LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.128	79	92	102	rBV5	380420	1204863	2.11%	0.264%
2	4.363	125	132	140	rBV2	266526	564324	0.99%	0.124%
3	4.493	140	154	163	rBV3	984293	2689378	4.70%	0.590%
4	4.592	163	171	181	rVB	799170	1833708	3.21%	0.402%
5	4.775	194	202	214	rBV2	1062861	3252941	5.69%	0.714%
6	4.927	214	228	236	rVB2	2581338	5901250	10.32%	1.295%
7	5.057	245	250	258	rVB	925057	1827494	3.20%	0.401%
8	5.139	258	264	268	rBV	493953	985363	1.72%	0.216%
9	5.321	288	295	303	rBV	1071569	1977560	3.46%	0.434%
10	5.421	303	312	317	rBV	765218	1660635	2.91%	0.364%
11	5.486	317	323	327	rVV4	408920	1116150	1.95%	0.245%
12	5.538	327	332	337	rVV	1424082	2787206	4.88%	0.611%
13	5.597	337	342	348	rVV	2178637	4064051	7.11%	0.892%
14	5.738	355	366	370	rVV2	980311	2365475	4.14%	0.519%
15	5.826	376	381	391	rVB2	2604463	6988422	12.23%	1.533%
16	5.956	391	403	410	rBV	2018869	4643439	8.12%	1.019%
17	6.032	410	416	425	rBV	1204520	2992996	5.24%	0.657%
18	6.196	433	444	449	rBV2	800758	1632333	2.86%	0.358%
19	6.261	449	455	463	rBV4	1274441	3299555	5.77%	0.724%
20	6.343	463	469	472	rBV	2365463	4443223	7.77%	0.975%
21	6.390	472	477	487	rVB3	7681920	16302873	28.52%	3.576%
22	6.484	487	493	499	rBV2	785926	1668873	2.92%	0.366%
23	6.549	499	504	513	rVB3	445204	1018063	1.78%	0.223%
24	6.655	513	522	528	rBV5	3139818	9454981	16.54%	2.074%
25	6.766	535	541	549	rVB	1910890	4155925	7.27%	0.912%
26	6.890	549	562	566	rBV5	2766379	10453598	18.29%	2.293%
27	7.031	574	586	600	rVB5	5813324	18285122	31.99%	4.011%
28	7.137	600	604	609	rVB2	1060705	1730078	3.03%	0.380%
29	7.201	609	615	620	rBV2	1860010	3843861	6.72%	0.843%
30	7.272	620	627	632	rVB3	2020373	4777112	8.36%	1.048%
31	7.366	632	643	648	rBV5	3089578	7918936	13.85%	1.737%
32	7.419	648	652	657	rVB2	1757287	2776271	4.86%	0.609%
33	7.471	657	661	666	rVB4	2369554	3833540	6.71%	0.841%
34	7.536	666	672	678	rBV2	5578523	10938943	19.14%	2.400%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Title : SVOA CALIBRATION

35	7.612	678	685	690	rVB	3907668	8063036	14.11%	1.769%
36	7.706	690	701	707	rBV3	2259157	6452701	11.29%	1.416%
37	7.777	707	713	716	rBV2	2880185	5527529	9.67%	1.213%
38	7.871	725	729	735	rBV4	1785811	3343888	5.85%	0.734%
39	7.941	737	741	745	rVB4	906288	1376982	2.41%	0.302%
40	8.006	745	752	755	rBV	7145013	13719644	24.00%	3.010%
41	8.041	755	758	765	rVB	4727381	7286399	12.75%	1.598%
42	8.106	765	769	774	rVB2	1308233	2085593	3.65%	0.458%
43	8.165	774	779	783	rBV3	818414	1598429	2.80%	0.351%
44	8.206	783	786	791	rVB4	680614	1081485	1.89%	0.237%
45	8.294	791	801	807	rBV6	1897013	6129709	10.72%	1.345%
46	8.370	808	814	819	rVB2	3010474	6549130	11.46%	1.437%
47	8.429	819	824	826	rBV3	870646	1495456	2.62%	0.328%
48	8.464	826	830	833	rVB2	1001168	1447822	2.53%	0.318%
49	8.558	833	846	851	rBV2	19066294	57162241	100.00%	12.539%
50	8.629	855	858	862	rVB3	1388011	1988215	3.48%	0.436%
51	8.682	862	867	874	rBV2	3535071	6575193	11.50%	1.442%
52	8.799	881	887	889	rBV4	254293	556459	0.97%	0.122%
53	8.882	896	901	906	rBV3	1971838	5097489	8.92%	1.118%
54	8.934	907	910	920	rVB5	2388149	6995180	12.24%	1.535%
55	9.028	920	926	939	rBV	5897177	11374542	19.90%	2.495%
56	9.134	939	944	950	rBV	1729423	3334956	5.83%	0.732%
57	9.193	950	954	957	rVV	641660	922419	1.61%	0.202%
58	9.240	957	962	974	rVB	4770544	10503160	18.37%	2.304%
59	9.340	974	979	983	rBV	1335617	2190244	3.83%	0.480%
60	9.393	983	988	994	rVB	2322158	4673719	8.18%	1.025%
61	9.493	994	1005	1014	rBV2	4850796	12242031	21.42%	2.685%
62	9.610	1014	1025	1030	rBV3	7357424	16886278	29.54%	3.704%
63	9.745	1036	1048	1055	rBV8	2972010	9795995	17.14%	2.149%
64	9.839	1057	1064	1076	rVB7	1886633	6687931	11.70%	1.467%
65	9.945	1076	1082	1089	rVV6	604868	2299060	4.02%	0.504%
66	10.021	1089	1095	1100	rVV2	2809776	5622117	9.84%	1.233%
67	10.080	1100	1105	1109	rVV	3287318	5882193	10.29%	1.290%
68	10.127	1109	1113	1122	rVB2	2706506	4991914	8.73%	1.095%
69	10.251	1127	1134	1138	rBV3	1076531	2676626	4.68%	0.587%
70	10.315	1139	1145	1151	rVB3	2171594	4247310	7.43%	0.932%
71	10.386	1151	1157	1162	rBV2	4088083	7167797	12.54%	1.572%

LSC Area Percent Report

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Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Title : SVOA CALIBRATION

72	10.515	1173	1179	1187	rBV4	705072	1866614	3.27%	0.409%
73	10.597	1187	1193	1199	rVV3	2661604	5031354	8.80%	1.104%
74	10.650	1199	1202	1206	rVB2	696142	991389	1.73%	0.217%
75	10.697	1206	1210	1214	rVB3	573101	815435	1.43%	0.179%
76	10.768	1214	1222	1228	rBV6	633435	1867573	3.27%	0.410%
77	10.832	1228	1233	1238	rVB4	366367	720813	1.26%	0.158%
78	10.891	1238	1243	1251	rVB2	777442	1700495	2.97%	0.373%
79	11.044	1260	1269	1271	rBV7	313130	739470	1.29%	0.162%
80	11.085	1271	1276	1280	rBV5	571682	1013940	1.77%	0.222%
81	11.144	1280	1286	1294	rBV	3300887	5540894	9.69%	1.215%
82	11.214	1295	1298	1301	rVV3	701058	1364512	2.39%	0.299%
83	11.255	1301	1305	1311	rVV	1471894	2883652	5.04%	0.633%
84	11.326	1311	1317	1323	rVB3	1729610	3358233	5.87%	0.737%
85	11.402	1323	1330	1336	rBV5	571119	1265919	2.21%	0.278%
86	11.878	1404	1411	1422	rVB7	678070	1733049	3.03%	0.380%
87	11.996	1426	1431	1439	rVB5	268524	561048	0.98%	0.123%
88	12.072	1439	1444	1453	rVB4	343574	776225	1.36%	0.170%
89	12.172	1454	1461	1466	rVV	689624	1144791	2.00%	0.251%
90	12.560	1520	1527	1533	rBV	1928659	2854989	4.99%	0.626%
91	12.830	1568	1573	1580	rVB	363715	608647	1.06%	0.134%
92	13.776	1727	1734	1744	rBV	1288303	2008700	3.51%	0.441%
93	14.422	1837	1844	1848	rVV6	304274	642211	1.12%	0.141%
94	14.833	1900	1914	1923	rVV	932590	1369137	2.40%	0.300%
95	14.980	1933	1939	1946	rVV2	398955	705631	1.23%	0.155%
96	15.779	2064	2075	2081	rBV	660575	969595	1.70%	0.213%
97	16.643	2217	2222	2239	rVB	412020	815232	1.43%	0.179%
98	17.724	2395	2406	2417	rBV	540965	911838	1.60%	0.200%
99	22.054	3135	3143	3158	rBV	626430	1109926	1.94%	0.243%
100	25.568	3727	3741	3766	rBV	311332	1069374	1.87%	0.235%

Sum of corrected areas: 455860100

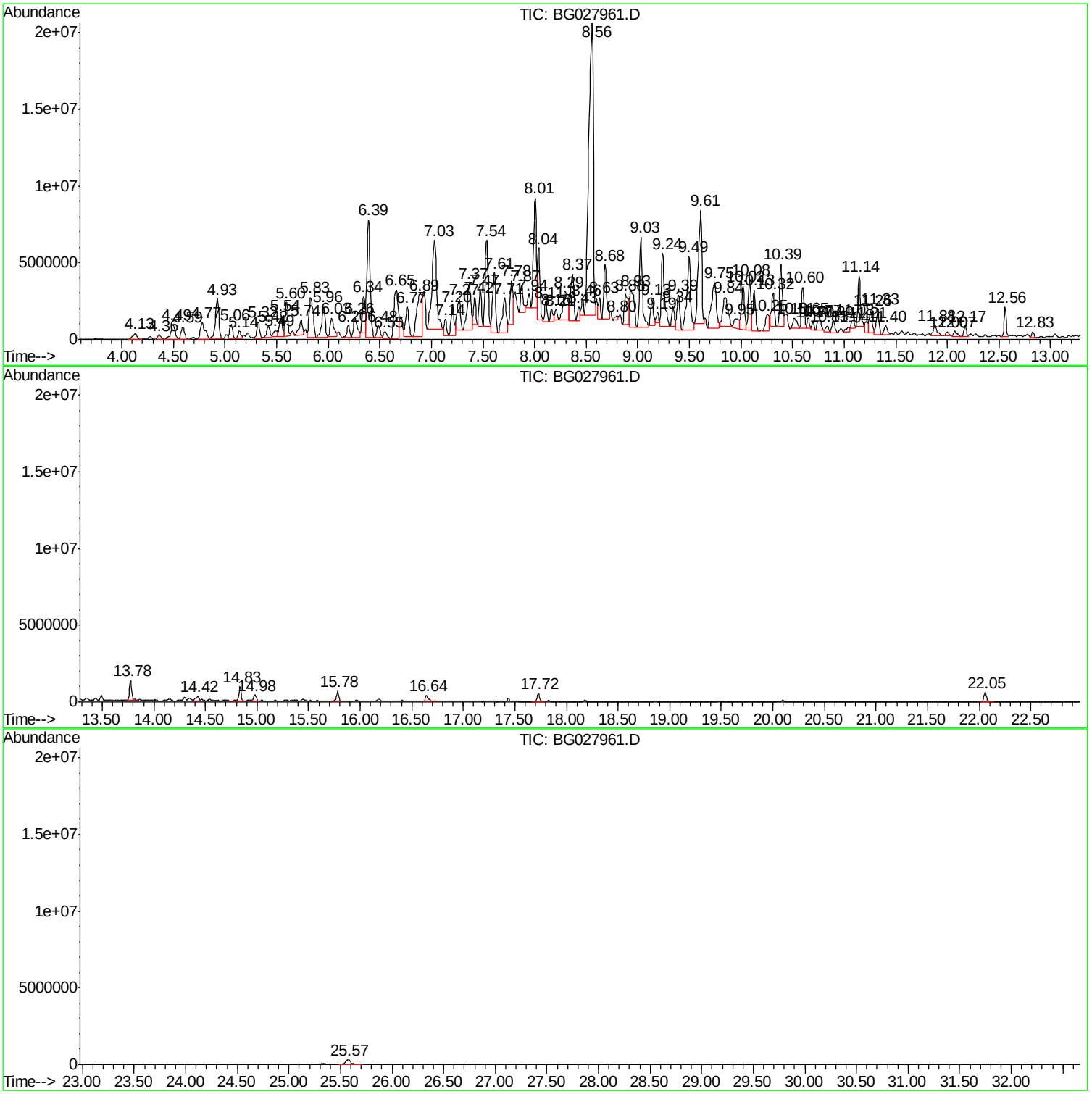
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

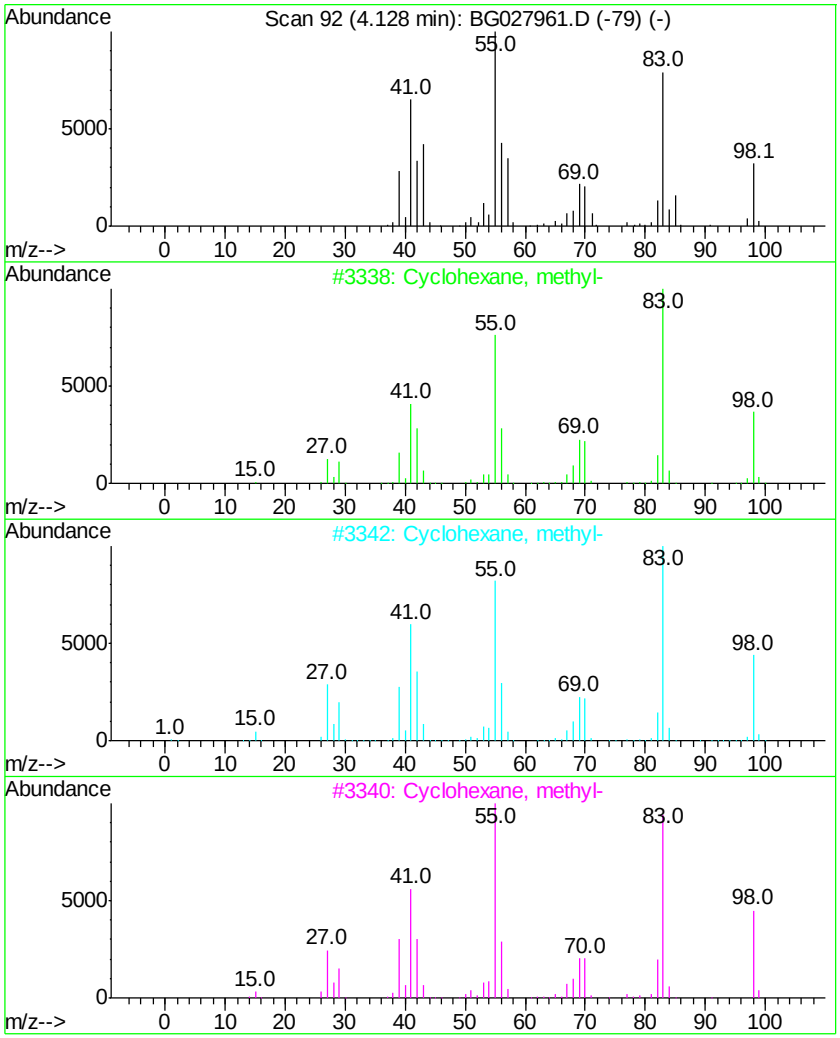
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

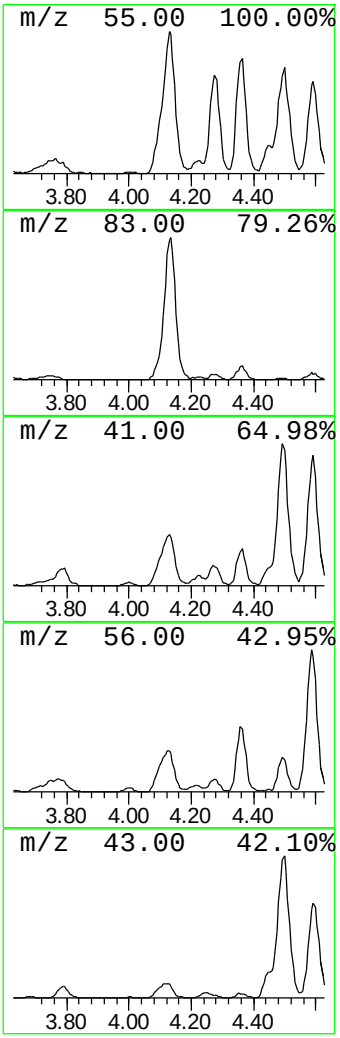
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	3.68 ng/ul	1204860	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	60
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

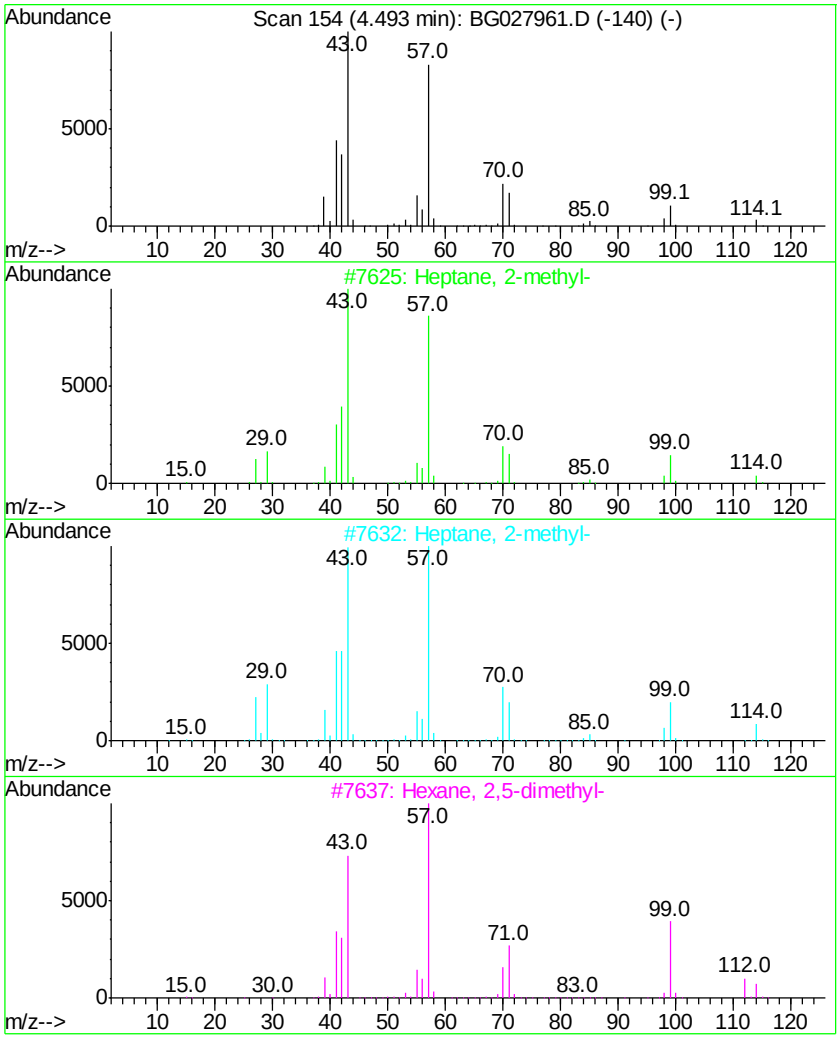
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

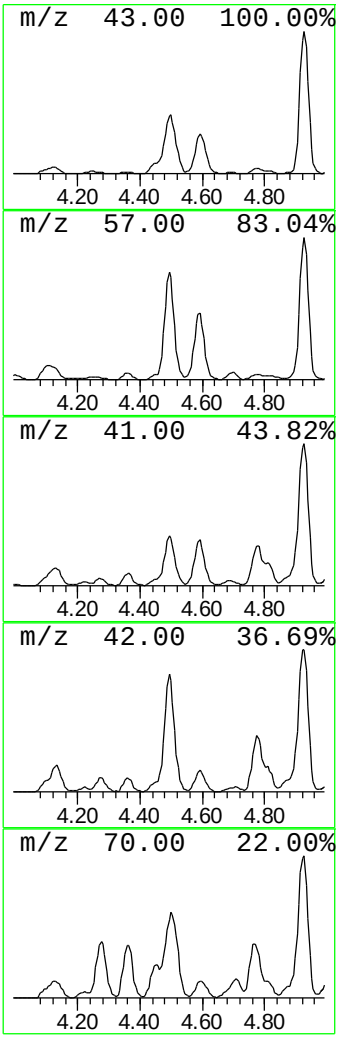
****

Peak Number 2 Heptane, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	8.21 ng/ul	2689380	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	76
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	58
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

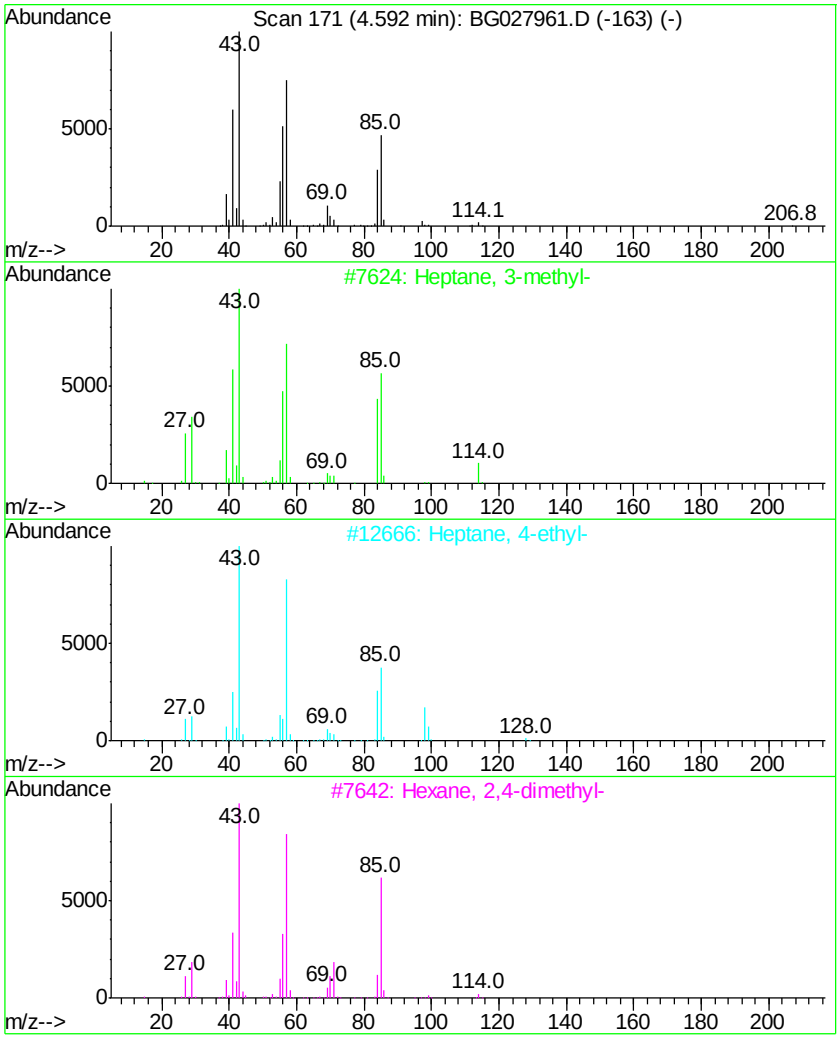
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

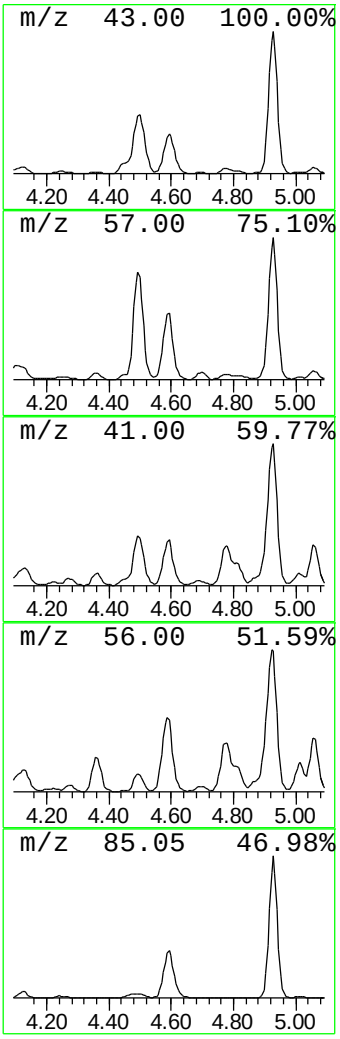
****

Peak Number 3 Heptane, 3-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	5.60 ng/ul	1833710	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

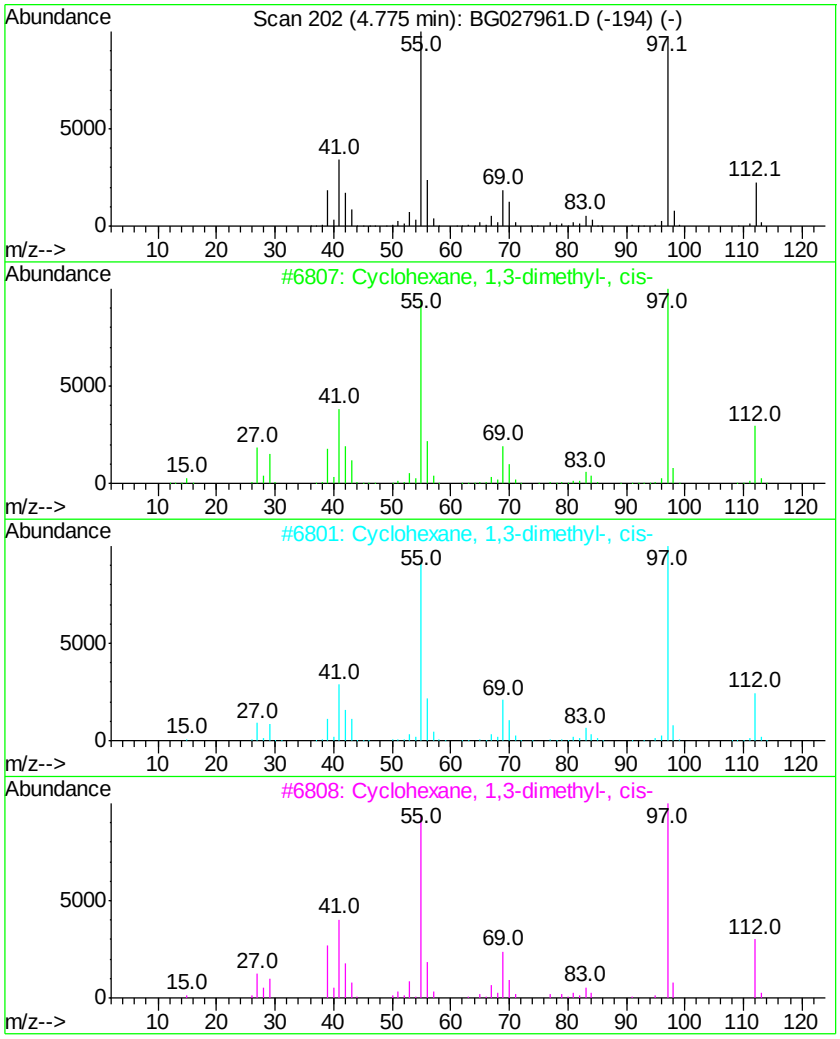
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

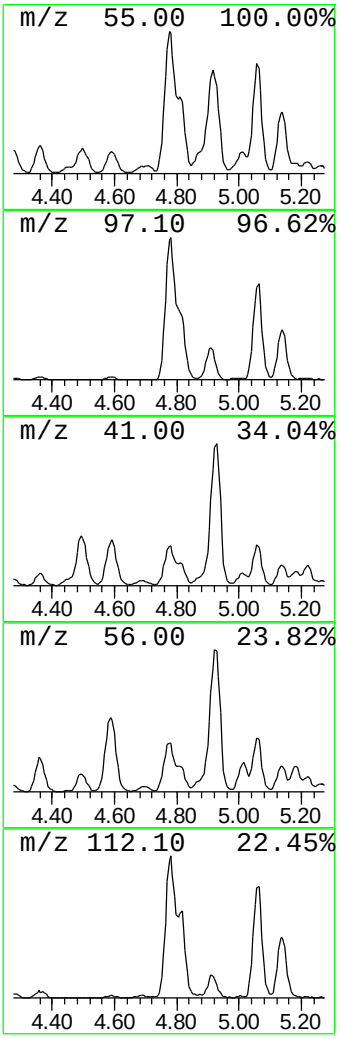
****

Peak Number 4 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	9.93 ng/ul	3252940	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	97
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

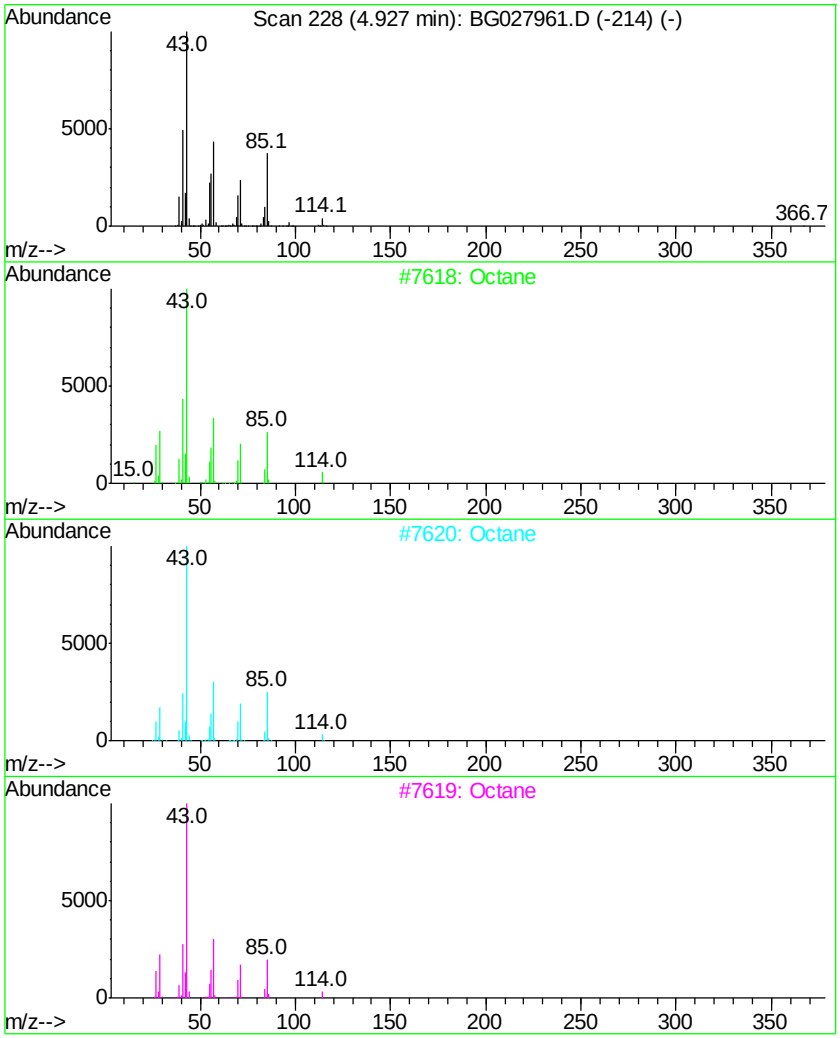
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

