LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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\SOM02.2-EPA-BM052016.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	5.646	513	520	529	rBV2	119587	240228	7.81%	0.310%
2	5.858	551	556	566	rBV	246032	437886	14.23%	0.566%
3	6.022	578	584	592	rBV4	246836	558581	18.15%	0.722%
4	6.164	600	608	616	rVB4	96165	251999	8.19%	0.326%
5	6.246	616	622	629	rBV3	234020	426010	13.84%	0.550%
6	6.316	629	634	637	rBV	187033	308233	10.02%	0.398%
7	6.364	637	642	648	rVV3	197130	554860	18.03%	0.717%
8	6.434	648	654	663	rVV7	257564	809494	26.30%	1.046%
9	6.516	663	668	673	rVV2	321959	530696	17.24%	0.686%
10	6.581	673	679	686	rVB3	362709	673071	21.87%	0.869%
11	6.722	699	703	707	rBV	122806	192284	6.25%	0.248%
12	6.858	721	726	730	rBV4	147688	236610	7.69%	0.306%
13	6.922	730	737	739	rBV2	209995	375894	12.21%	0.486%
14	7.046	753	758	761	rBV	364246	593497	19.28%	0.767%
15	7.093	761	766	771	rVV3	486812	1023370	33.25%	1.322%
16	7.146	771	775	779	rVV3	453909	678030	22.03%	0.876%
17	7.187	779	782	788	rVB2	172584	253713	8.24%	0.328%
18	7.263	788	795	798	rBV8	188932	420388	13.66%	0.543%
19	7.305	798	802	808	rVB5	127574	307110	9.98%	0.397%
20	7.416	817	821	828	rBV6	119314	260810	8.47%	0.337%
21	7.487	828	833	839	rBV3	272973	525825	17.09%	0.679%
22	7.569	843	847	857	rVB6	133246	404637	13.15%	0.523%
23	7.693	857	868	871	rBV3	375760	1071823	34.83%	1.385%
24	7.769	877	881	886	rVB	409154	658112	21.38%	0.850%
25	7.834	886	892	897	rVB4	212928	373080	12.12%	0.482%
26	7.899	897	903	906	rBV4	138903	344967	11.21%	0.446%
27	7.952	906	912	916	rVB3	392845	777715	25.27%	1.005%
28	8.034	922	926	930	rVV3	119574	202478	6.58%	0.262%
29	8.110	936	939	945	rVB3	172906	275523	8.95%	0.356%
30	8.169	945	949	952	rBV3	144127	221561	7.20%	0.286%
31	8.210	952	956	960	rVB3	131295	212855	6.92%	0.275%
32	8.293	960	970	971	rBV4	168265	403575	13.11%	0.521%
33	8.316	971	974	984	rVB	262398	435011	14.13%	0.562%
34	8.481	996	1002	1007	rBV3	216690	440907	14.33%	0.570%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

35	8.634	1019	1028	1038	rBV9	241881	936547	30.43%	1.210%
36	8.746	1041	1047	1056	rVB4	189468	559483	18.18%	0.723%
37	8.857	1056	1066	1072	rBV6	308766	960865	31.22%	1.241%
38	8.928	1074	1078	1089	rVV3	156426	441262	14.34%	0.570%
39	9.022	1091	1094	1099	rVB4	150623	234521	7.62%	0.303%
40	9.081	1099	1104	1105	rBV3	217140	345265	11.22%	0.446%
41	9.104	1106	1108	1116	rVB5	334743	625437	20.32%	0.808%
42	9.187	1116	1122	1124	rBV3	111191	205662	6.68%	0.266%
43	9.293	1134	1140	1144	rBV3	130518	298647	9.70%	0.386%
44	9.481	1165	1172	1177	rBV	623009	1071409	34.81%	1.384%
45	9.646	1184	1200	1205	rBV9	218873	922750	29.98%	1.192%
46	9.740	1210	1216	1222	rBV3	436413	907533	29.49%	1.172%
47	9.840	1229	1233	1236	rBV	157273	238949	7.76%	0.309%
48	9.957	1249	1253	1256	rBV4	86017	170200	5.53%	0.220%
49	10.057	1267	1270	1274	rBV2	74263	111257	3.62%	0.144%
50	10.140	1279	1284	1289	rBV5	140777	380152	12.35%	0.491%
51	10.193	1290	1293	1298	rVB2	223197	330685	10.74%	0.427%
52	10.257	1299	1304	1306	rBV2	194147	330845	10.75%	0.427%
53	10.340	1314	1318	1330	rVB5	319919	773903	25.15%	1.000%
54	10.522	1343	1349	1352	rBV	507360	991431	32.21%	1.281%
55	10.563	1352	1356	1362	rVV3	979580	1907983	62.00%	2.465%
56	10.628	1363	1367	1371	rVV5	367958	647184	21.03%	0.836%
57	10.681	1372	1376	1384	rVB5	272286	619522	20.13%	0.800%
58	10.851	1401	1405	1409	rVB4	178394	242808	7.89%	0.314%
59	10.969	1422	1425	1430	rVB3	269155	374008	12.15%	0.483%
60	11.046	1433	1438	1443	rVB4	561130	975407	31.69%	1.260%
61	11.240	1462	1471	1480	rBV5	539373	1715235	55.73%	2.216%
62	11.322	1481	1485	1489	rVV3	224218	368977	11.99%	0.477%
63	11.387	1493	1496	1501	rVB4	287724	466258	15.15%	0.602%
64	11.616	1530	1535	1539	rBV3	524174	980545	31.86%	1.267%
65	11.751	1554	1558	1565	rVB4	388397	744483	24.19%	0.962%
66	11.840	1566	1573	1578	rBV3	423298	1170451	38.03%	1.512%
67	12.028	1600	1605	1612	rVB6	401758	898996	29.21%	1.161%
68	12.093	1613	1616	1619	rBV4	190995	250978	8.15%	0.324%
69	12.187	1629	1632	1642	rVB	519500	897243	29.15%	1.159%
70	12.298	1647	1651	1652	rBV2	307269	380340	12.36%	0.491%
71	12.428	1669	1673	1678	rVB4	536502	780363	25.36%	1.008%

LSC Area Percent Report

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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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\SOM02.2-EPA-BM052016.M
Title : SVOA CALIBRATION

72	12.610	1700	1704	1709	rBV5	392835	705517	22.92%	0.911%
73	12.845	1739	1744	1749	rVB6	707473	1334112	43.35%	1.723%
74	12.998	1767	1770	1776	rVB5	421979	742203	24.12%	0.959%
75	13.222	1804	1808	1816	rVB5	648274	1038579	33.75%	1.342%
76	13.469	1846	1850	1854	rBV	738106	1090404	35.43%	1.409%
77	14.145	1961	1965	1974	rVB4	681474	1415079	45.98%	1.828%
78	14.416	2008	2011	2018	rVB3	910437	1351604	43.92%	1.746%
79	14.545	2030	2033	2037	rVB2	749025	995882	32.36%	1.286%
80	14.822	2077	2080	2083	rVB	732488	873973	28.40%	1.129%
81	15.039	2112	2117	2121	rBV	1618032	3077620	100.00%	3.976%
82	15.092	2123	2126	2130	rVB	1153877	1551791	50.42%	2.005%
83	15.192	2139	2143	2148	rBV3	960579	1741254	56.58%	2.249%
84	15.239	2149	2151	2155	rVB	749654	930373	30.23%	1.202%
85	15.516	2194	2198	2202	rBV2	902992	1523943	49.52%	1.969%
86	15.592	2208	2211	2215	rVB2	1092170	1412760	45.90%	1.825%
87	15.681	2223	2226	2231	rBV2	725101	1189181	38.64%	1.536%
88	16.528	2367	2370	2375	rVB4	797430	1080127	35.10%	1.395%
89	17.163	2475	2478	2482	rBV2	673733	912160	29.64%	1.178%
90	18.039	2623	2627	2631	rBV	882981	1434353	46.61%	1.853%
91	18.227	2656	2659	2663	rVB3	697160	961804	31.25%	1.242%
92	18.839	2760	2763	2767	rBV	365601	460374	14.96%	0.595%
93	18.957	2779	2783	2788	rBV	898641	1443490	46.90%	1.865%
94	19.221	2824	2828	2834	rBV	1594042	2203454	71.60%	2.846%
95	19.557	2881	2885	2887	rBV2	628623	975723	31.70%	1.260%
96	19.586	2887	2890	2898	rVV2	1524388	2604214	84.62%	3.364%
97	19.663	2899	2903	2908	rVB2	450790	720445	23.41%	0.931%
98	21.345	3183	3189	3192	rBV2	1196371	2139338	69.51%	2.763%
99	21.380	3193	3195	3200	rVB	599828	674683	21.92%	0.872%
100	23.621	3572	3576	3581	rVB2	635289	1091309	35.46%	1.410%

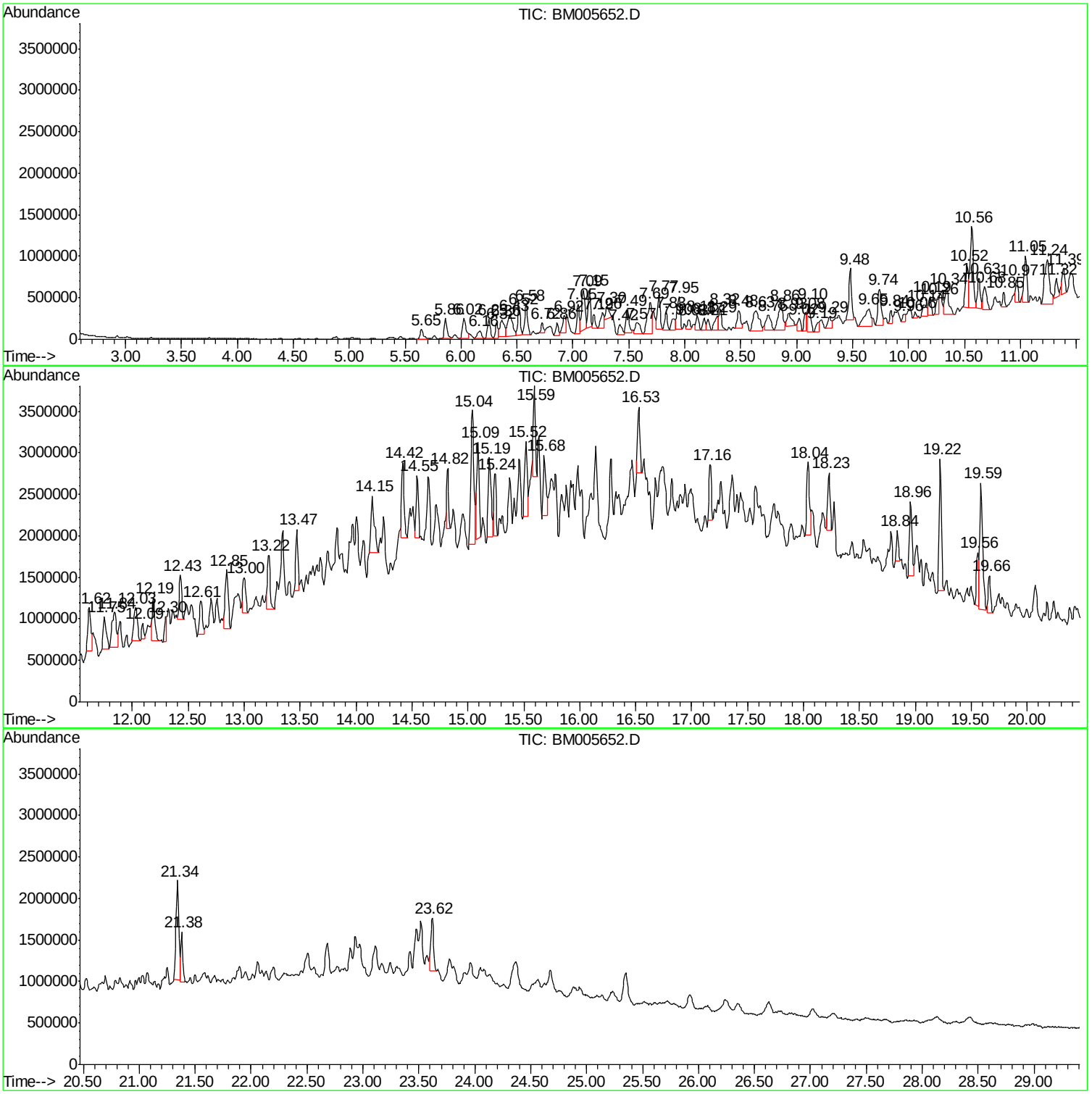
Sum of corrected areas: 77414166

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

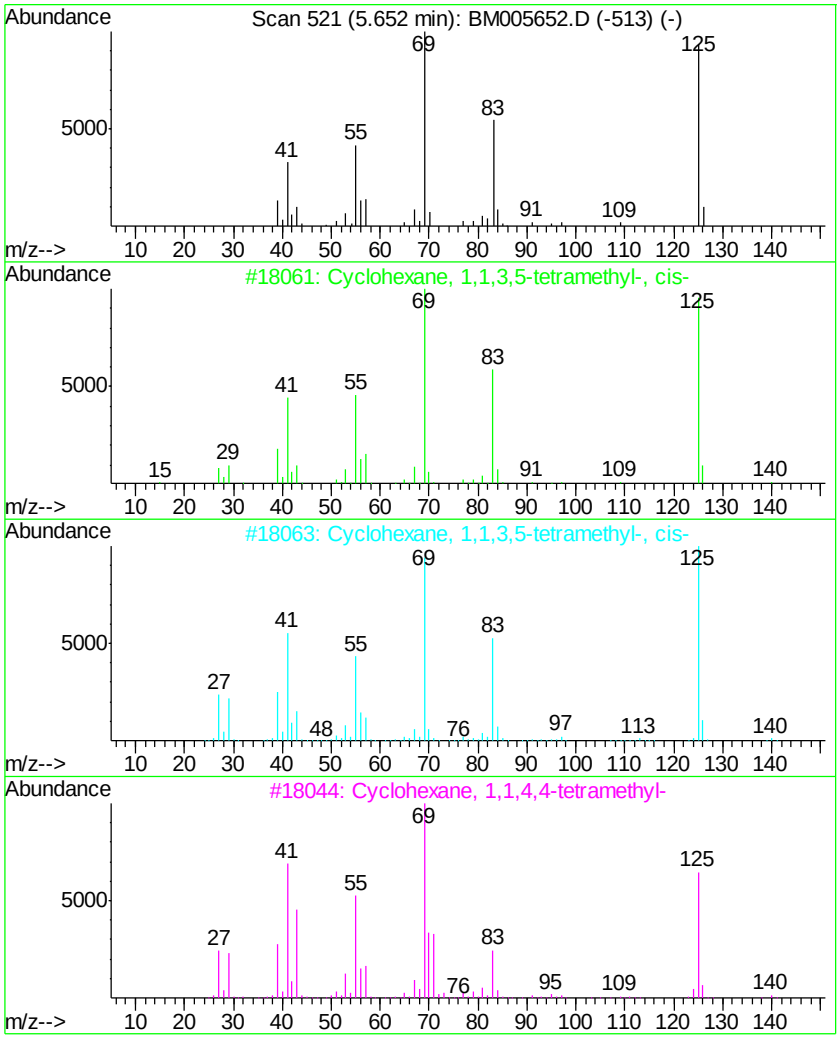
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

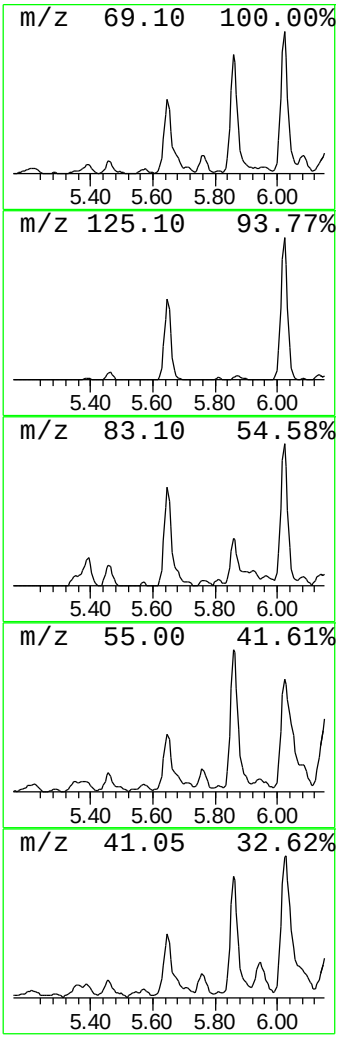
****

Peak Number 1 (DEL) Alkane: Cyclic5.65 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	7.30 ng/ul	240228	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	90
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	83
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	78
4	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	56
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

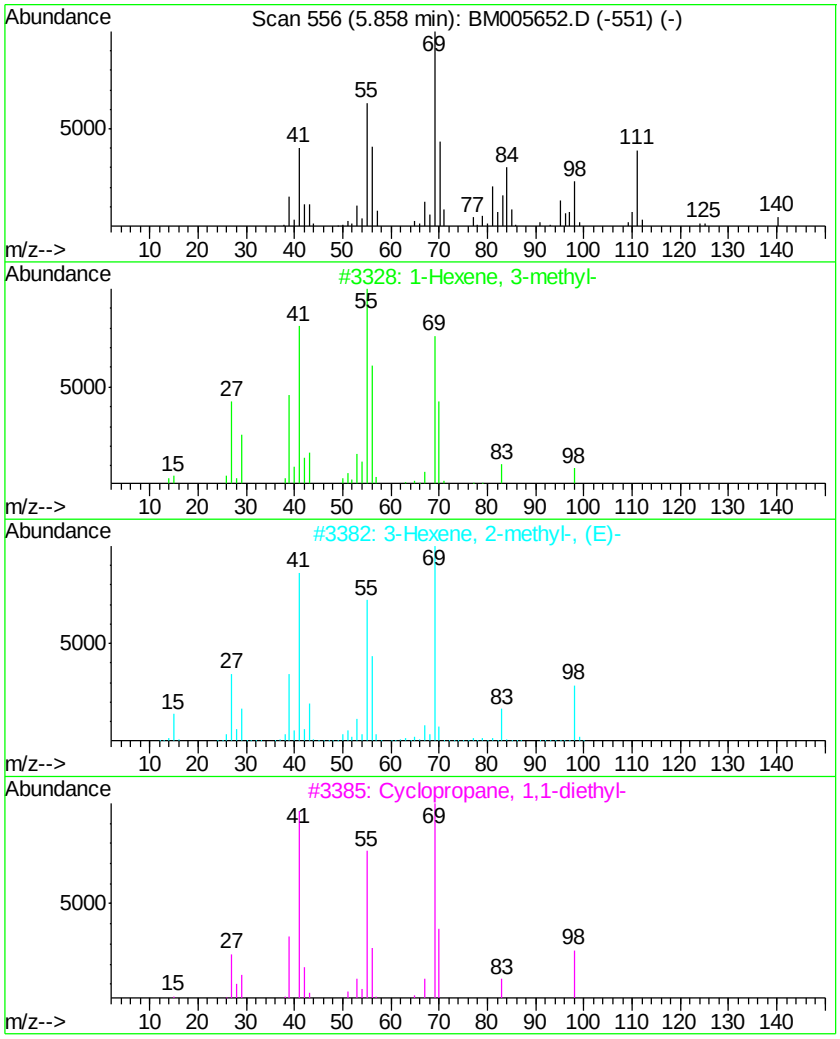
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

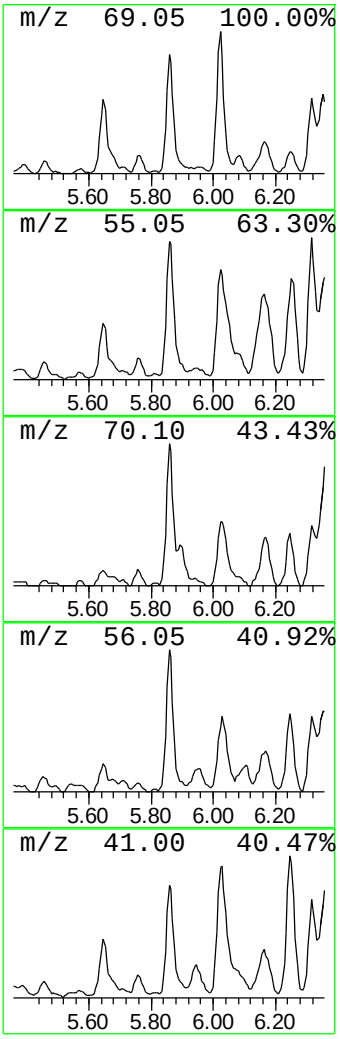
****

Peak Number 2 (DEL) Alkane: Cyclic5.86 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	13.31 ng/ul	437886	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
2	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	55
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	53
4	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	50
5	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	47





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
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Acq On : 27 May 2016 17:25
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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

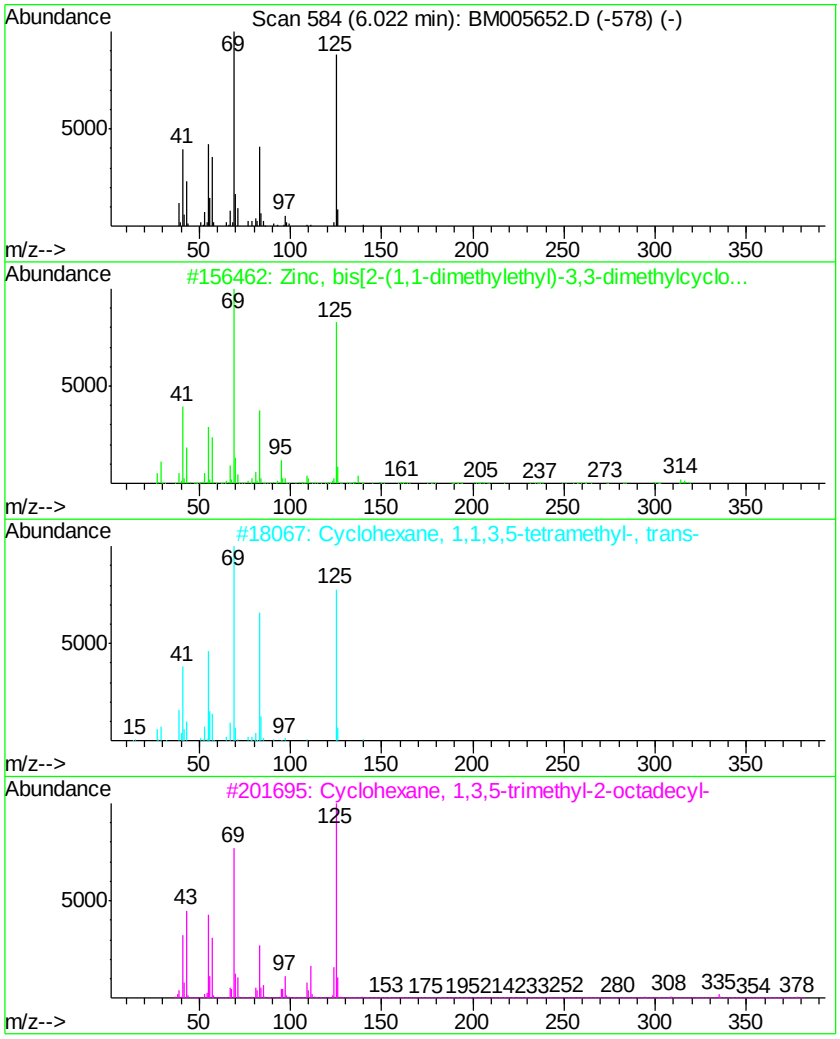
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

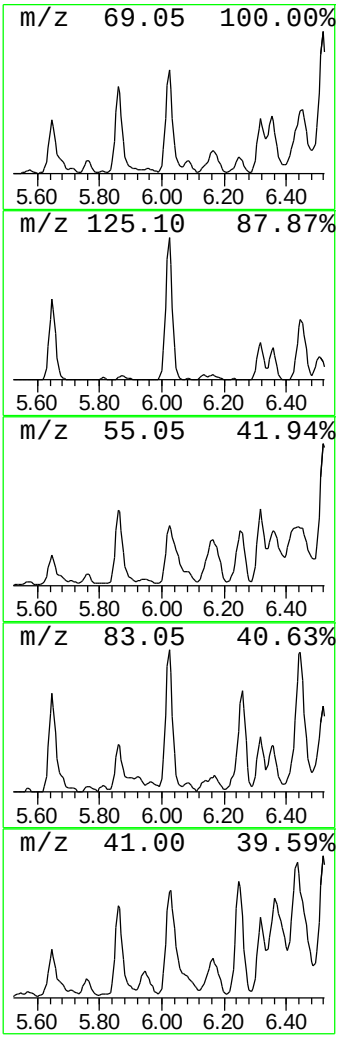
****

Peak Number 3 Zinc, bis[2-(1,1-dimethylet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	16.98 ng/ul	558581	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	74
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	64
3	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	64
4	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	64
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

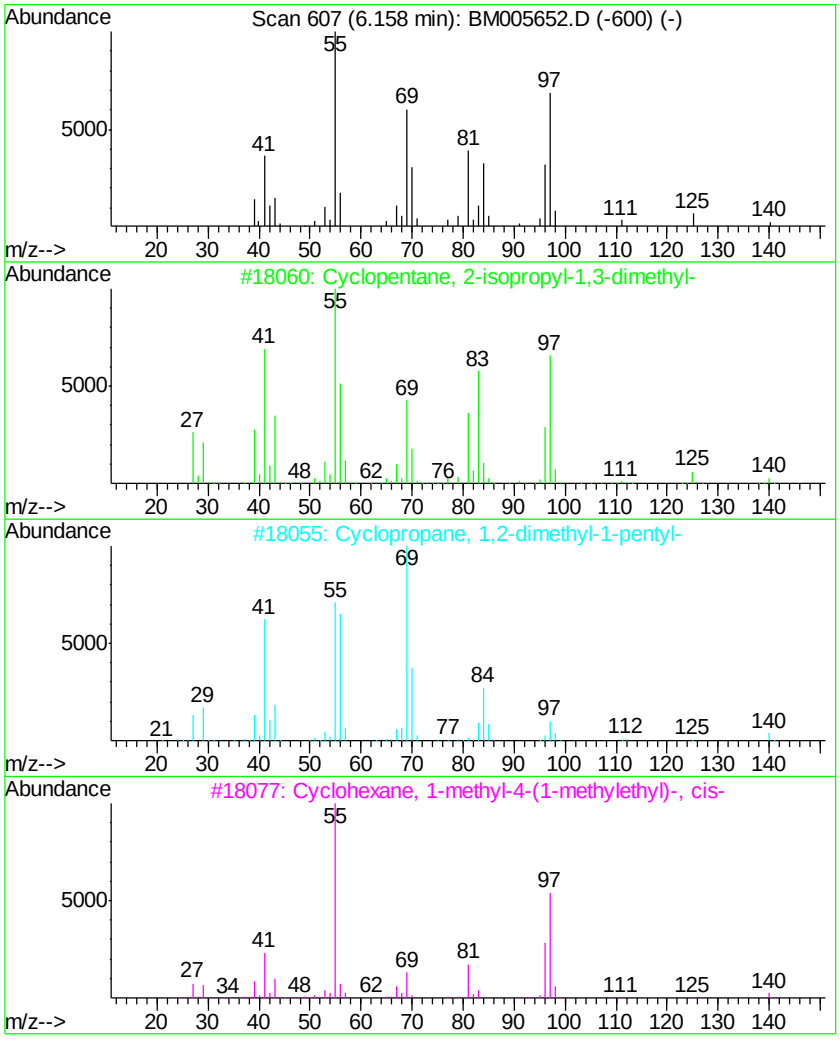
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

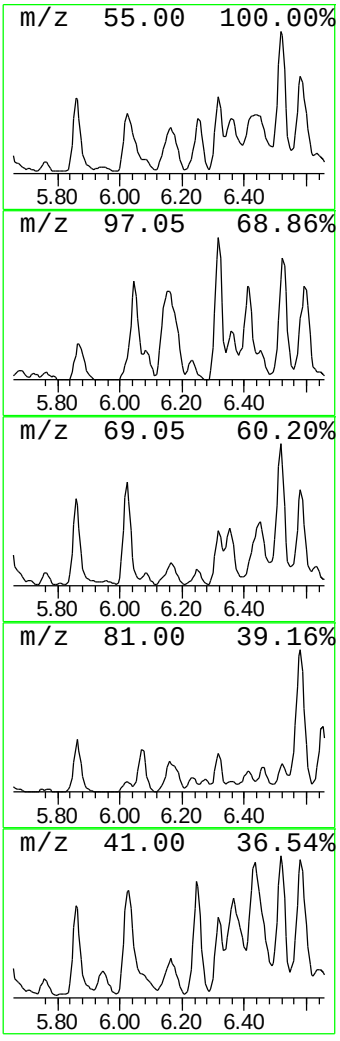
****

Peak Number 4 (DEL) Alkane: Cyclic6.16 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	7.66 ng/ul	251999	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	49
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	35
5	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	35





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

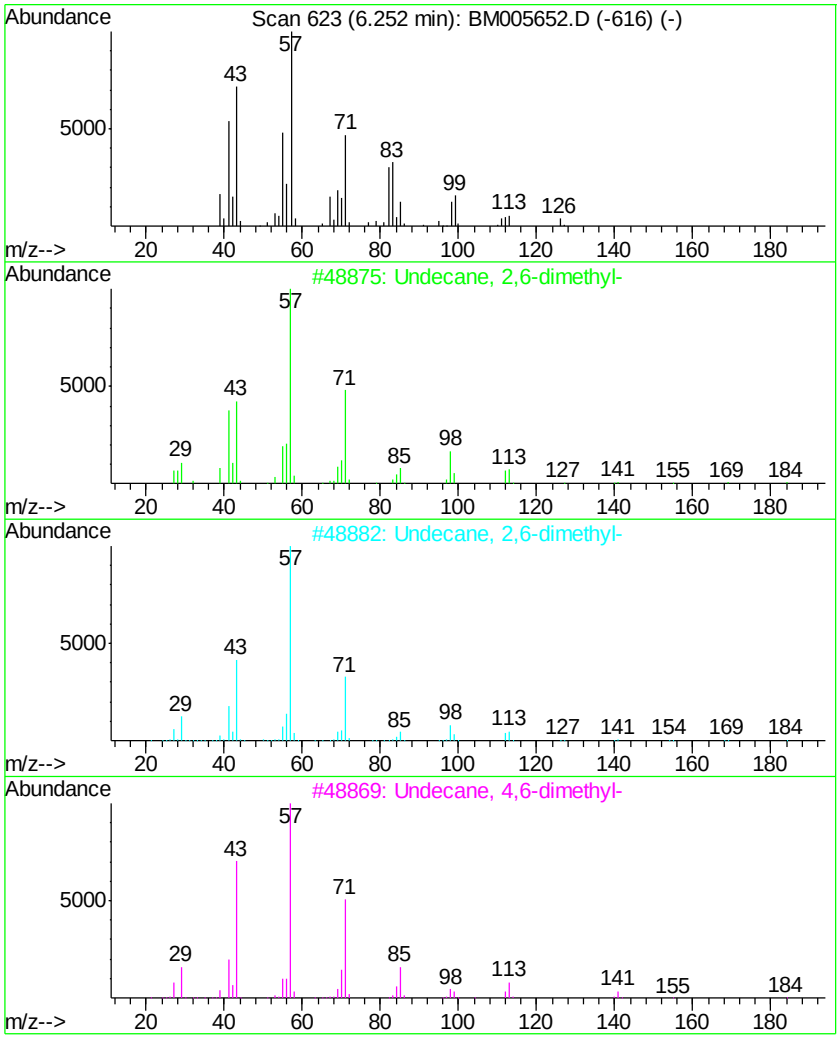
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

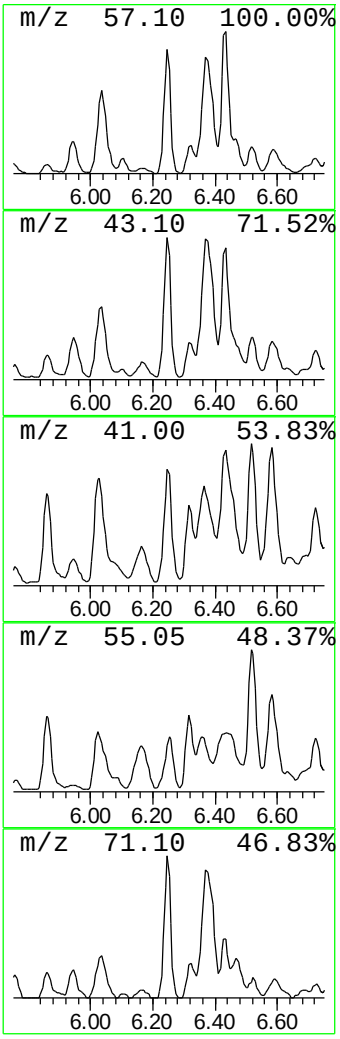
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	12.95 ng/ul	426010	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	53
5	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	47





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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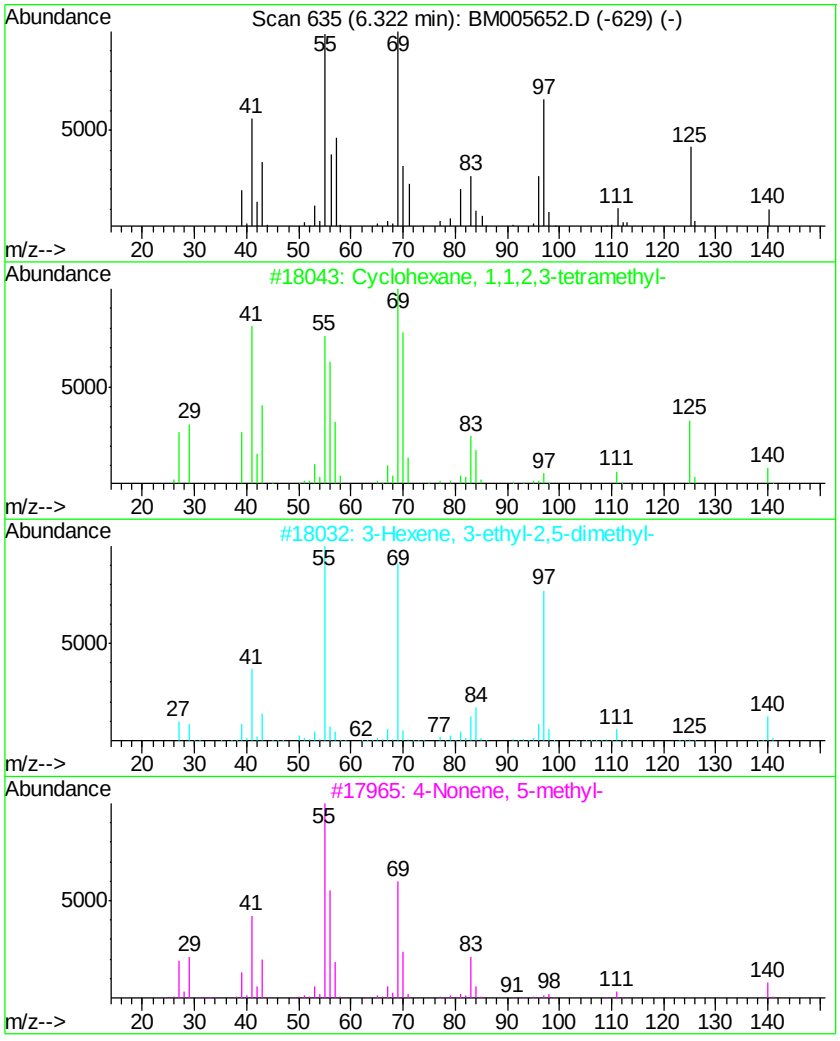
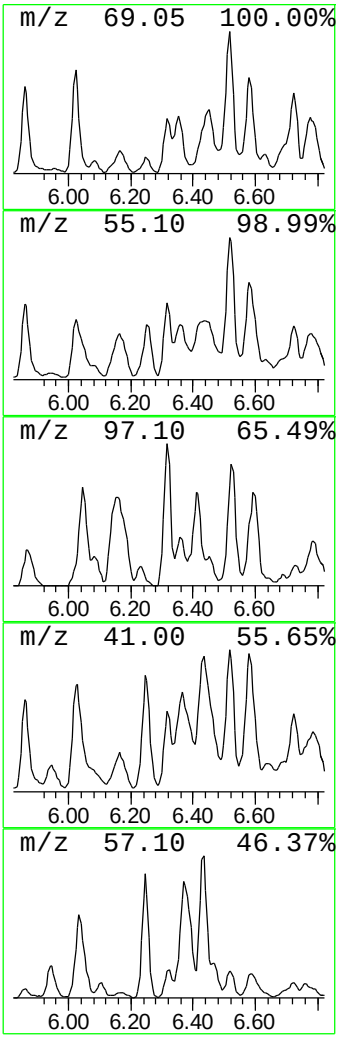
Peak Number 6 (DEL) Alkane: Cyclic6.32 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	9.37 ng/ul	308233	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	49
3	4-Nonene, 5-methyl-	140	C10H20	015918-07-7	38
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	35
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	30





