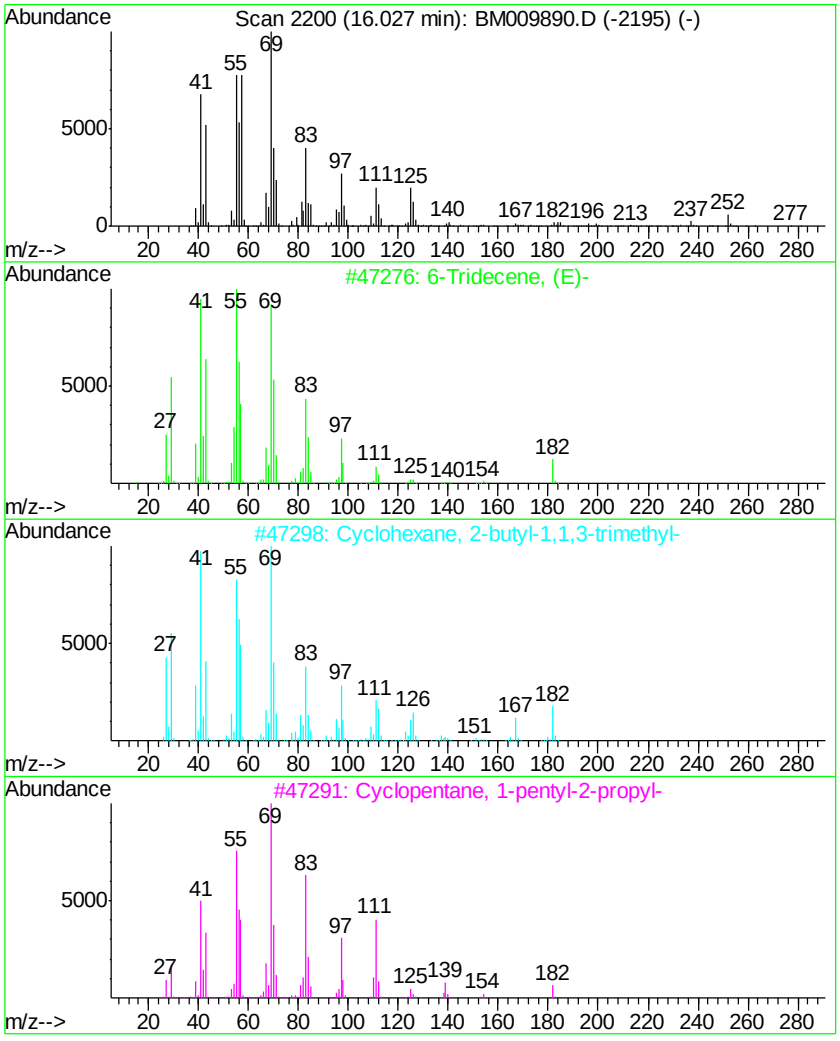
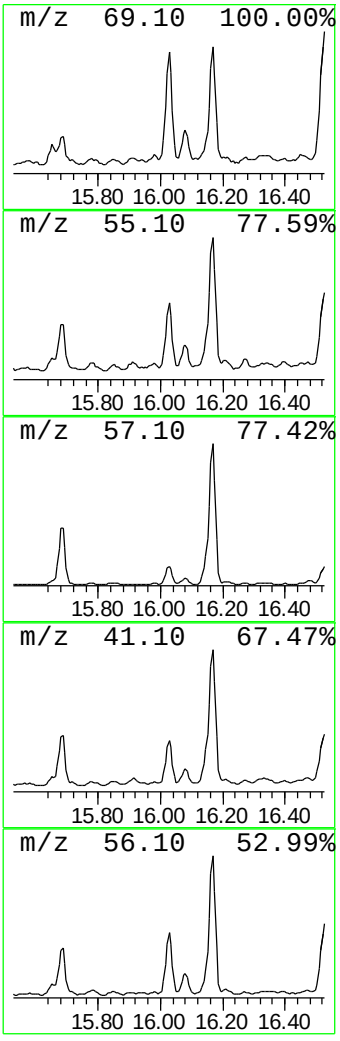
Peak Number 34 (DEL) Alkane: Cyclic16.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	61.53 ng/ul	5956980	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (E)-	182	C13H26	006434-76-0	81
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	80
3	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	72
4	2-Tridecene, (E)-	182	C13H26	041446-58-6	55
5	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	55





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Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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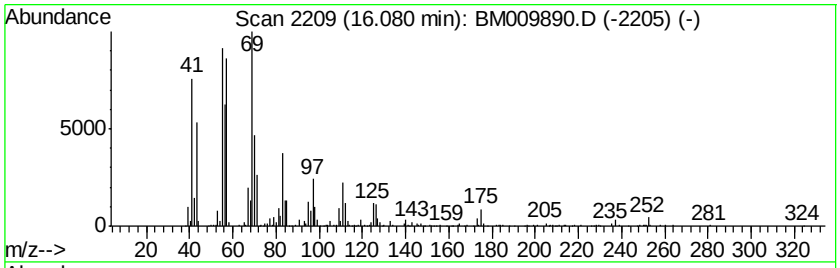
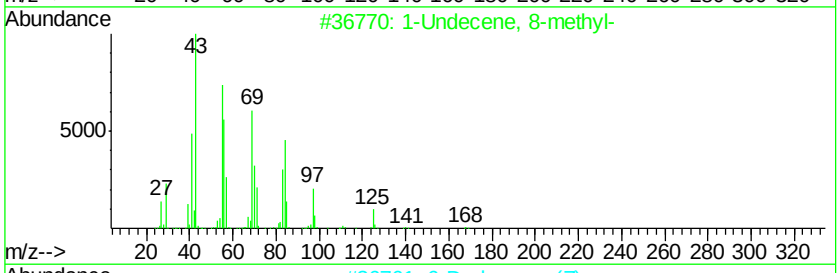
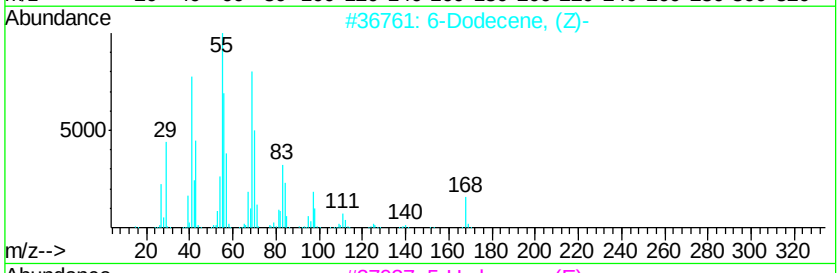
Peak Number 35 (DEL) Alkane: Cyclic16.08 Concentration Rank 40

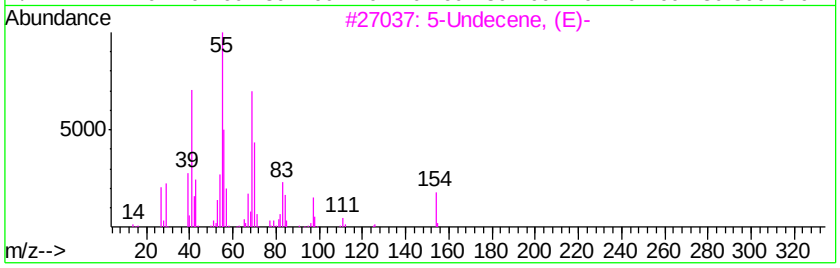
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	17.85 ng/ul	1728010	Phenanthrene-d10	17.22

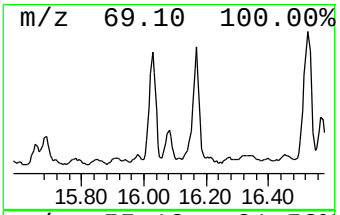
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 8-methyl-	168	C12H24	074630-40-3	89
2	6-Dodecene, (Z)-	168	C12H24	007206-29-3	76
3	5-Undecene, (E)-	154	C11H22	000764-97-6	68
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	68
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58

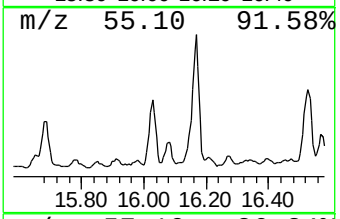


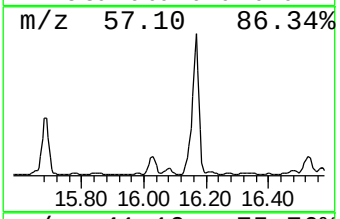


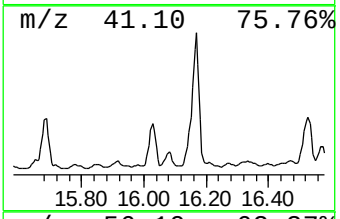


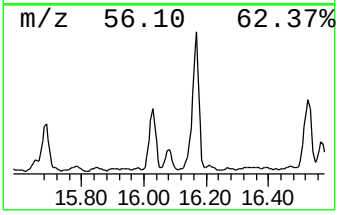












Library Search Compound Report

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Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

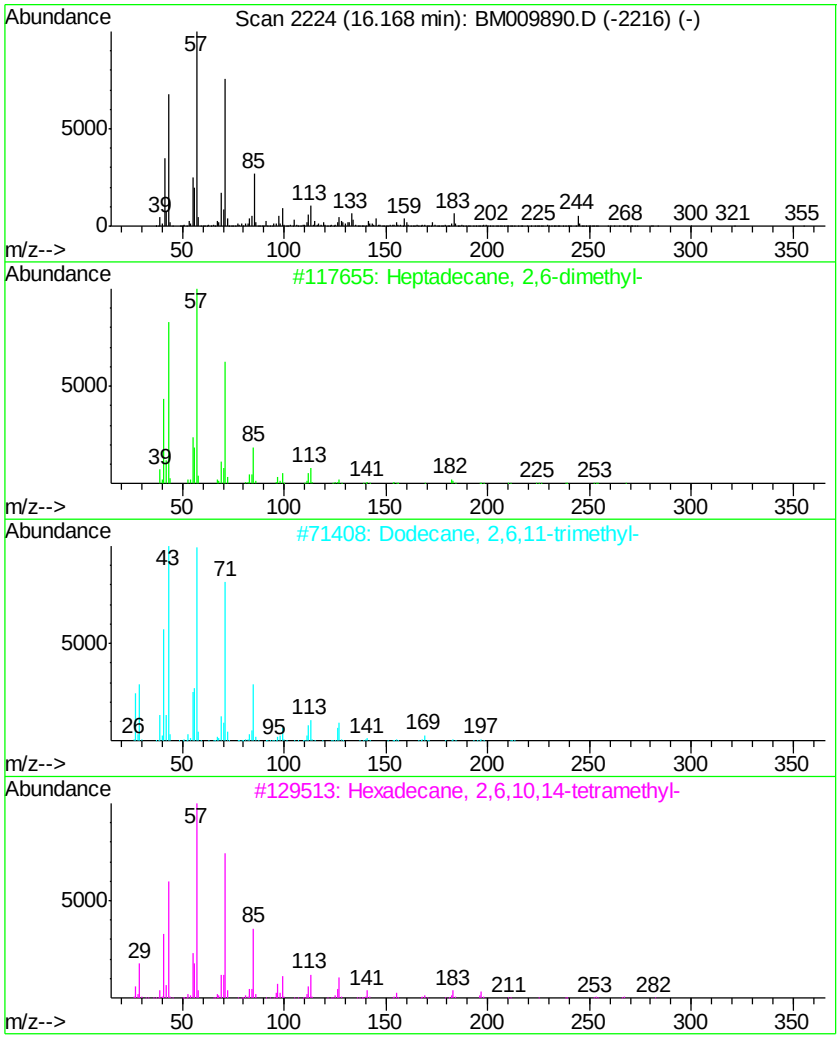
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