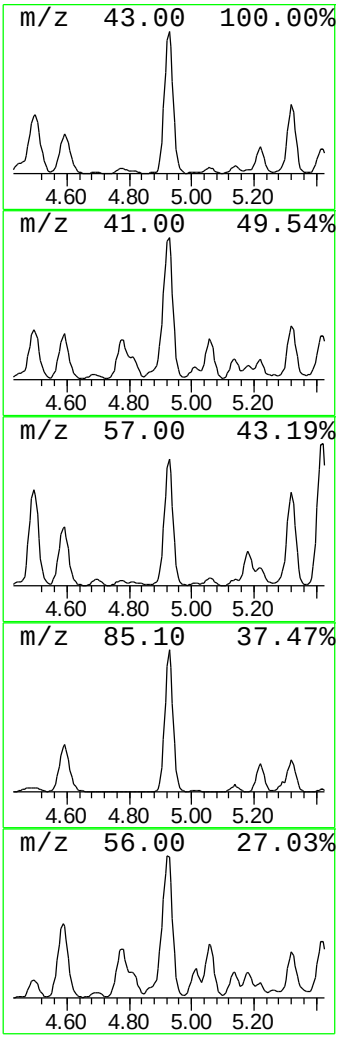
****

Peak Number 5 Octane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	18.02 ng/ul	5901250	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	83
2	Octane	114	C8H18	000111-65-9	68
3	Octane	114	C8H18	000111-65-9	64
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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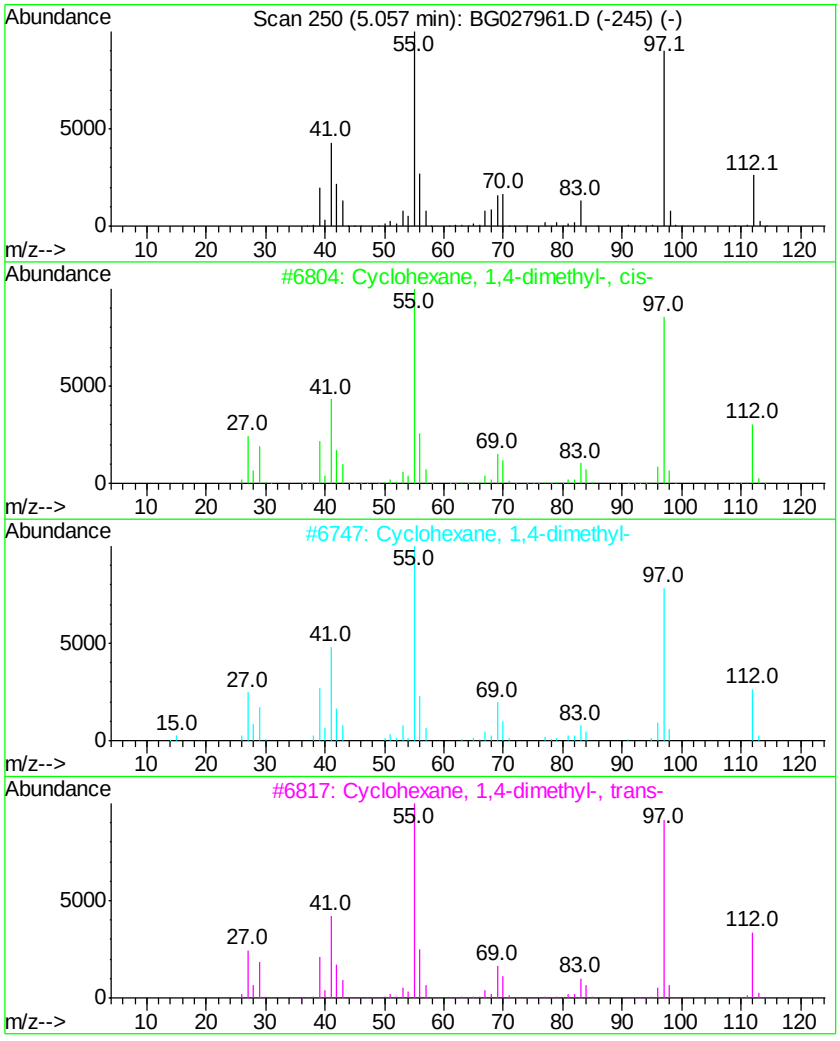
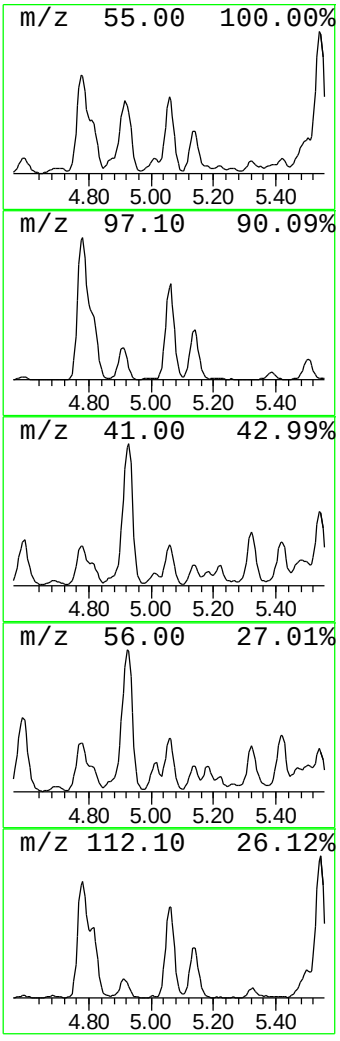
Peak Number 6 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	5.58 ng/ul	1827490	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





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Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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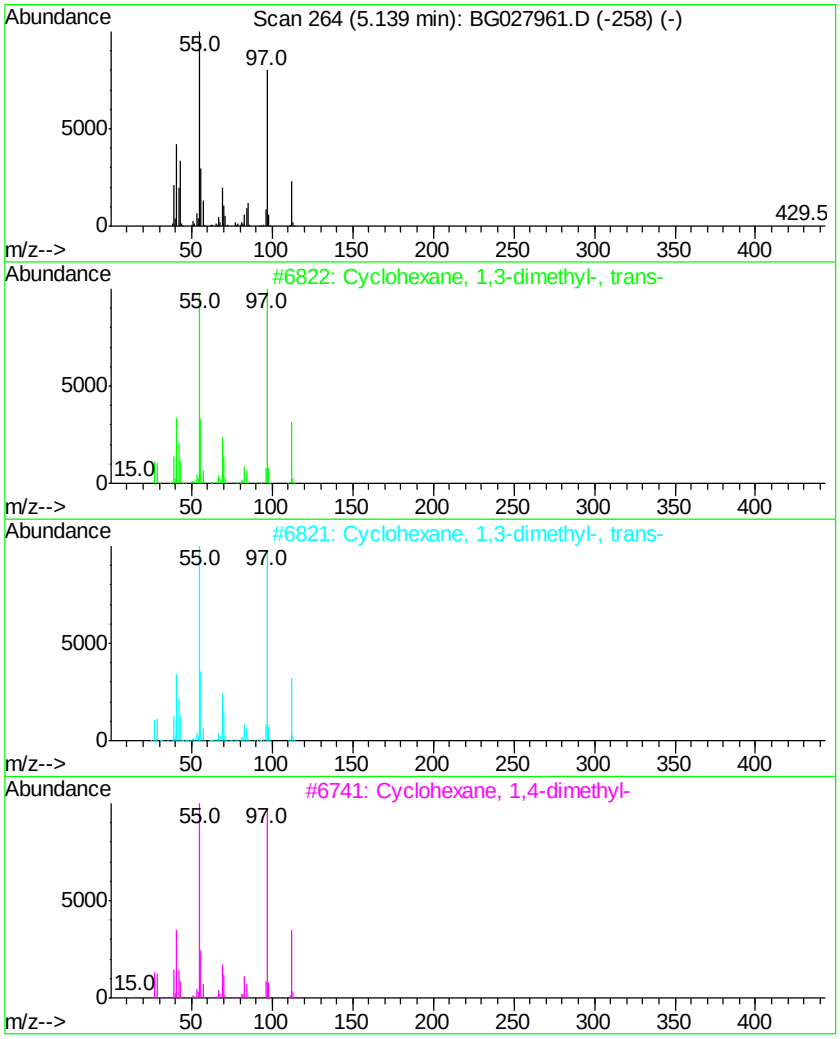
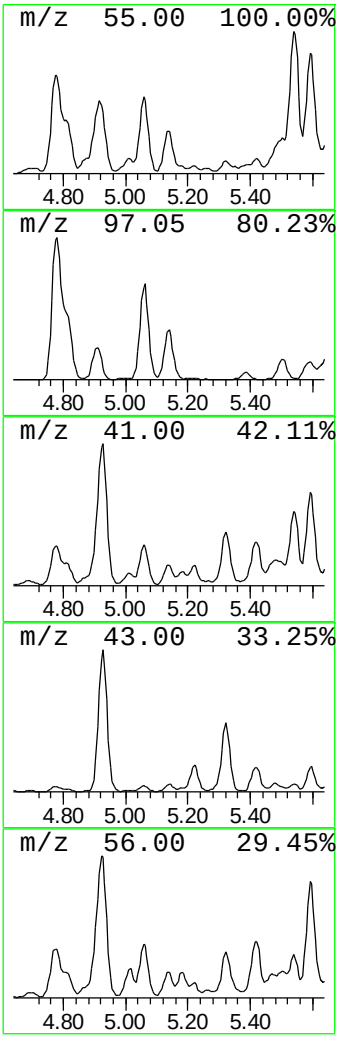
Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.01 ng/ul	985363	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87





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Quant Title : SVOA CALIBRATION

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

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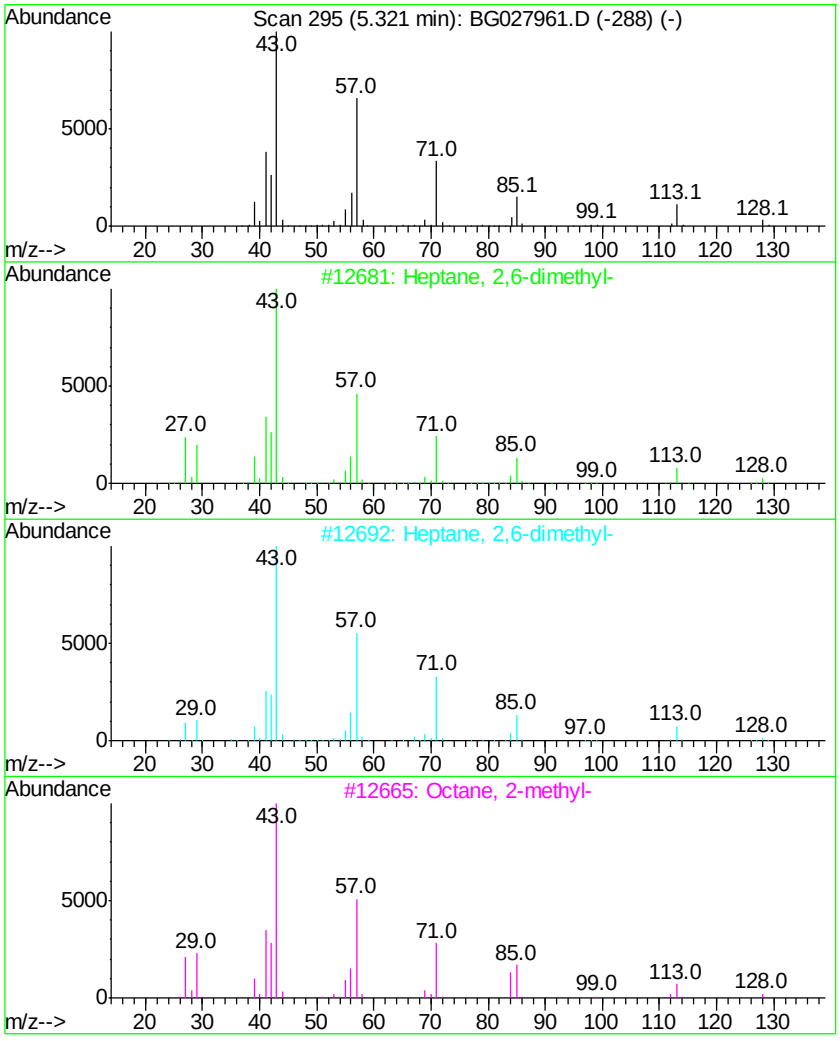
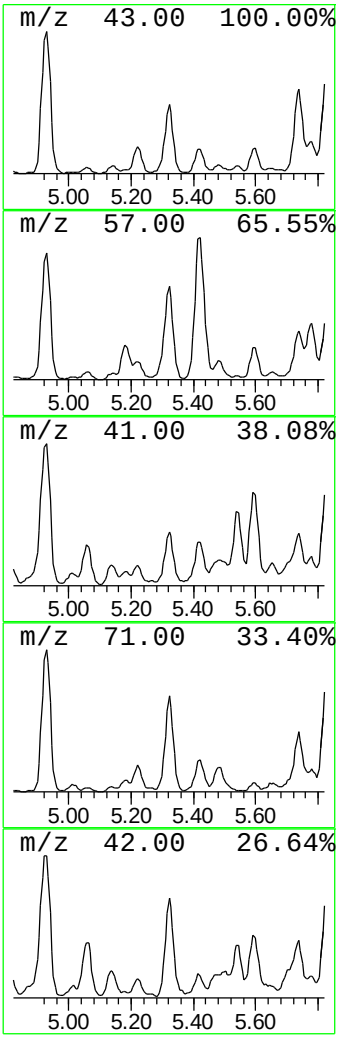
Peak Number 8 Heptane, 2,6-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	6.04 ng/ul	1977560	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	94
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
3	Octane, 2-methyl-	128	C9H20	003221-61-2	91
4	Octane, 2-methyl-	128	C9H20	003221-61-2	90
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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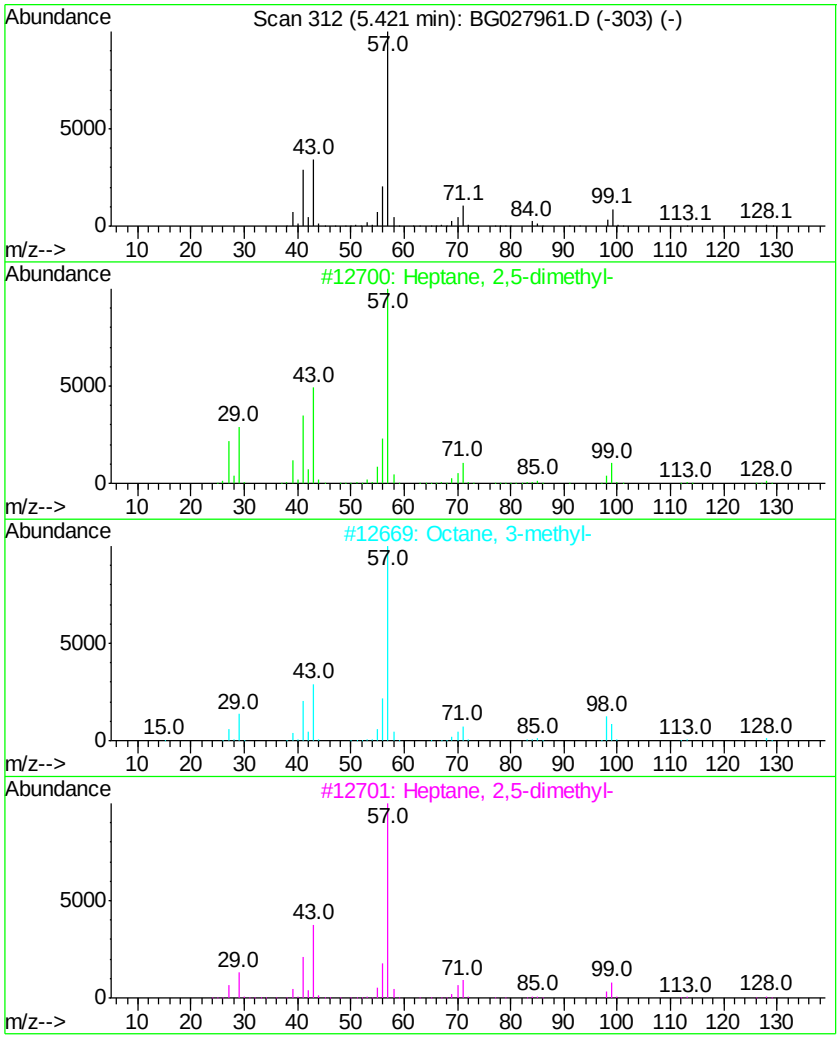
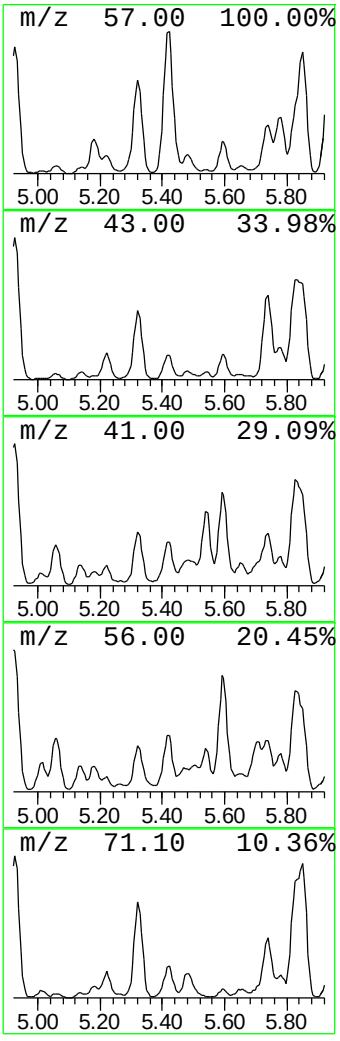
Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	5.07 ng/ul	1660640	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	83
4	Octane, 3-methyl-	128	C9H20	002216-33-3	74
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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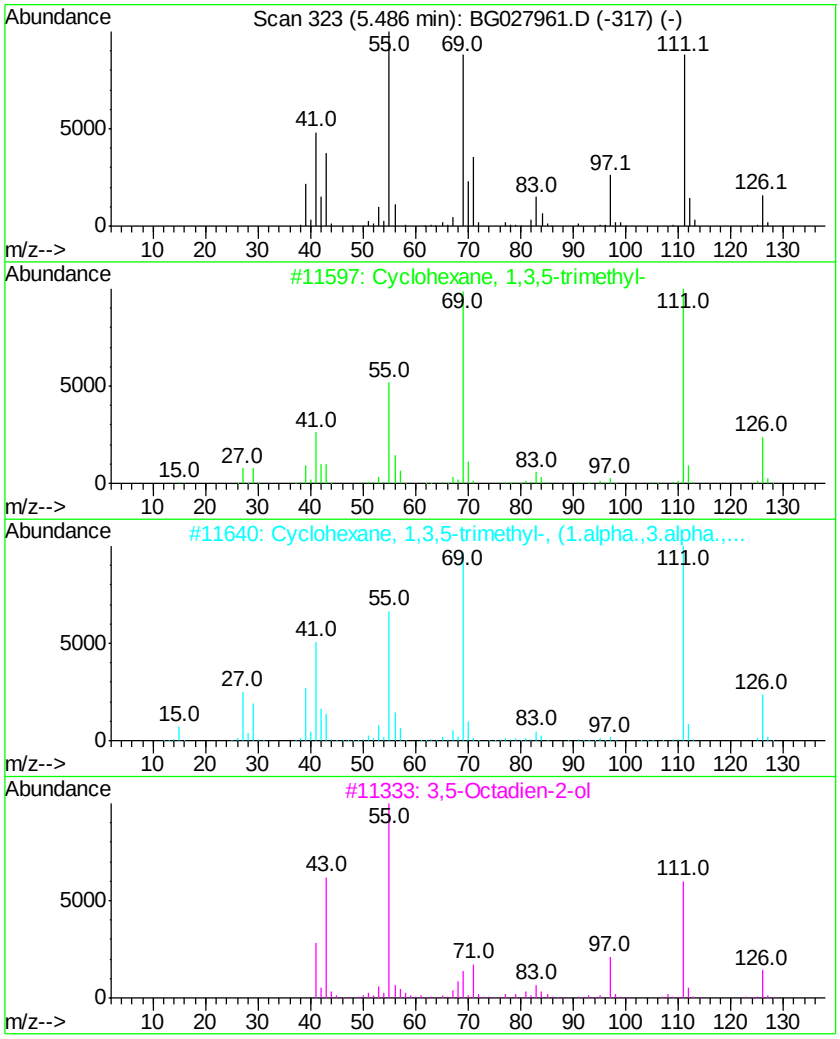
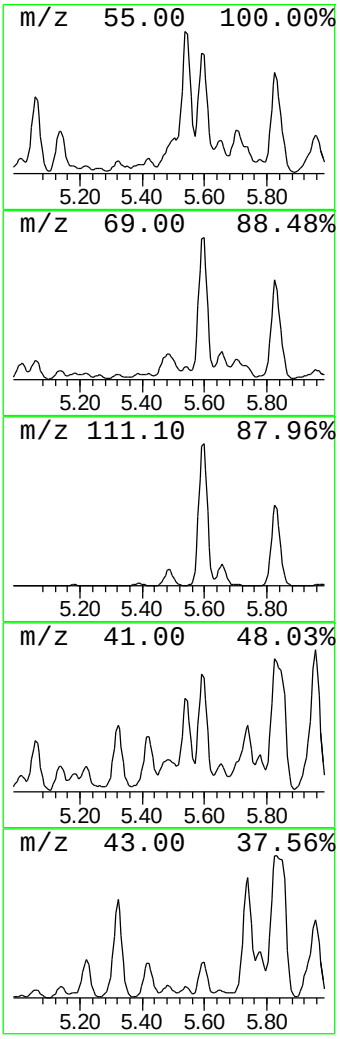
Peak Number 10 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	3.41 ng/ul	1116150	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	58
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58
3	3,5-Octadien-2-ol	126	C8H14O	069668-82-2	49
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	45
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	35





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Quant Title : SVOA CALIBRATION

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

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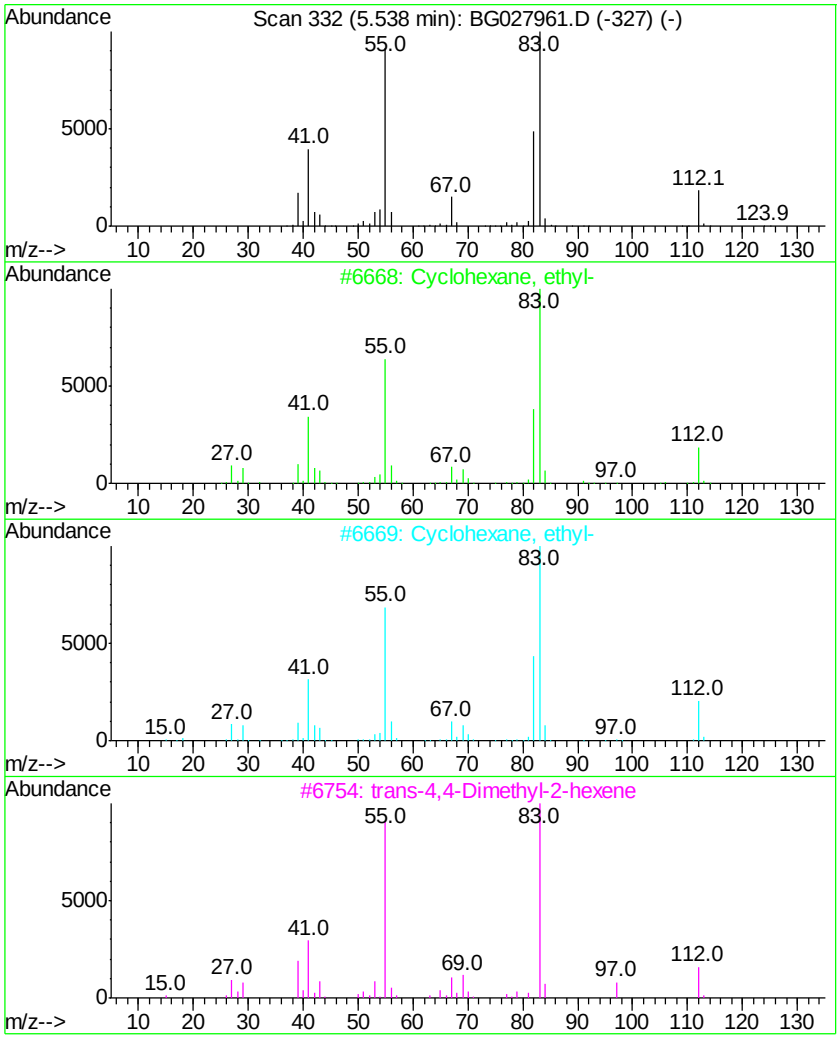
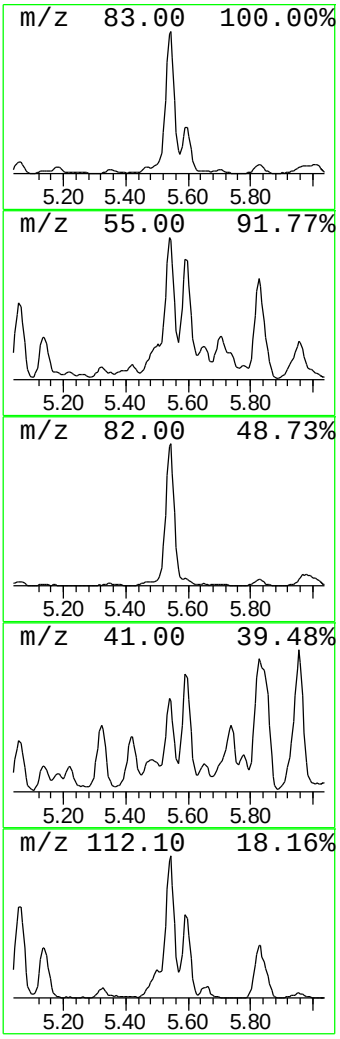
Peak Number 11 Cyclohexane, ethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	8.51 ng/ul	2787210	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53
4	3-Ethyl-2-hexene	112	C8H16	000620-00-8	53
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	53





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Quant Title : SVOA CALIBRATION

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

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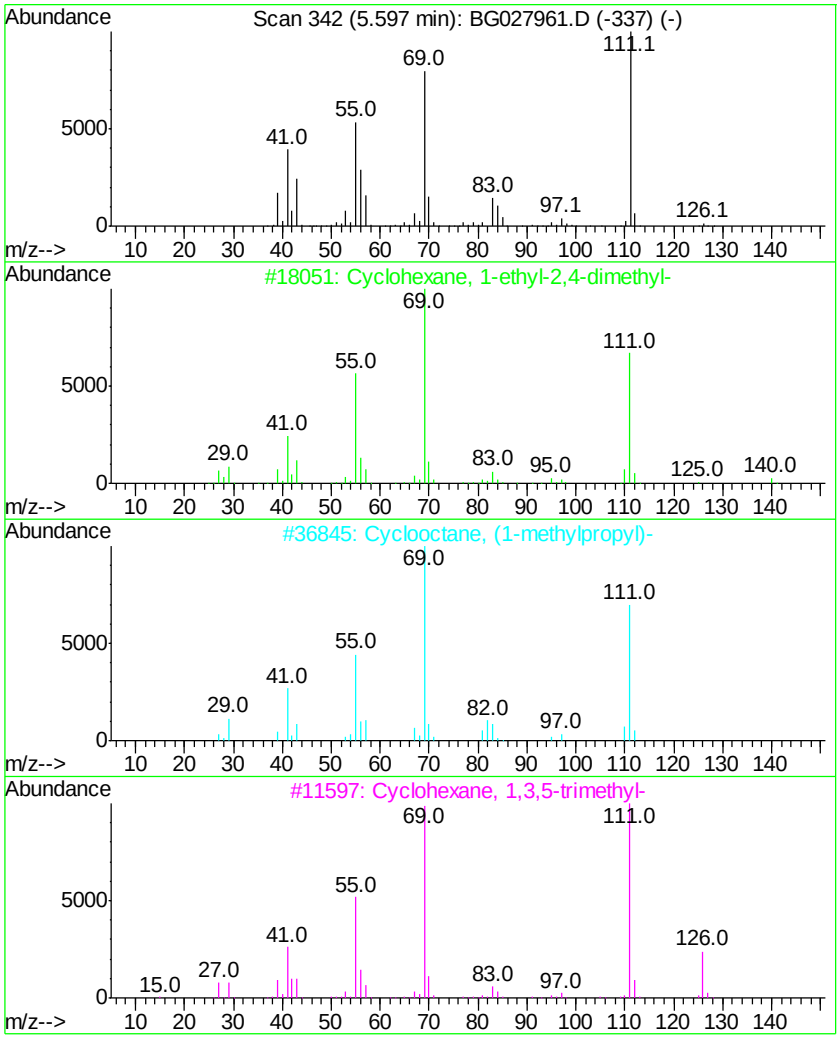
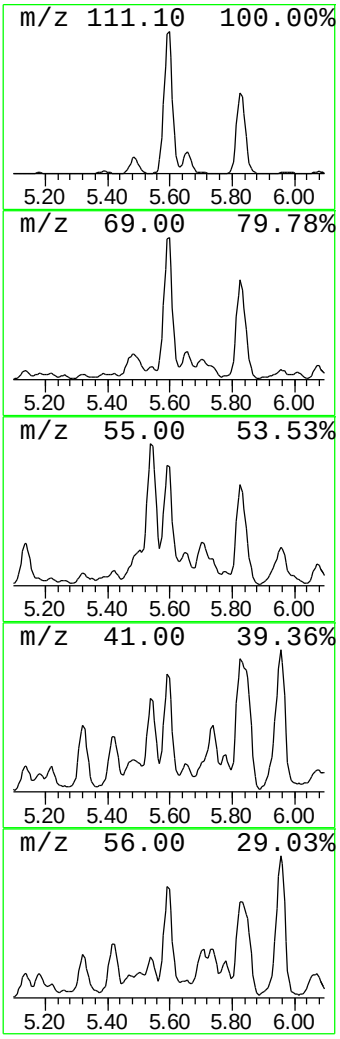
Peak Number 12 Cyclohexane, 1-ethyl-2,4-di... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	12.41 ng/ul	4064050	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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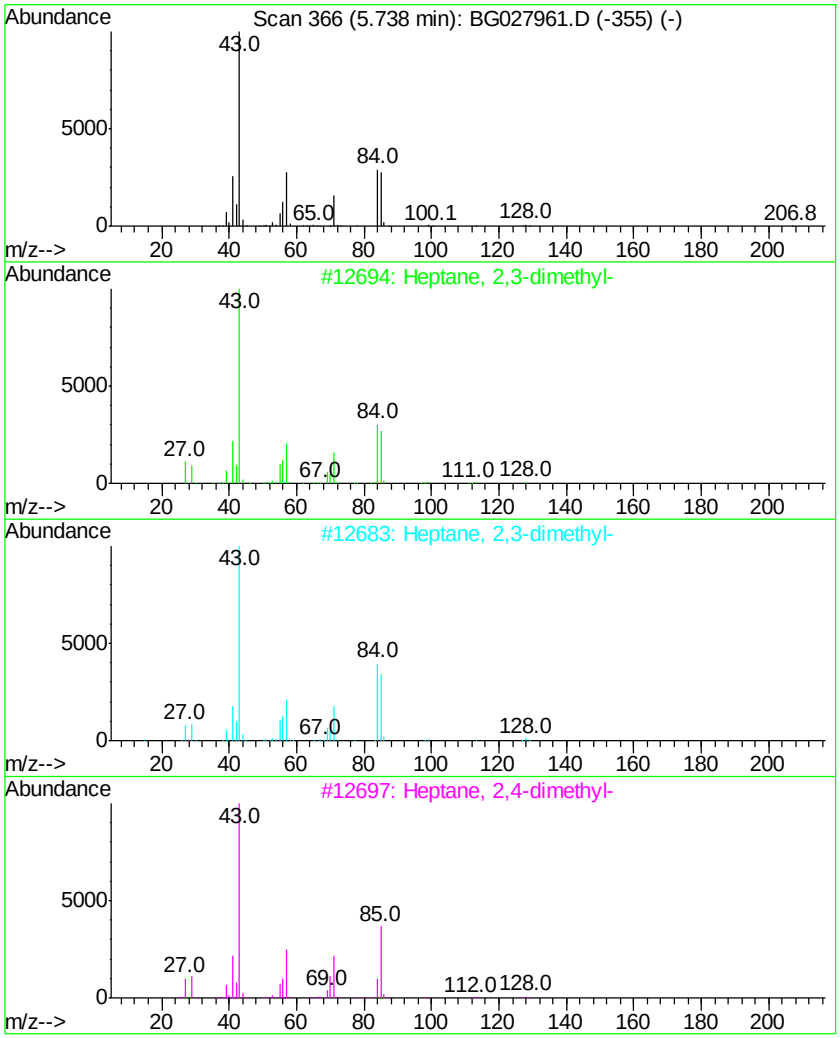
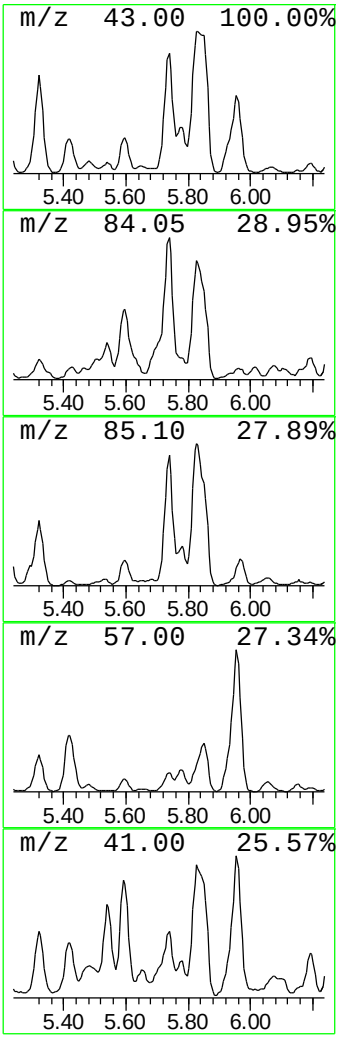
Peak Number 13 Heptane, 2,3-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	7.22 ng/ul	2365480	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	90
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	86
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	83