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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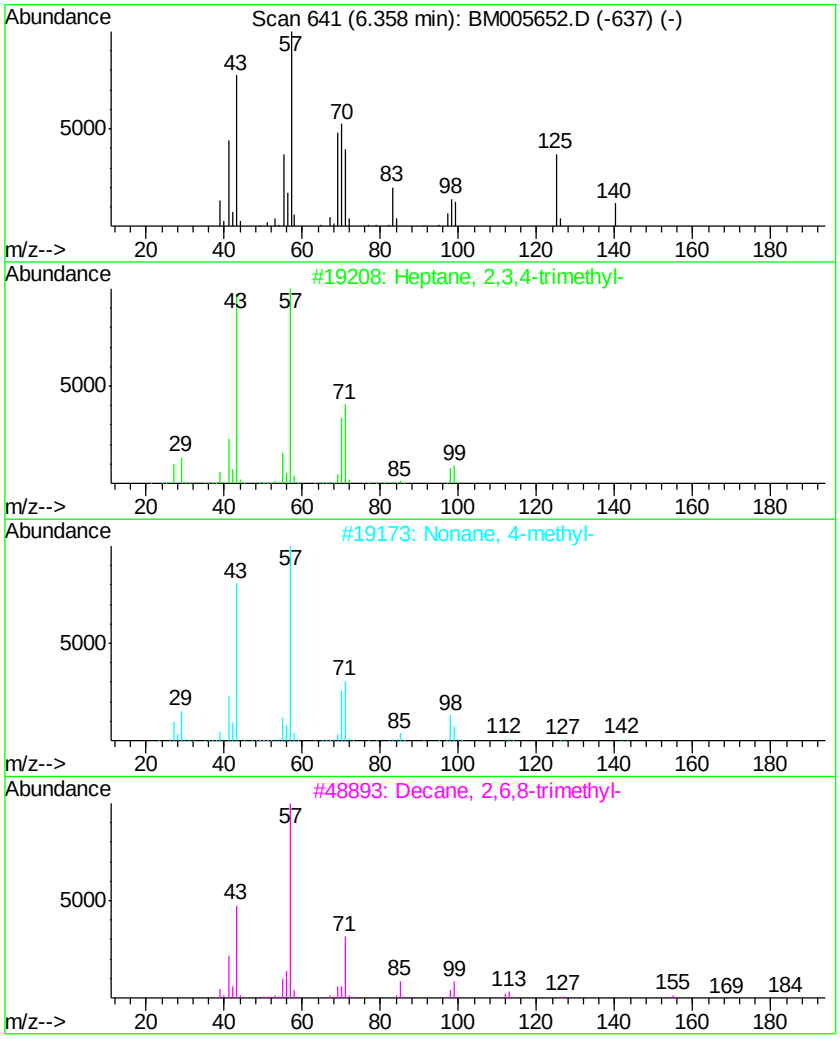
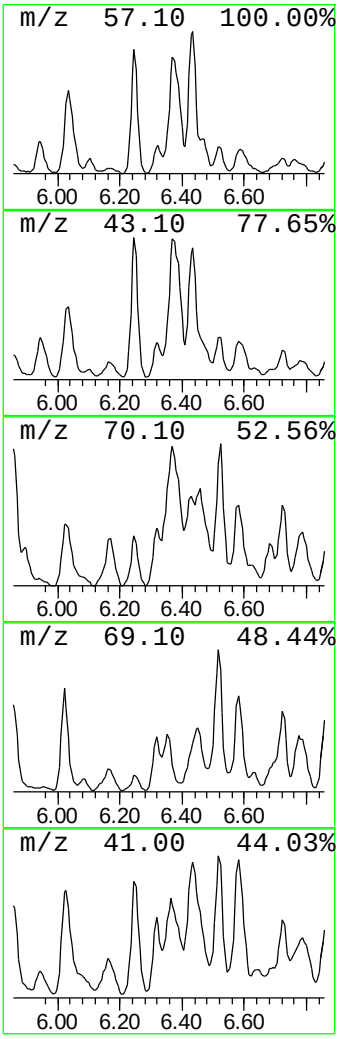
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	16.86 ng/ul	554860	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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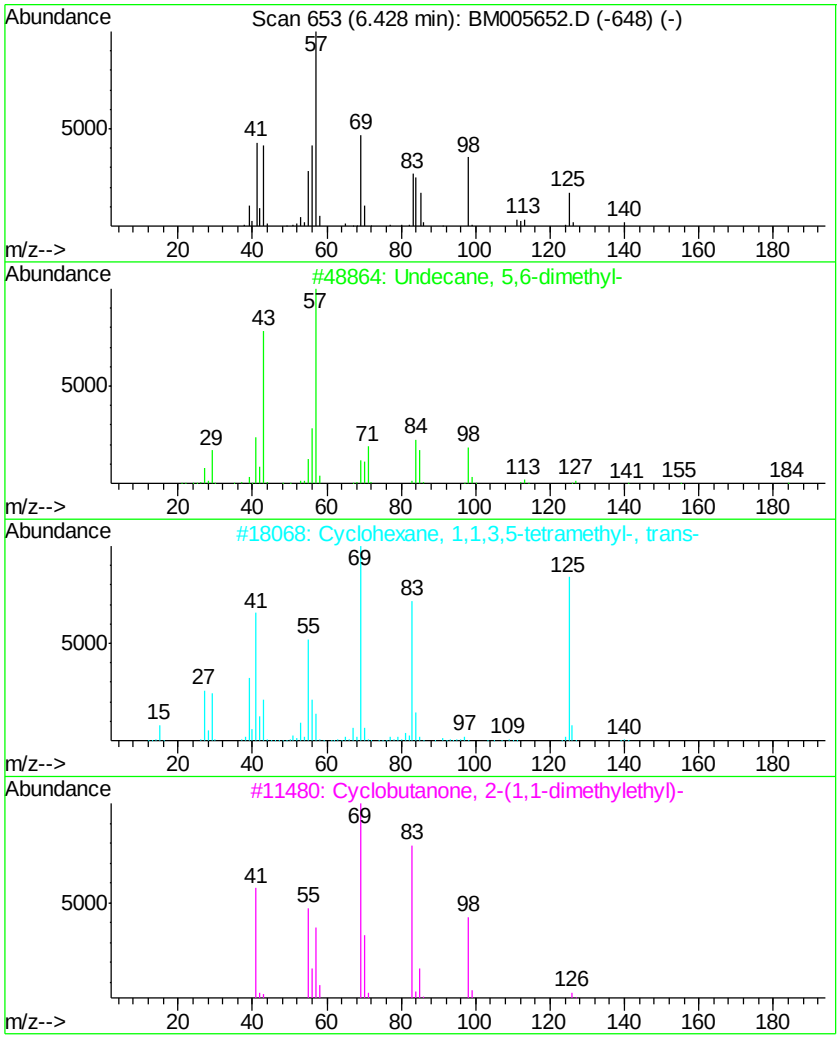
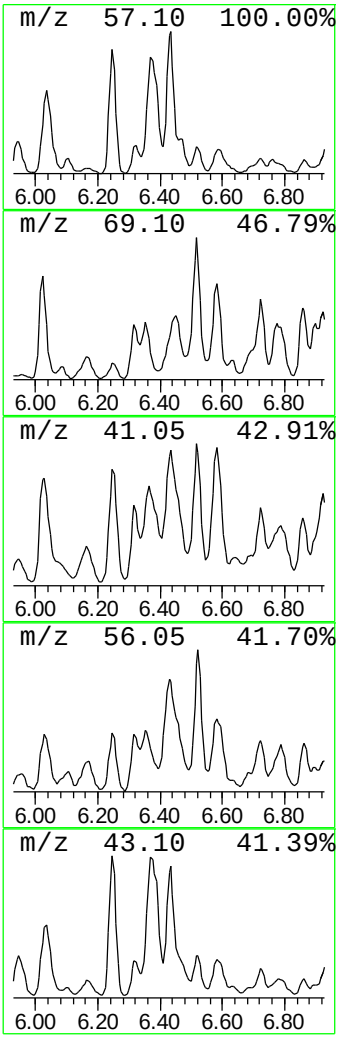
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	24.60 ng/ul	809494	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
3	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	37
4	6,6-Dimethyl-1,3-heptadien-5-ol	140	C9H16O	081912-03-0	32
5	Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	27





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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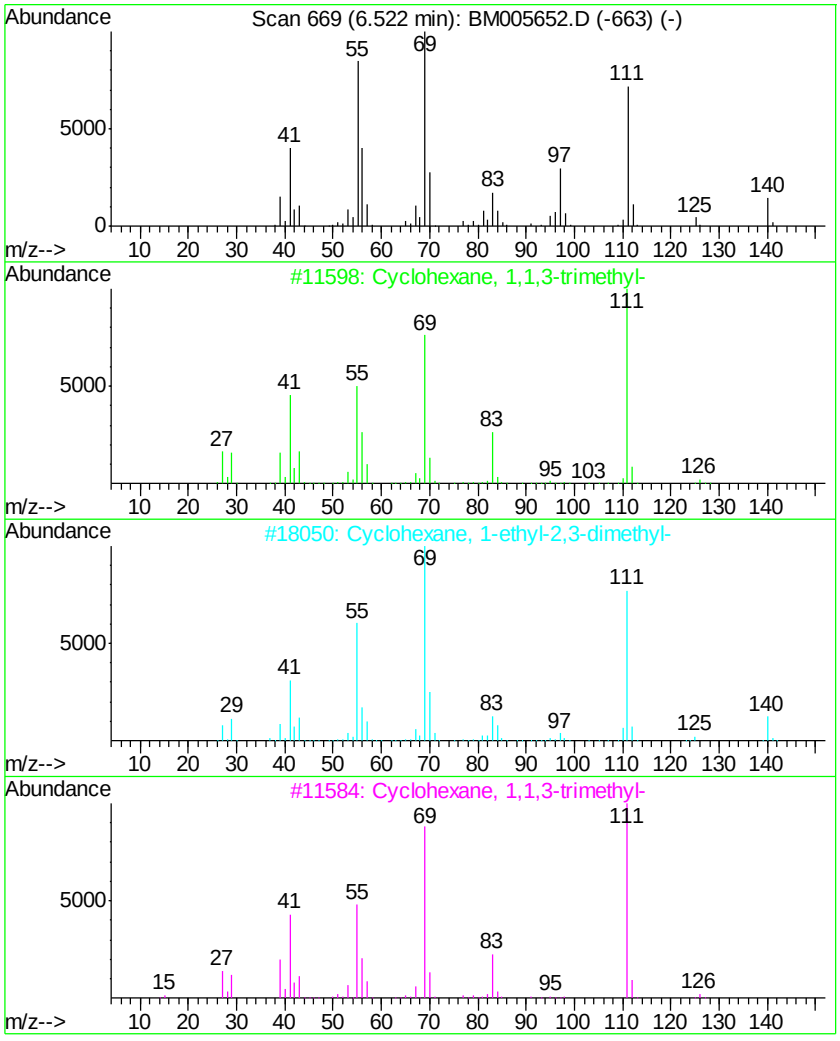
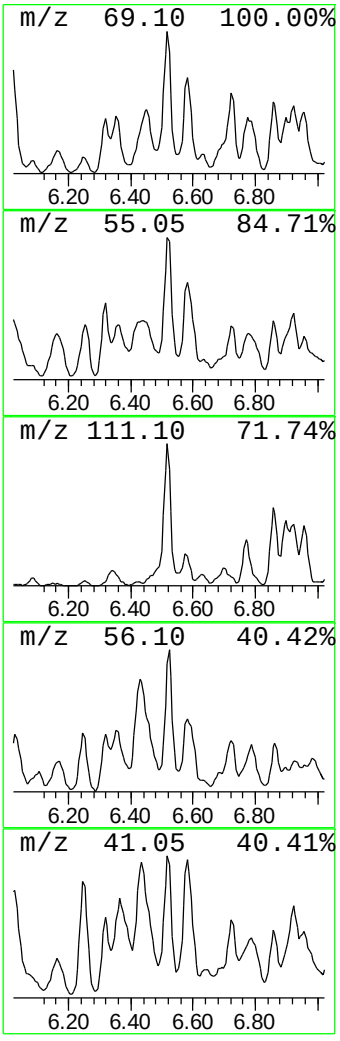
Peak Number 9 (DEL) Alkane: Cyclic6.52 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	16.13 ng/ul	530696	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	74
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
4	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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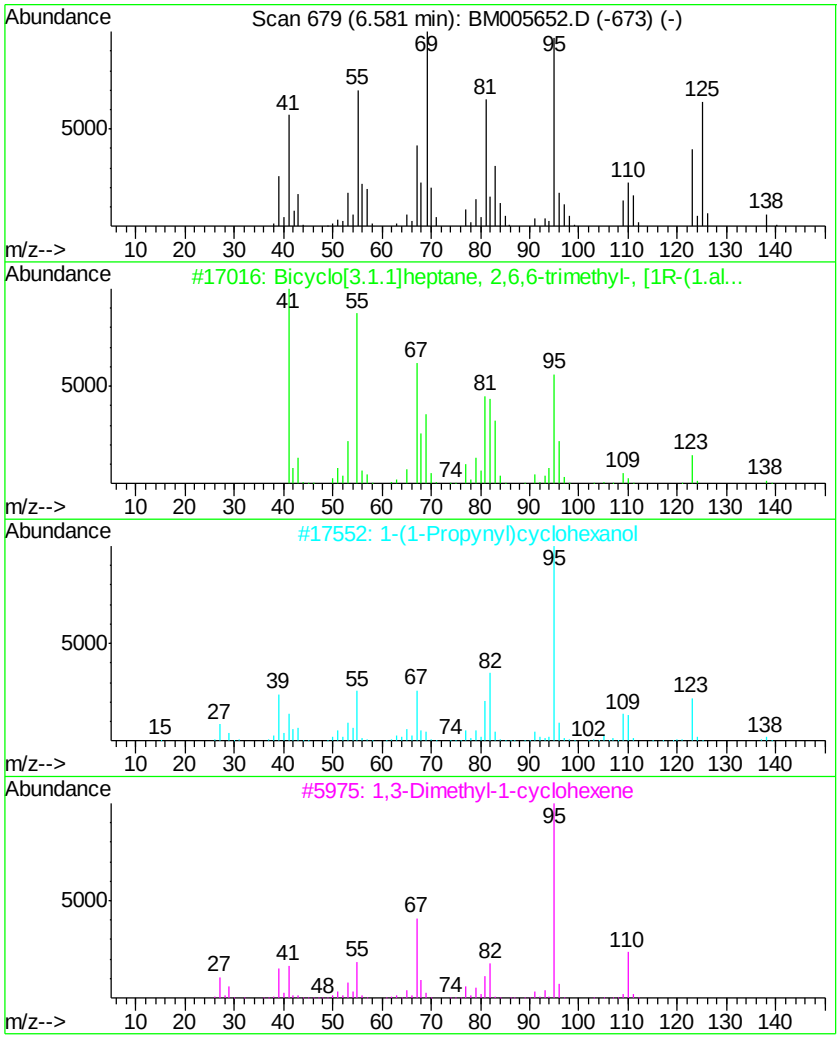
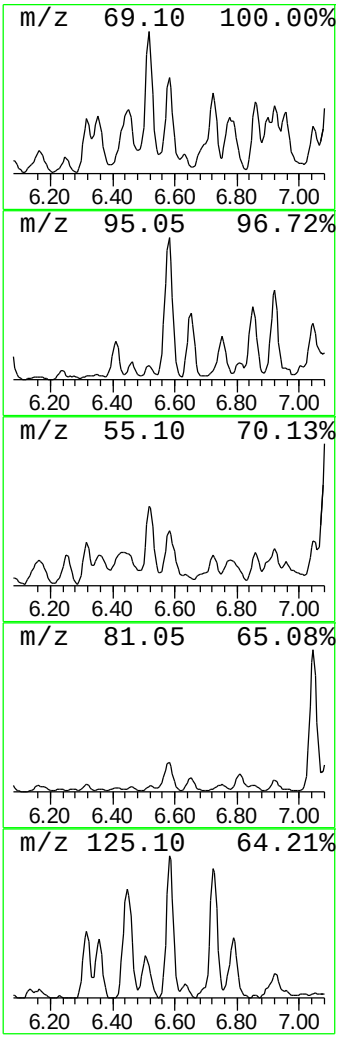
Peak Number 10 (DEL) Alkane: Branched6.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	20.45 ng/ul	673071	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	50
2	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	43
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	35





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ALS Vial : 3 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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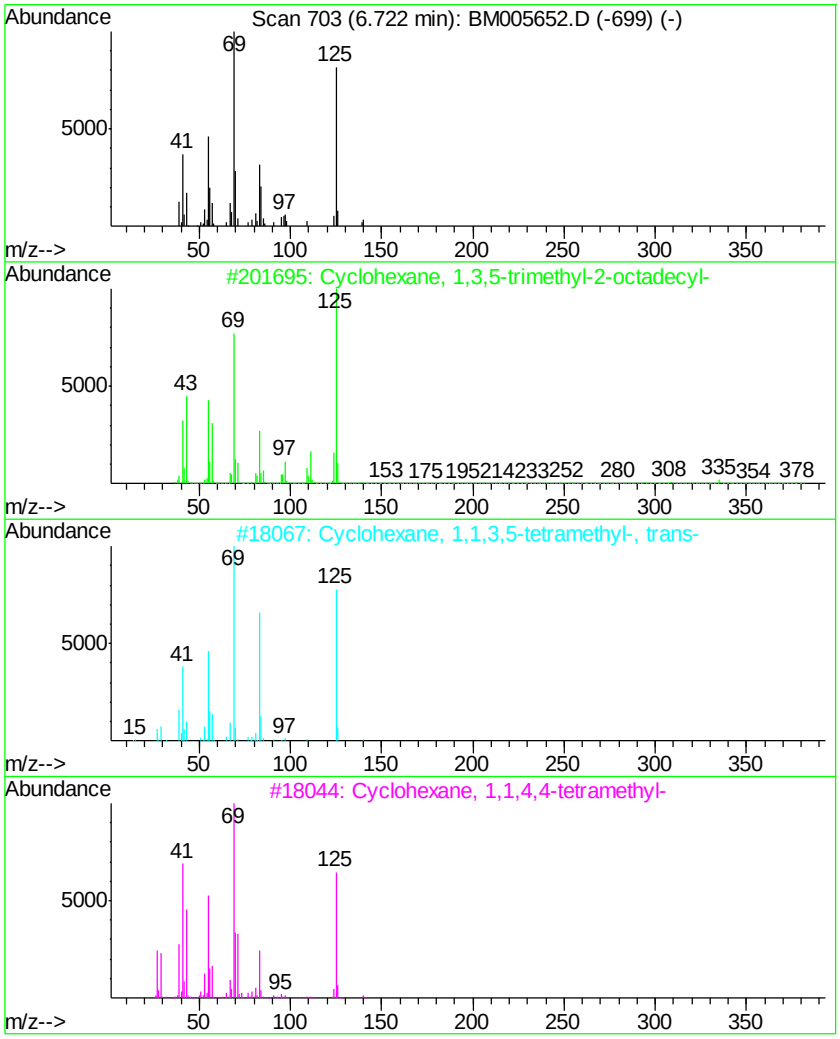
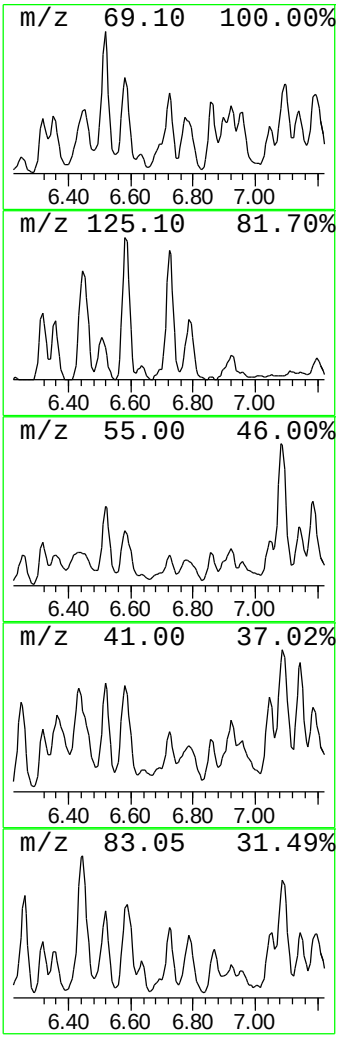
Peak Number 11 (DEL) Alkane: Cyclic6.72 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.84 ng/ul	192284	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	72
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	59
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	56
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	53
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	43





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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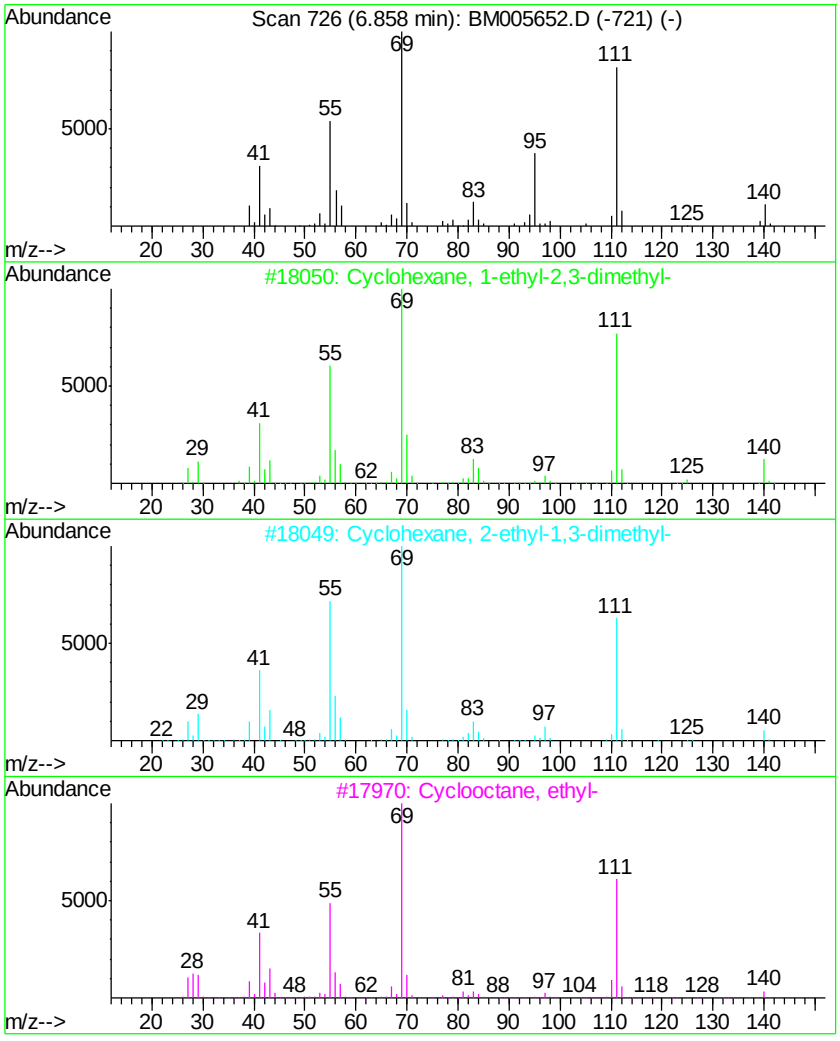
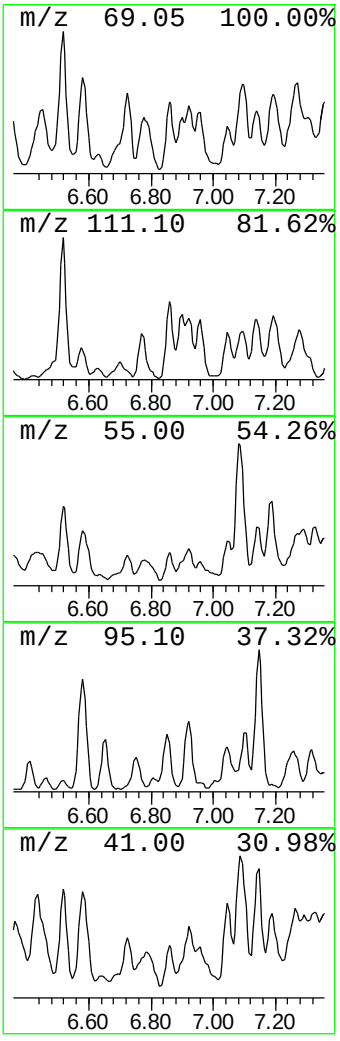
Peak Number 12 (DEL) Alkane: Cyclic6.86 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	7.19 ng/ul	236610	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	83
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	83
3	Cyclooctane, ethyl-	140	C10H20	013152-02-8	80
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





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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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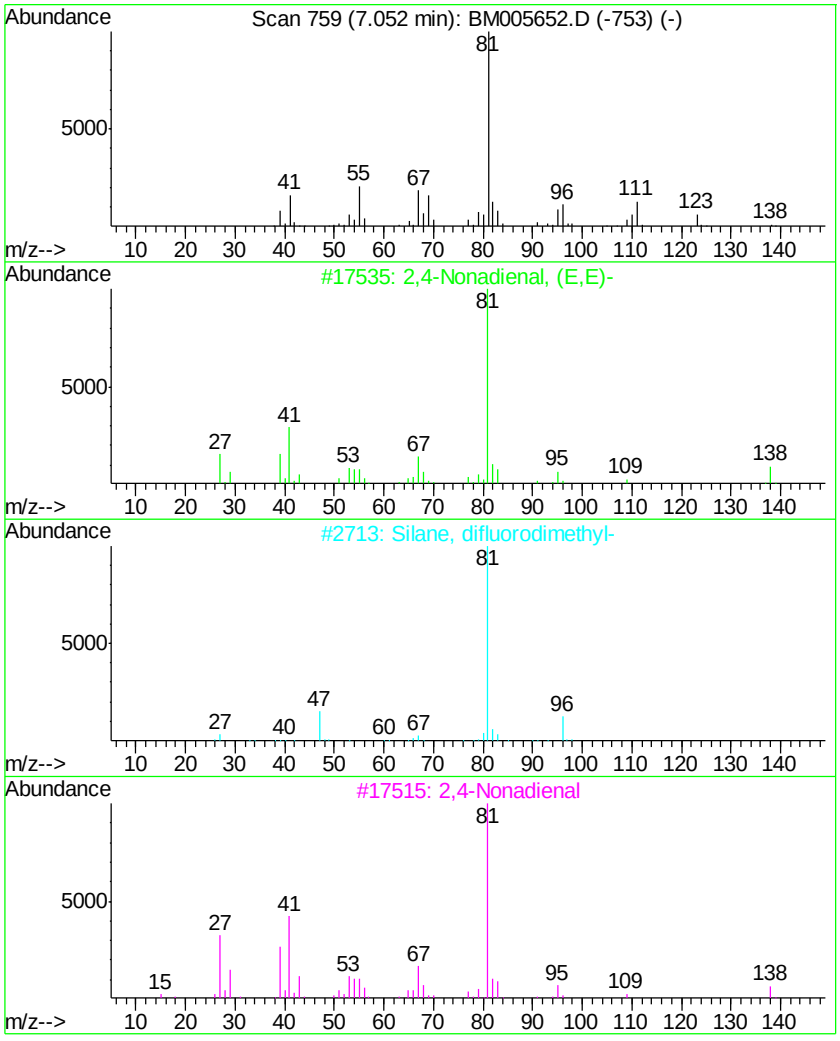
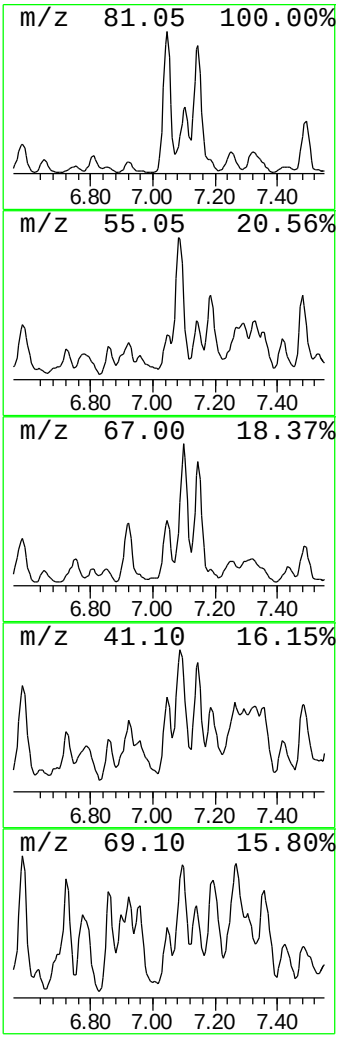
Peak Number 13 2,4-Nonadienal, (E,E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	18.04 ng/ul	593497	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	59
2	Silane, difluorodimethyl-	96	C2H6F2Si	000353-66-2	53
3	2,4-Nonadienal	138	C9H14O	006750-03-4	42
4	Acetic acid, cis-4-methylcyclohe...	156	C9H16O2	1000368-24-8	42
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	42





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ALS Vial : 3 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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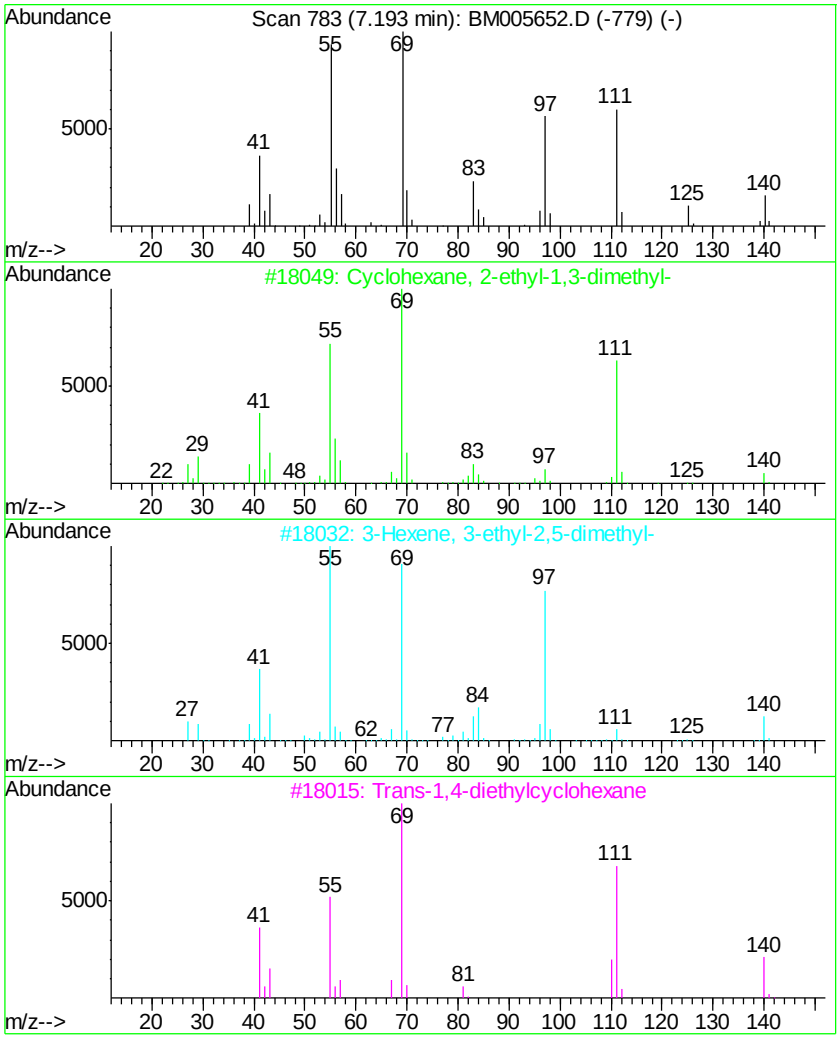
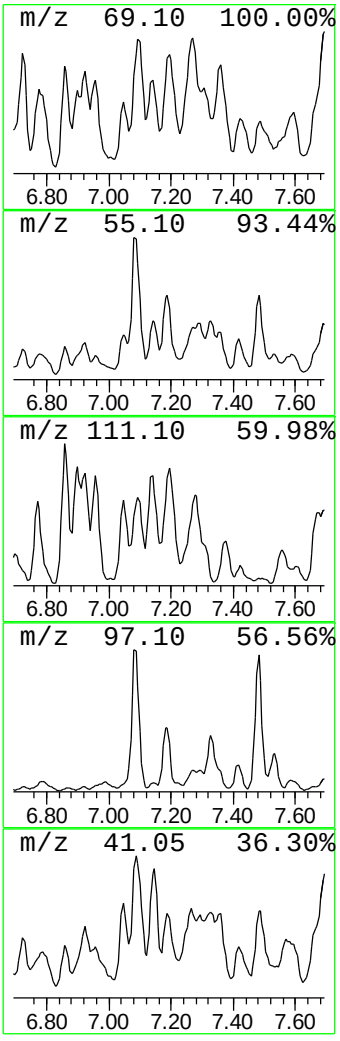
Peak Number 14 (DEL) Alkane: Cyclic7.19 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	7.71 ng/ul	253713	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	53
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	50
3	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	49
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	47
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	47





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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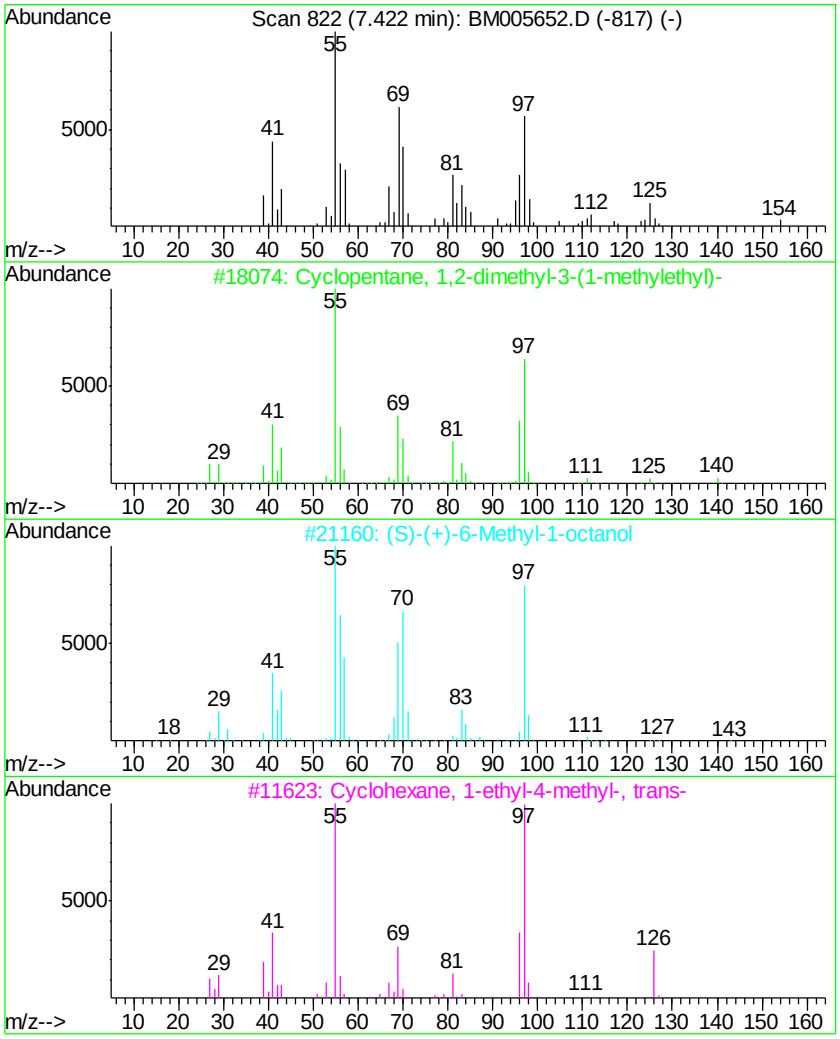
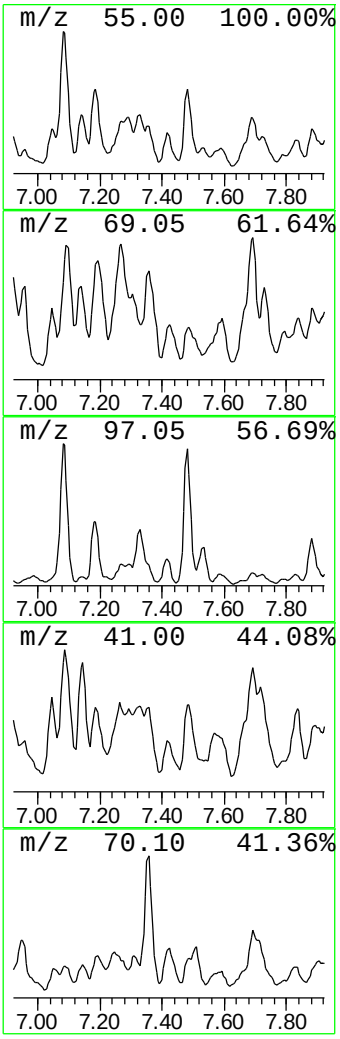
Peak Number 15 (DEL) Alkane: Cyclic7.42 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	7.93 ng/ul	260810	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	64
2	(S)-(+)-6-Methyl-1-octanol	144	C9H20O	110453-78-6	50
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47
5	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	47





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Quant Title : SVOA CALIBRATION

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

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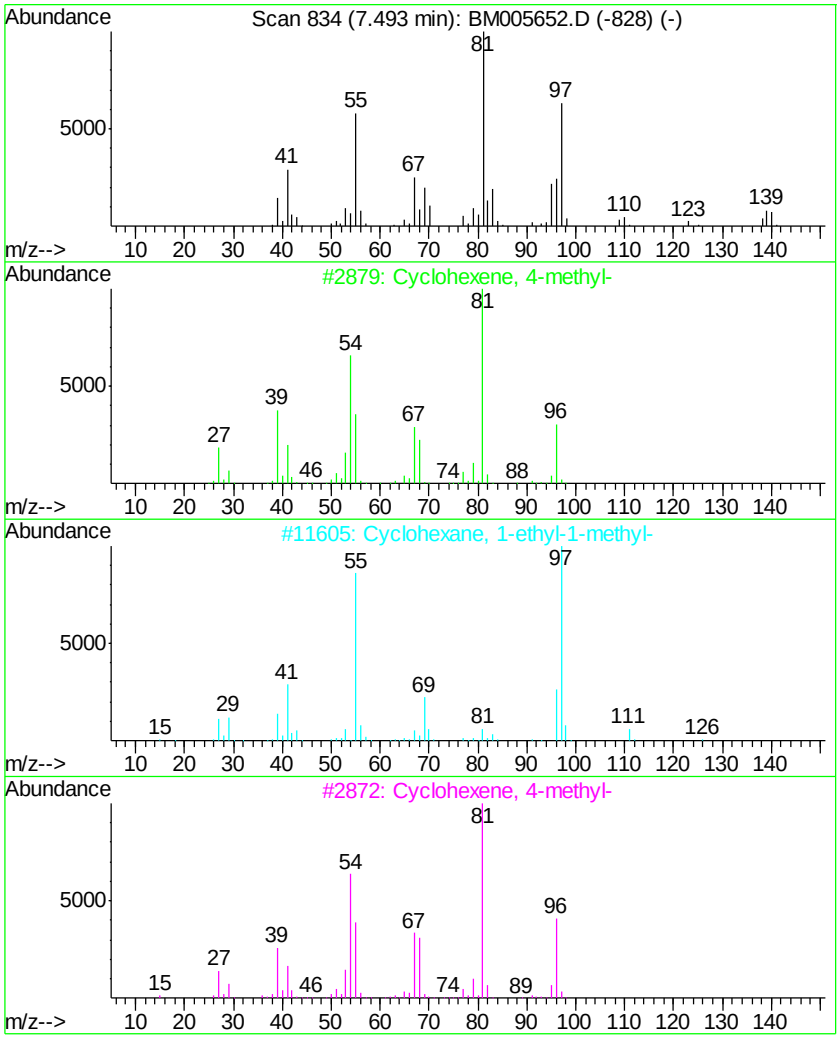
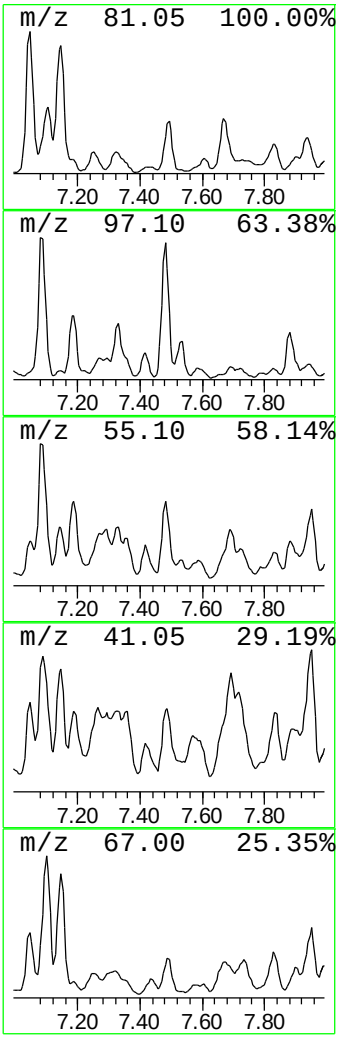
Peak Number 16 (DEL) Alkane: Branched7.49 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	15.98 ng/ul	525825	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
5	3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	38