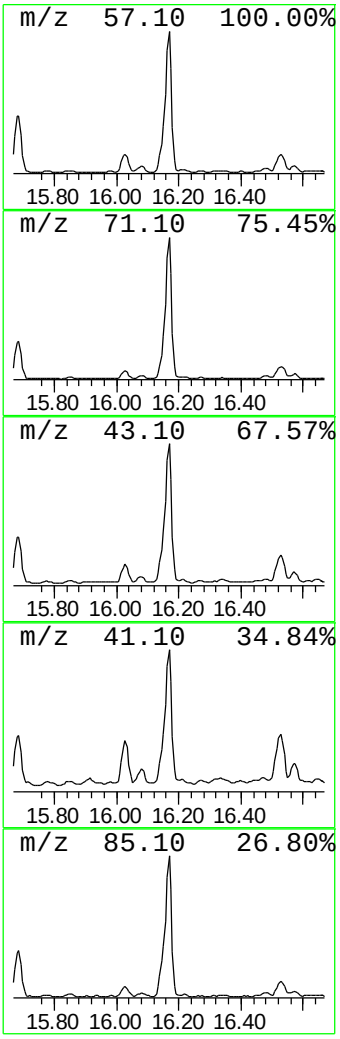
****

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	261.40 ng/ul	25308200	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	94
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	93
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64





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Quant Title : SVOA CALIBRATION

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

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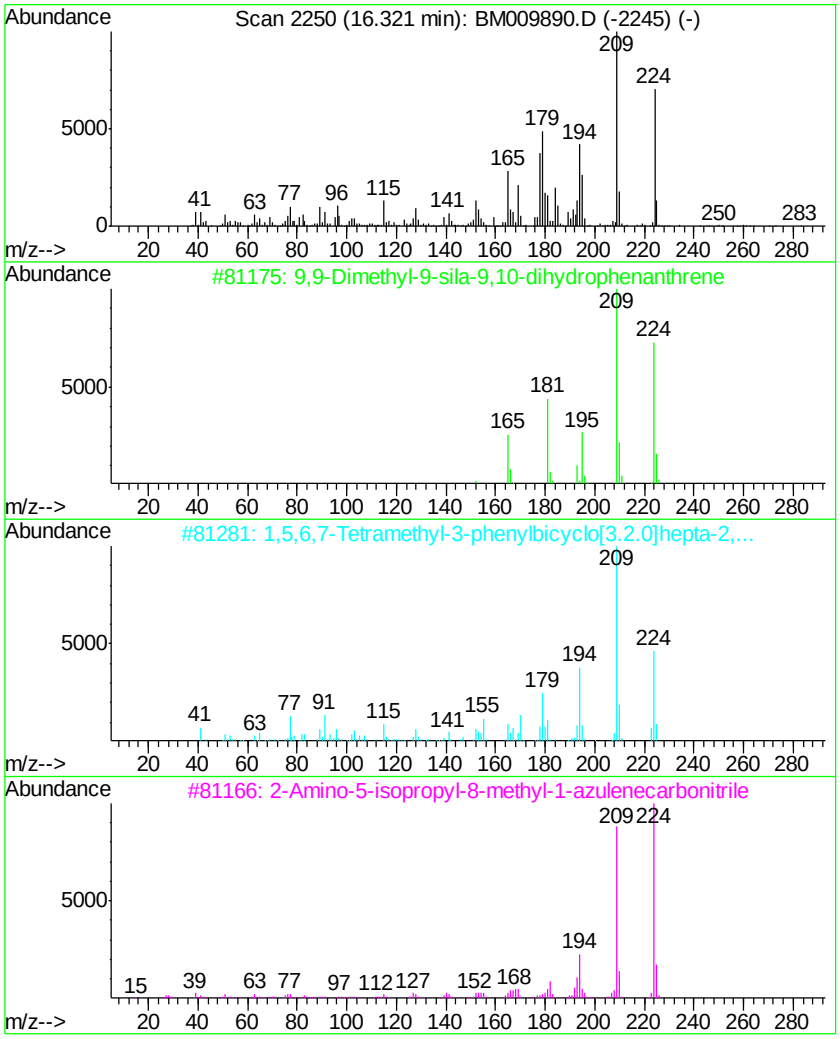
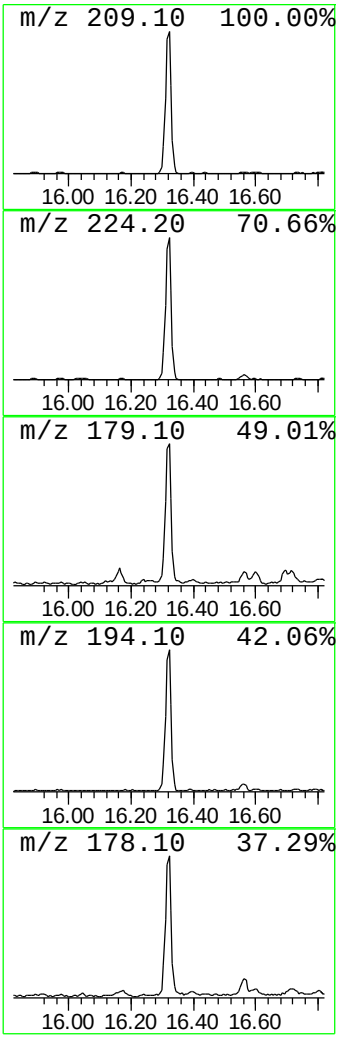
Peak Number 37 9,9-Dimethyl-9-sila-9,10-di... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	62.08 ng/ul	6010750	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dimethyl-9-sila-9,10-dihydro...	224	C15H16Si	187328-55-8	70
2	1,5,6,7-Tetramethyl-3-phenylbicy...	224	C17H20	126584-00-7	52
3	2-Amino-5-isopropyl-8-methyl-1-a...	224	C15H16N2	093946-48-6	45
4	1,4,7-Trimethyl-2-azafluorene	209	C15H15N	062736-78-1	43
5	Benzoic acid, 3-[(trimethylsilyl...	224	C11H16O3Si	027798-50-1	38





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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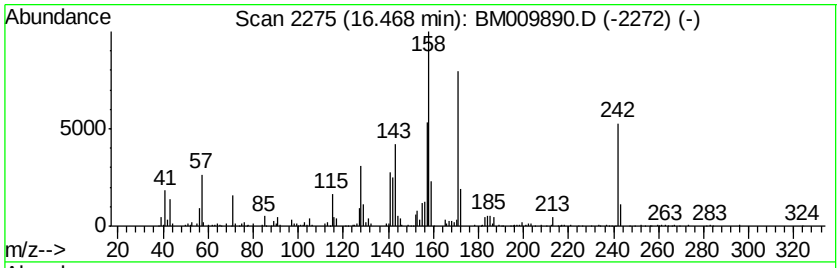
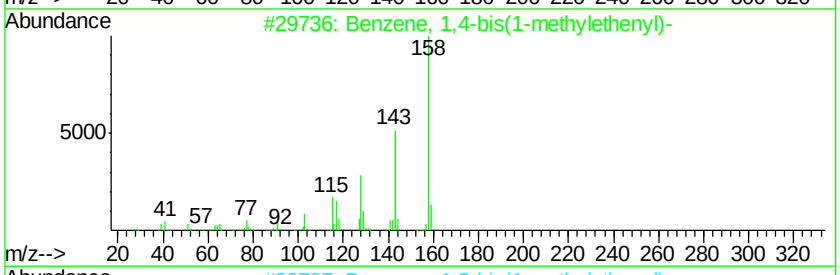
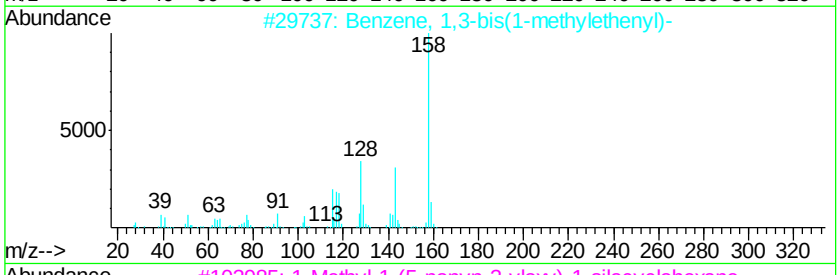
Peak Number 38 unknown-13 Concentration Rank 57

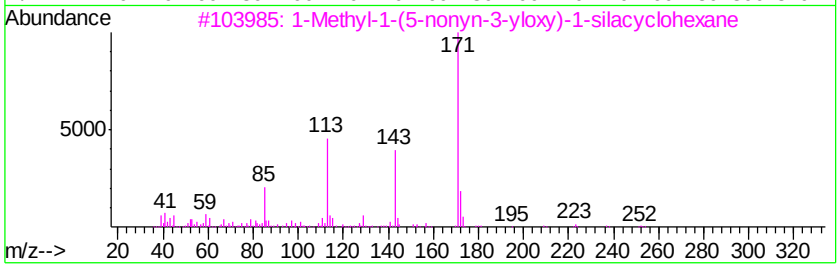
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	10.59 ng/ul	1024960	Phenanthrene-d10	17.22

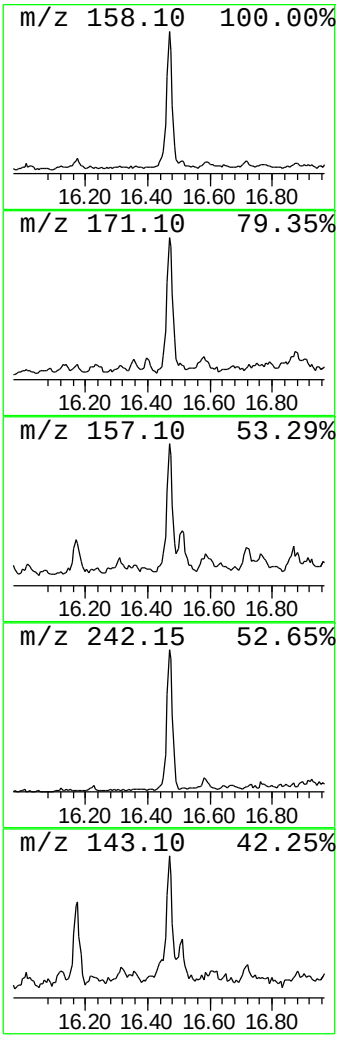
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	30
2	Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	30
3	1-Methyl-1-(5-nonyn-3-yloxy)-1-s...	252	C15H28OSi	1000245-85-2	27
4	Propan-1-one, 2,2-dimethyl-1-(3-...	242	C15H18N2O	1000264-30-1	27
5	5-Isopropyl-5-acetylamino-6-imin...	242	C9H14N4O2S	114477-69-9	27











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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

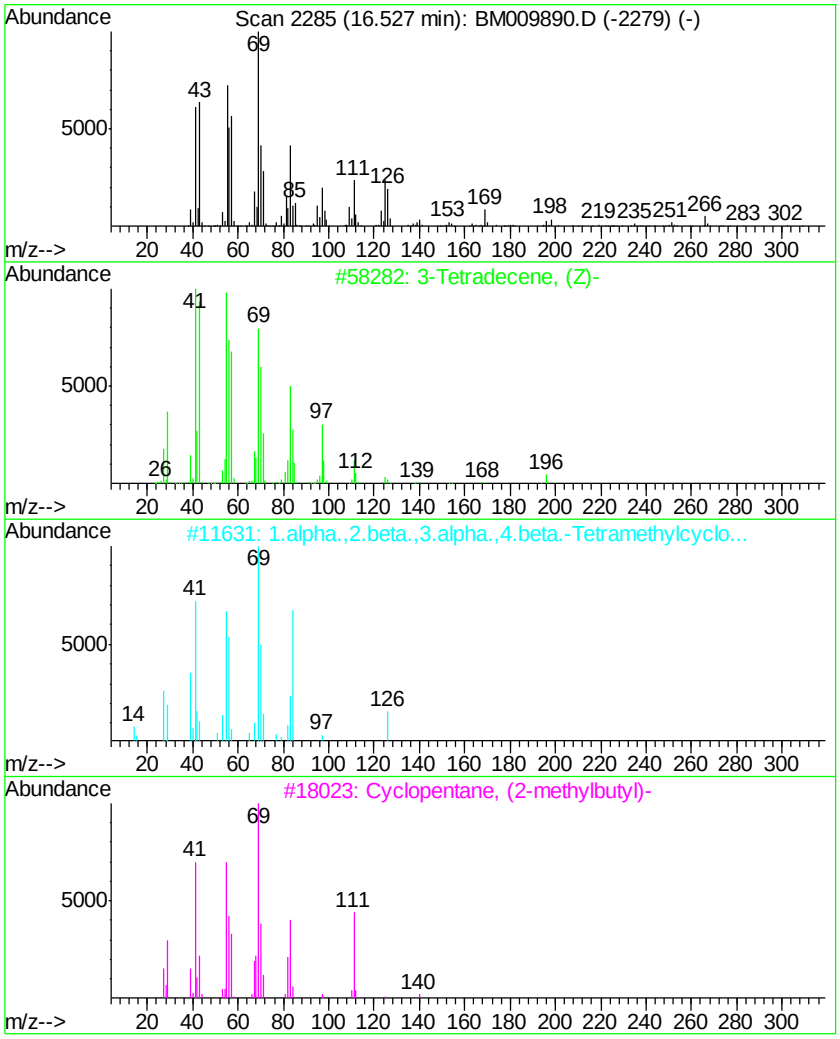
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

