LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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	2.634	3	8	15	rVB2	50517	84127	1.29%	0.088%
2	5.028	409	415	421	rBV2	126712	225055	3.44%	0.235%
3	5.263	449	455	464	rVB	181154	297183	4.54%	0.310%
4	5.516	492	498	509	rVB6	36748	87916	1.34%	0.092%
5	5.628	509	517	523	rBV	121158	204899	3.13%	0.214%
6	5.699	523	529	533	rBV3	91428	171199	2.62%	0.179%
7	5.781	538	543	547	rVV2	140750	261763	4.00%	0.273%
8	5.846	551	554	561	rVB	53666	83299	1.27%	0.087%
9	5.916	561	566	575	rBV2	150082	249266	3.81%	0.260%
10	6.098	588	597	604	rBV3	359056	890403	13.60%	0.930%
11	6.204	610	615	626	rVB5	67418	193444	2.96%	0.202%
12	6.316	626	634	640	rBV5	255678	709814	10.84%	0.741%
13	6.375	640	644	647	rVV	190064	296586	4.53%	0.310%
14	6.422	647	652	656	rVV3	208702	494163	7.55%	0.516%
15	6.487	657	663	673	rVV	696413	1450234	22.15%	1.515%
16	6.575	673	678	683	rVV2	215147	357188	5.46%	0.373%
17	6.634	683	688	694	rVB3	229480	395840	6.05%	0.414%
18	6.698	694	699	704	rBV6	55583	113351	1.73%	0.118%
19	6.910	730	735	738	rBV2	238729	374089	5.71%	0.391%
20	6.957	738	743	747	rBV4	770139	1471312	22.48%	1.537%
21	7.098	762	767	770	rBV	201773	341373	5.21%	0.357%
22	7.151	770	776	780	rVV3	618833	1100638	16.81%	1.150%
23	7.198	780	784	788	rVV3	323647	489981	7.49%	0.512%
24	7.240	788	791	794	rBV2	85414	119316	1.82%	0.125%
25	7.322	799	805	806	rVV2	172703	275389	4.21%	0.288%
26	7.357	806	811	819	rVB2	496434	1058091	16.16%	1.105%
27	7.534	836	841	847	rVB2	537513	1000796	15.29%	1.045%
28	7.634	853	858	866	rVB6	160320	436430	6.67%	0.456%
29	7.740	866	876	879	rBV4	426322	1171225	17.89%	1.223%
30	7.816	879	889	895	rVB5	753238	2395789	36.60%	2.503%
31	7.887	895	901	906	rBV3	264531	462377	7.06%	0.483%
32	7.951	906	912	915	rBV3	279268	625496	9.56%	0.653%
33	7.998	915	920	924	rVV3	466235	949737	14.51%	0.992%
34	8.045	924	928	931	rVV3	219692	337053	5.15%	0.352%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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	8.087	932	935	940	rVB2	142558	241443	3.69%	0.252%
36	8.163	945	948	954	rVB4	167194	301749	4.61%	0.315%
37	8.228	954	959	962	rBV3	153089	263848	4.03%	0.276%
38	8.257	962	964	969	rVB2	135265	180563	2.76%	0.189%
39	8.369	969	983	992	rBV3	701700	2069350	31.61%	2.162%
40	8.445	993	996	1000	rBV3	101570	149778	2.29%	0.156%
41	8.487	1000	1003	1005	rBV4	73238	91198	1.39%	0.095%
42	8.528	1005	1010	1016	rBV3	665545	1243744	19.00%	1.299%
43	8.581	1016	1019	1021	rBV3	94739	128019	1.96%	0.134%
44	8.645	1025	1030	1035	rBV	1310306	2169603	33.14%	2.266%
45	8.798	1051	1056	1065	rVB6	364979	1070792	16.36%	1.119%
46	8.910	1065	1075	1081	rBV5	769124	2350929	35.91%	2.456%
47	8.975	1081	1086	1090	rBV	443319	790969	12.08%	0.826%
48	9.075	1100	1103	1107	rVB4	267590	399238	6.10%	0.417%
49	9.128	1107	1112	1114	rBV2	465202	754512	11.53%	0.788%
50	9.163	1114	1118	1125	rVB4	728644	1541426	23.55%	1.610%
51	9.234	1125	1130	1133	rBV3	264689	493855	7.54%	0.516%
52	9.275	1134	1137	1143	rVB6	250937	445107	6.80%	0.465%
53	9.345	1144	1149	1153	rBV4	237718	550419	8.41%	0.575%
54	9.534	1173	1181	1193	rVB	2163606	4453170	68.03%	4.652%
55	9.698	1204	1209	1213	rVB3	499080	789380	12.06%	0.825%
56	9.792	1219	1225	1233	rBV2	2626535	4668549	71.32%	4.877%
57	9.892	1238	1242	1246	rBV3	367030	577468	8.82%	0.603%
58	10.010	1259	1262	1266	rBV4	163085	261556	4.00%	0.273%
59	10.239	1297	1301	1307	rVB2	763649	1387881	21.20%	1.450%
60	10.316	1308	1314	1316	rBV4	717370	1320412	20.17%	1.379%
61	10.392	1323	1327	1337	rVB3	785939	1842555	28.15%	1.925%
62	10.581	1353	1359	1362	rBV2	1339323	2935698	44.85%	3.067%
63	10.622	1362	1366	1373	rVB3	1592648	3157909	48.24%	3.299%
64	10.733	1381	1385	1389	rBV5	519650	1013262	15.48%	1.058%
65	10.828	1397	1401	1405	rBV5	413957	713314	10.90%	0.745%
66	10.904	1411	1414	1419	rVB5	414631	567172	8.66%	0.592%
67	11.022	1430	1434	1441	rVV3	928045	1559933	23.83%	1.630%
68	11.098	1443	1447	1452	rVB	1252724	2000289	30.56%	2.090%
69	11.269	1472	1476	1477	rBV	830366	985322	15.05%	1.029%
70	11.381	1491	1495	1500	rBV4	449807	895396	13.68%	0.935%
71	11.639	1535	1539	1541	rBV	995630	1525677	23.31%	1.594%

LSC Area Percent Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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	11.804	1563	1567	1575	rVB2	890853	1705456	26.05%	1.782%
73	11.898	1579	1583	1588	rVB3	1274828	2106898	32.19%	2.201%
74	12.351	1656	1660	1666	rBV3	761997	1970667	30.10%	2.059%
75	12.669	1710	1714	1718	rVB4	930825	1400084	21.39%	1.463%
76	12.898	1749	1753	1758	rVB3	1523770	2450000	37.43%	2.559%
77	12.992	1767	1769	1774	rVB	1580859	2196650	33.56%	2.295%
78	13.051	1775	1779	1785	rVB3	745164	1411199	21.56%	1.474%
79	13.269	1813	1816	1821	rVB2	1495716	2083900	31.83%	2.177%
80	13.945	1928	1931	1935	rVB	1876155	2563091	39.15%	2.677%
81	14.157	1964	1967	1970	rBV	1086912	1524987	23.30%	1.593%
82	15.086	2122	2125	2129	rBV	1419446	2264891	34.60%	2.366%
83	15.721	2231	2233	2239	rVB3	1683928	2437383	37.23%	2.546%
84	16.198	2311	2314	2326	rVB2	3534261	6546020	100.00%	6.838%

Sum of corrected areas: 95727533

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
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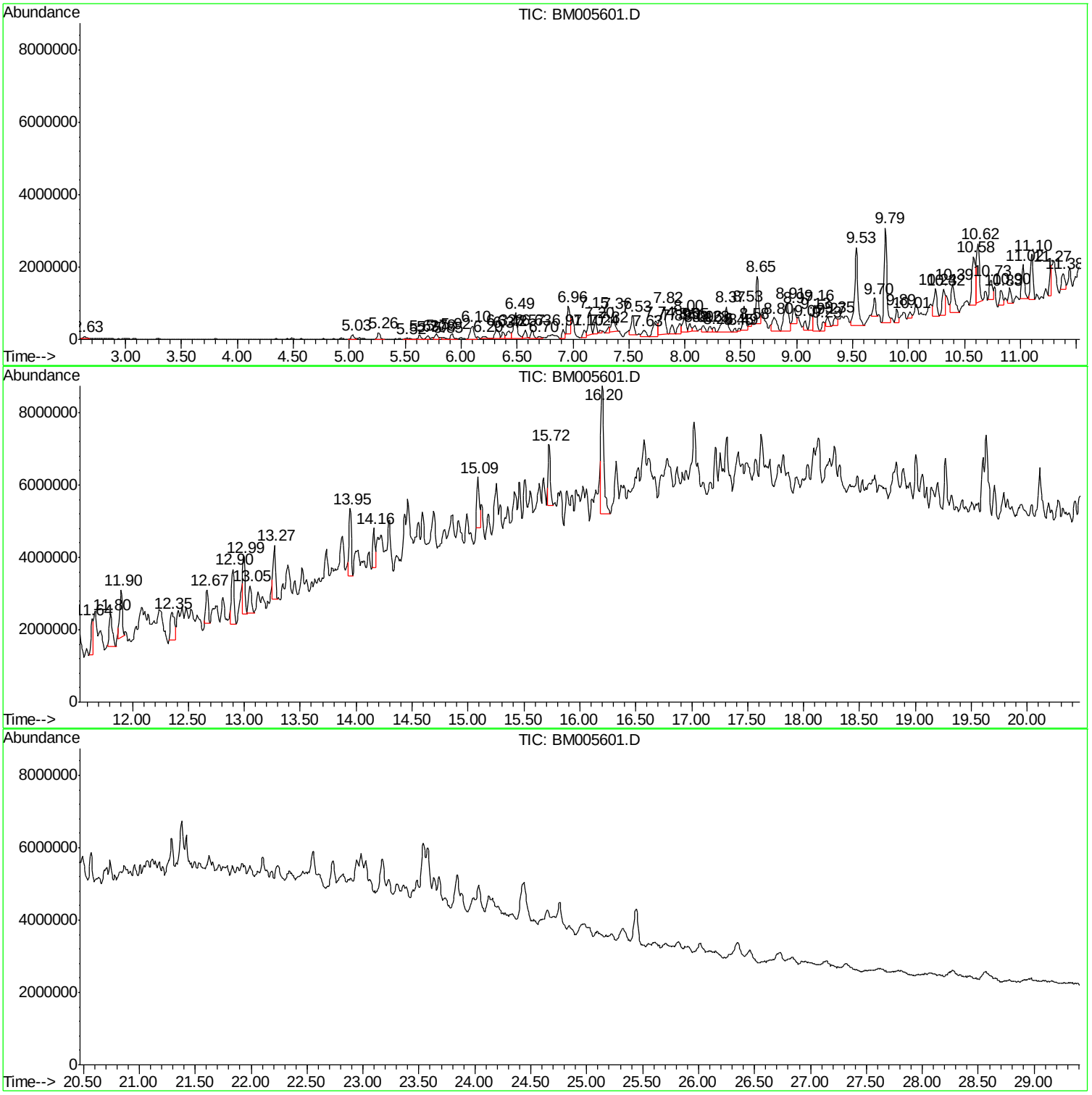
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

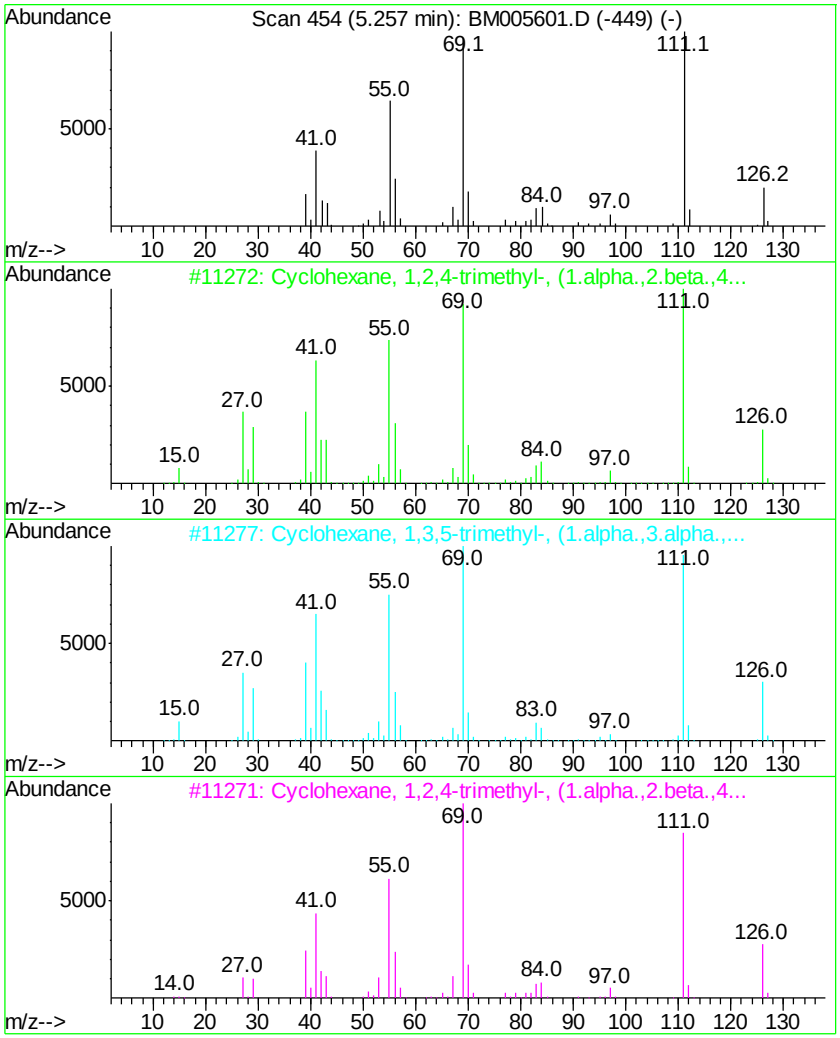
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

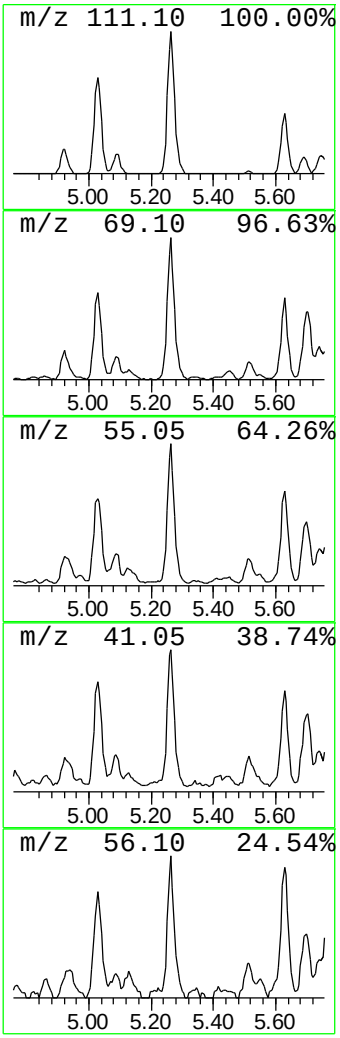
****

Peak Number 1 (DEL) Alkane: Cyclic5.26 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	2.48 ng/ul	297183	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	94
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

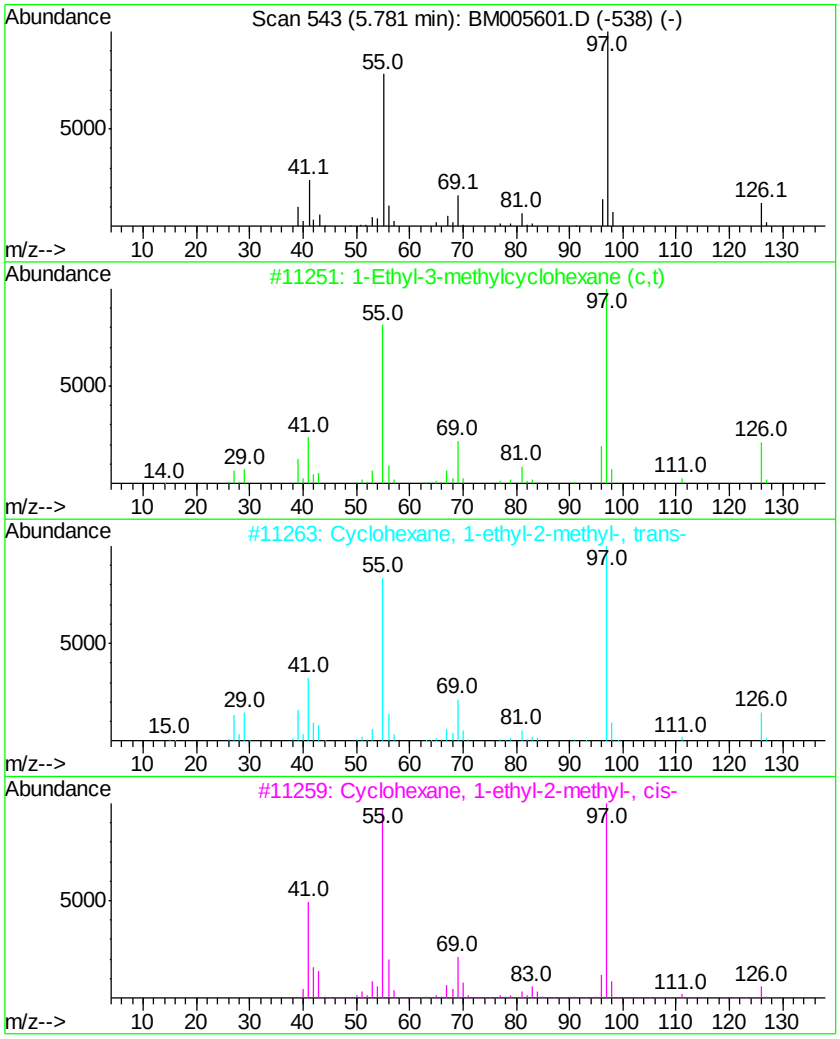
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

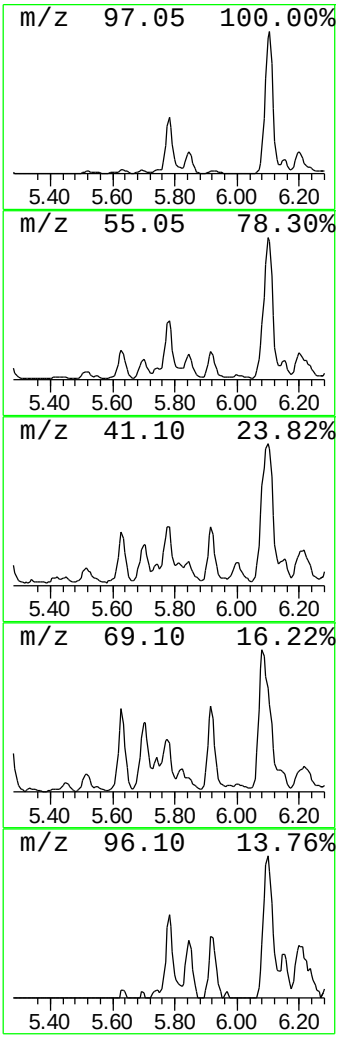
****

Peak Number 2 (DEL) Alkane: Cyclic5.78 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	2.19 ng/ul	261763	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	87
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	78
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	76
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

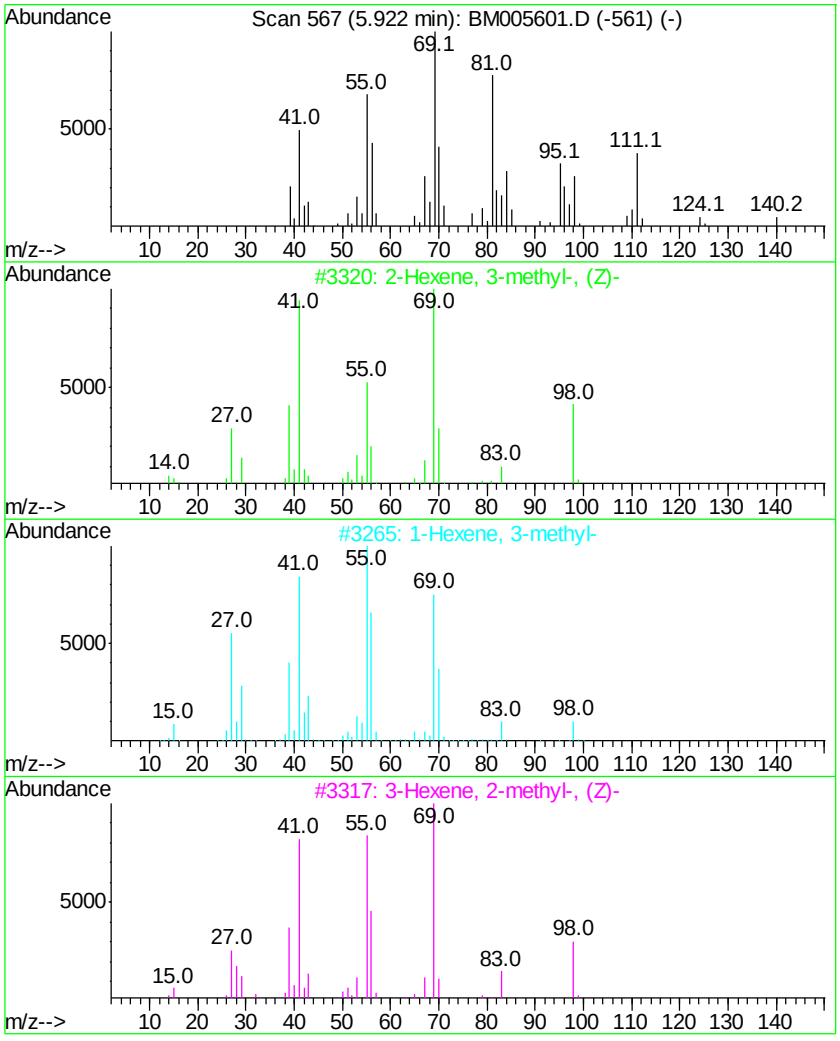
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

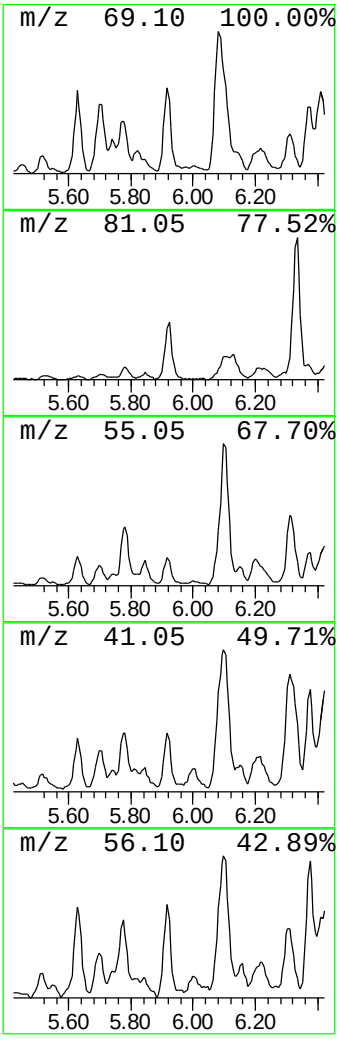
****

Peak Number 3 (DEL) Alkane: Cyclic5.92 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	2.08 ng/ul	249266	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	55
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	53
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	49
4	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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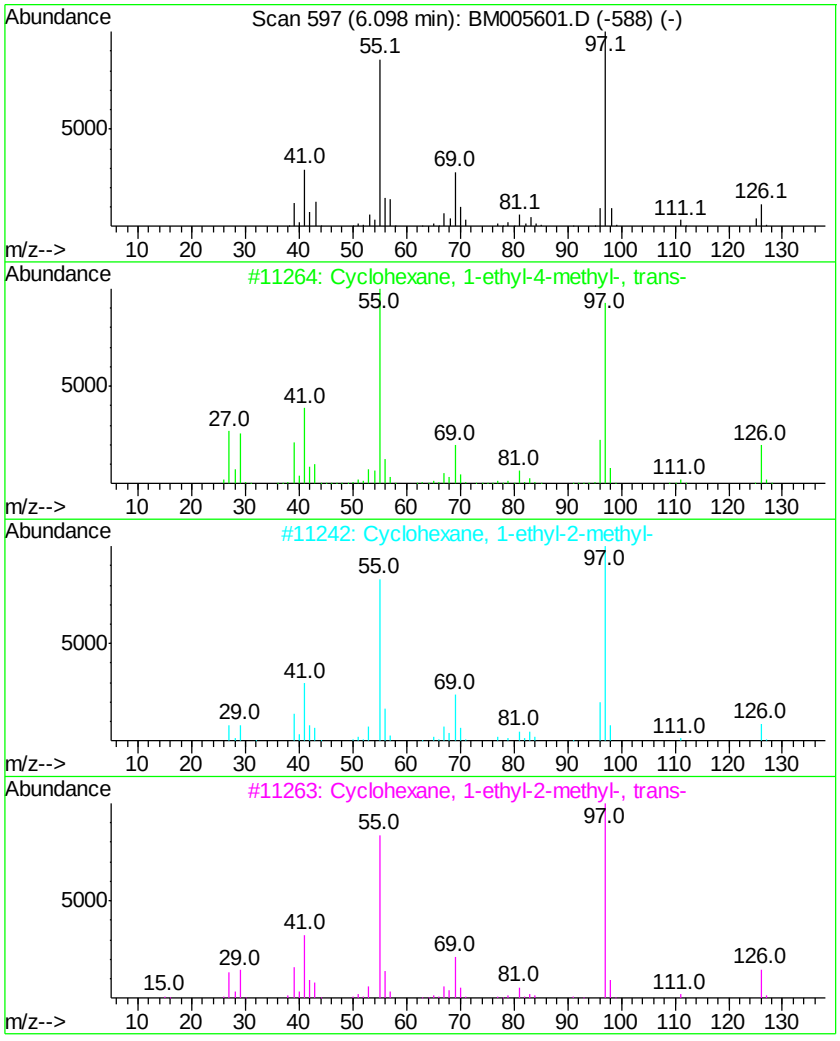
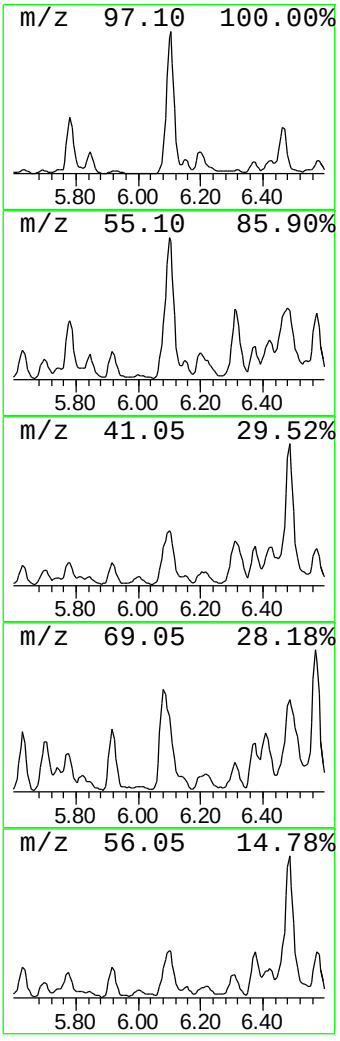
Peak Number 4 (DEL) Alkane: Cyclic6.10 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	7.43 ng/ul	890403	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
4	4-Octen-3-one	126	C8H14O	014129-48-7	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64





Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

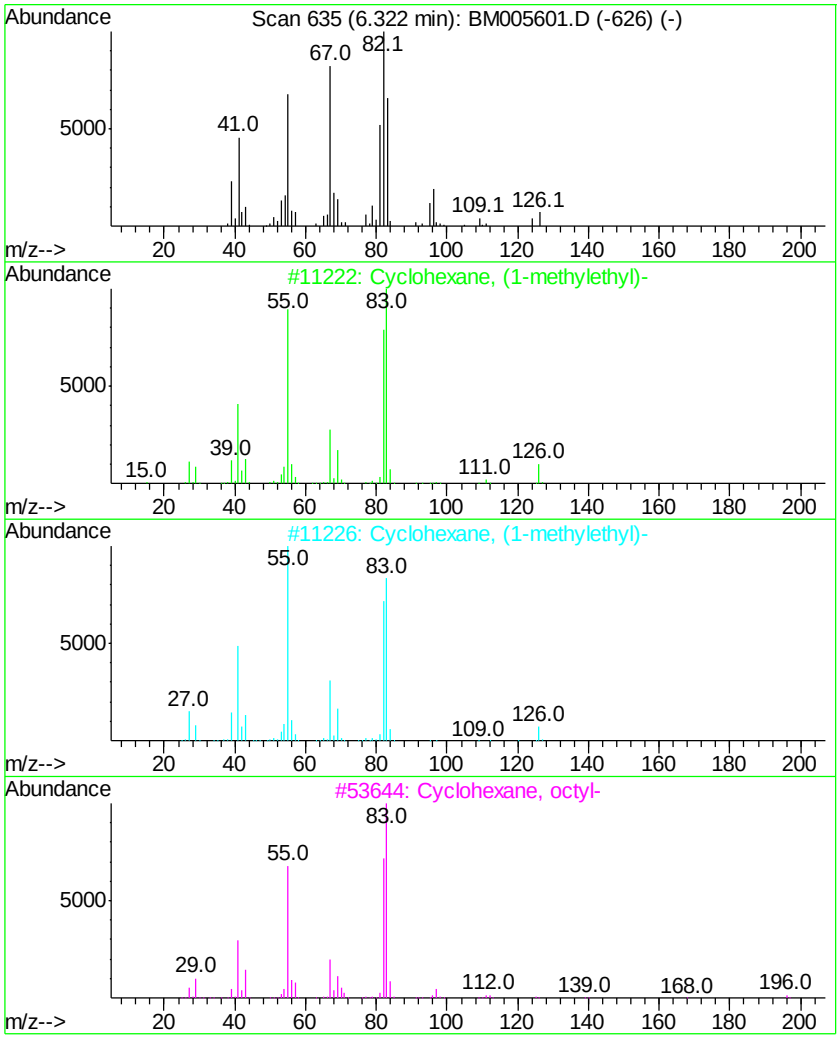
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

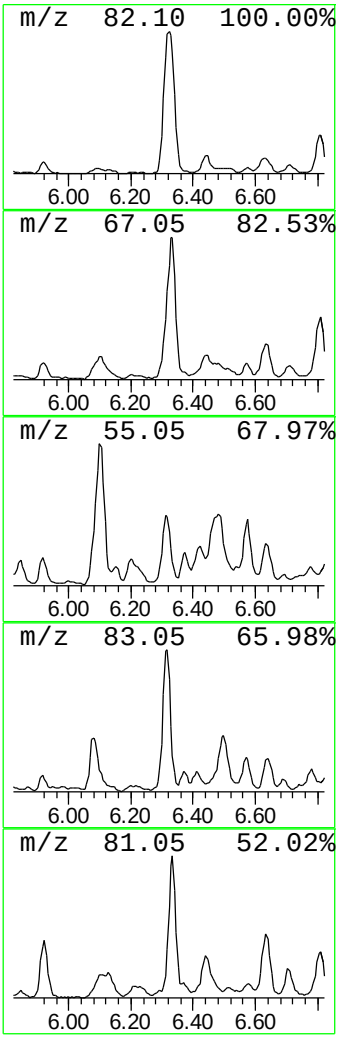
****

Peak Number 5 (DEL) Alkane: Cyclic6.32 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	5.93 ng/ul	709814	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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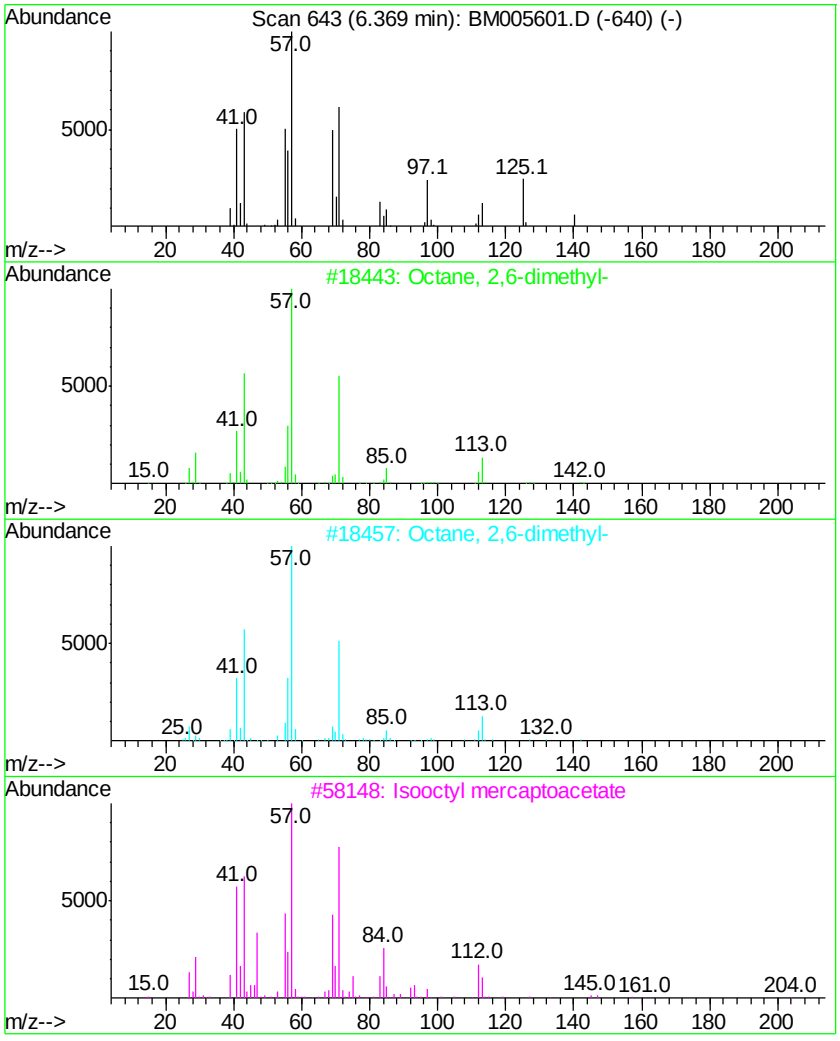
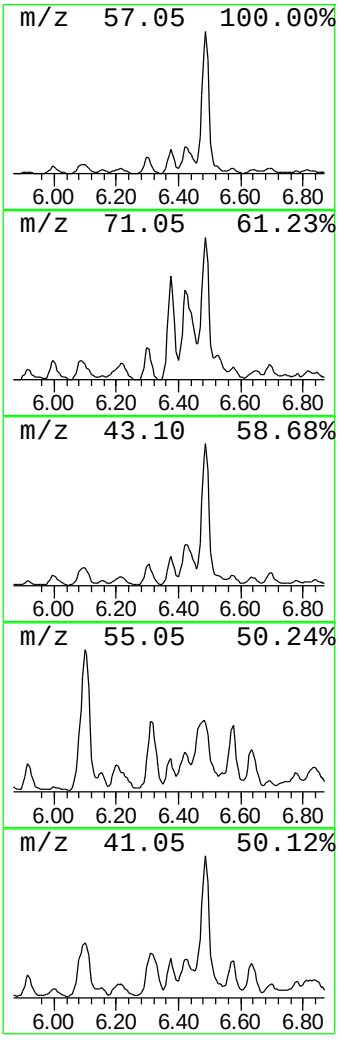
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	2.48 ng/ul	296586	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	50
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	47





Library Search Compound Report

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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

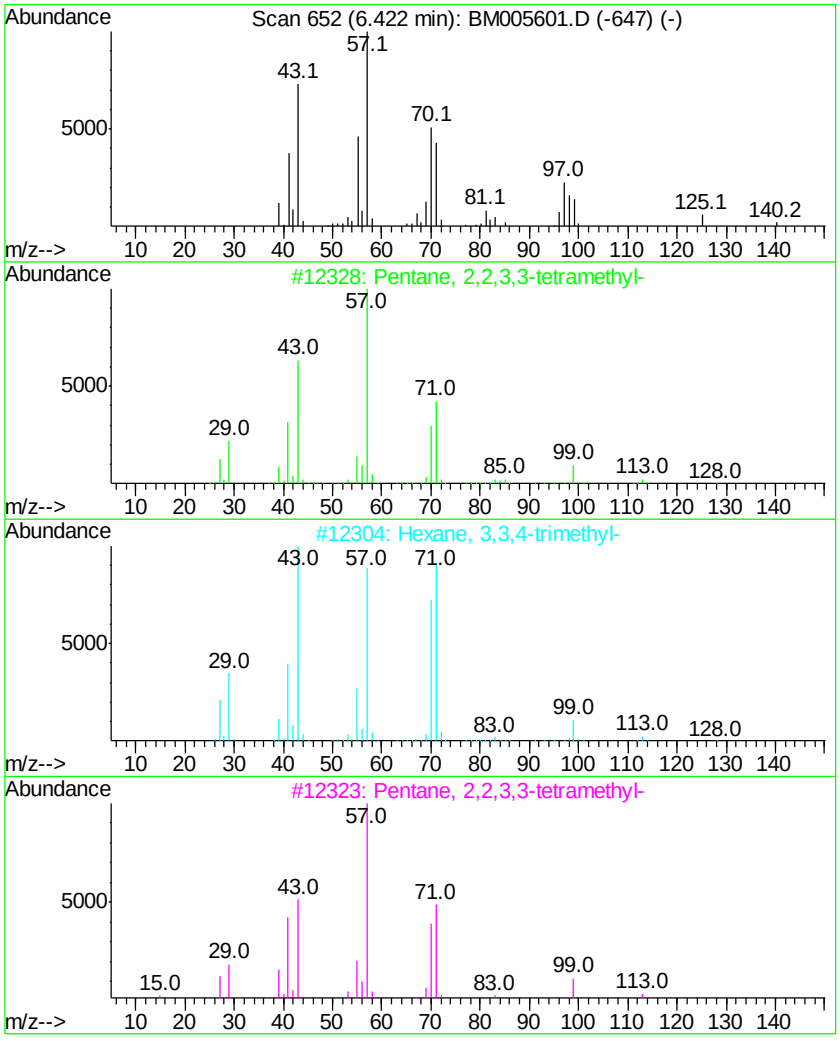
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

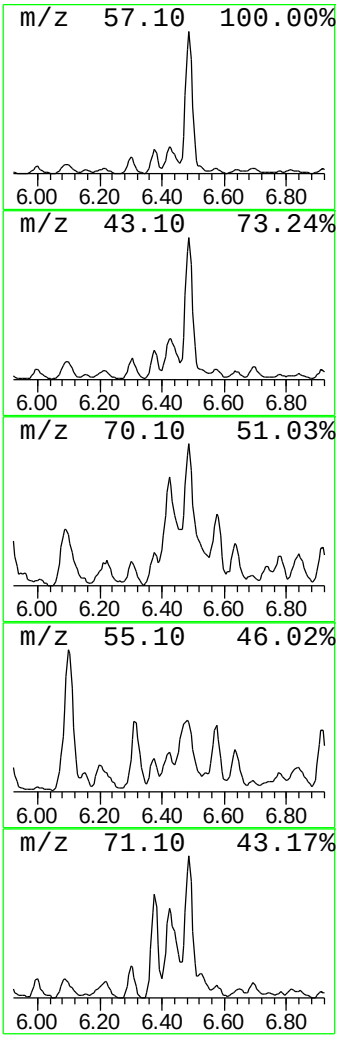
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	4.13 ng/ul	494163	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	43
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	43





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Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

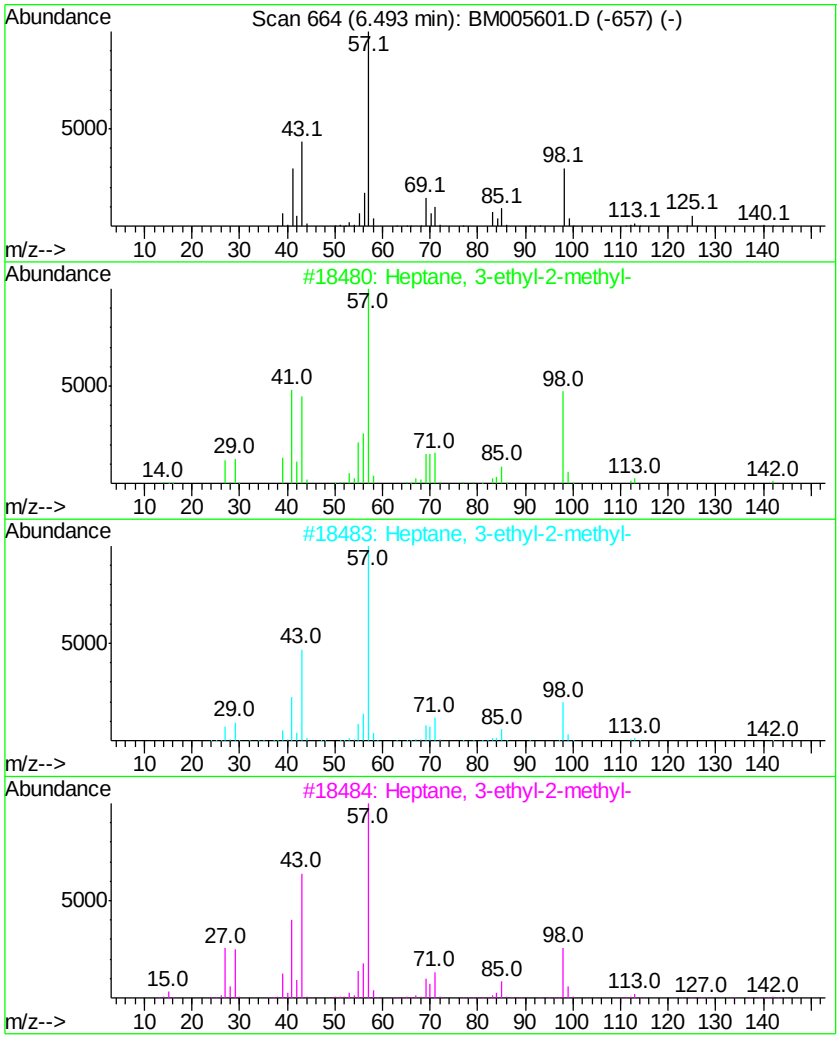
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

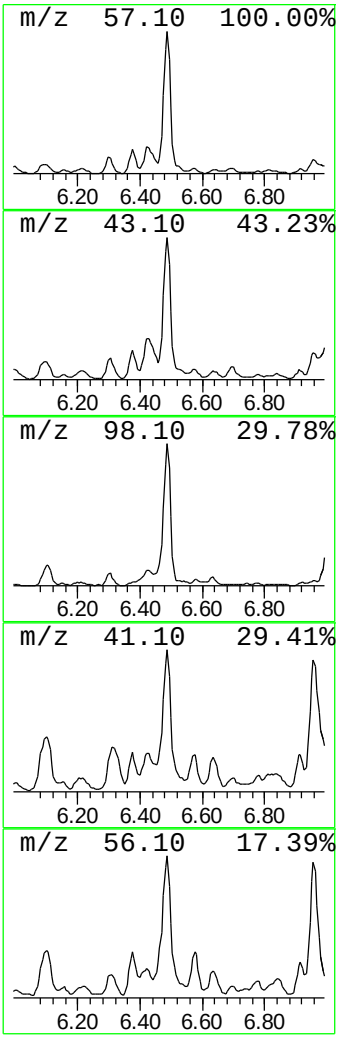
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	12.11 ng/ul	1450230	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





Library Search Compound Report

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ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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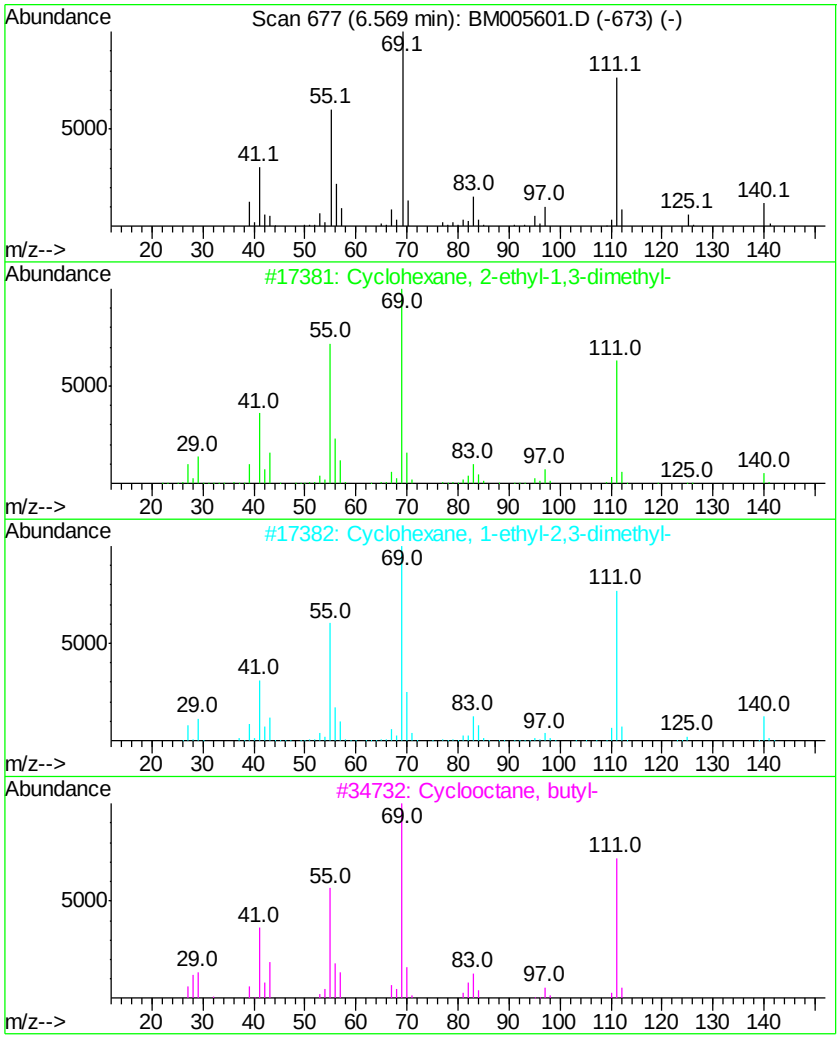
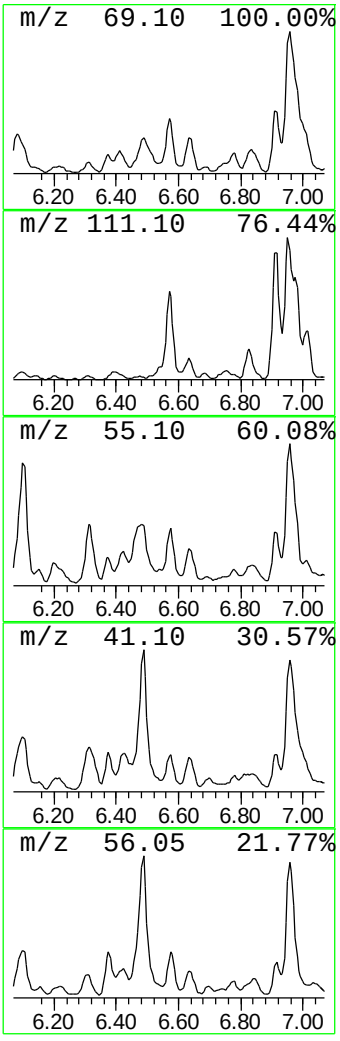
Peak Number 9 (DEL) Alkane: Cyclic6.57 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	2.98 ng/ul	357188	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	91
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	87
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
4	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	46
5	2,5-Dimethyl-3-hexene	112	C8H16	1000118-16-2	43





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Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

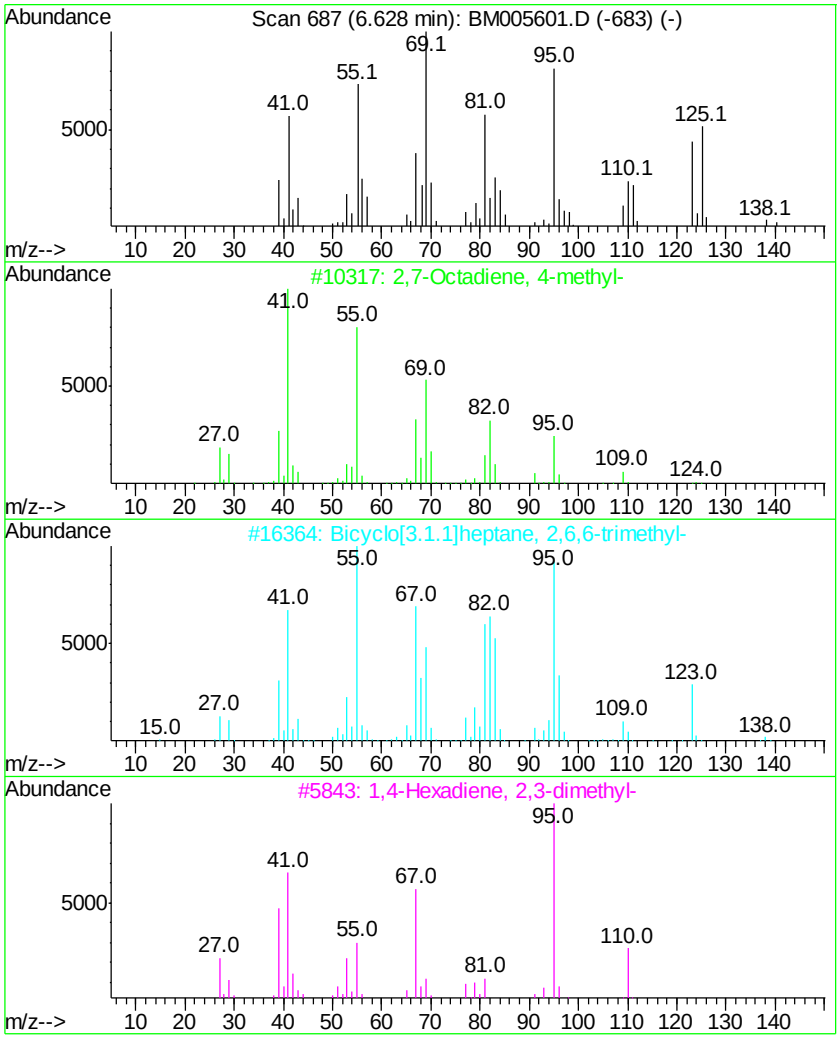
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

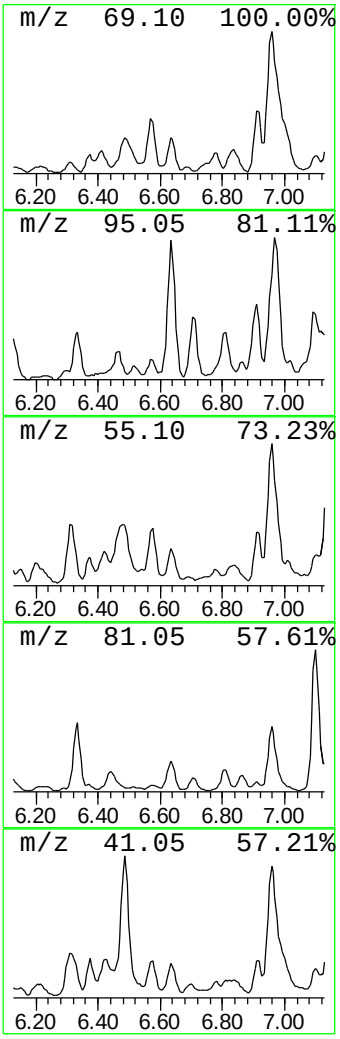
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Branched6.63 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.30 ng/ul	395840	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	49
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
3	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
4	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	30
5	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	30





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ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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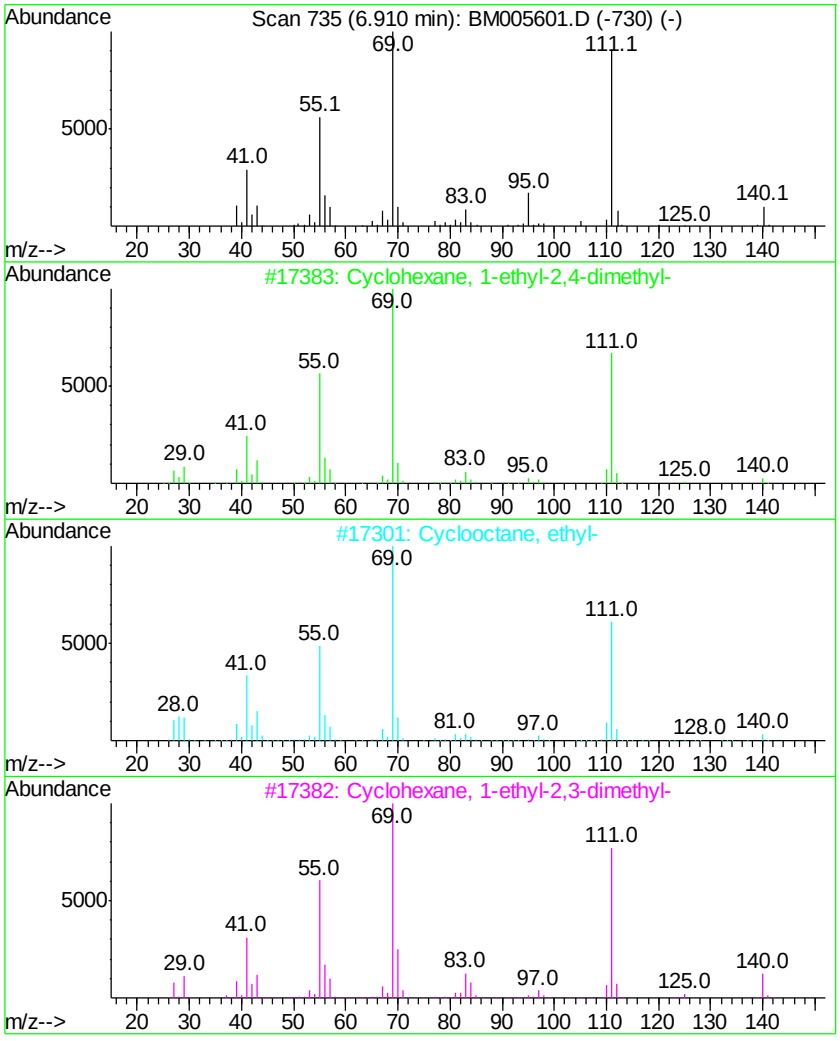
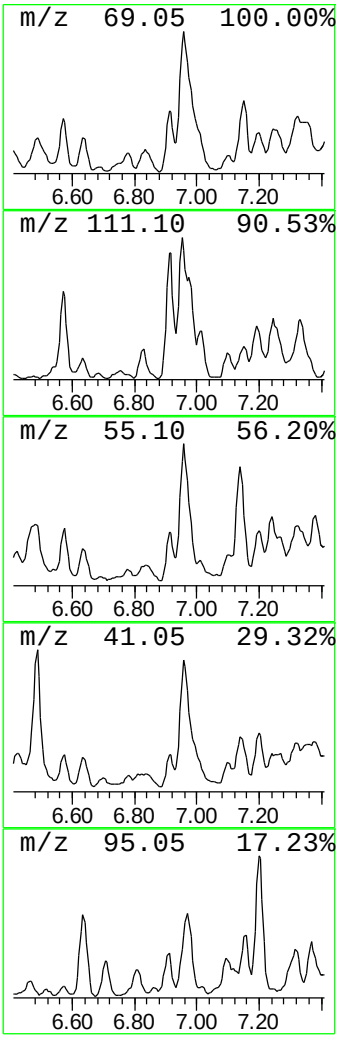
Peak Number 11 (DEL) Alkane: Cyclic6.91 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.12 ng/ul	374089	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	91
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	87
3	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	83
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	78
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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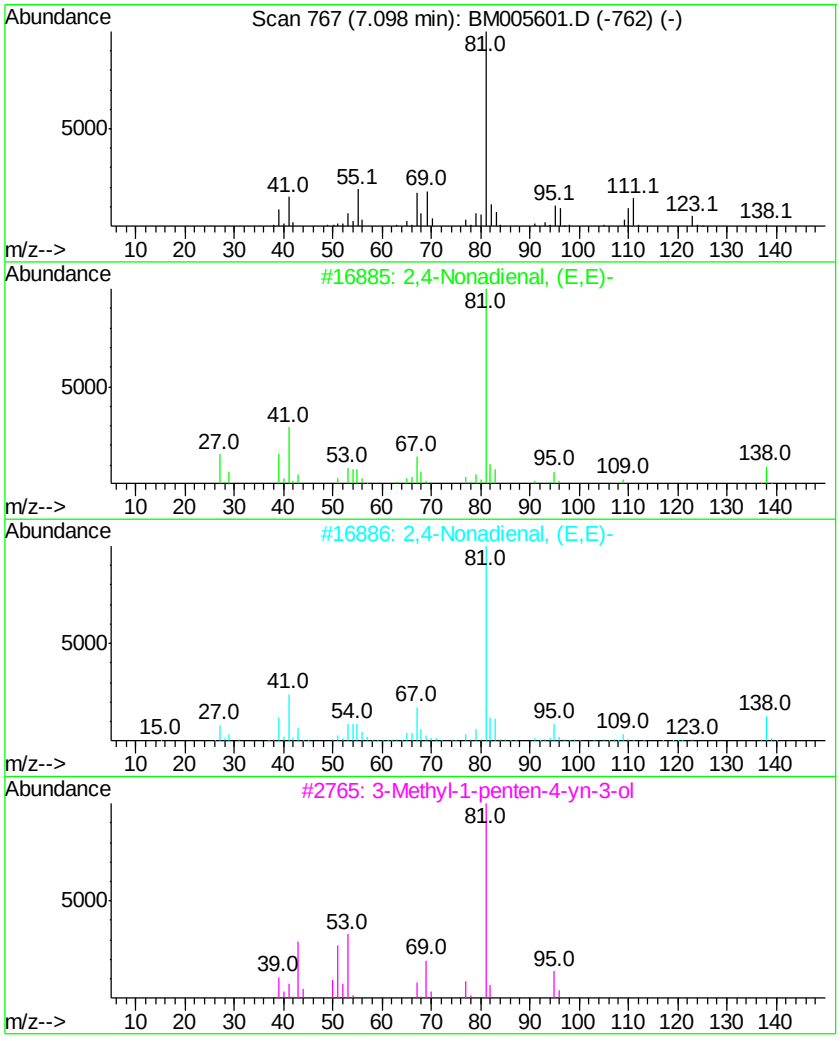
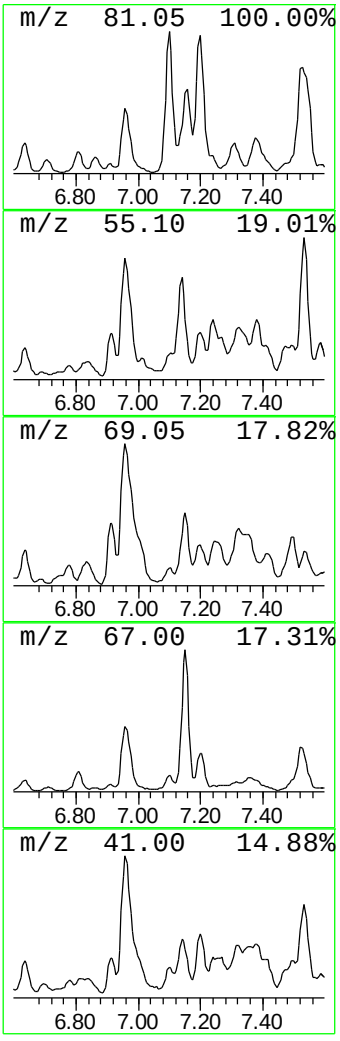
Peak Number 12 2,4-Nonadienal, (E,E)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.85 ng/ul	341373	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	58
2	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	53
3	3-Methyl-1-penten-4-yn-3-ol	96	C6H8O	003230-69-1	53
4	2,4-Nonadienal	138	C9H14O	006750-03-4	53
5	2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	50