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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 Cyclohexane, 1,2,4-trimethy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	21.34 ng/ul	6988420	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	45
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	43
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	41
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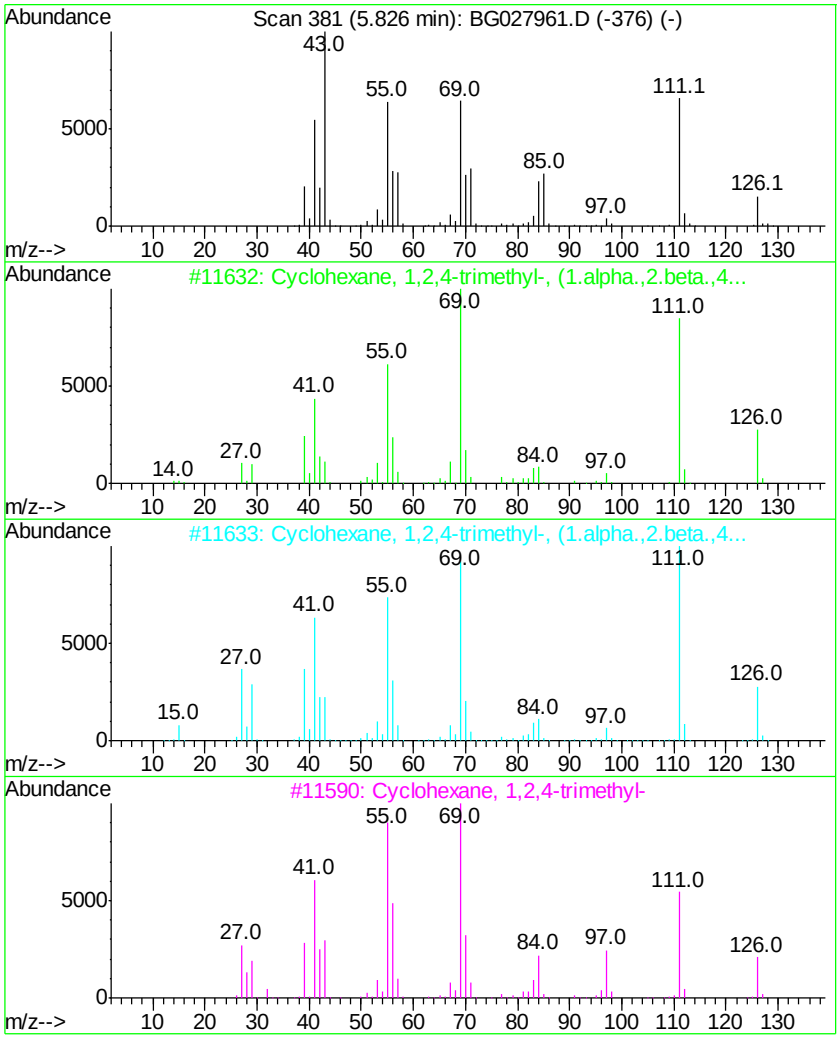

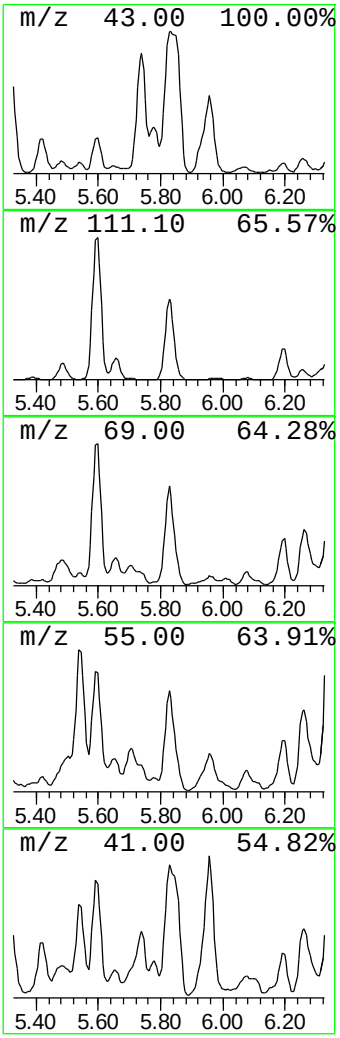

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Quant Title : SVOA CALIBRATION

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

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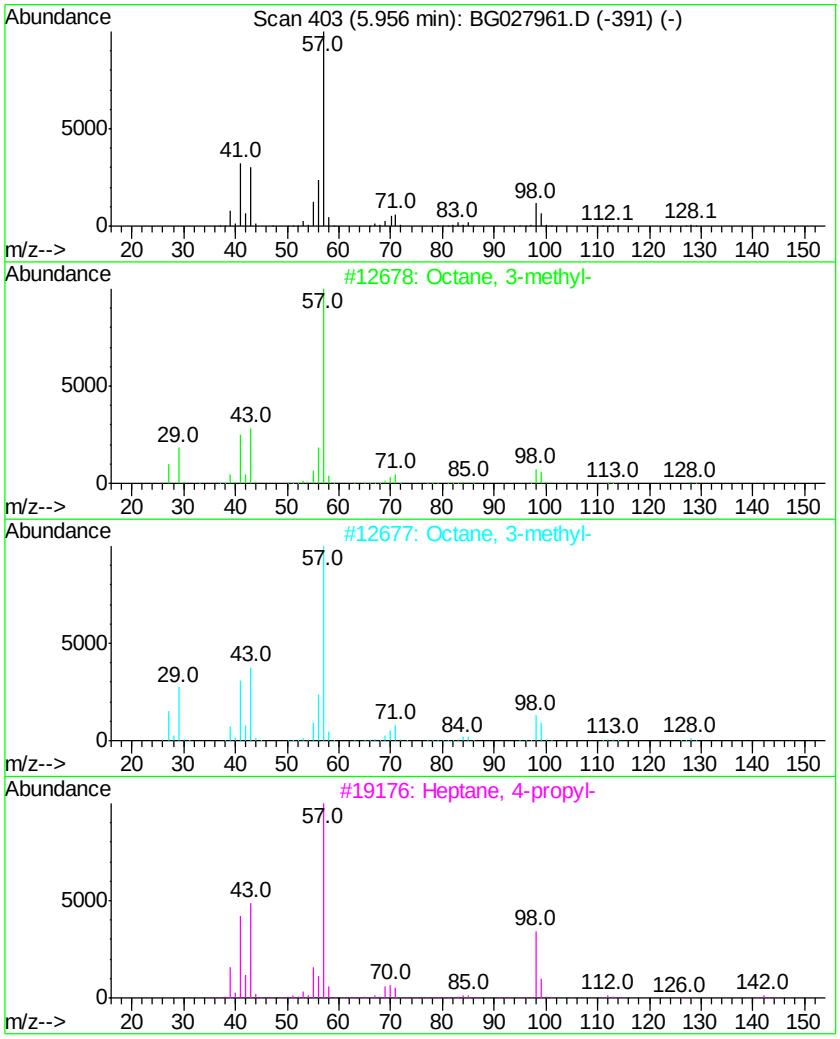
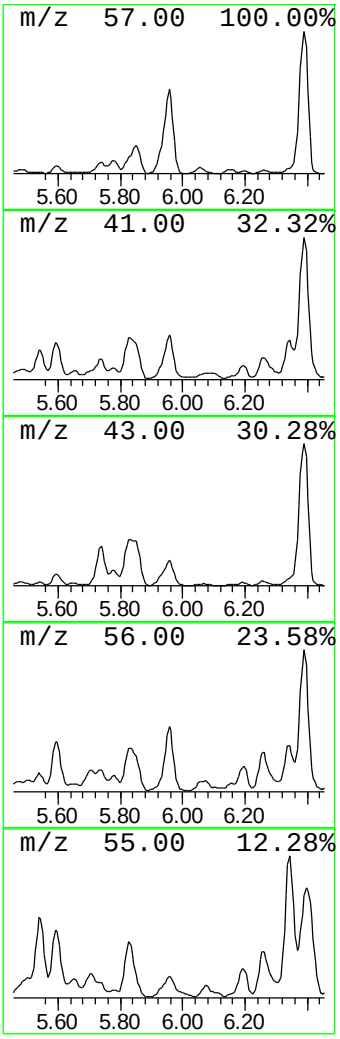
Peak Number 15 Octane, 3-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	14.18 ng/ul	4643440	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	74
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
4	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	59





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Quant Title : SVOA CALIBRATION

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

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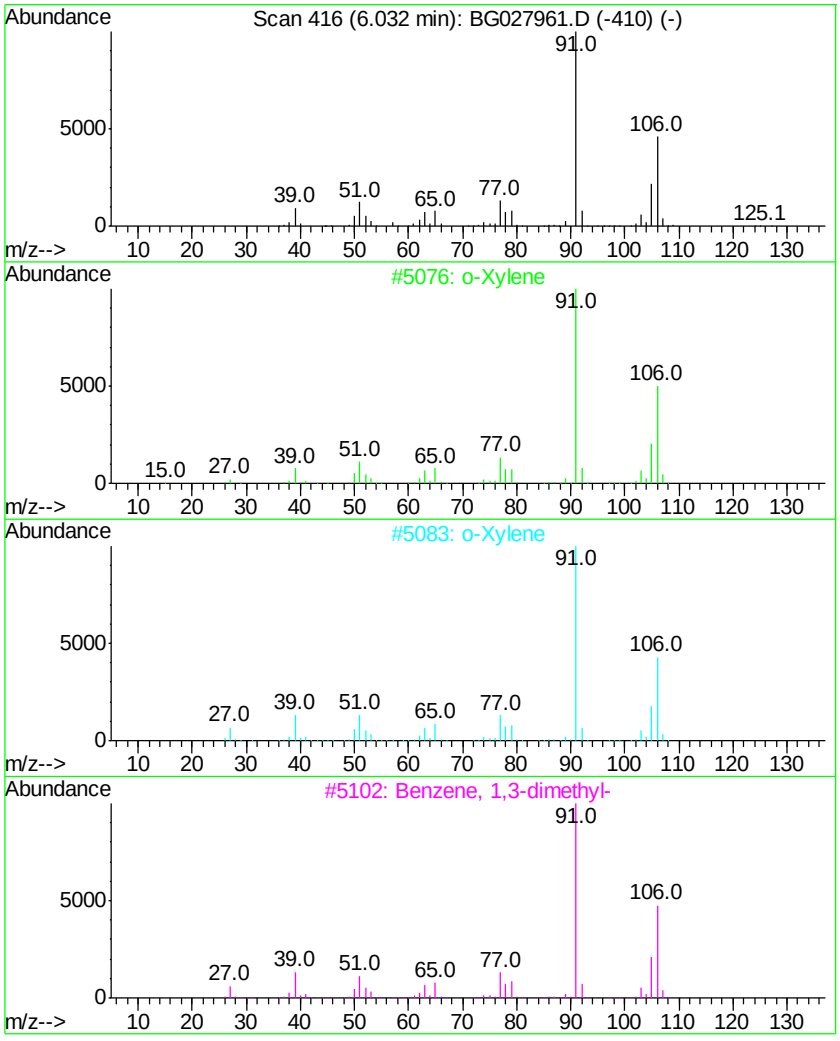
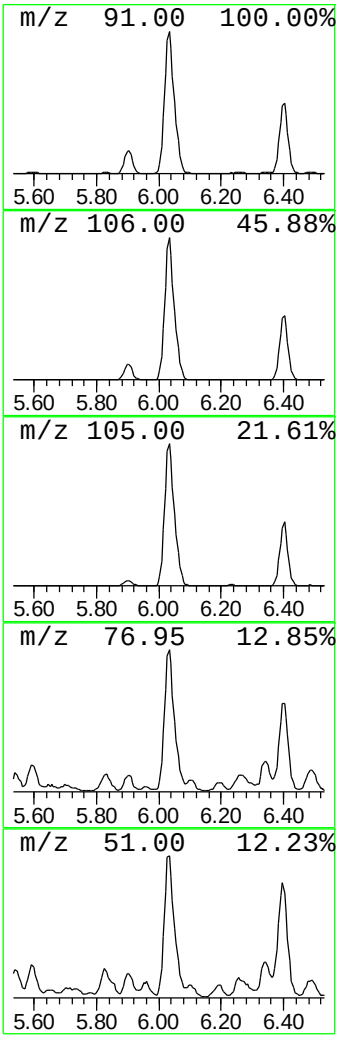
Peak Number 16 o-Xylene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	9.14 ng/ul	2993000	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Quant Title : SVOA CALIBRATION

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

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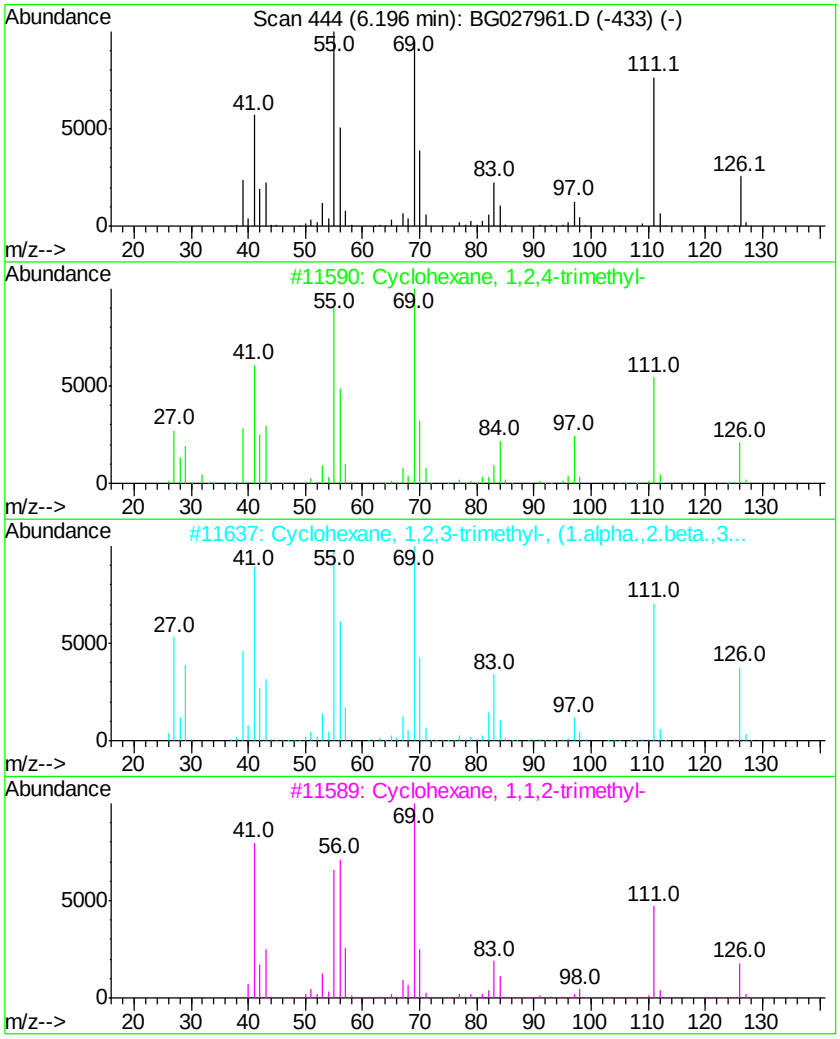
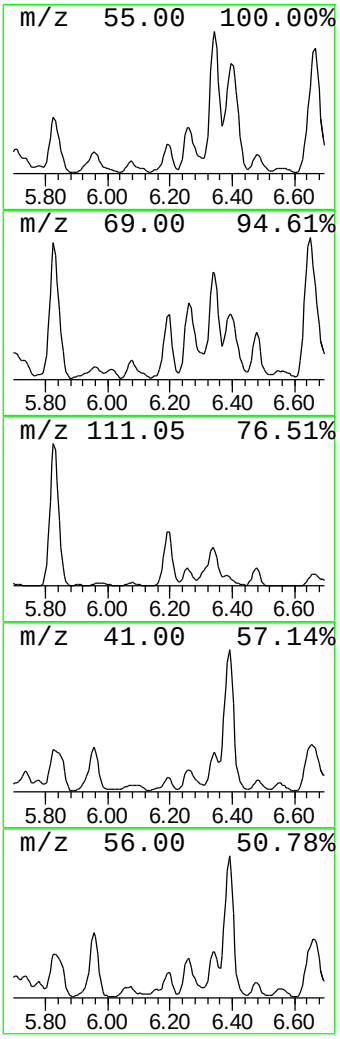
Peak Number 17 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	4.98 ng/ul	1632330	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	87
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	70
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	68
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	62





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Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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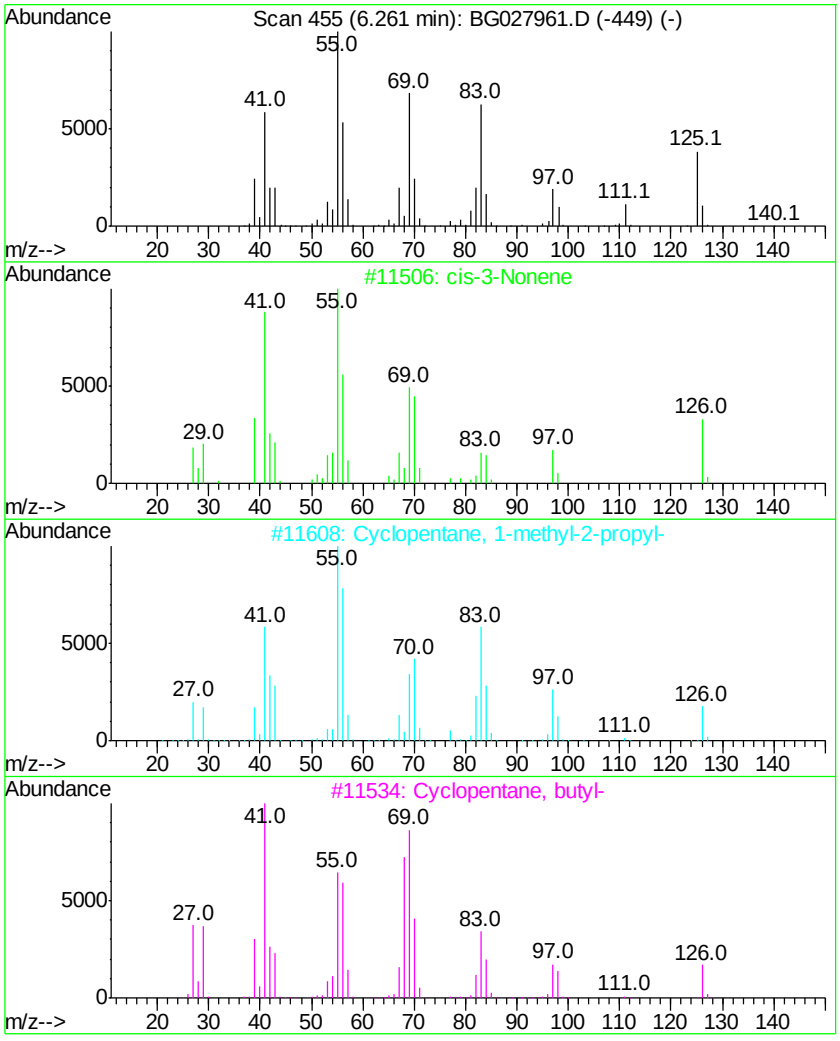
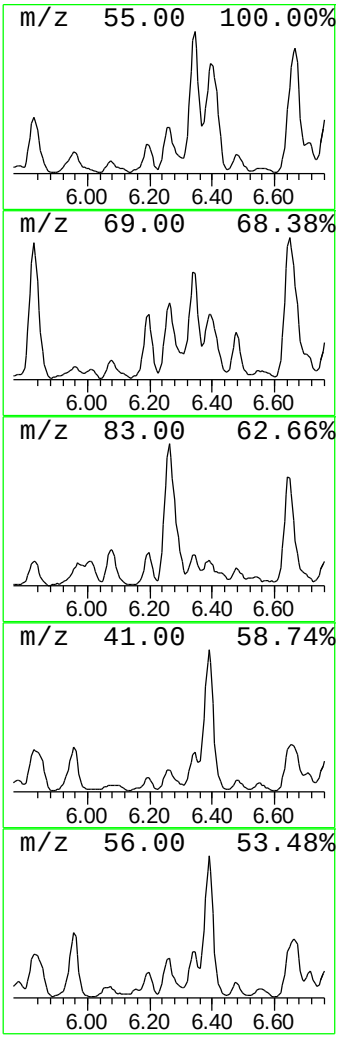
Peak Number 18 cis-3-Nonene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	10.08 ng/ul	3299560	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3-Nonene	126	C9H18	020237-46-1	55
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	49
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	45
4	3-Nonene	126	C9H18	020063-77-8	42
5	3-Nonene, (E)-	126	C9H18	020063-92-7	42





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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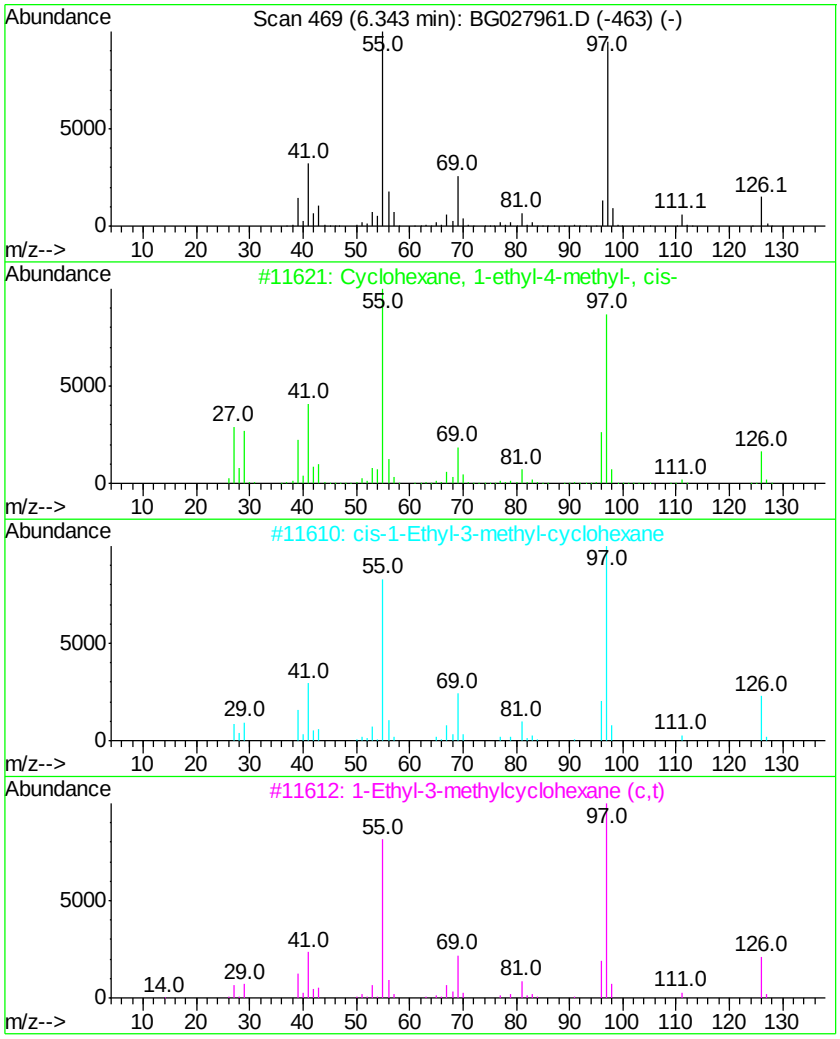
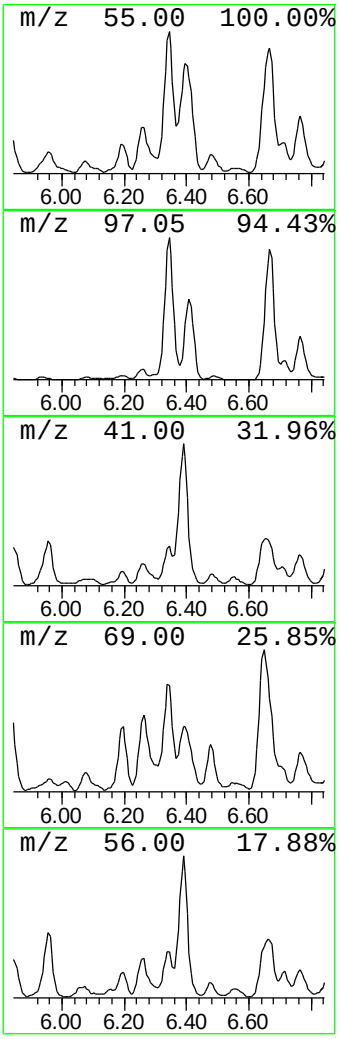
Peak Number 19 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	13.57 ng/ul	4443220	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	83
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	80
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80





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Quant Title : SVOA CALIBRATION

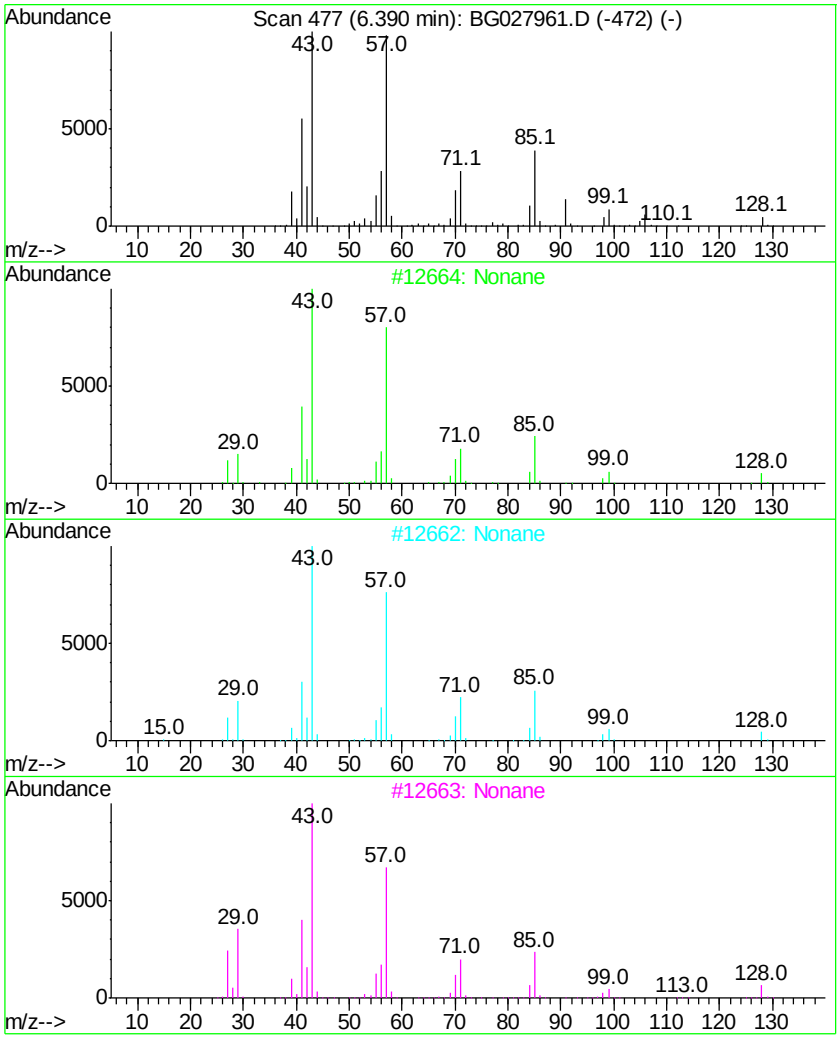
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