Library Search Compound Report

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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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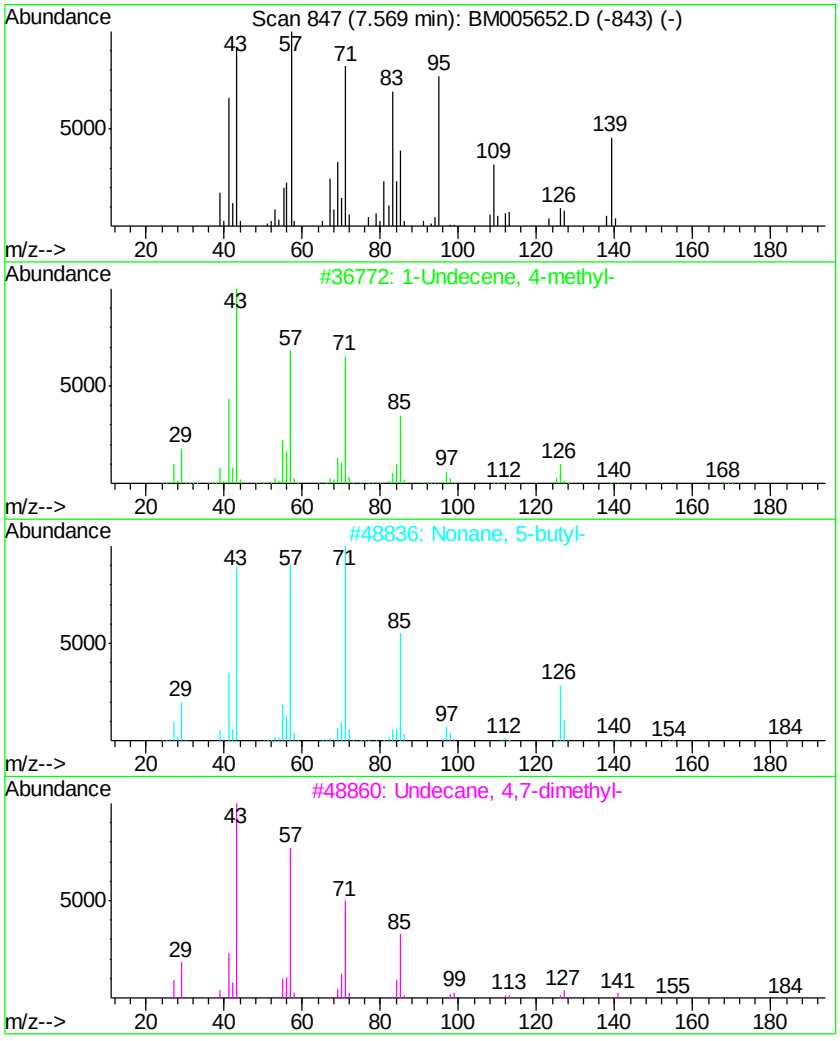
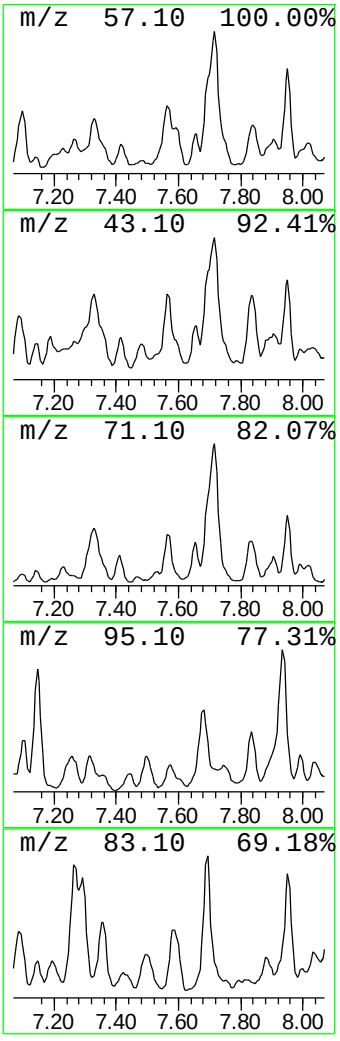
Peak Number 17 (DEL) Alkane: Cyclic7.57 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	12.30 ng/ul	404637	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	27
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	27
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	27
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	27
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	27





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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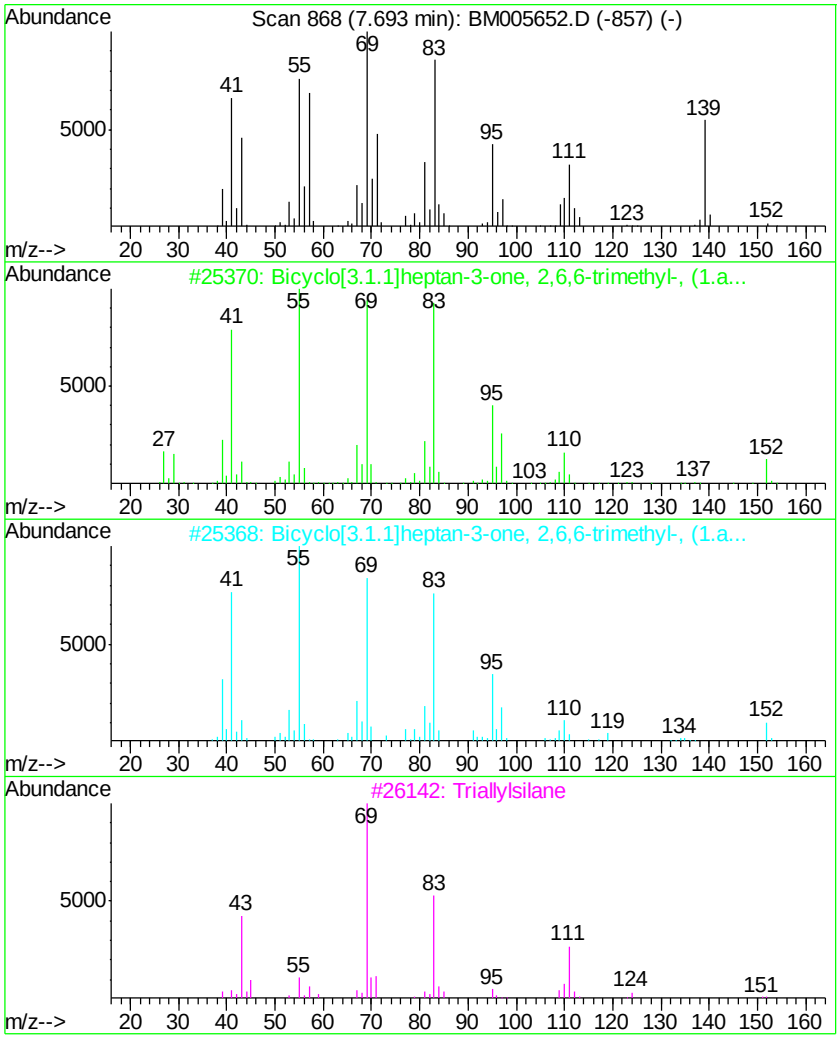
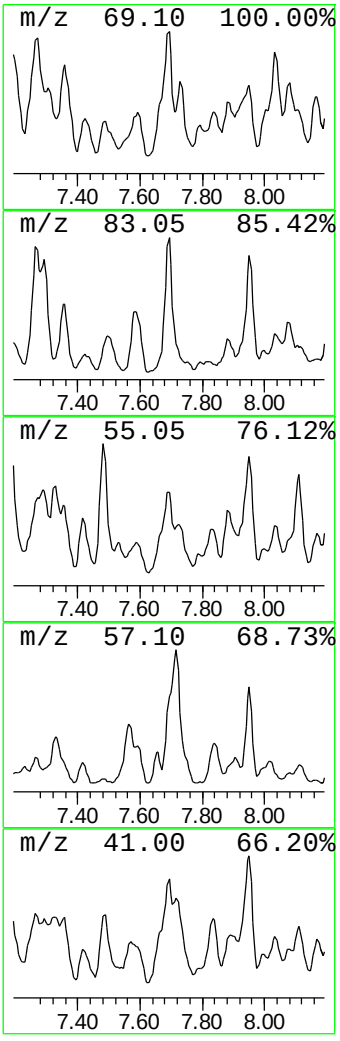
Peak Number 18 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	32.57 ng/ul	1071820	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	64
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
3	Triallylsilane	152	C9H16Si	001116-62-7	30
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	30
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	22





Library Search Compound Report

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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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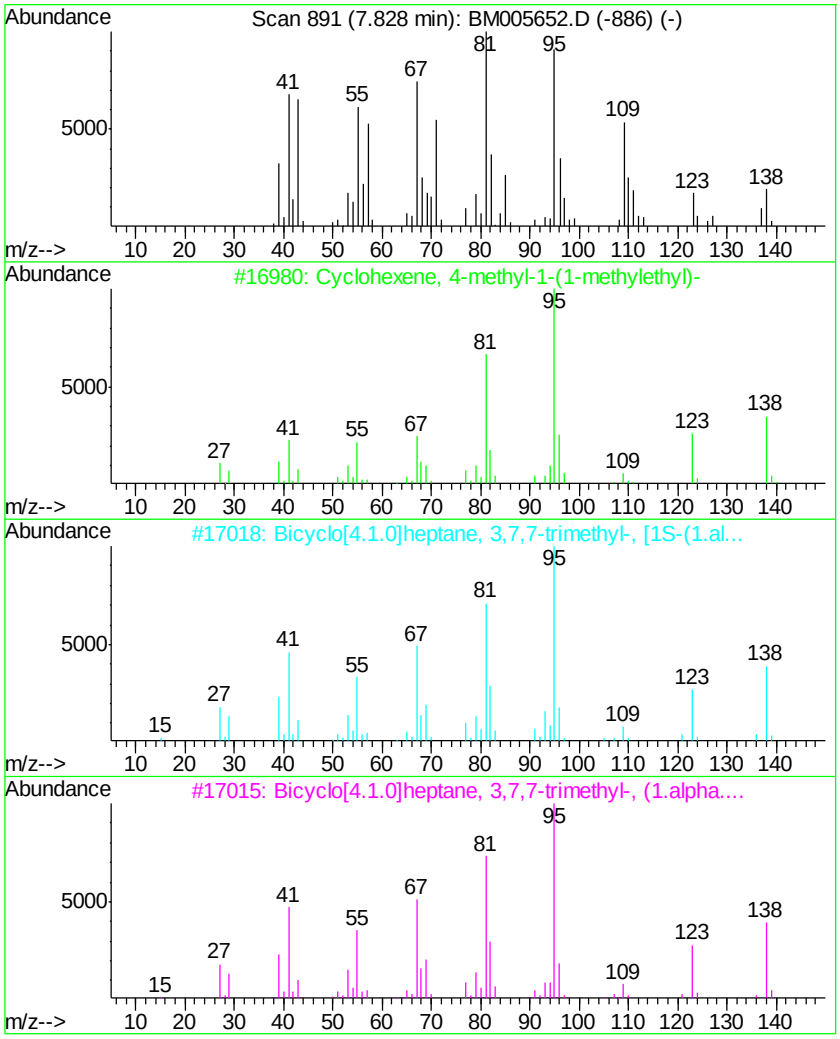
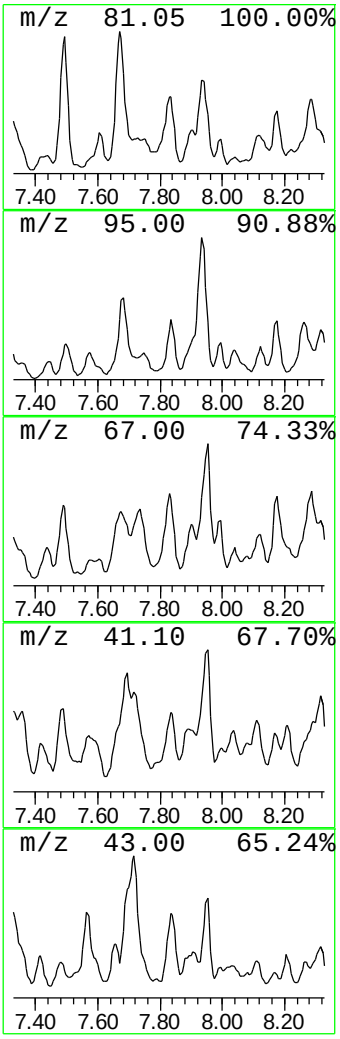
Peak Number 19 (DEL) Alkane: Branched7.83 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	11.34 ng/ul	373080	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	83
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	60
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	60
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	55
5	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	53





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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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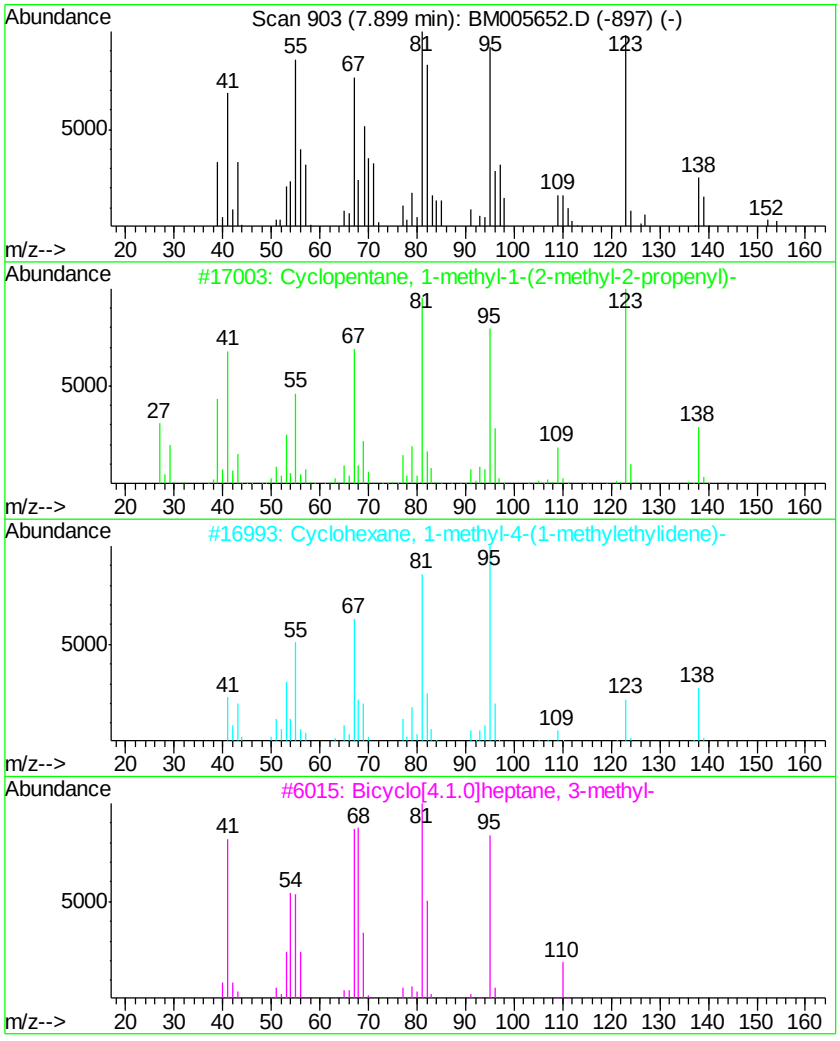
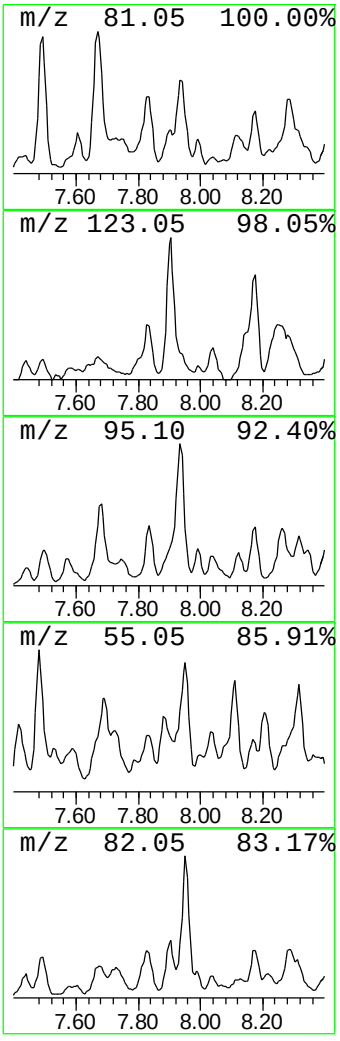
Peak Number 20 (DEL) Alkane: Cyclic7.90 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	10.48 ng/ul	344967	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	92
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	60
3	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	60
4	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	58
5	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	49





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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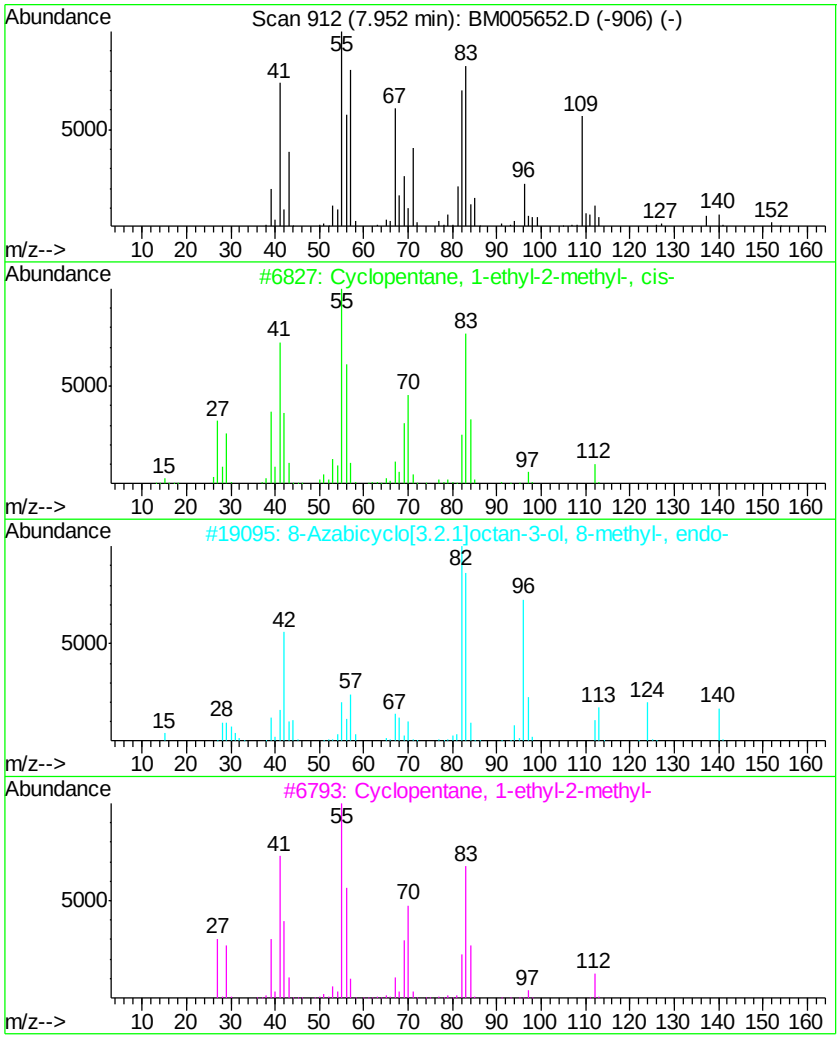
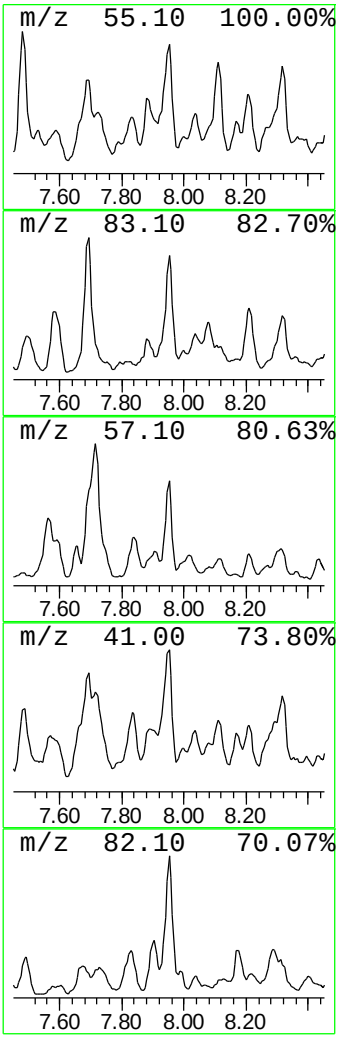
Peak Number 21 (DEL) Alkane: Cyclic7.95 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	23.63 ng/ul	777715	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43
2	8-Azabicyclo[3.2.1]octan-3-ol, 8...	141	C8H15NO	000120-29-6	38
3	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	38
5	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	38





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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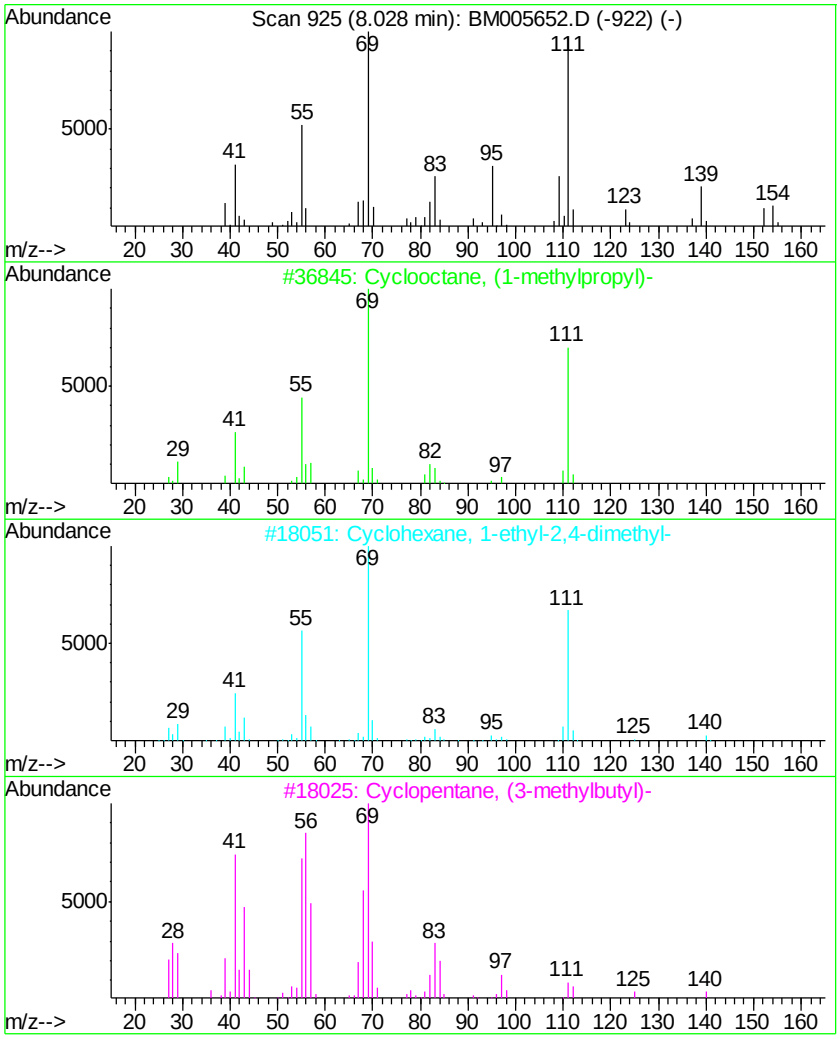
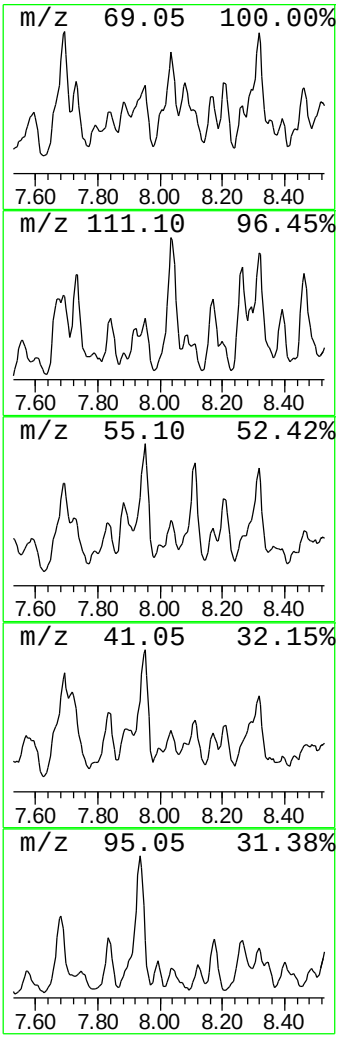
Peak Number 22 (DEL) Alkane: Cyclic8.03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	6.15 ng/ul	202478	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	47
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	35
3	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	30
4	cis-2,6-Dimethyl-2,6-octadiene	138	C10H18	002492-22-0	27
5	Tetrahydrocarvone	154	C10H18O	000499-70-7	27





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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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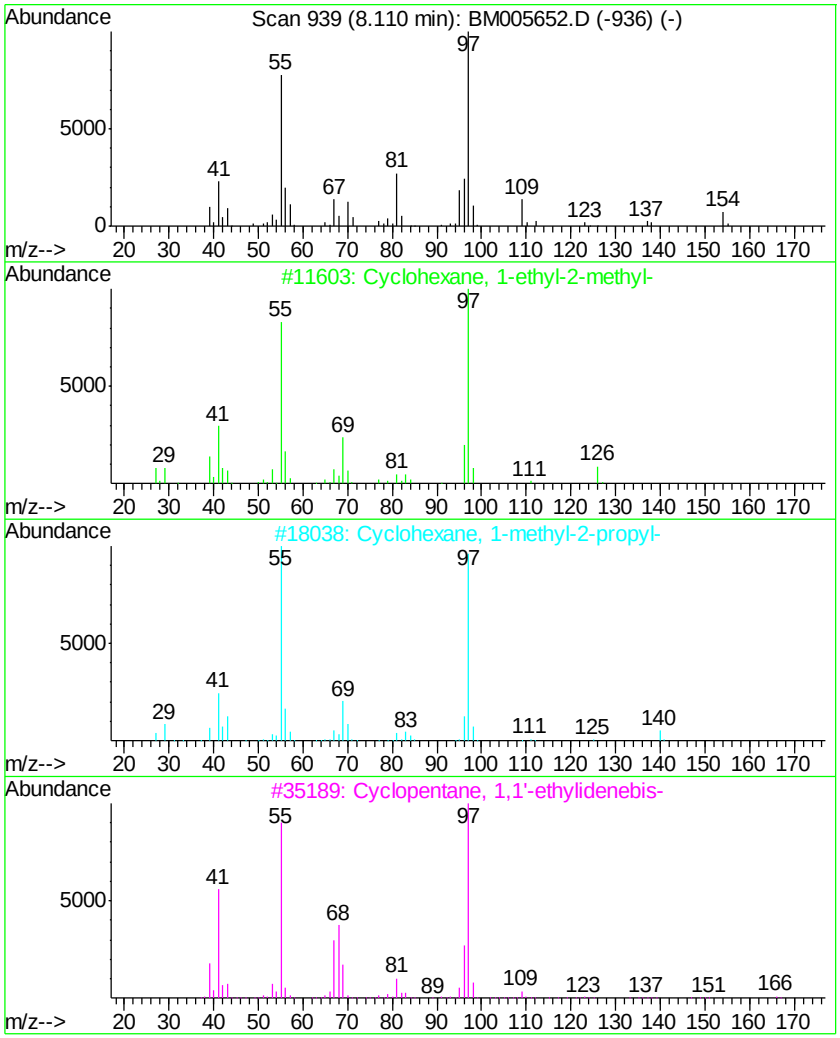
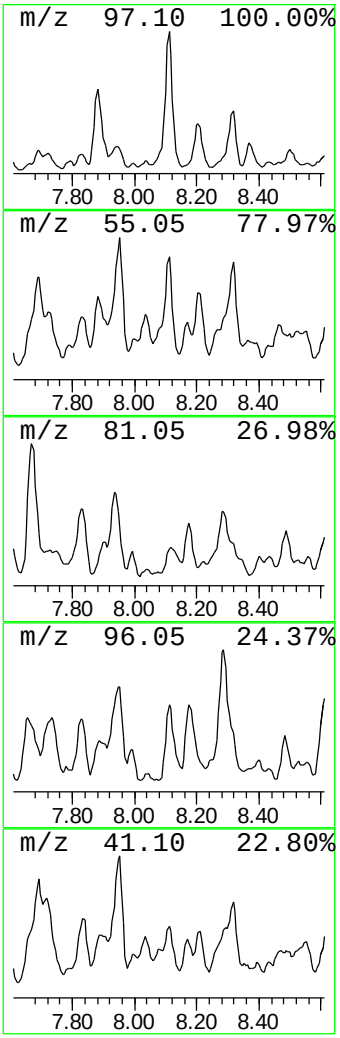
Peak Number 23 (DEL) Alkane: Cyclic8.11 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	8.37 ng/ul	275523	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	72
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	64
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
5	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	59





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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

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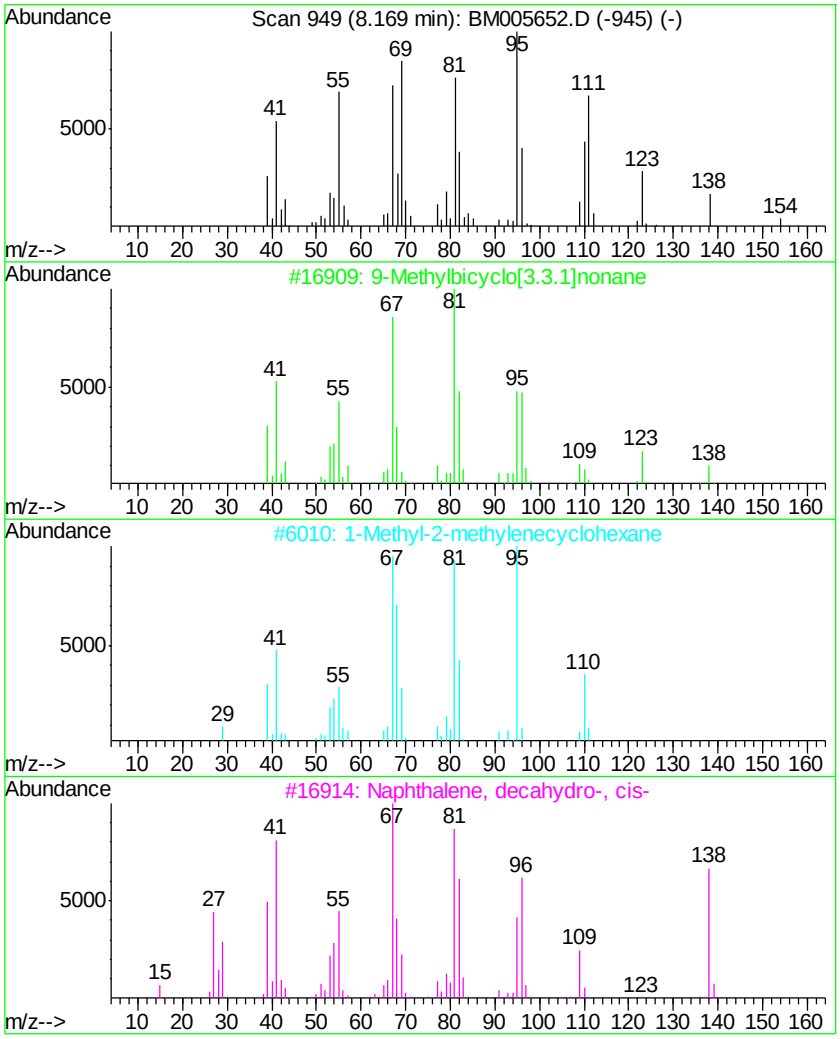
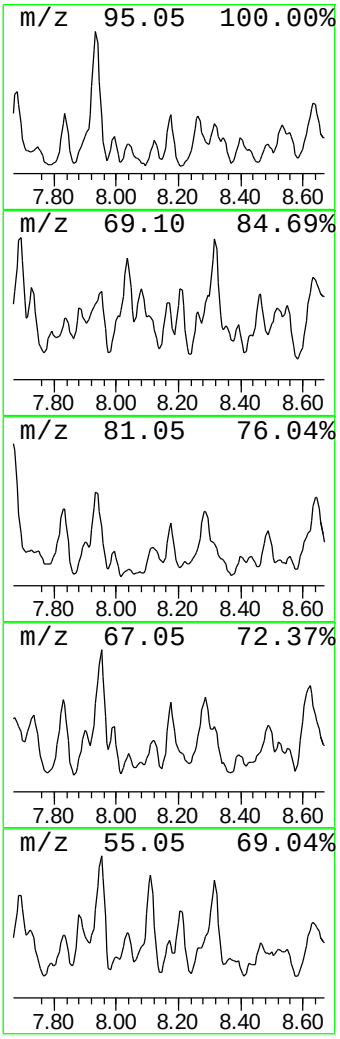
Peak Number 24 (DEL) Alkane: Branched8.17 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	6.73 ng/ul	221561	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	53
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	50
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	49
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	49





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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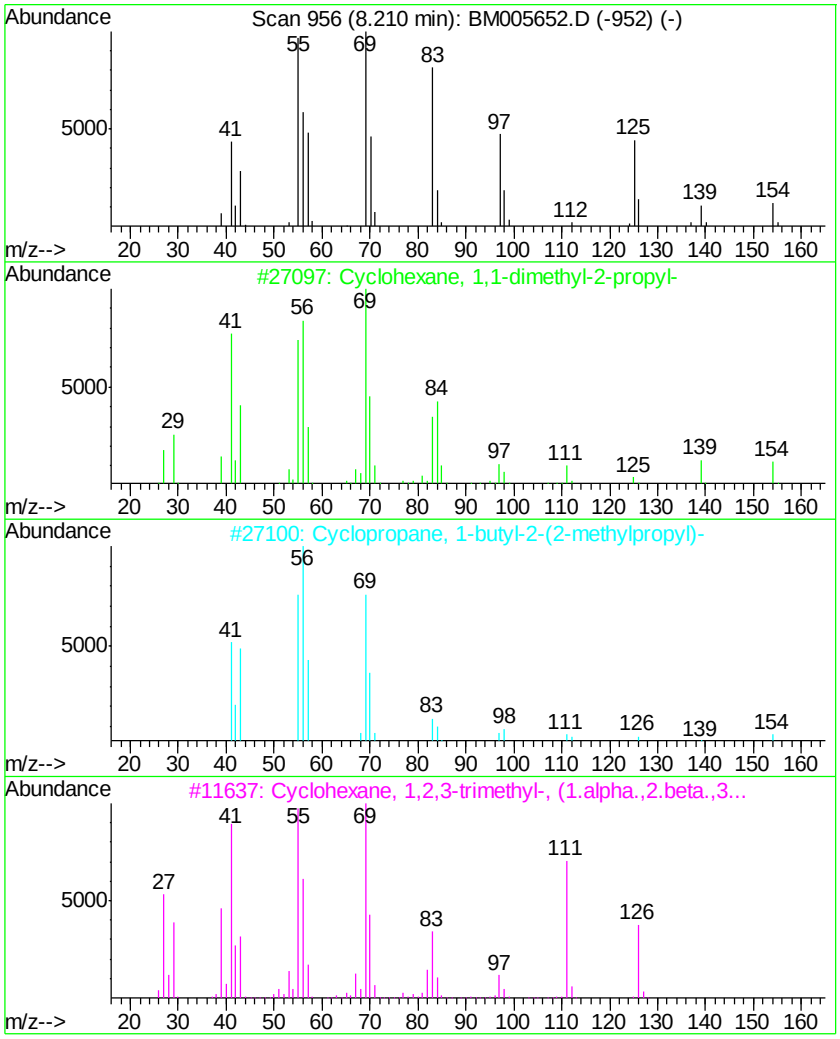
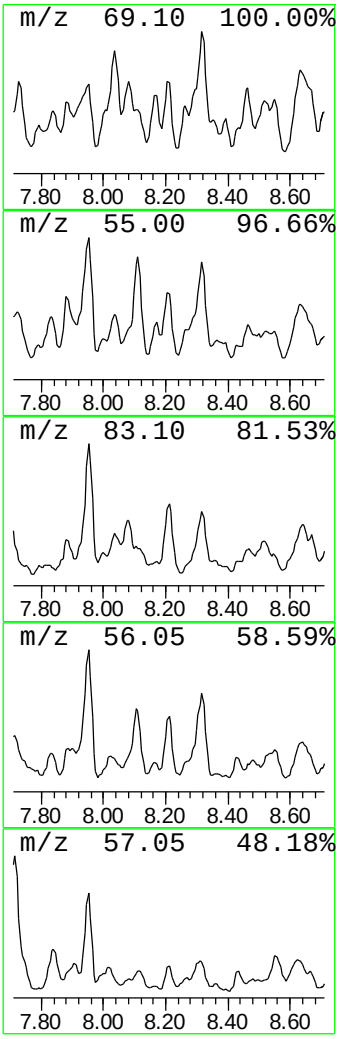
Peak Number 25 (DEL) Alkane: Cyclic8.21 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	6.47 ng/ul	212855	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	49
2	Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	47
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	38
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	38
5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	38