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Misc :
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Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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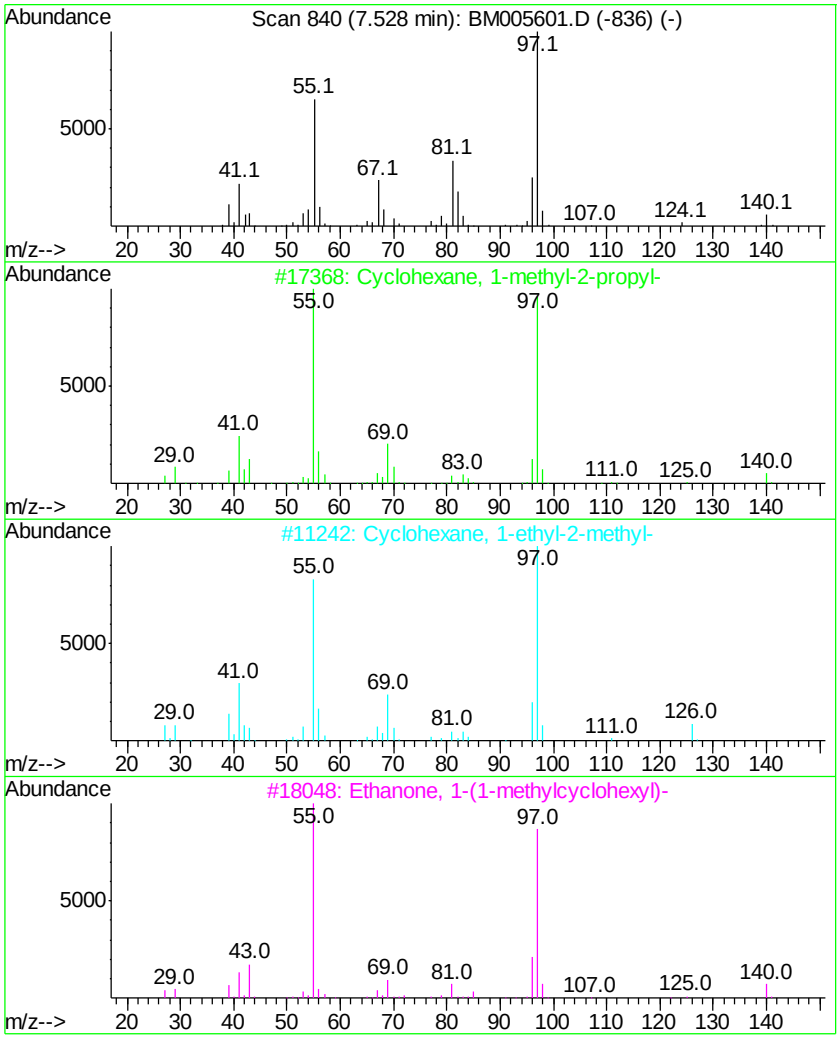
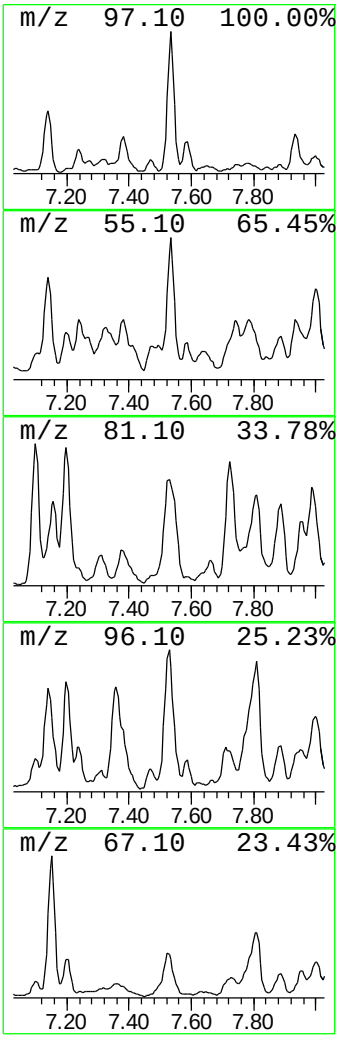
Peak Number 13 (DEL) Alkane: Cyclic7.53 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	8.35 ng/ul	1000800	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	78
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72





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Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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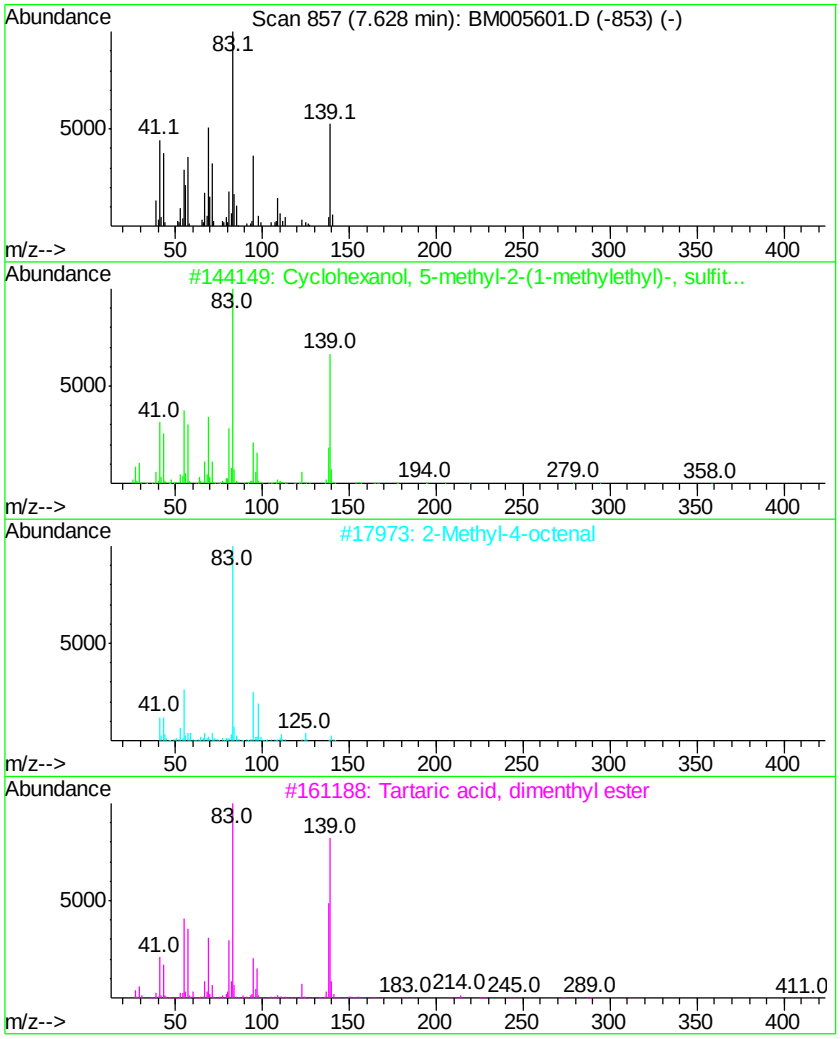
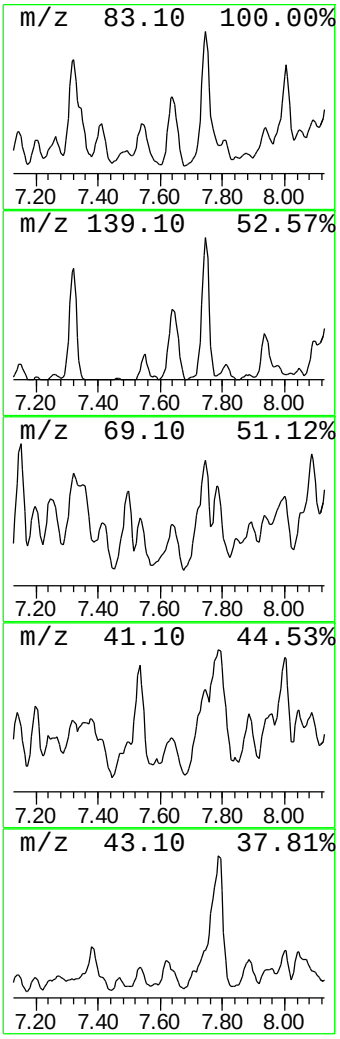
Peak Number 14 Cyclohexanol, 5-methyl-2-(1... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	3.64 ng/ul	436430	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 5-methyl-2-(1-meth...	358	C20H38O3S	026510-92-9	72
2	2-Methyl-4-octenal	140	C9H16O	030390-58-0	53
3	Tartaric acid, dimenthyl ester	426	C24H42O6	1000149-89-9	50
4	Menthol, (2,3-dihydroxy-2-methyl...	258	C14H26O4	1000127-79-6	50
5	((5-Isopropyl-2-methylcyclohexyl...	294	C17H26O2S	093542-25-7	45





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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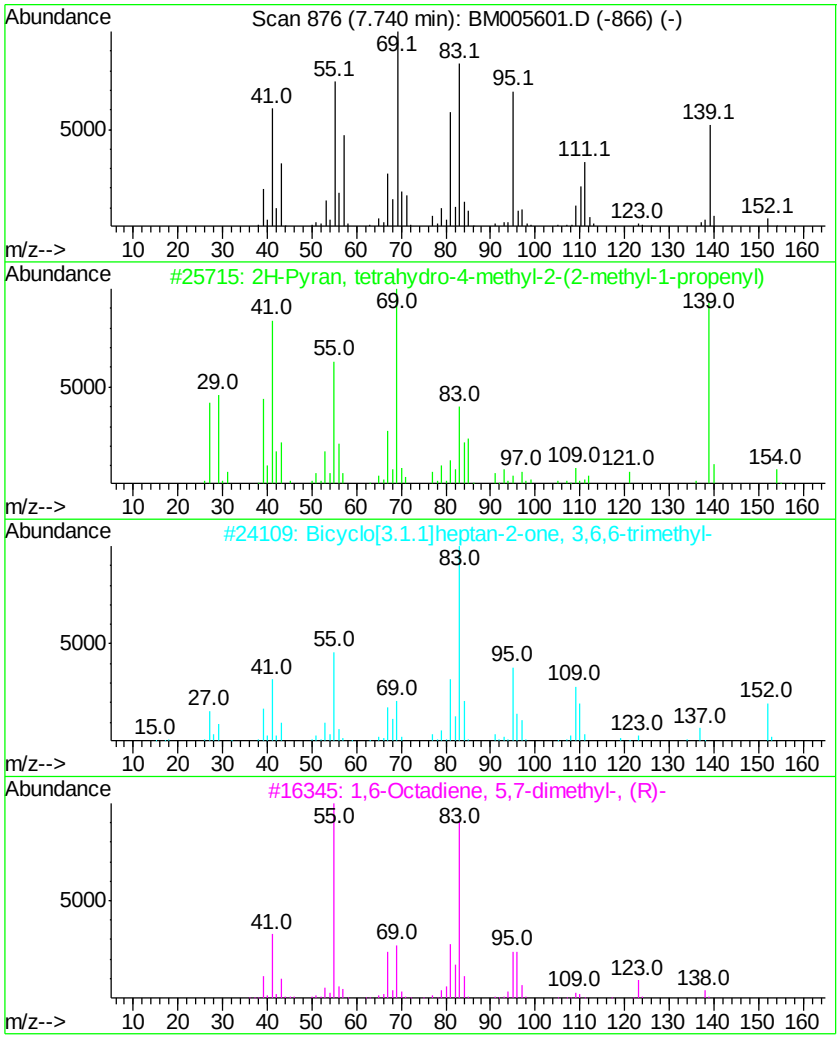
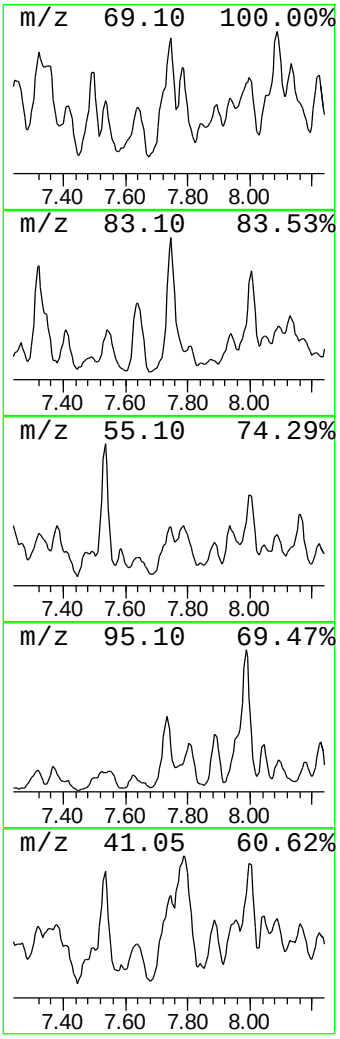
Peak Number 15 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	9.78 ng/ul	1171230	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	46
2	Bicyclo[3.1.1]heptan-2-one, 3,6,...	152	C10H16O	016022-08-5	30
3	1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	30
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	018358-53-7	30
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25





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ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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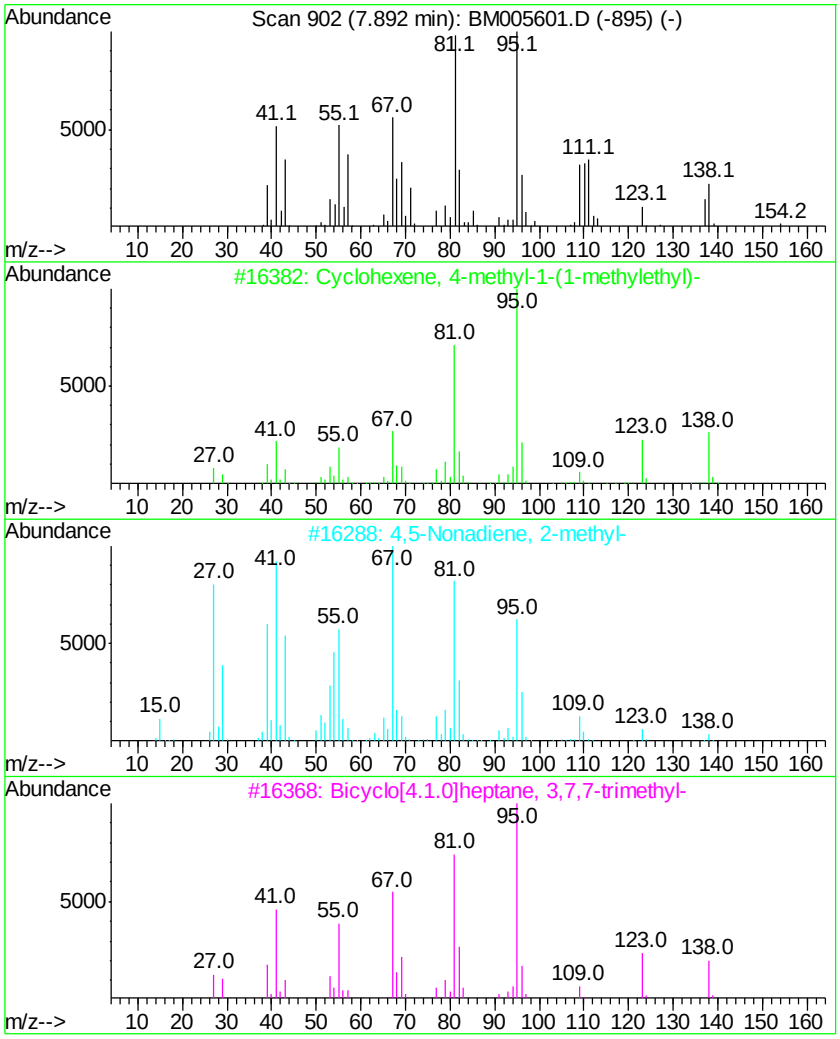
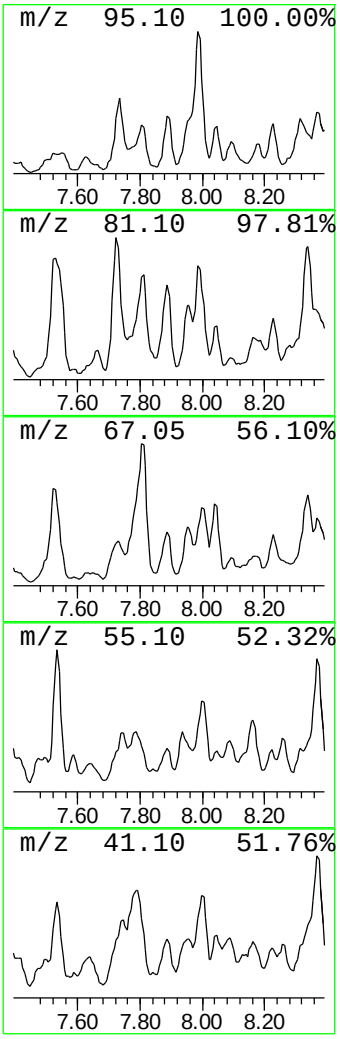
Peak Number 16 (DEL) Alkane: Branched7.89 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.86 ng/ul	462377	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	76
2	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	64
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	62
4	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	55
5	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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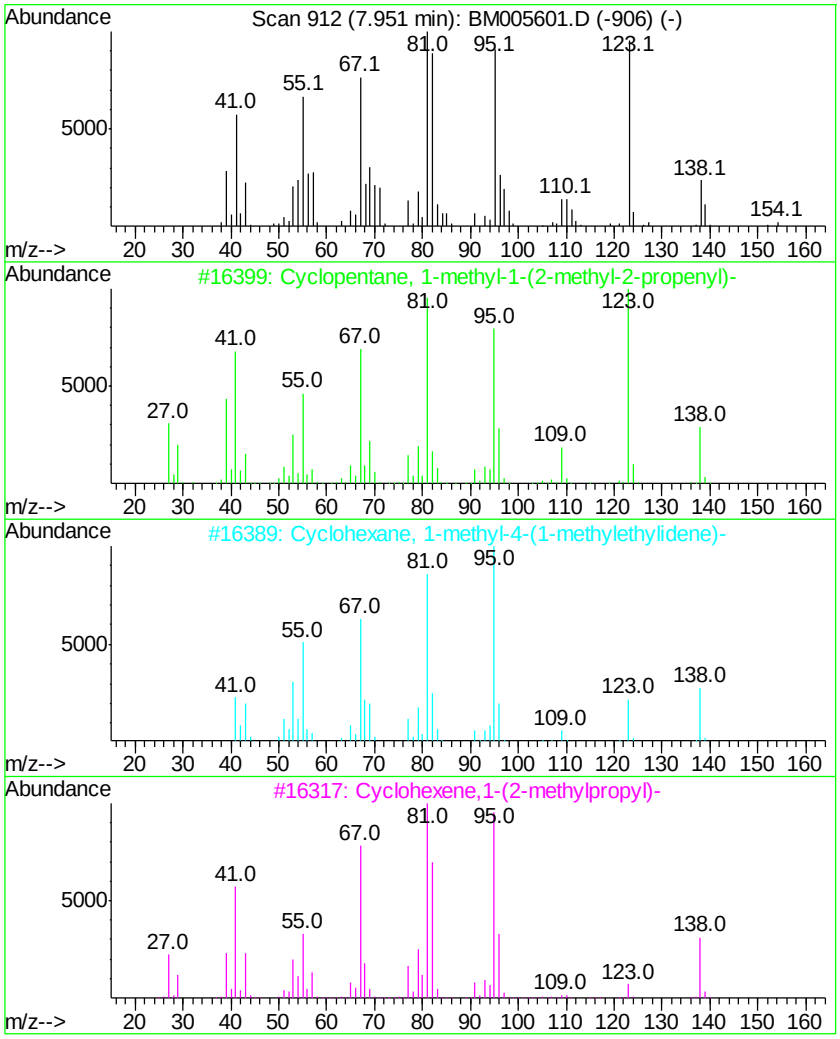
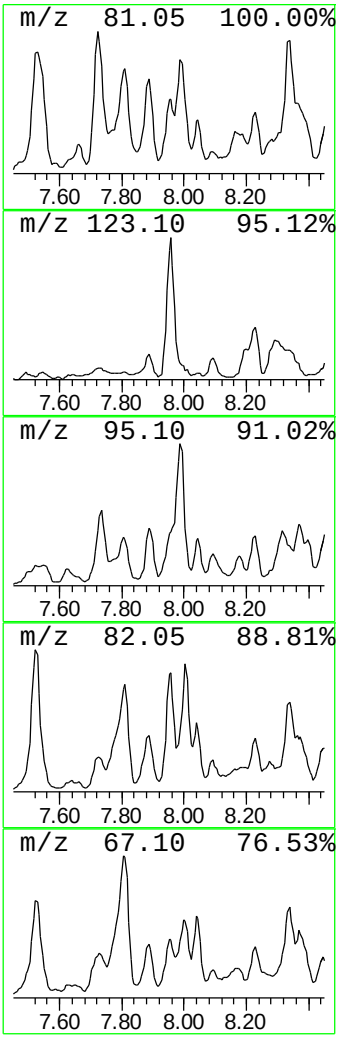
Peak Number 17 (DEL) Alkane: Branched7.95 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	5.22 ng/ul	625496	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	76
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	64
3	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	62
4	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	50
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	49





Library Search Compound Report

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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

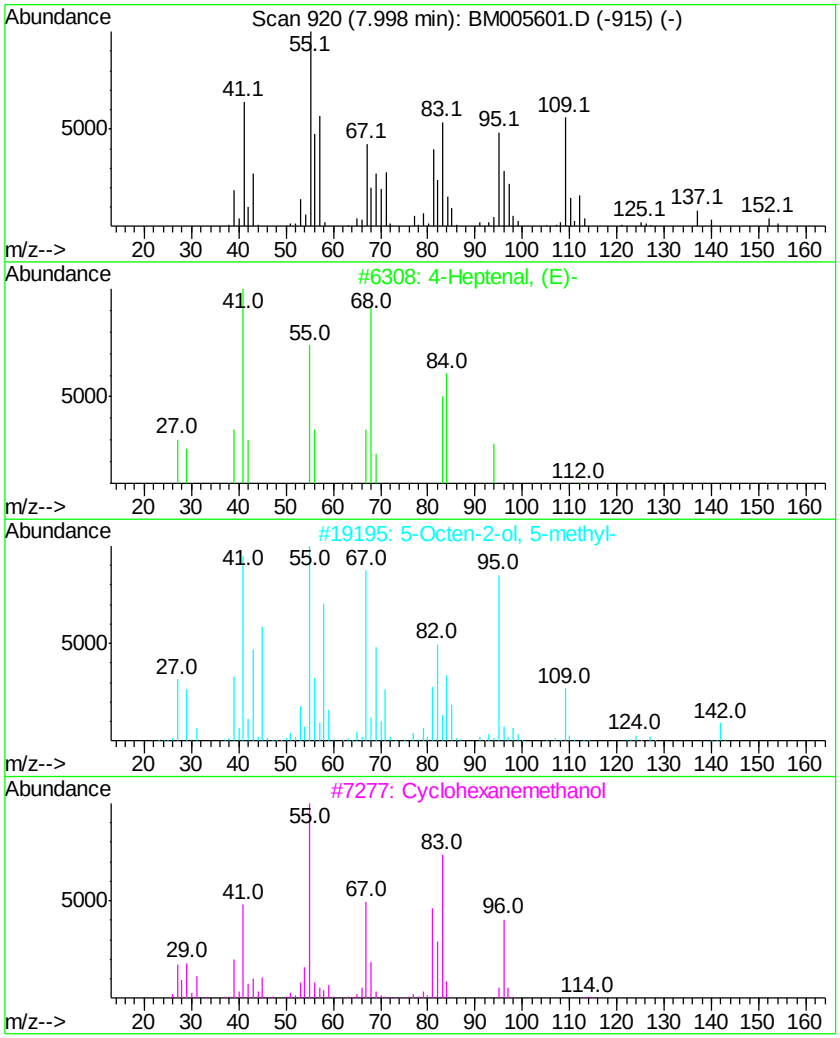
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

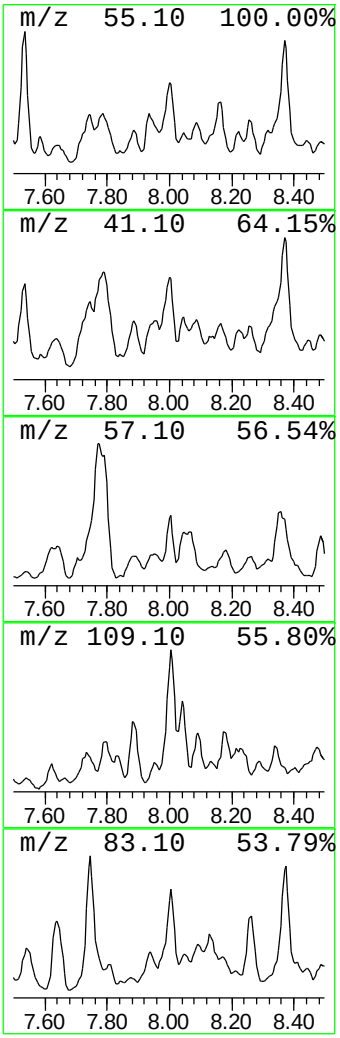
****

Peak Number 18 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	7.93 ng/ul	949737	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptenal, (E)-	112	C7H12O	000929-22-6	35
2	5-Octen-2-ol, 5-methyl-	142	C9H18O	118989-20-1	27
3	Cyclohexanemethanol	114	C7H14O	000100-49-2	27
4	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	25
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	22