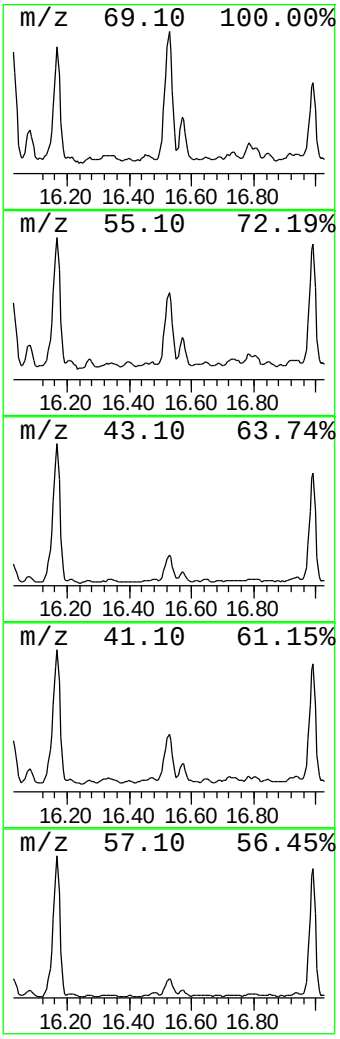
****

Peak Number 39 (DEL) Alkane: Cyclic16.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	89.54 ng/ul	8669450	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	64
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	58
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
4	4-Tetradecene, (E)-	196	C14H28	041446-78-0	49
5	7-Tetradecene	196	C14H28	010374-74-0	49





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Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

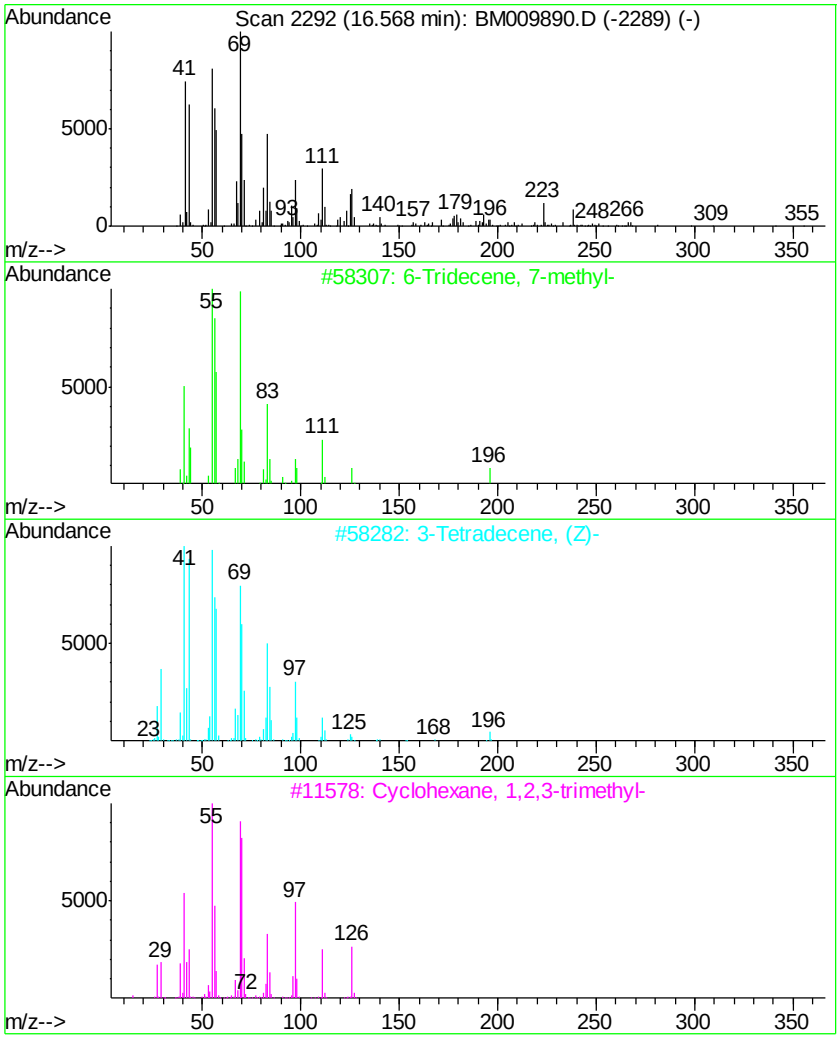
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

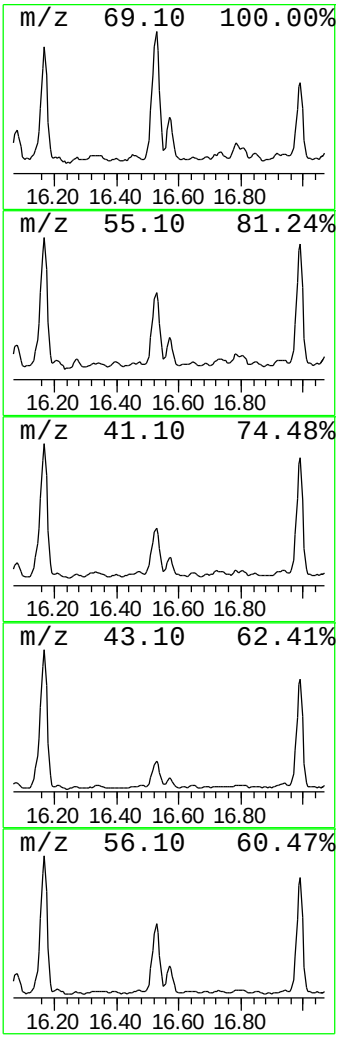
****

Peak Number 40 (DEL) Alkane: Cyclic16.57 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	22.02 ng/ul	2131810	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	70
3	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	62
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	52
5	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49





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Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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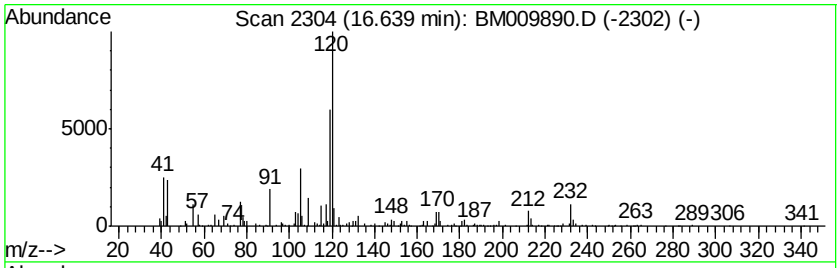
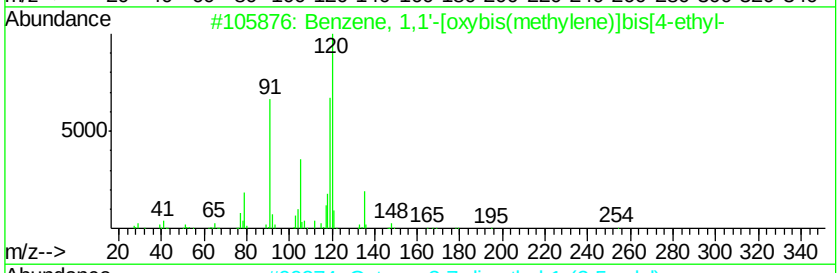
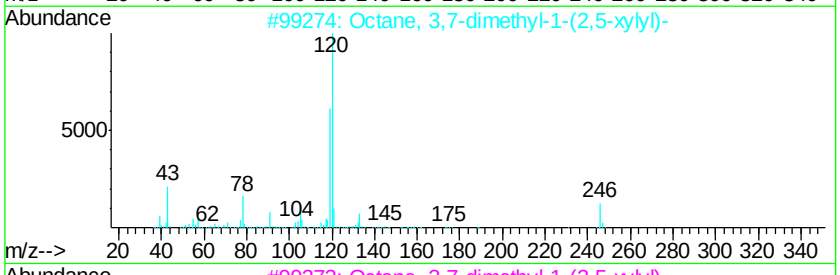
Peak Number 41 Benzene, 1,1'-[oxybis(methy... Concentration Rank 58

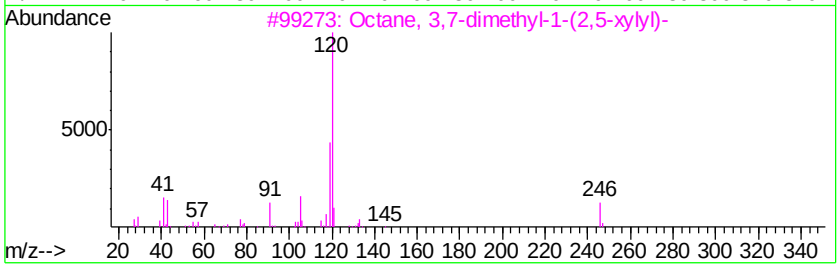
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	10.29 ng/ul	995892	Phenanthrene-d10	17.22

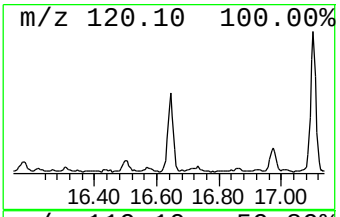
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[oxybis(methylene)...	254	C18H22O	055044-97-8	64
2	Octane, 3,7-dimethyl-1-(2,5-xylyl)-	246	C18H30	019550-60-8	53
3	Octane, 3,7-dimethyl-1-(2,5-xylyl)-	246	C18H30	019550-60-8	53
4	1,2-Benzenedimethanol	138	C8H10O2	000612-14-6	47
5	1-Decanone, 1-phenyl-	232	C16H24O	006048-82-4	38