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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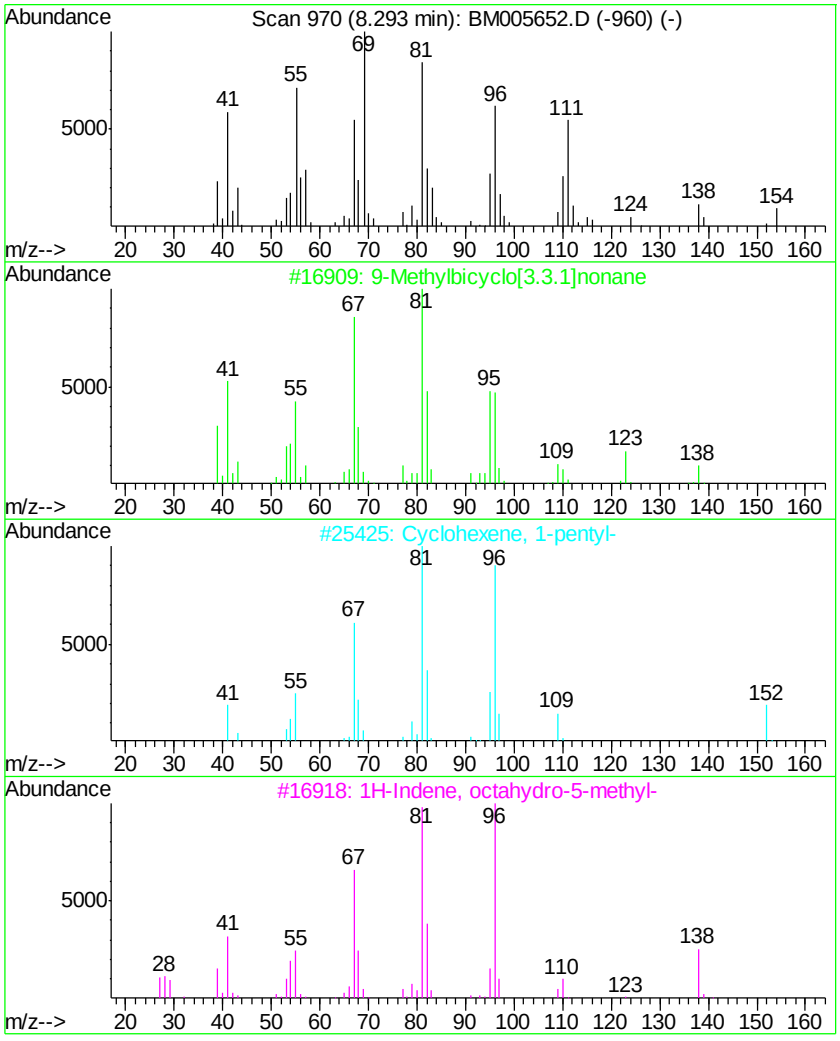
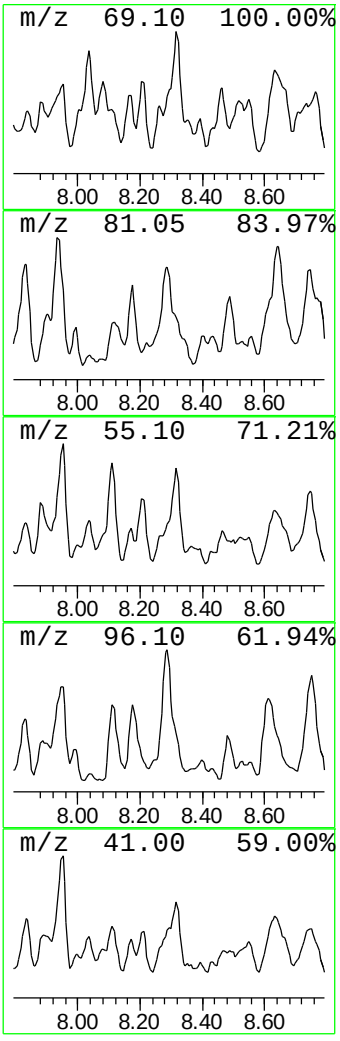
Peak Number 26 (DEL) Alkane: Branched8.29 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	12.26 ng/ul	403575	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	86
2	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	50
3	1H-Indene, octahydro-5-methyl-	138	C10H18	019744-64-0	50
4	1-Methylcyclooctene	124	C9H16	000933-11-9	43
5	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	43





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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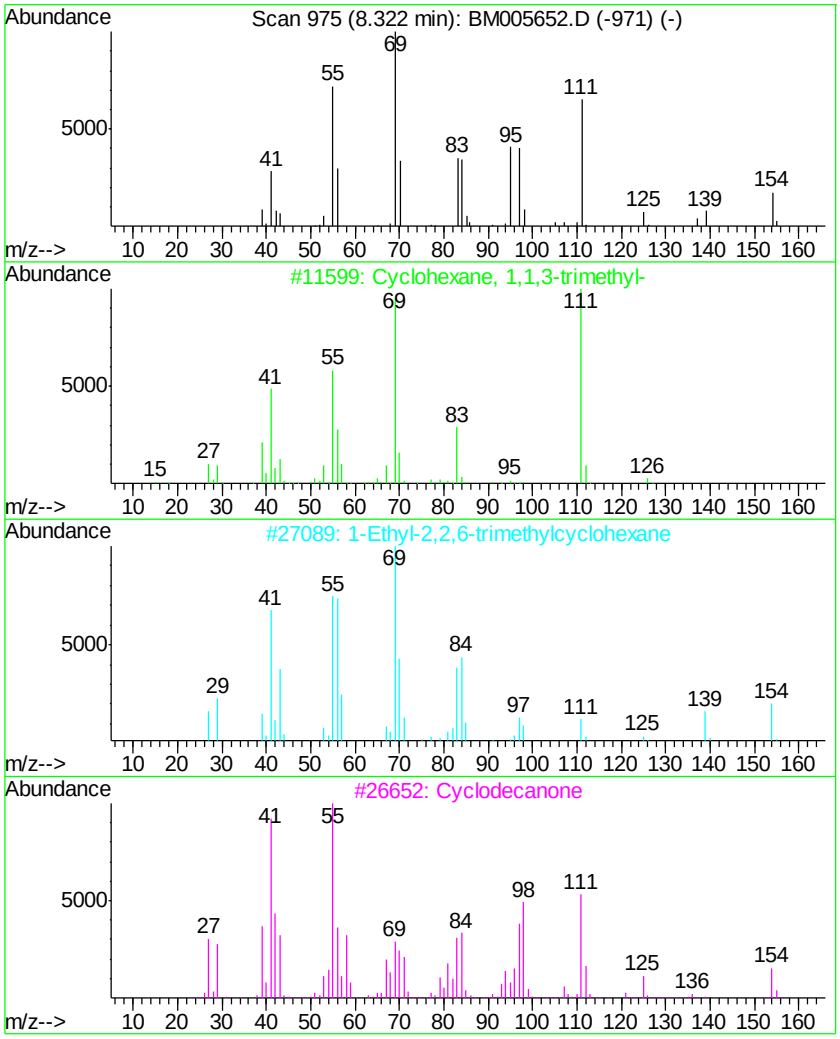
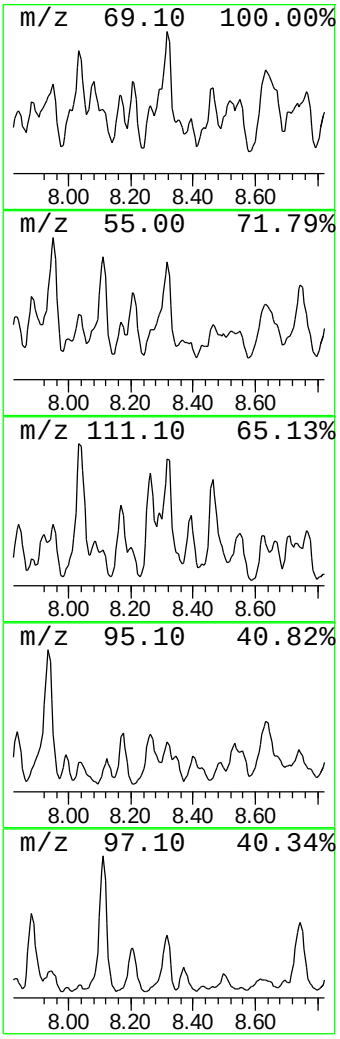
Peak Number 27 (DEL) Alkane: Cyclic8.32 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	13.22 ng/ul	435011	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	43
3	Cyclodecanone	154	C10H18O	001502-06-3	43
4	4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	42





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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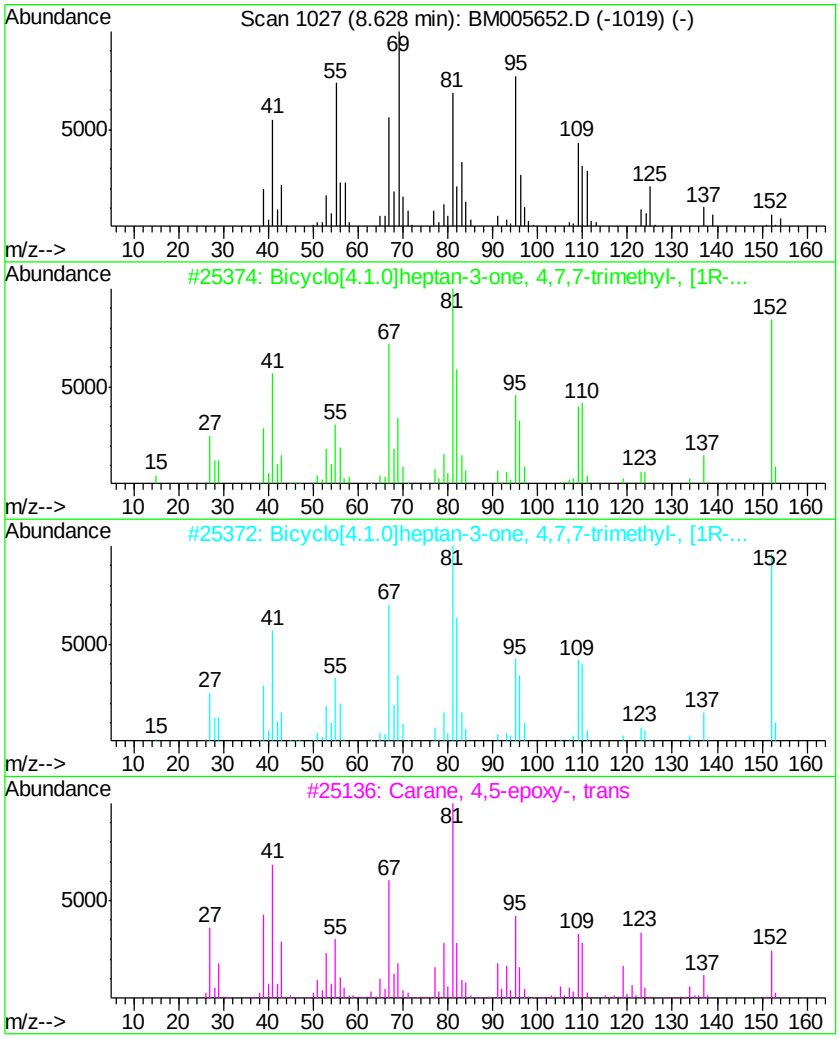
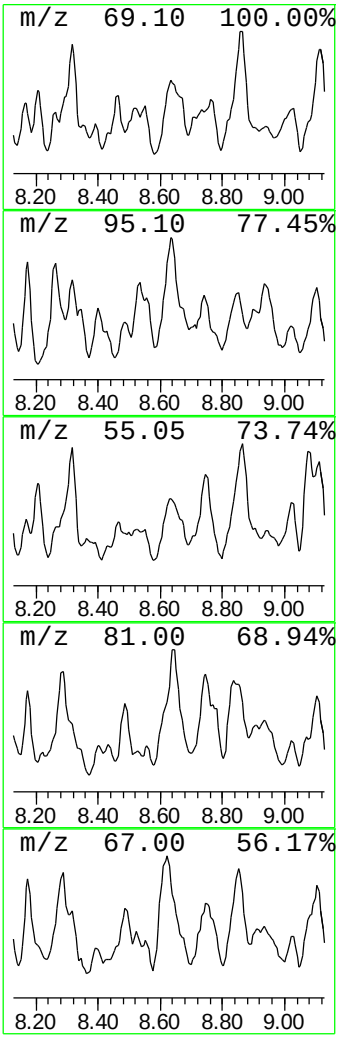
Peak Number 28 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	28.46 ng/ul	936547	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	45
2	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	43
3	Carane, 4,5-epoxy-, trans	152	C10H16O	006909-20-2	43
4	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	42
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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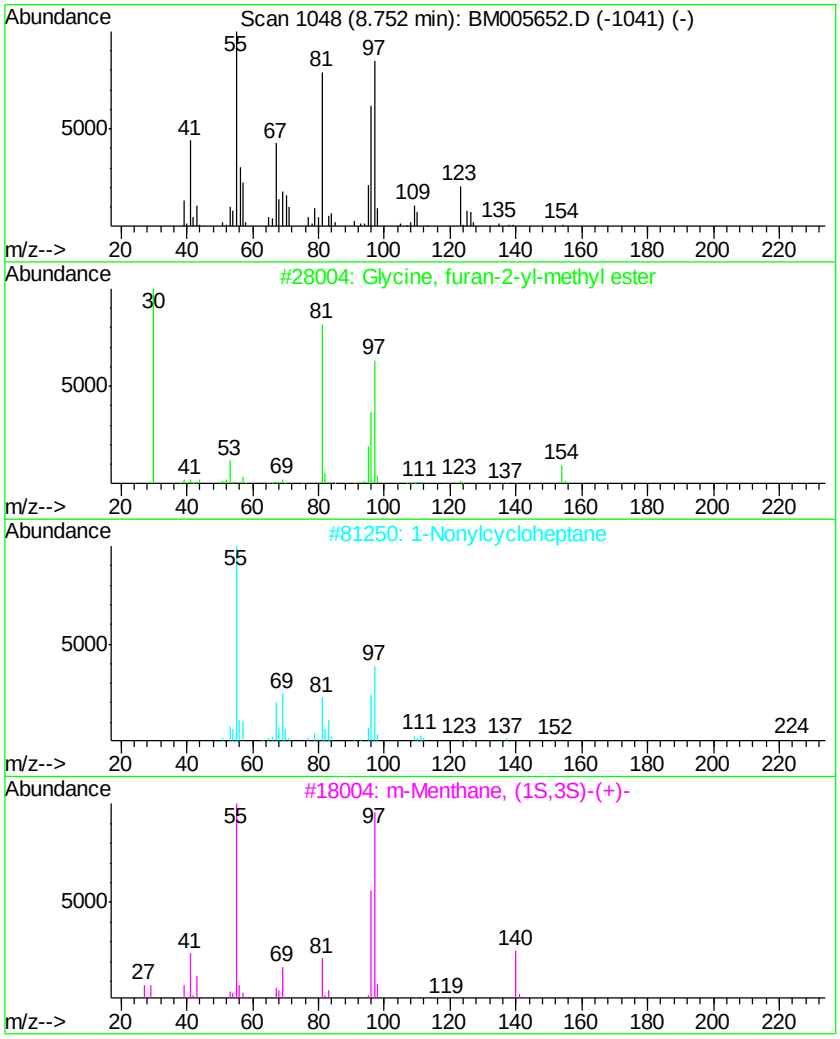
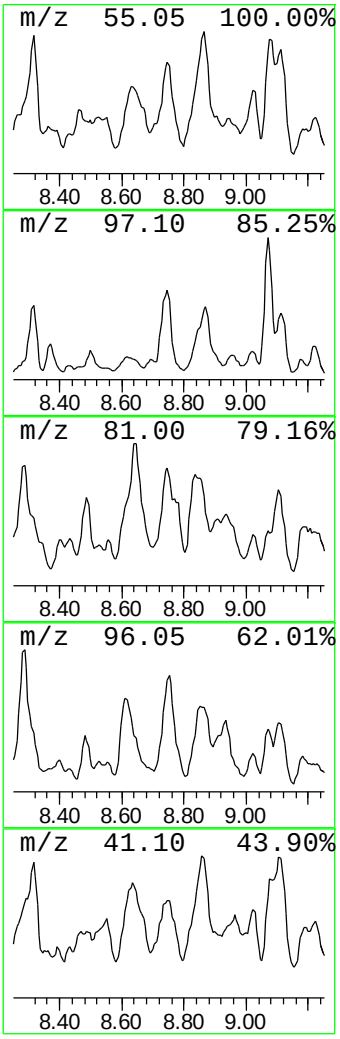
Peak Number 29 Glycine, furan-2-yl-methyl ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	17.00 ng/ul	559483	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, furan-2-yl-methyl ester	155	C7H9NO3	1000306-78-7	53
2	1-Nonylcycloheptane	224	C16H32	1000371-47-7	47
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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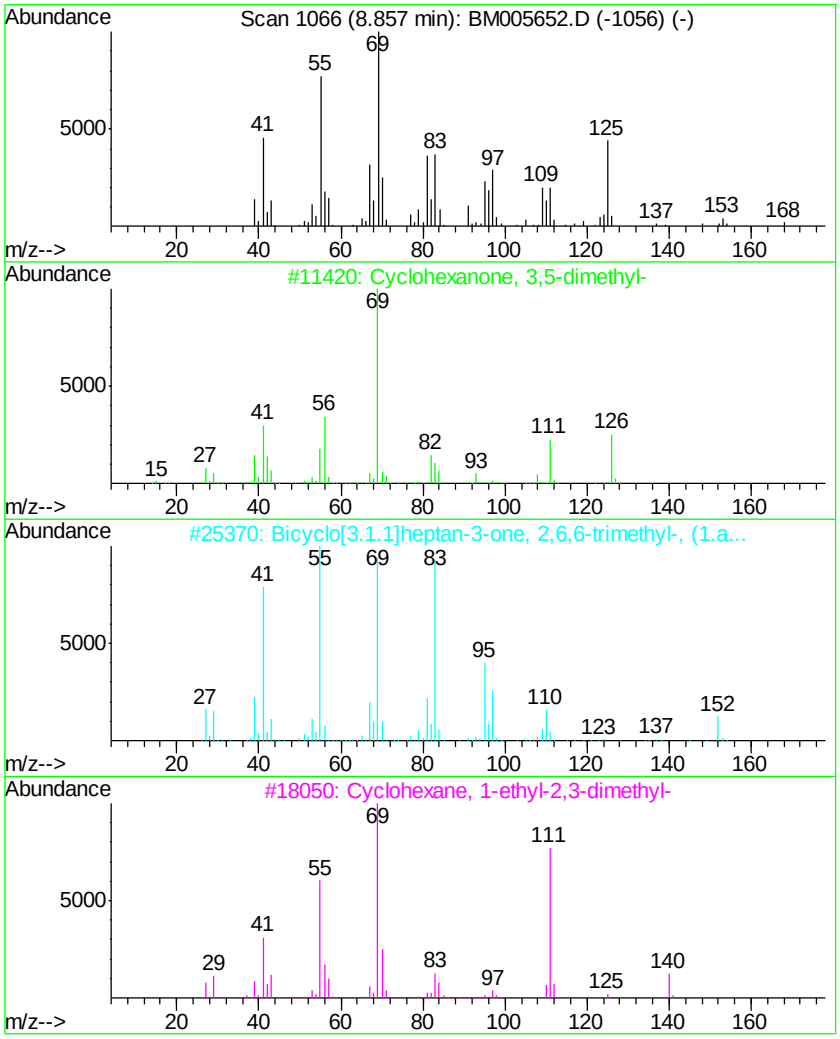
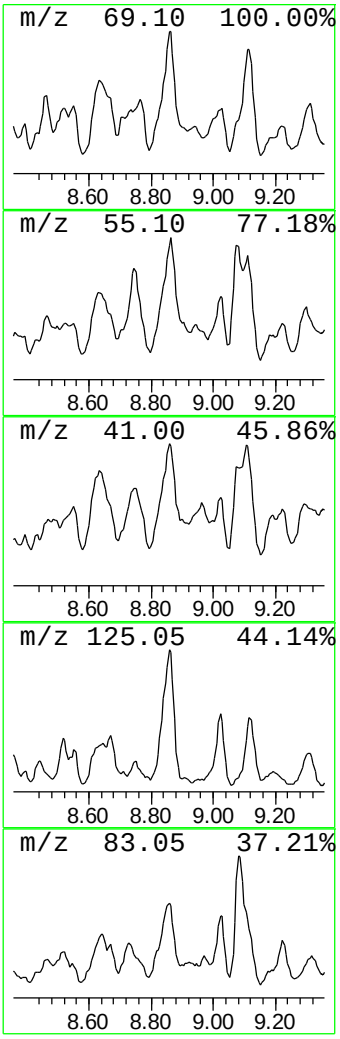
Peak Number 30 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	29.20 ng/ul	960865	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	38
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	38
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	27
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	27





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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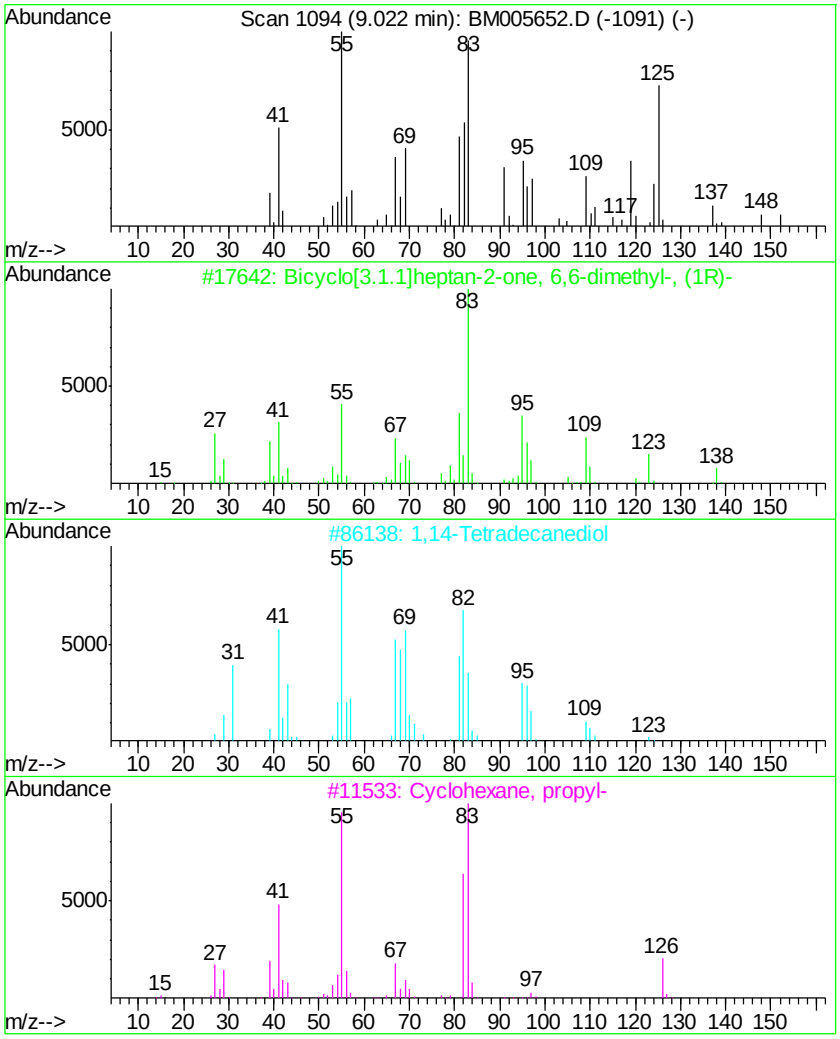
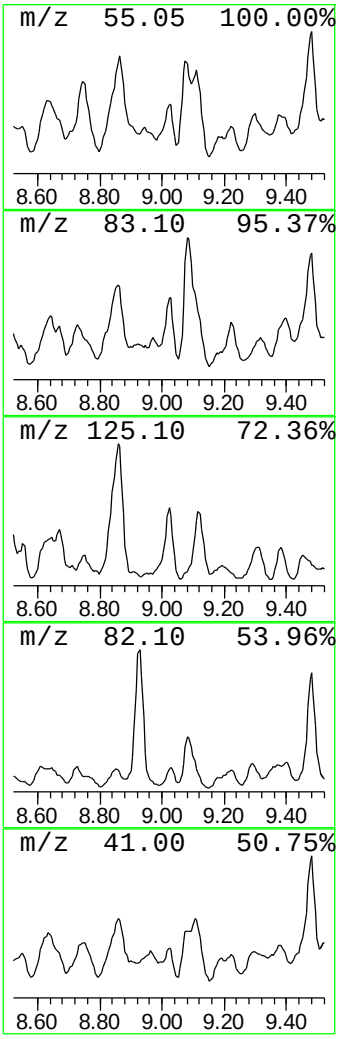
Peak Number 31 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	7.13 ng/ul	234521	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	038651-65-9	35
2	1,14-Tetradecanediol	230	C14H30O2	019812-64-7	27
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	27
4	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	27
5	Cyclohexanemethanol	114	C7H14O	000100-49-2	27





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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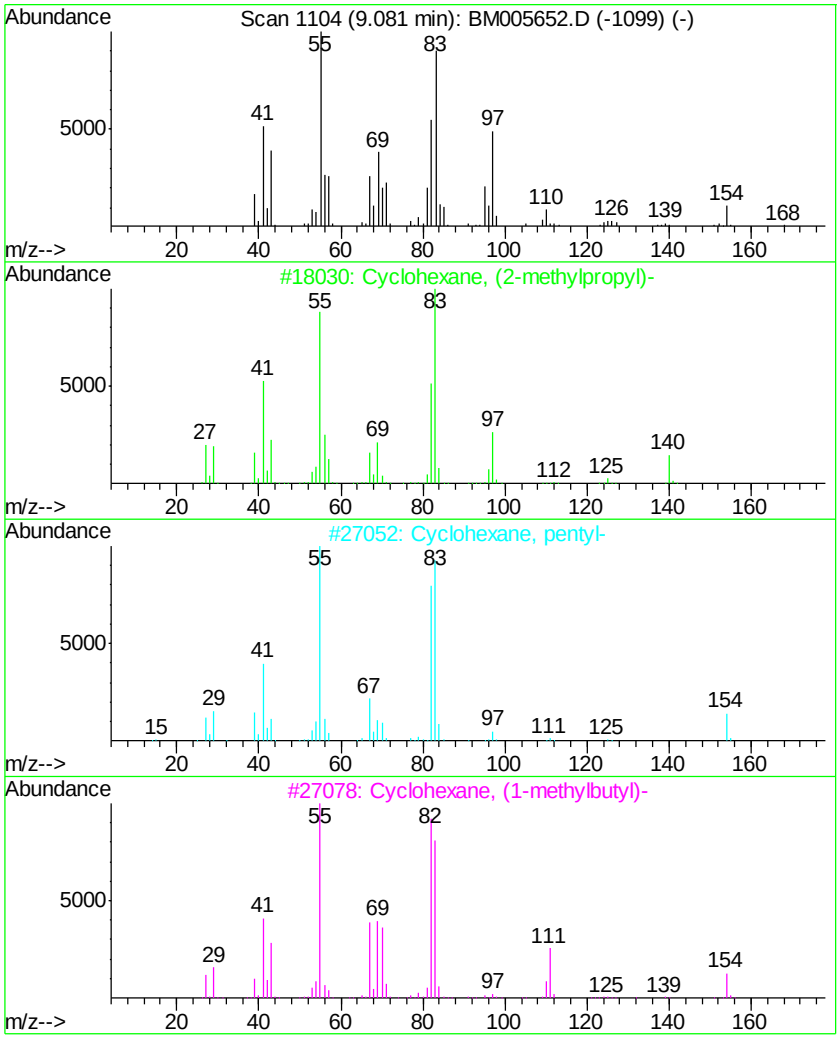
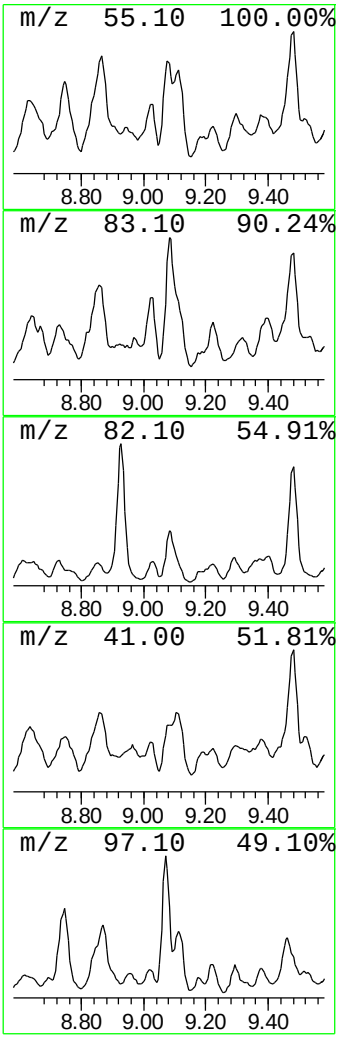
Peak Number 32 (DEL) Alkane: Cyclic9.08 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	10.49 ng/ul	345265	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
3	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Succinic acid, trans-hex-3-enyl ...	382	C23H42O4	1000353-43-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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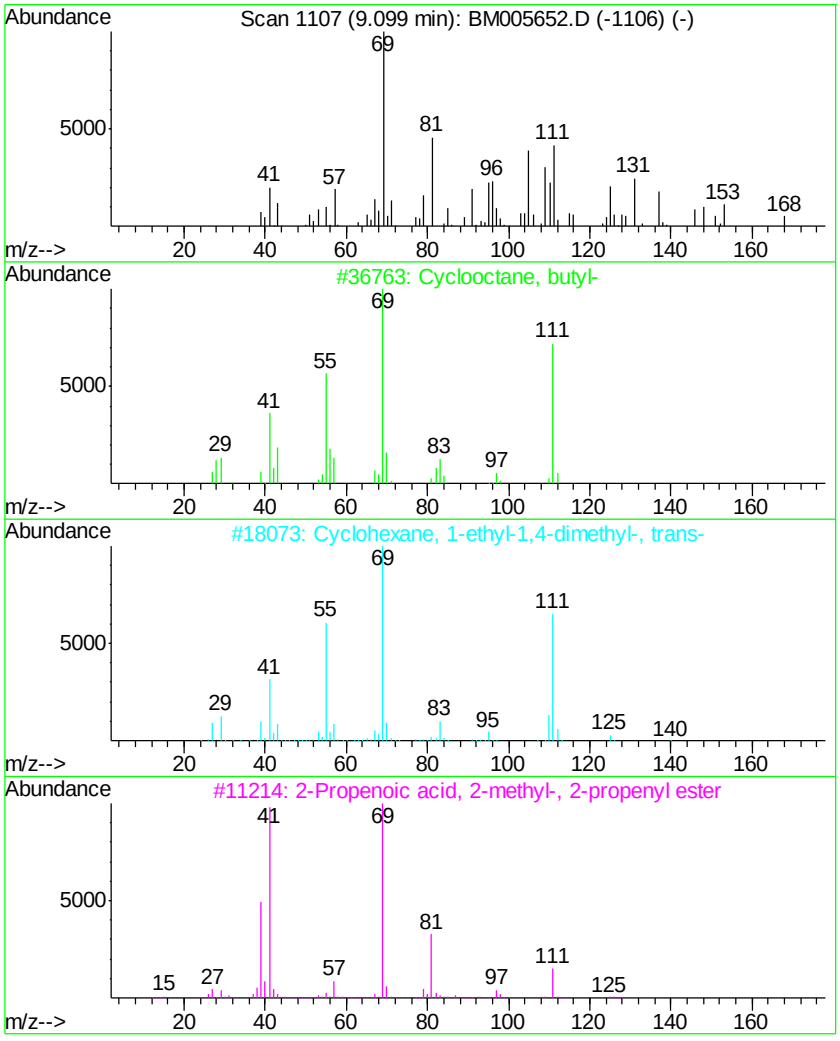
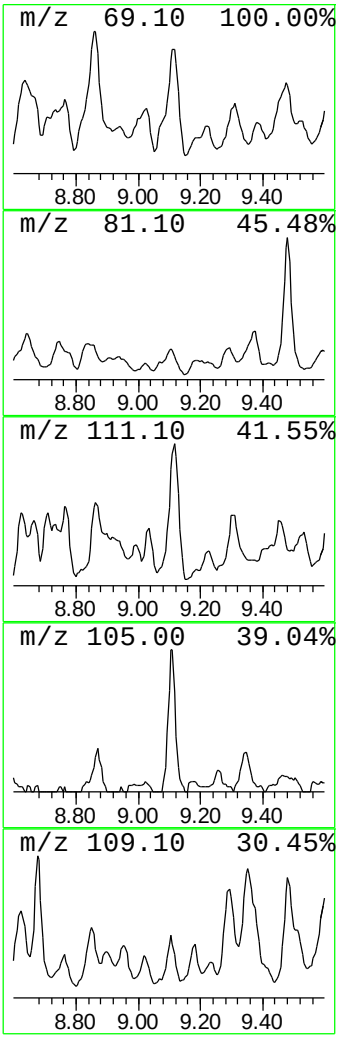
Peak Number 33 (DEL) Alkane: Cyclic9.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	19.01 ng/ul	625437	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, butyl-	168	C12H24	016538-93-5	38
2	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	38
3	2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	38
4	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	38
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	37





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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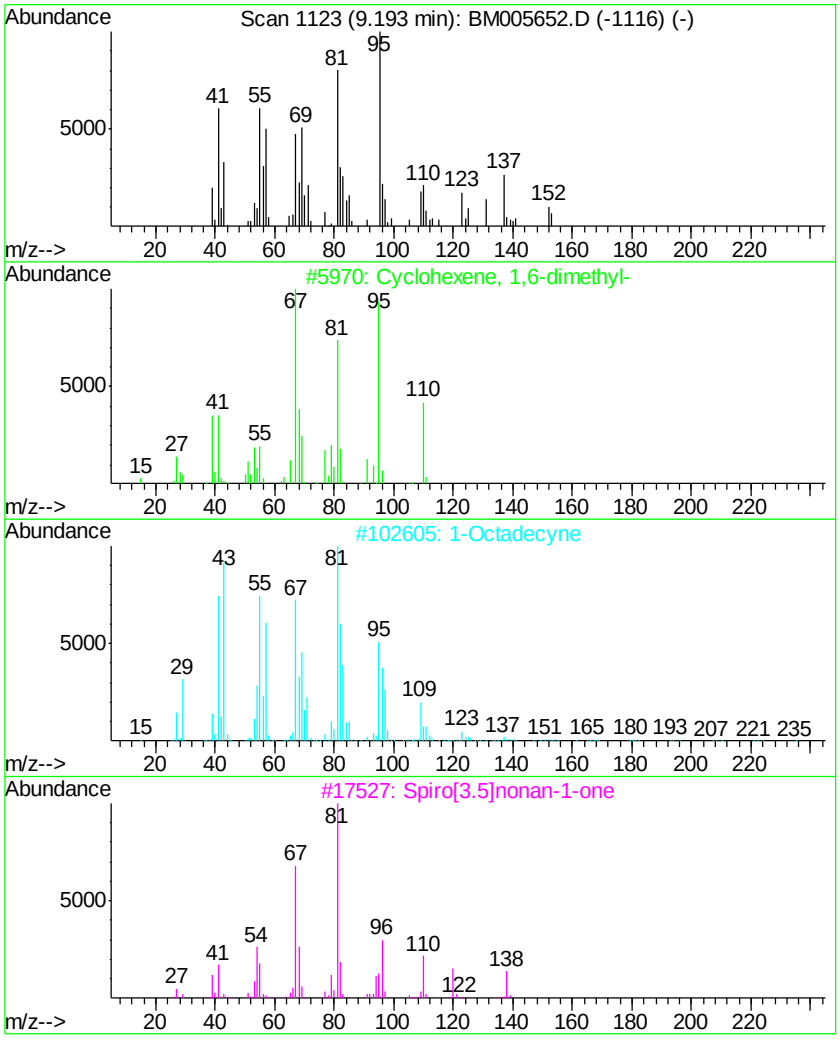
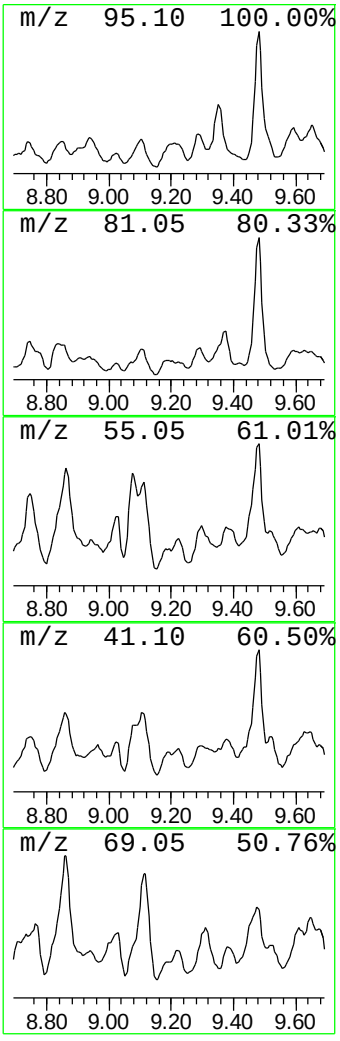
Peak Number 34 (DEL) Alkane: Branched9.19 Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.16 ng/ul	205662	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	52
2	1-Octadecyne	250	C18H34	000629-89-0	43
3	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	38
4	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	38
5	Cyclohexane, 1-methyl-4-(2-hydro...	142	C9H18O	004916-87-4	35