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Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

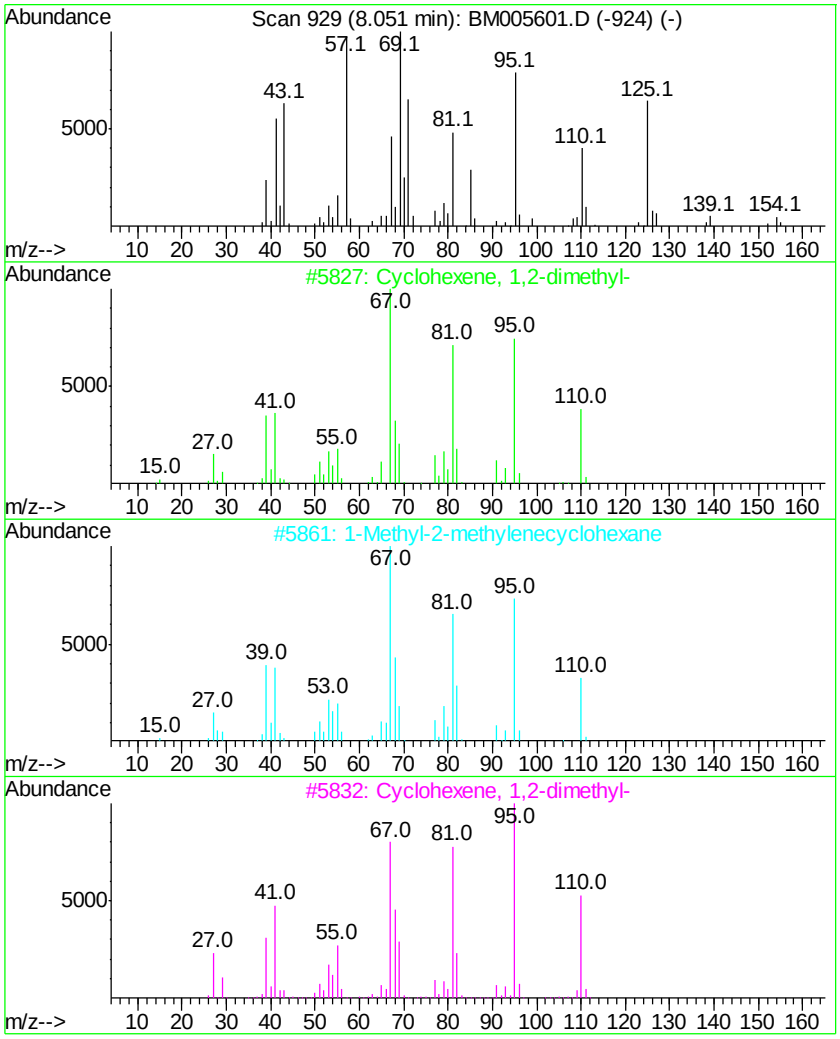
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

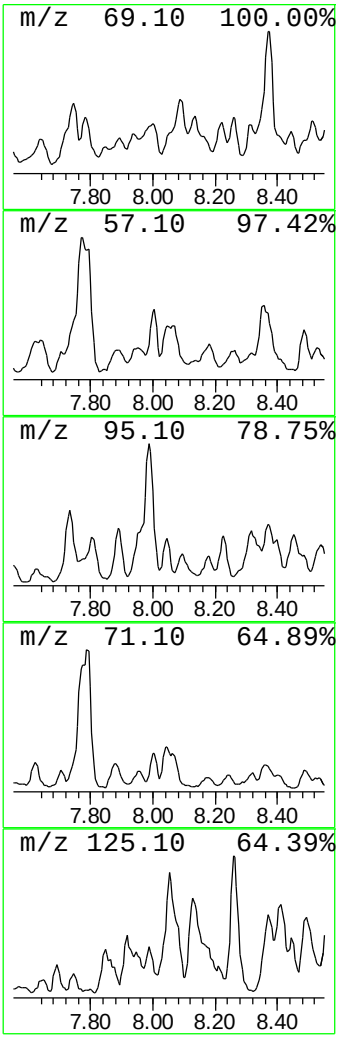
****

Peak Number 19 (DEL) Alkane: Branched8.05 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	2.81 ng/ul	337053	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	86
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	62
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	58
4	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	52
5	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	49





Library Search Compound Report

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Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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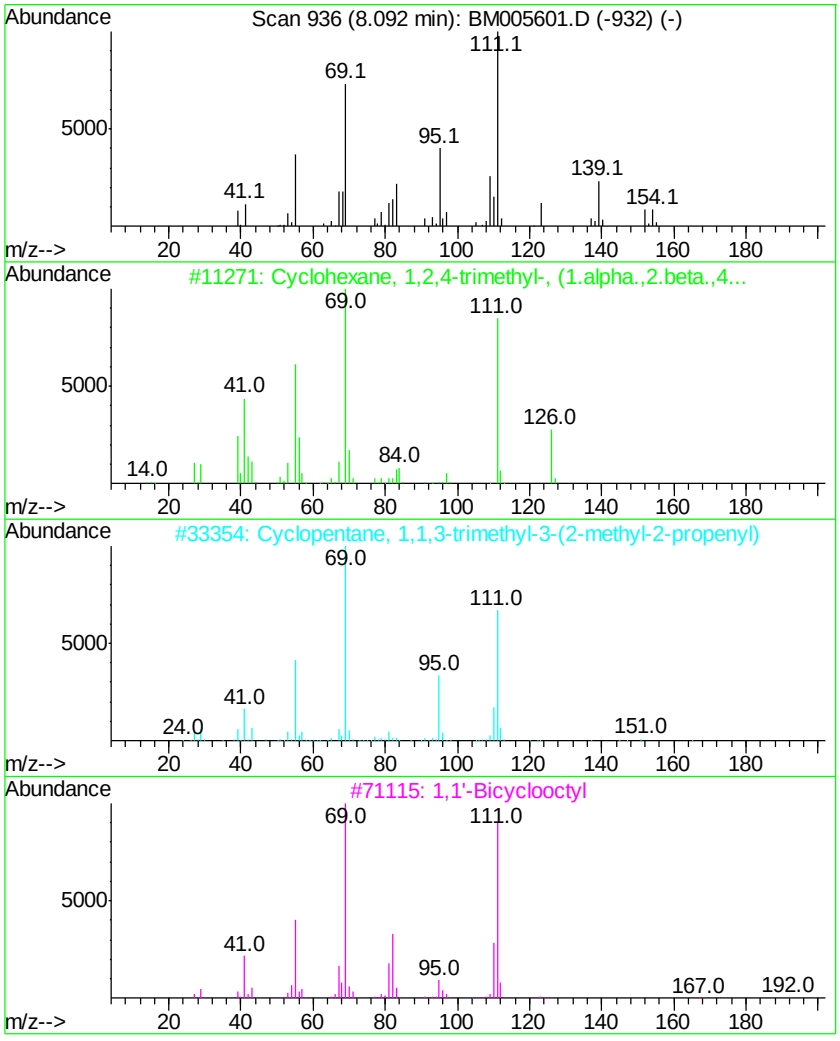
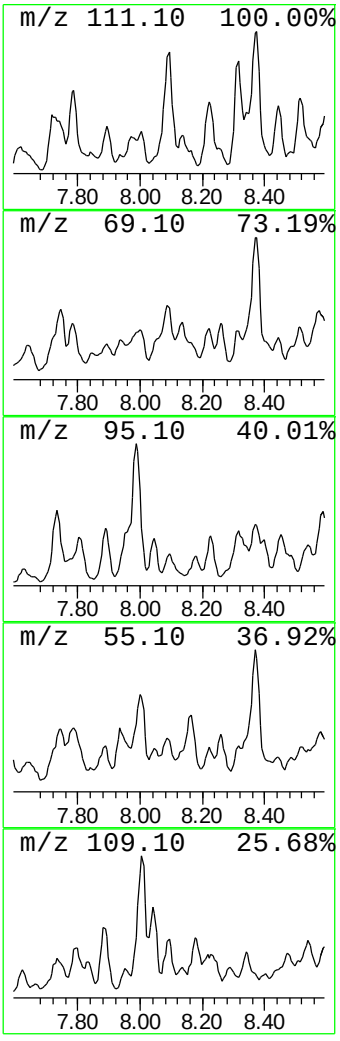
Peak Number 20 (DEL) Alkane: Cyclic8.09 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	2.02 ng/ul	241443	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	47
2	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	40
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	38
4	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	38
5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	35





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Acq On : 22 May 2016 23:53
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Sample : H3124-02
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

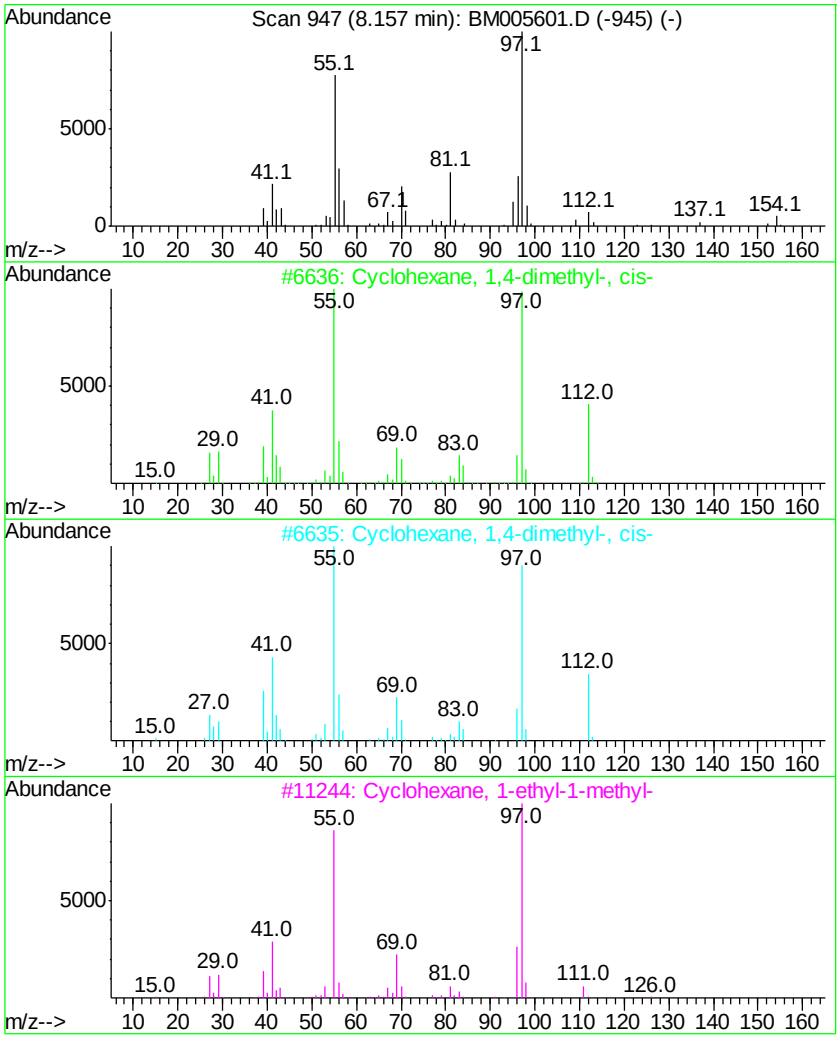
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

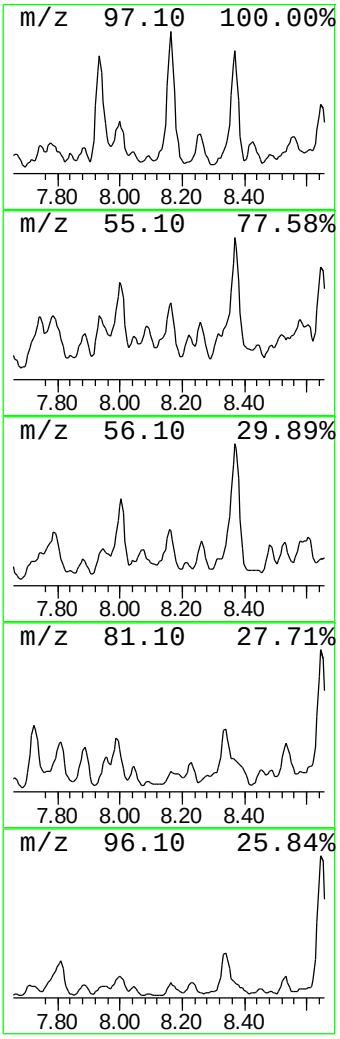
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic8.16 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	2.52 ng/ul	301749	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53





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Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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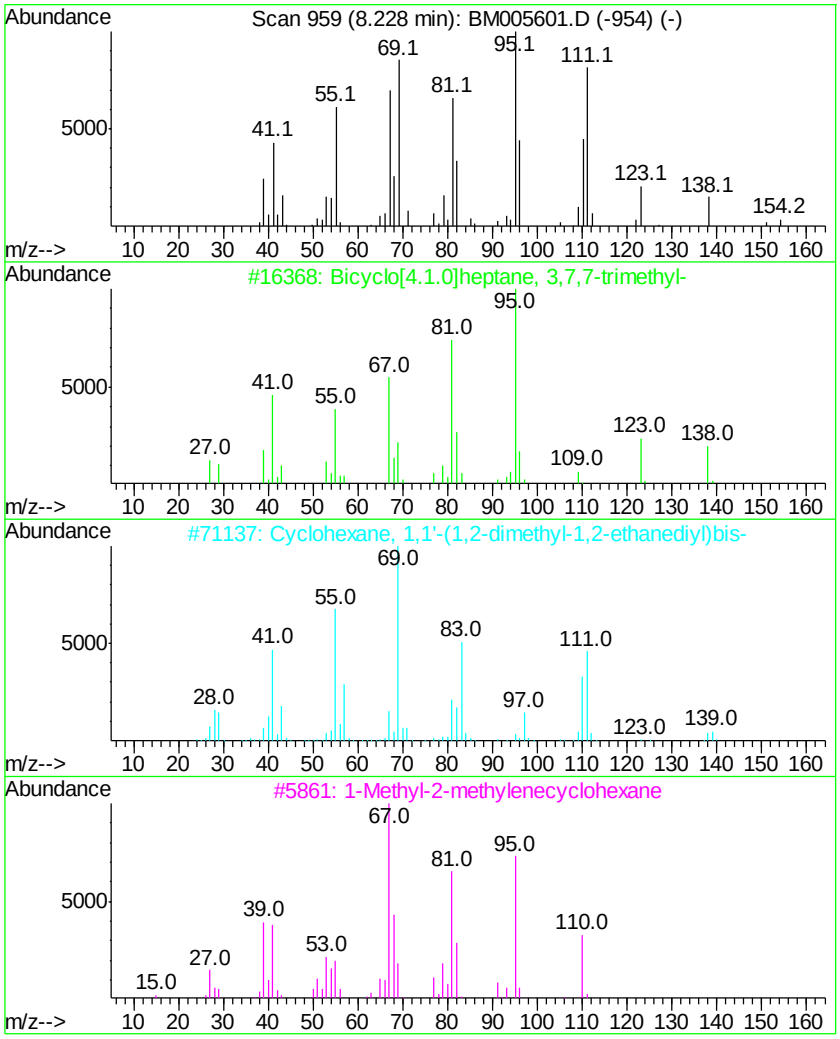
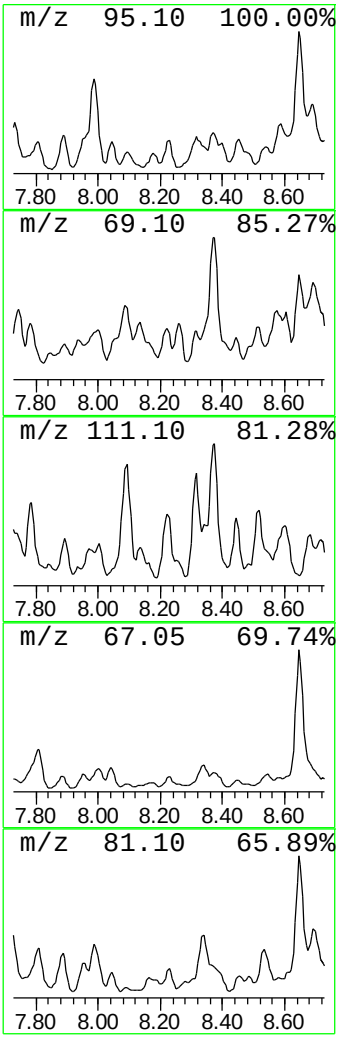
Peak Number 22 (DEL) Alkane: Branched8.23 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	2.20 ng/ul	263848	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	46
2	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	43
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	41
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	38
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38





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Sample : H3124-02
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Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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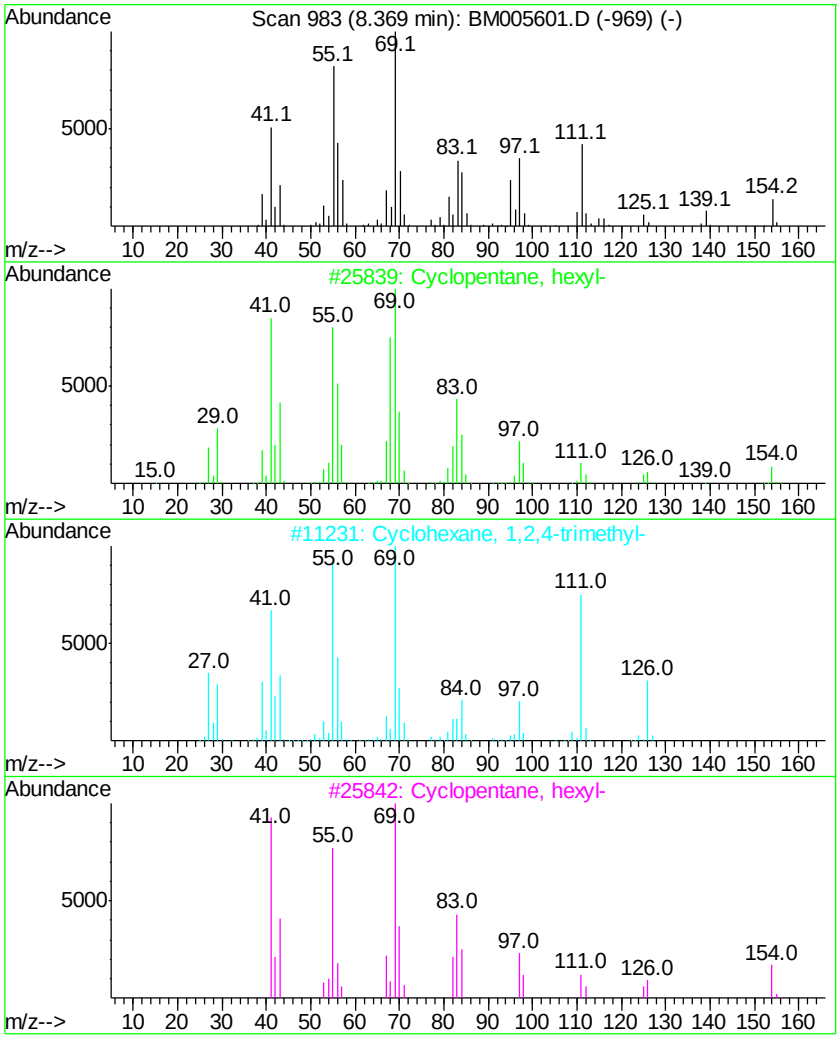
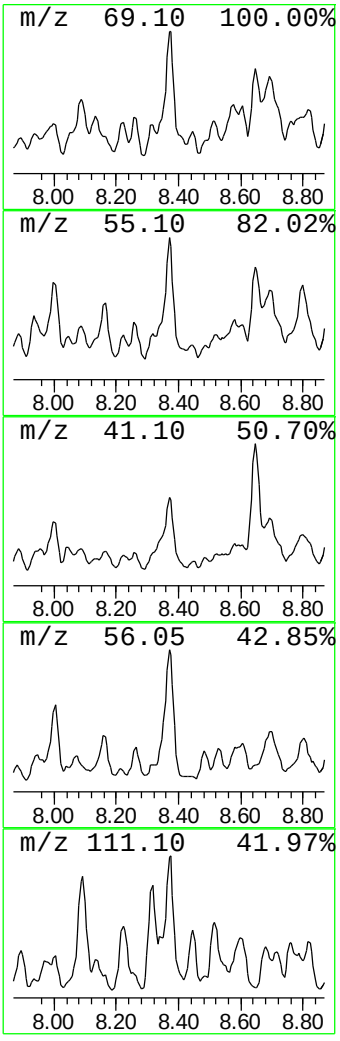
Peak Number 23 (DEL) Alkane: Cyclic8.37 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	17.27 ng/ul	2069350	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	76
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	64
4	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	52
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	49





Library Search Compound Report

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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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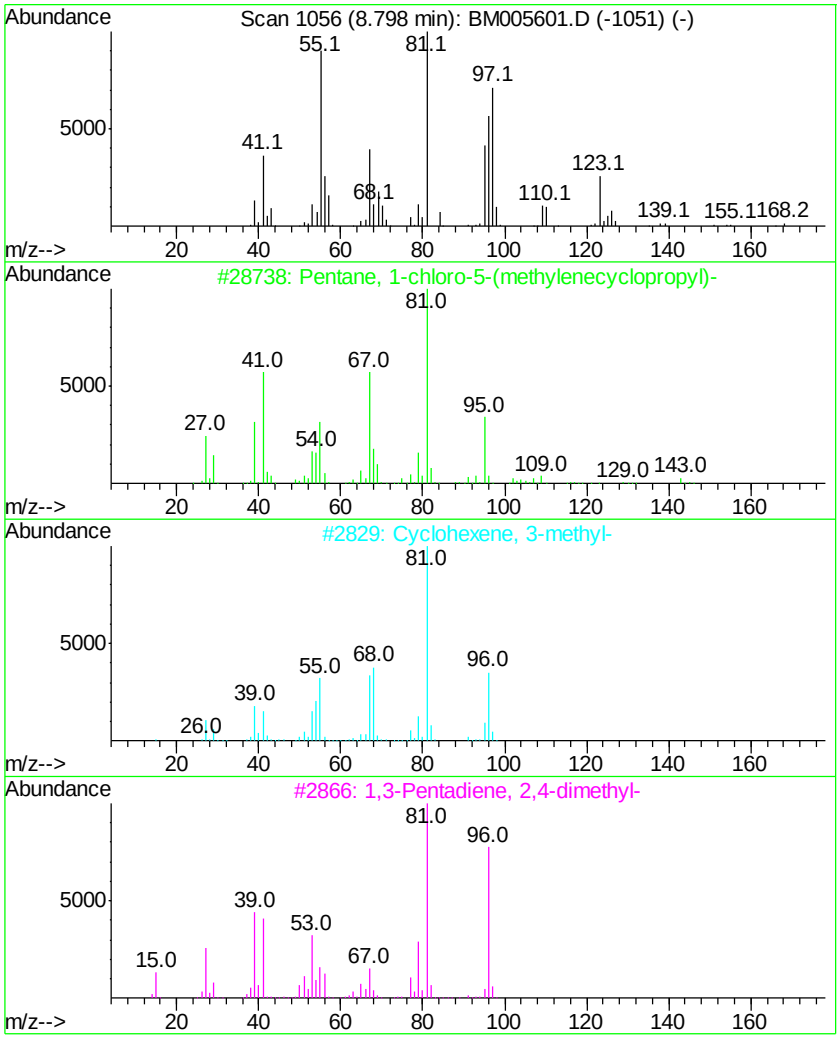
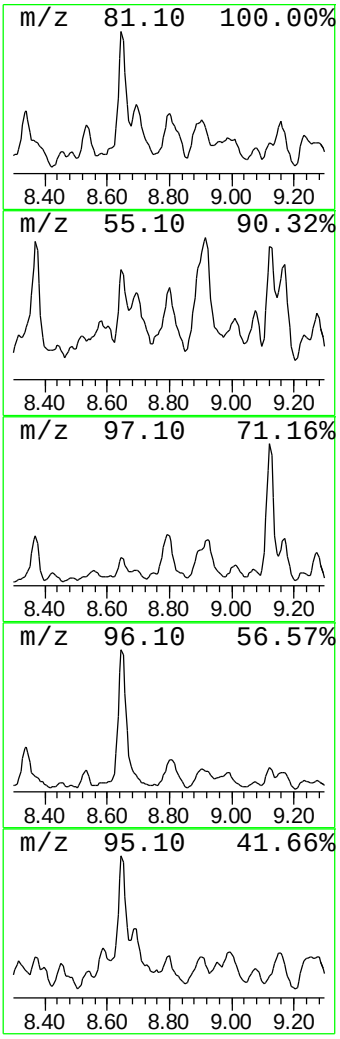
Peak Number 24 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	8.94 ng/ul	1070790	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1-chloro-5-(methylenecyclopropyl)-	158	C9H15Cl	1000158-49-0	43
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	35
3	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	35
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	35
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30





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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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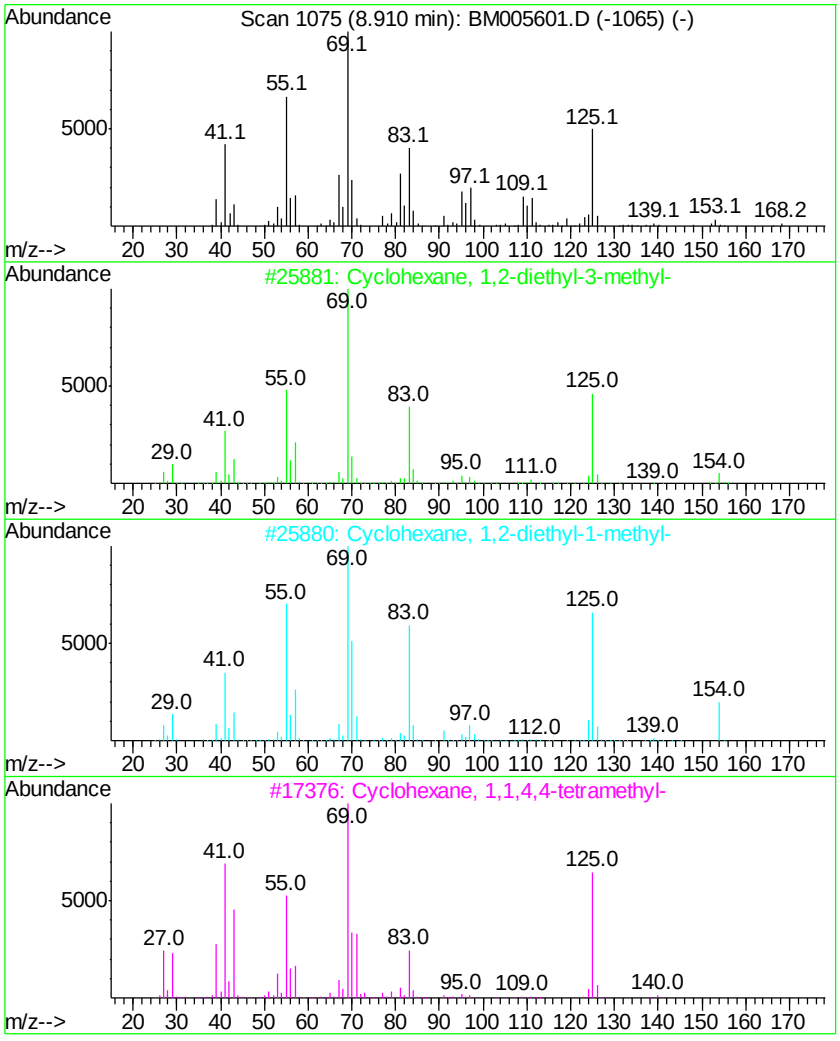
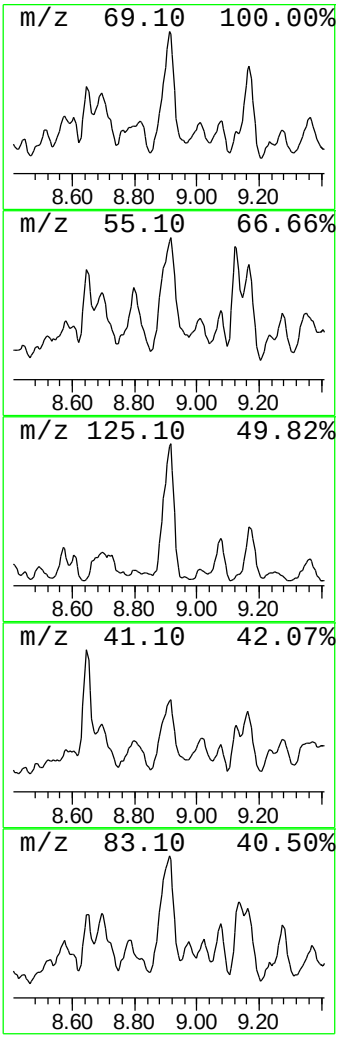
Peak Number 25 (DEL) Alkane: Cyclic8.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	19.63 ng/ul	2350930	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
2	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	50
3	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	47
4	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	47
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38