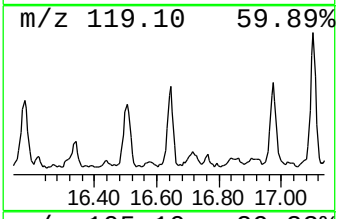


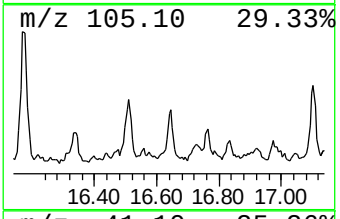


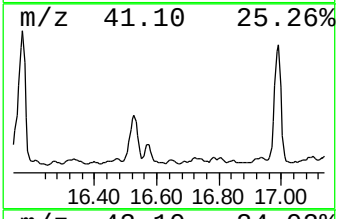


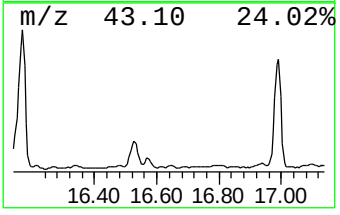












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Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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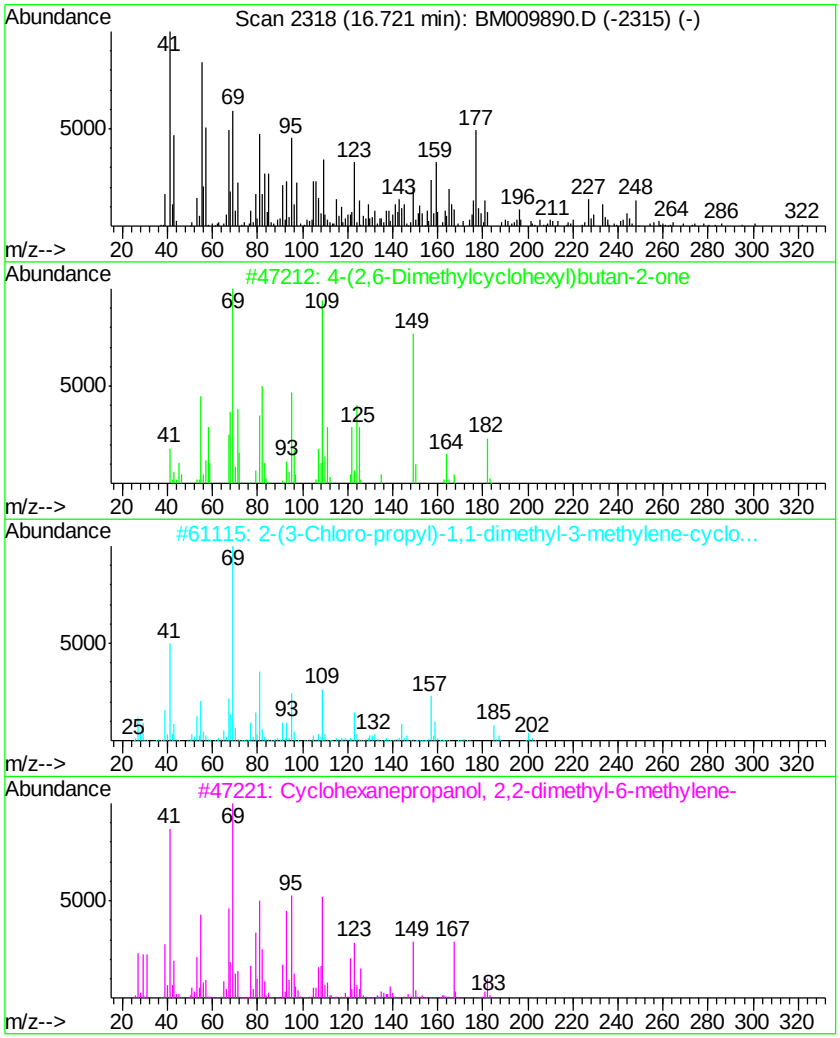
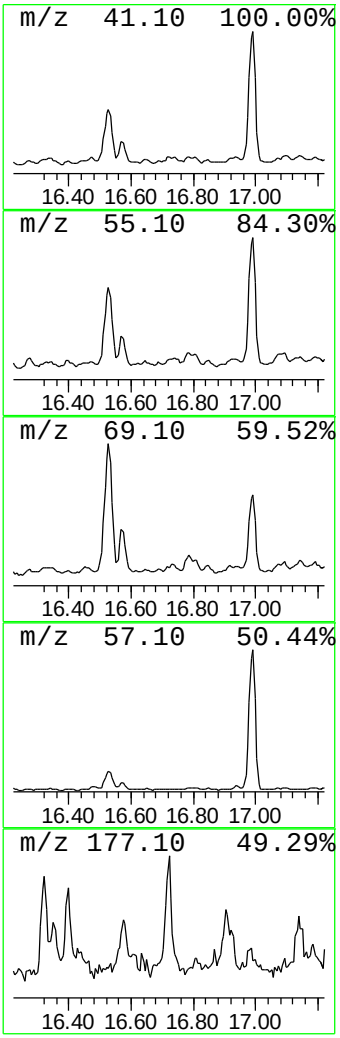
Peak Number 42 unknown-14 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	13.00 ng/ul	1258740	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(2,6-Dimethylcyclohexyl)butan-...	182	C12H22O	063307-60-8	25
2	2-(3-Chloro-propyl)-1,1-dimethyl...	200	C12H21Cl	1000191-45-6	22
3	Cyclohexanepropanol, 2,2-dimethy...	182	C12H22O	095452-04-3	18
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	15
5	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	14





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Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

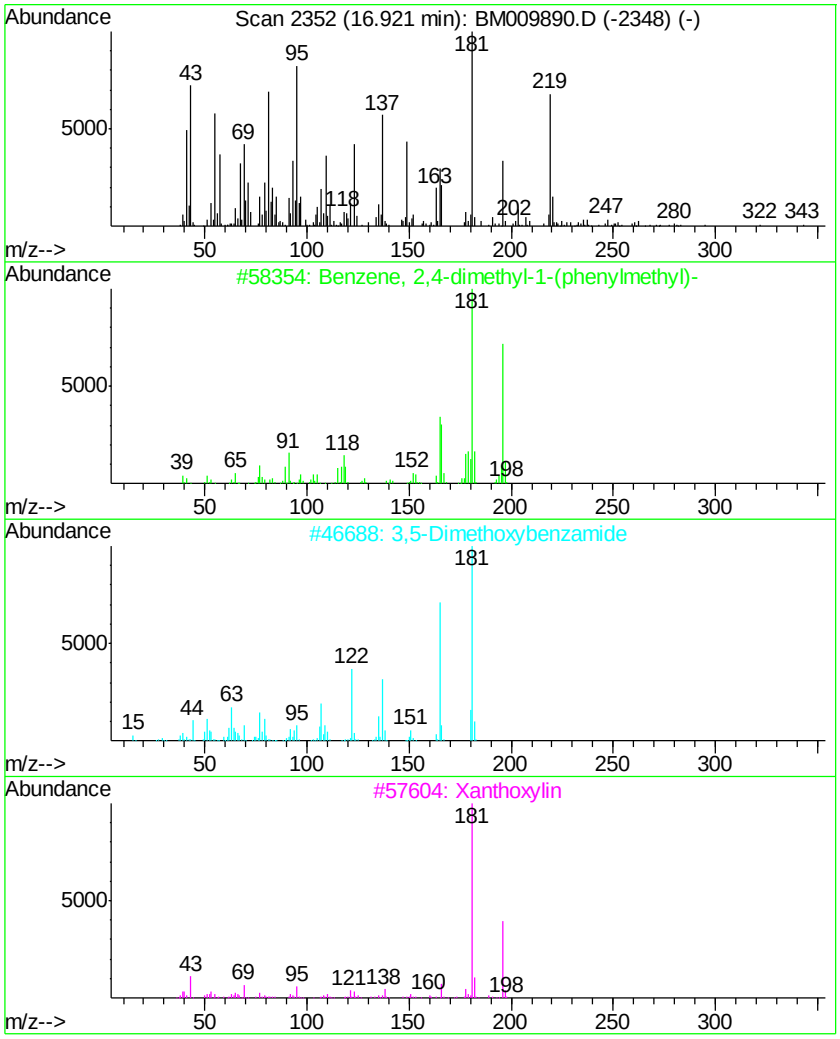
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

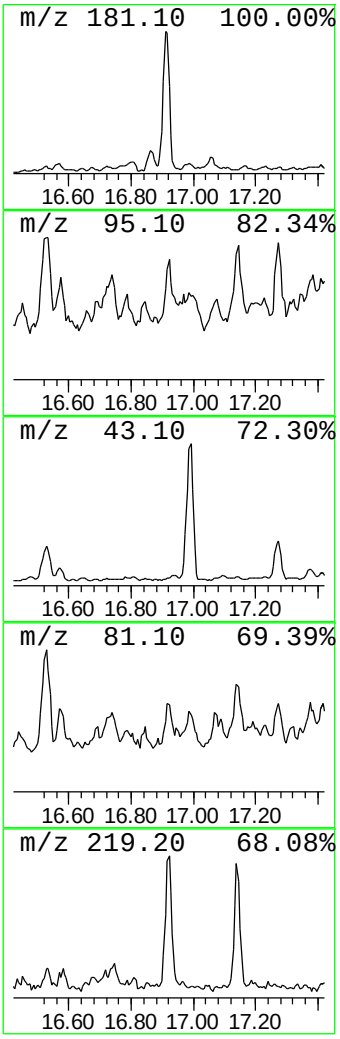
****

Peak Number 43 Benzene, 2,4-dimethyl-1-(ph... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	17.26 ng/ul	1670810	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	58
2	3,5-Dimethoxybenzamide	181	C9H11NO3	017213-58-0	49
3	Xanthoxylin	196	C10H12O4	000090-24-4	47
4	Thiophene, 2,5-bis(1,1-dimethyle...	196	C12H20S	001689-77-6	46
5	Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	43





Library Search Compound Report

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Sample : I2867-16
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

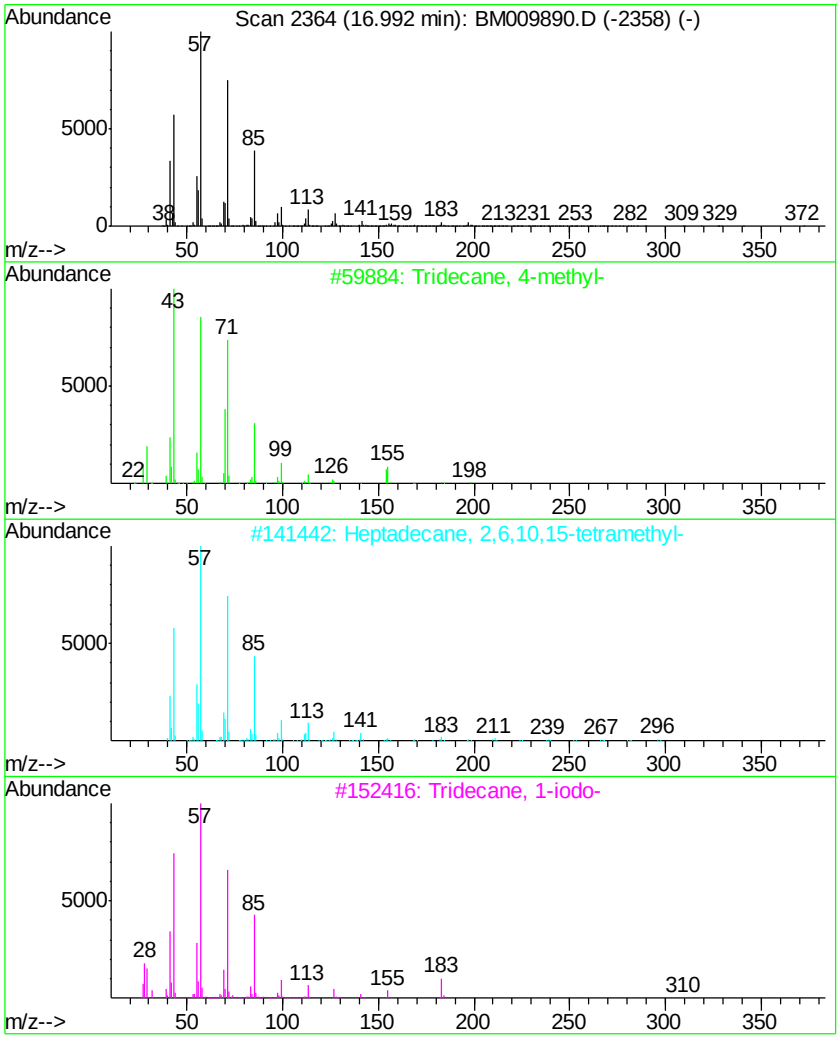
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

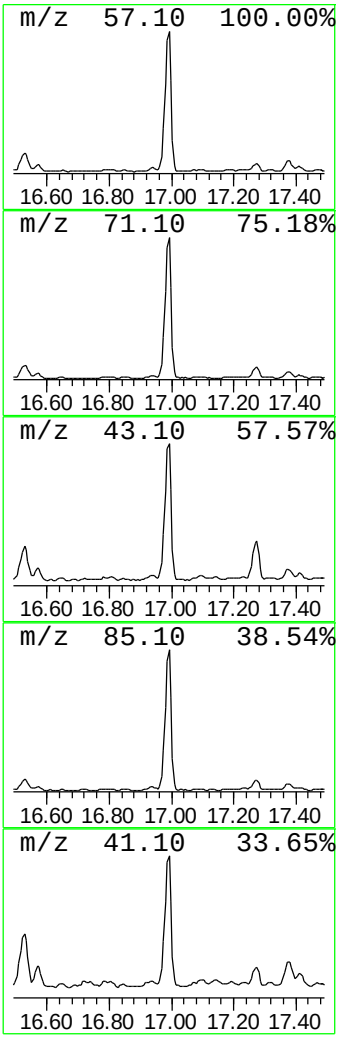
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	198.17 ng/ul	19186400	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Dodecane	170	C12H26	000112-40-3	87
5	Eicosane	282	C20H42	000112-95-8	86





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Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