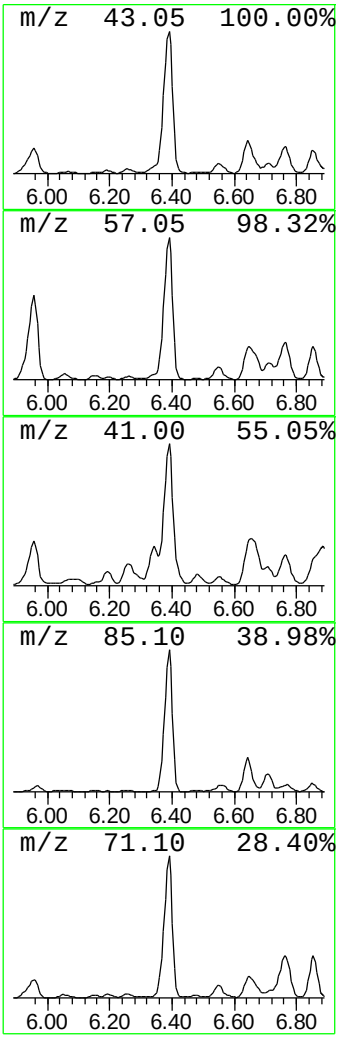
****

Peak Number 20 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	49.79 ng/ul	16302900	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Nonane	128	C9H20	000111-84-2	90
3	Nonane	128	C9H20	000111-84-2	78
4	Octane	114	C8H18	000111-65-9	64
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53





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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION

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

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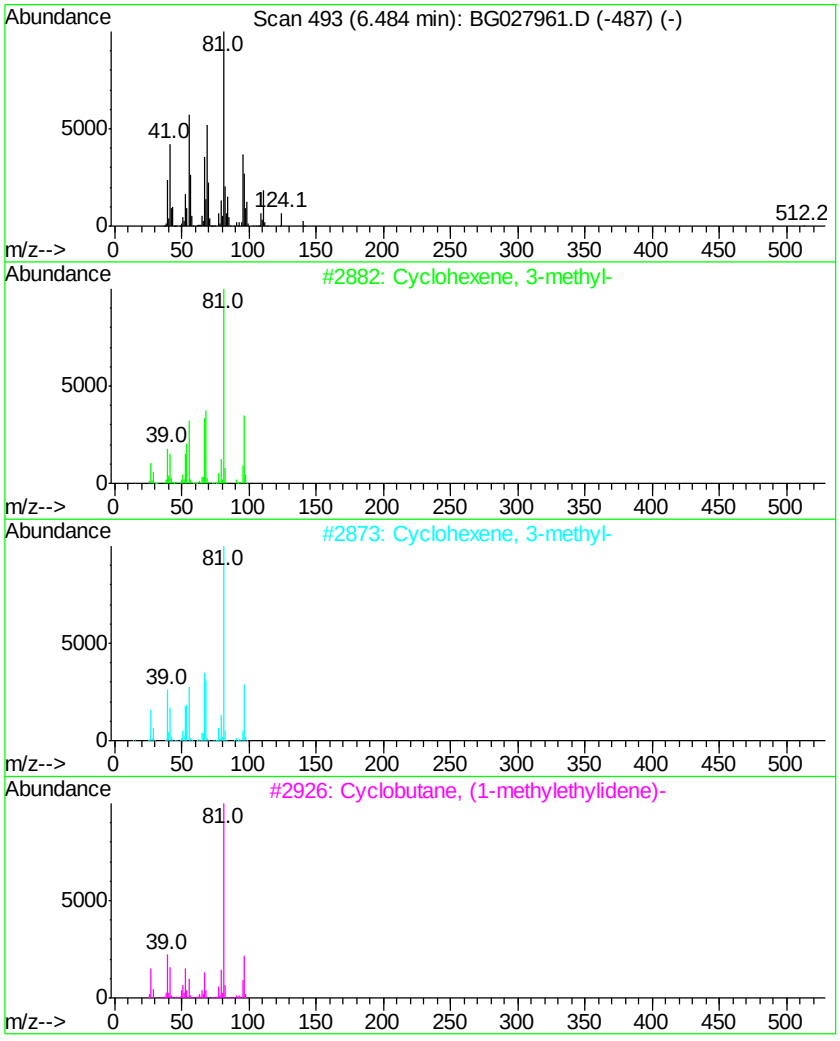
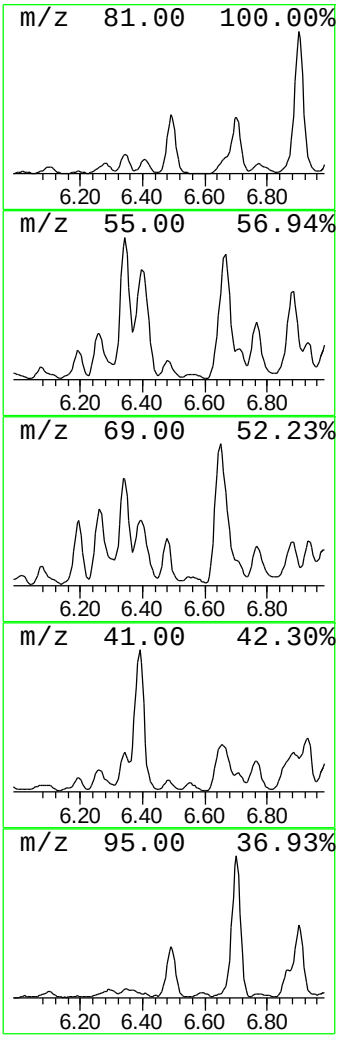
Peak Number 21 Cyclohexene, 3-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	5.10 ng/ul	1668870	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
4	Pentane, 1-chloro-5-(methylenecy...	158	C9H15Cl	1000158-49-0	43
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	43





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Quant Title : SVOA CALIBRATION

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

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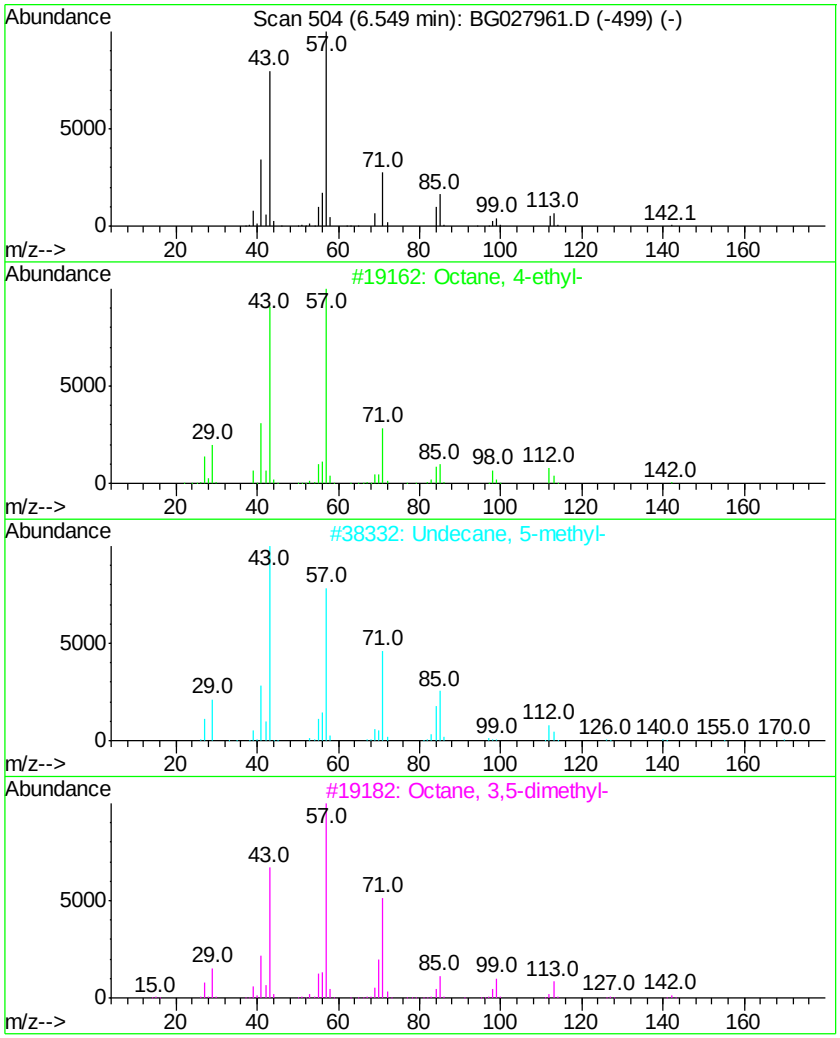
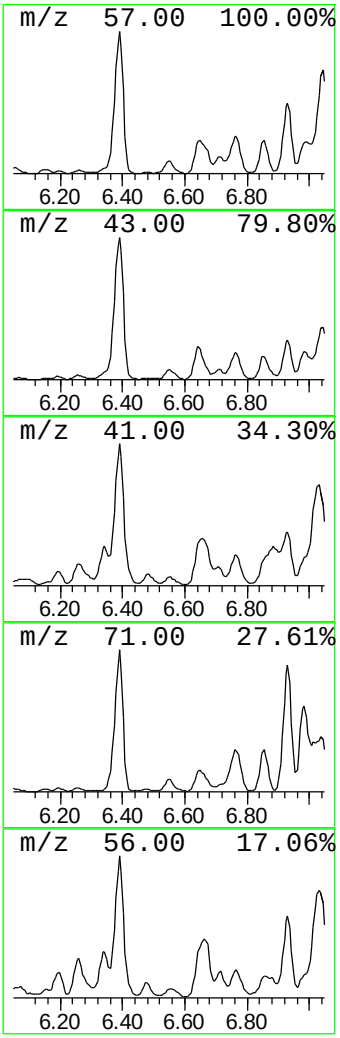
Peak Number 22 Octane, 4-ethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	3.11 ng/ul	1018060	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	86
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	59





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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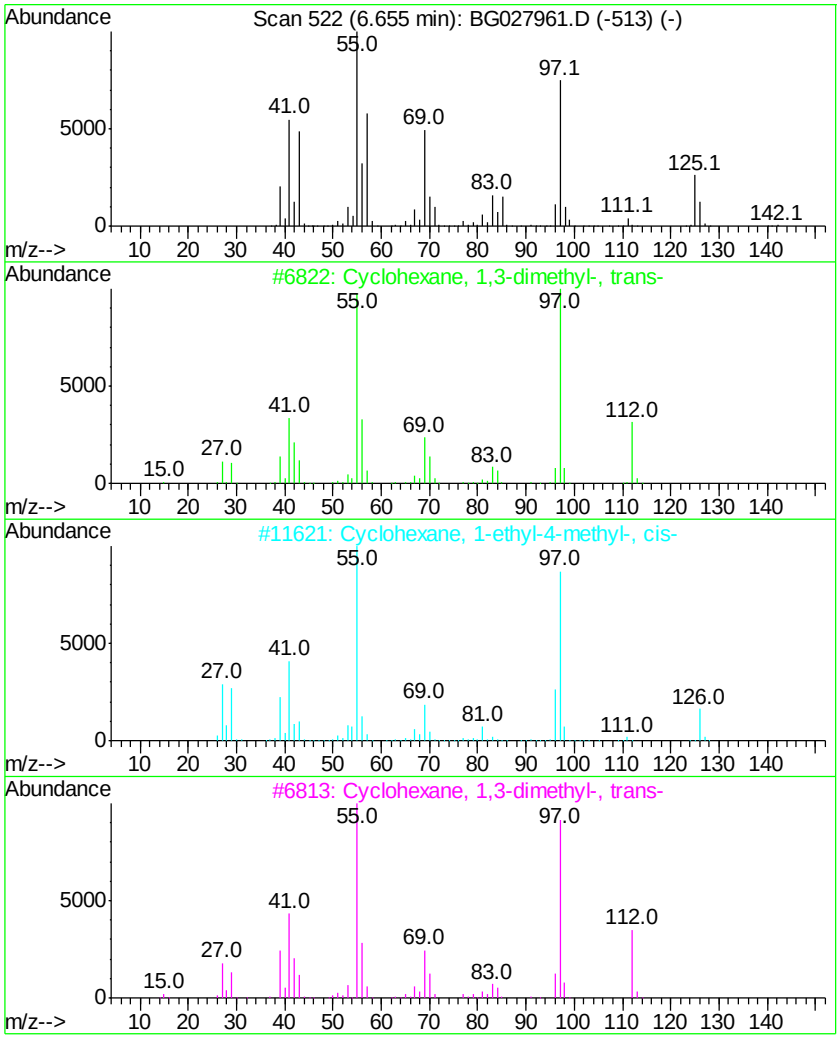
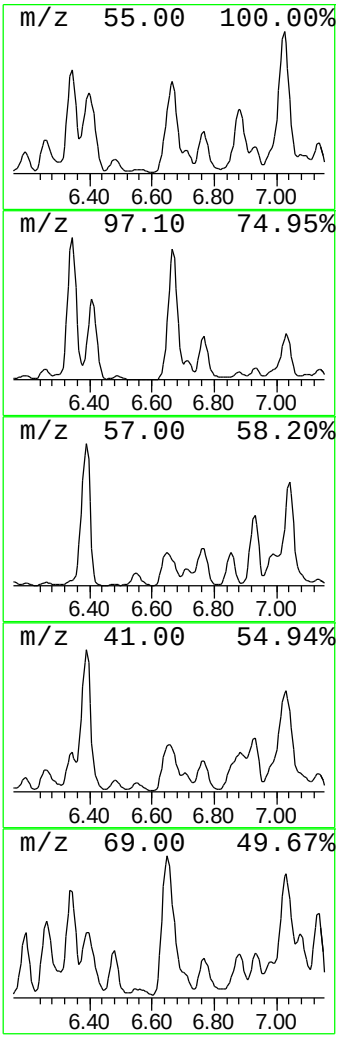
Peak Number 23 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	28.87 ng/ul	9454980	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	58





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

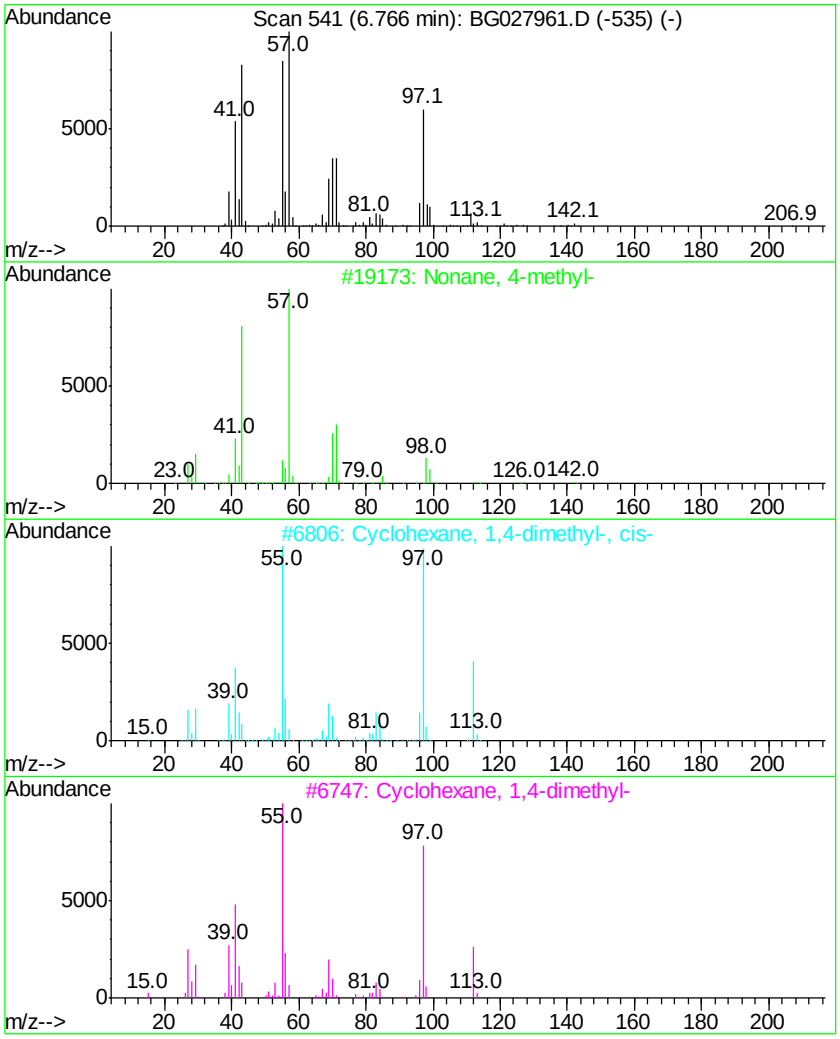
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

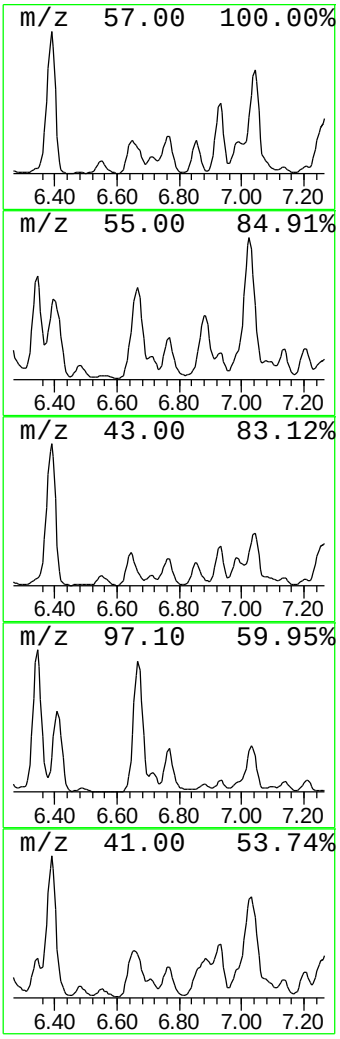
****

Peak Number 24 Nonane, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	12.69 ng/ul	4155930	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	38
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	35





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Quant Title : SVOA CALIBRATION

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

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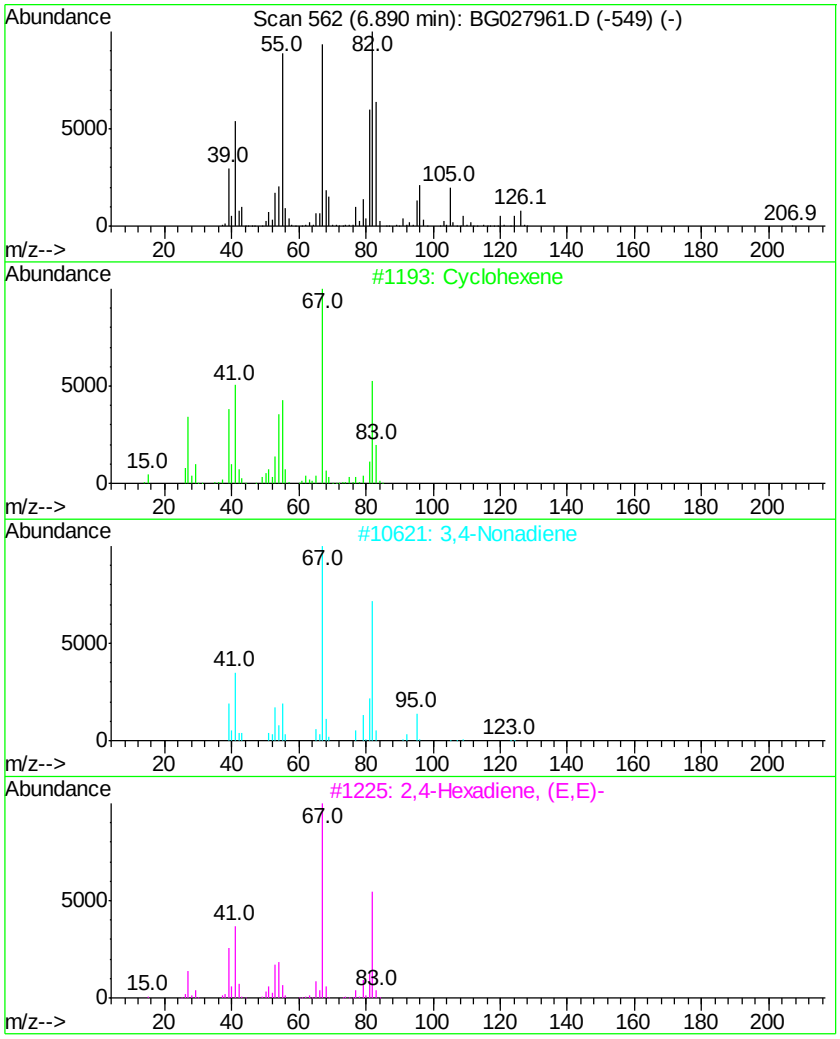
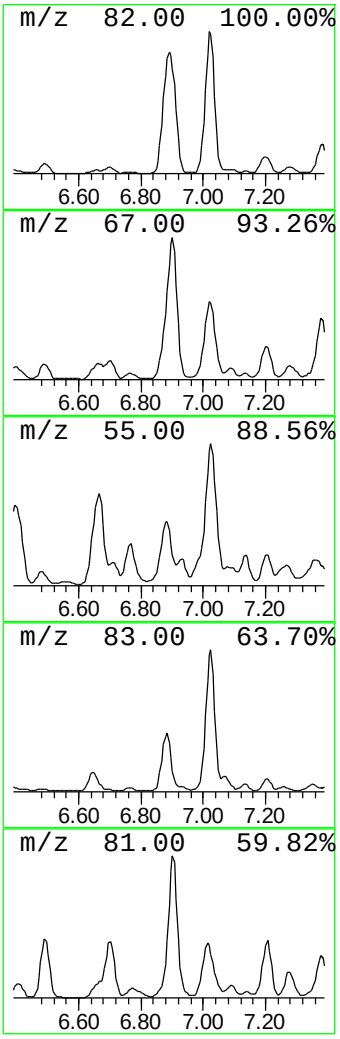
Peak Number 25 Cyclohexene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	31.92 ng/ul	10453600	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	52
2	3,4-Nonadiene	124	C9H16	037050-03-6	47
3	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	47
4	1-Cyclobutanone,2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	47
5	2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	46





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Quant Title : SVOA CALIBRATION

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

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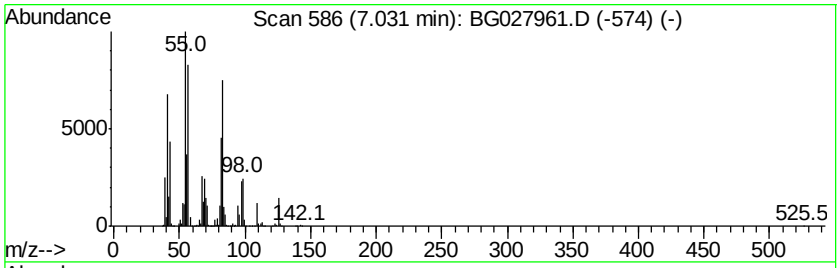
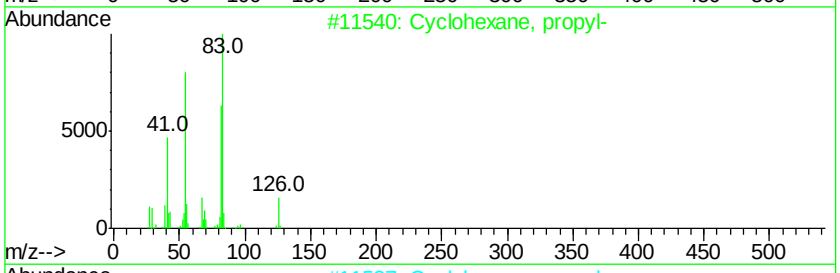
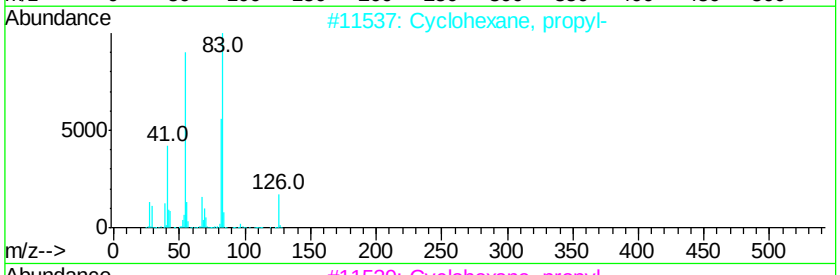
Peak Number 26 Cyclohexane, propyl- Concentration Rank 5

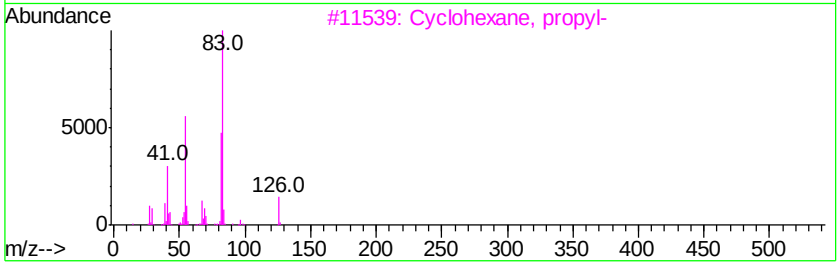
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	55.84 ng/ul	18285100	1,4-Dichlorobenzene-d4	8.39

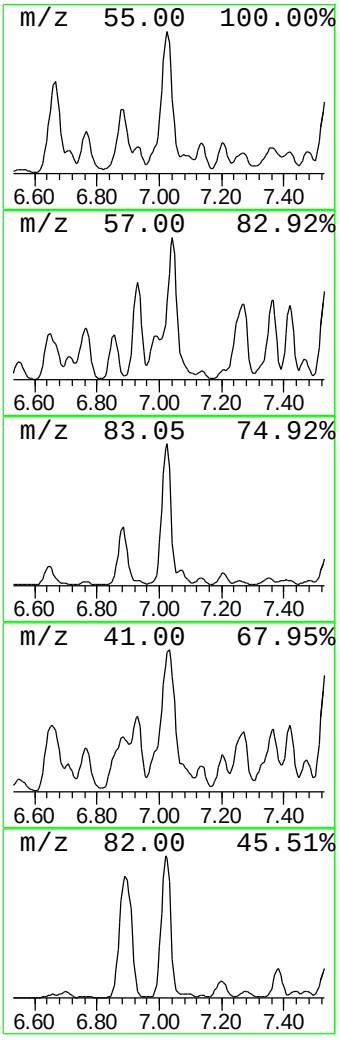
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	49
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4	Cyclooctanone	126	C8H14O	000502-49-8	46
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43











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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

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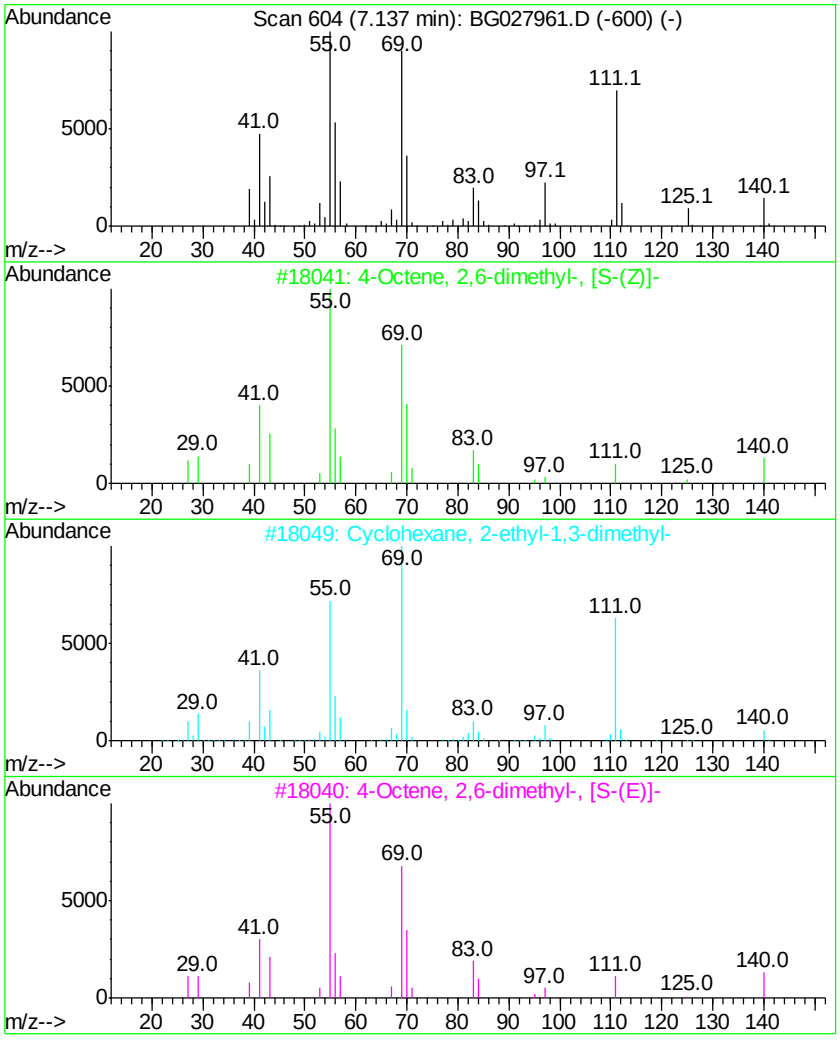
Quant Title : SVOA CALIBRATION

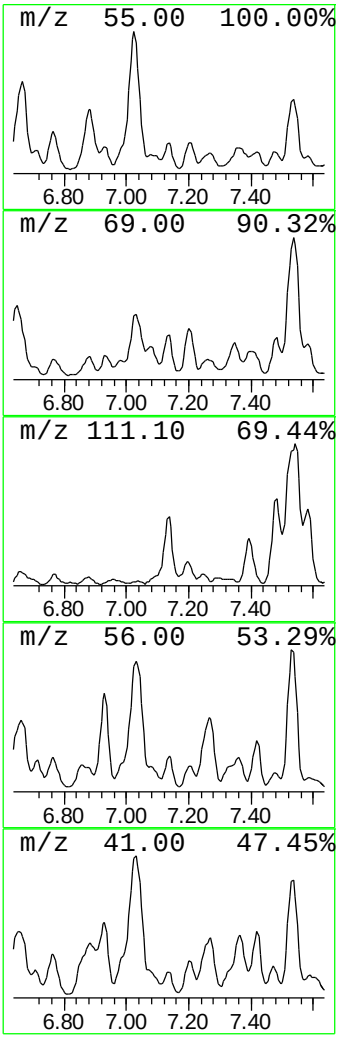
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	5.28 ng/ul	1730080	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
2	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	52
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	49