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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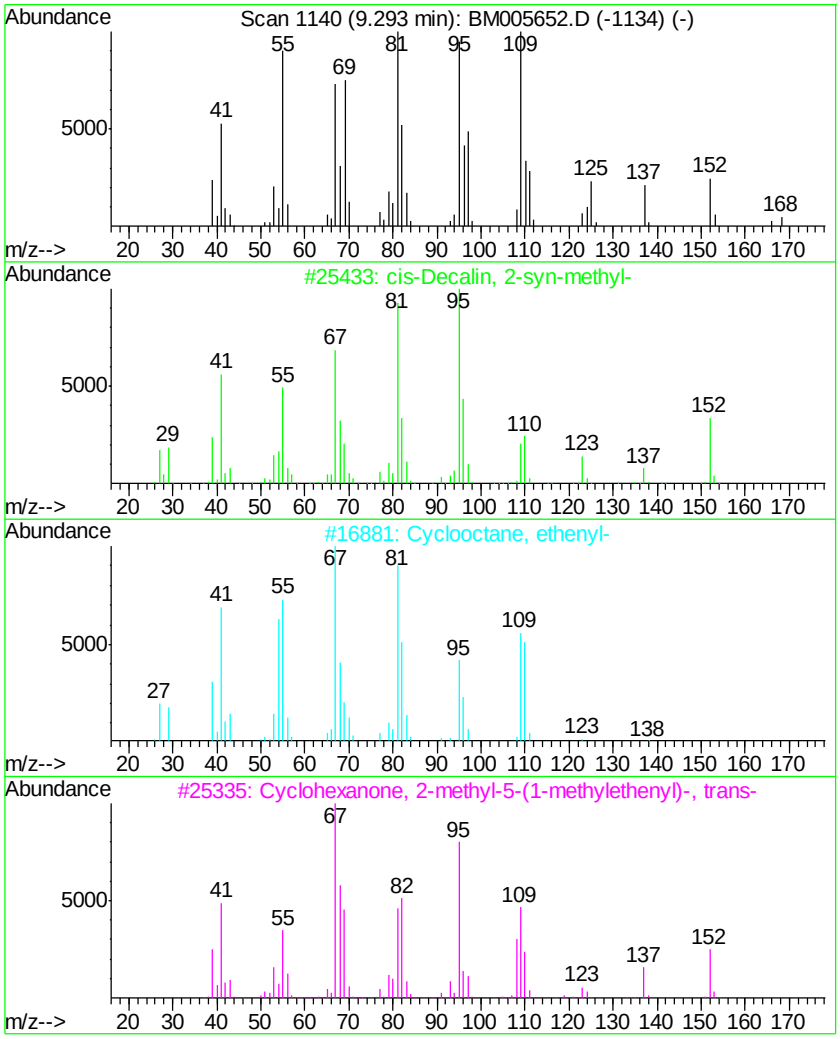
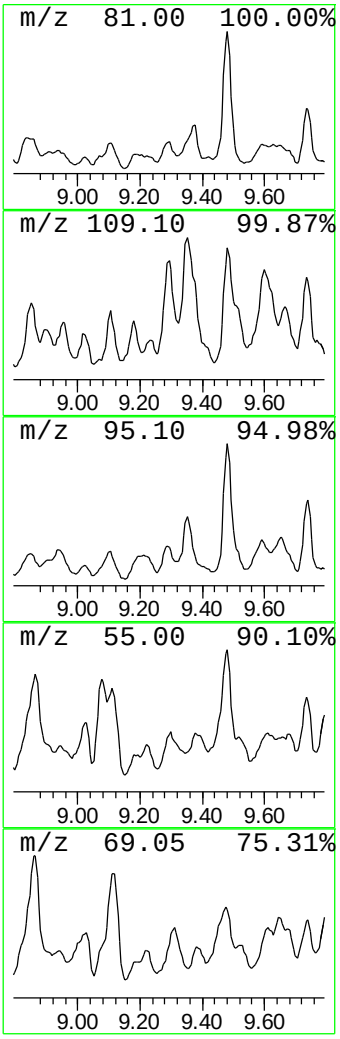
Peak Number 35 (DEL) Alkane: Branched9.29 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.13 ng/ul	298647	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	45
2	Cyclooctane, ethenyl-	138	C10H18	061142-41-4	43
3	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	42
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	41
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	41





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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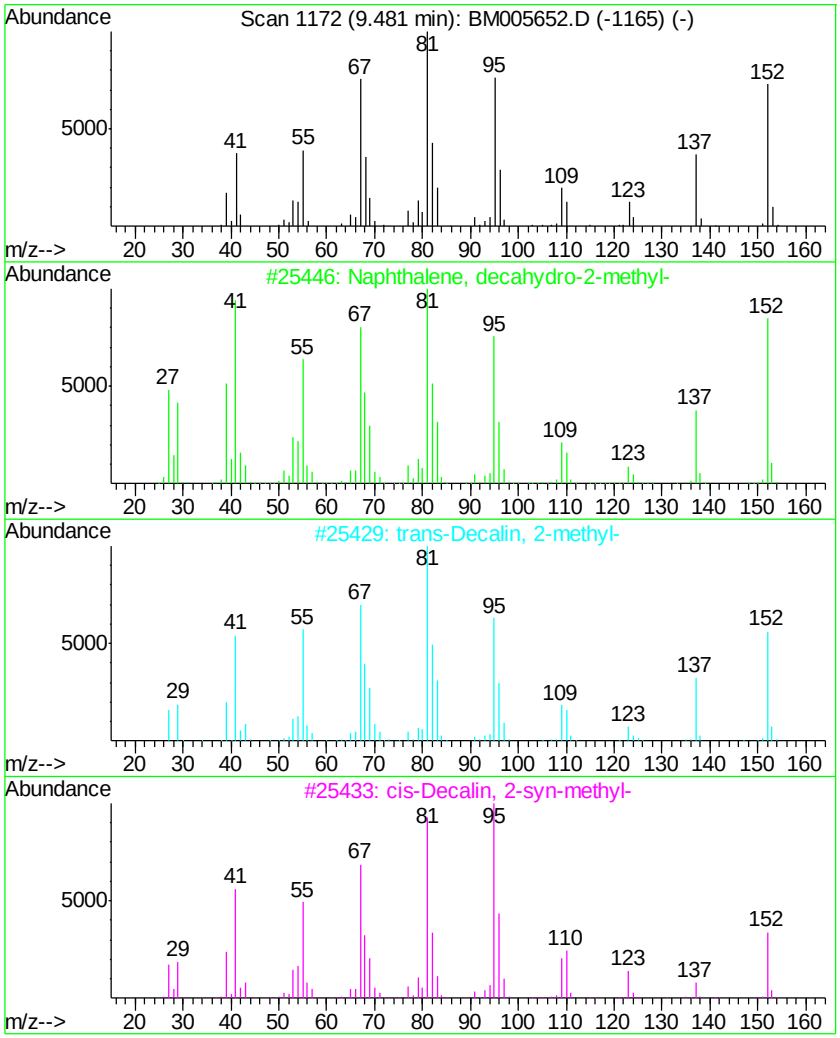
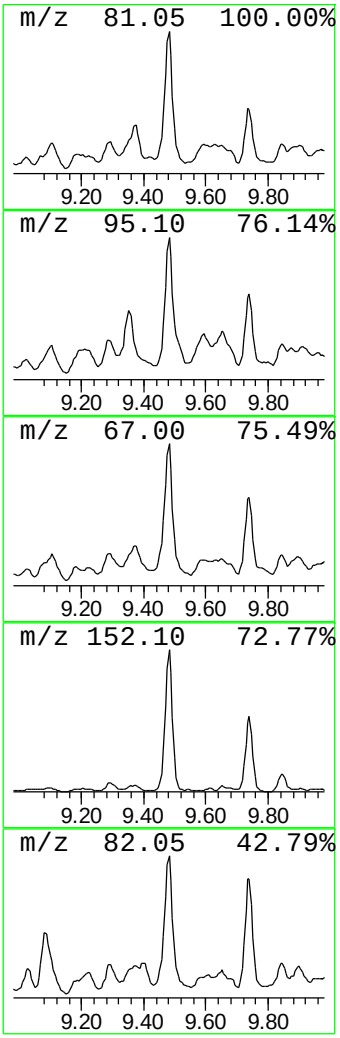
Peak Number 36 (DEL) Alkane: Branched9.48 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	11.23 ng/ul	1071410	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	87
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	87
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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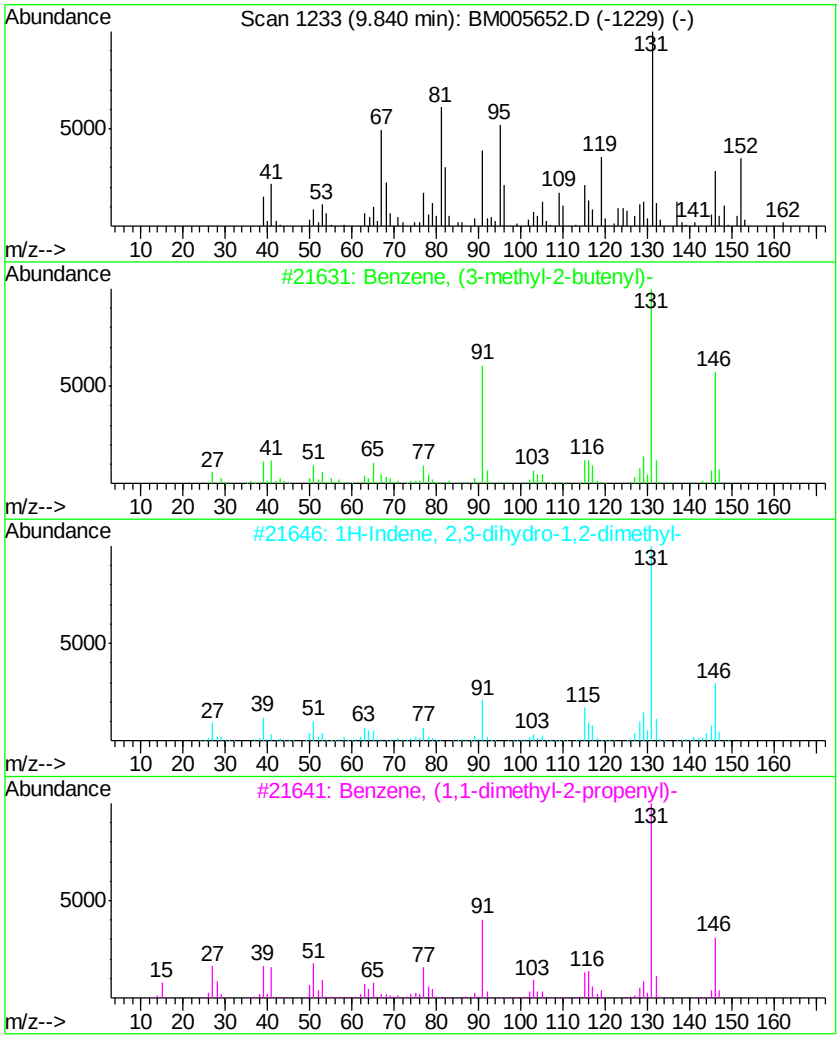
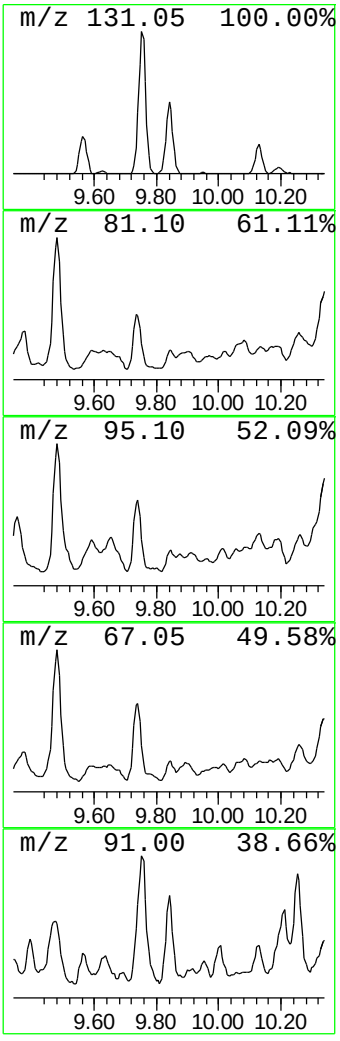
Peak Number 37 Benzene, (3-methyl-2-butenyl)- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	2.50 ng/ul	238949	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	84
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	83
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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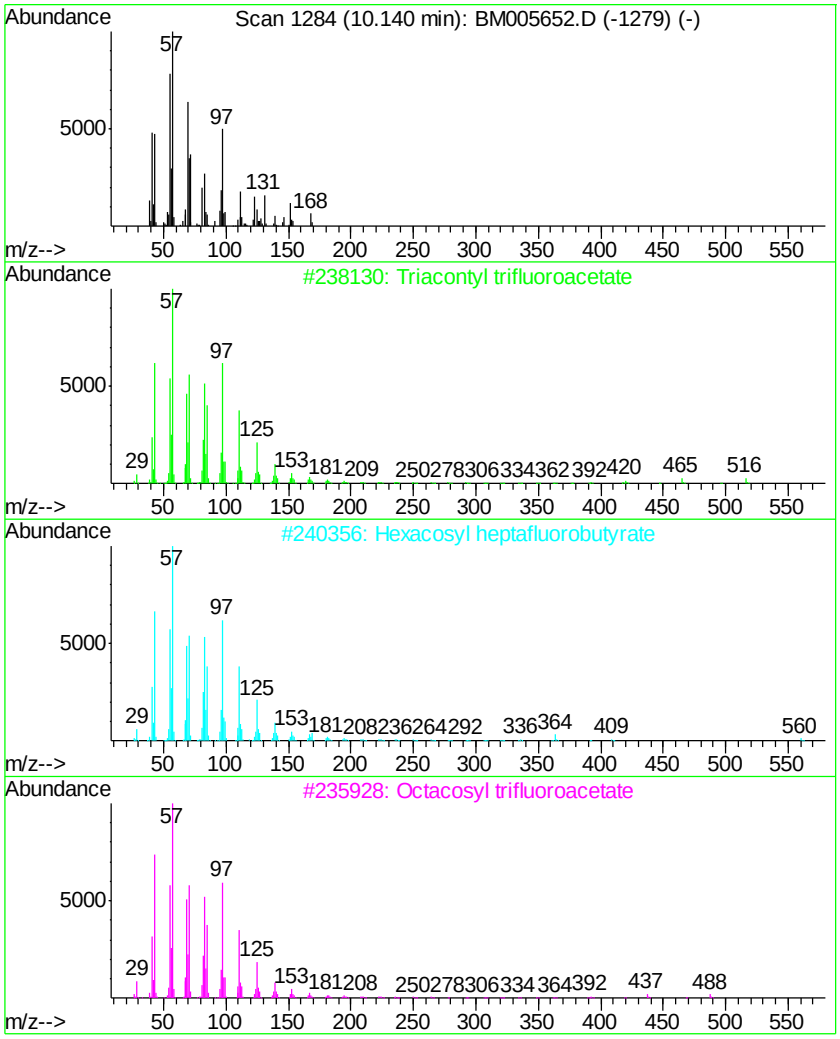
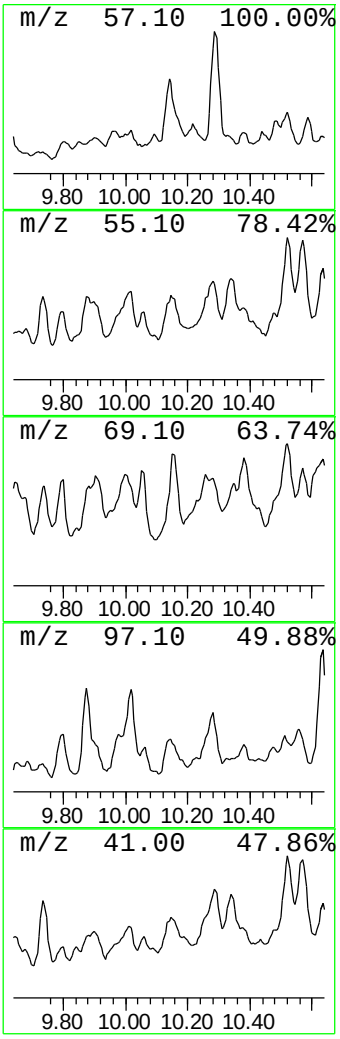
Peak Number 38 unknown-04 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.98 ng/ul	380152	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	43
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	43
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	43
4	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	41
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	38





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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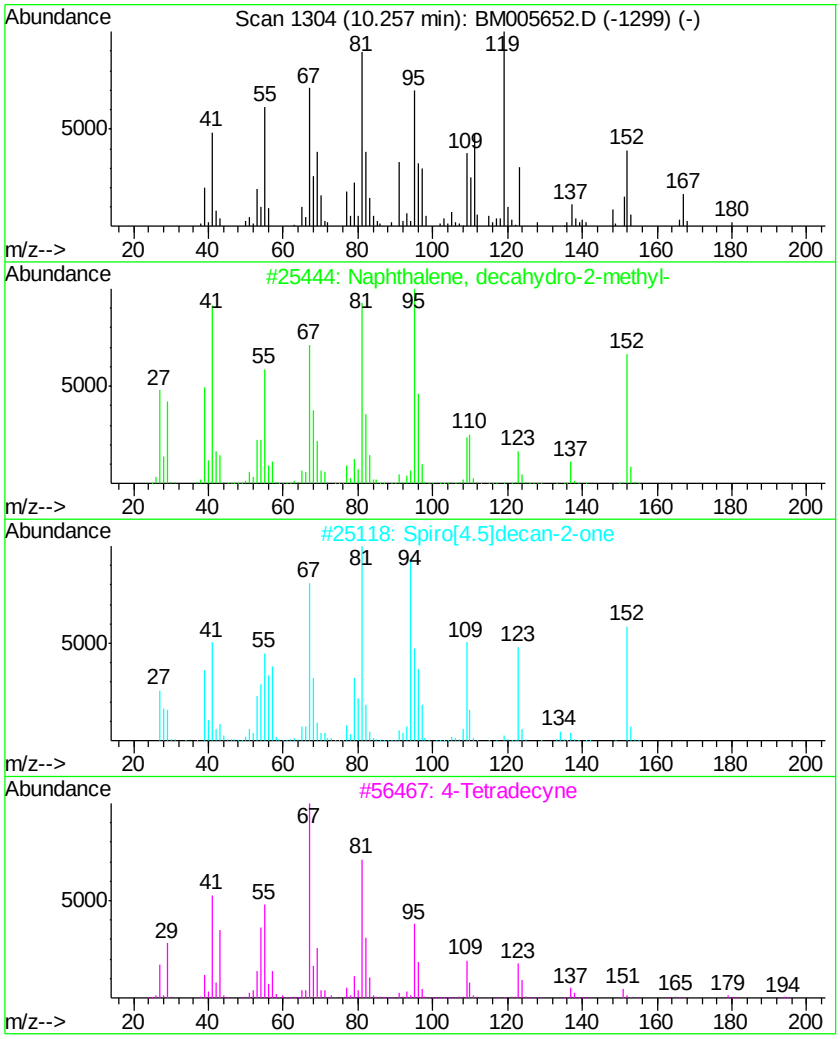
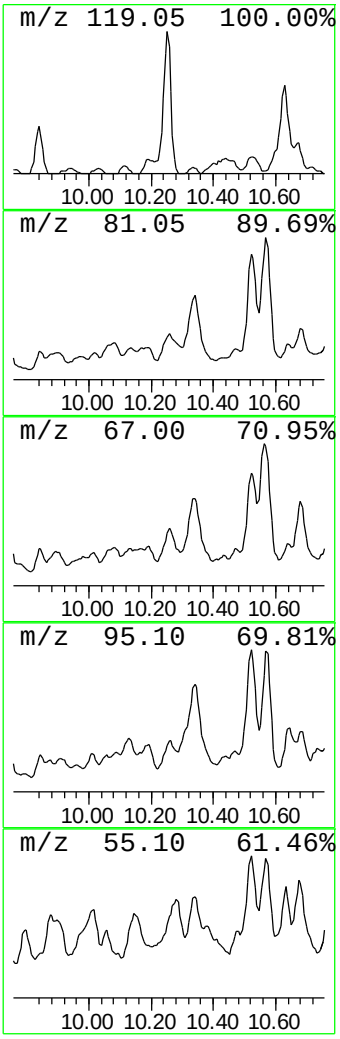
Peak Number 39 (DEL) Alkane: Branched10.26 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.47 ng/ul	330845	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
2	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	46
3	4-Tetradecyne	194	C14H26	060212-33-1	43
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	41
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	38





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

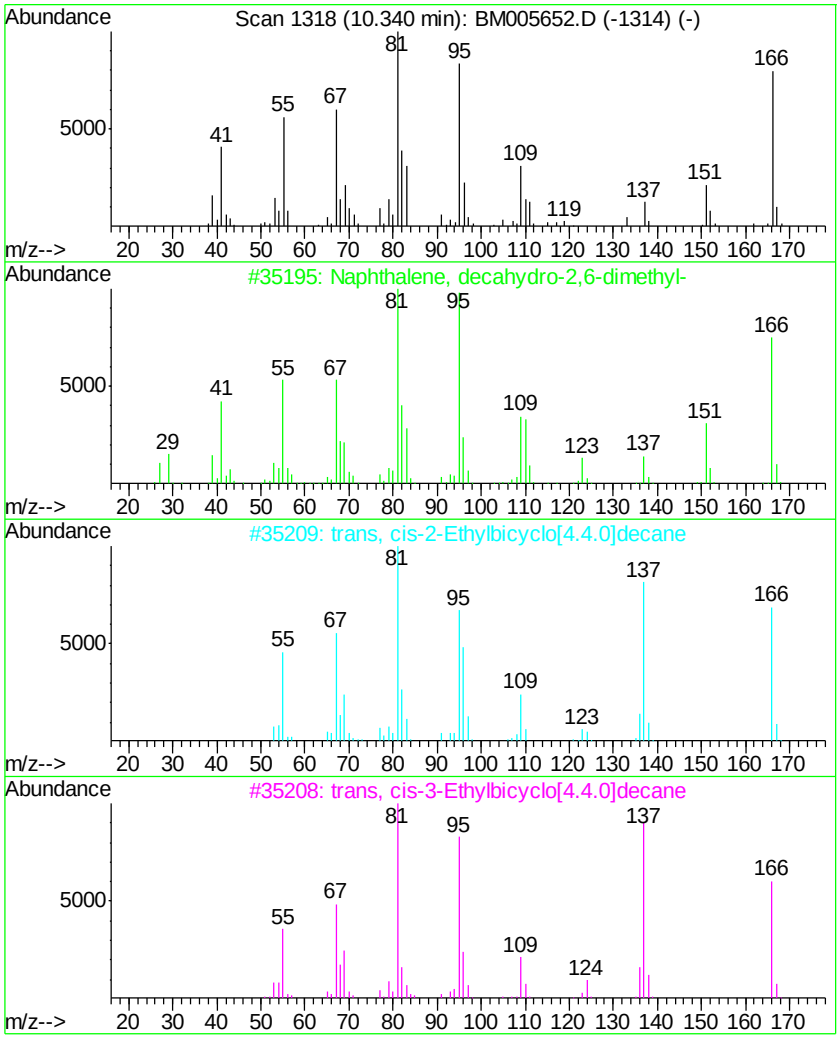
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

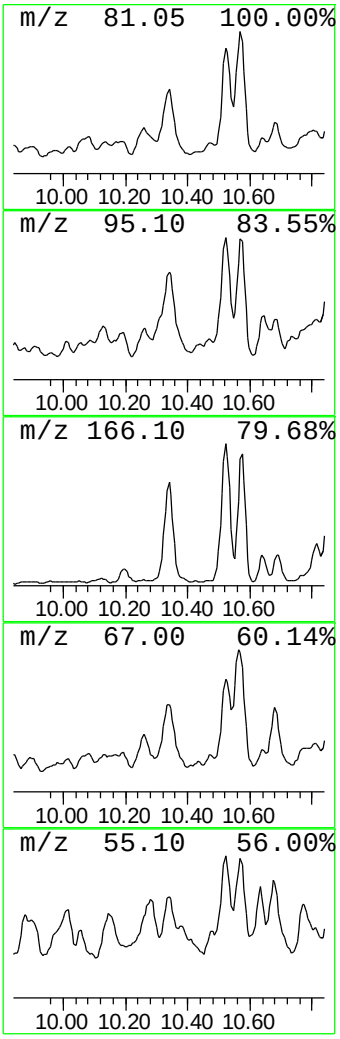
****

Peak Number 40 (DEL) Alkane: Branched10.34 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	8.11 ng/ul	773903	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	91
2	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	83
3	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	83
4	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	80
5	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	53





Library Search Compound Report

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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

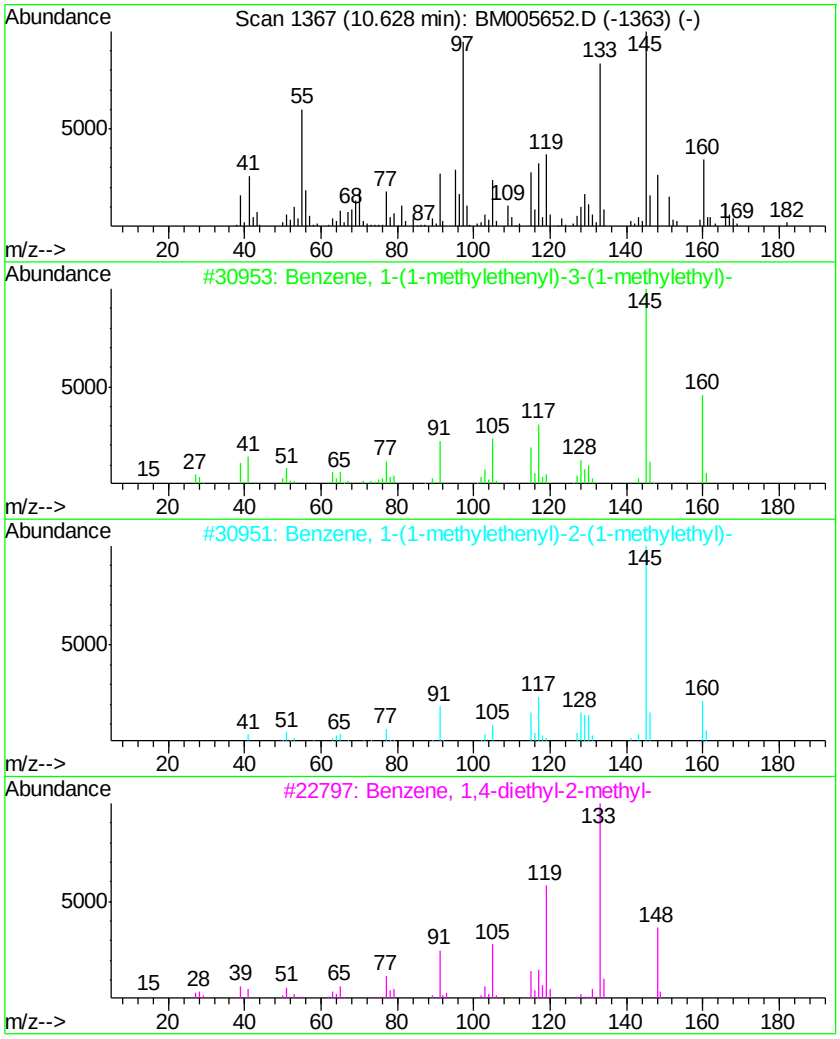
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

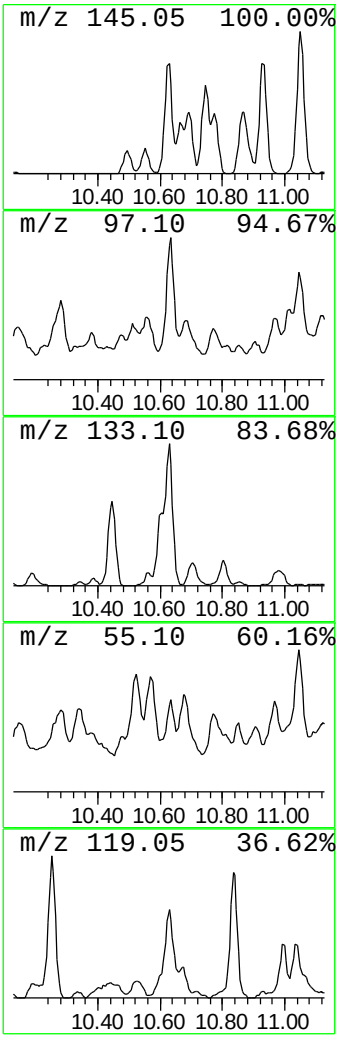
****

Peak Number 41 Benzene, 1-(1-methylethenyl... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	6.78 ng/ul	647184	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
2	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	38
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	35





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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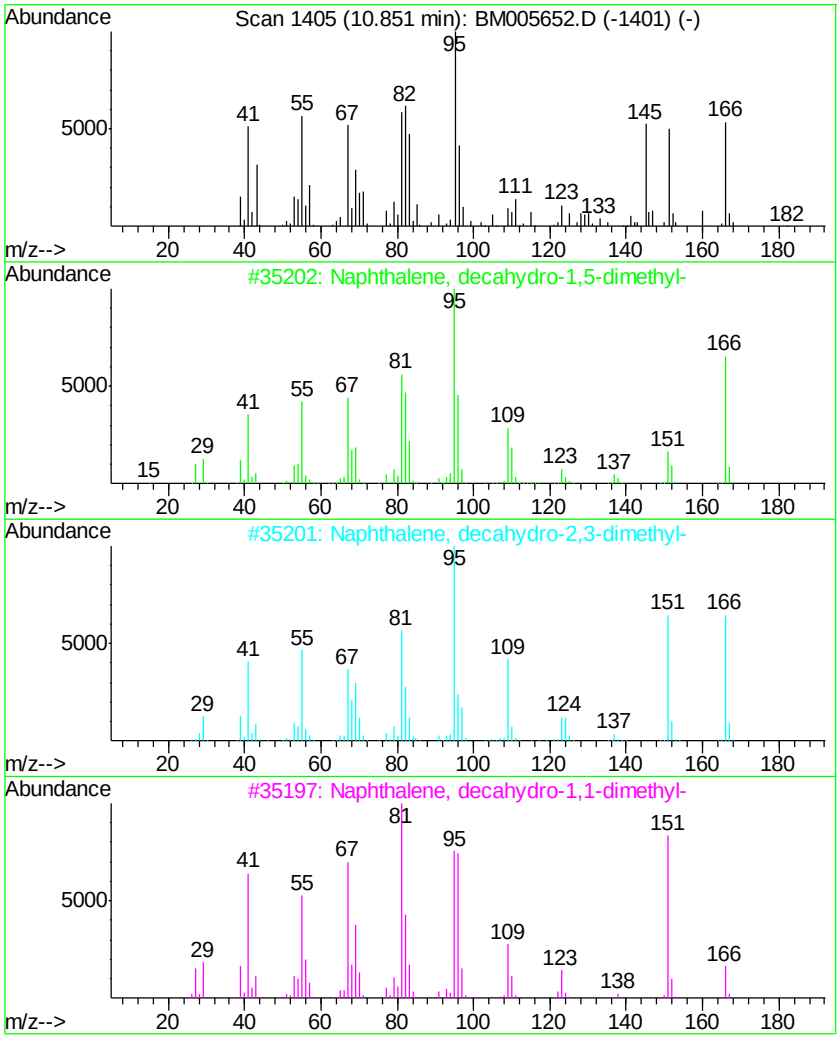
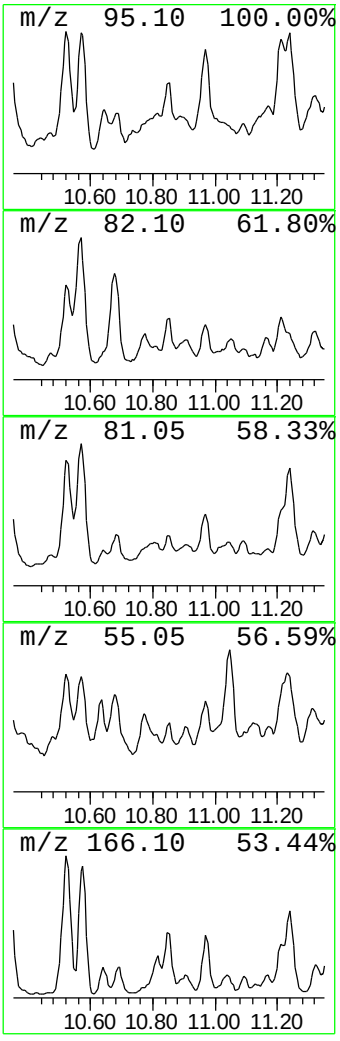
Peak Number 42 (DEL) Alkane: Branched10.85 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.55 ng/ul	242808	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	52
2	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	49
3	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	46
4	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	38





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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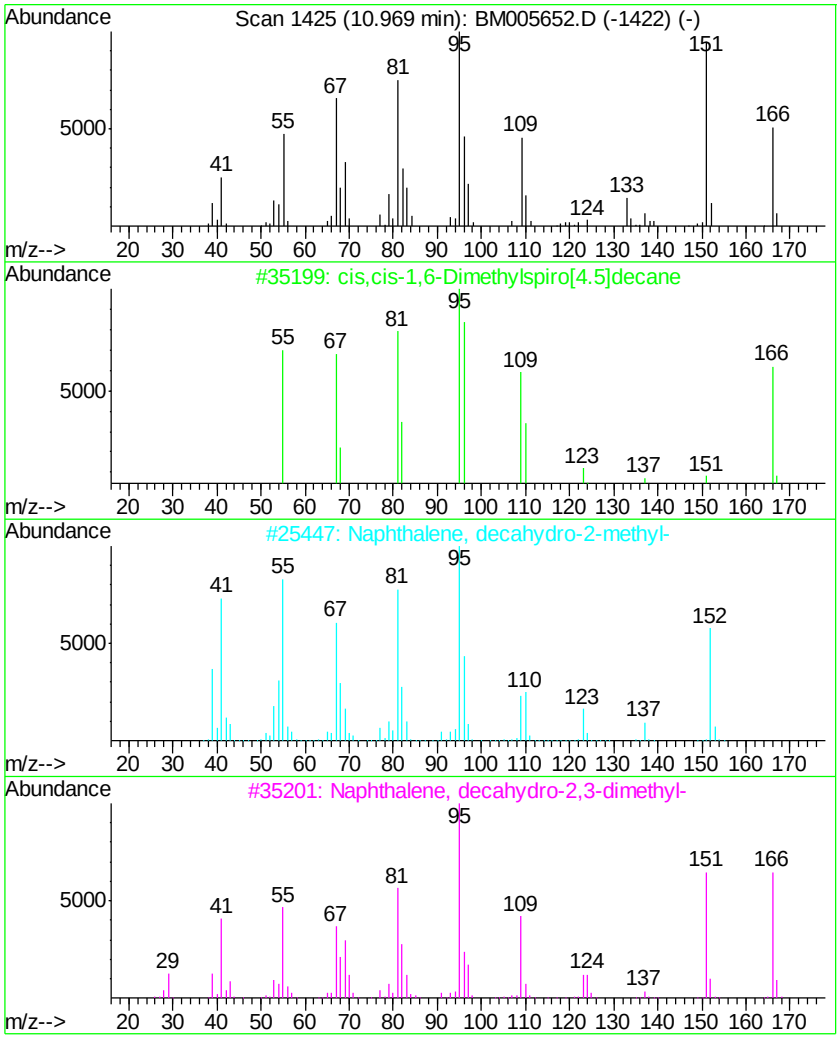
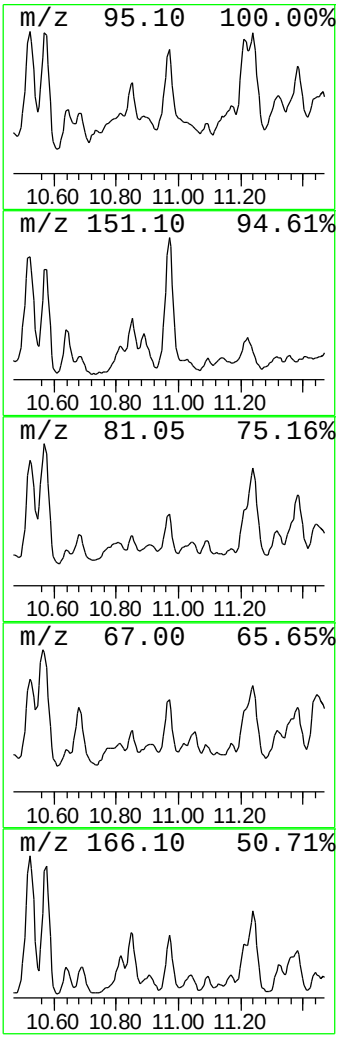
Peak Number 43 (DEL) Alkane: Branched10.97 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.92 ng/ul	374008	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	64
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
3	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	49
4	Cyclododecene, (E)-	166	C12H22	001486-75-5	46
5	Spiro[5.5]undecane	152	C11H20	000180-43-8	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

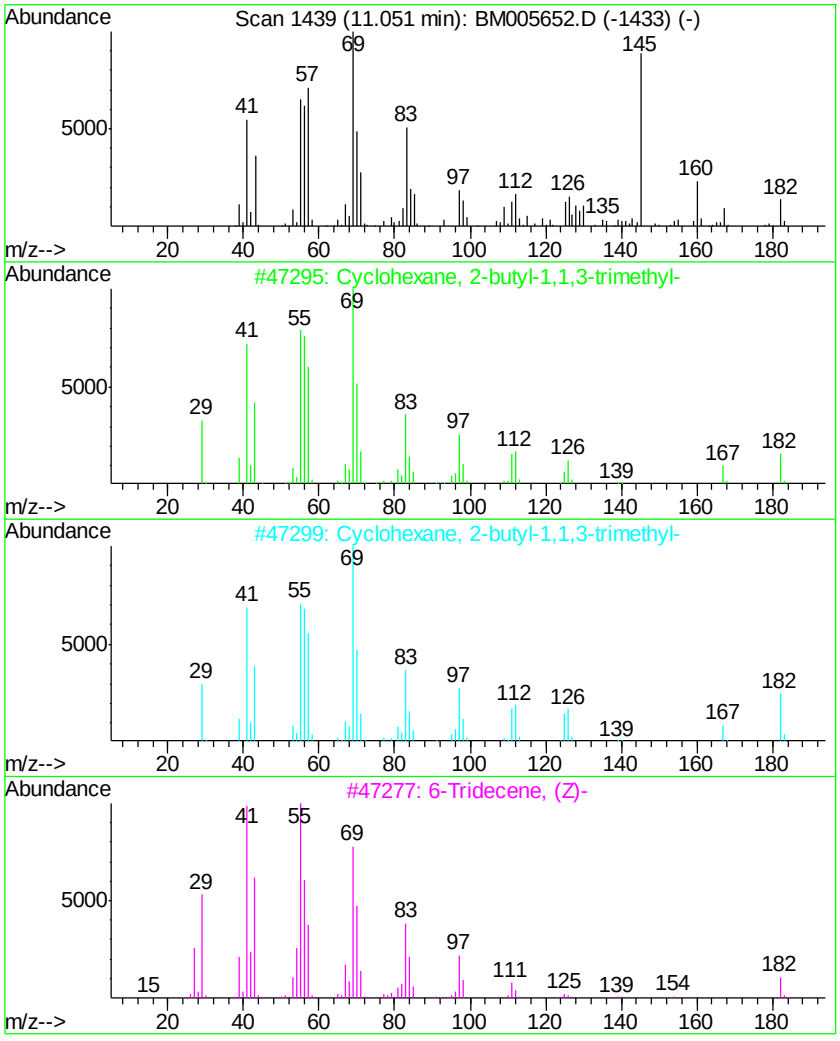
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