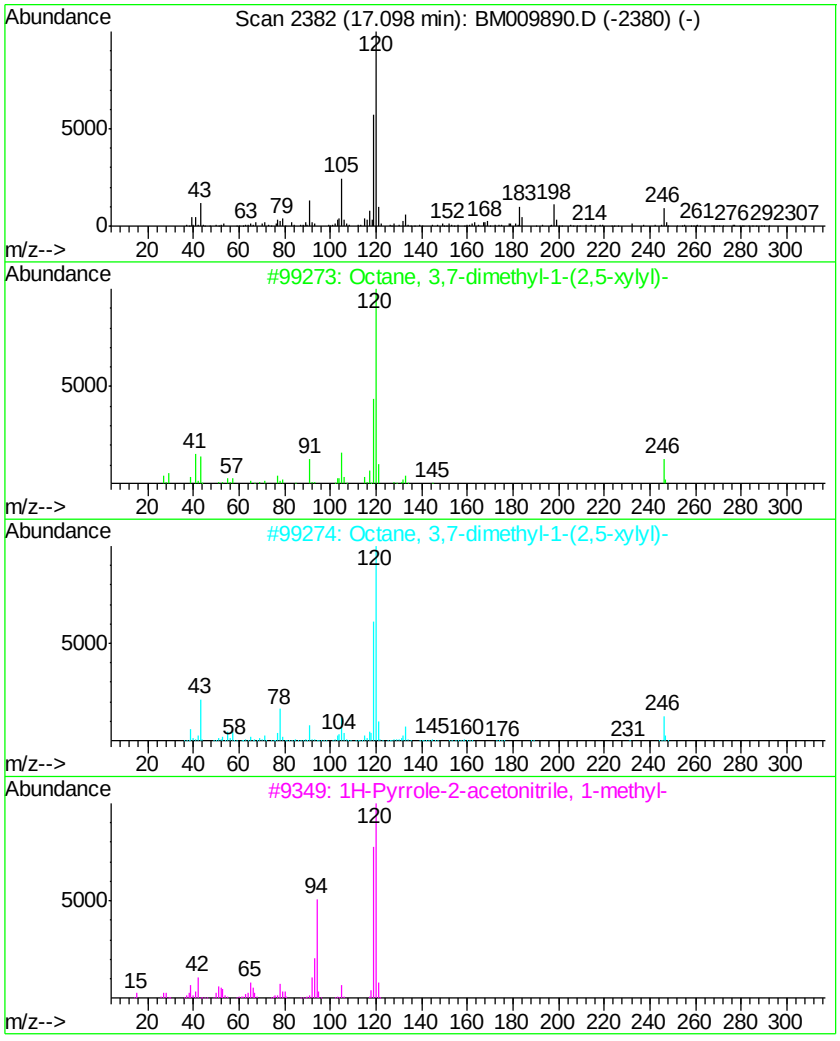
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

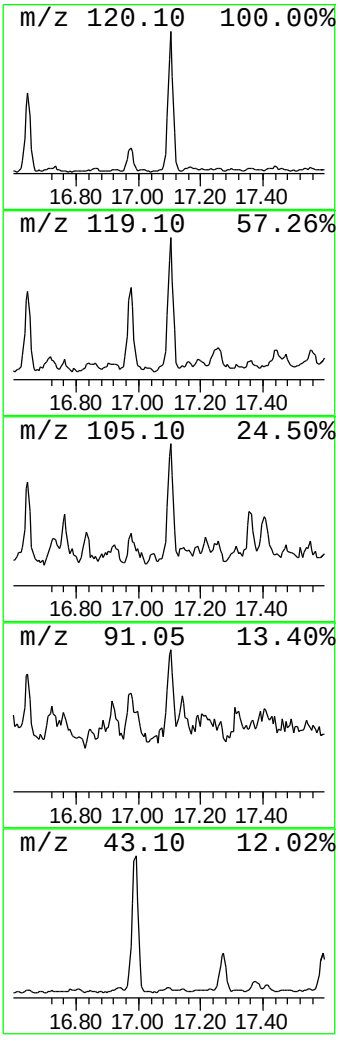
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Octane, 3,7-dimethyl-1-(2,5... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	8.83 ng/ul	854450	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,7-dimethyl-1-(2,5-xylyl)-	246	C18H30	019550-60-8	95
2	Octane, 3,7-dimethyl-1-(2,5-xylyl)-	246	C18H30	019550-60-8	89
3	1H-Pyrrole-2-acetonitrile, 1-met...	120	C7H8N2	024437-41-0	58
4	Acetamide, 2-(4-methylphenylamin...	246	C12H14N4O2	1000264-32-7	49
5	Benzenamine, 2-ethyl-6-methyl-	135	C9H13N	024549-06-2	38





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Sample : I2867-16
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

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

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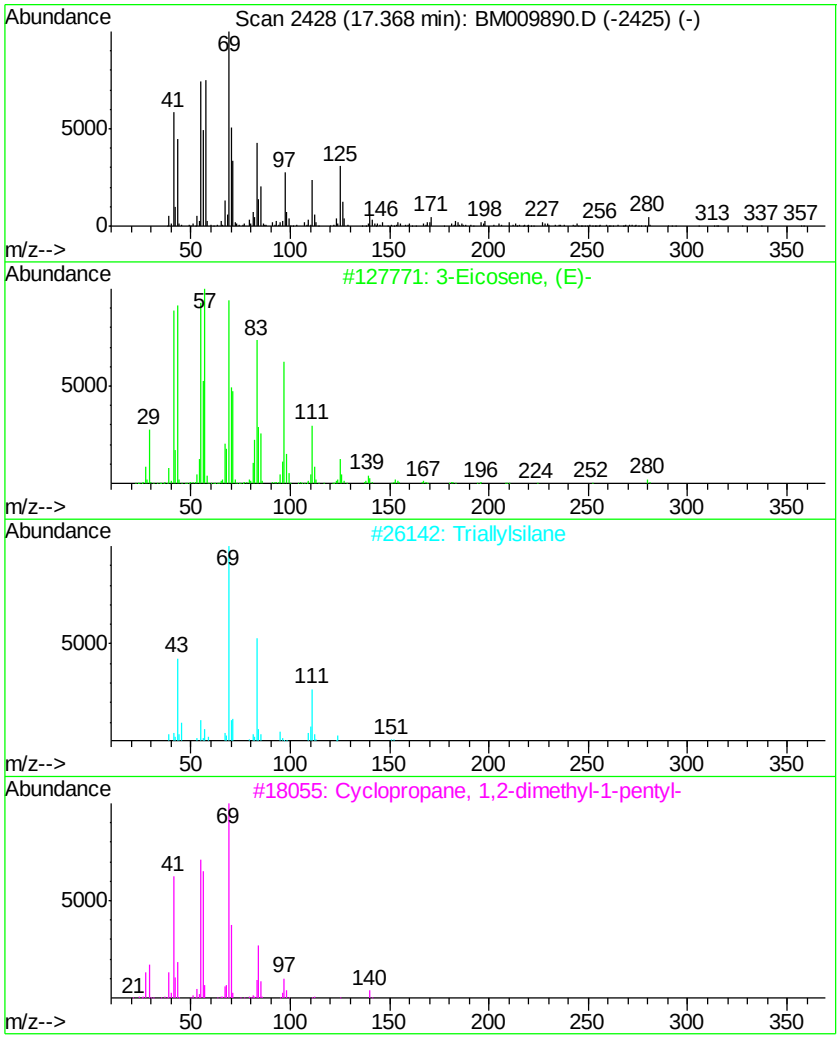
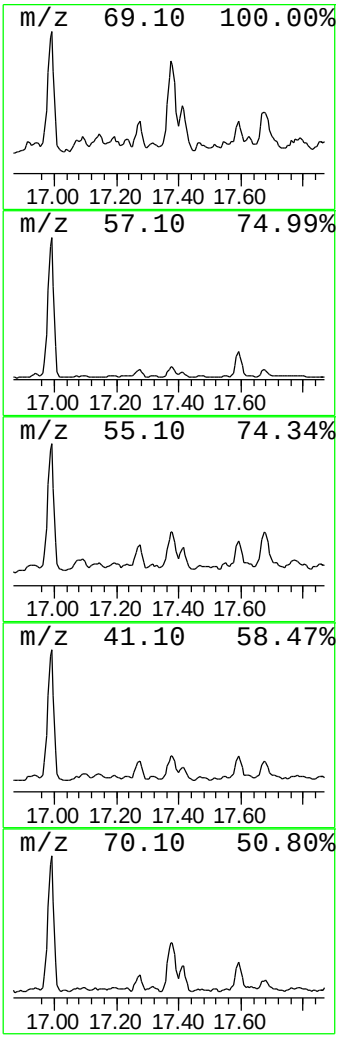
Peak Number 46 (DEL) Alkane: Cyclic17.37 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	35.50 ng/ul	3437070	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	45
2	Triallylsilane	152	C9H16Si	001116-62-7	43
3	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
4	2-Methyl-2-octene	126	C9H18	016993-86-5	43
5	cis-2-Nonene	126	C9H18	006434-77-1	42





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Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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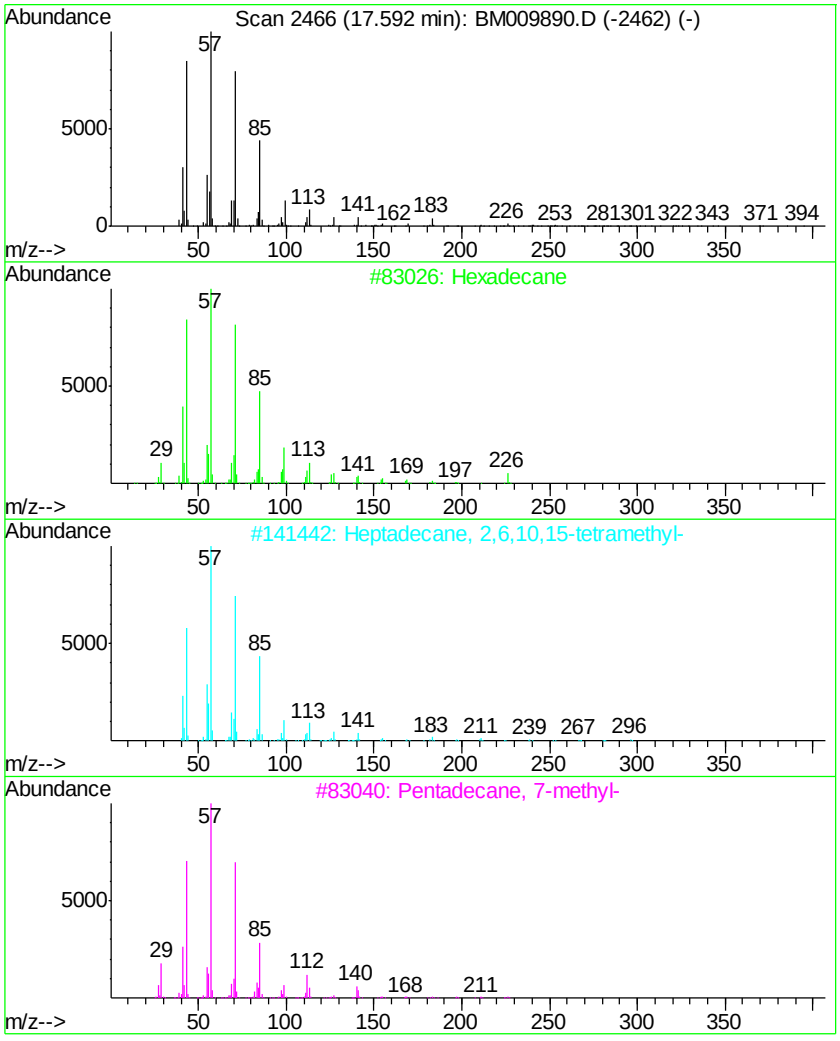
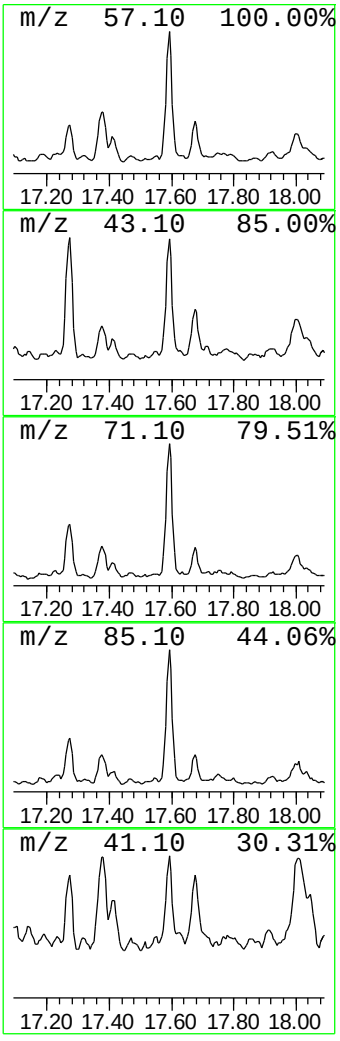
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	31.84 ng/ul	3082390	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	93
4	Tetradecane	198	C14H30	000629-59-4	91
5	Hexadecane	226	C16H34	000544-76-3	91