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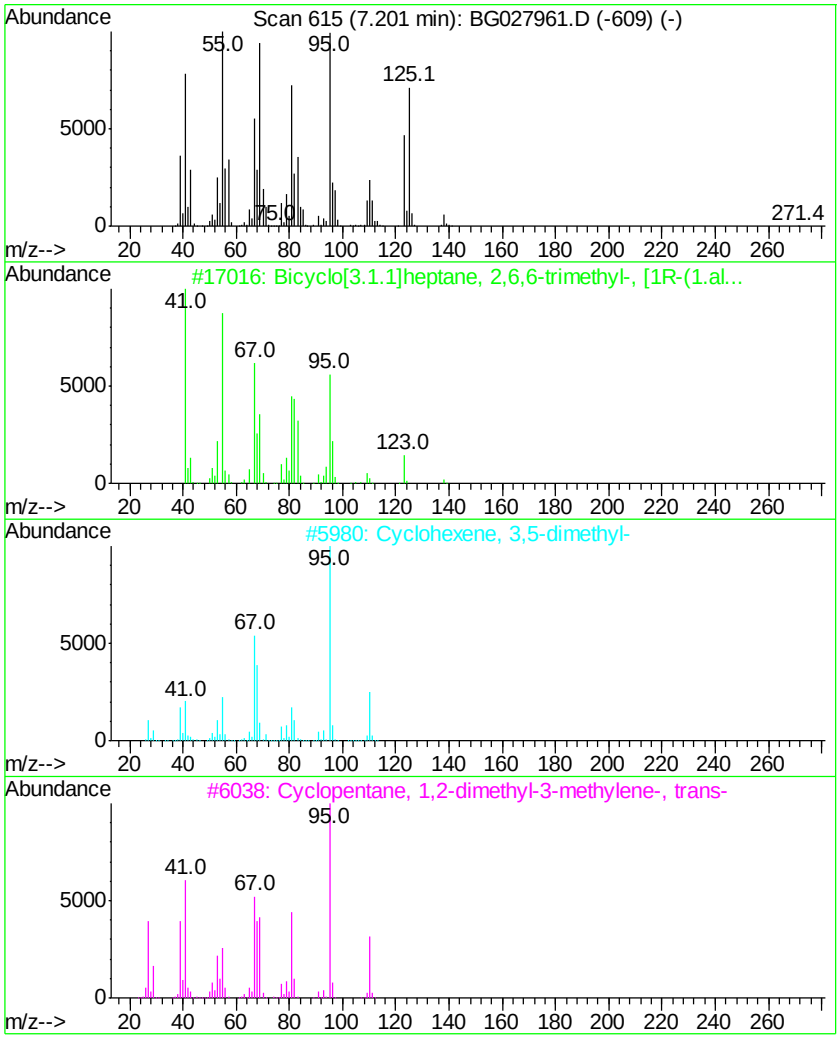
Quant Title : SVOA CALIBRATION

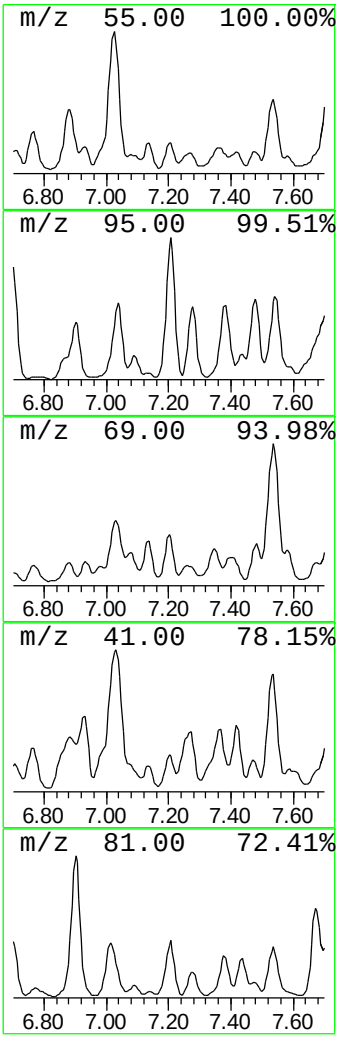
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	11.74 ng/ul	3843860	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	41
2	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	38
3	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	38
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	35





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Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
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Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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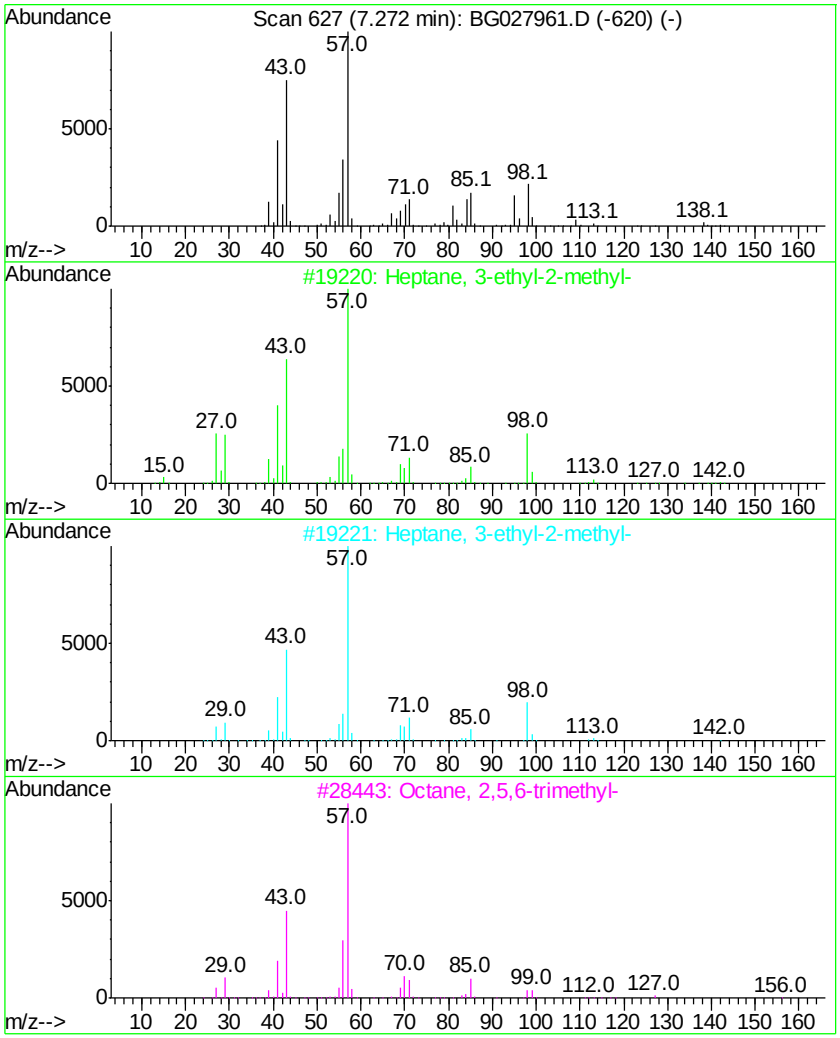
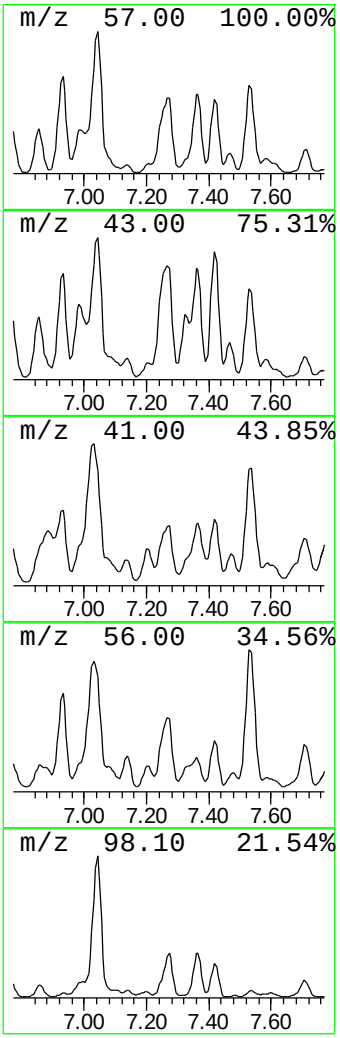
Peak Number 29 Heptane, 3-ethyl-2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	14.59 ng/ul	4777110	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5	Decane, 5-methyl-	156	C11H24	013151-35-4	43





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Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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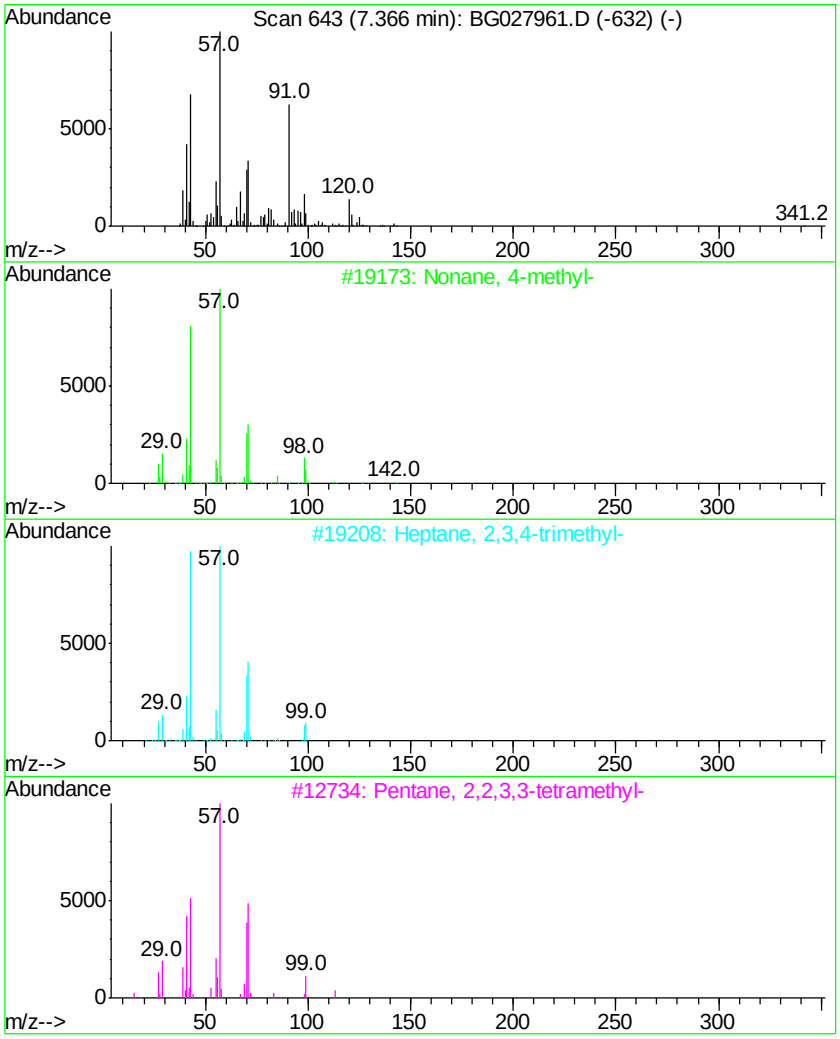
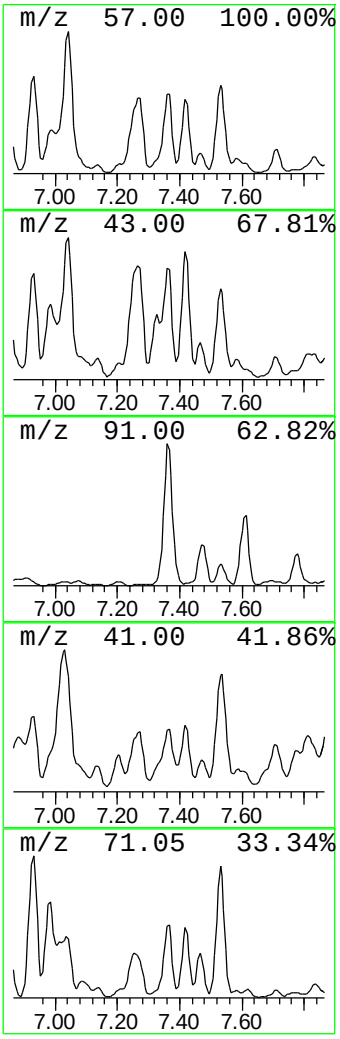
Peak Number 30 Nonane, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	24.18 ng/ul	7918940	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	62
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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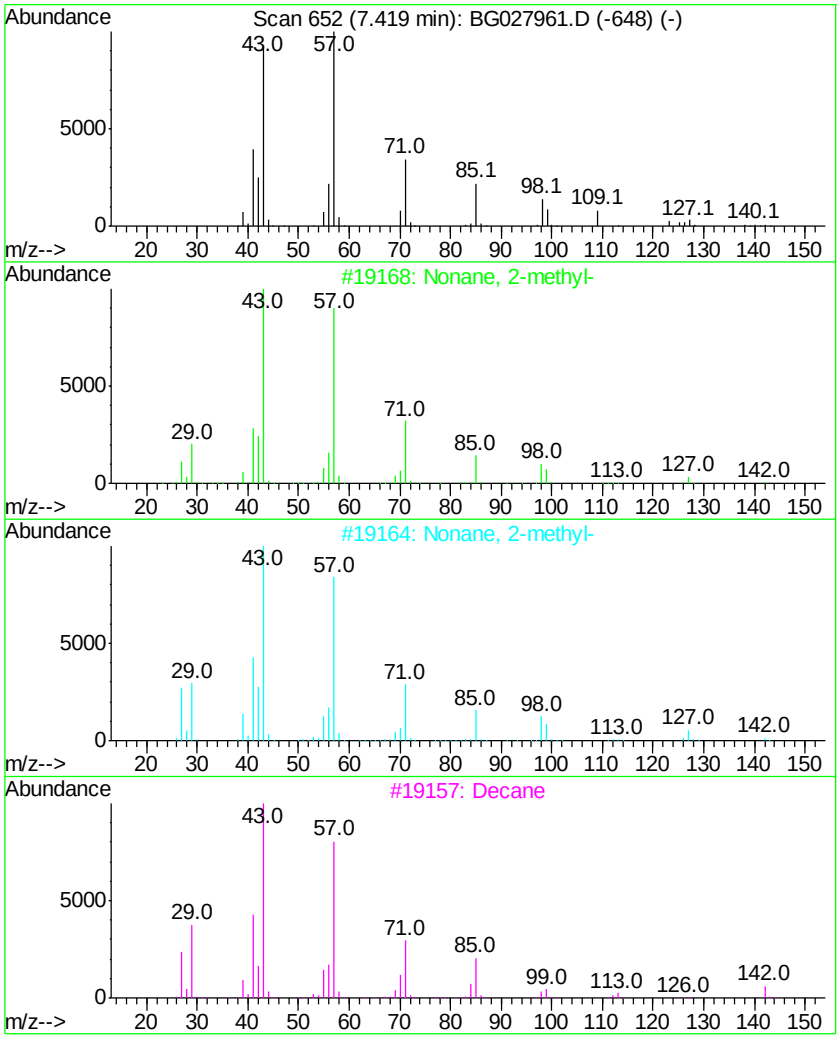
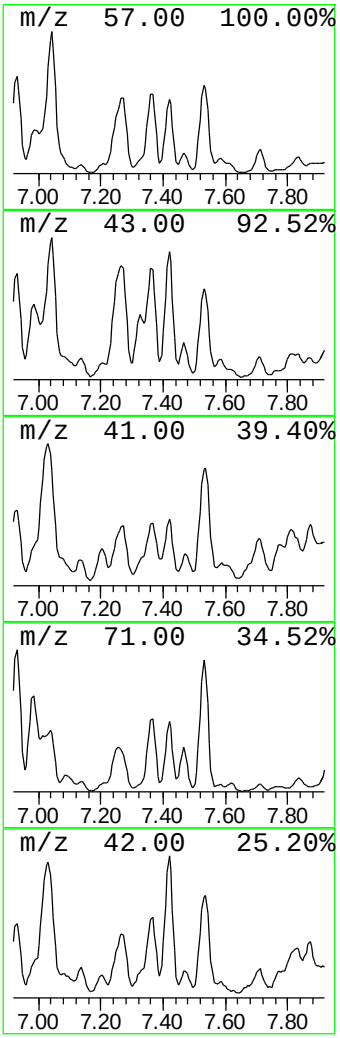
Peak Number 31 Nonane, 2-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	8.48 ng/ul	2776270	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	91
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	83
3	Decane	142	C10H22	000124-18-5	64
4	Nonane	128	C9H20	000111-84-2	59
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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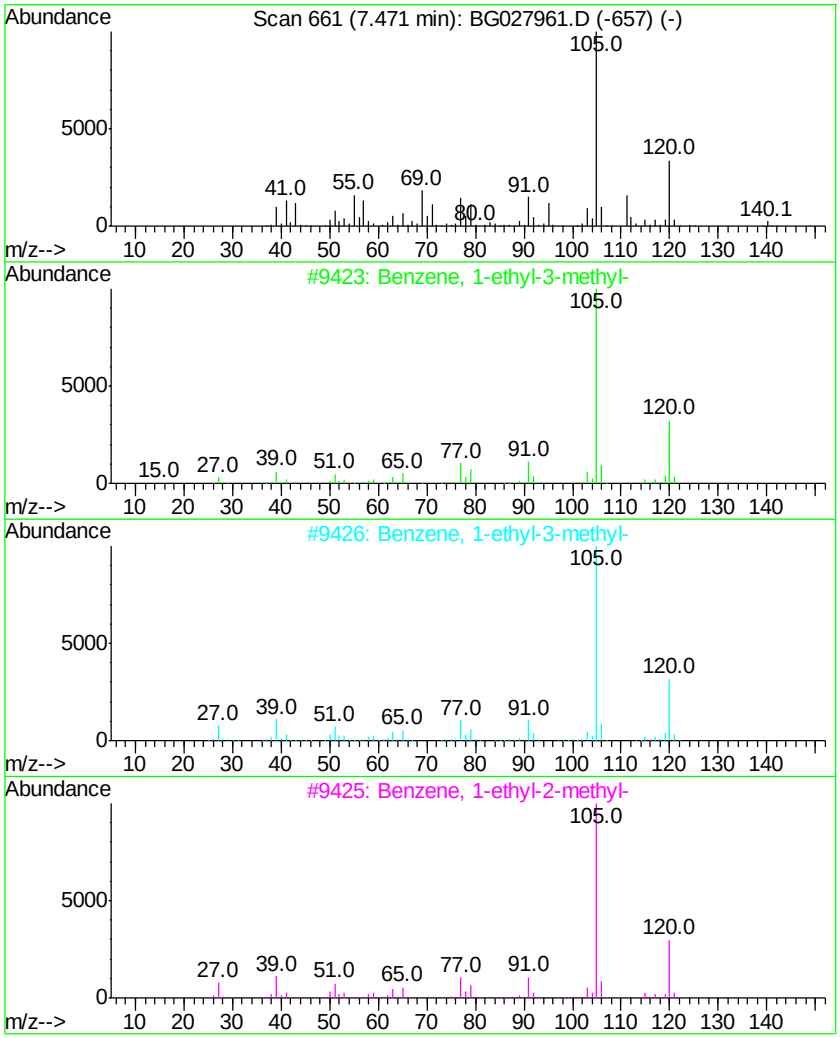
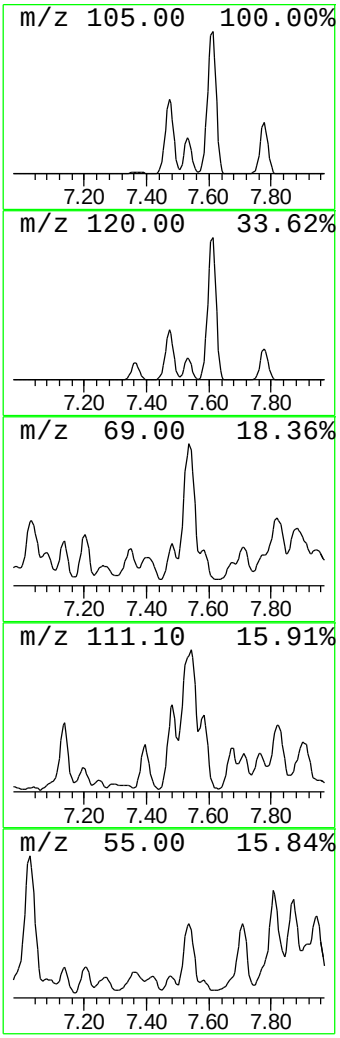
Peak Number 32 Benzene, 1-ethyl-3-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	11.71 ng/ul	3833540	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76





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Misc :
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Quant Title : SVOA CALIBRATION

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

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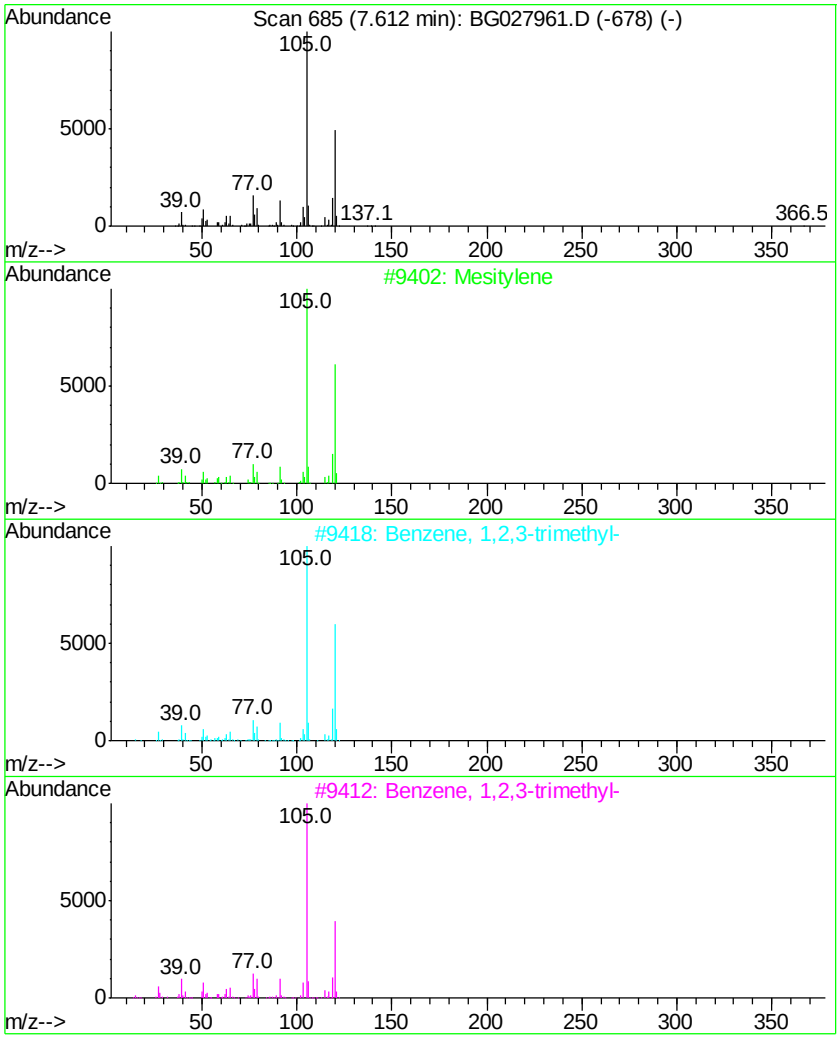
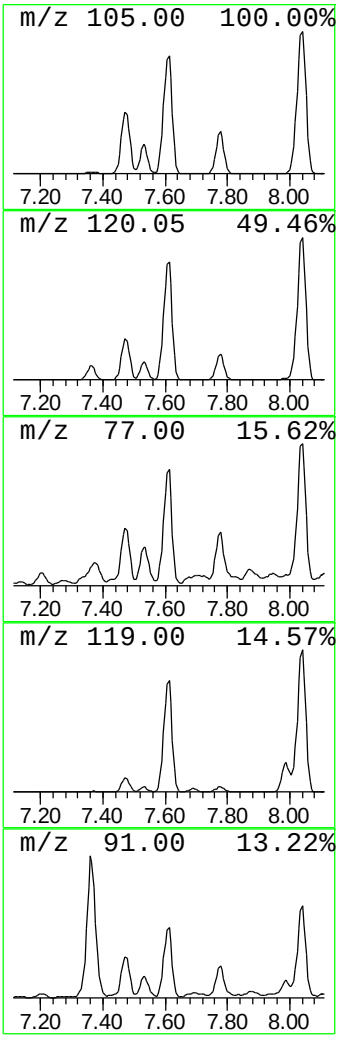
Peak Number 33 Mesitylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	24.62 ng/ul	8063040	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	94





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Quant Title : SVOA CALIBRATION

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

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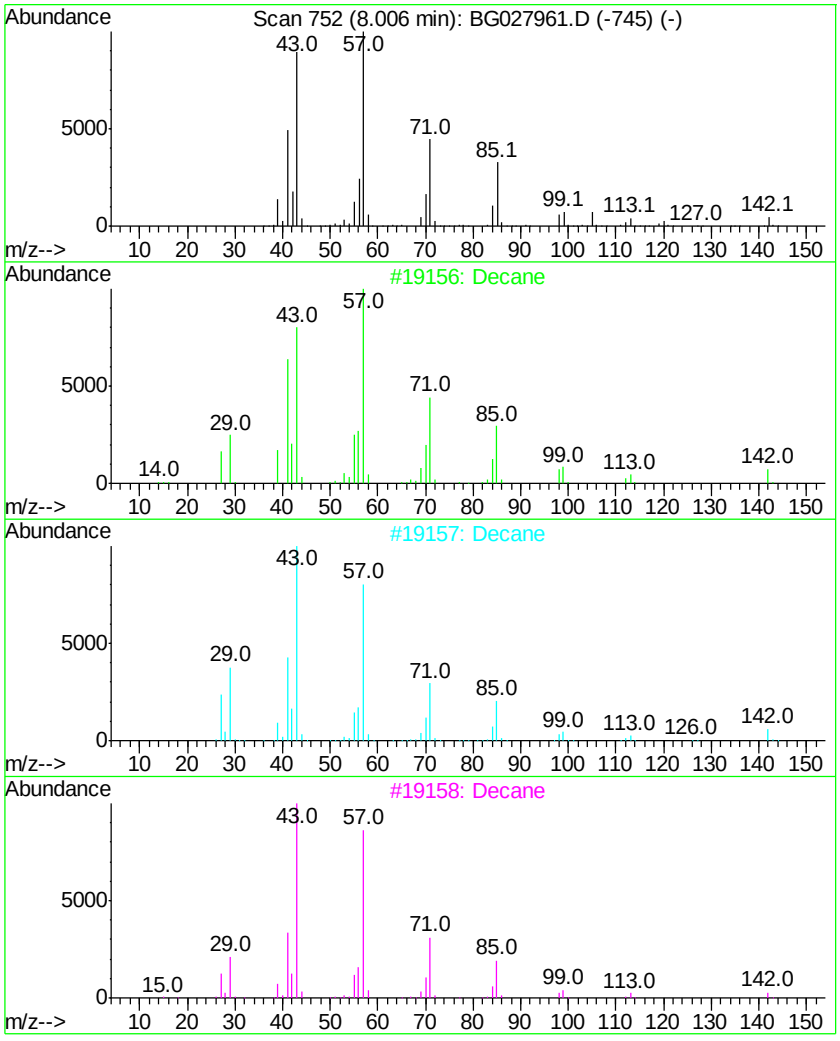
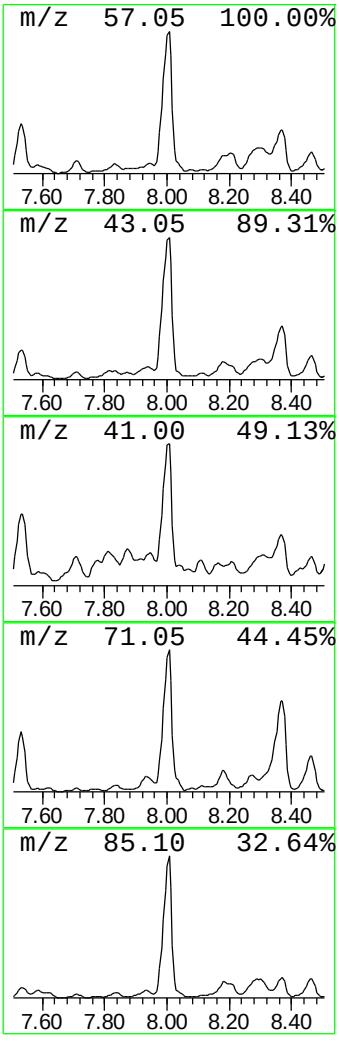
Peak Number 34 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	41.90 ng/ul	13719600	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	96
2	Decane	142	C10H22	000124-18-5	95
3	Decane	142	C10H22	000124-18-5	94
4	Nonane	128	C9H20	000111-84-2	76
5	Decane	142	C10H22	000124-18-5	76





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Misc :
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Instrument :
BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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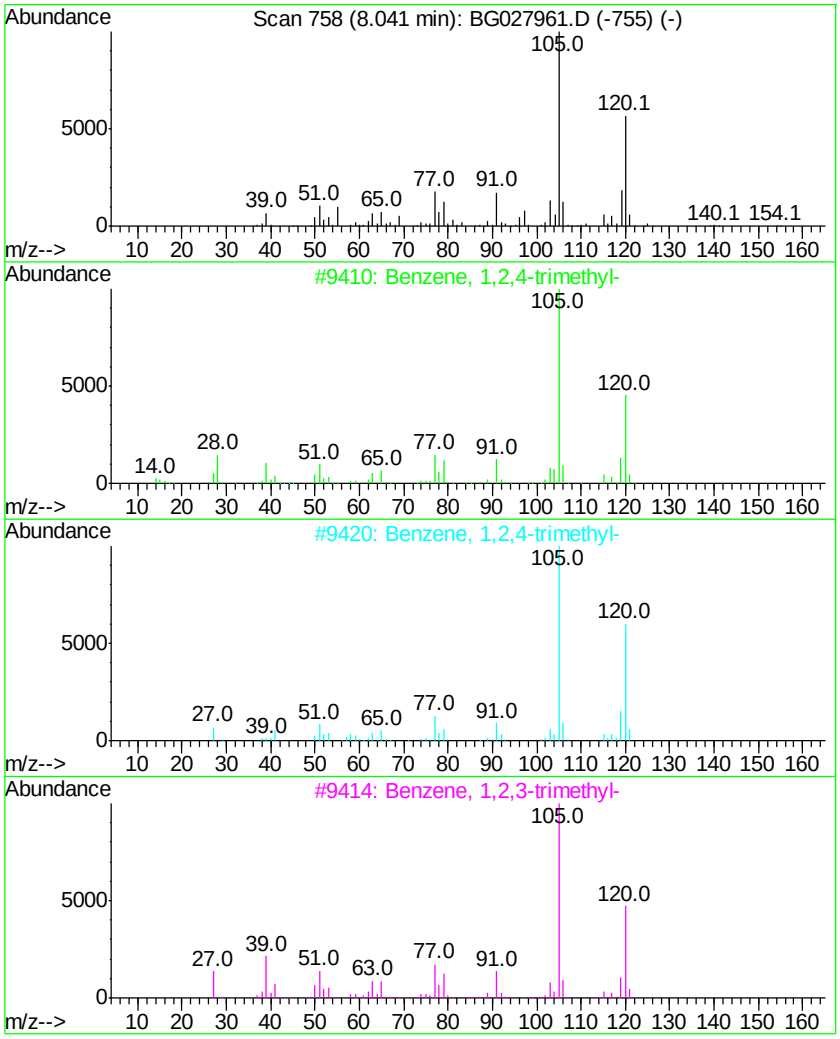
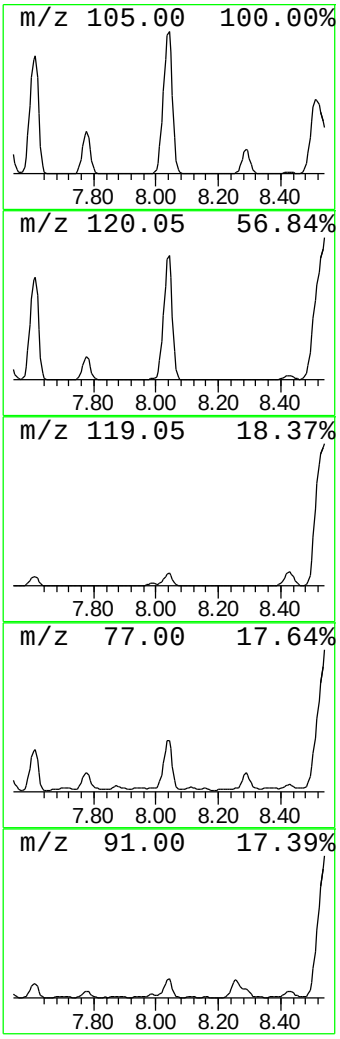
Peak Number 35 Benzene, 1,2,4-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	22.25 ng/ul	7286400	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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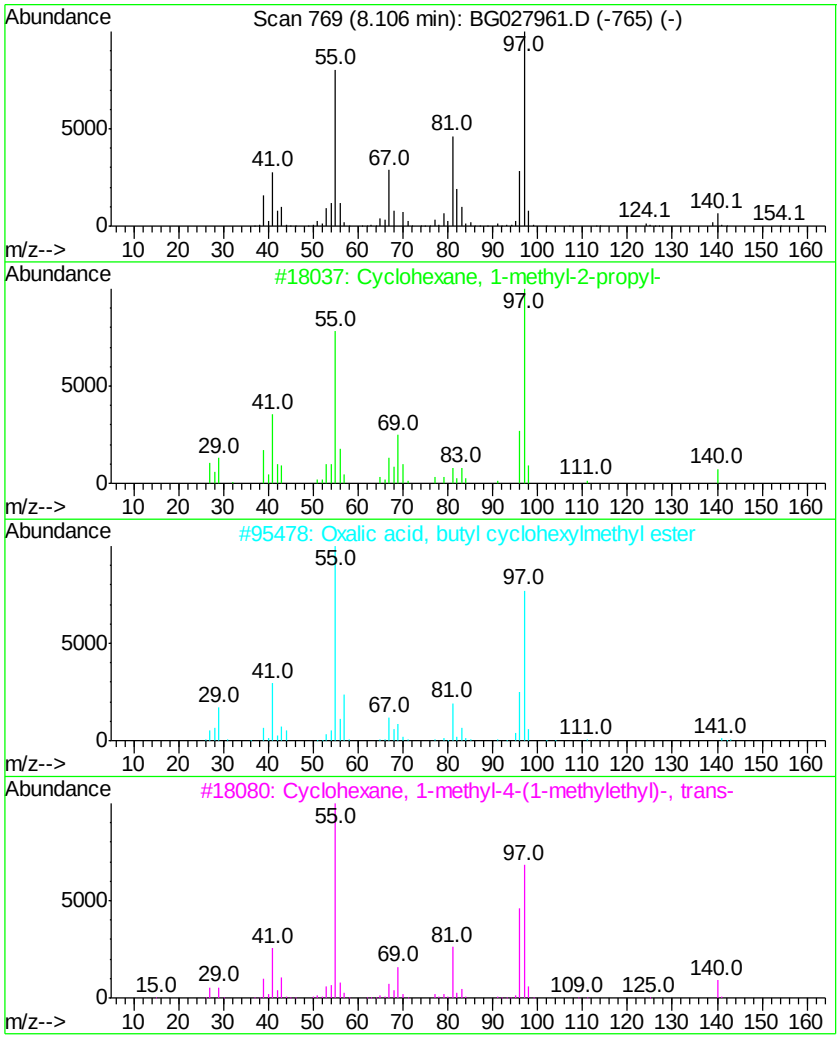
Quant Title : SVOA CALIBRATION