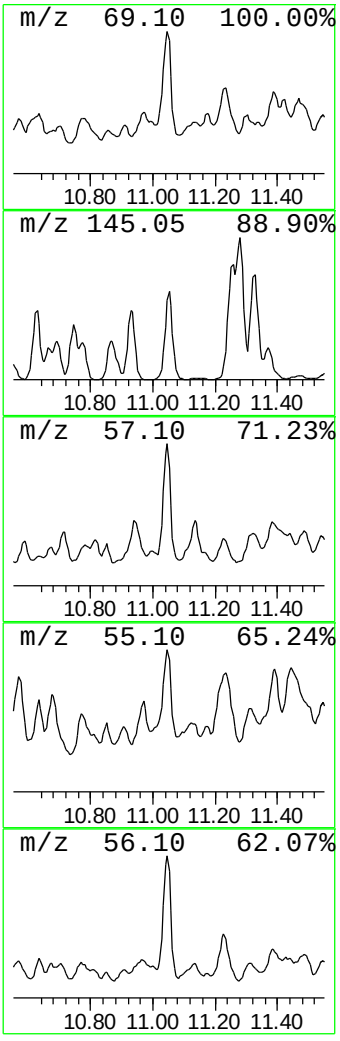
****

Peak Number 44 (DEL) Alkane: Cyclic11.05 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	10.22 ng/ul	975407	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	76
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	70
5	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	68





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

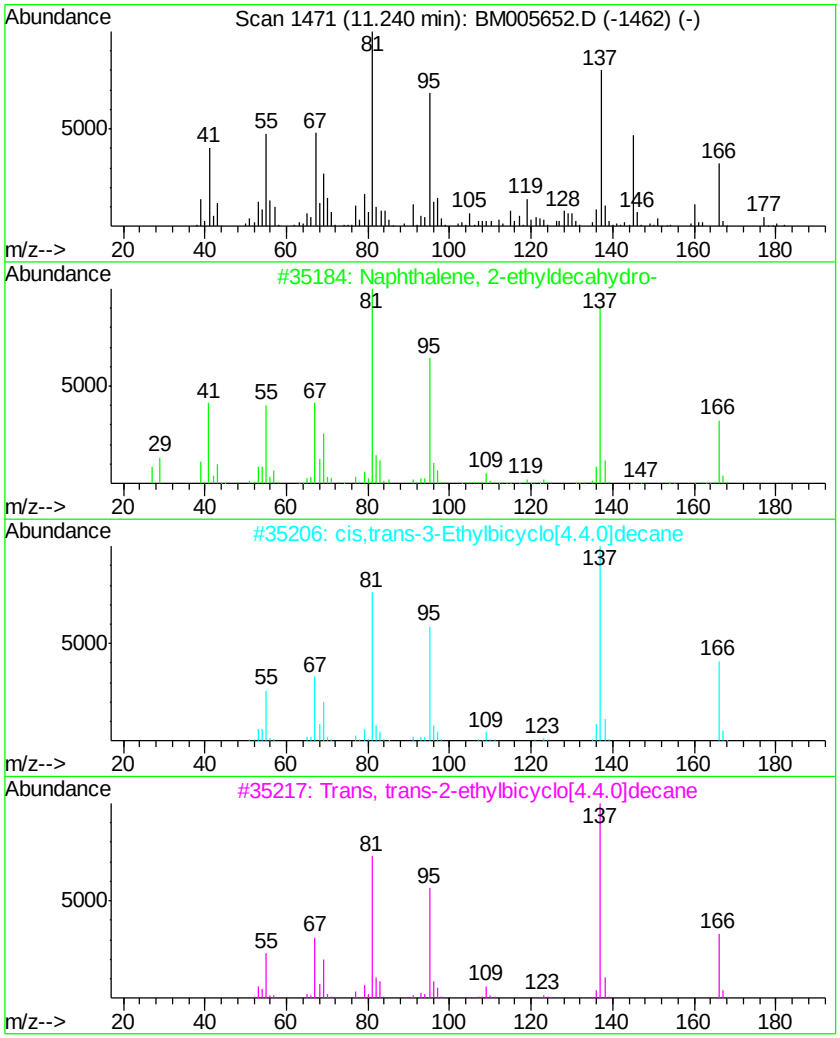
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

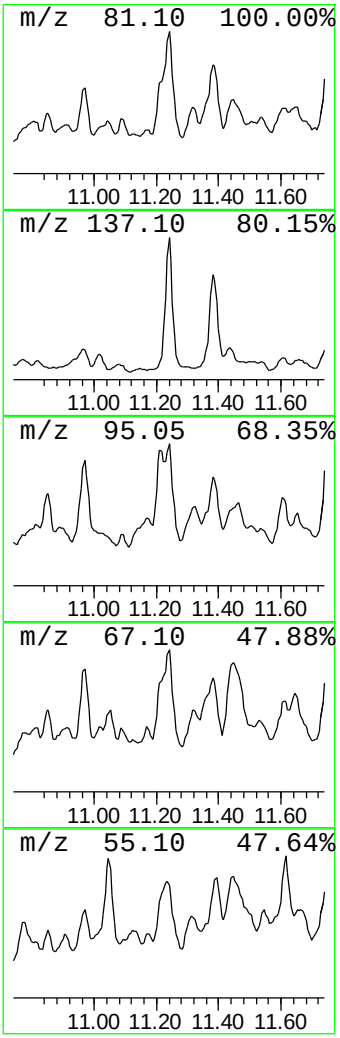
****

Peak Number 45 (DEL) Alkane: Branched11.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	17.98 ng/ul	1715240	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	81
2	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	81
3	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	74
4	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	74
5	cis,trans-2-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-38-6	49





Library Search Compound Report

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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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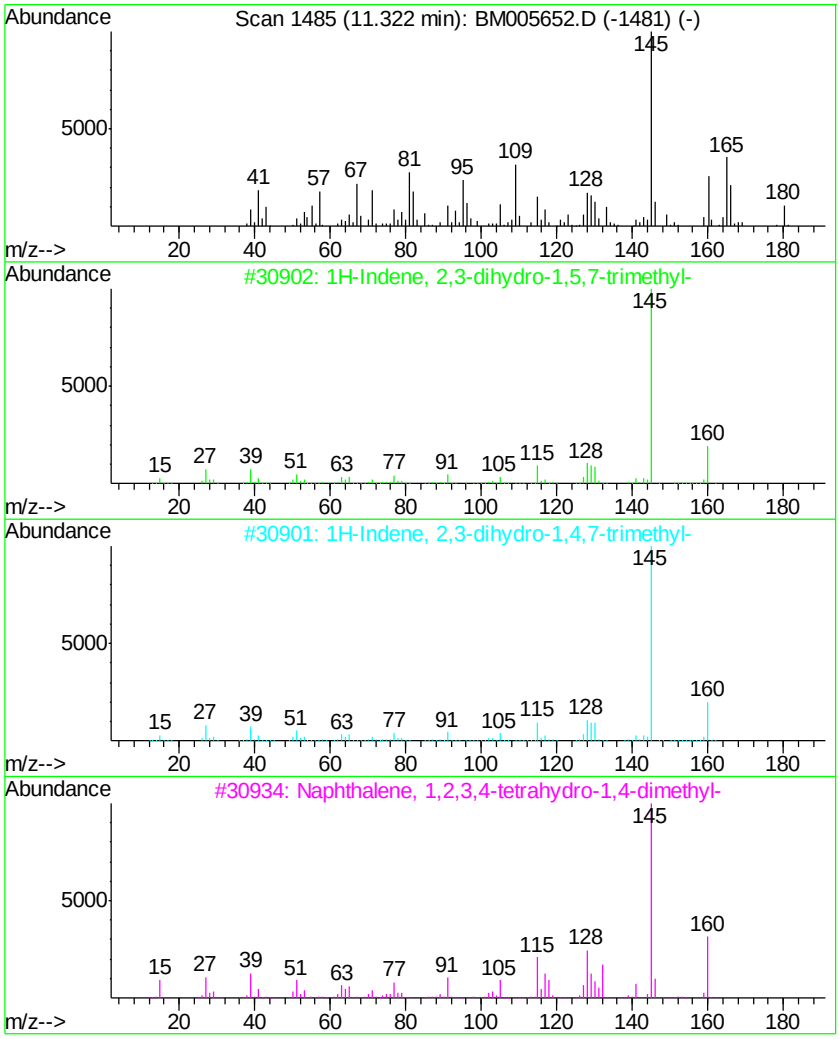
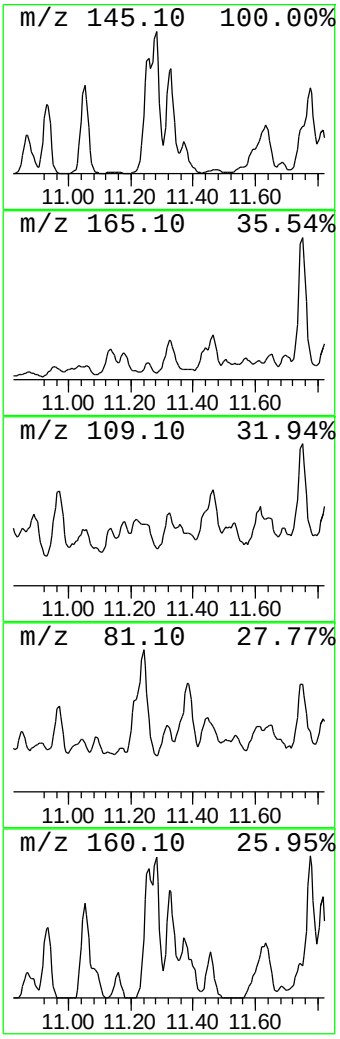
Peak Number 46 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	3.87 ng/ul	368977	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	55
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	55





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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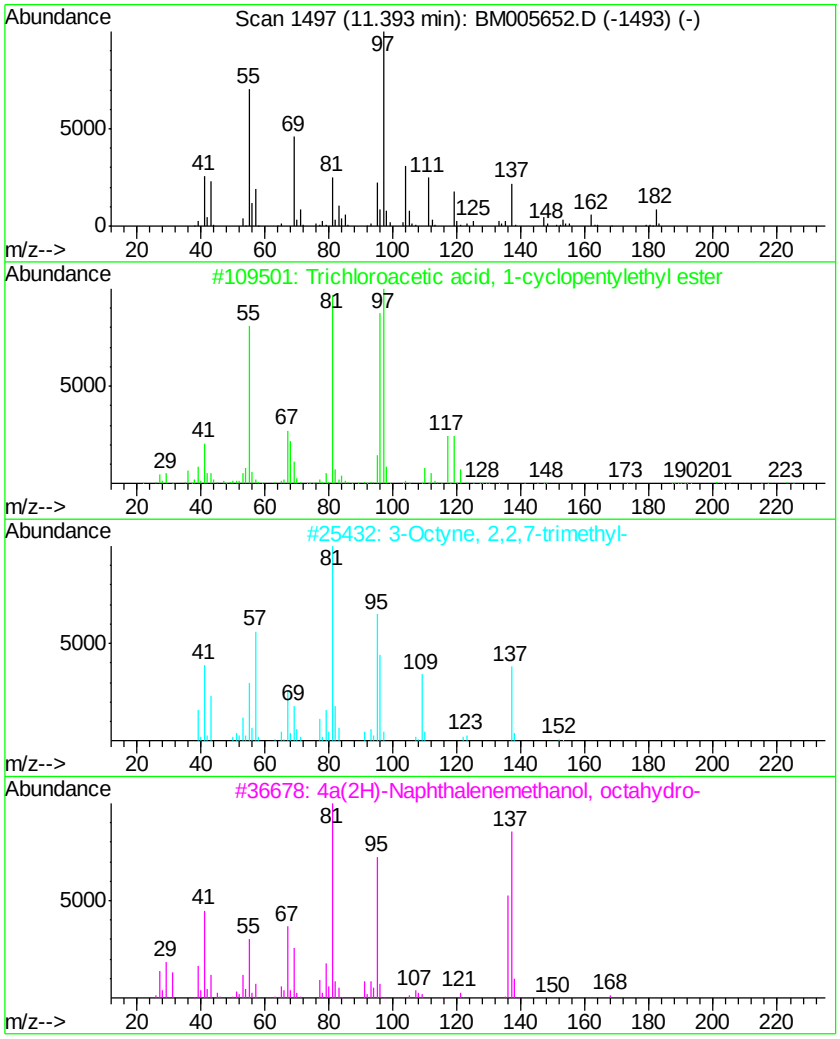
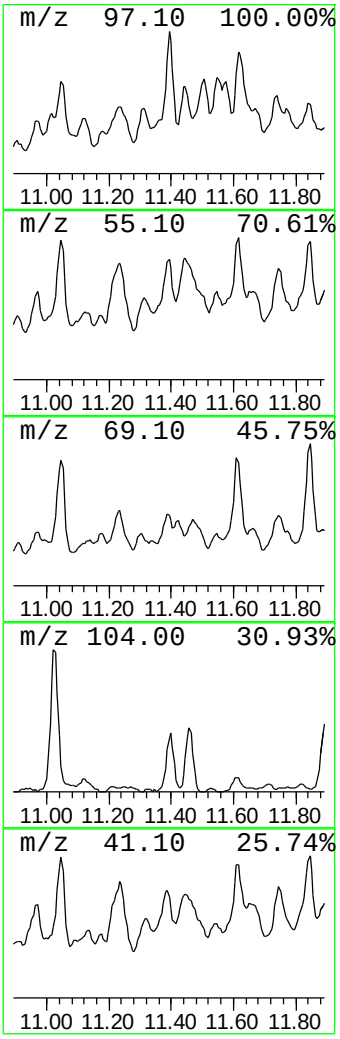
Peak Number 47 unknown-05 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	4.89 ng/ul	466258	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 1-cyclopen...	258	C9H13Cl3O2	1000282-57-1	35
2	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	30
3	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	30
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	27
5	1-Heptyne, 3-ethoxy-3,4-dimethyl-	168	C11H20O	054411-04-0	22





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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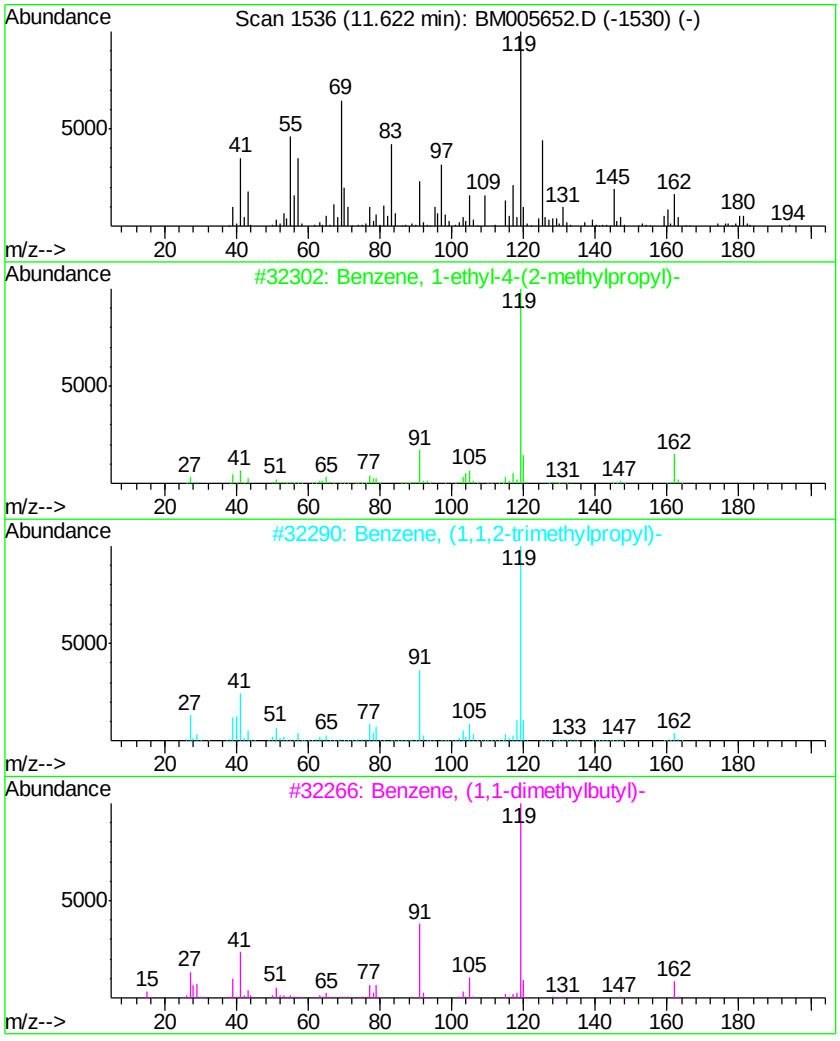
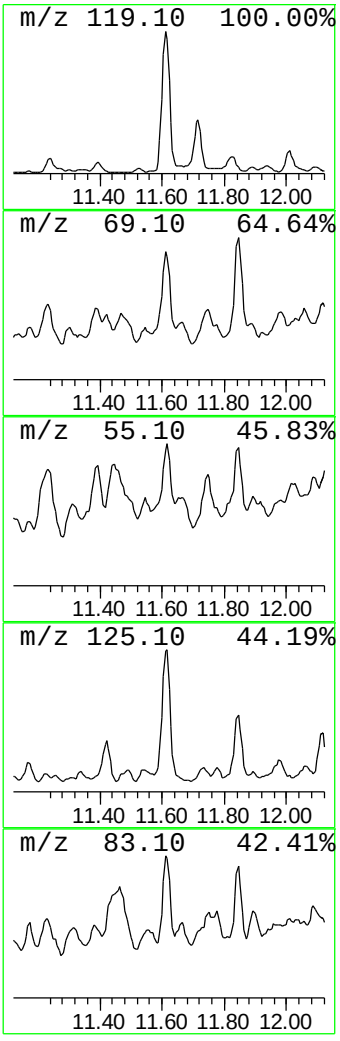
Peak Number 48 unknown-06 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	10.28 ng/ul	980545	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	38
2	Benzene, (1,1,2-trimethylpropyl)-	162	C12H18	026356-11-6	38
3	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	38
4	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	35
5	p-Cymene	134	C10H14	000099-87-6	35





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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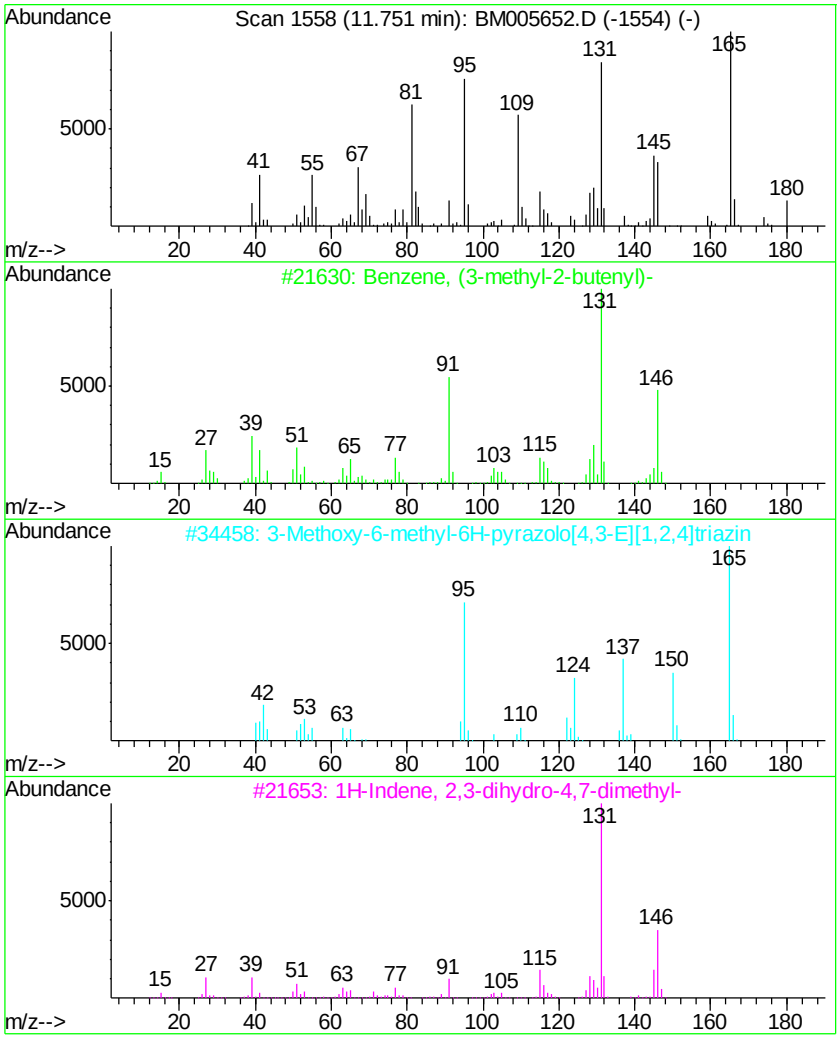
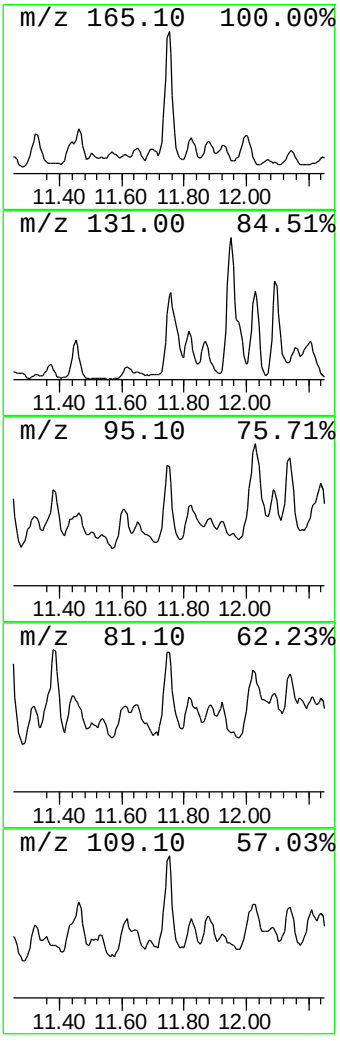
Peak Number 49 unknown-07 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.80 ng/ul	744483	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
2	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	38
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
4	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	35
5	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	30





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Operator : UM/SJ
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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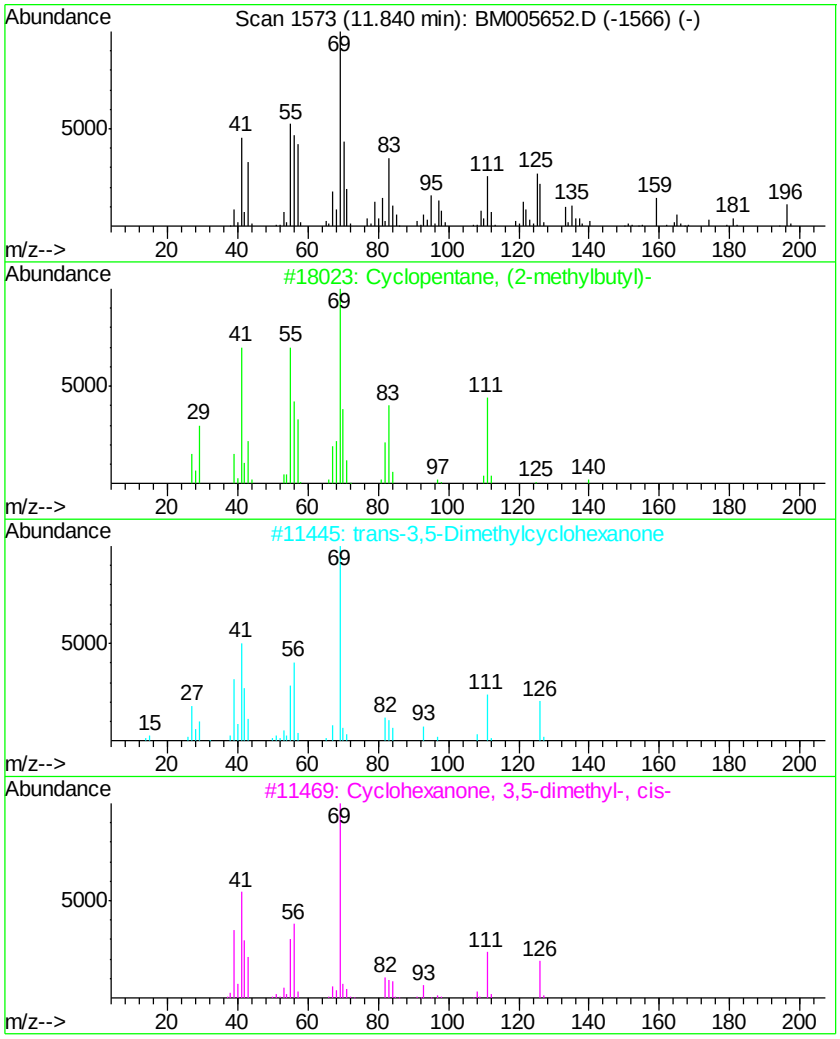
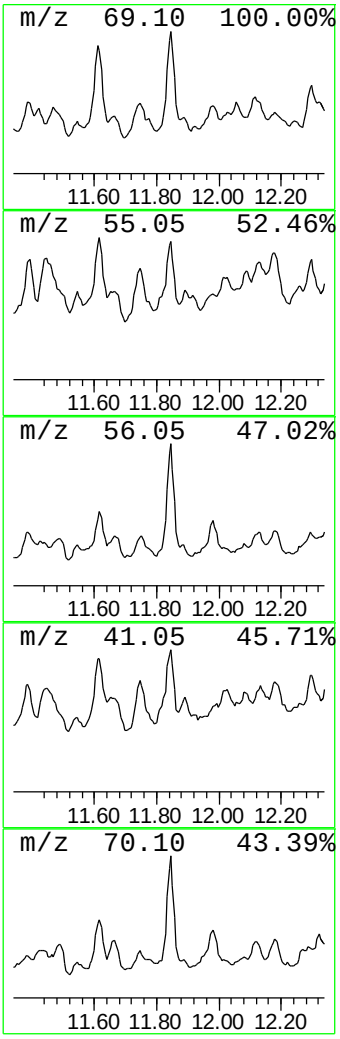
Peak Number 50 (DEL) Alkane: Cyclic11.84 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	12.27 ng/ul	1170450	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
2	trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	49
3	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	49
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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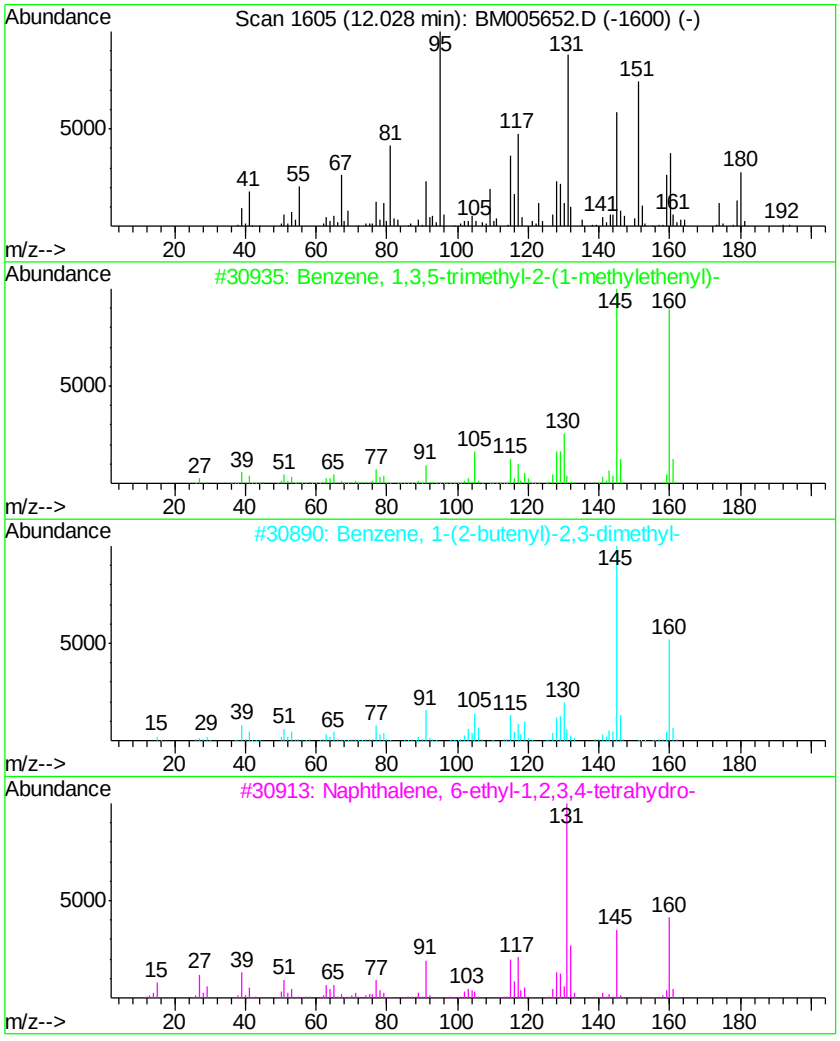
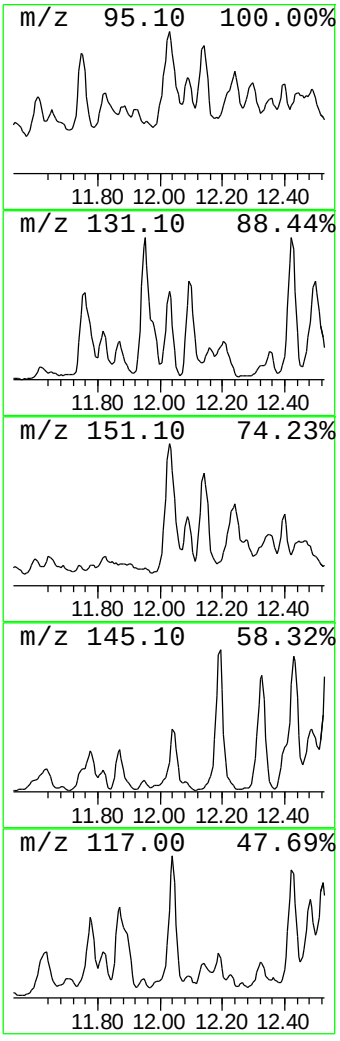
Peak Number 51 unknown-08 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	9.42 ng/ul	898996	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	35
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	35
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	25
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	25
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	20





Library Search Compound Report

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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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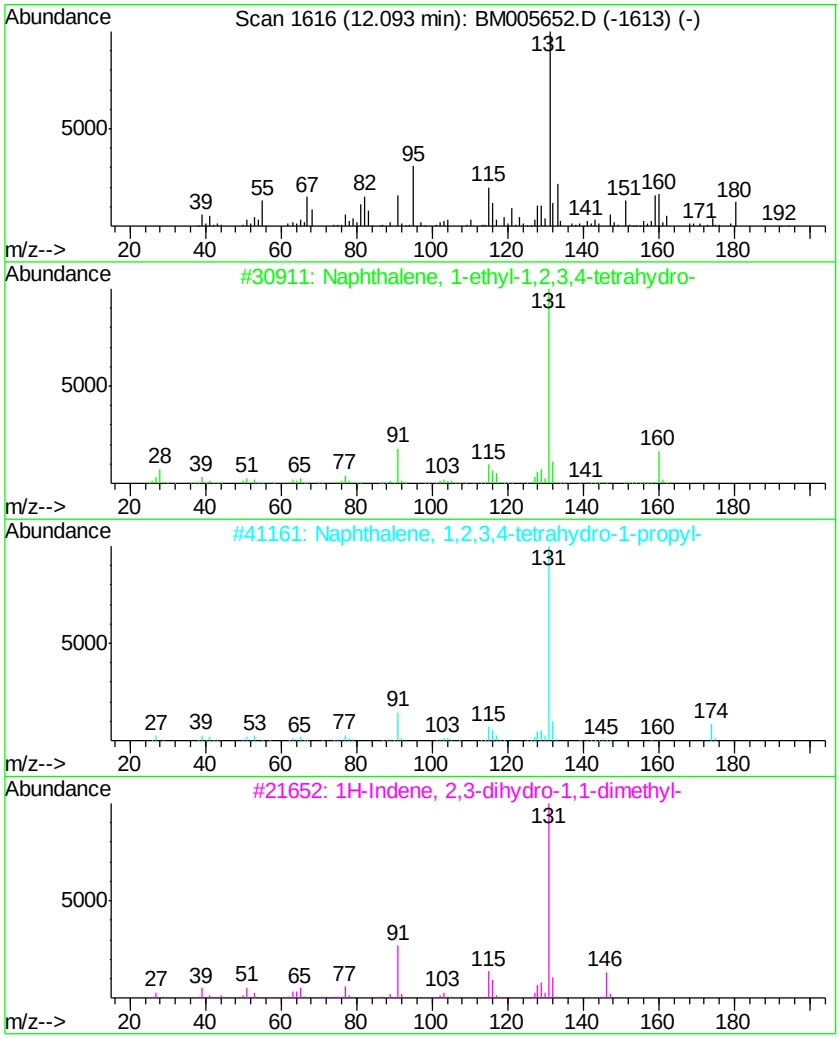
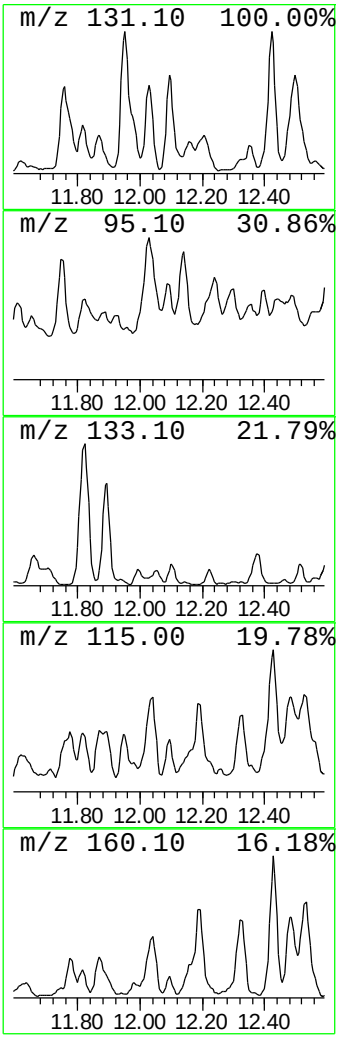
Peak Number 52 Naphthalene, 1-ethyl-1,2,3,... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.63 ng/ul	250978	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	53
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	066324-83-2	49
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	43
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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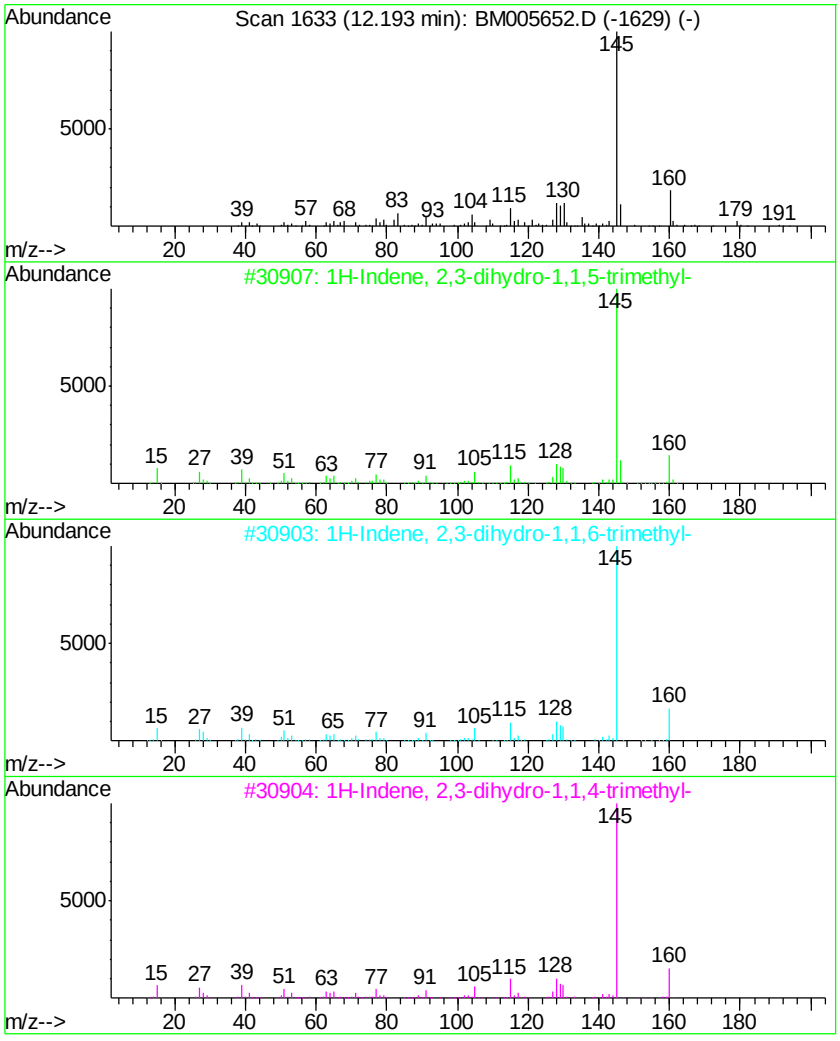
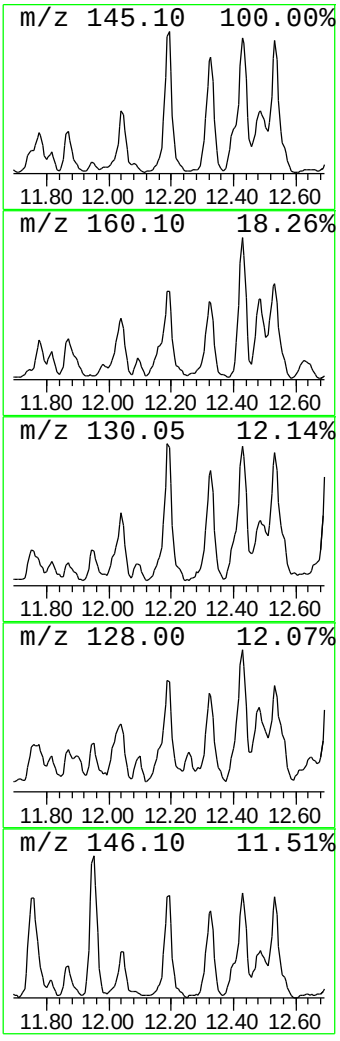
Peak Number 53 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	9.41 ng/ul	897243	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
2	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	90
3	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	90
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90