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : JHT93

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Quant Title : SVOA CALIBRATION

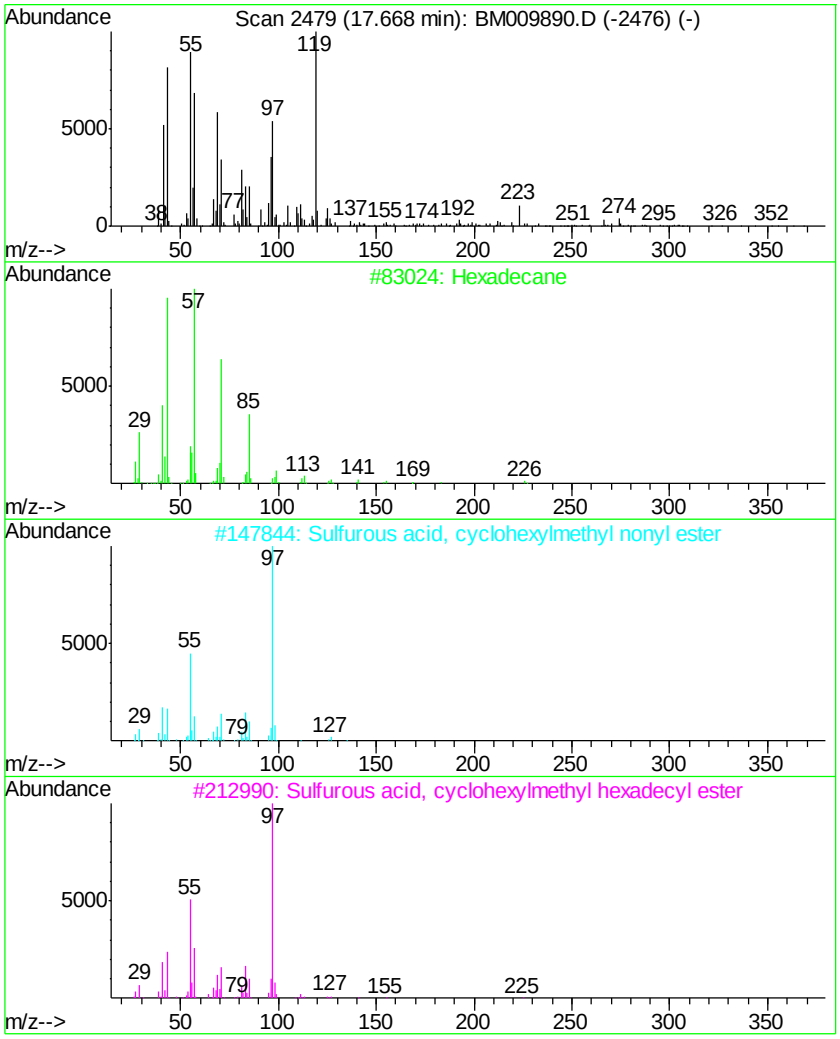
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

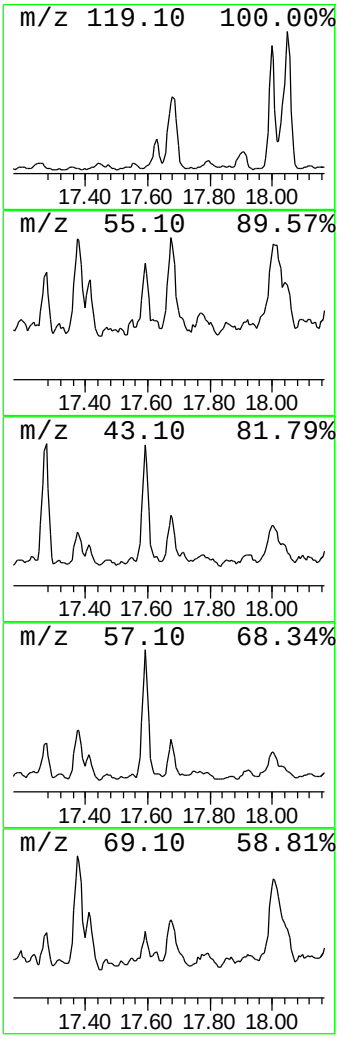
****

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	27.85 ng/ul	2696760	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	56
2	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	38
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	22
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	22
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	22





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Sample : I2867-16
Misc :
ALS Vial : 7 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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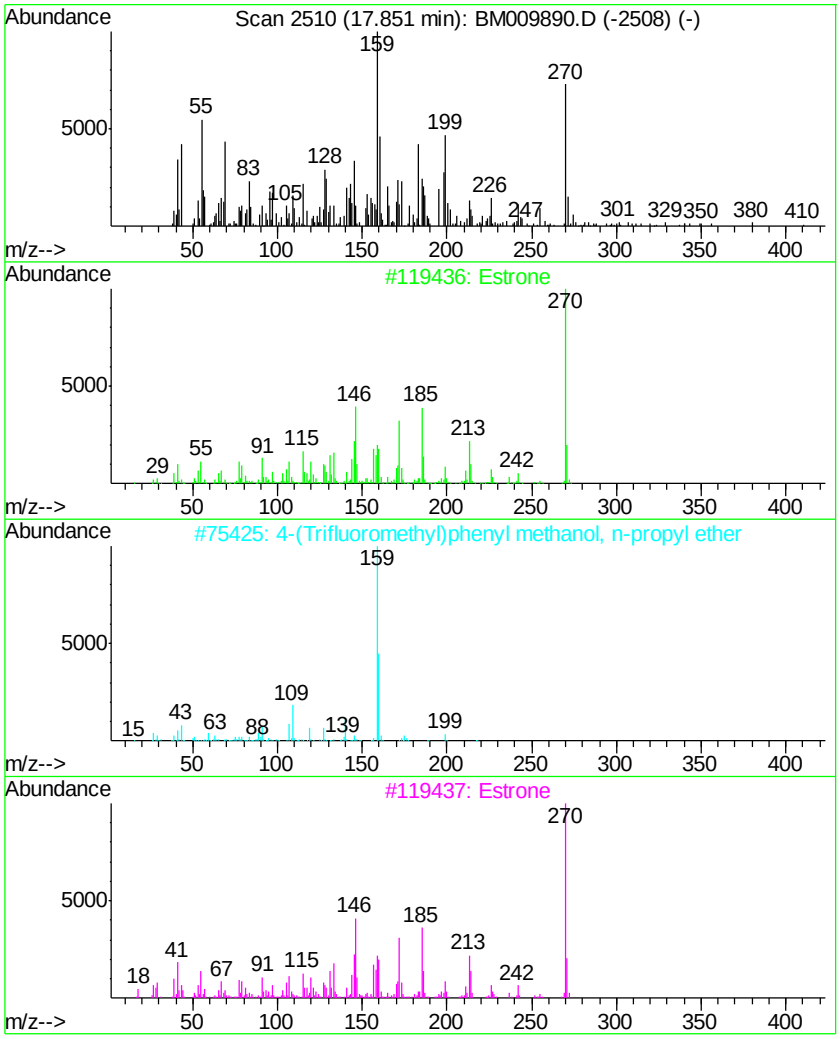
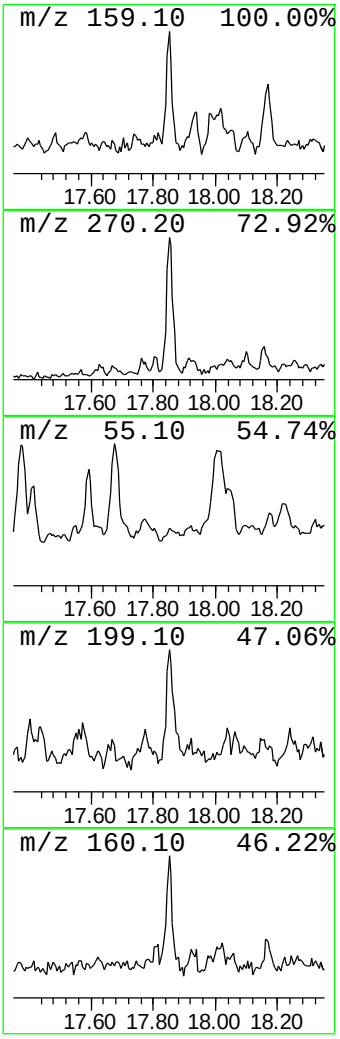
Peak Number 49 unknown-15 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	9.81 ng/ul	949781	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Estrone	270	C18H22O2	000053-16-7	25
2	4-(Trifluoromethyl)phenyl methan...	218	C11H13F3O	1000374-66-3	22
3	Estrone	270	C18H22O2	000053-16-7	15
4	Estrone	270	C18H22O2	000053-16-7	15
5	Estrone	270	C18H22O2	000053-16-7	15





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

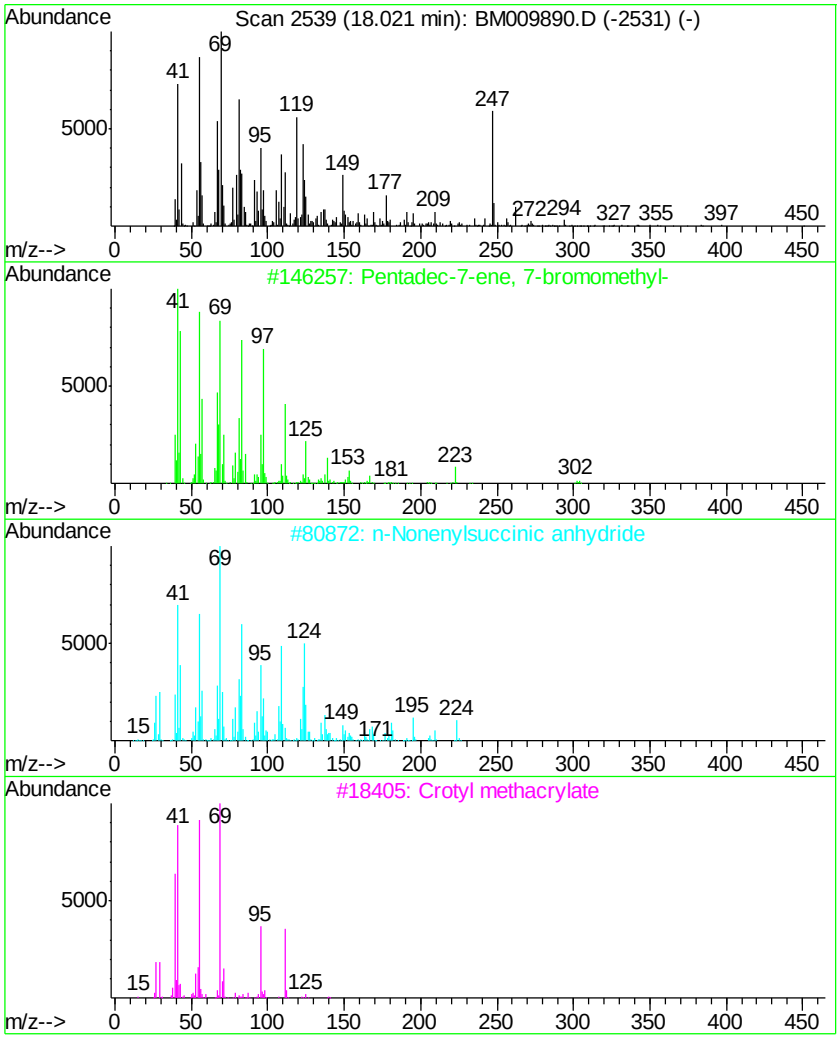
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