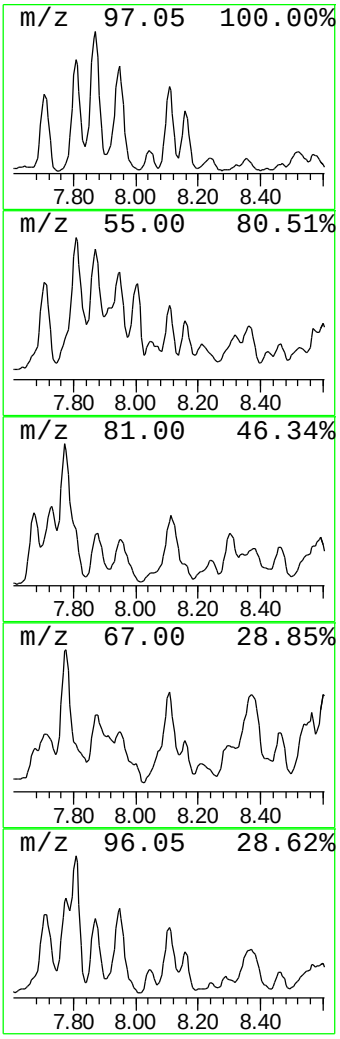
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Cyclohexane, 1-methyl-2-pro... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	6.37 ng/ul	2085590	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	68
2	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	59
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
4	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53





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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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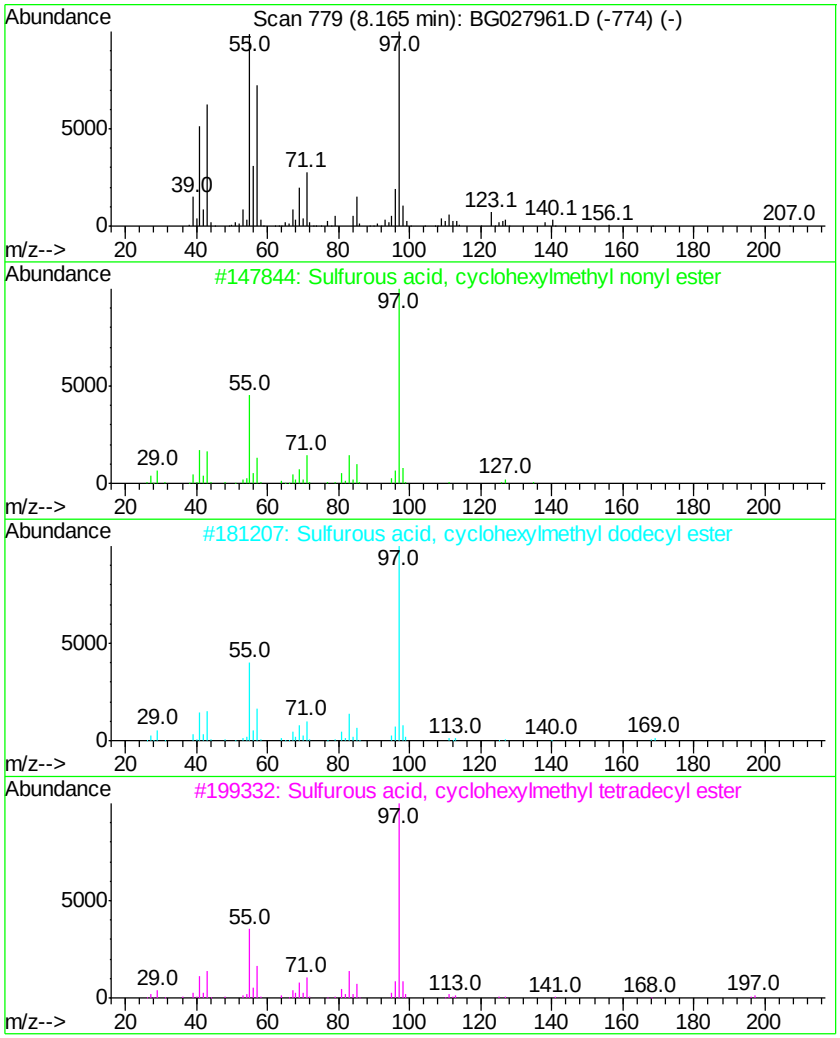
Quant Title : SVOA CALIBRATION

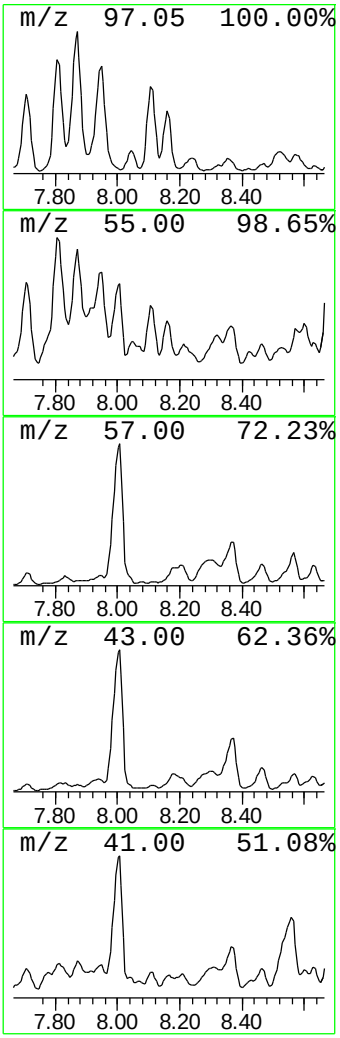
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Sulfurous acid, cyclohexylm... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	4.88 ng/ul	1598430	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
2	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
3	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	59
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	53





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : SVOA CALIBRATION

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

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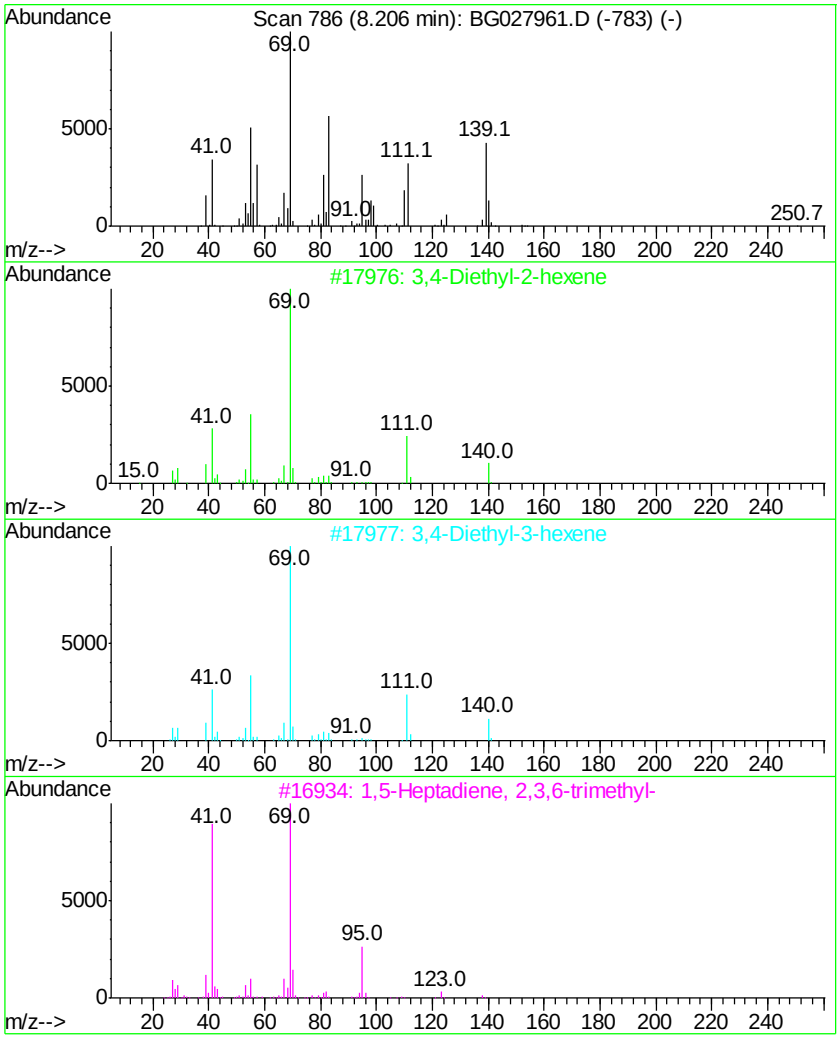
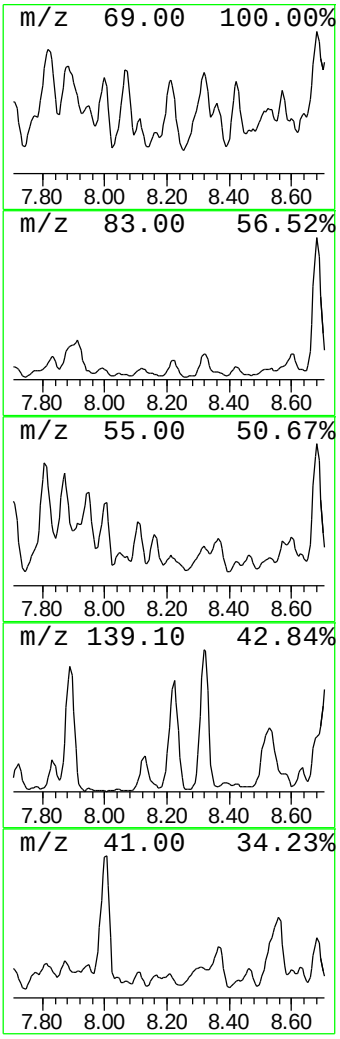
Peak Number 38 3,4-Diethyl-2-hexene Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	3.30 ng/ul	1081490	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	38
2	3,4-Diethyl-3-hexene	140	C10H20	000868-46-2	38
3	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	27
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	27
5	4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	22





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : SVOA CALIBRATION

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

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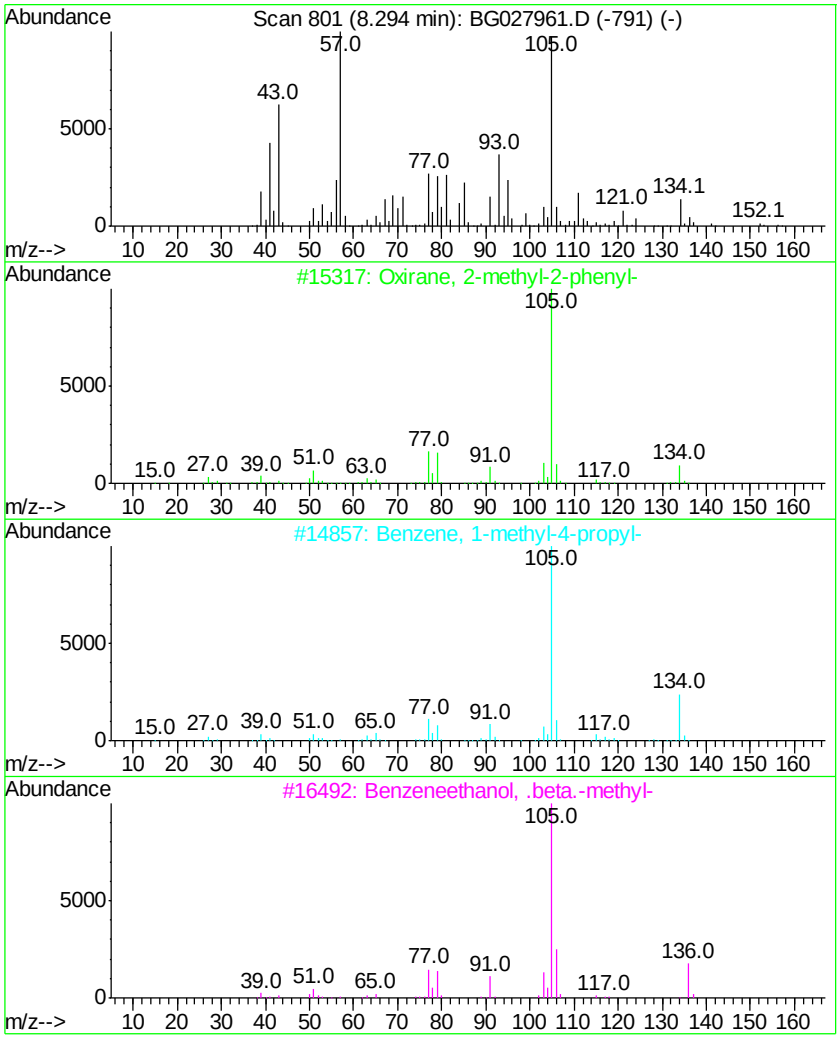
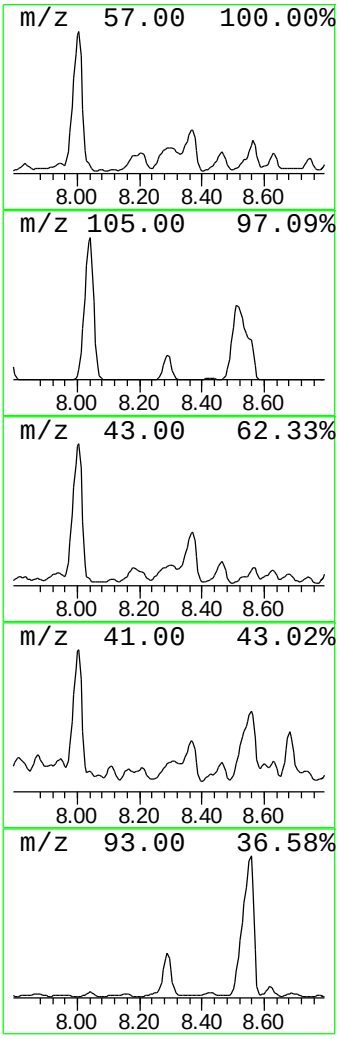
Peak Number 39 Oxirane, 2-methyl-2-phenyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	18.72 ng/ul	6129710	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	38
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
3	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	25
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25





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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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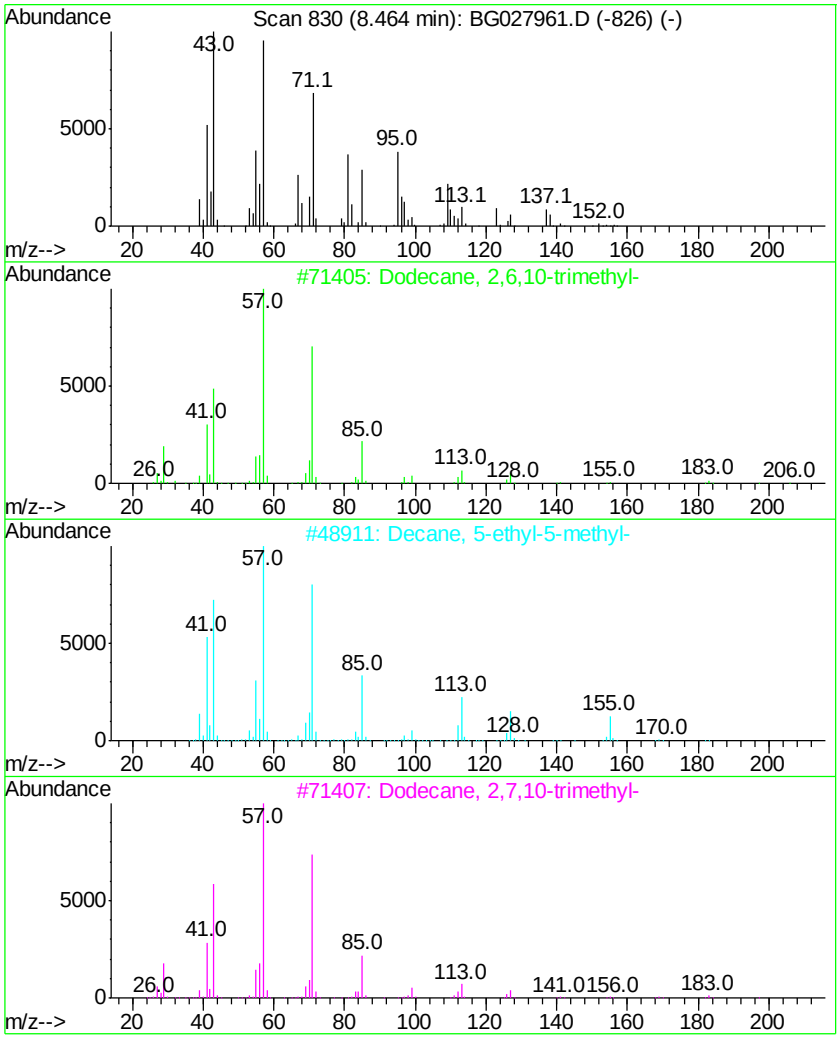
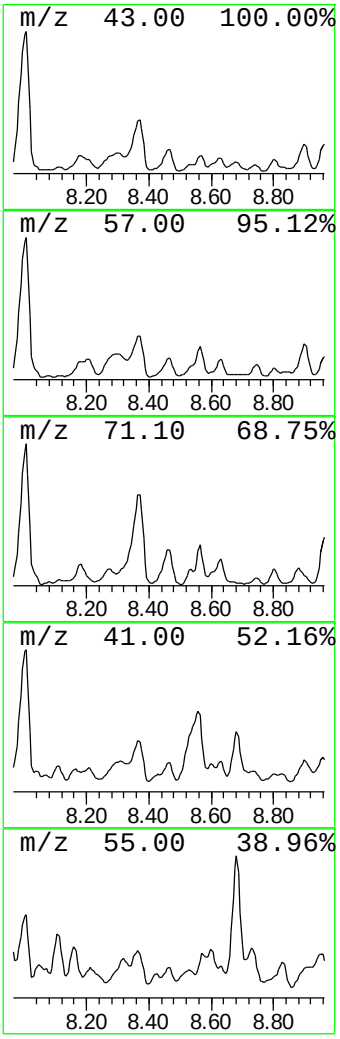
Peak Number 40 Dodecane, 2,6,10-trimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	4.42 ng/ul	1447820	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
2	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	35
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	35
4	Decane, 3-methyl-	156	C11H24	013151-34-3	30
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	27





Library Search Compound Report

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Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
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Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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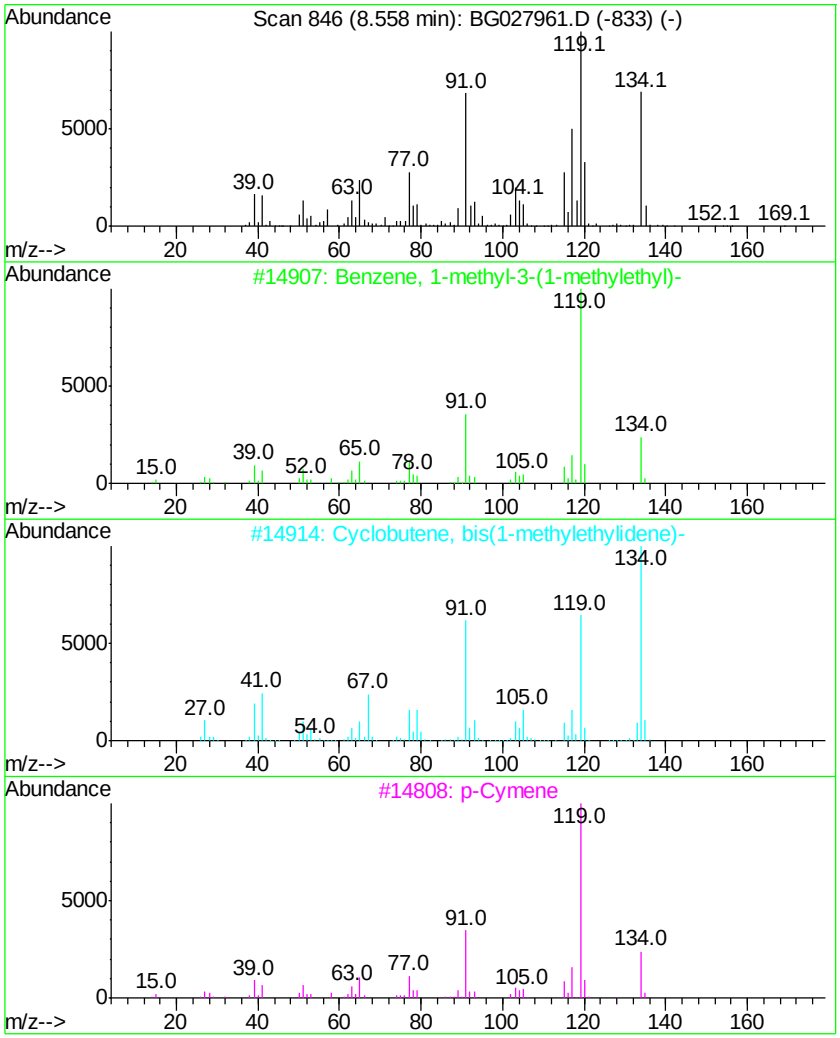
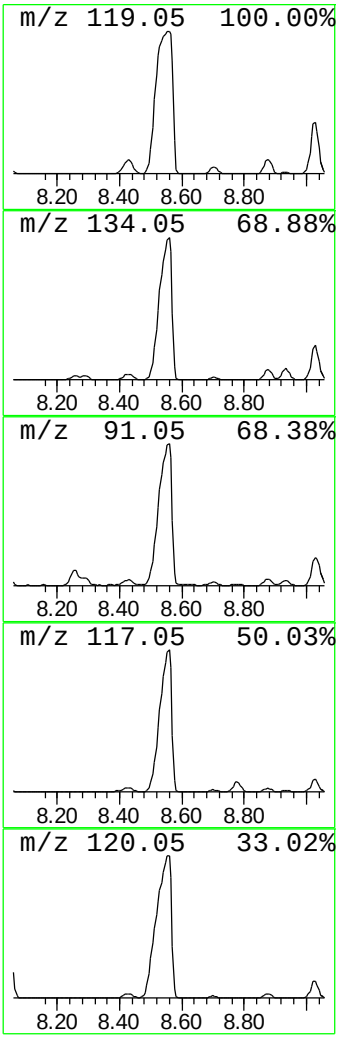
Peak Number 41 Benzene, 1-methyl-3-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	174.56 ng/ul	57162200	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
2	Cyclobutene, bis(1-methylethylid...	134	C10H14	003642-14-6	64
3	p-Cymene	134	C10H14	000099-87-6	64
4	o-Cymene	134	C10H14	000527-84-4	58
5	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	55





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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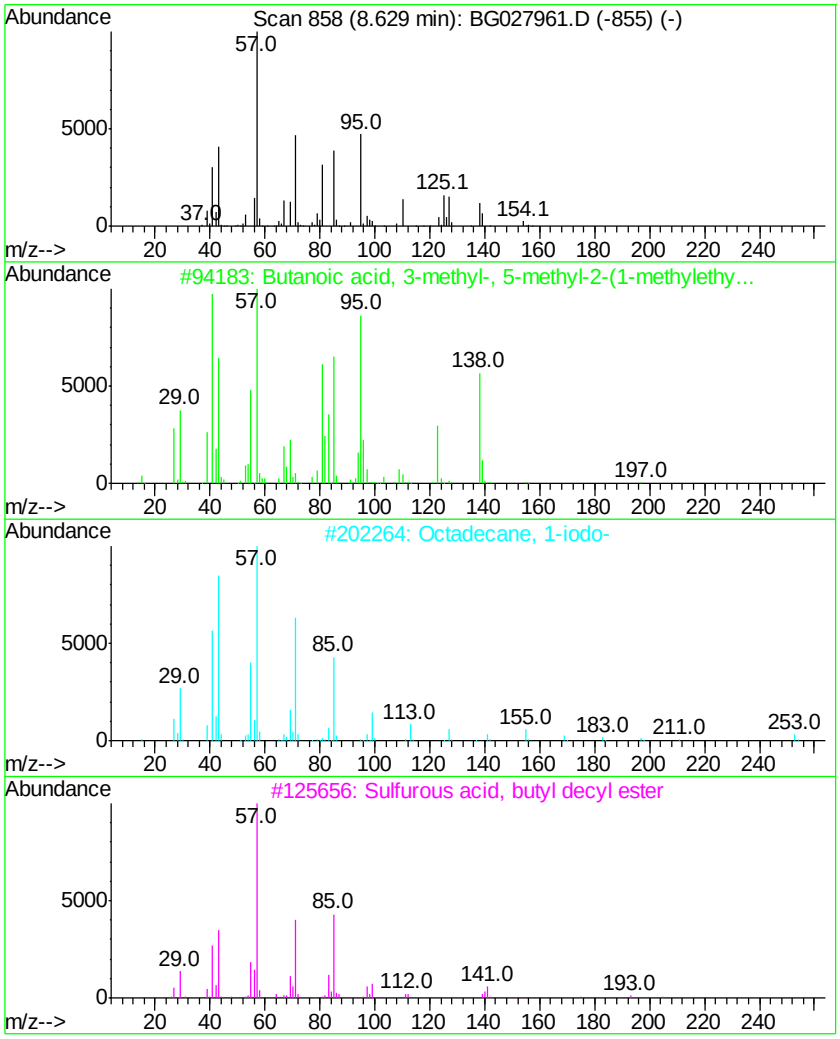
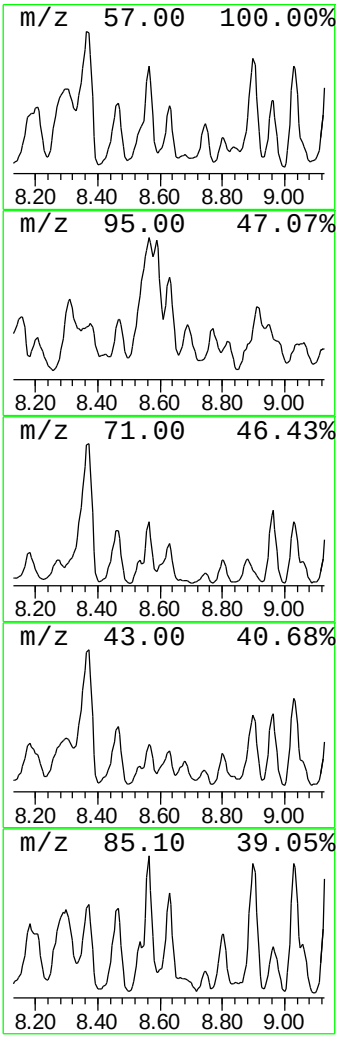
Peak Number 42 Butanoic acid, 3-methyl-, 5... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.07 ng/ul	1988220	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, 5-meth...	240	C15H28O2	000089-47-4	38
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	38
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
4	1-Iodoundecane	282	C11H23I	004282-44-4	38
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38