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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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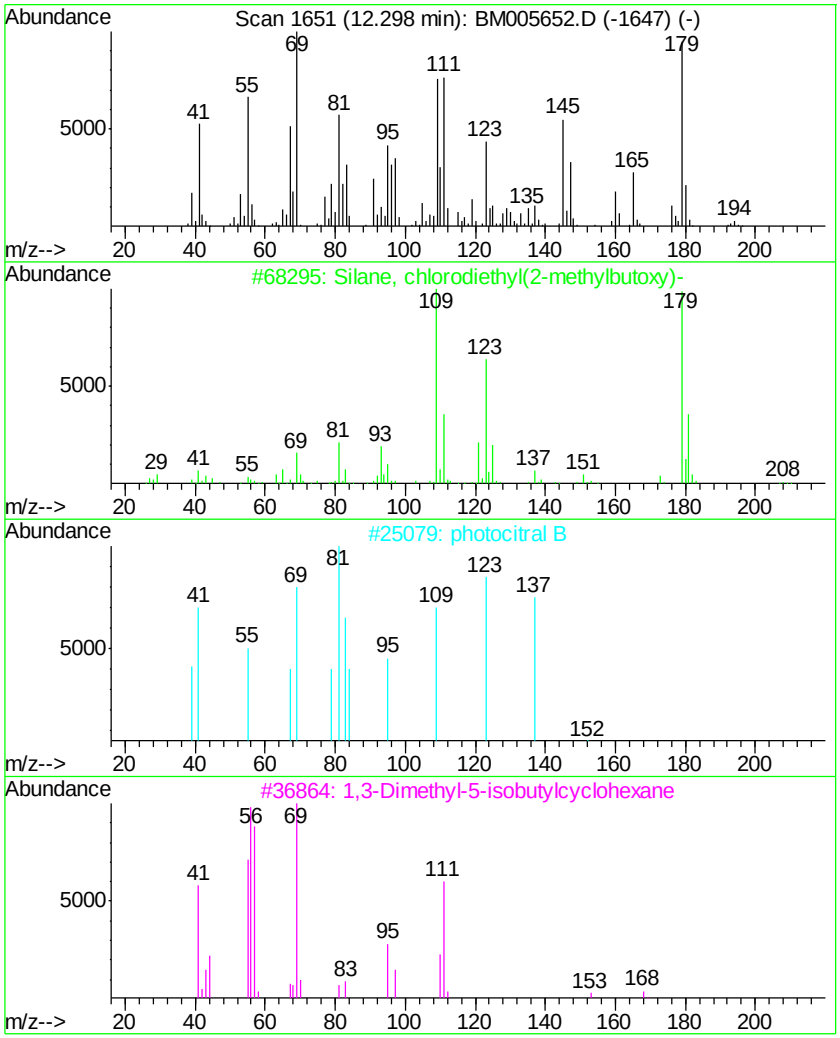
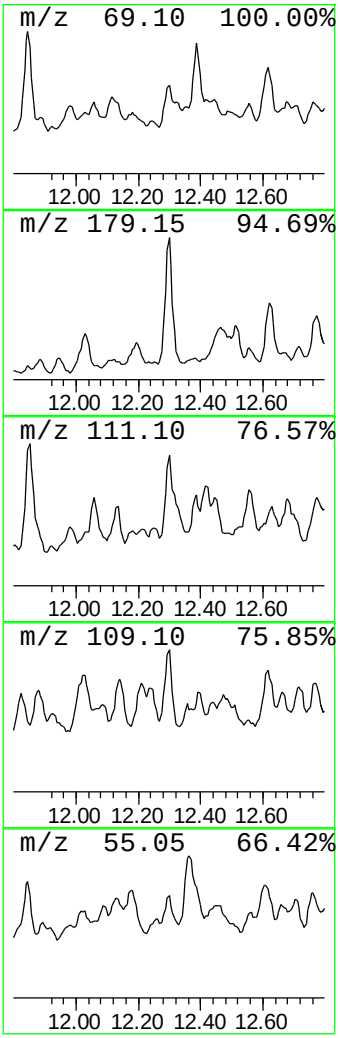
Peak Number 54 unknown-09 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.99 ng/ul	380340	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylbu...	208	C9H21ClOSi	1000363-11-1	35
2	photocitral B	152	C10H16O	006040-45-5	27
3	1,3-Dimethyl-5-isobutylcyclohexane	168	C12H24	013131-76-5	27
4	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	058461-27-1	16
5	(5a.alpha.,9a.beta.,9b.beta.)-5,...	234	C15H22O2	002326-89-8	14





Library Search Compound Report

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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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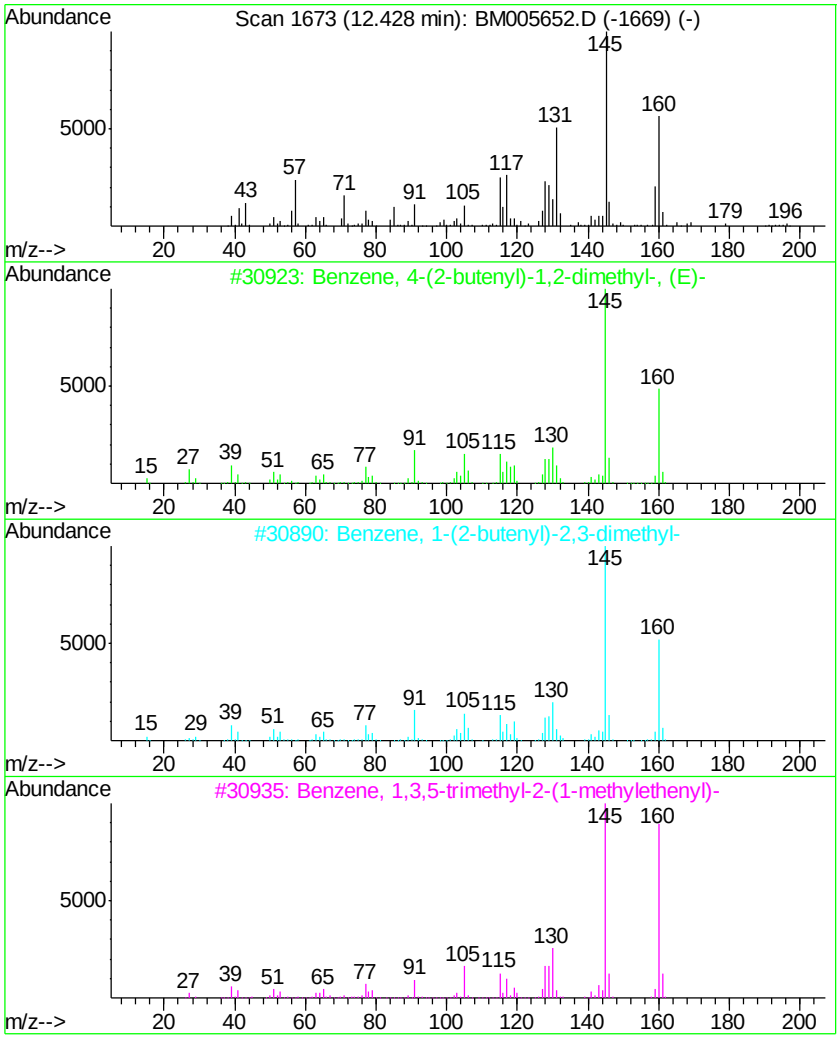
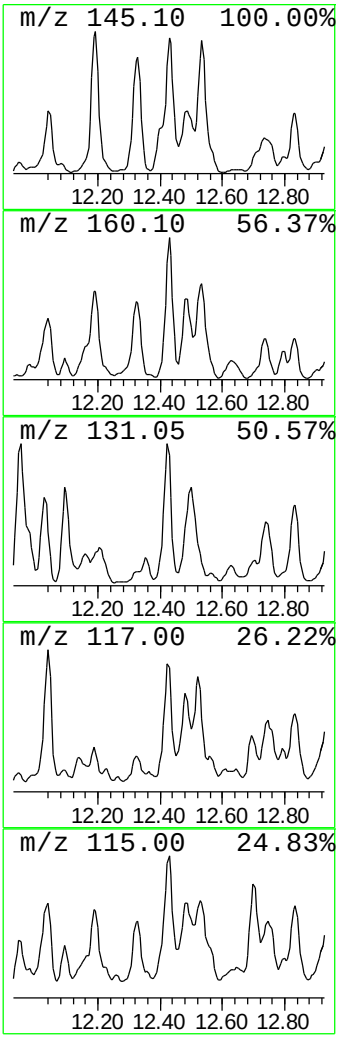
Peak Number 55 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	8.18 ng/ul	780363	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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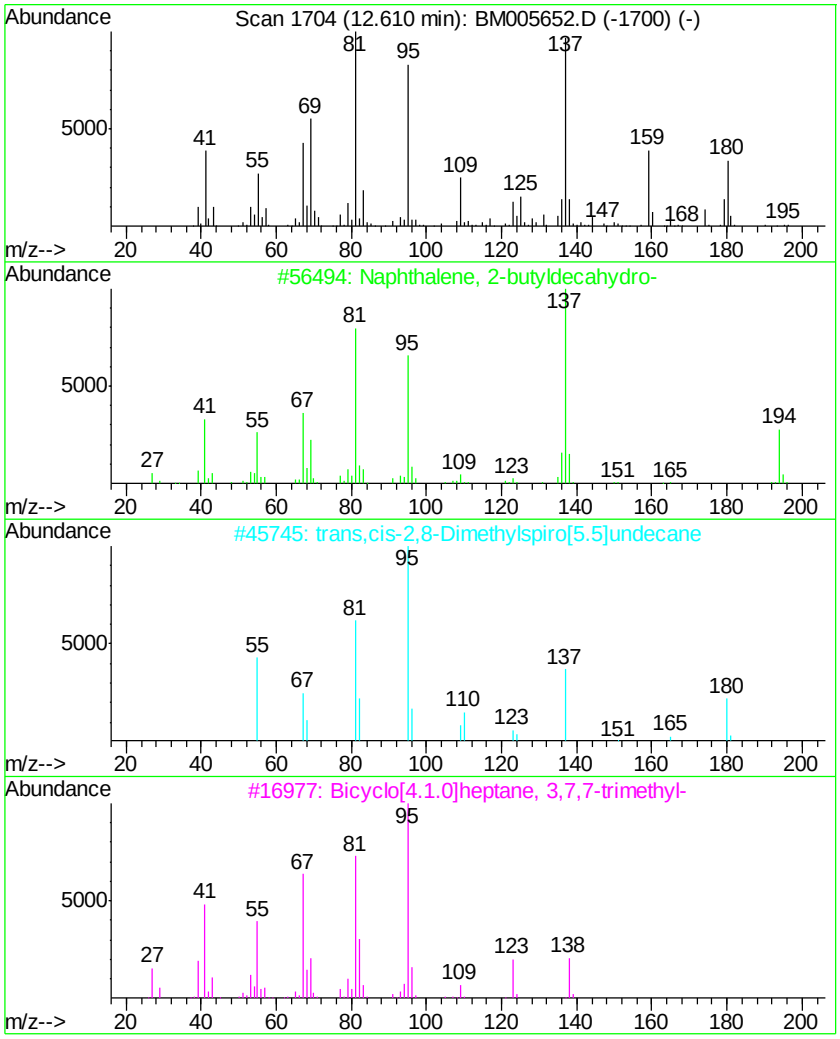
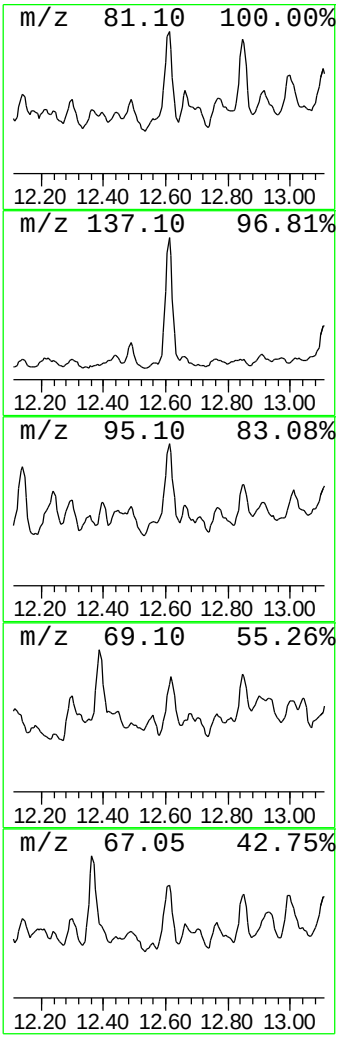
Peak Number 56 (DEL) Alkane: Branched12.61 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	10.44 ng/ul	705517	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	59
2	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	35
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	30
4	2-Dodecyne	166	C12H22	000629-49-2	25
5	2,5-Dihydroxy-4-isopropyl-2,4,6-...	180	C10H12O3	054755-56-5	25





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Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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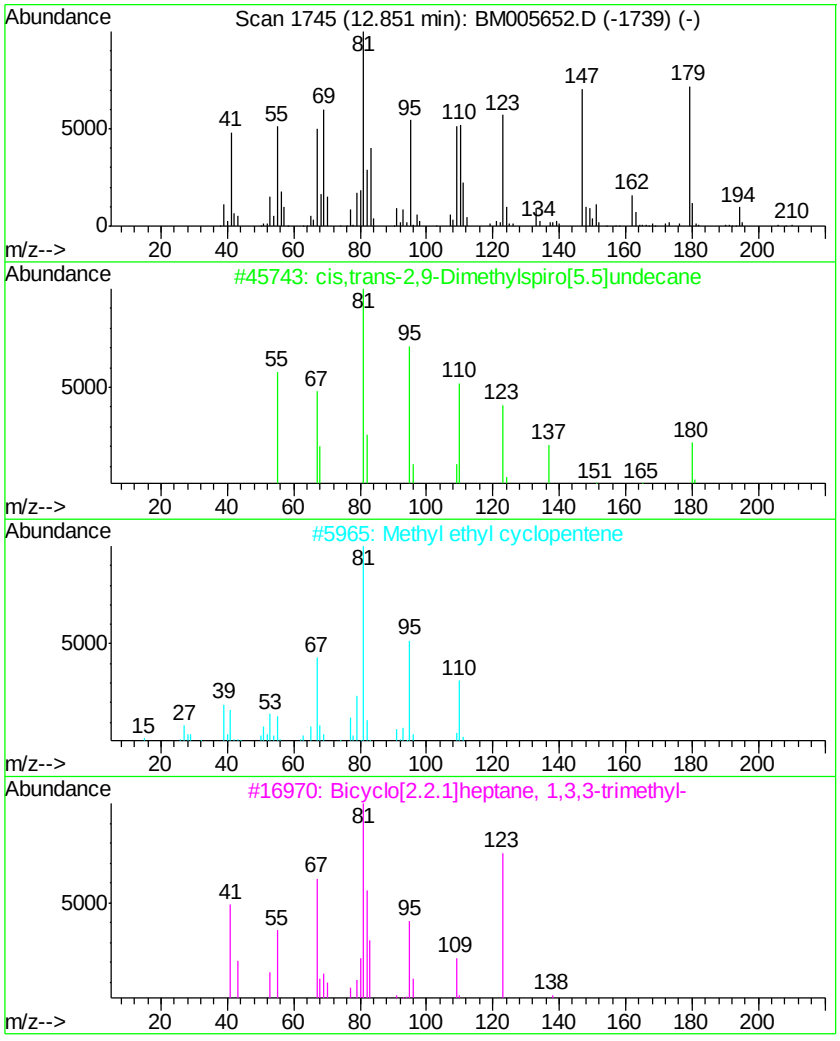
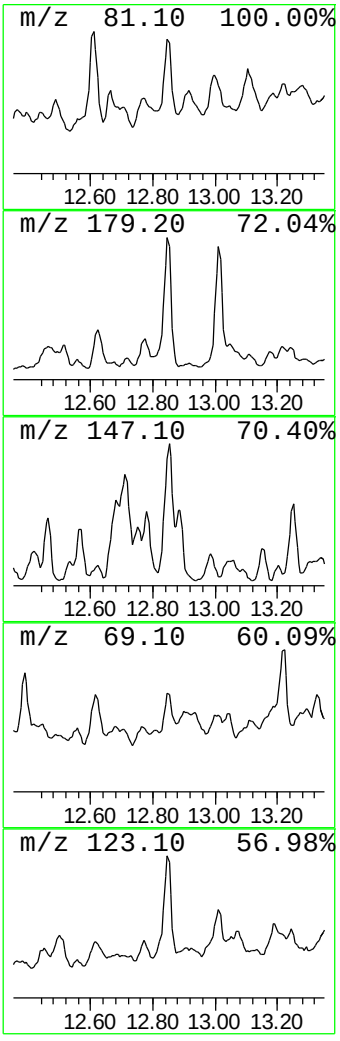
Peak Number 57 (DEL) Alkane: Branched12.85 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	19.74 ng/ul	1334110	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	38
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	38
3	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	35
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	25
5	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	22





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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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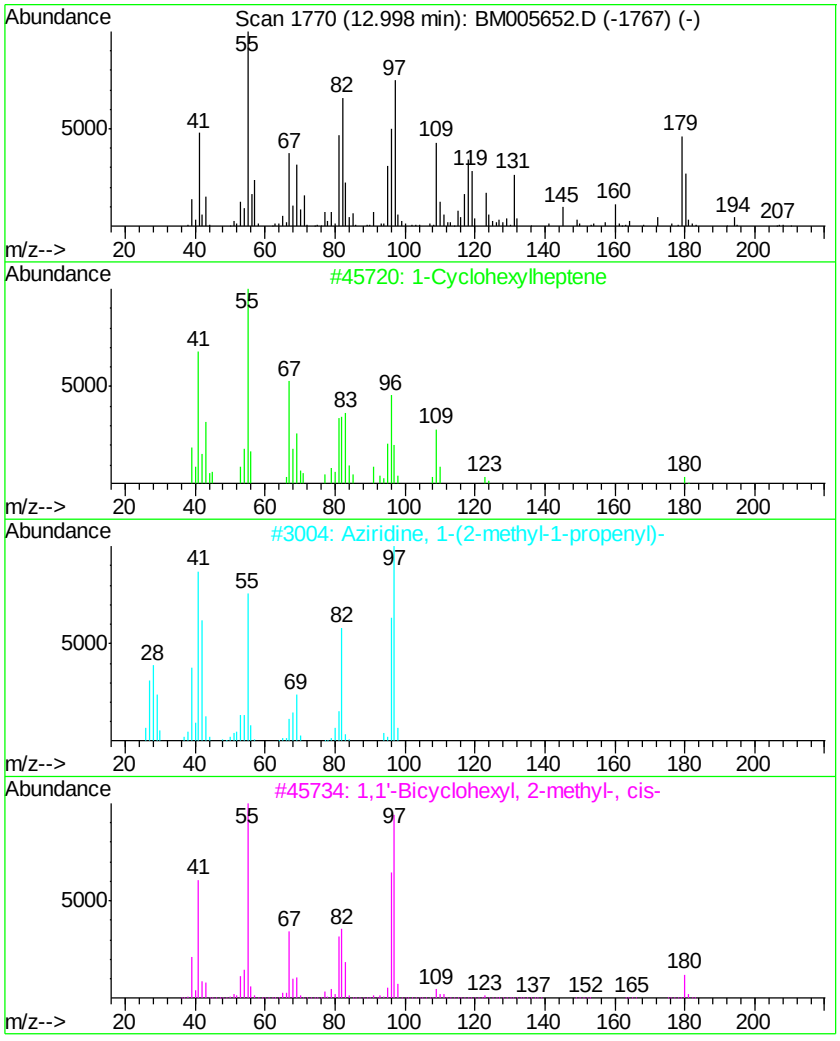
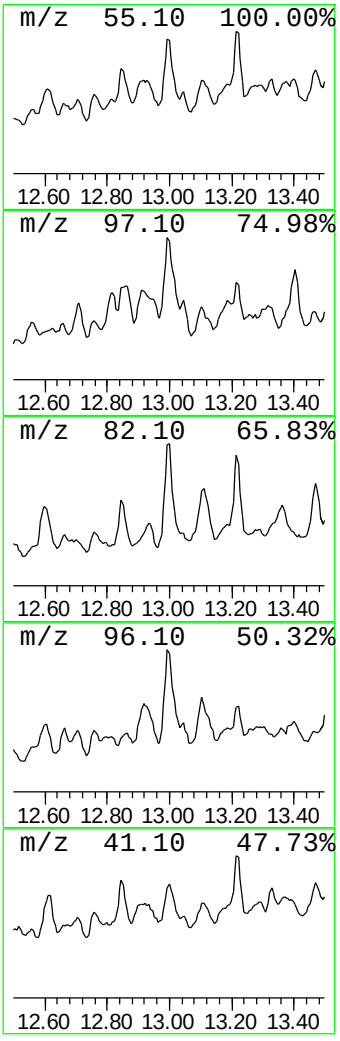
Peak Number 58 (DEL) Alkane: Branched13.00 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	10.98 ng/ul	742203	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylheptene	180	C13H24	114614-83-4	41
2	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	35
3	1,1'-Bicyclohexyl, 2-methyl-, cis-	180	C13H24	050991-08-7	35
4	1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	27
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	27





Library Search Compound Report

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Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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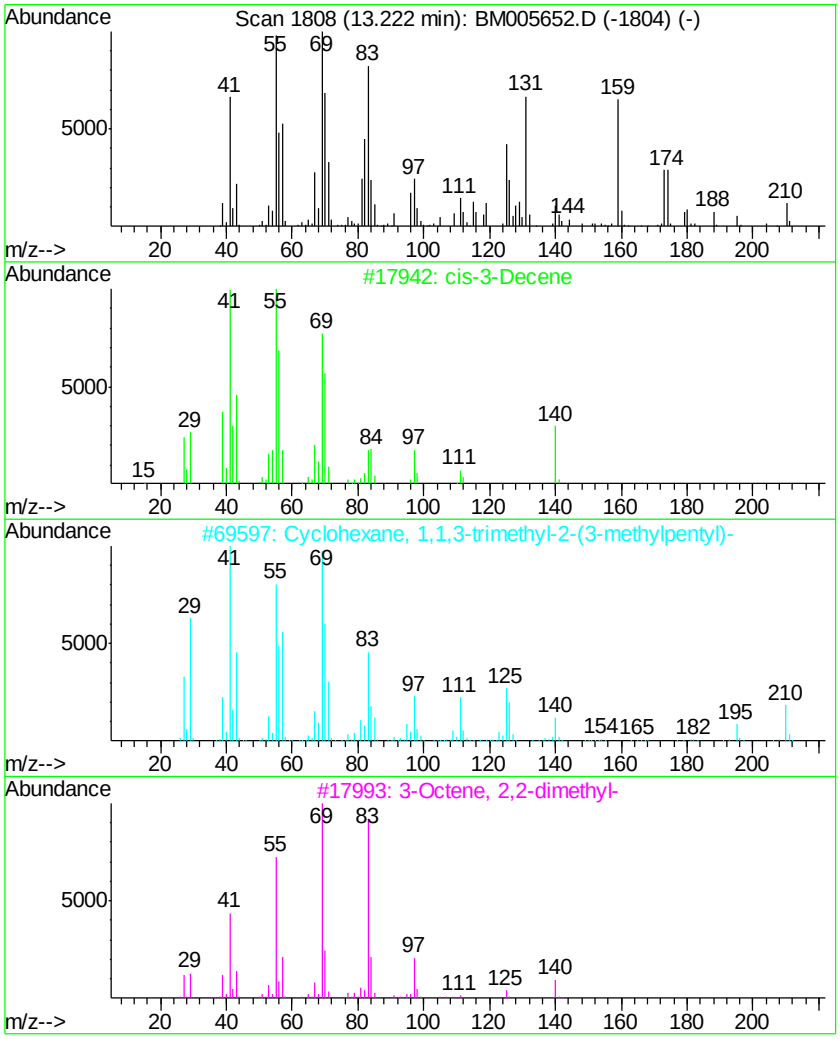
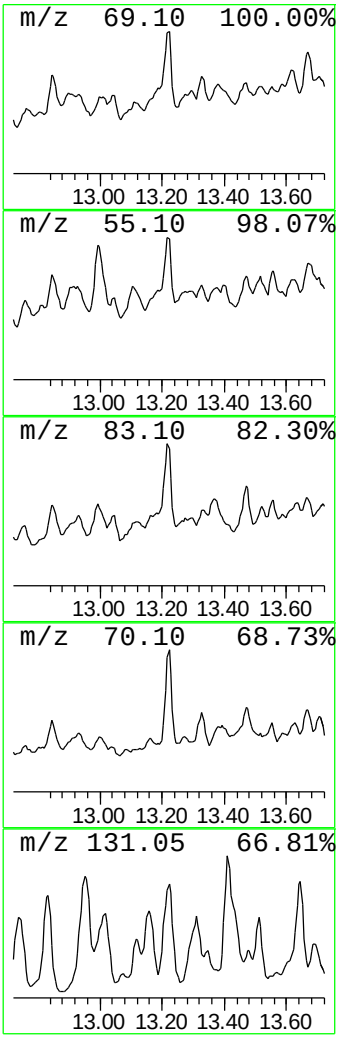
Peak Number 59 (DEL) Alkane: Cyclic13.22 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	15.37 ng/ul	1038580	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Decene	140	C10H20	019398-86-8	62
2	Cyclohexane, 1,1,3-trimethyl-2-(...	210	C15H30	054965-05-8	45
3	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	43
4	9-Undecenal, 2,6,10-trimethyl-	210	C14H26O	000141-13-9	42
5	Cyclopentadecane	210	C15H30	000295-48-7	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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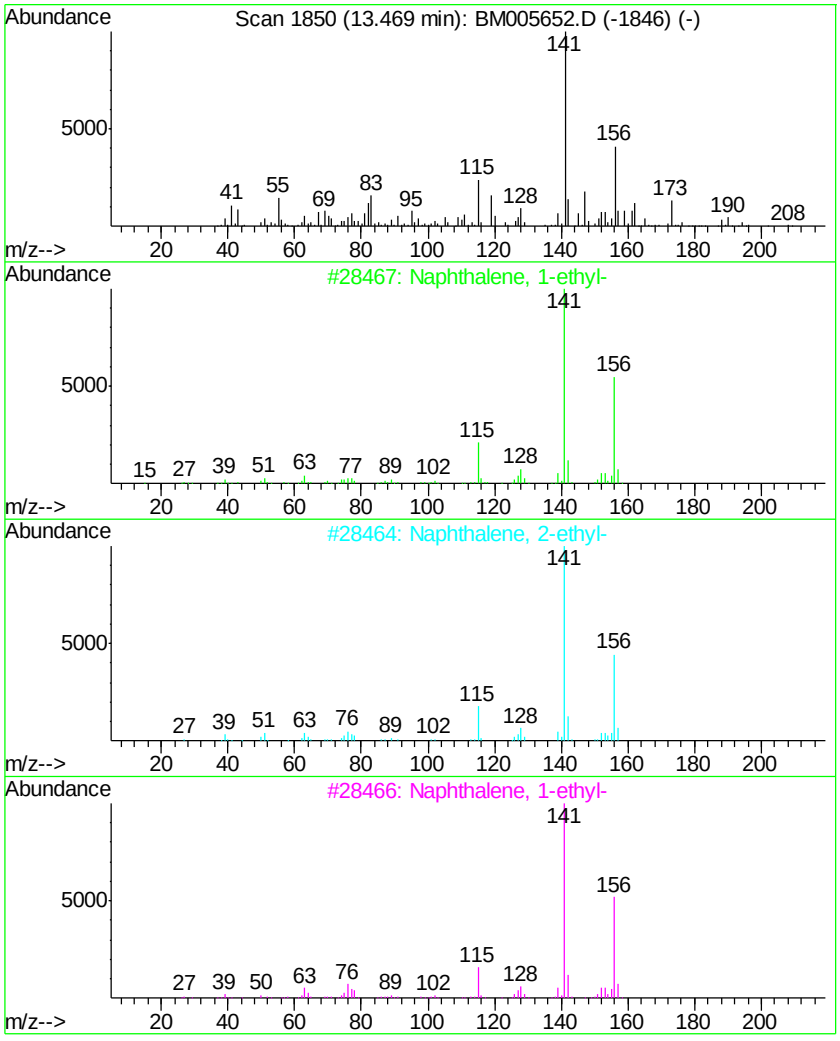
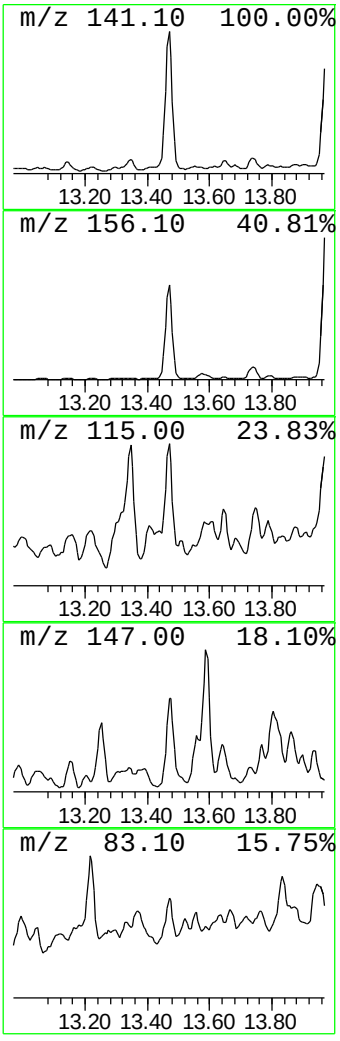
Peak Number 60 Naphthalene, 1-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	16.14 ng/ul	1090400	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	87
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

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Quant Title : SVOA CALIBRATION

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

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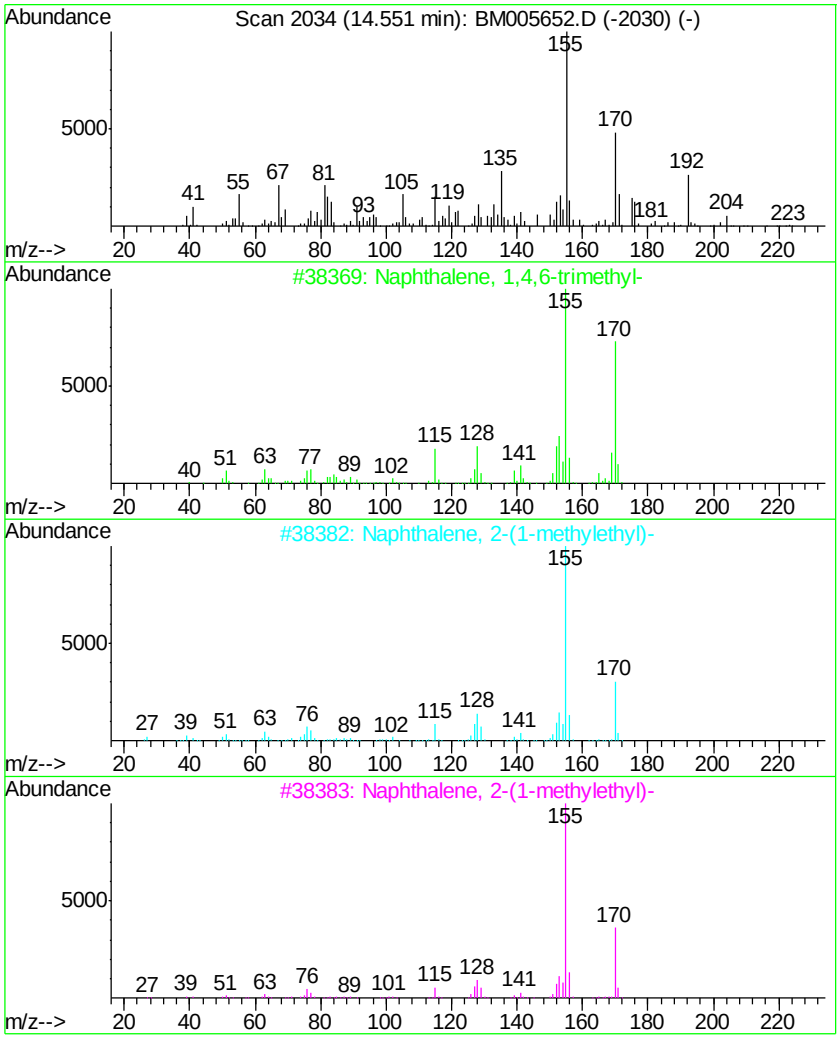
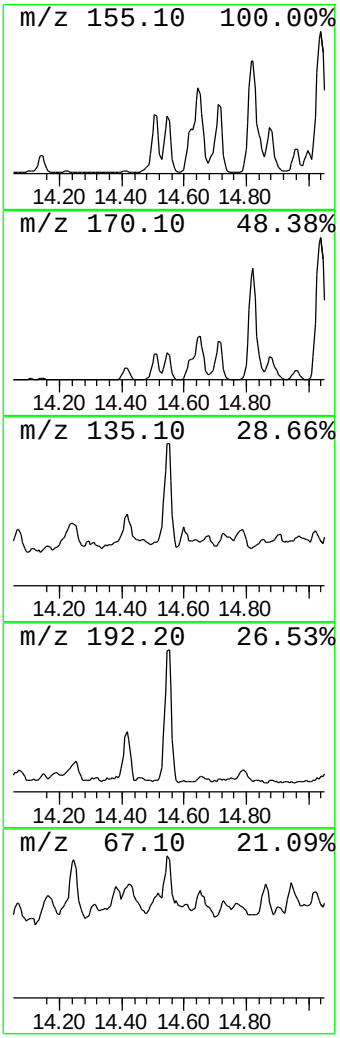
Peak Number 61 Naphthalene, 1,4,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	14.74 ng/ul	995882	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	68
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	68
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	58
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

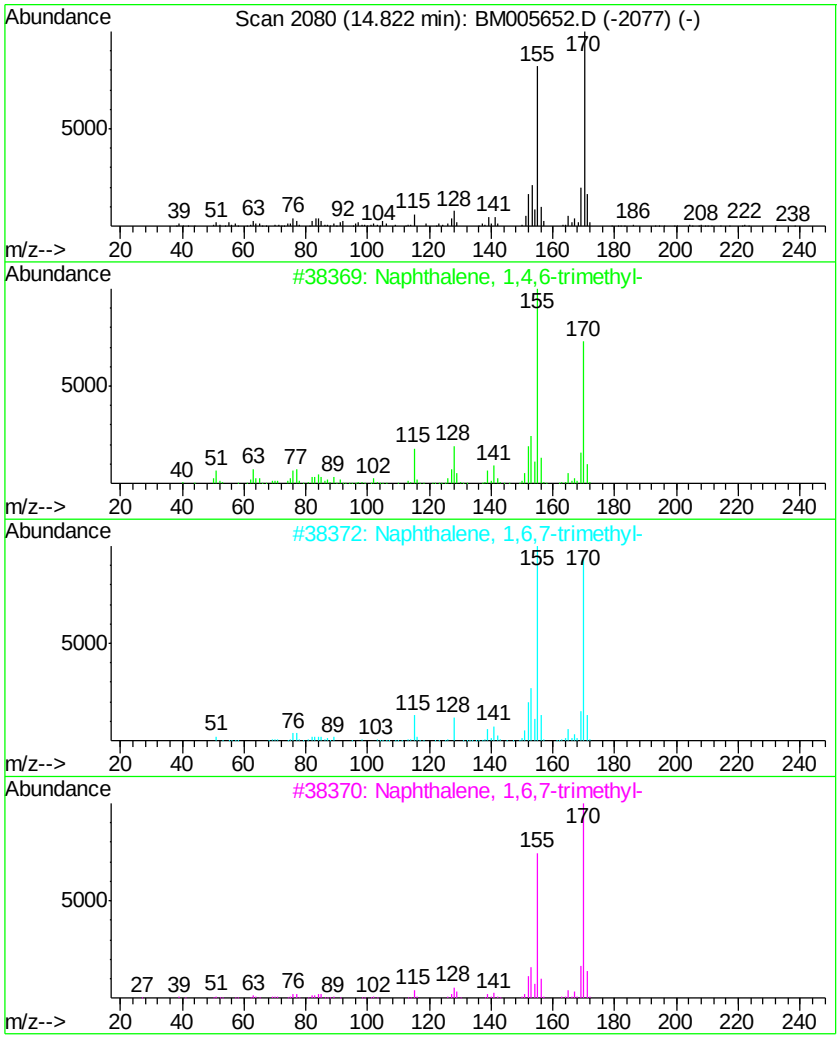
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

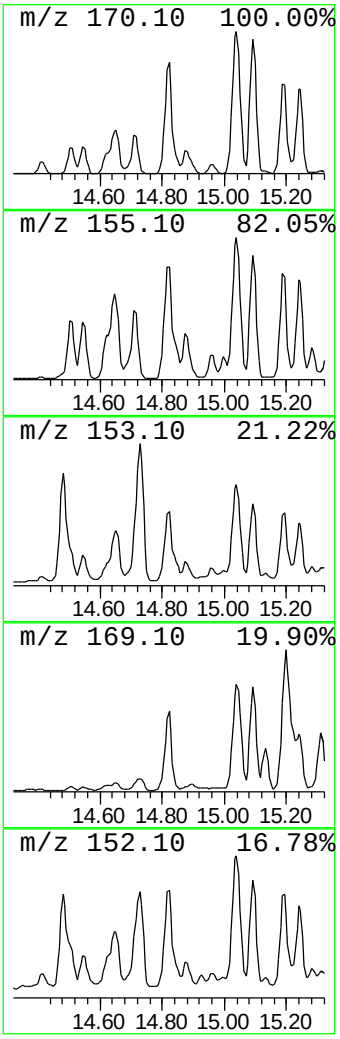
****

Peak Number 62 Naphthalene, 1,6,7-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	12.93 ng/ul	873973	Acenaphthene-d10	14.42

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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