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Sample : H3124-02
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ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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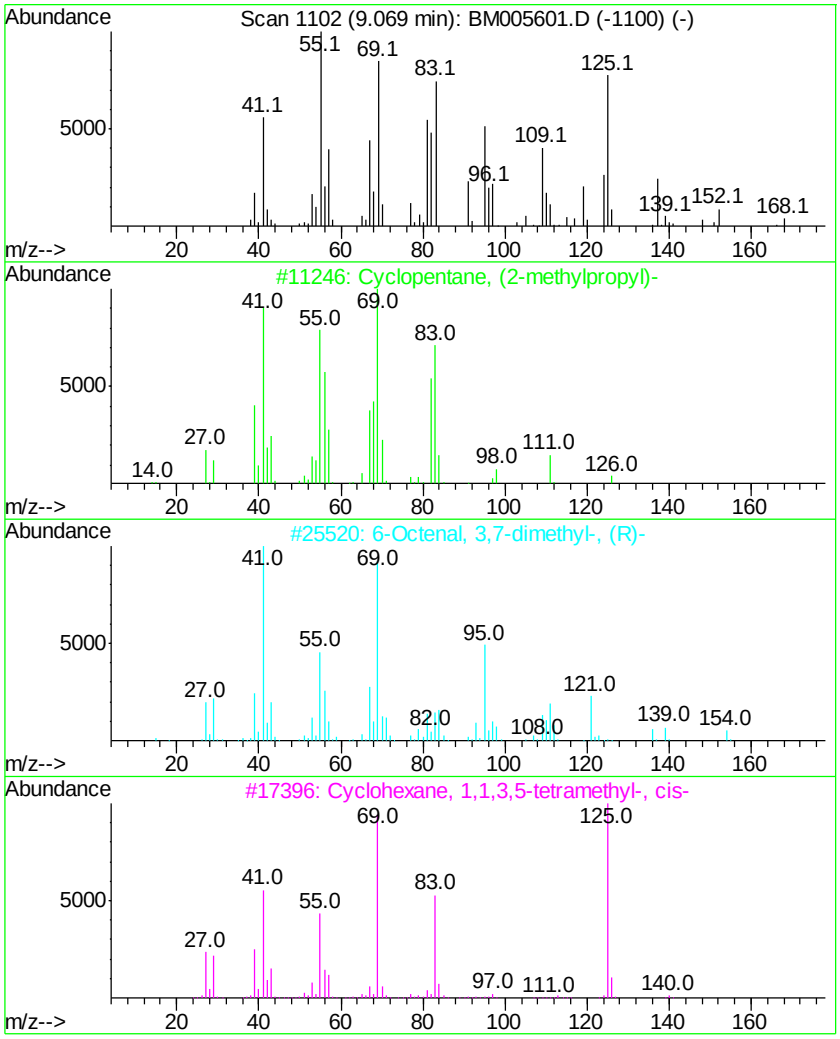
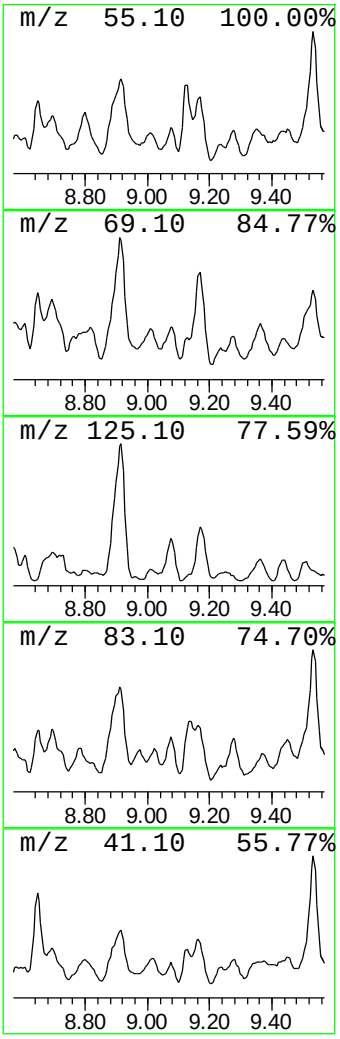
Peak Number 26 (DEL) Alkane: Cyclic9.07 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.33 ng/ul	399238	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
2	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	35
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	27





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Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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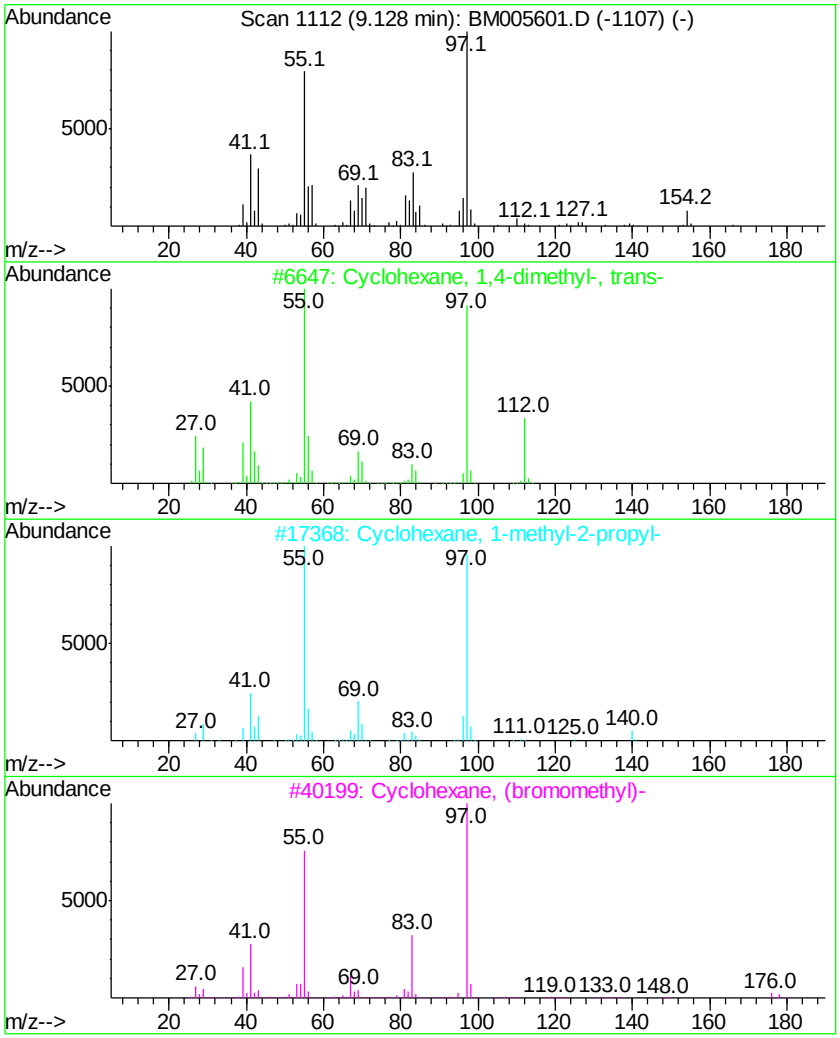
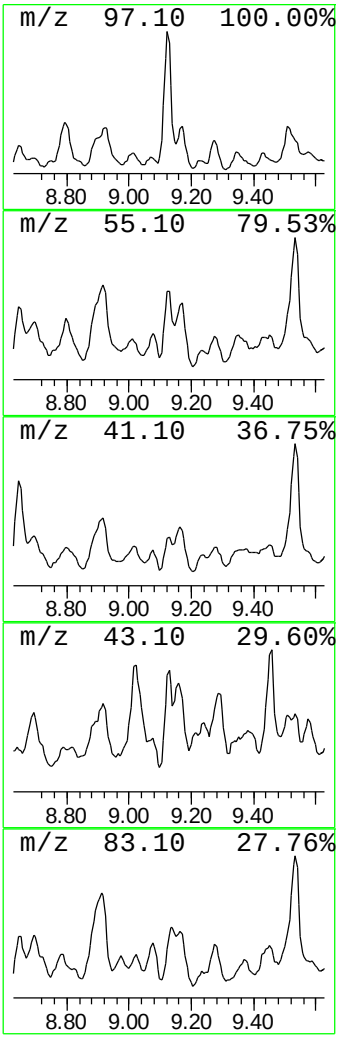
Peak Number 27 (DEL) Alkane: Cyclic9.13 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	6.30 ng/ul	754512	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
3	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	50
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
5	3-Hepten-2-one, (Z)-	112	C7H12O	069668-88-8	47





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Instrument : BNA_M
ClientSampleId : JHGF9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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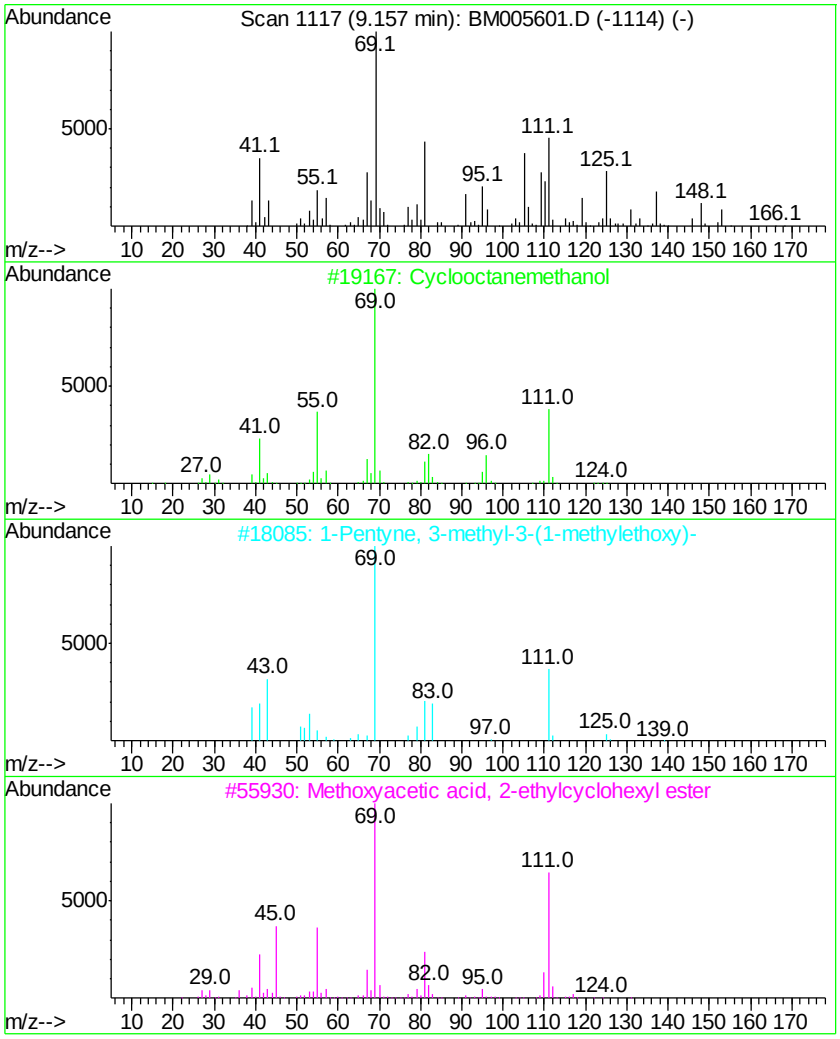
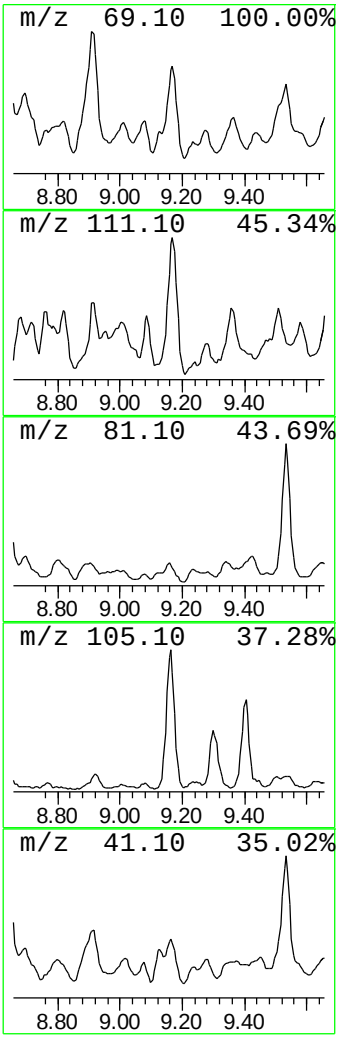
Peak Number 28 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	12.87 ng/ul	1541430	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctanemethanol	142	C9H18O	003637-63-6	43
2	1-Pentyne, 3-methyl-3-(1-methyle...	140	C9H16O	053966-55-5	43
3	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	43
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	37
5	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	37





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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

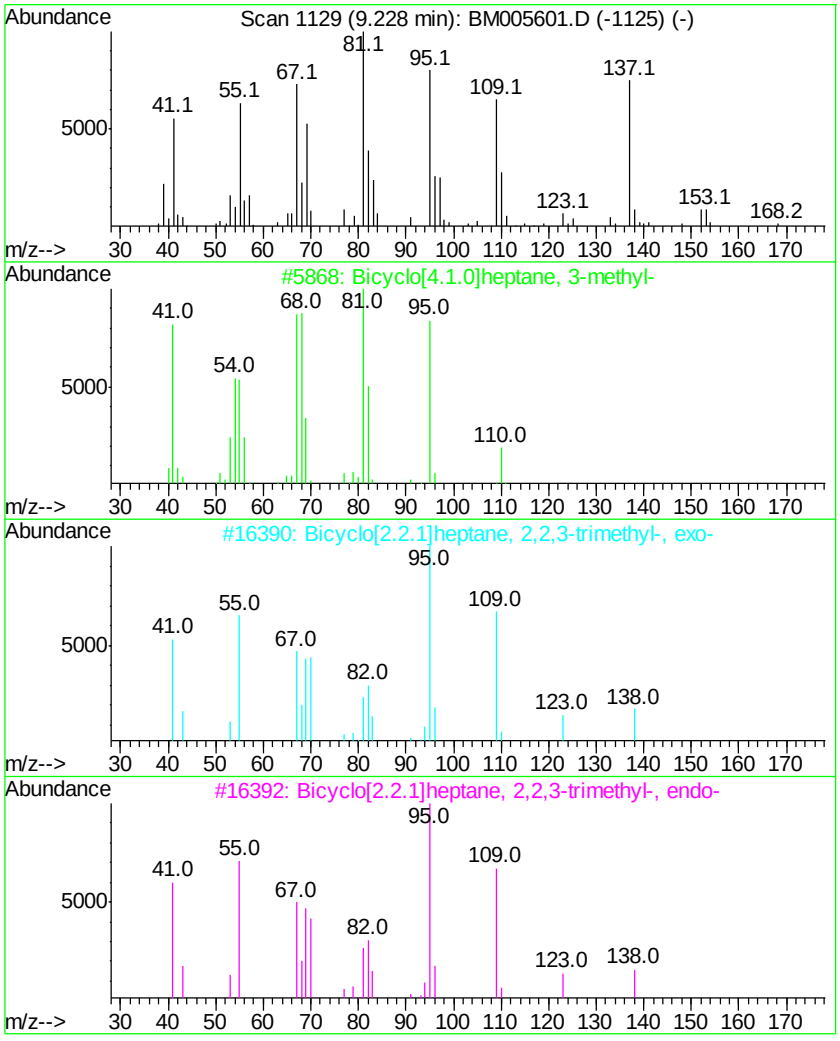
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

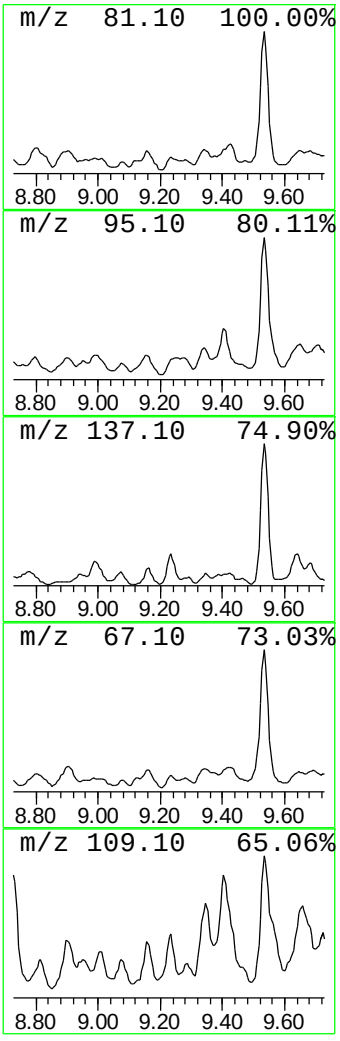
****

Peak Number 29 (DEL) Alkane: Branched9.23 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	3.13 ng/ul	493855	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	60
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	50
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	50
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	49
5	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	46





Data Path : Z:\HPCHEM1\BNA M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

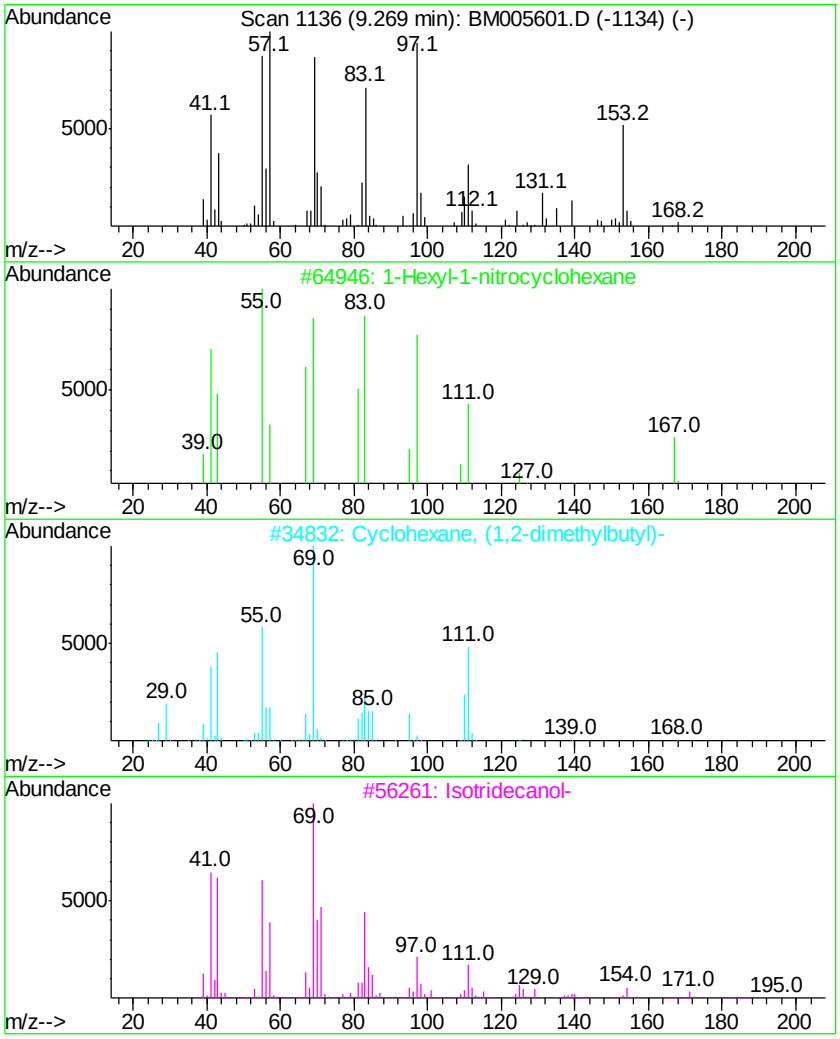
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

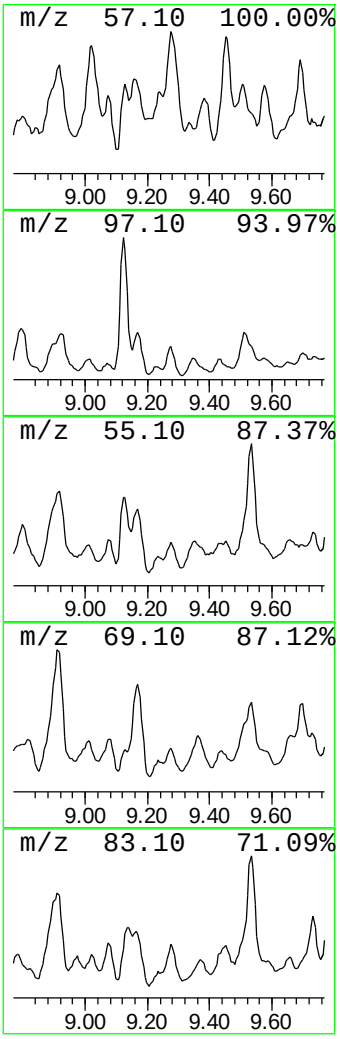
****

Peak Number 30 unknown-05 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.82 ng/ul	445107	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	47
2	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	25
3	Isotridecanol-	200	C13H28O	027458-92-0	22
4	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	18
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	18





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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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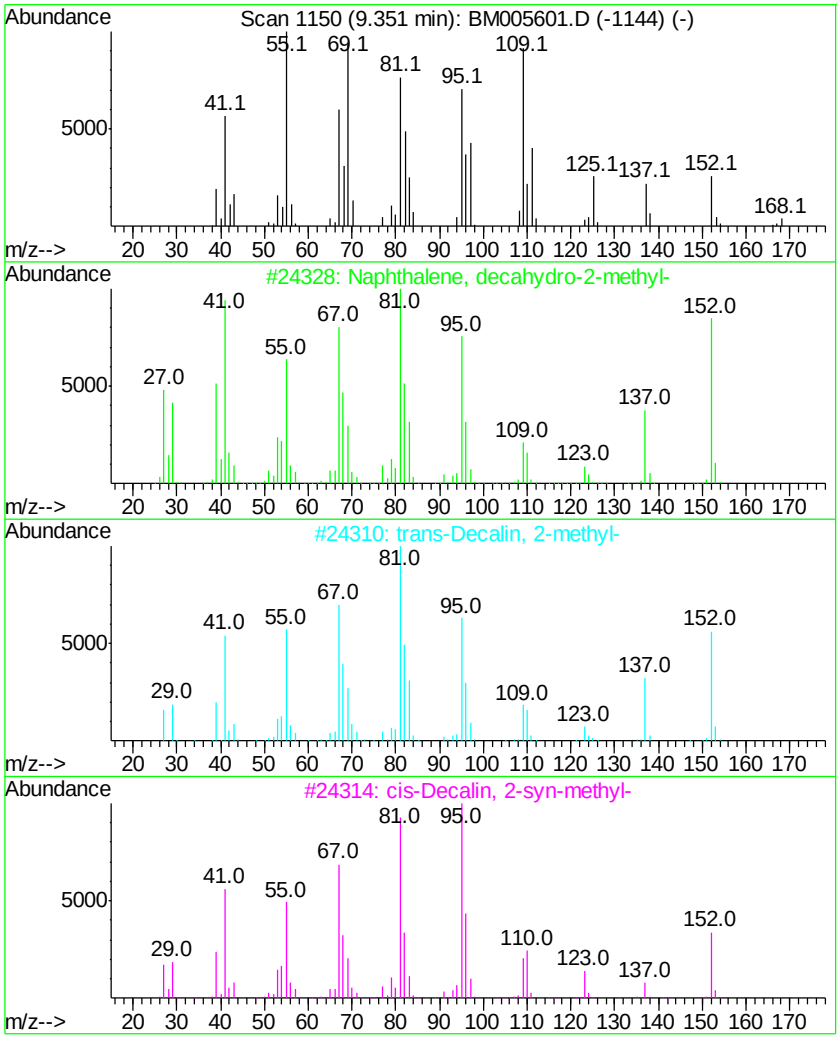
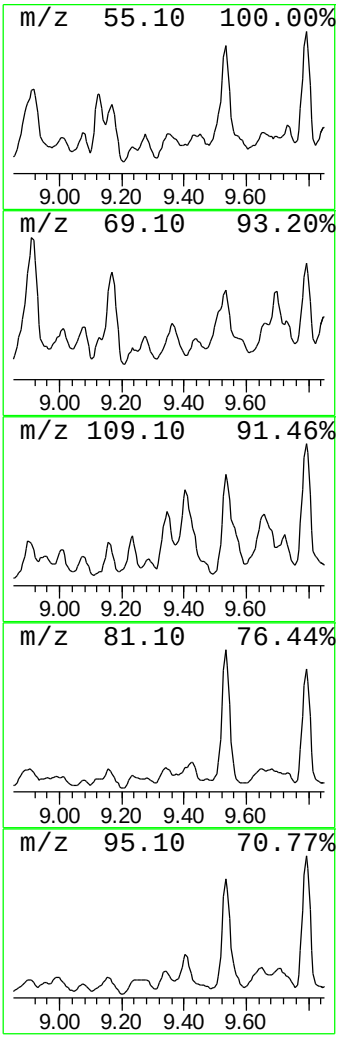
Peak Number 31 (DEL) Alkane: Branched9.35 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.49 ng/ul	550419	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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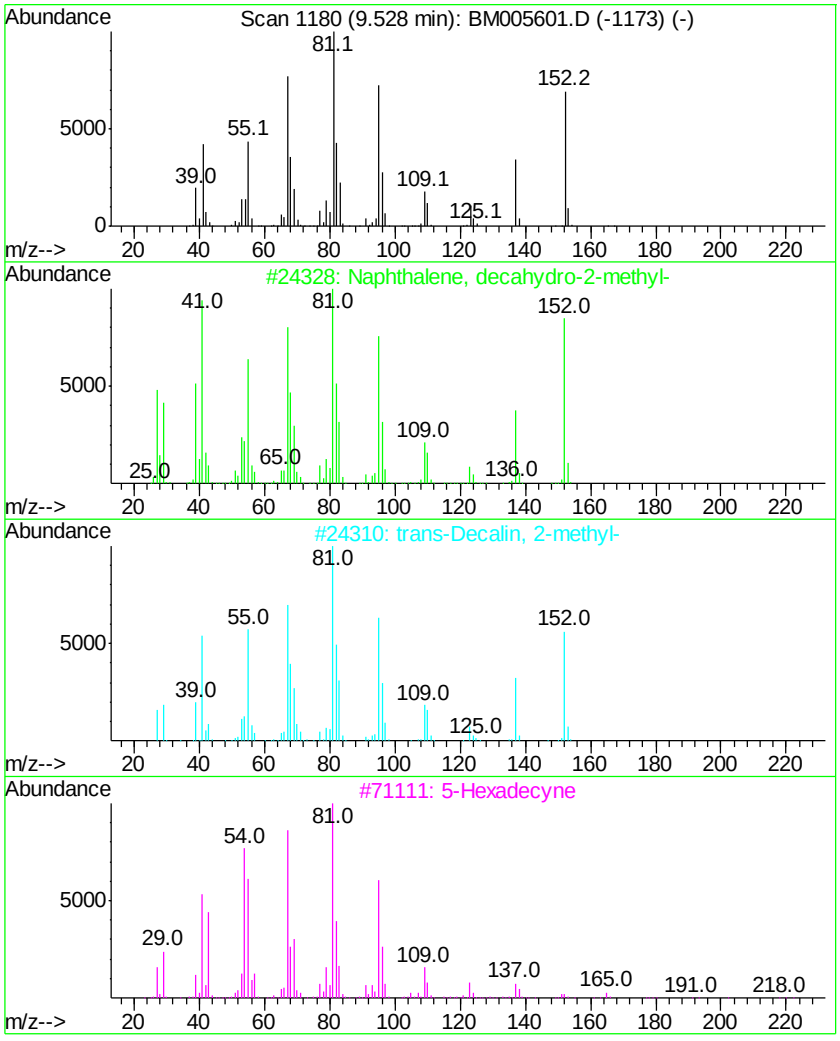
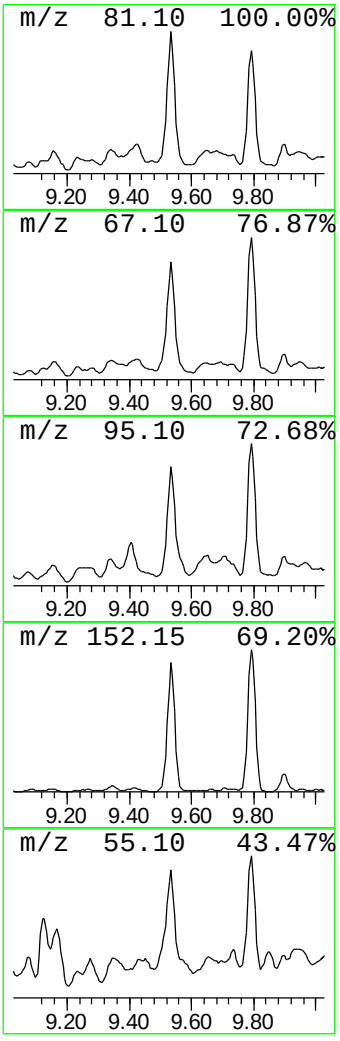
Peak Number 32 (DEL) Alkane: Branched9.53 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	28.20 ng/ul	4453170	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	5-Hexadecyne	222	C16H30	071899-37-1	80
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	74
5	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	70