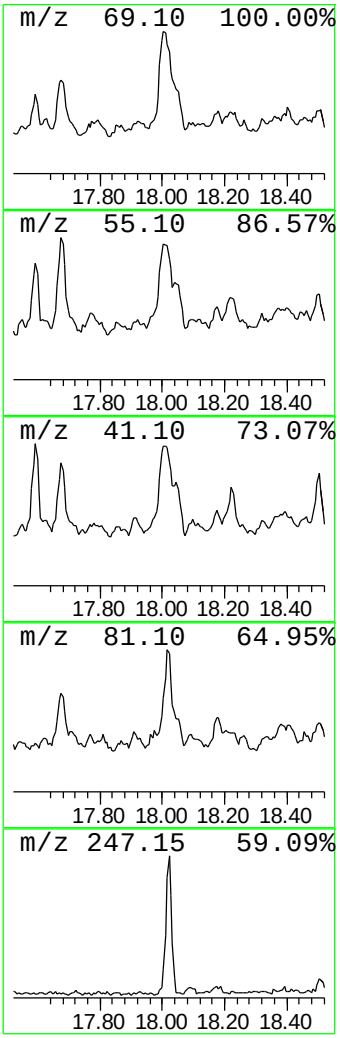
****

Peak Number 50 unknown-16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	66.33 ng/ul	6422220	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	42
2	n-Nonenylsuccinic anhydride	224	C13H20O3	028928-97-4	38
3	Crotyl methacrylate	140	C8H12O2	007376-45-6	38
4	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	30
5	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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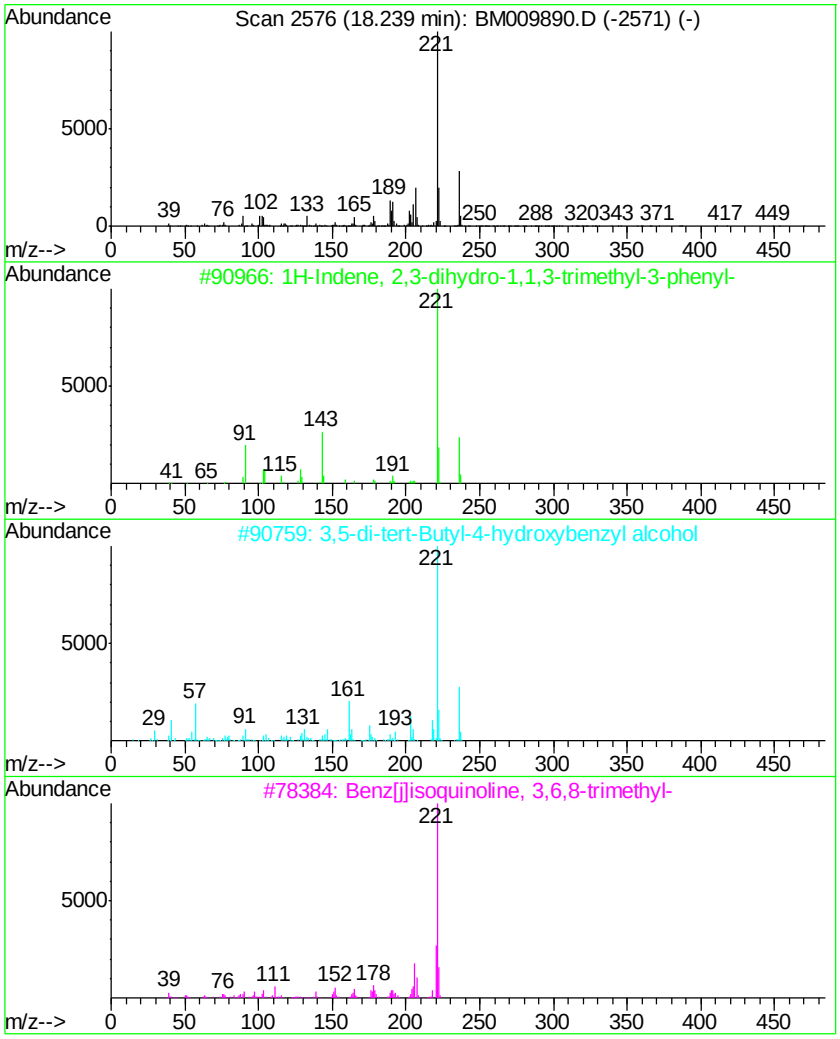
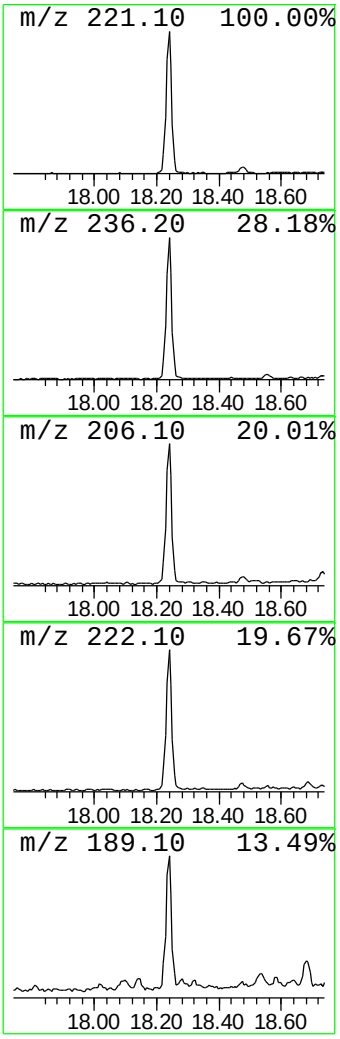
Peak Number 51 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	59.69 ng/ul	5779320	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	64
2	3,5-di-tert-Butyl-4-hydroxybenzy...	236	C15H24O2	000088-26-6	59
3	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	58
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	53
5	2-Pentene, 4-methyl-2,4-diphenyl-	236	C18H20	006258-73-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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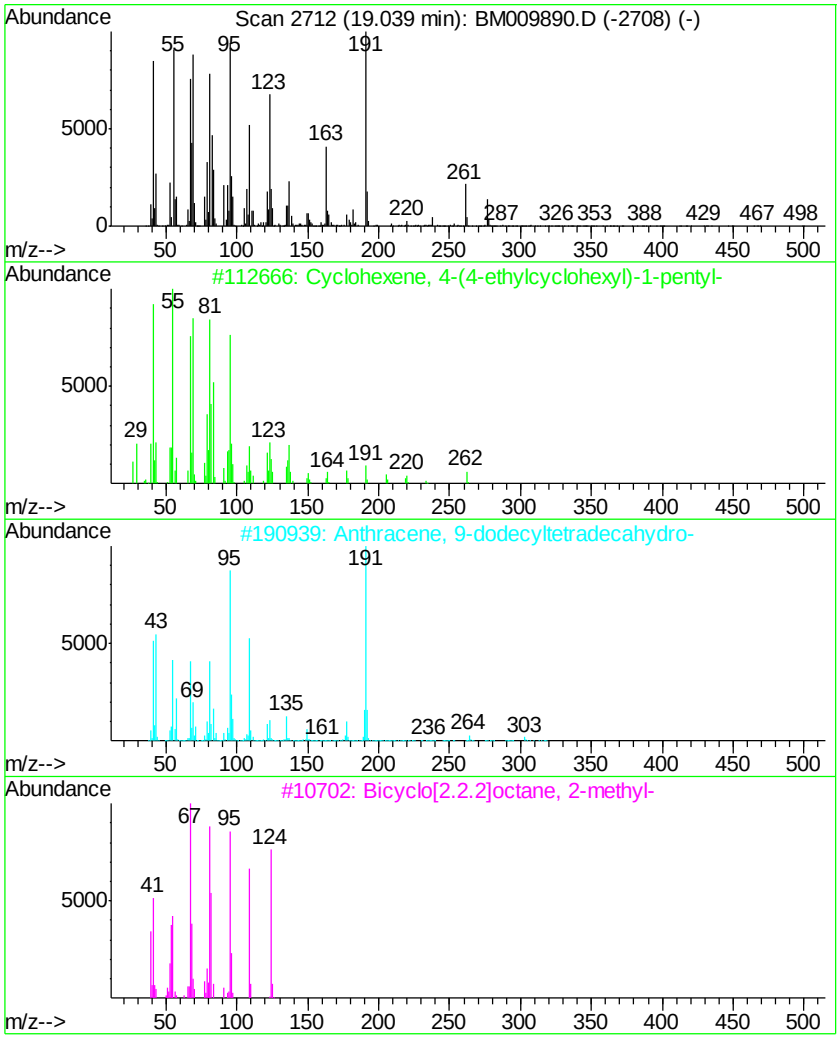
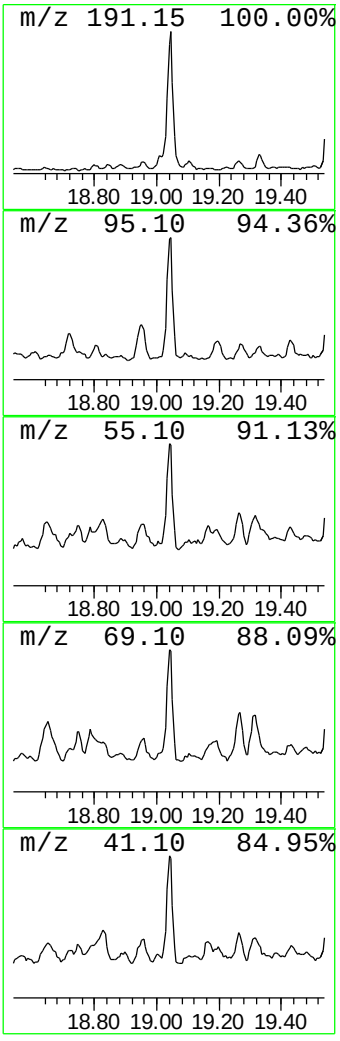
Peak Number 53 Cyclohexene, 4-(4-ethylcycl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	83.83 ng/ul	8116570	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	52
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	35
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	35
5	Methyl santolinate	182	C11H18O2	053163-37-4	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

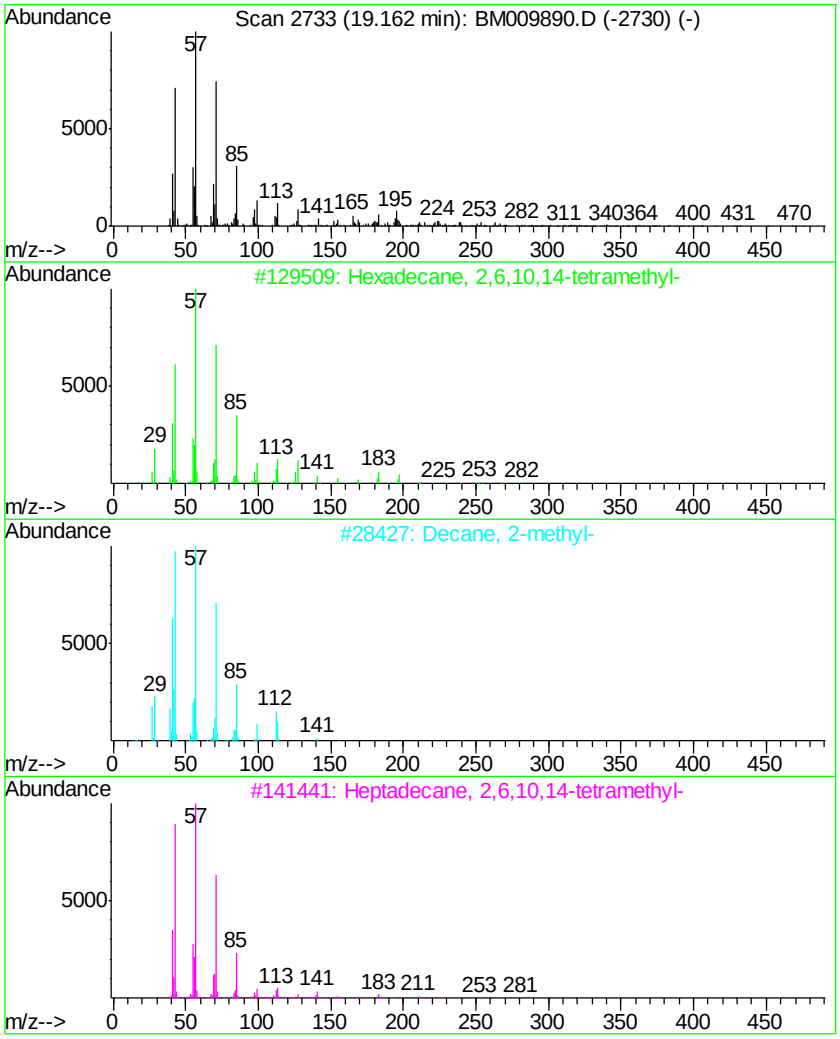
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