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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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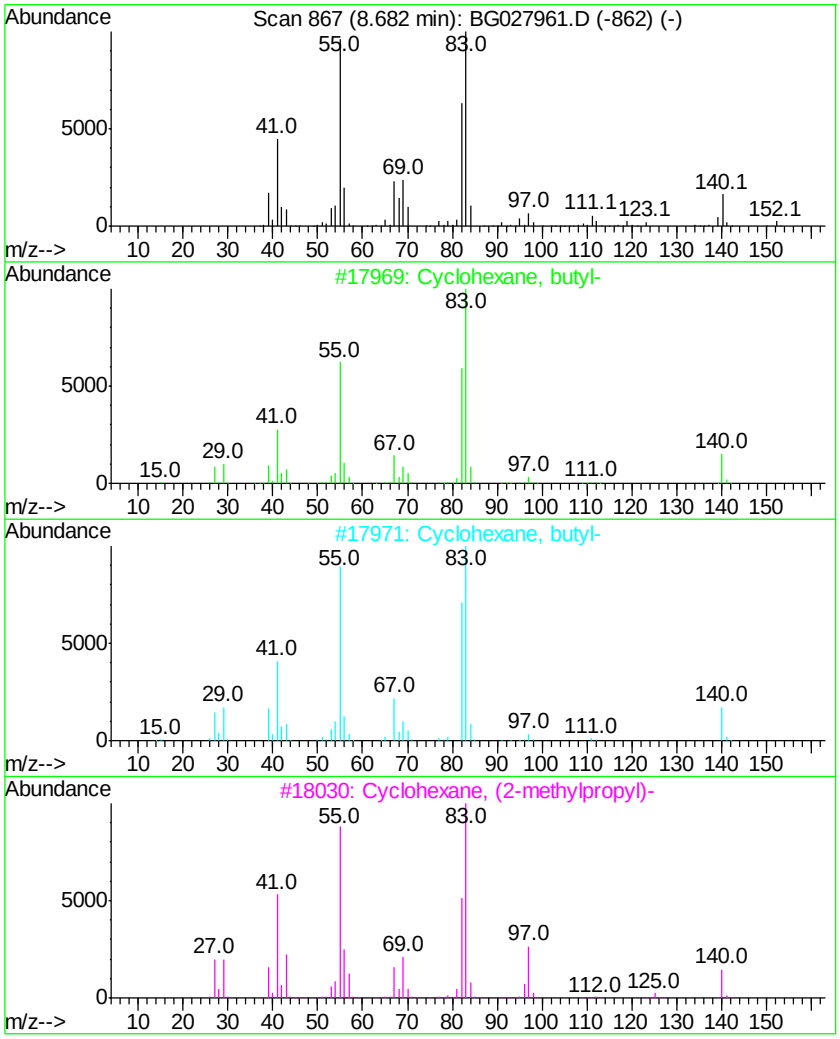
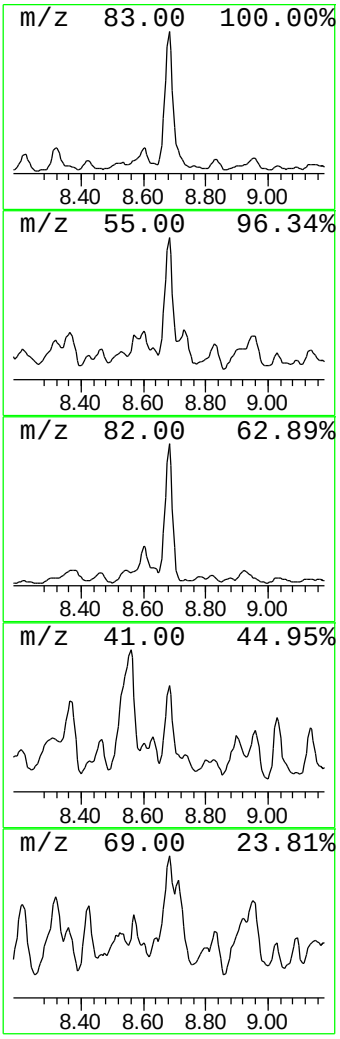
Peak Number 43 Cyclohexane, butyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	20.08 ng/ul	6575190	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	78





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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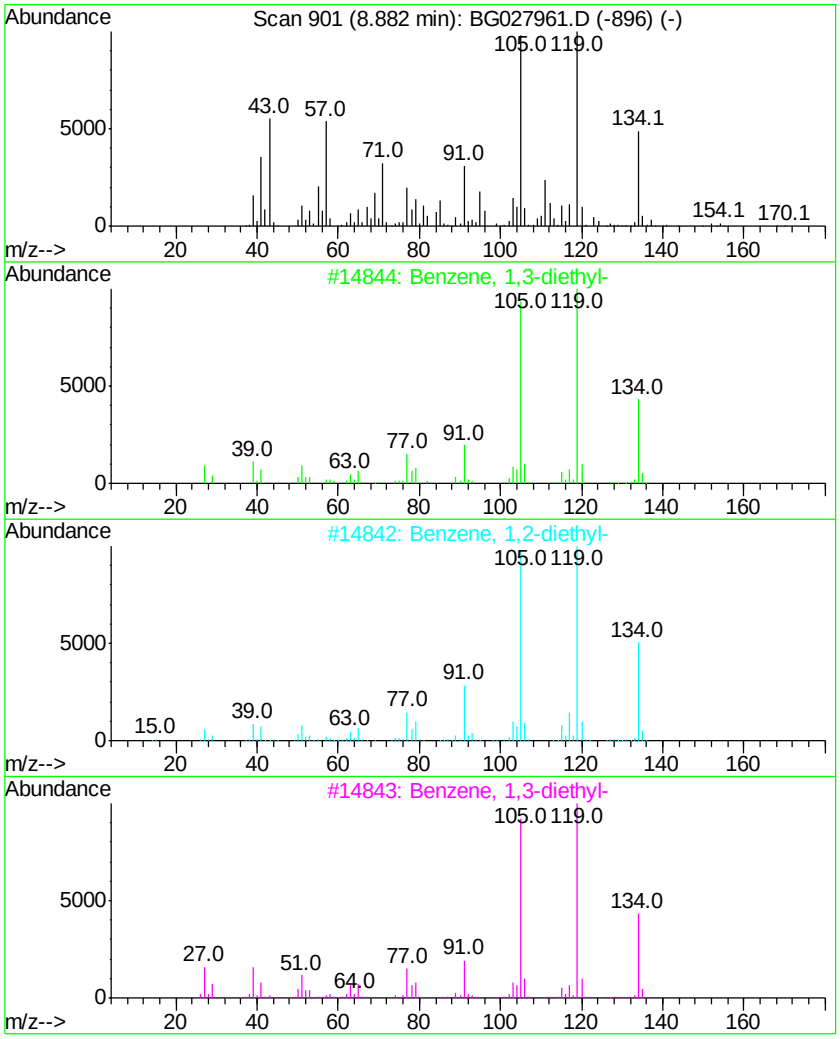
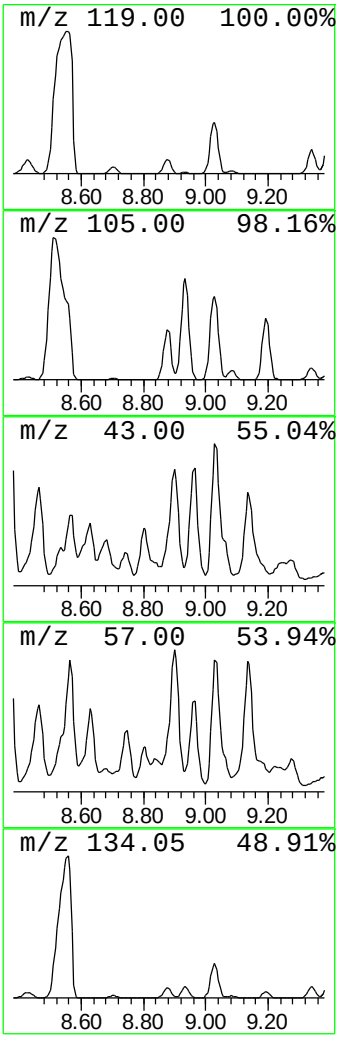
Peak Number 44 Benzene, 1,3-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	15.57 ng/ul	5097490	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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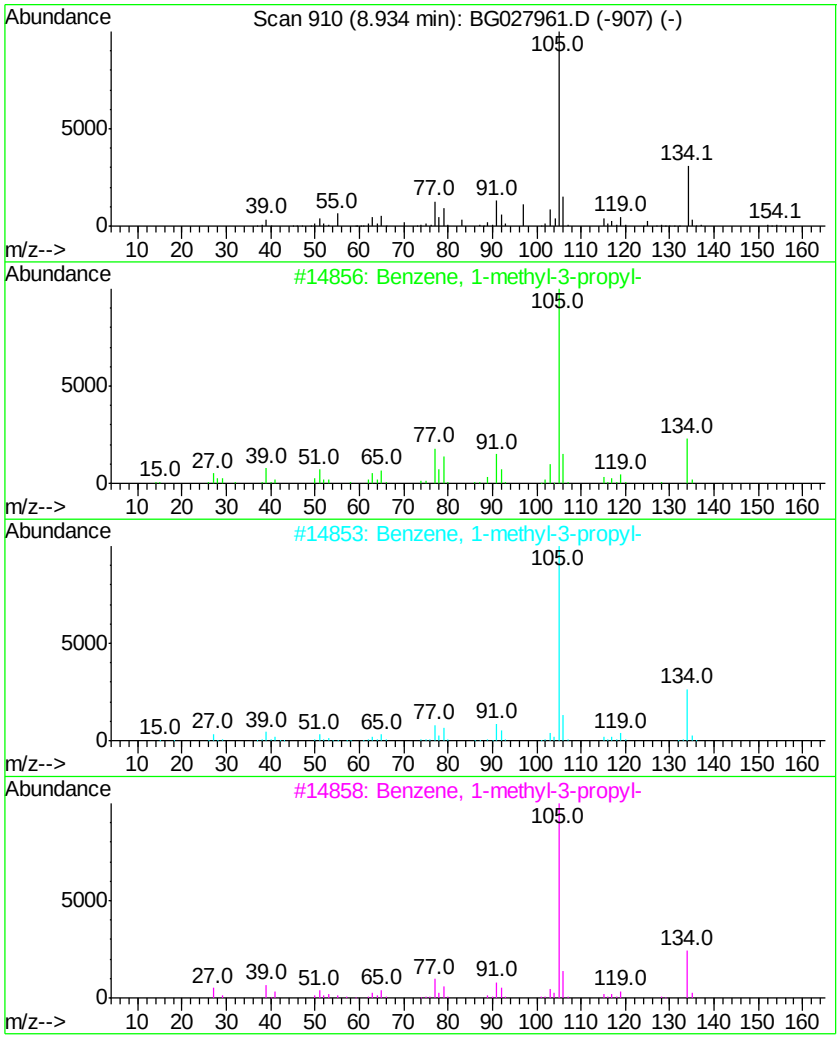
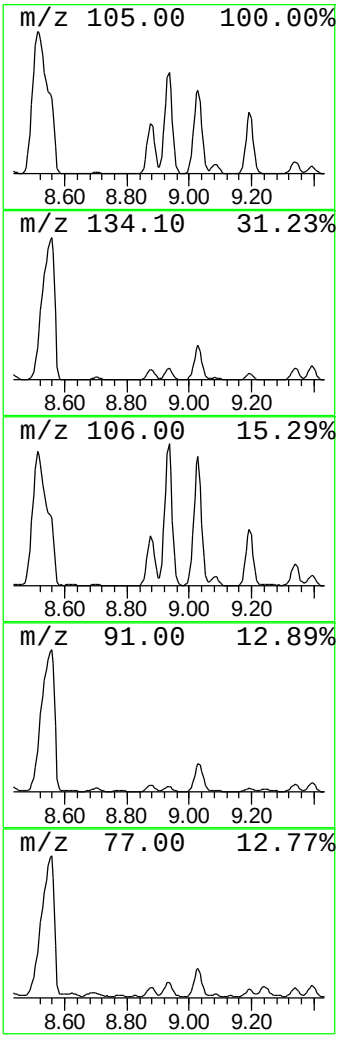
Peak Number 45 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	21.36 ng/ul	6995180	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87





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Sample : I4212-01DL 10X
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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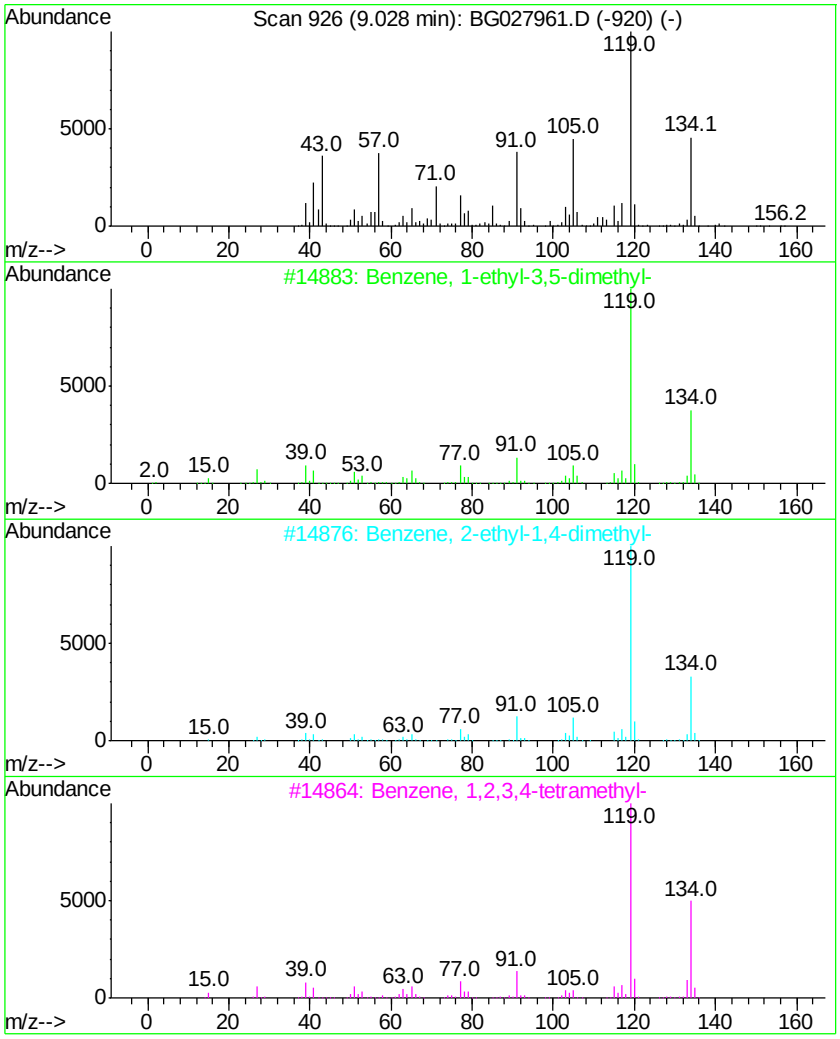
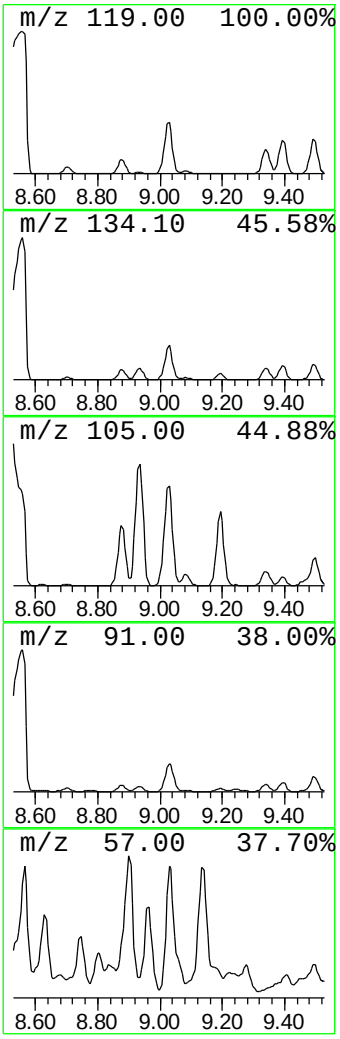
Peak Number 46 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	34.74 ng/ul	11374500	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89





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Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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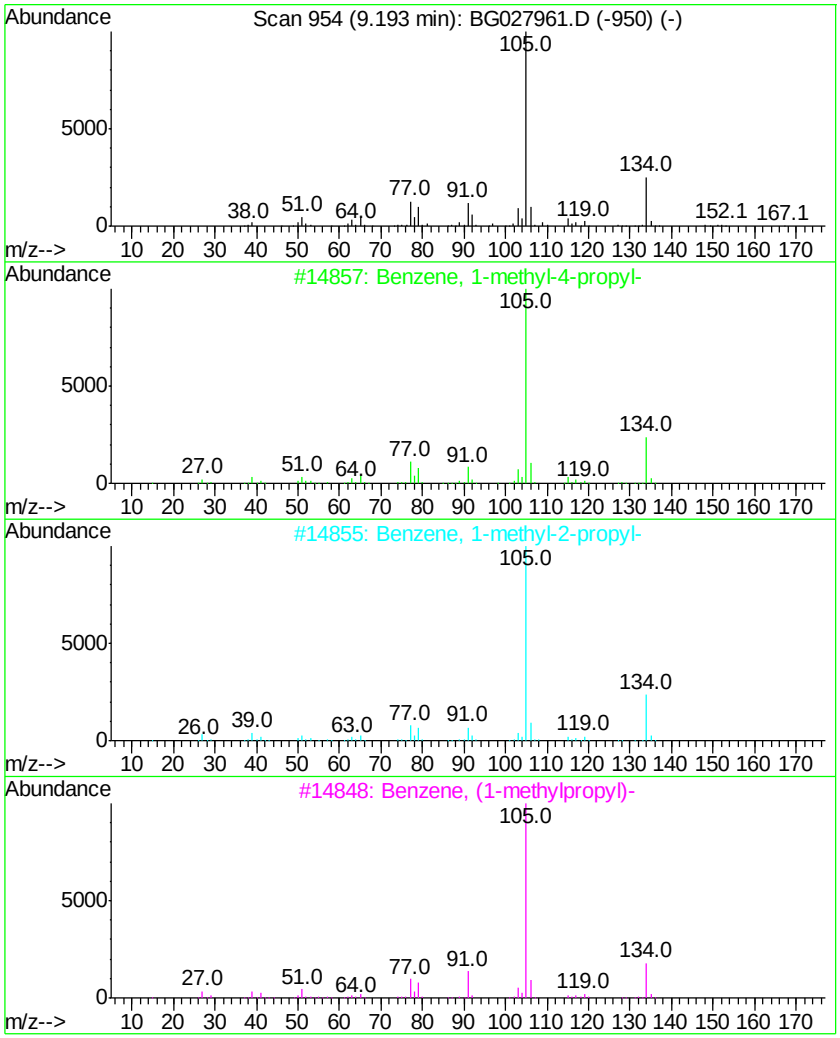
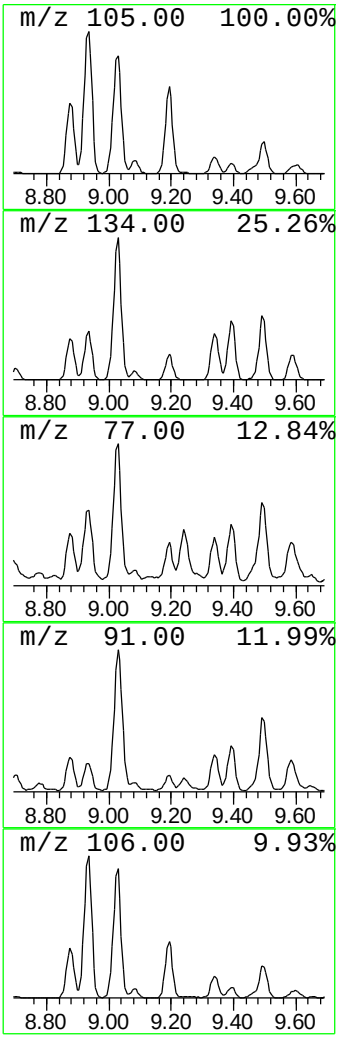
Peak Number 47 Benzene, 1-methyl-4-propyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.82 ng/ul	922419	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90





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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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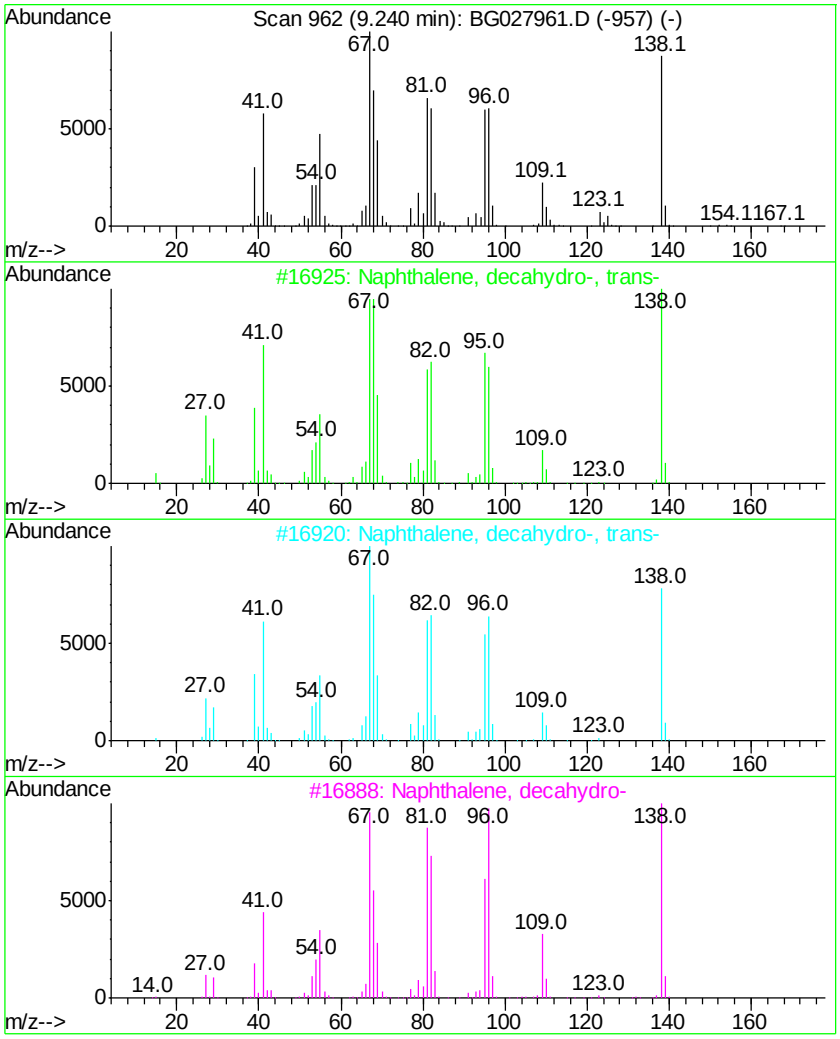
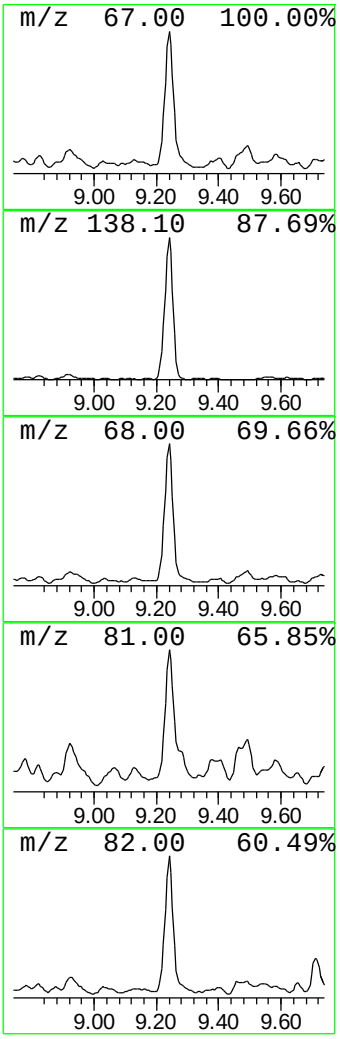
Peak Number 48 Naphthalene, decahydro-, tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	32.08 ng/ul	10503200	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	94





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Quant Title : SVOA CALIBRATION

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

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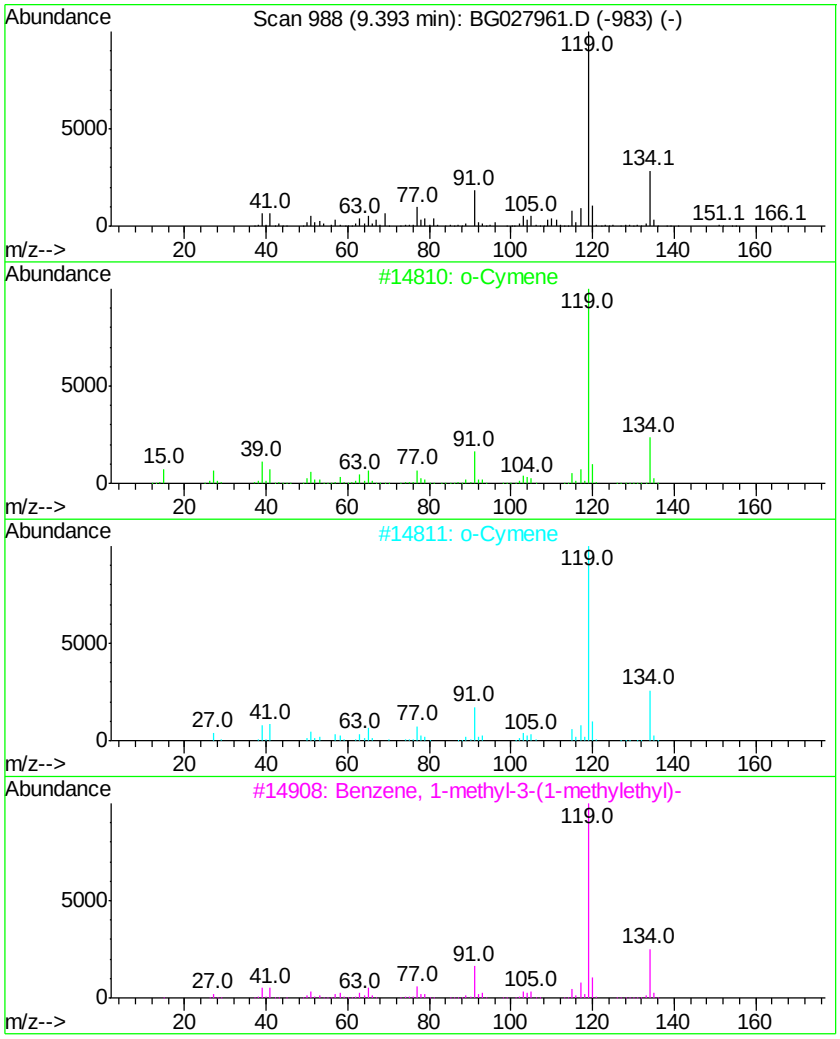
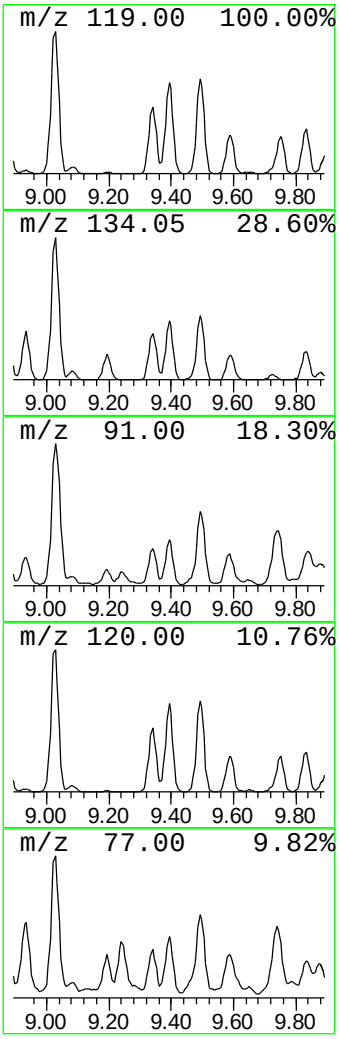
Peak Number 49 o-Cymene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	14.27 ng/ul	4673720	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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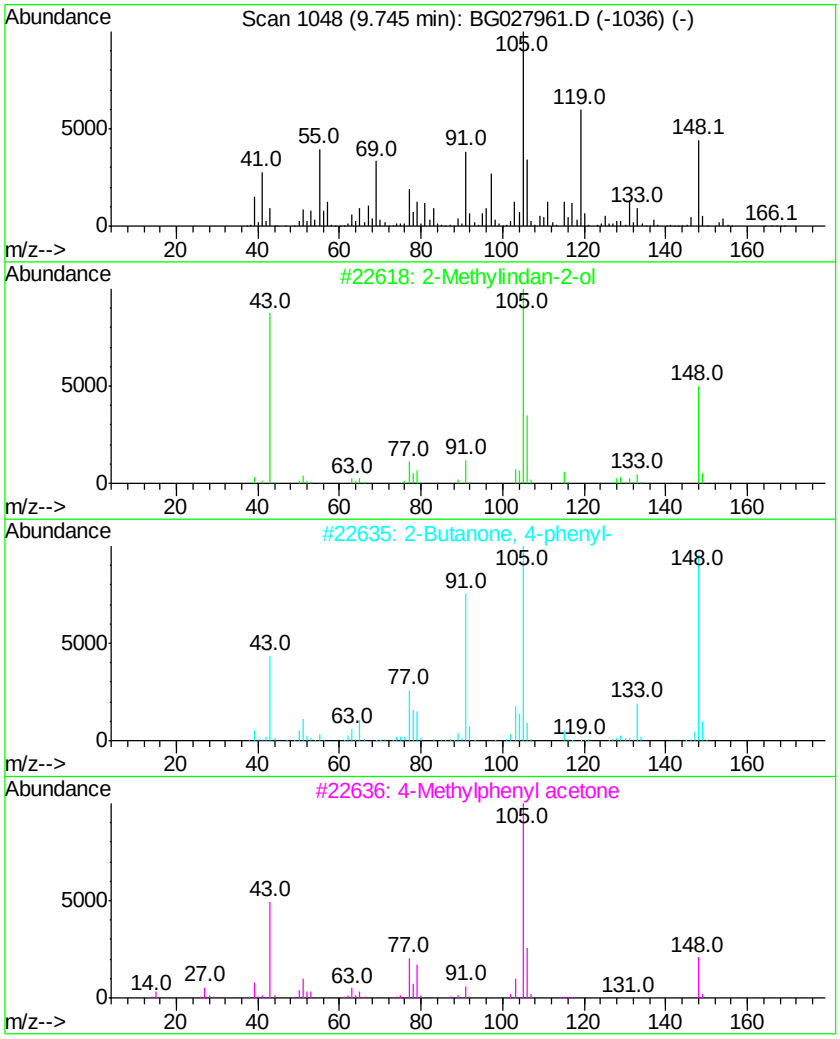
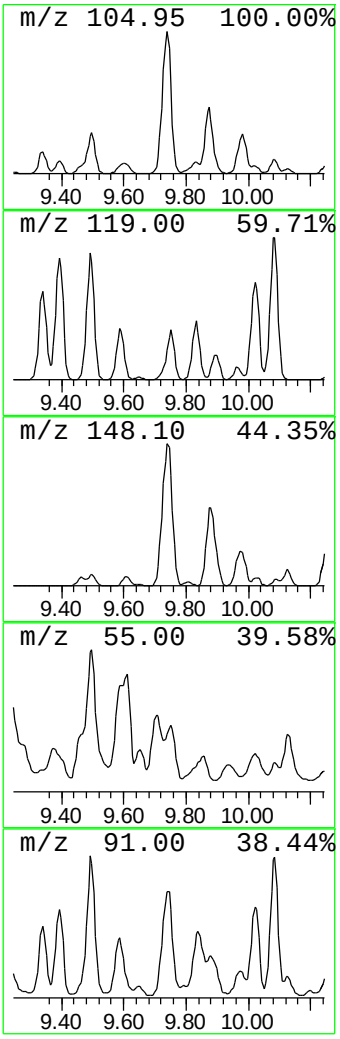
Peak Number 50 2-Methylindan-2-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	29.92 ng/ul	9796000	1,4-Dichlorobenzene-d4	8.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
2	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	42
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	41
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	38





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Quant Title : SVOA CALIBRATION