Library Search Compound Report

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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

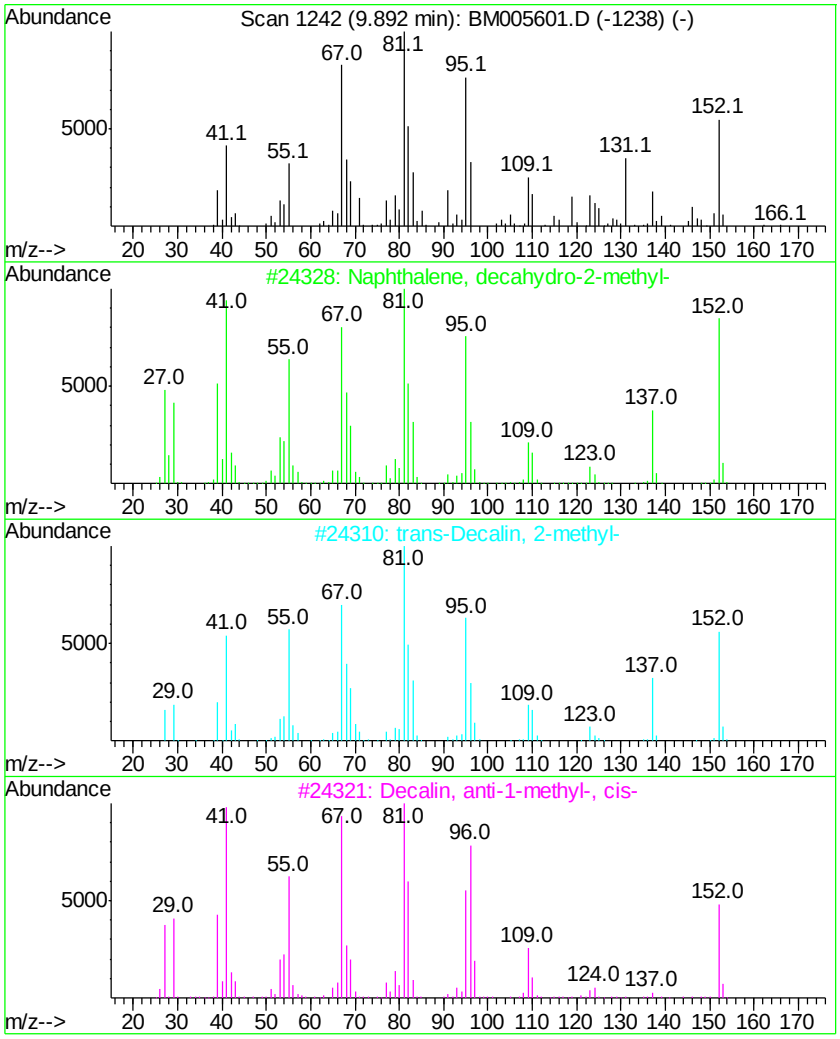
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

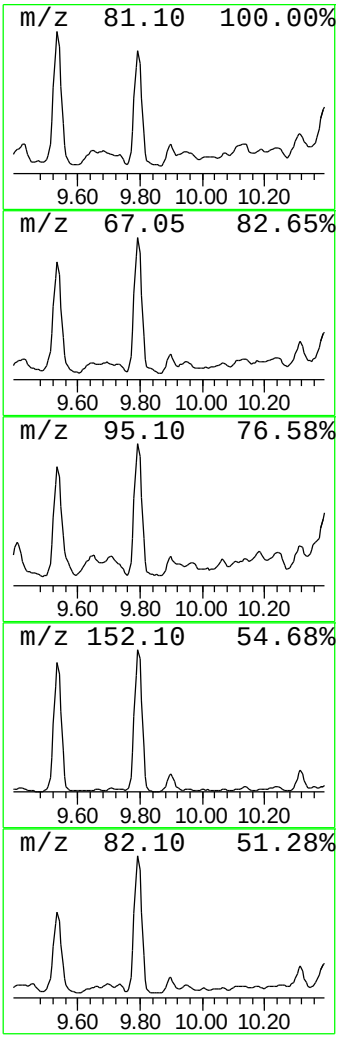
****

Peak Number 33 (DEL) Alkane: Branched9.89 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.66 ng/ul	577468	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	68
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

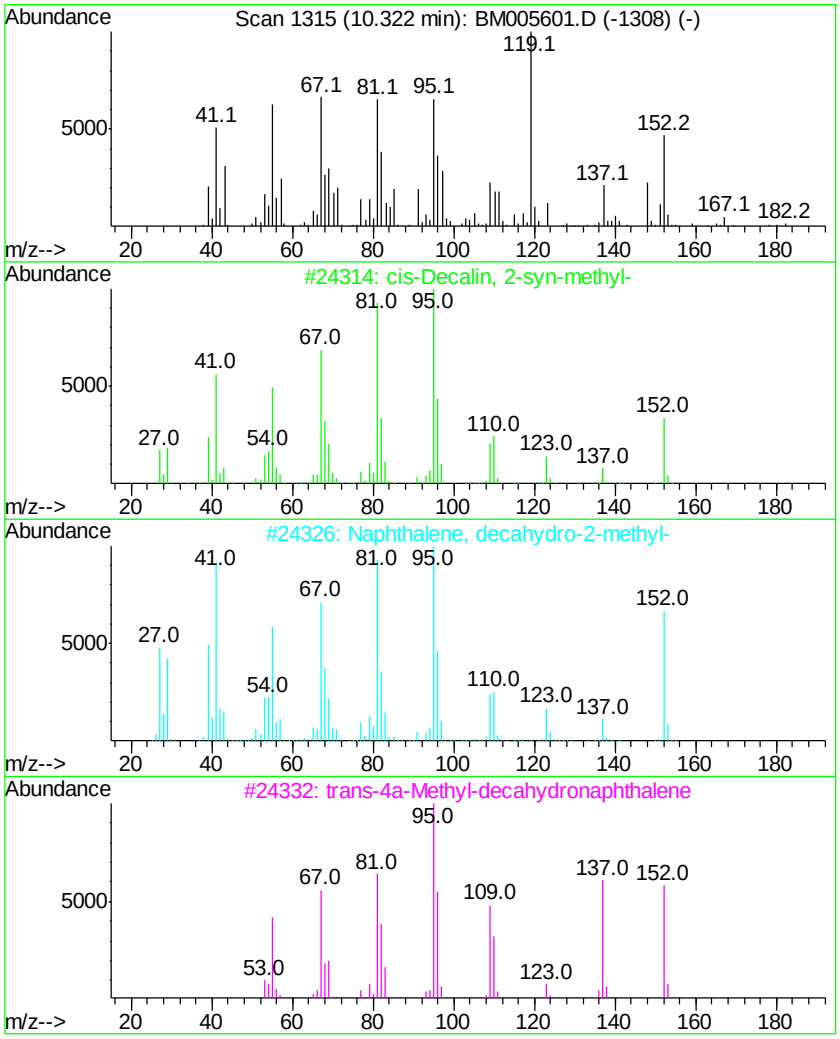
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

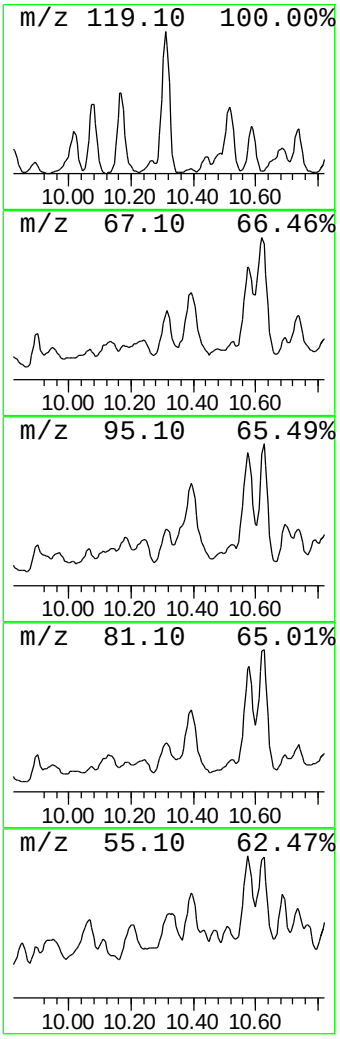
****

Peak Number 34 (DEL) Alkane: Branched10.32 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	8.36 ng/ul	1320410	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	55
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
4	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	46
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	46





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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

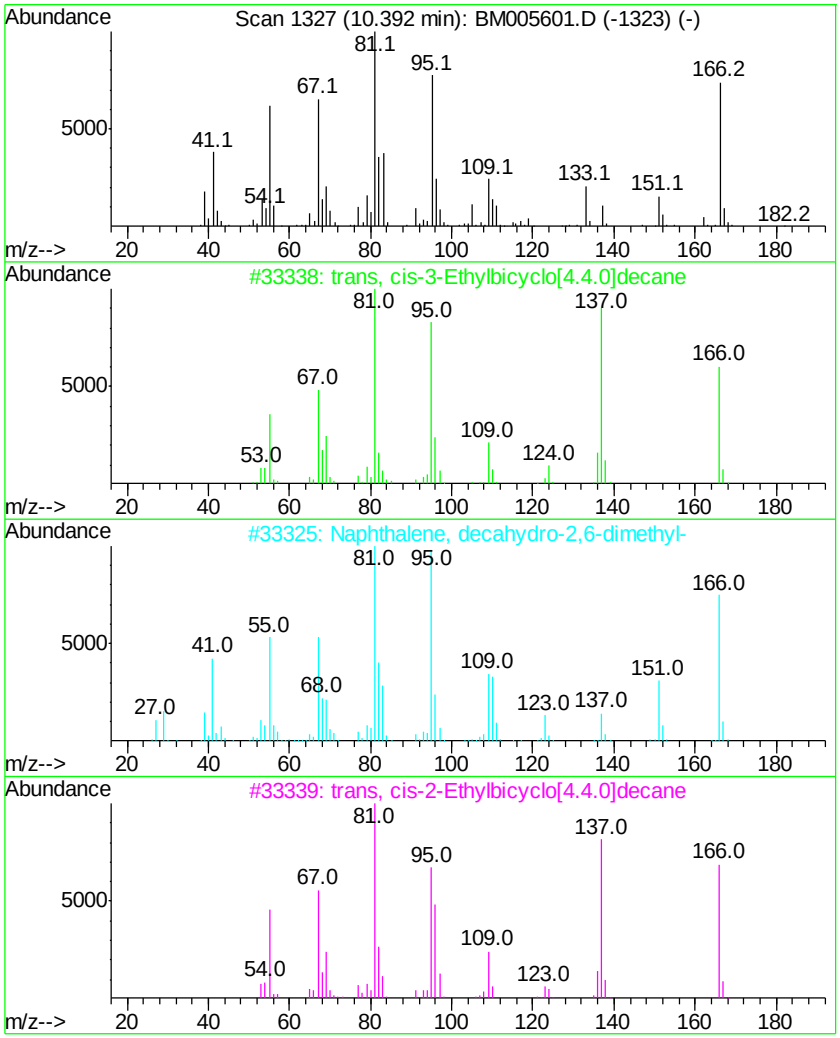
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

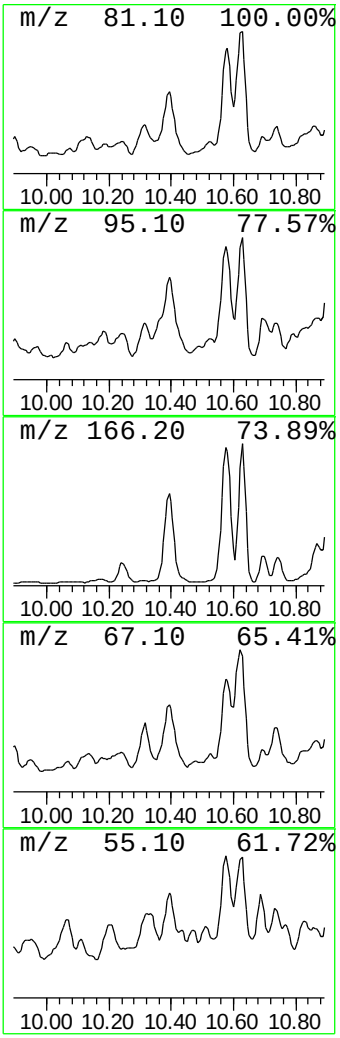
****

Peak Number 35 (DEL) Alkane: Branched10.39 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	11.67 ng/ul	1842560	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	90
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	86
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	72
4	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	72
5	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	52





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

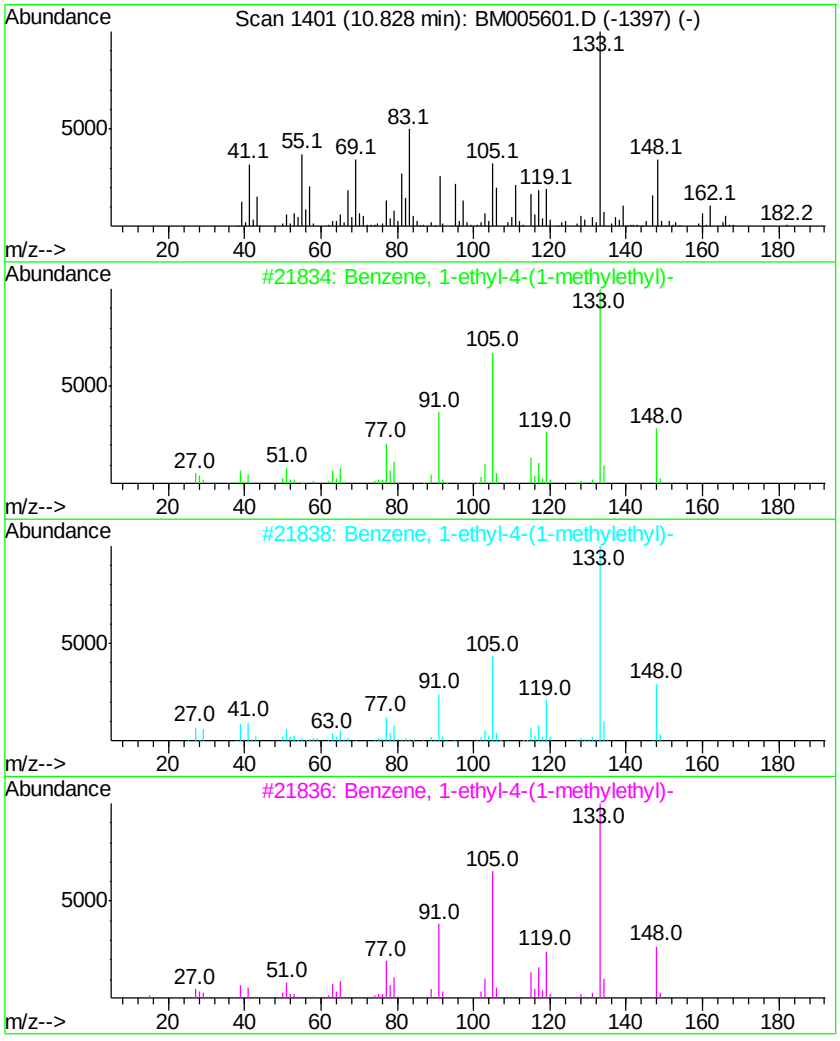
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

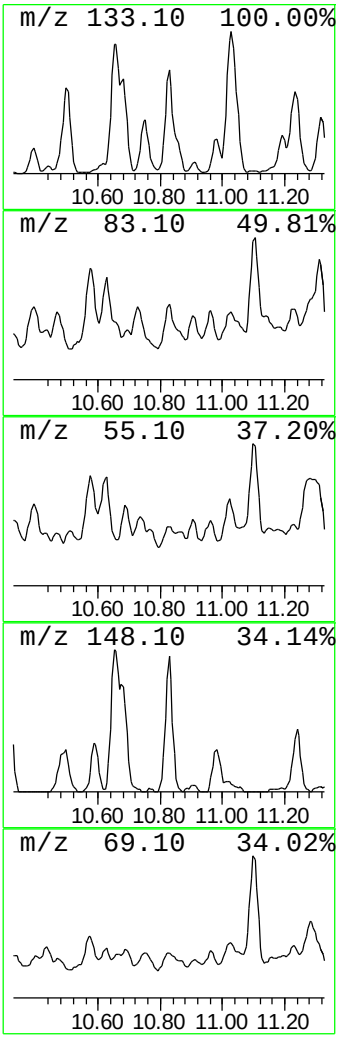
****

Peak Number 36 unknown-06 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	4.52 ng/ul	713314	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	41
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	41
5	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	30





Library Search Compound Report

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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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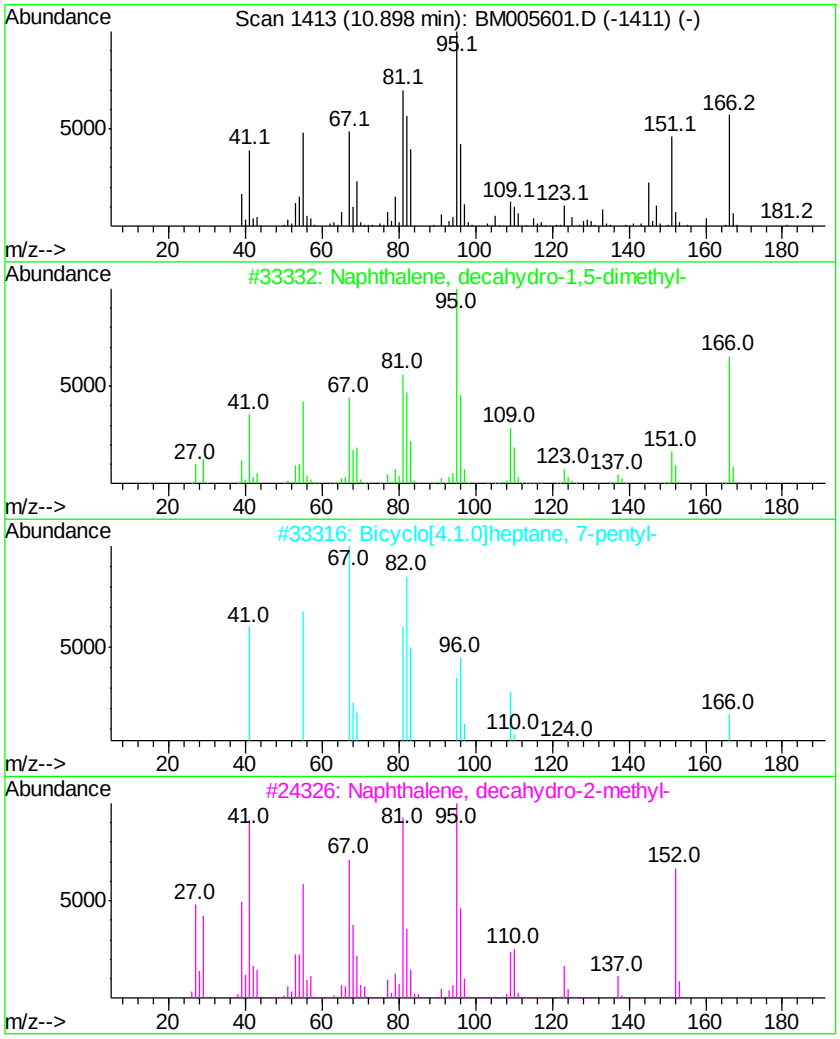
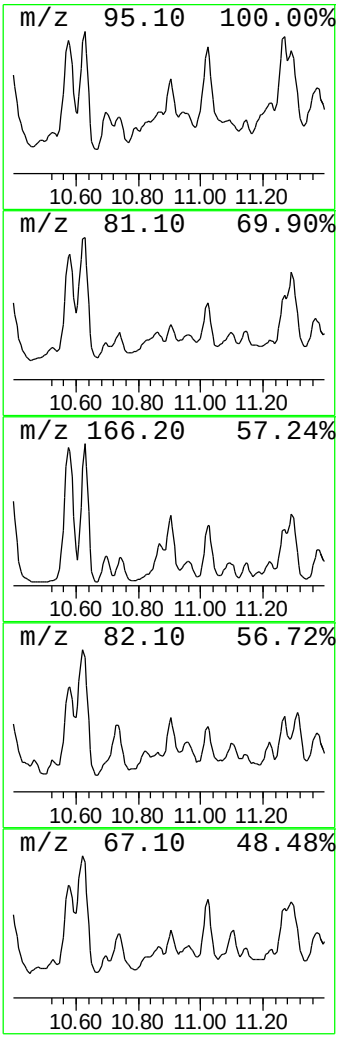
Peak Number 37 (DEL) Alkane: Branched10.90 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.59 ng/ul	567172	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	62
2	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	49
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	41
4	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	38
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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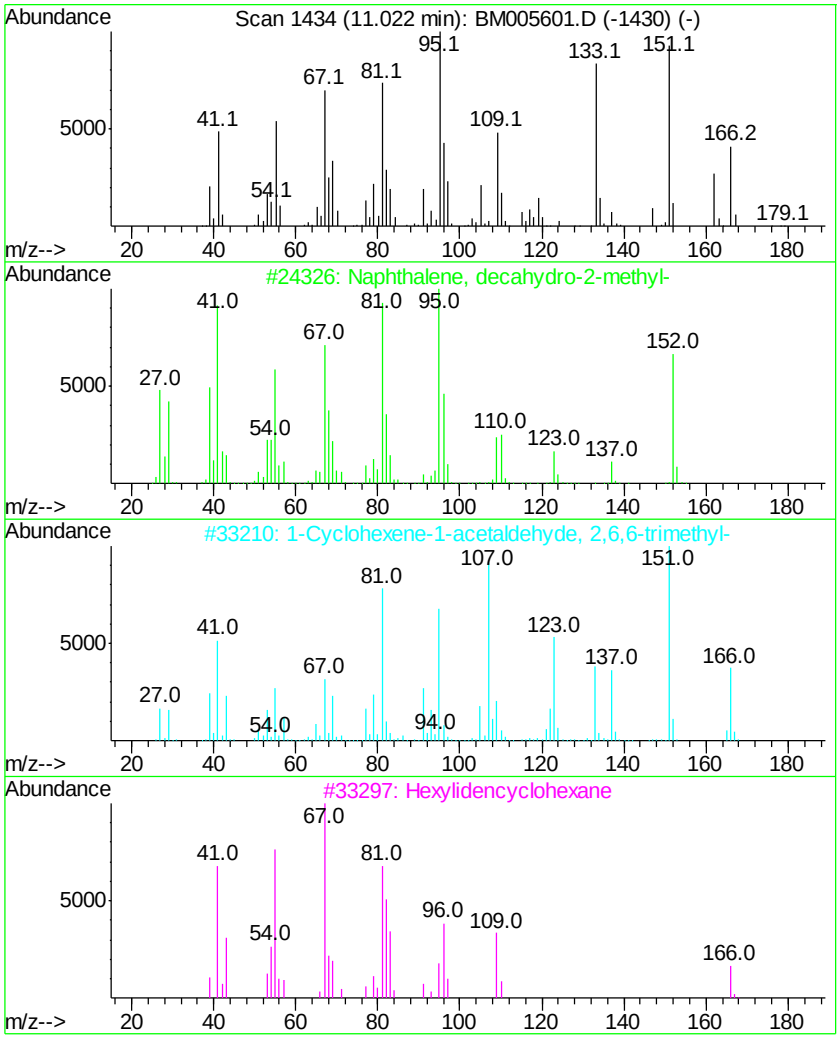
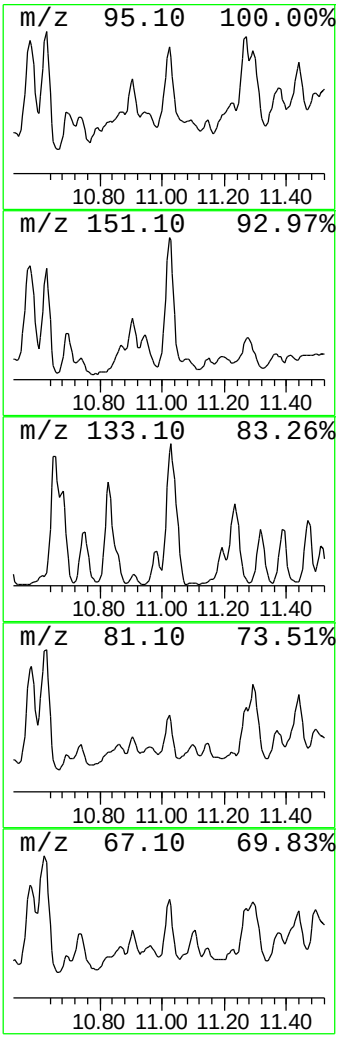
Peak Number 38 (DEL) Alkane: Branched11.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	9.88 ng/ul	1559930	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
2	1-Cyclohexene-1-acetaldehyde, 2,...	166	C11H18O	000472-66-2	46
3	Hexylidencyclohexane	166	C12H22	010201-62-4	45
4	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	43
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