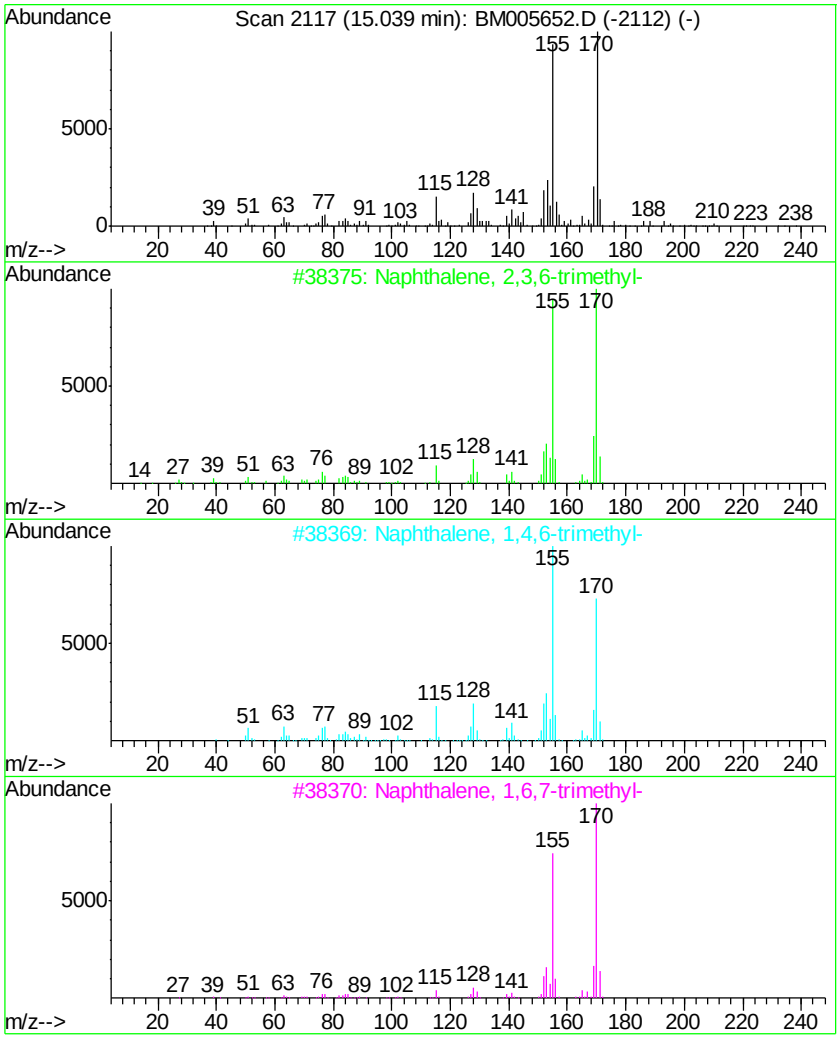
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

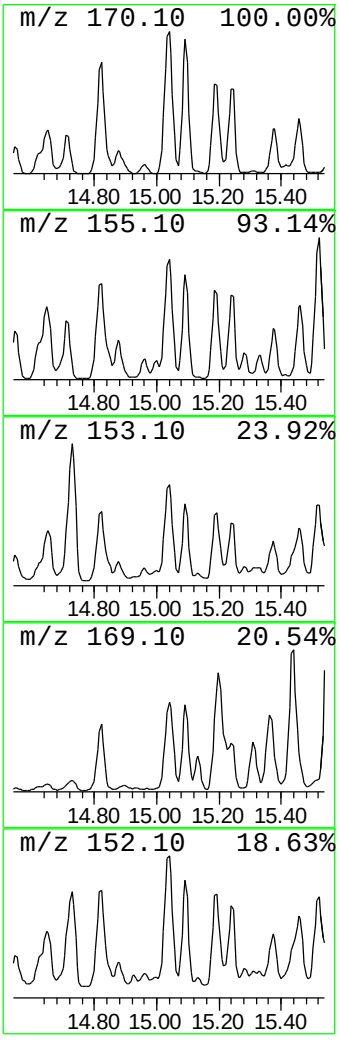
****

Peak Number 63 Naphthalene, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	45.54 ng/ul	3077620	Acenaphthene-d10	14.42

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





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Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

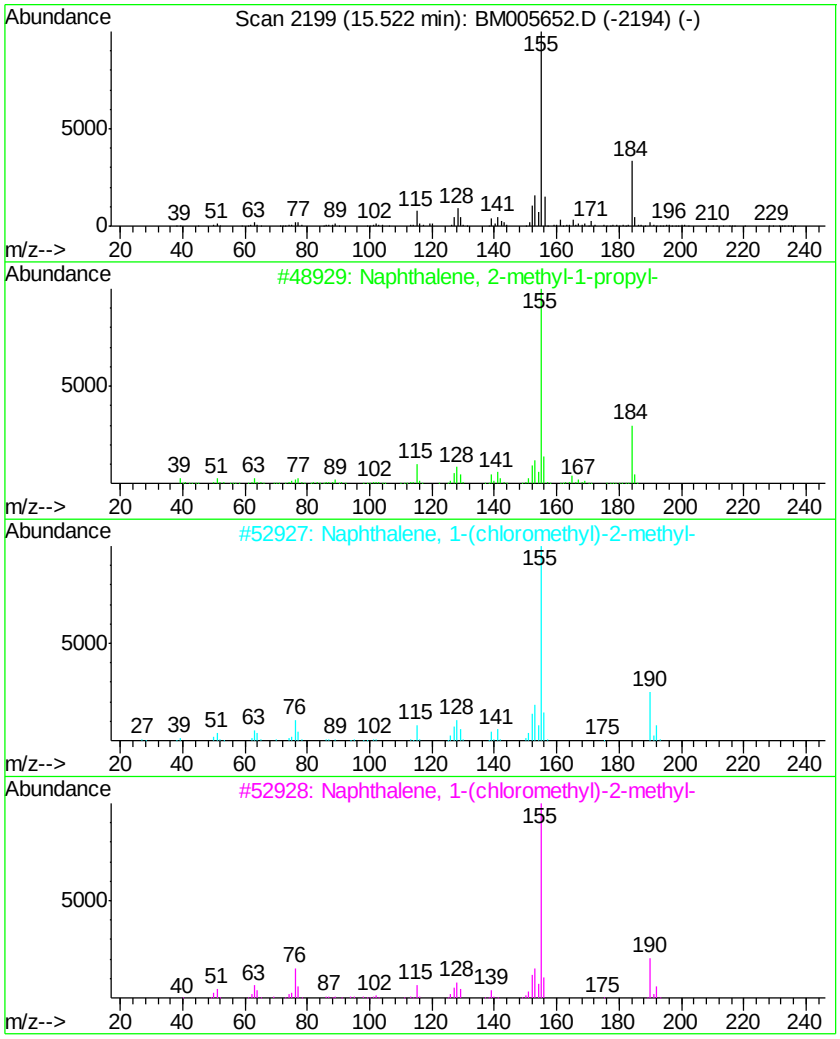
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

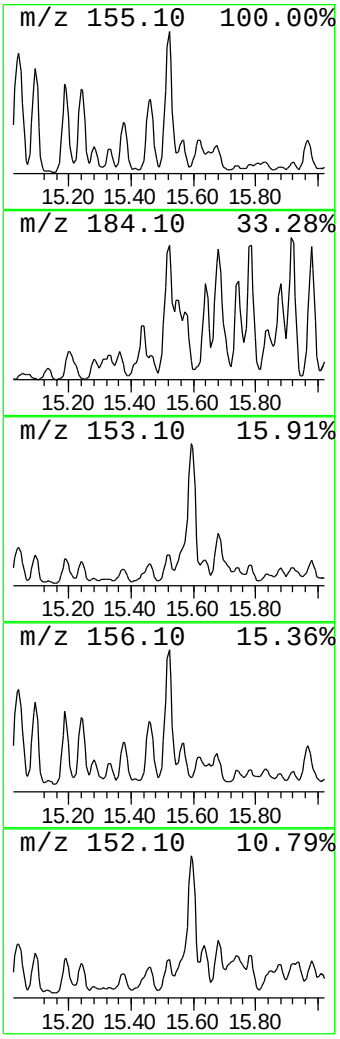
****

Peak Number 67 Naphthalene, 2-methyl-1-pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	22.55 ng/ul	1523940	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	93
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	68
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	58
4	1-Naphthalen-1-yl-2-(1-phenyl-1H...	346	C19H14N4OS	1000295-34-4	50
5	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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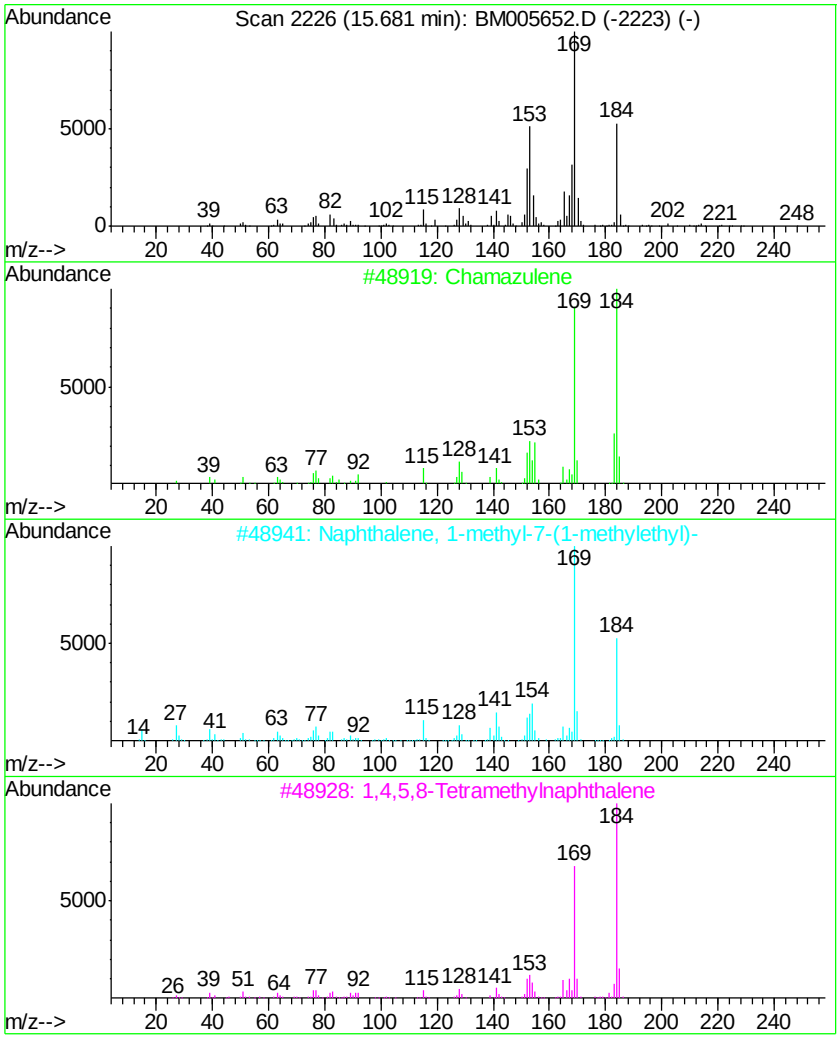
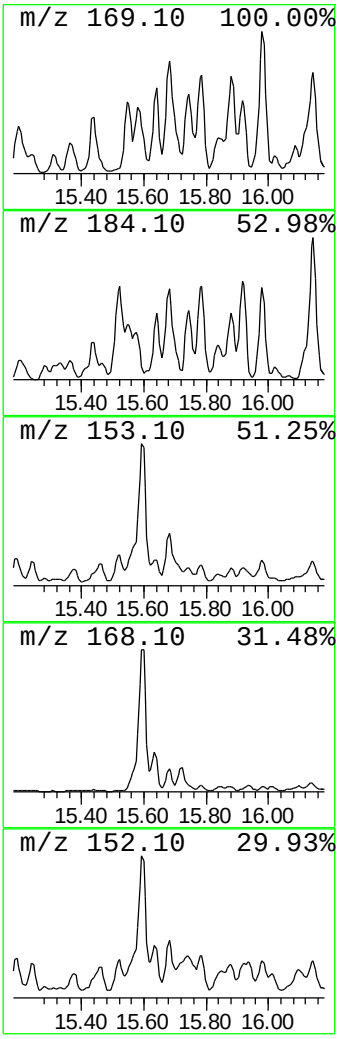
Peak Number 68 Chamazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	17.60 ng/ul	1189180	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	81
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	70
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
4	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	46
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	45





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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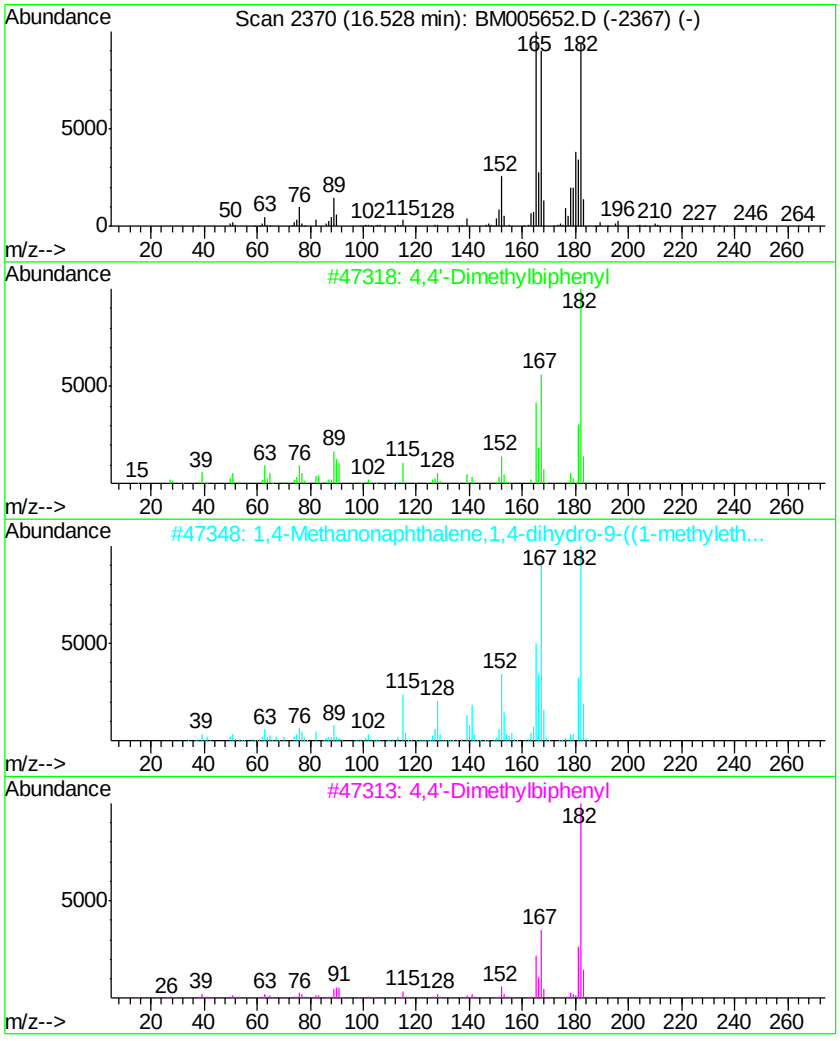
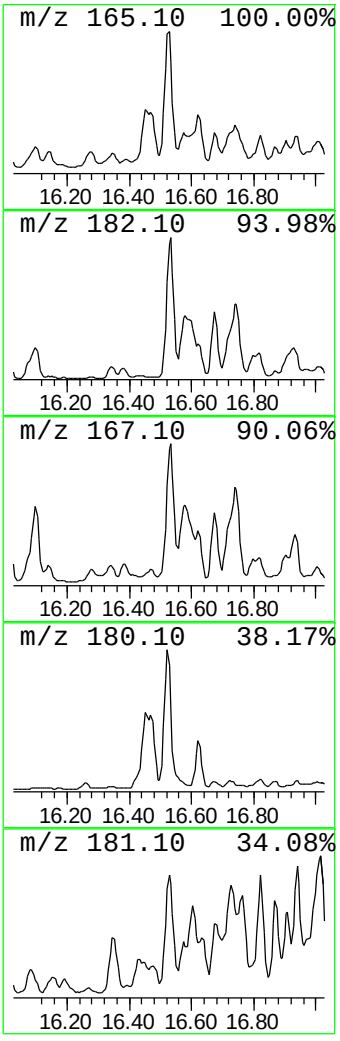
Peak Number 69 4,4'-Dimethylbiphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	23.68 ng/ul	1080130	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	70
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	64
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	60
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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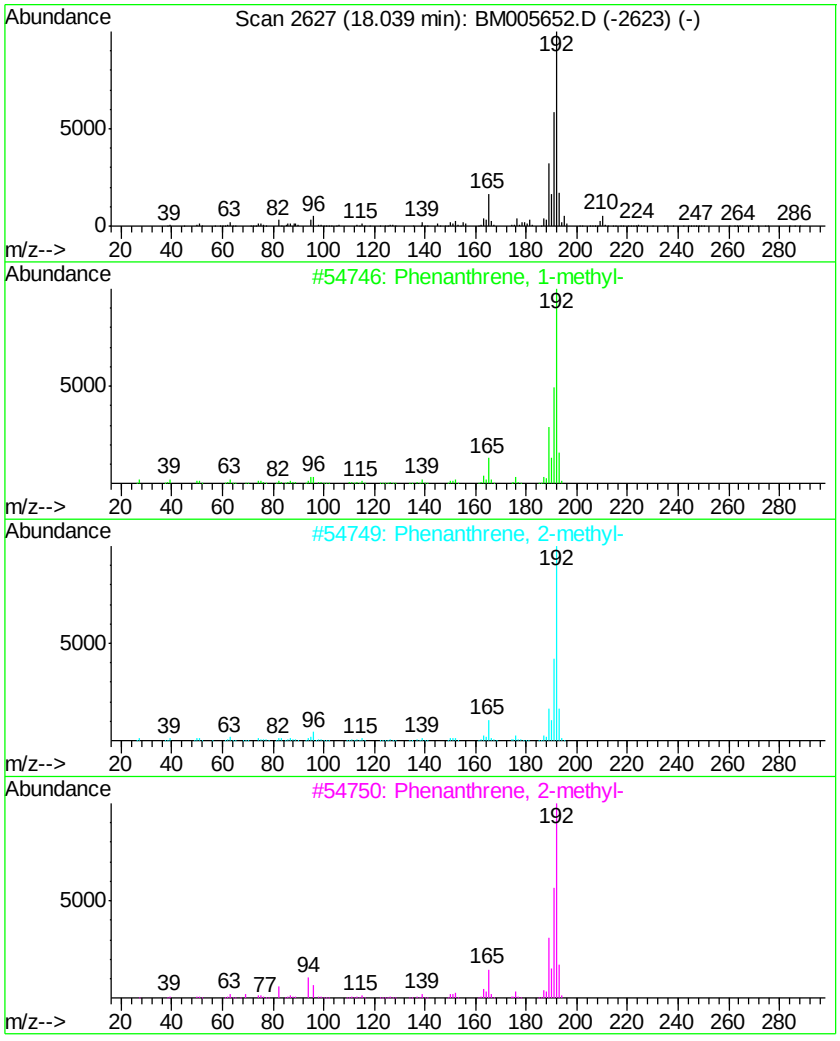
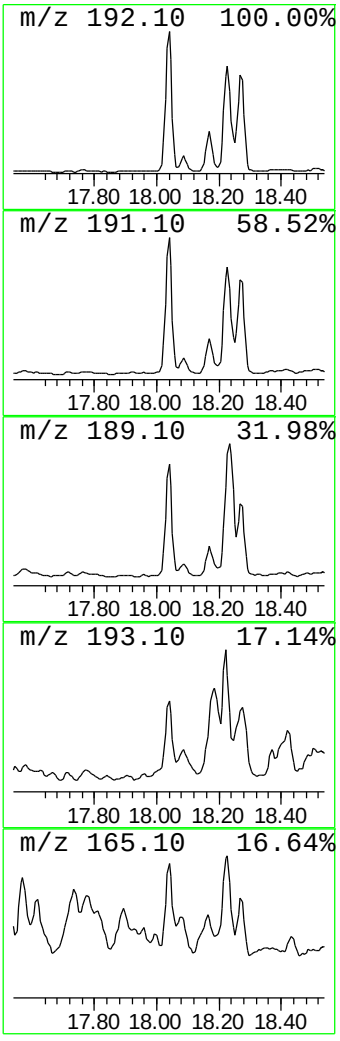
Peak Number 70 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	31.45 ng/ul	1434350	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

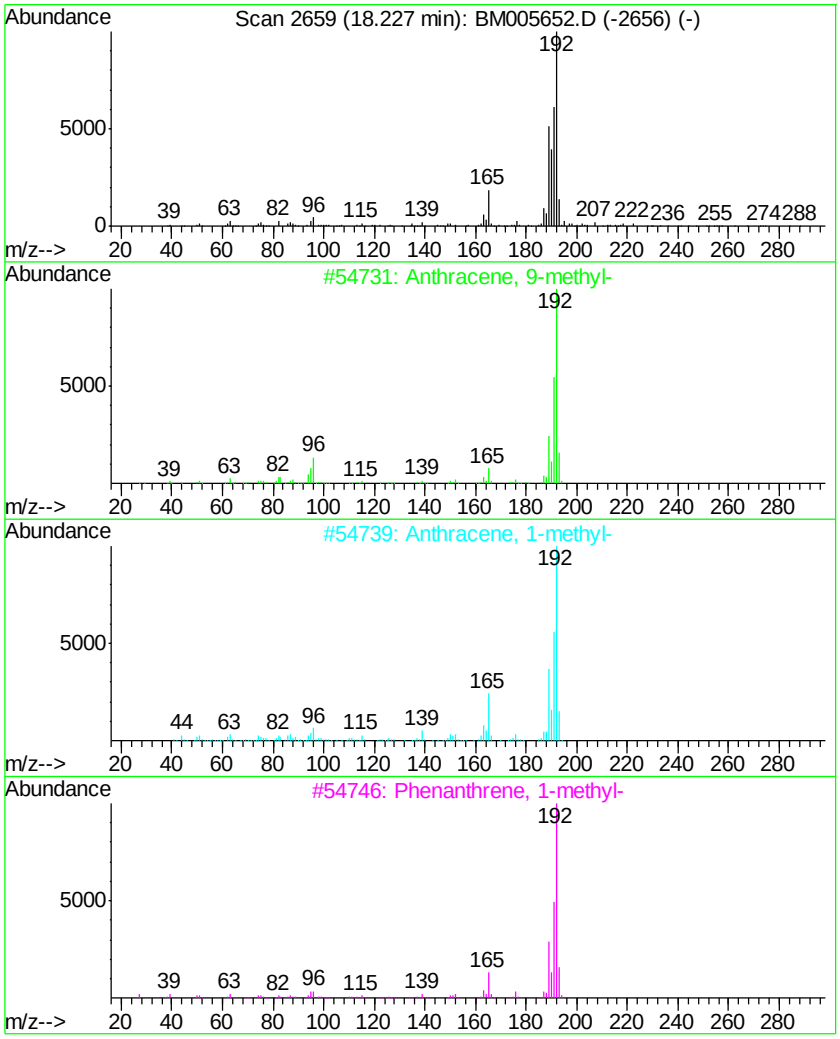
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

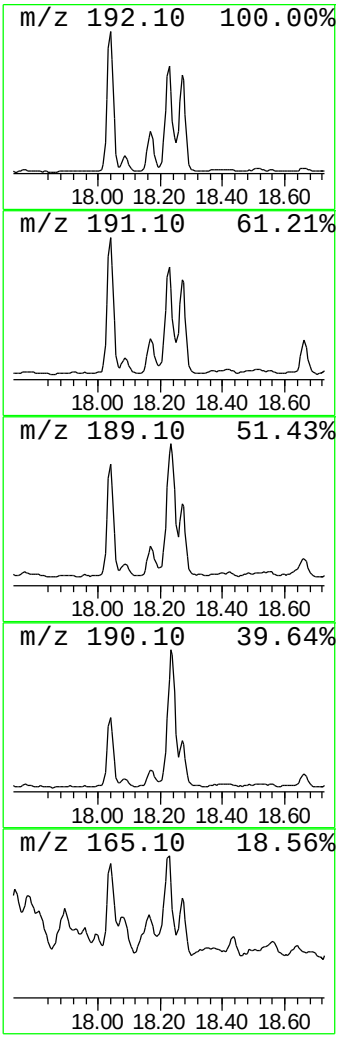
****

Peak Number 71 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	21.09 ng/ul	961804	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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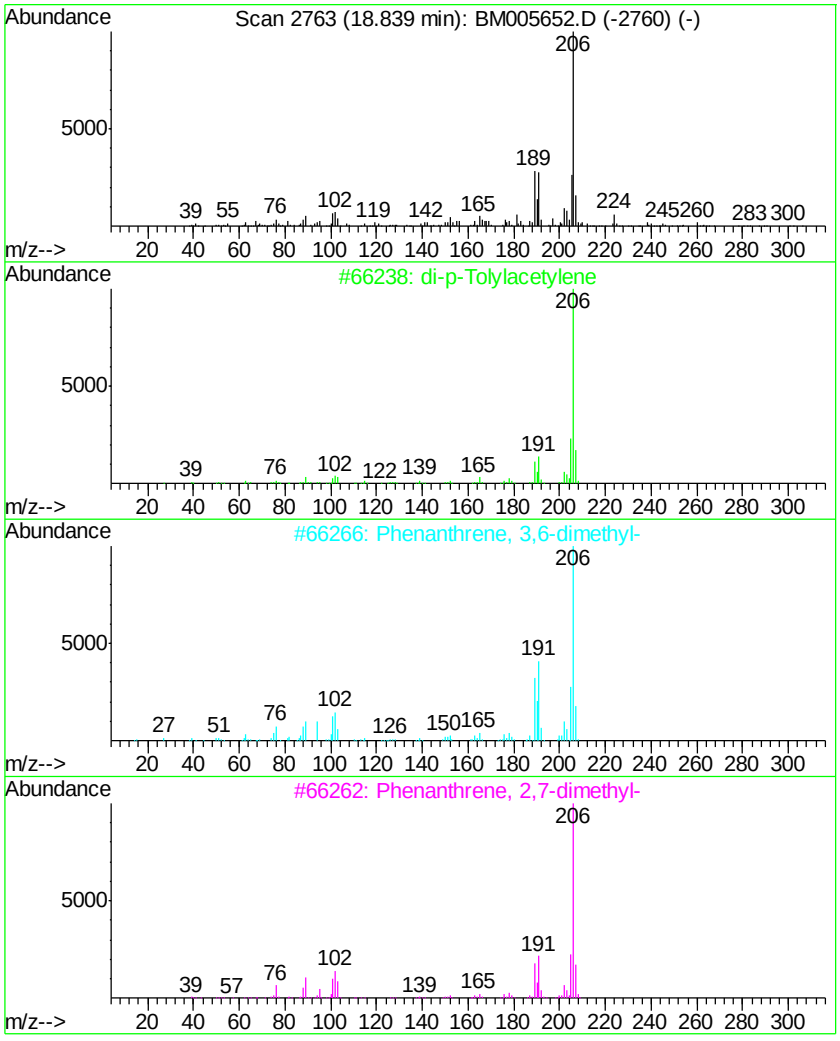
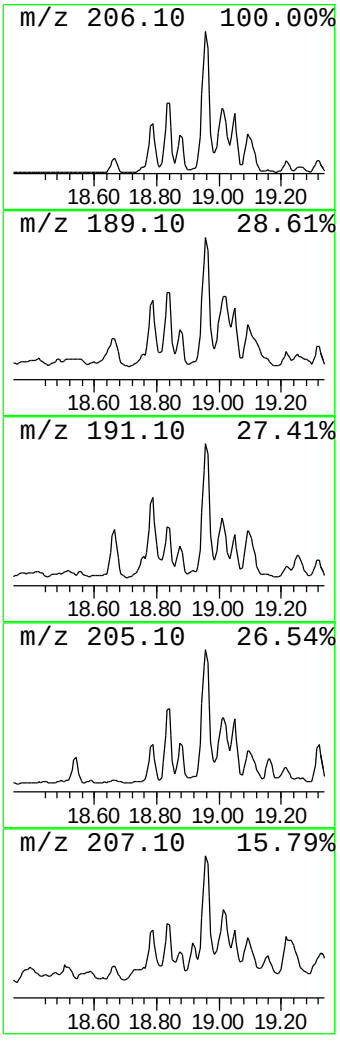
Peak Number 72 di-p-Tolylacetylene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	10.09 ng/ul	460374	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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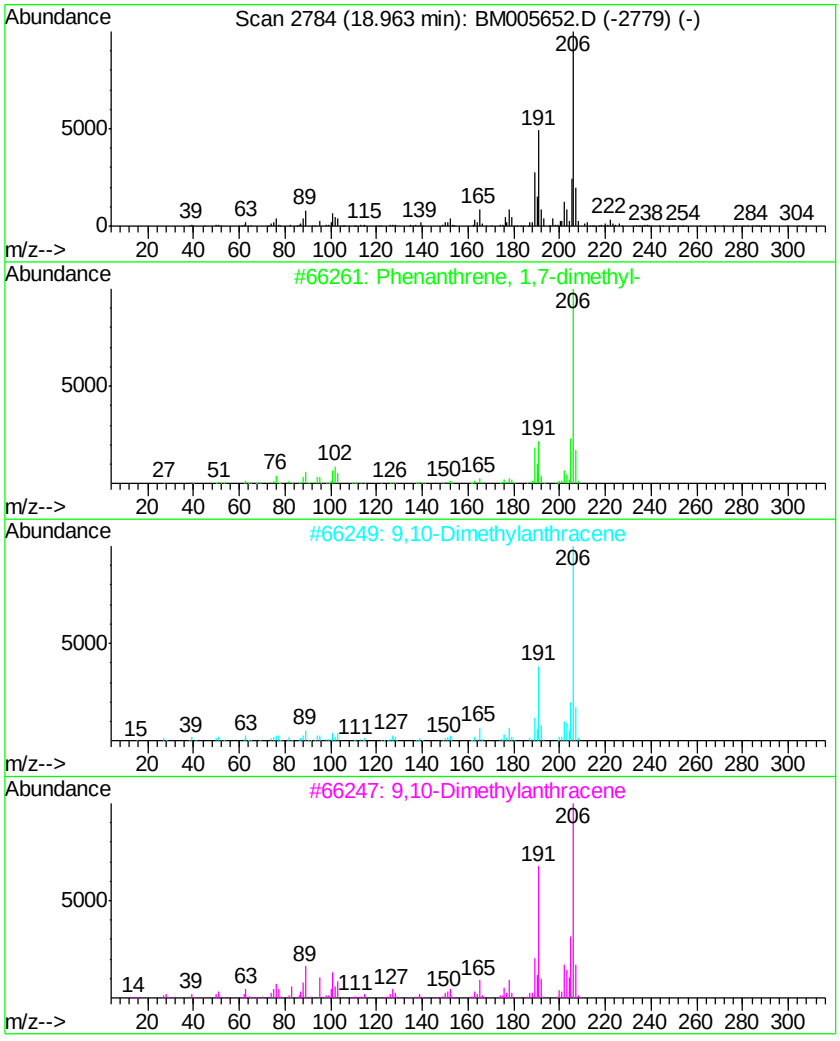
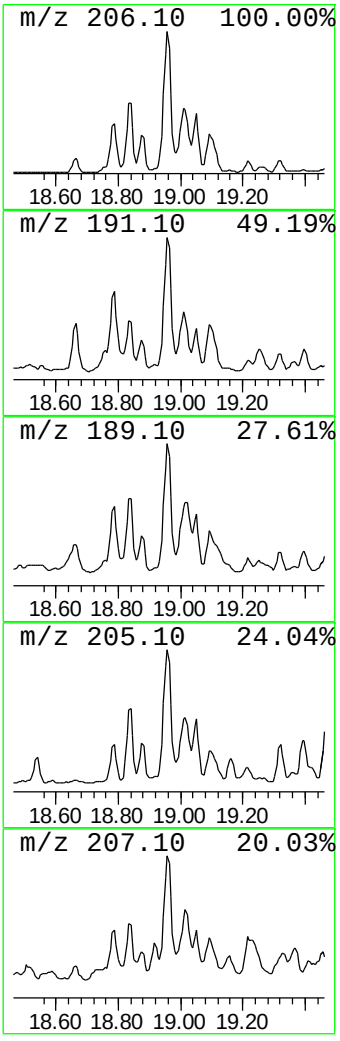
Peak Number 73 Phenanthrene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	31.65 ng/ul	1443490	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052716\
Data File : BM005652.D
Acq On : 27 May 2016 17:25
Operator : UM/SJ
Sample : H3086-17DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGL1DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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...	5.65	7.3	ng/ul	240228	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	5.86	13.3	ng/ul	437886	1	7.77	658112	20.0
Zinc, bis[2-(1,1-...	6.02	17.0	ng/ul	558581	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	6.16	7.7	ng/ul	251999	1	7.77	658112	20.0
(DEL) Alkane: Str...	6.25	12.9	ng/ul	426010	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	6.32	9.4	ng/ul	308233	1	7.77	658112	20.0
(DEL) Alkane: Str...	6.36	16.9	ng/ul	554860	1	7.77	658112	20.0
(DEL) Alkane: Str...	6.43	24.6	ng/ul	809494	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	6.52	16.1	ng/ul	530696	1	7.77	658112	20.0
(DEL) Alkane: Bra...	6.58	20.4	ng/ul	673071	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	6.72	5.8	ng/ul	192284	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	6.86	7.2	ng/ul	236610	1	7.77	658112	20.0
2,4-Nonadienal, (...	7.05	18.0	ng/ul	593497	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	7.19	7.7	ng/ul	253713	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	7.42	7.9	ng/ul	260810	1	7.77	658112	20.0
(DEL) Alkane: Bra...	7.49	16.0	ng/ul	525825	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	7.57	12.3	ng/ul	404637	1	7.77	658112	20.0
Bicyclo[3.1.1]hep...	7.69	32.6	ng/ul	1071820	1	7.77	658112	20.0
(DEL) Alkane: Bra...	7.83	11.3	ng/ul	373080	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	7.90	10.5	ng/ul	344967	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	7.95	23.6	ng/ul	777715	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	8.03	6.2	ng/ul	202478	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	8.11	8.4	ng/ul	275523	1	7.77	658112	20.0
(DEL) Alkane: Bra...	8.17	6.7	ng/ul	221561	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	8.21	6.5	ng/ul	212855	1	7.77	658112	20.0
(DEL) Alkane: Bra...	8.29	12.3	ng/ul	403575	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	8.32	13.2	ng/ul	435011	1	7.77	658112	20.0
unknown-01	8.63	28.5	ng/ul	936547	1	7.77	658112	20.0
Glycine, furan-2-...	8.75	17.0	ng/ul	559483	1	7.77	658112	20.0
unknown-02	8.86	29.2	ng/ul	960865	1	7.77	658112	20.0
unknown-03	9.02	7.1	ng/ul	234521	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	9.08	10.5	ng/ul	345265	1	7.77	658112	20.0
(DEL) Alkane: Cyc...	9.10	19.0	ng/ul	625437	1	7.77	658112	20.0
(DEL) Alkane: Bra...	9.19	2.2	ng/ul	205662	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	9.29	3.1	ng/ul	298647	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	9.48	11.2	ng/ul	1071410	2	10.56	1907980	20.0
Benzene, (3-methy...	9.84	2.5	ng/ul	238949	2	10.56	1907980	20.0
unknown-04	10.14	4.0	ng/ul	380152	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	10.26	3.5	ng/ul	330845	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	10.34	8.1	ng/ul	773903	2	10.56	1907980	20.0
Benzene, 1-(1-met...	10.63	6.8	ng/ul	647184	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	10.85	2.5	ng/ul	242808	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	10.97	3.9	ng/ul	374008	2	10.56	1907980	20.0
(DEL) Alkane: Cyc...	11.05	10.2	ng/ul	975407	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	11.24	18.0	ng/ul	1715240	2	10.56	1907980	20.0
1H-Indene, 2,3-di...	11.32	3.9	ng/ul	368977	2	10.56	1907980	20.0
unknown-05	11.39	4.9	ng/ul	466258	2	10.56	1907980	20.0
unknown-06	11.62	10.3	ng/ul	980545	2	10.56	1907980	20.0
unknown-07	11.75	7.8	ng/ul	744483	2	10.56	1907980	20.0

(DEL) Alkane: Cyc...	11.84	12.3	ng/ul	1170450	2	10.56	1907980	20.0
unknown-08	12.03	9.4	ng/ul	898996	2	10.56	1907980	20.0
Naphthalene, 1-et...	12.09	2.6	ng/ul	250978	2	10.56	1907980	20.0
1H-Indene, 2,3-di...	12.19	9.4	ng/ul	897243	2	10.56	1907980	20.0
unknown-09	12.30	4.0	ng/ul	380340	2	10.56	1907980	20.0
Benzene, 4-(2-but...	12.43	8.2	ng/ul	780363	2	10.56	1907980	20.0
(DEL) Alkane: Bra...	12.61	10.4	ng/ul	705517	3	14.42	1351600	20.0
(DEL) Alkane: Bra...	12.85	19.7	ng/ul	1334110	3	14.42	1351600	20.0
(DEL) Alkane: Bra...	13.00	11.0	ng/ul	742203	3	14.42	1351600	20.0
(DEL) Alkane: Cyc...	13.22	15.4	ng/ul	1038580	3	14.42	1351600	20.0
Naphthalene, 1-et...	13.47	16.1	ng/ul	1090400	3	14.42	1351600	20.0
Naphthalene, 1,4,...	14.55	14.7	ng/ul	995882	3	14.42	1351600	20.0
Naphthalene, 1,6,...	14.82	12.9	ng/ul	873973	3	14.42	1351600	20.0
Naphthalene, 2,3,...	15.04	45.5	ng/ul	3077620	3	14.42	1351600	20.0
Naphthalene, 2-me...	15.52	22.6	ng/ul	1523940	3	14.42	1351600	20.0
Chamazulene	15.68	17.6	ng/ul	1189180	3	14.42	1351600	20.0
4,4'-Dimethylbiph...	16.53	23.7	ng/ul	1080130	4	17.16	912160	20.0
Phenanthrene, 1-m...	18.04	31.4	ng/ul	1434350	4	17.16	912160	20.0
Anthracene, 9-met...	18.23	21.1	ng/ul	961804	4	17.16	912160	20.0
di-p-Tolylacetylene	18.84	10.1	ng/ul	460374	4	17.16	912160	20.0
Phenanthrene, 1,7...	18.96	31.6	ng/ul	1443490	4	17.16	912160	20.0

Instrument :
BNA_M
ClientSampleId :
JHGL1DL