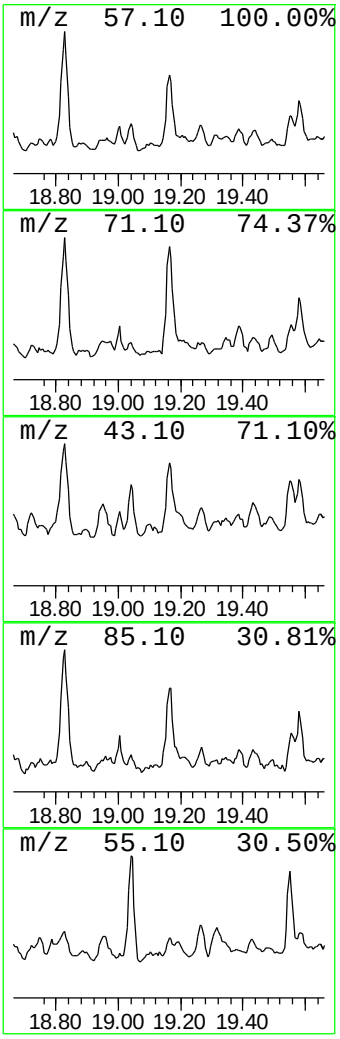
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	16.92 ng/ul	1638390	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Decane, 2-methyl-	156	C11H24	006975-98-0	90
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	81
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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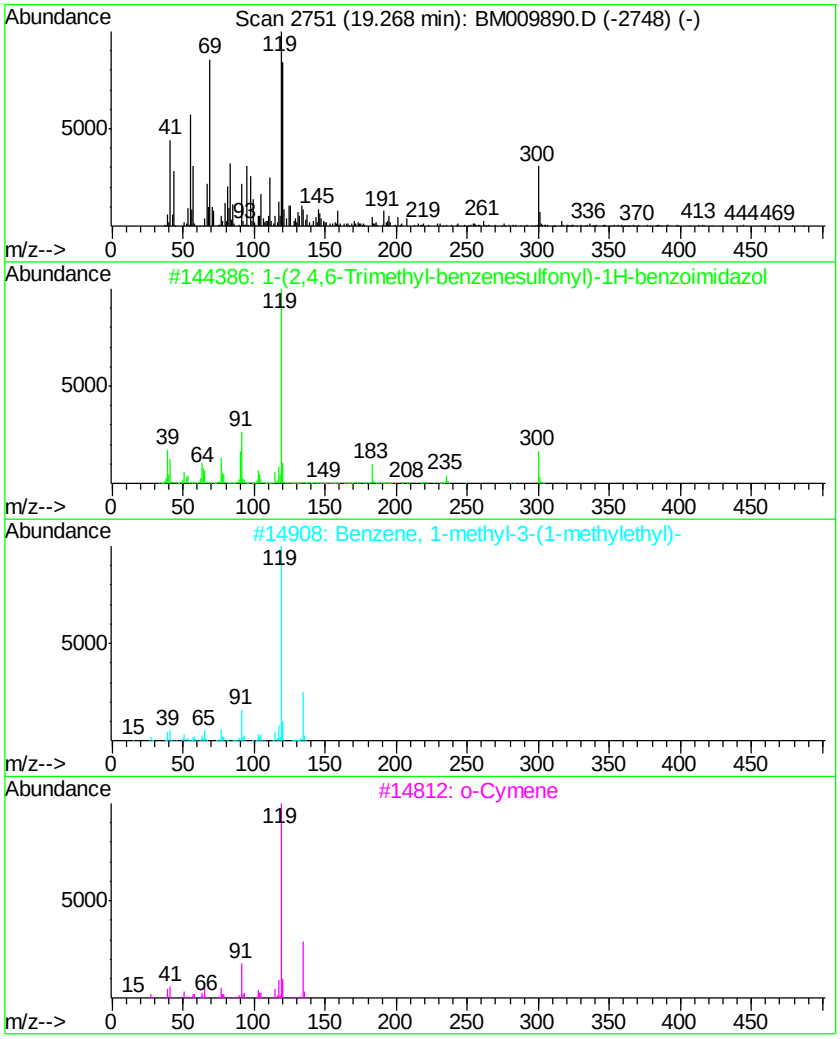
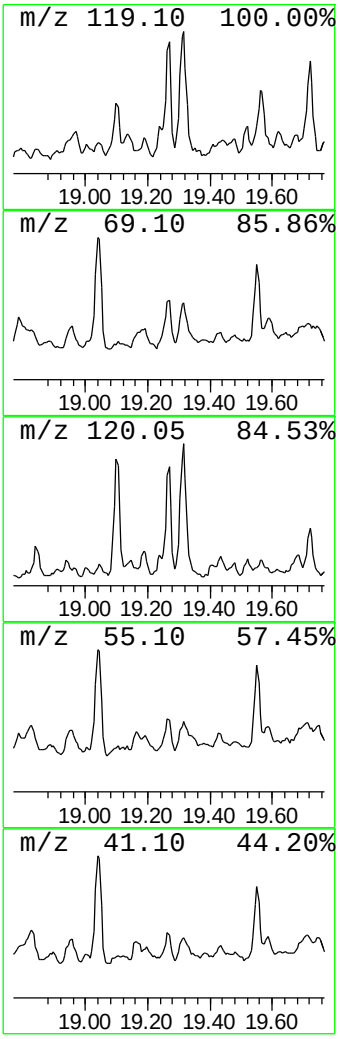
Peak Number 55 unknown-17 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	18.77 ng/ul	1817710	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,4,6-Trimethyl-benzenesulfon...	300	C16H16N2O2S	1000296-20-9	20
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	15
3	o-Cymene	134	C10H14	000527-84-4	15
4	o-Cymene	134	C10H14	000527-84-4	15
5	o-Cymene	134	C10H14	000527-84-4	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050417\
Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHT93

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
(DEL) Alkane: Cyc...	4.99	14.8	ng/ul	724882	1	7.80	978676	20.0
(DEL) Alkane: Cyc...	6.92	38.0	ng/ul	1860150	1	7.80	978676	20.0
Benzene, 1,2,3,4-...	7.93	16.0	ng/ul	781341	1	7.80	978676	20.0
(DEL) Alkane: Cyc...	8.33	52.0	ng/ul	2544370	1	7.80	978676	20.0
unknown-01	10.55	17.1	ng/ul	1085460	2	10.60	1269760	20.0
(DEL) Alkane: Cyc...	11.06	62.1	ng/ul	3941450	2	10.60	1269760	20.0
(DEL) Alkane: Cyc...	11.25	28.9	ng/ul	1837360	2	10.60	1269760	20.0
(DEL) Alkane: Str...	11.59	26.1	ng/ul	1653940	2	10.60	1269760	20.0
unknown-02	11.77	34.2	ng/ul	2171490	2	10.60	1269760	20.0
(DEL) Alkane: Cyc...	11.86	97.9	ng/ul	6213180	2	10.60	1269760	20.0
Bicyclo[2.2.2]oct...	11.92	18.4	ng/ul	1167420	2	10.60	1269760	20.0
(DEL) Alkane: Cyc...	11.99	27.8	ng/ul	1766560	2	10.60	1269760	20.0
unknown-03	12.32	27.4	ng/ul	1739050	2	10.60	1269760	20.0
unknown-04	12.42	11.7	ng/ul	743102	2	10.60	1269760	20.0
unknown-05	12.49	11.9	ng/ul	757197	2	10.60	1269760	20.0
Methyl ethyl cycl...	12.87	28.5	ng/ul	3118620	3	14.46	2186690	20.0
Naphthalene, 1,2,...	12.96	50.9	ng/ul	5567720	3	14.46	2186690	20.0
unknown-06	13.09	6.8	ng/ul	743217	3	14.46	2186690	20.0
(DEL) Alkane: Cyc...	13.23	28.1	ng/ul	3077490	3	14.46	2186690	20.0
2-Undecanone, 6,1...	13.30	8.3	ng/ul	911294	3	14.46	2186690	20.0
(DEL) Alkane: Cyc...	13.33	8.6	ng/ul	940204	3	14.46	2186690	20.0
(DEL) Alkane: Cyc...	13.76	14.6	ng/ul	1593440	3	14.46	2186690	20.0
(DEL) Alkane: Cyc...	14.27	17.5	ng/ul	1912210	3	14.46	2186690	20.0
unknown-07	14.40	35.7	ng/ul	3900100	3	14.46	2186690	20.0
unknown-08	14.77	61.5	ng/ul	6722020	3	14.46	2186690	20.0
(DEL) Alkane: Str...	14.82	10.9	ng/ul	1192800	3	14.46	2186690	20.0
unknown-09	14.86	7.5	ng/ul	817178	3	14.46	2186690	20.0
Naphthalene, 1,6,...	14.93	21.3	ng/ul	2328280	3	14.46	2186690	20.0
unknown-10	14.99	6.2	ng/ul	676489	3	14.46	2186690	20.0
unknown-11	15.23	27.4	ng/ul	3001160	3	14.46	2186690	20.0
unknown-12	15.77	9.4	ng/ul	1026100	3	14.46	2186690	20.0
4,7-Methanoazulen...	15.92	16.7	ng/ul	1612800	4	17.22	1936370	20.0
(DEL) Alkane: Cyc...	16.03	61.5	ng/ul	5956980	4	17.22	1936370	20.0
(DEL) Alkane: Cyc...	16.08	17.9	ng/ul	1728010	4	17.22	1936370	20.0
(DEL) Alkane: Str...	16.17	261.4	ng/ul	25308200	4	17.22	1936370	20.0
9,9-Dimethyl-9-si...	16.32	62.1	ng/ul	6010750	4	17.22	1936370	20.0
unknown-13	16.47	10.6	ng/ul	1024960	4	17.22	1936370	20.0
(DEL) Alkane: Cyc...	16.53	89.5	ng/ul	8669450	4	17.22	1936370	20.0
(DEL) Alkane: Cyc...	16.57	22.0	ng/ul	2131810	4	17.22	1936370	20.0
Benzene, 1,1'-[ox...	16.64	10.3	ng/ul	995892	4	17.22	1936370	20.0
unknown-14	16.72	13.0	ng/ul	1258740	4	17.22	1936370	20.0
Benzene, 2,4-dime...	16.92	17.3	ng/ul	1670810	4	17.22	1936370	20.0
(DEL) Alkane: Str...	16.99	198.2	ng/ul	19186400	4	17.22	1936370	20.0
Octane, 3,7-dimet...	17.10	8.8	ng/ul	854450	4	17.22	1936370	20.0
(DEL) Alkane: Cyc...	17.37	35.5	ng/ul	3437070	4	17.22	1936370	20.0
(DEL) Alkane: Str...	17.59	31.8	ng/ul	3082390	4	17.22	1936370	20.0
(DEL) Alkane: Str...	17.67	27.9	ng/ul	2696760	4	17.22	1936370	20.0
unknown-15	17.85	9.8	ng/ul	949781	4	17.22	1936370	20.0
unknown-16	18.02	66.3	ng/ul	6422220	4	17.22	1936370	20.0

1H-Indene, 2,3-di...	18.24	59.7	ng/ul	5779320	4	17.22	1936370	20.0
Cyclohexene, 4-(4...	19.04	83.8	ng/ul	8116570	4	17.22	1936370	20.0
(DEL) Alkane: Str...	19.16	16.9	ng/ul	1638390	4	17.22	1936370	20.0
unknown-17	19.27	18.8	ng/ul	1817710	4	17.22	1936370	20.0

Instrument :
BNA_M
ClientSampleId :
JHT93