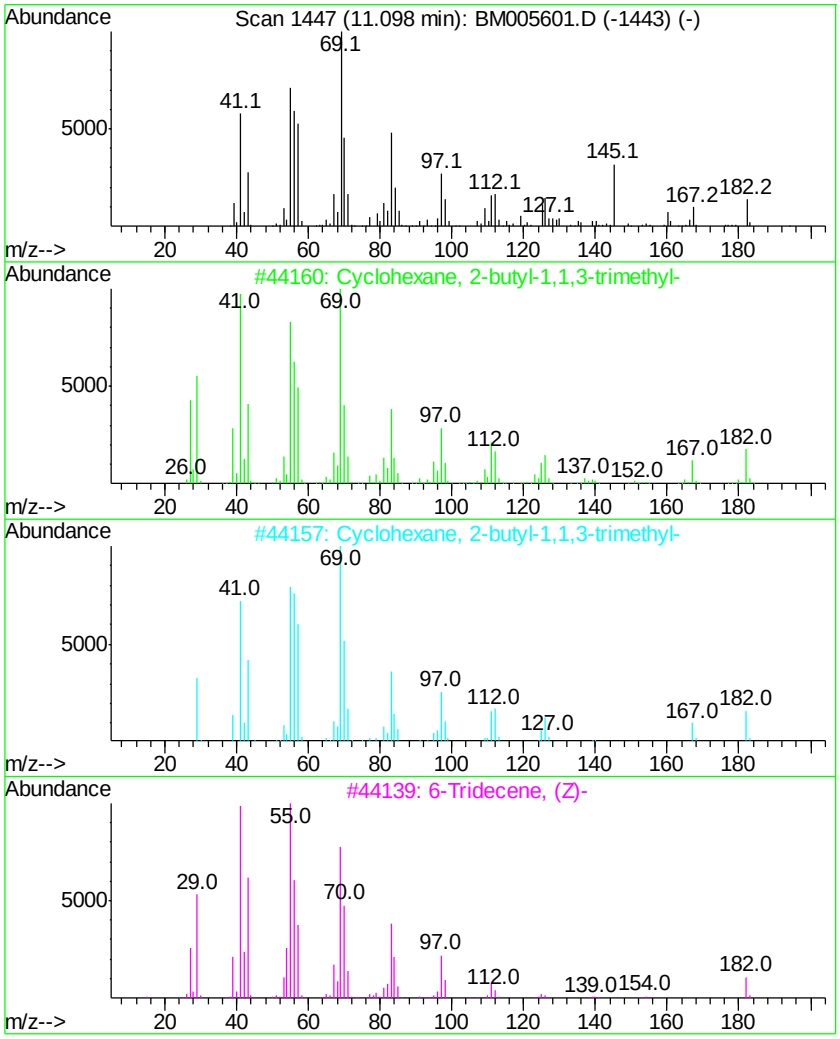
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

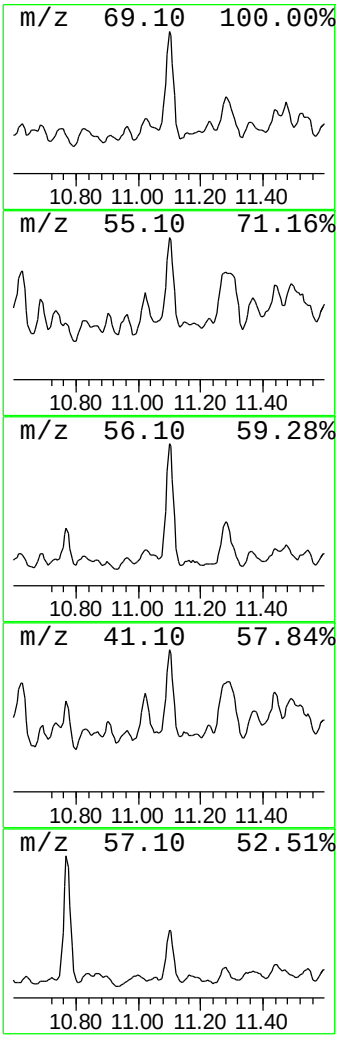
****

Peak Number 39 (DEL) Alkane: Cyclic11.10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	12.67 ng/ul	2000290	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	91
4	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	74





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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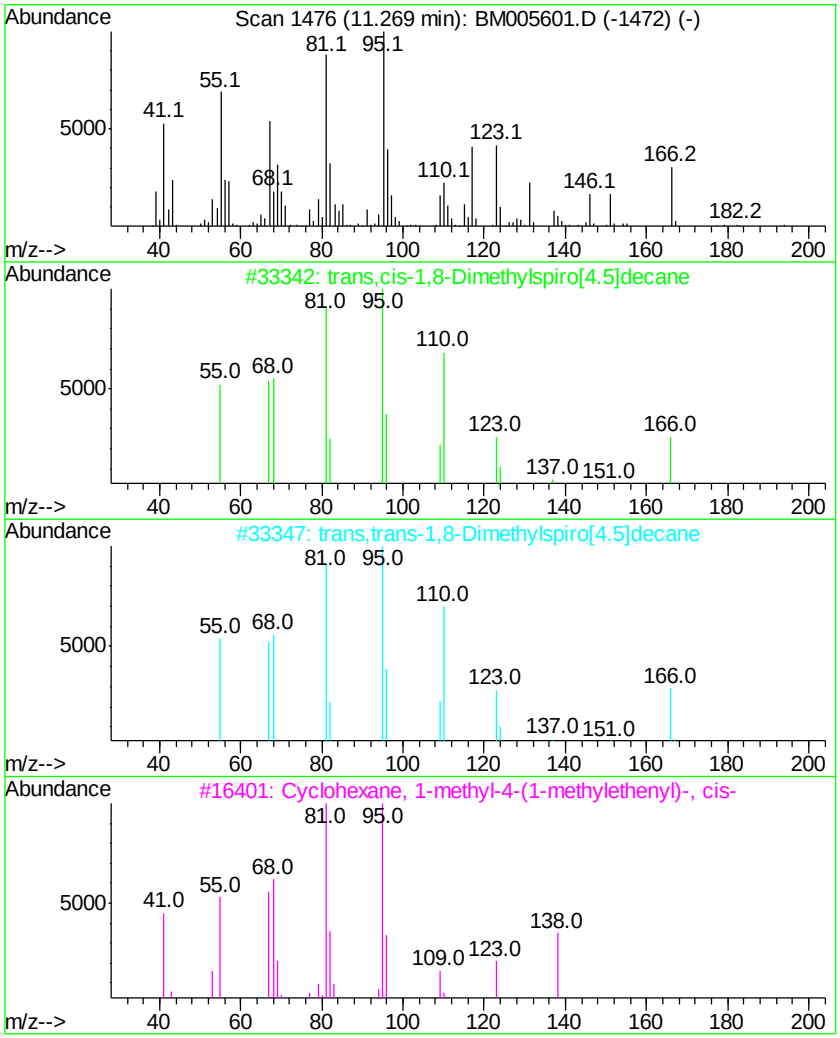
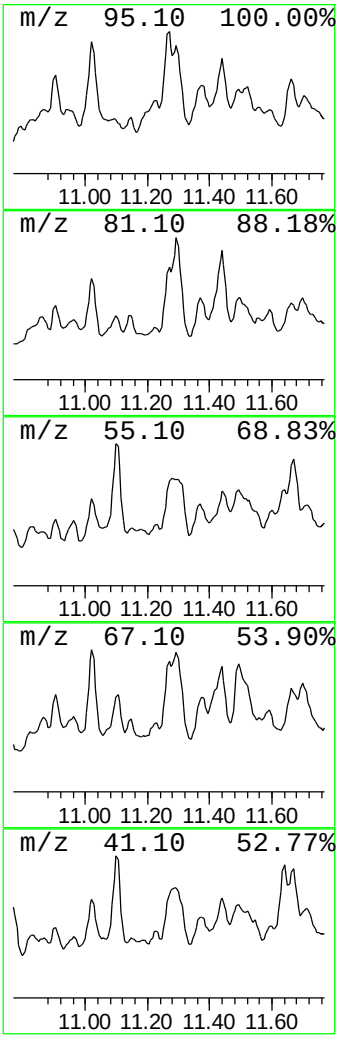
Peak Number 40 (DEL) Alkane: Branched11.27 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.24 ng/ul	985322	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	70
2	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	62
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	52
4	Spiro[3.5]nonan-1-one	138	C9H14O	029800-45-1	46
5	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	46





Library Search Compound Report

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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

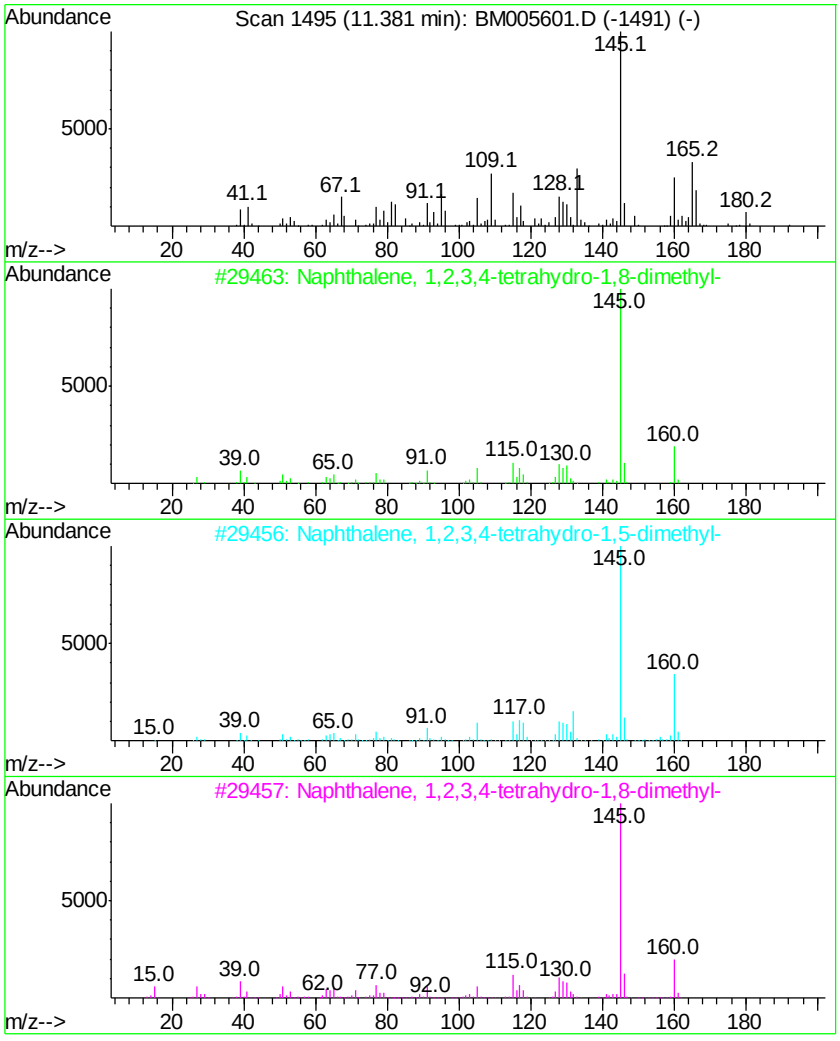
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

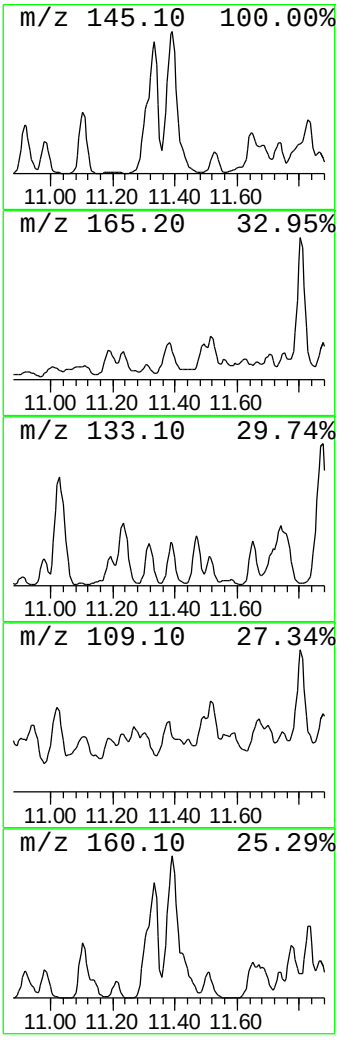
****

Peak Number 41 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	5.67 ng/ul	895396	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	83
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64





Library Search Compound Report

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Data File : BM005601.D
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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

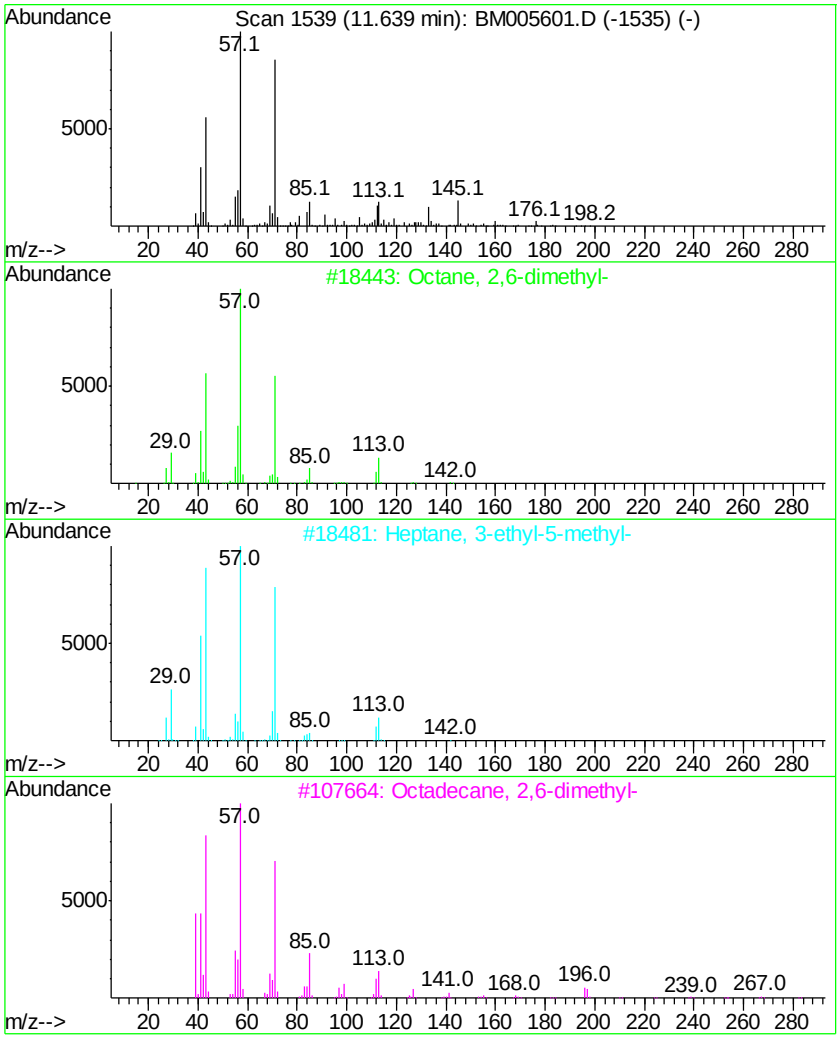
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

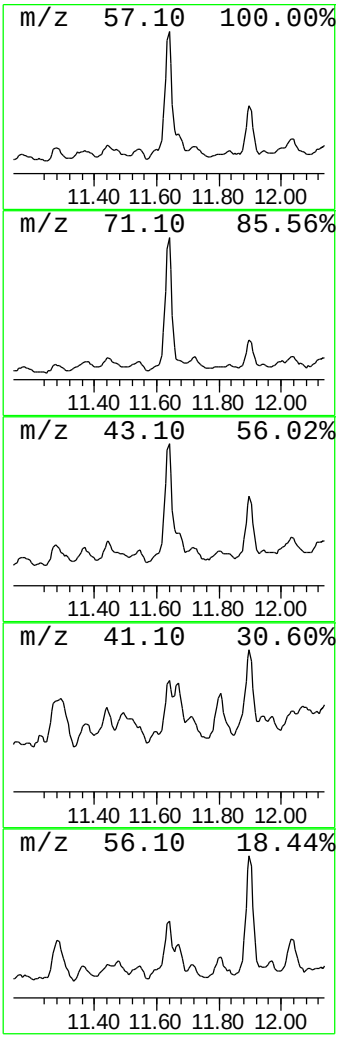
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	9.66 ng/ul	1525680	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	59
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58





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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

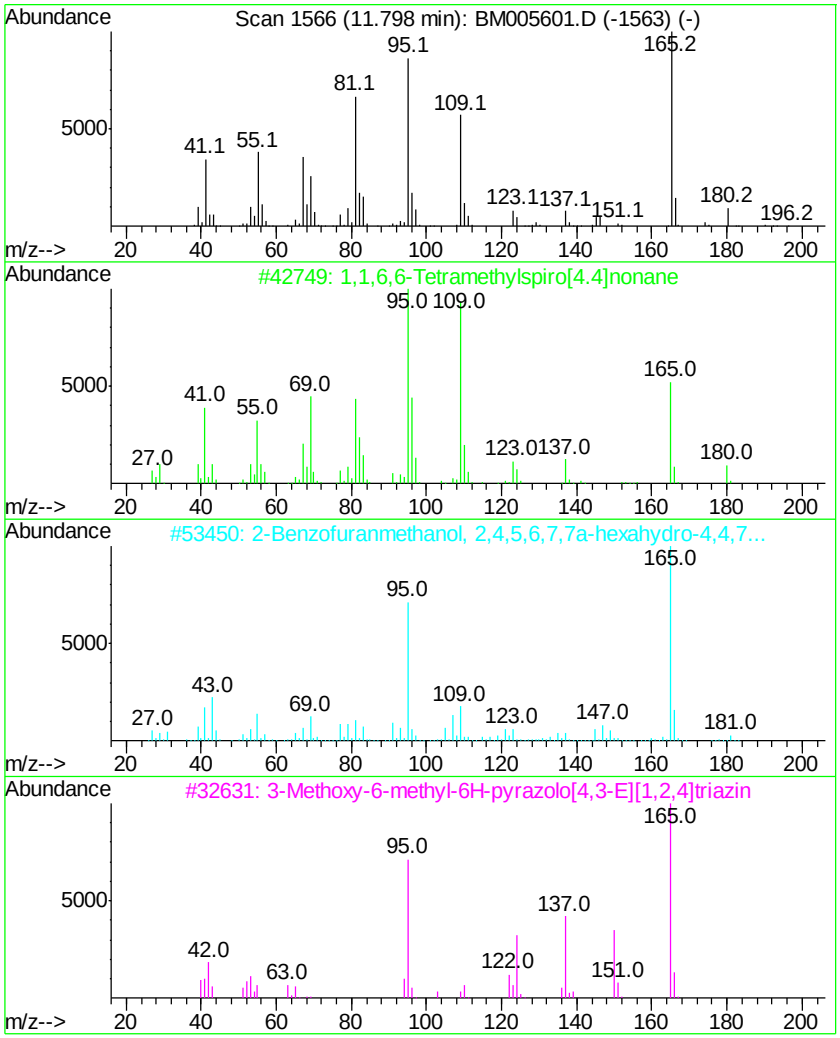
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

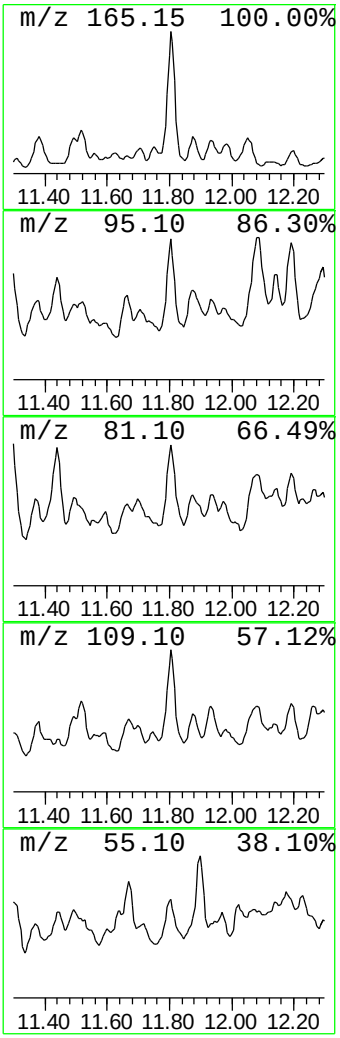
****

Peak Number 43 (DEL) Alkane: Branched11.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	10.80 ng/ul	1705460	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	64
2	2-Benzofuranmethanol, 2,4,5,6,7,...	196	C12H20O2	077384-15-7	53
3	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	50
4	trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	46
5	trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	46





Library Search Compound Report

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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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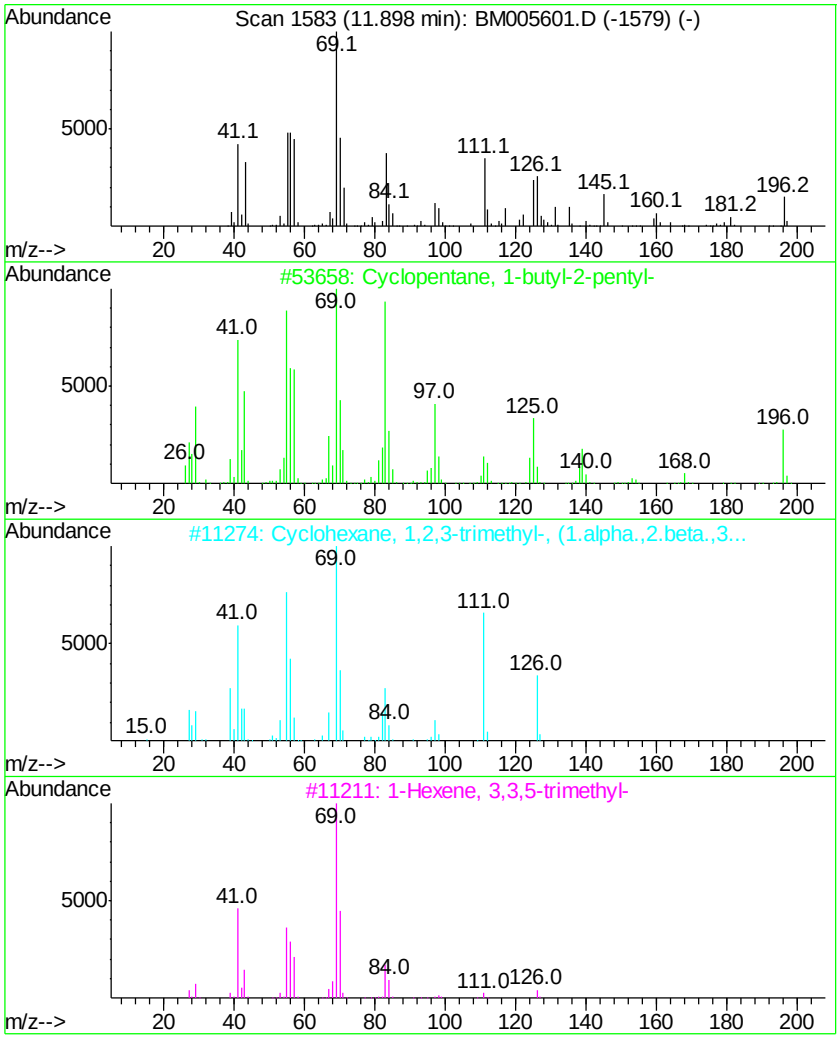
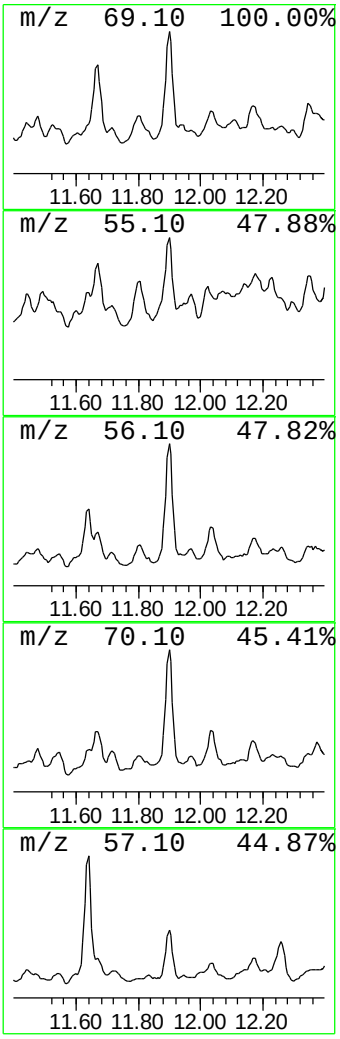
Peak Number 44 (DEL) Alkane: Cyclic11.90 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	13.34 ng/ul	2106900	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	59
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	47
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
4	2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	43
5	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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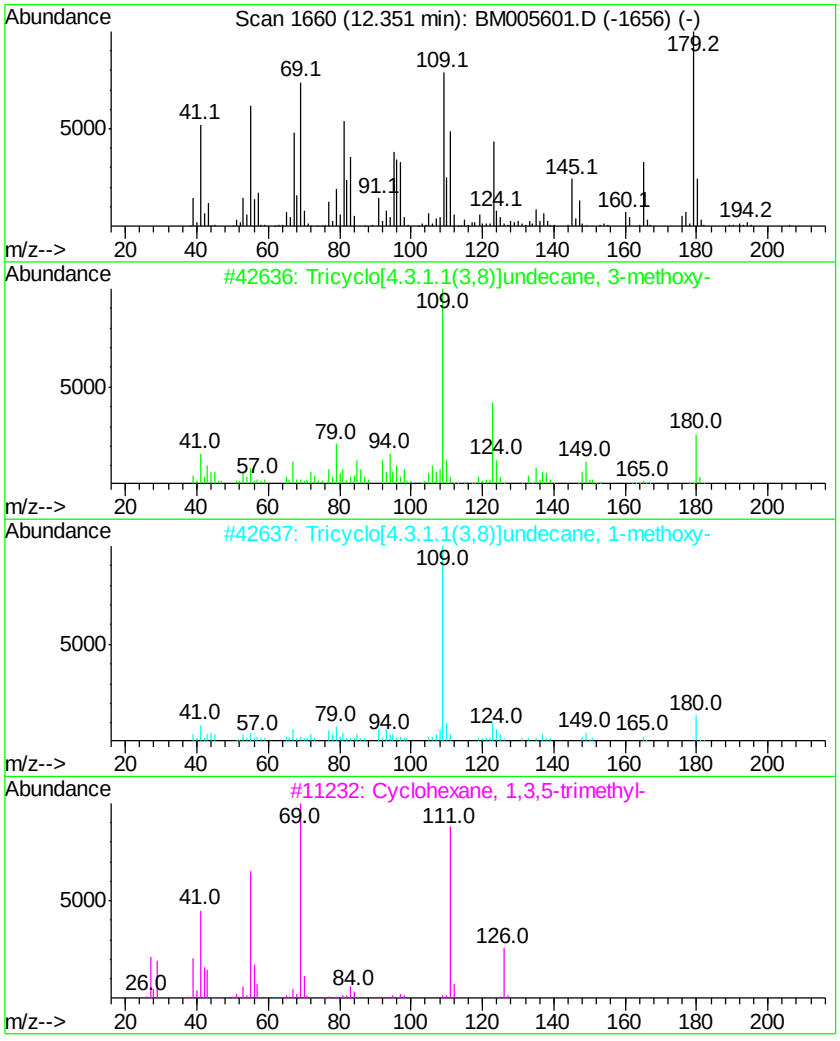
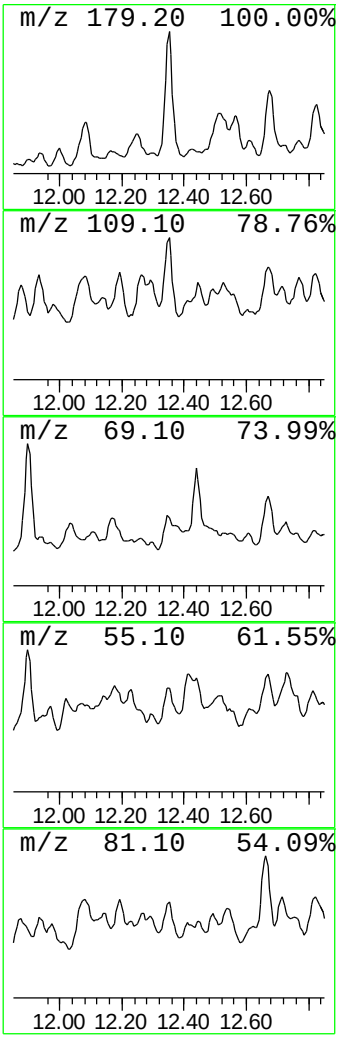
Peak Number 45 unknown-07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	12.48 ng/ul	1970670	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-92-0	22
2	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	18
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	14
4	3,5-Dimethyl-1-hexylpyrazole	180	C11H20N2	024475-41-0	14
5	Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	14





Library Search Compound Report

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Data File : BM005601.D
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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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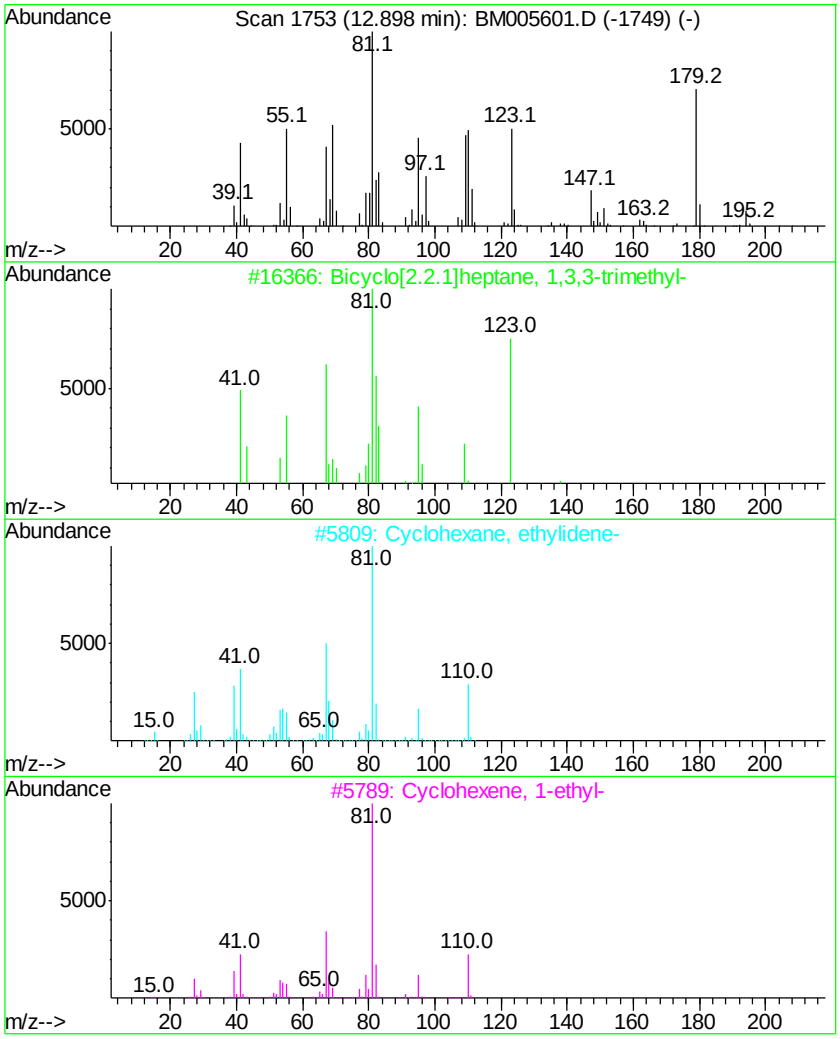
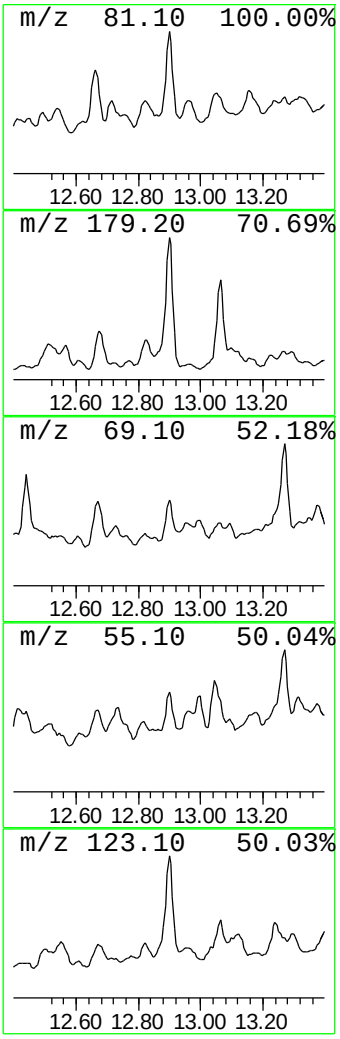
Peak Number 47 (DEL) Alkane: Branched12.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	32.13 ng/ul	2450000	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	49
2	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	37





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Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

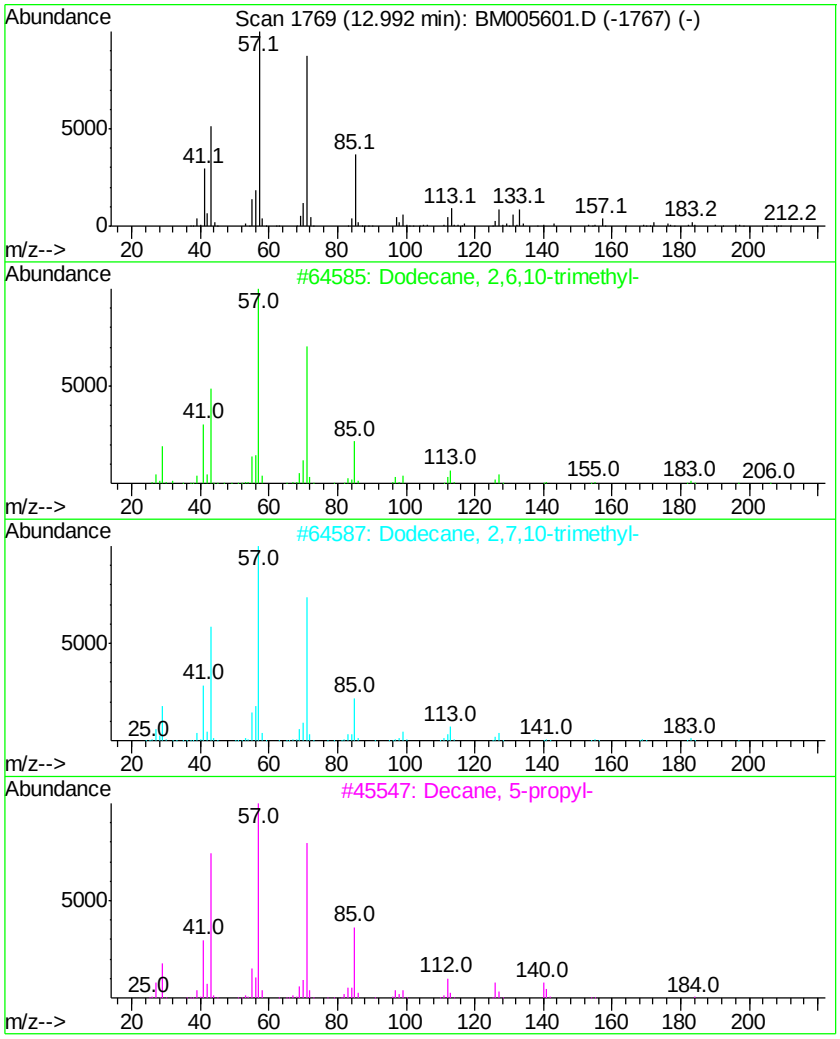
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

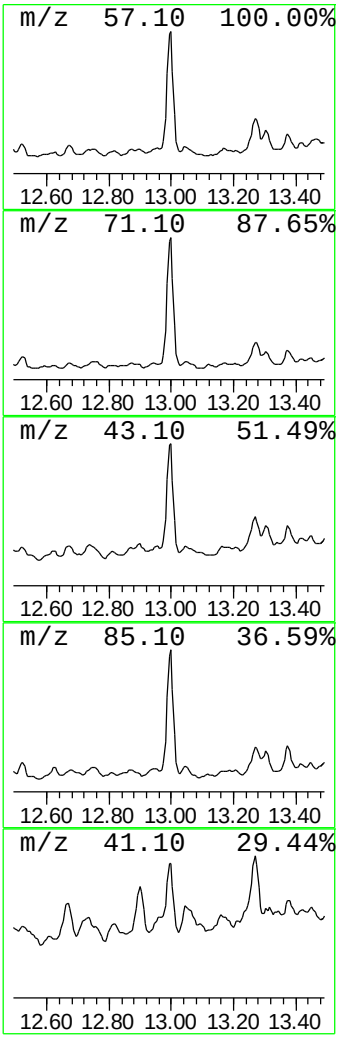
****

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	28.81 ng/ul	2196650	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Decane, 5-propyl-	184	C13H28	017312-62-8	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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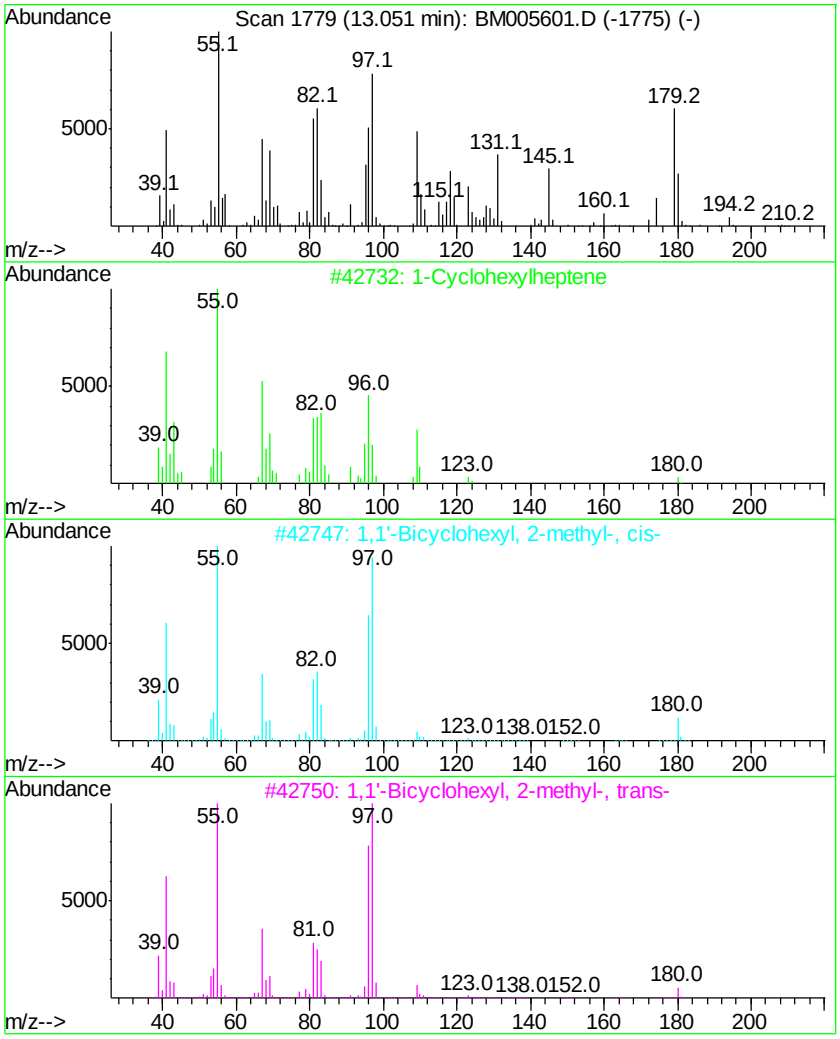
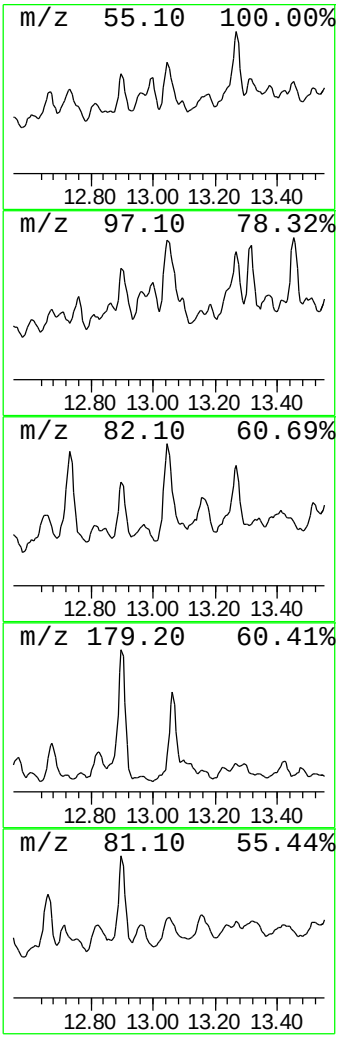
Peak Number 49 (DEL) Alkane: Branched13.05 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	18.51 ng/ul	1411200	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexylheptene	180	C13H24	114614-83-4	41
2	1,1'-Bicyclohexyl, 2-methyl-, cis-	180	C13H24	050991-08-7	27
3	1,1'-Bicyclohexyl, 2-methyl-, tr...	180	C13H24	050991-09-8	27
4	1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	22
5	1-(2-Methylpropenyl)aziridine	97	C6H11N	080839-93-6	22





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Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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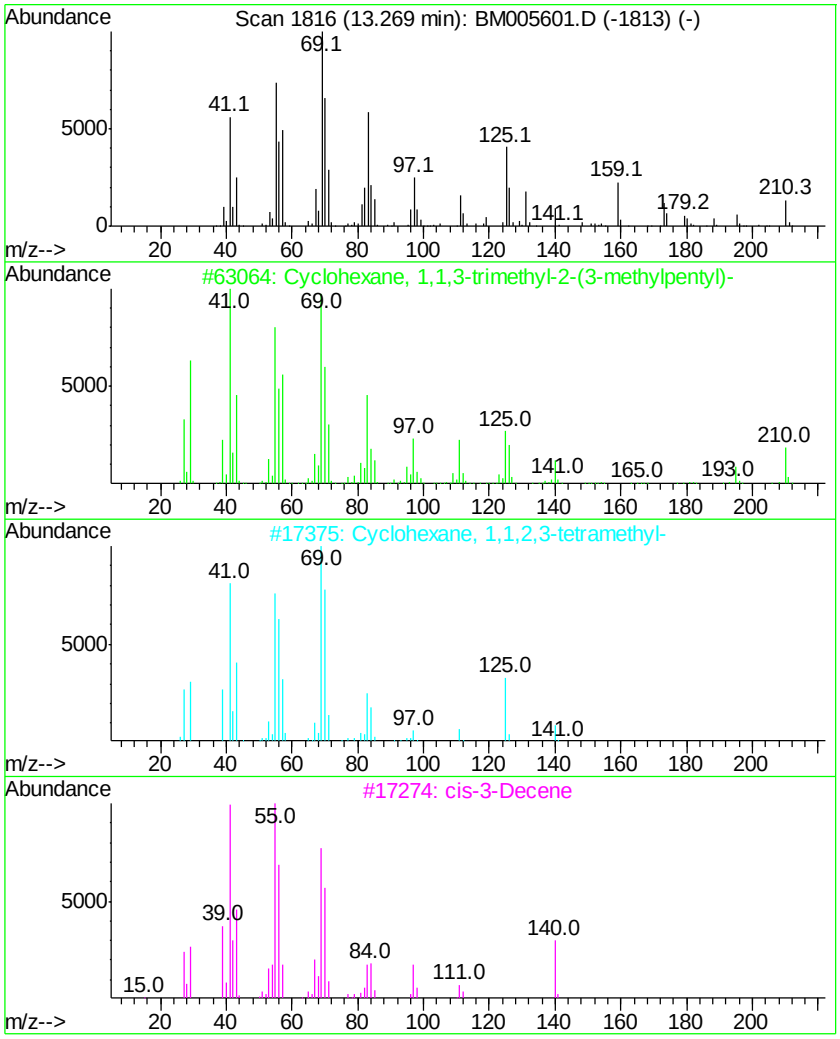
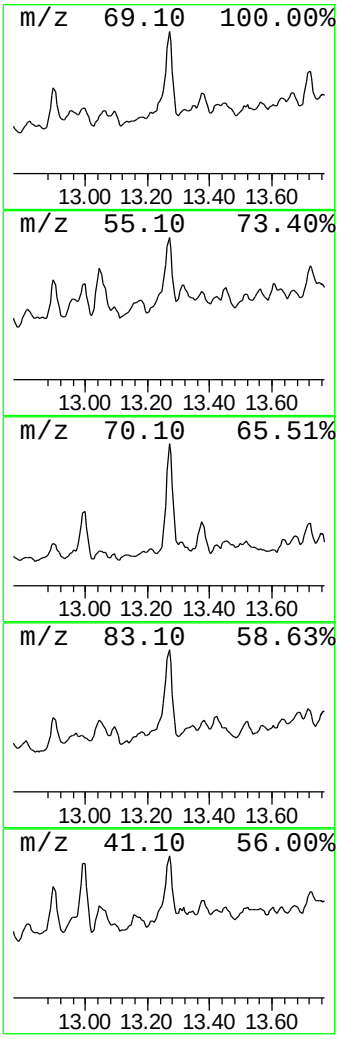
Peak Number 50 (DEL) Alkane: Cyclic13.27 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	27.33 ng/ul	2083900	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-2-(...	210	C15H30	054965-05-8	87
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	64
3	cis-3-Decene	140	C10H20	019398-86-8	60
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	58
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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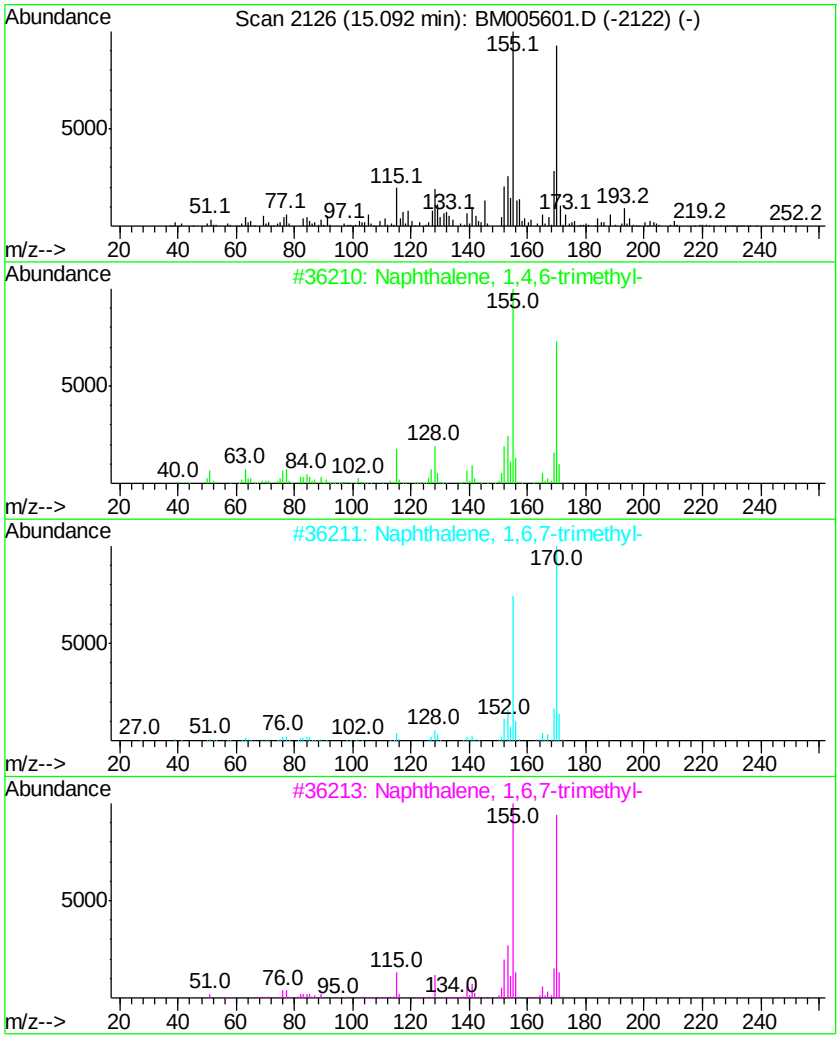
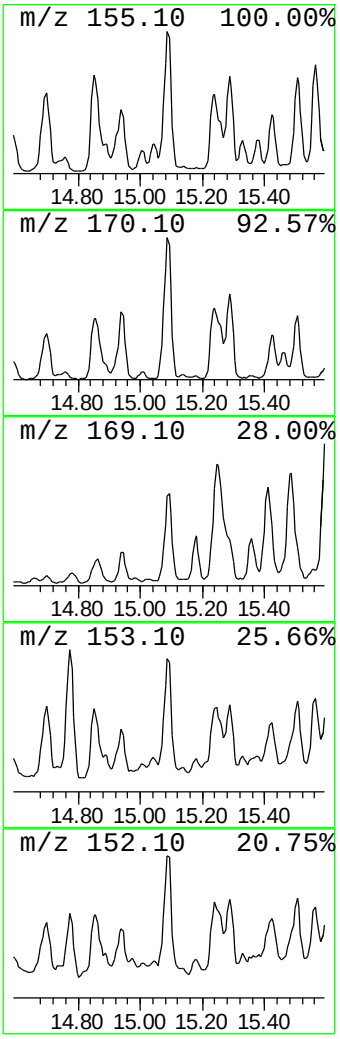
Peak Number 51 Naphthalene, 1,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	29.70 ng/ul	2264890	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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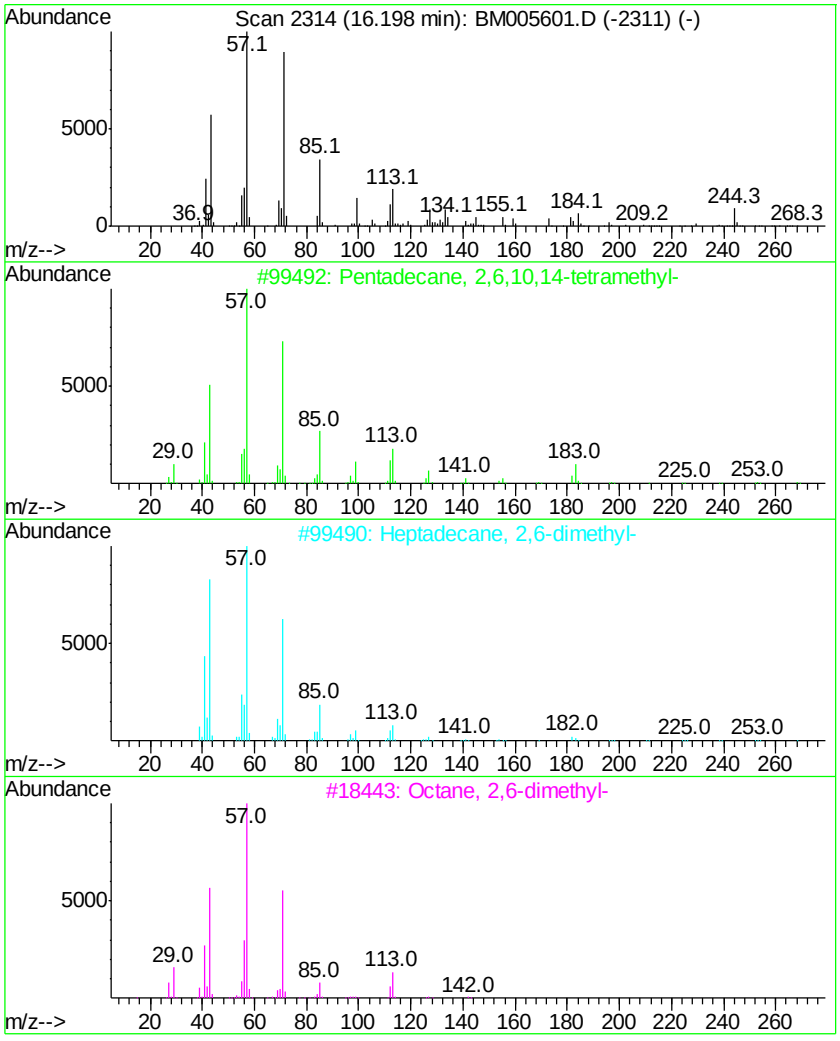
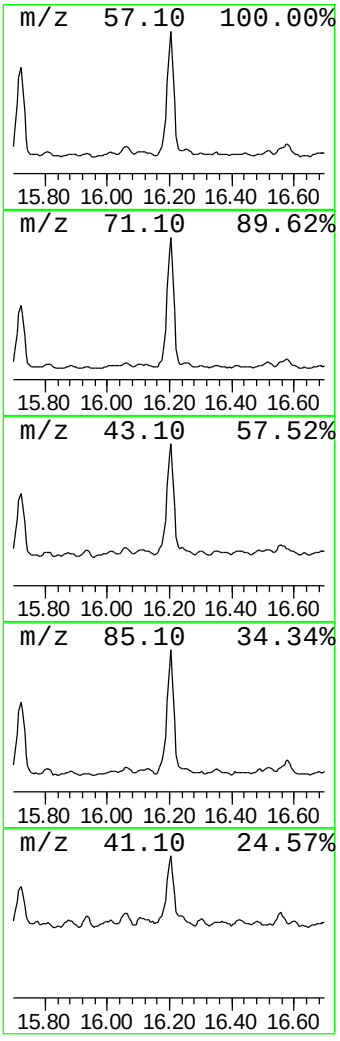
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	20.00 ng/ul	6546020	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052216\
Data File : BM005601.D
Acq On : 22 May 2016 23:53
Operator : UM/SJ
Sample : H3124-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGF9

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

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	5.26	2.5	ng/ul	297183	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	5.78	2.2	ng/ul	261763	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	5.92	2.1	ng/ul	249266	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	6.10	7.4	ng/ul	890403	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	6.32	5.9	ng/ul	709814	1	7.82	2395790	20.0
(DEL) Alkane: Str...	6.37	2.5	ng/ul	296586	1	7.82	2395790	20.0
(DEL) Alkane: Str...	6.42	4.1	ng/ul	494163	1	7.82	2395790	20.0
(DEL) Alkane: Str...	6.49	12.1	ng/ul	1450230	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	6.57	3.0	ng/ul	357188	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	6.63	3.3	ng/ul	395840	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	6.91	3.1	ng/ul	374089	1	7.82	2395790	20.0
2,4-Nonadienal, (...	7.10	2.9	ng/ul	341373	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	7.53	8.3	ng/ul	1000800	1	7.82	2395790	20.0
Cyclohexanol, 5-m...	7.63	3.6	ng/ul	436430	1	7.82	2395790	20.0
unknown-01	7.74	9.8	ng/ul	1171230	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	7.89	3.9	ng/ul	462377	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	7.95	5.2	ng/ul	625496	1	7.82	2395790	20.0
unknown-02	8.00	7.9	ng/ul	949737	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	8.05	2.8	ng/ul	337053	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	8.09	2.0	ng/ul	241443	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	8.16	2.5	ng/ul	301749	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	8.23	2.2	ng/ul	263848	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	8.37	17.3	ng/ul	2069350	1	7.82	2395790	20.0
unknown-03	8.80	8.9	ng/ul	1070790	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	8.91	19.6	ng/ul	2350930	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	9.07	3.3	ng/ul	399238	1	7.82	2395790	20.0
(DEL) Alkane: Cyc...	9.13	6.3	ng/ul	754512	1	7.82	2395790	20.0
unknown-04	9.16	12.9	ng/ul	1541430	1	7.82	2395790	20.0
(DEL) Alkane: Bra...	9.23	3.1	ng/ul	493855	2	10.61	3157910	20.0
unknown-05	9.27	2.8	ng/ul	445107	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	9.35	3.5	ng/ul	550419	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	9.53	28.2	ng/ul	4453170	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	9.89	3.7	ng/ul	577468	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	10.32	8.4	ng/ul	1320410	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	10.39	11.7	ng/ul	1842560	2	10.61	3157910	20.0
unknown-06	10.83	4.5	ng/ul	713314	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	10.90	3.6	ng/ul	567172	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	11.02	9.9	ng/ul	1559930	2	10.61	3157910	20.0
(DEL) Alkane: Cyc...	11.10	12.7	ng/ul	2000290	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	11.27	6.2	ng/ul	985322	2	10.61	3157910	20.0
Naphthalene, 1,2,...	11.38	5.7	ng/ul	895396	2	10.61	3157910	20.0
(DEL) Alkane: Str...	11.64	9.7	ng/ul	1525680	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	11.80	10.8	ng/ul	1705460	2	10.61	3157910	20.0
(DEL) Alkane: Cyc...	11.90	13.3	ng/ul	2106900	2	10.61	3157910	20.0
unknown-07	12.35	12.5	ng/ul	1970670	2	10.61	3157910	20.0
(DEL) Alkane: Bra...	12.90	32.1	ng/ul	2450000	3	14.46	1524990	20.0
(DEL) Alkane: Str...	12.99	28.8	ng/ul	2196650	3	14.46	1524990	20.0
(DEL) Alkane: Bra...	13.05	18.5	ng/ul	1411200	3	14.46	1524990	20.0
(DEL) Alkane: Cyc...	13.27	27.3	ng/ul	2083900	3	14.46	1524990	20.0

Naphthalene, 1,4,...	15.09	29.7	ng/ul	2264890	3	14.46	1524990	20.0
(DEL) Alkane: Str...	16.20	20.0	ng/ul	6546020	4	17.22	6546020	20.0

Instrument :
BNA_M
ClientSampleId :
JHGF9