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

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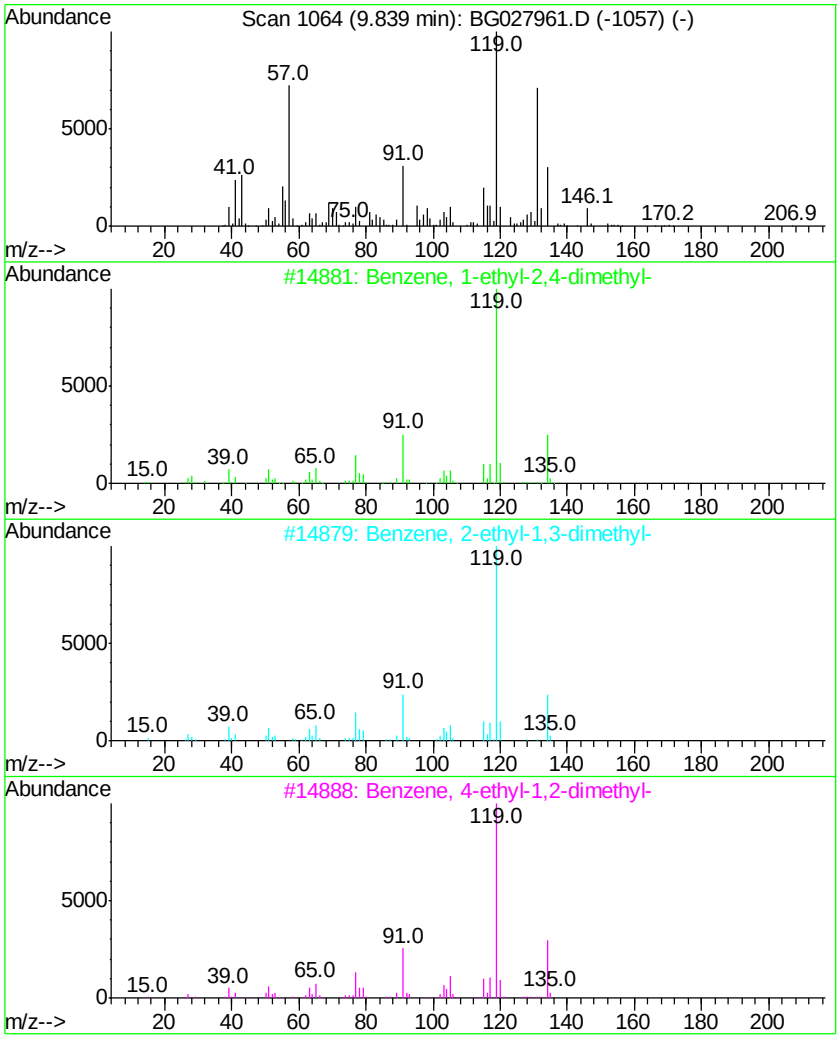
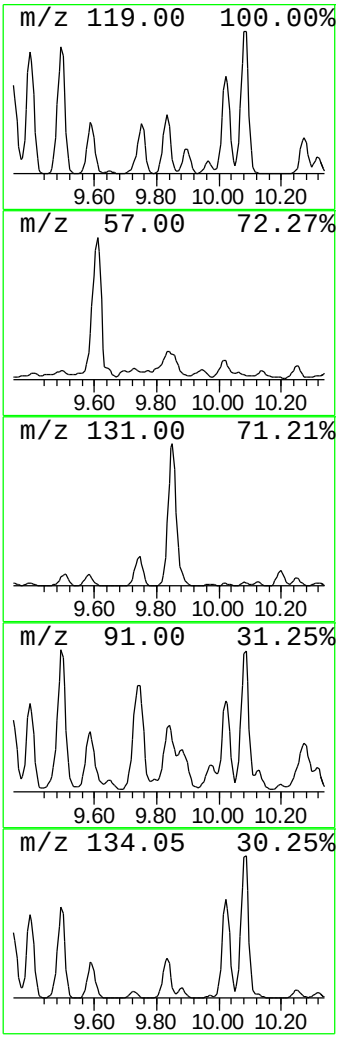
Peak Number 51 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	98.03 ng/ul	6687930	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	55
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	53





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Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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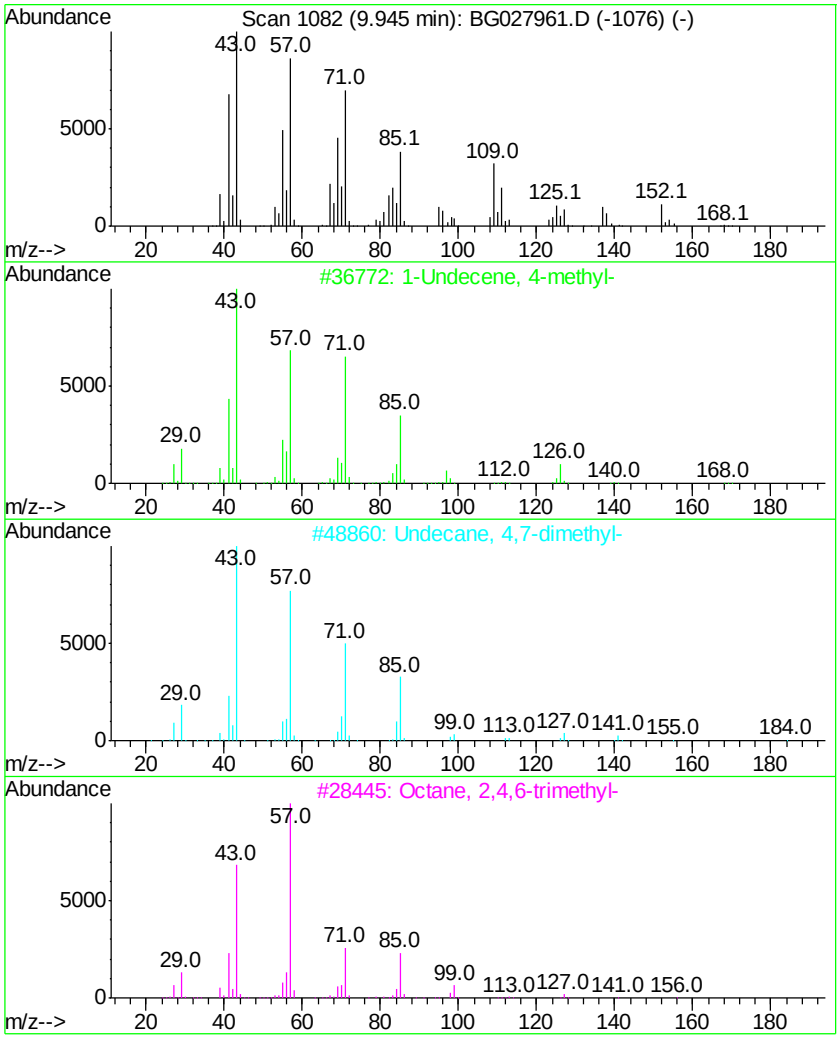
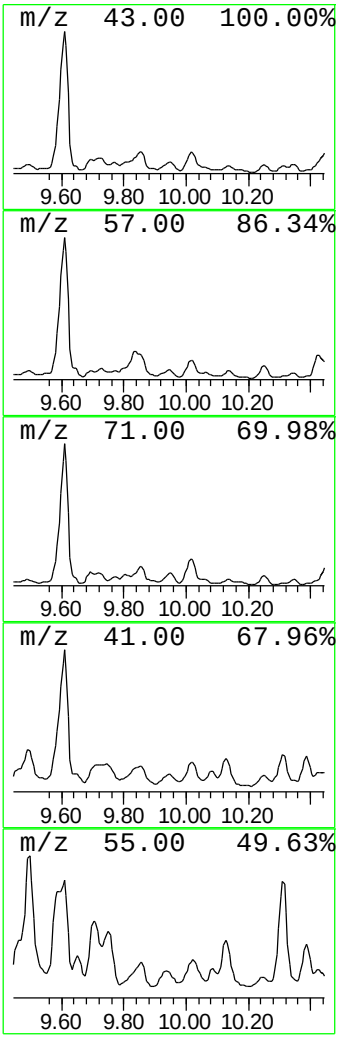
Peak Number 52 1-Undecene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	33.70 ng/ul	2299060	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	38
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	35
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	35
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	30
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	27





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Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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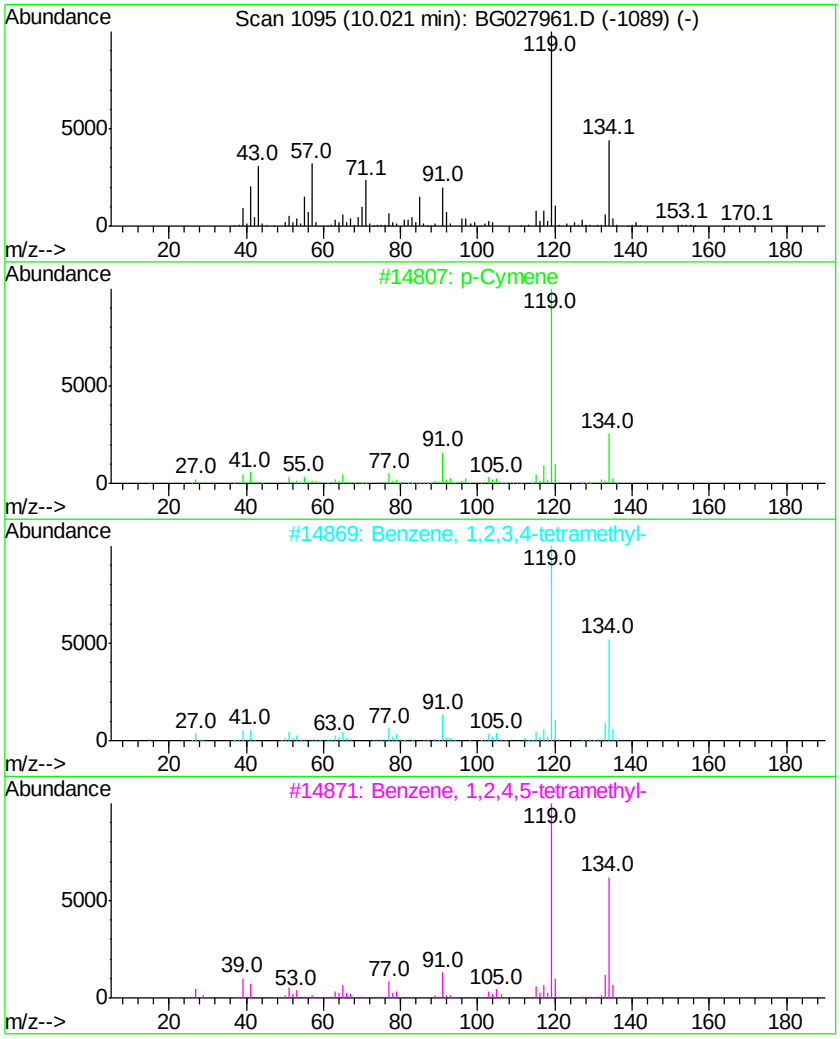
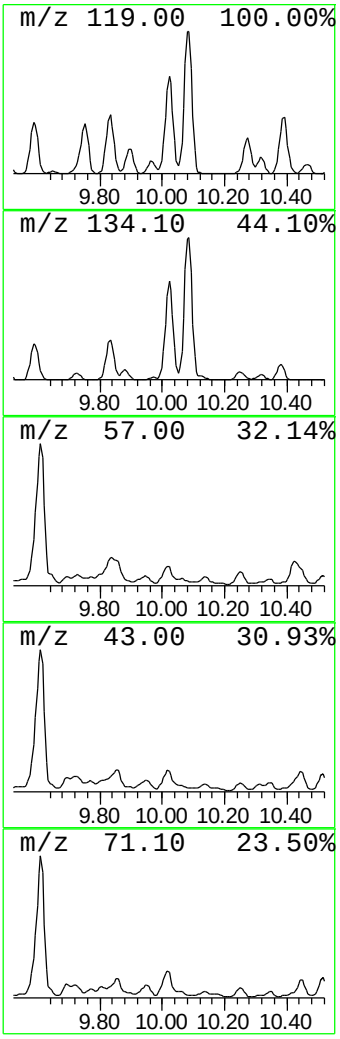
Peak Number 53 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	82.40 ng/ul	5622120	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76





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Quant Title : SVOA CALIBRATION

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

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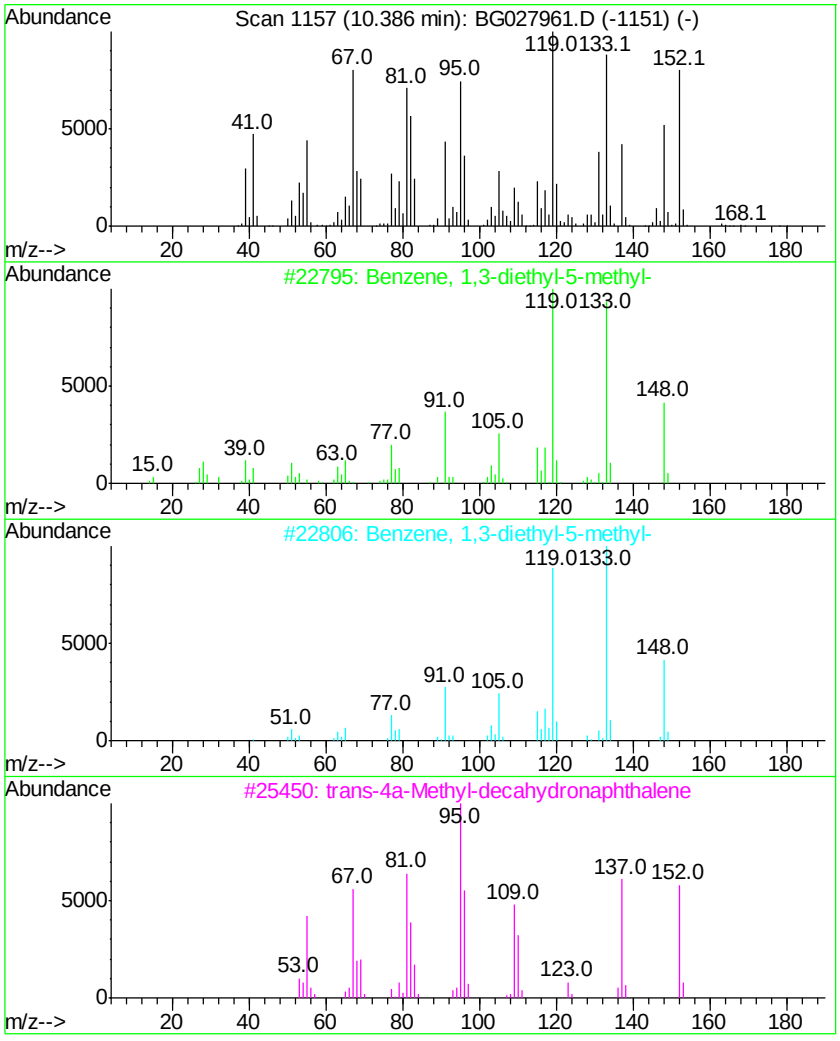
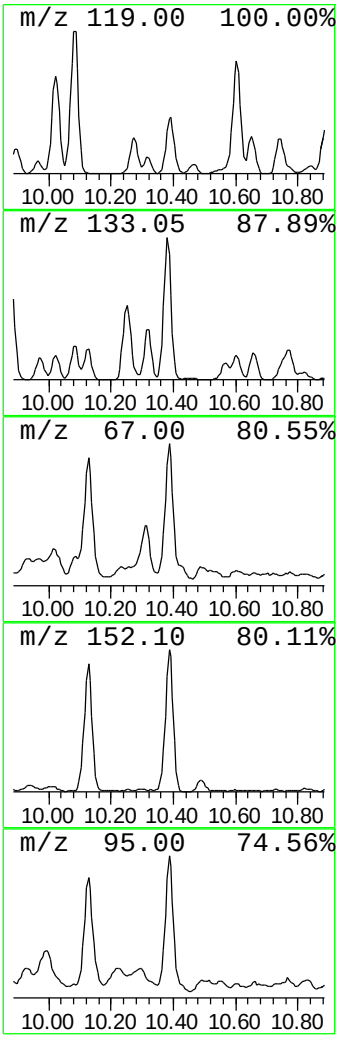
Peak Number 54 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	105.06 ng/ul	7167800	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	92
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	52
5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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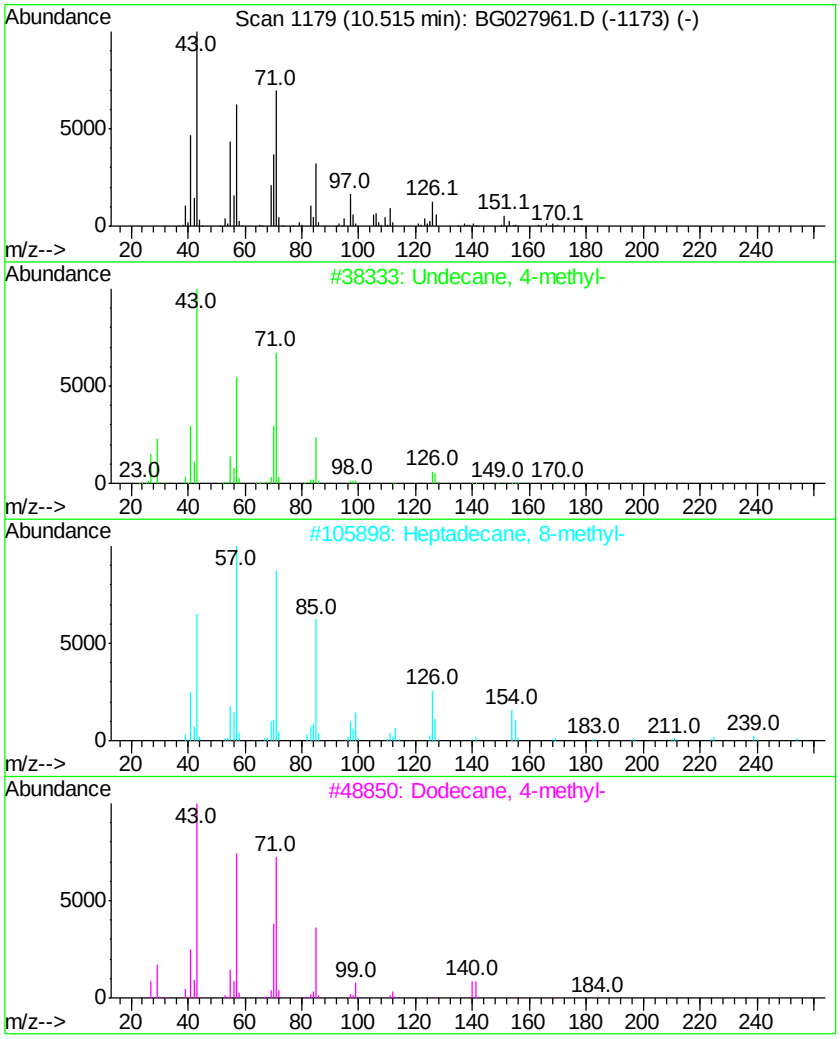
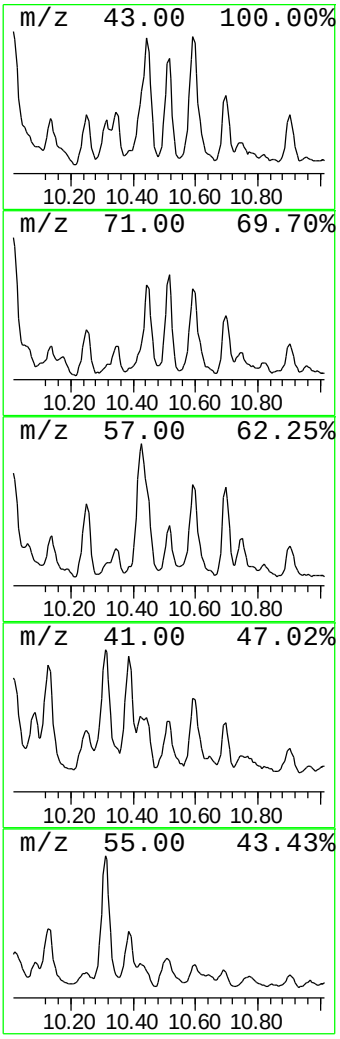
Peak Number 55 Undecane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	27.36 ng/ul	1866610	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	76
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Title : SVOA CALIBRATION

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

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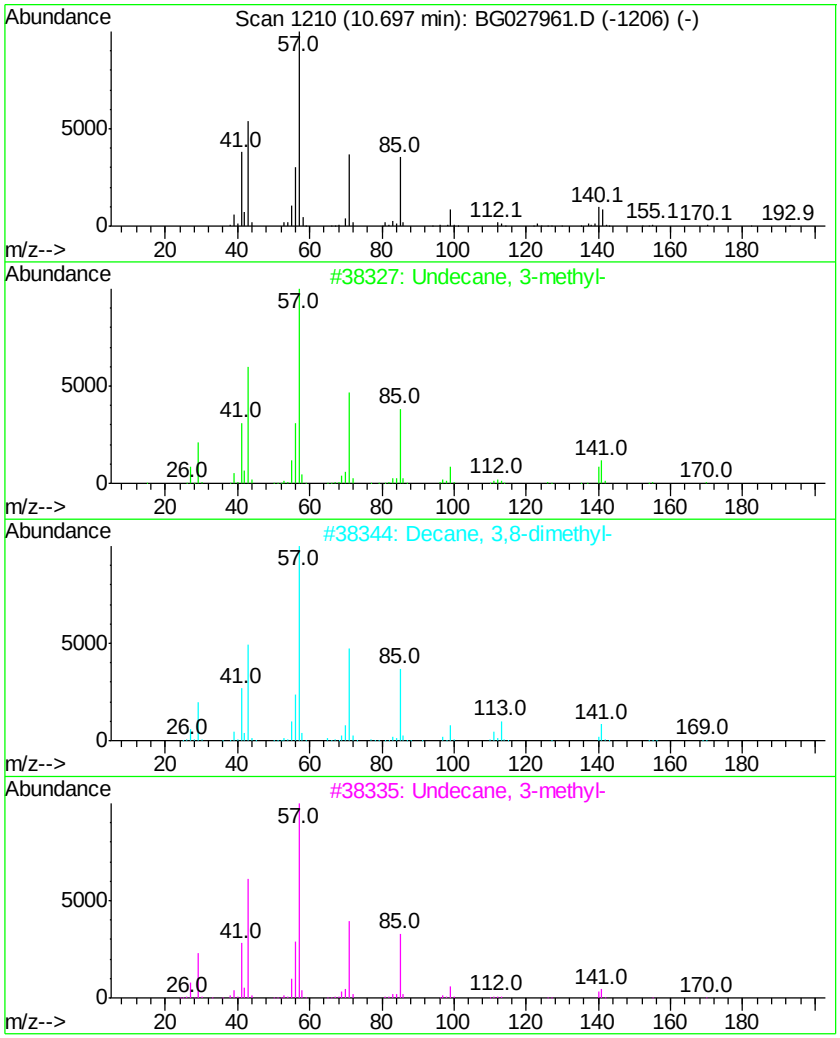
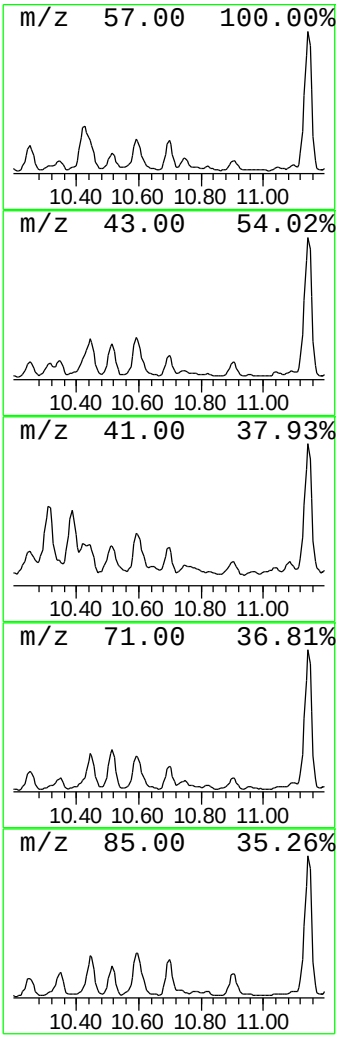
Peak Number 56 Undecane, 3-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	11.95 ng/ul	815435	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53





Library Search Compound Report

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Sample : I4212-01DL 10X
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ALS Vial : 3 Sample Multiplier: 1

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BNA_F
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Quant Title : SVOA CALIBRATION

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

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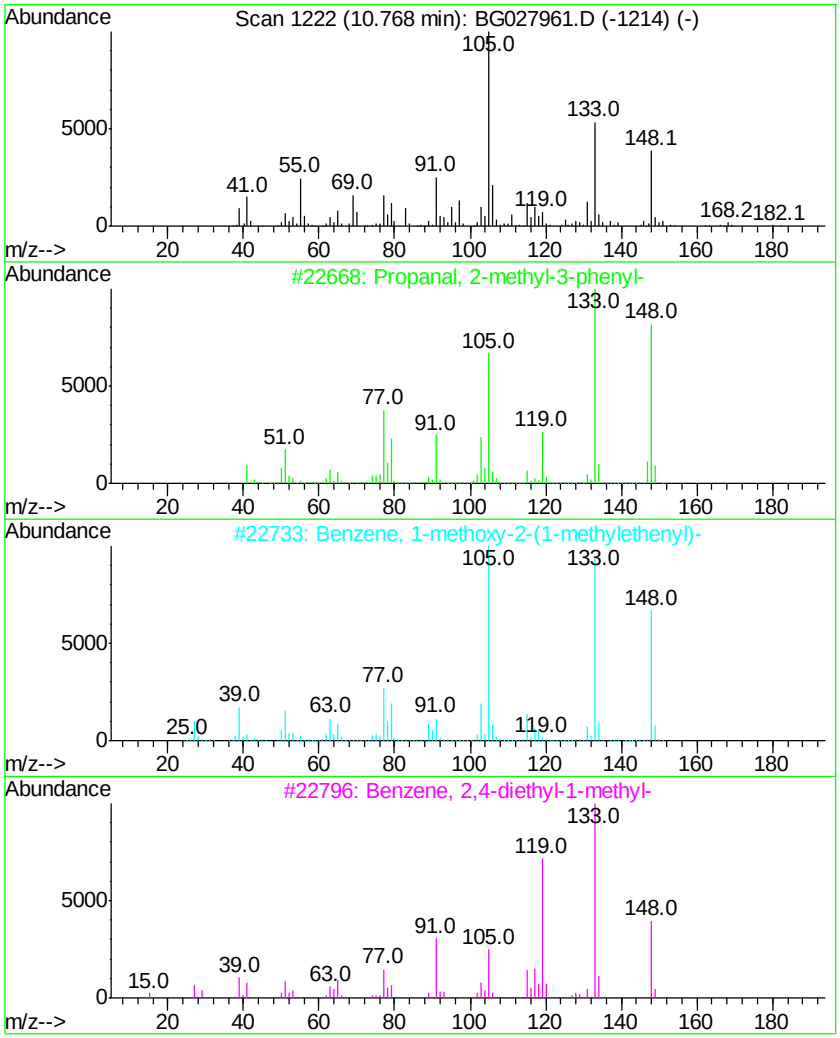
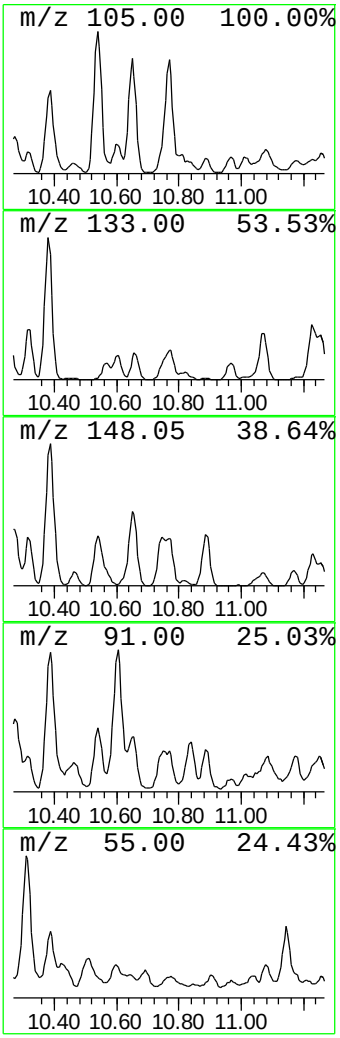
Peak Number 57 Propanal, 2-methyl-3-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	27.37 ng/ul	1867570	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-3-phenyl-	148	C10H12O	1000131-87-6	64
2	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	64
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	58
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	58
5	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	58





Library Search Compound Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : SVOA CALIBRATION

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

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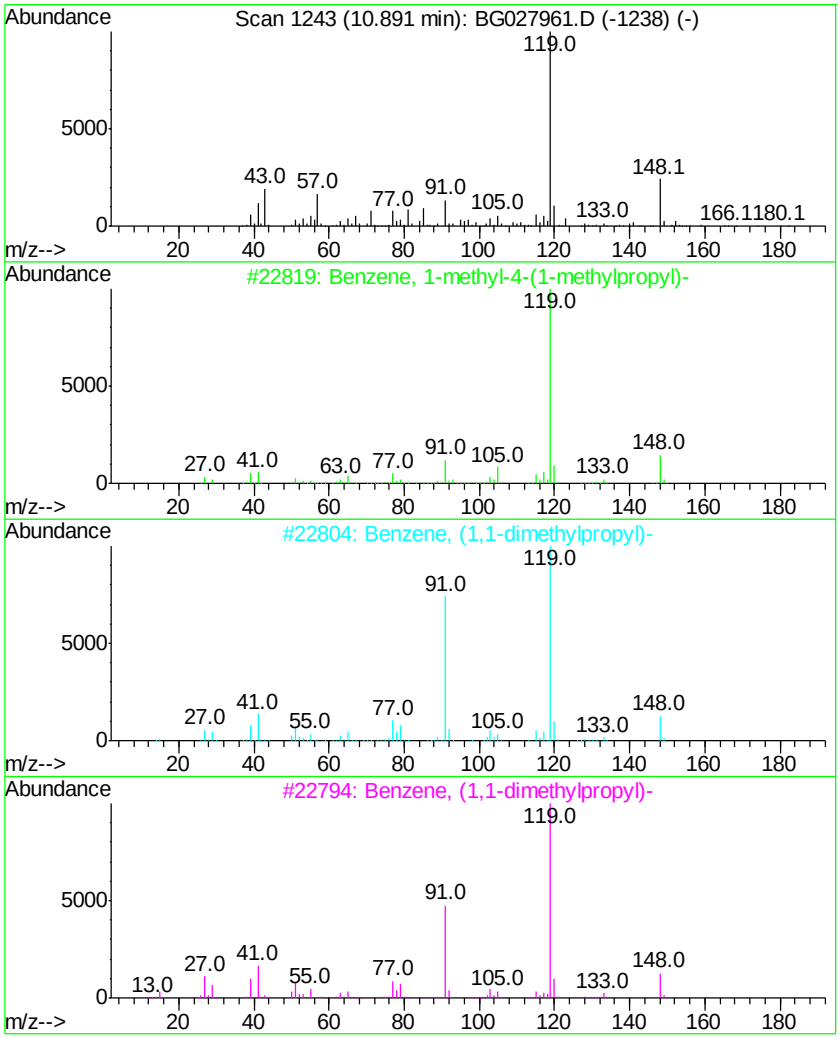
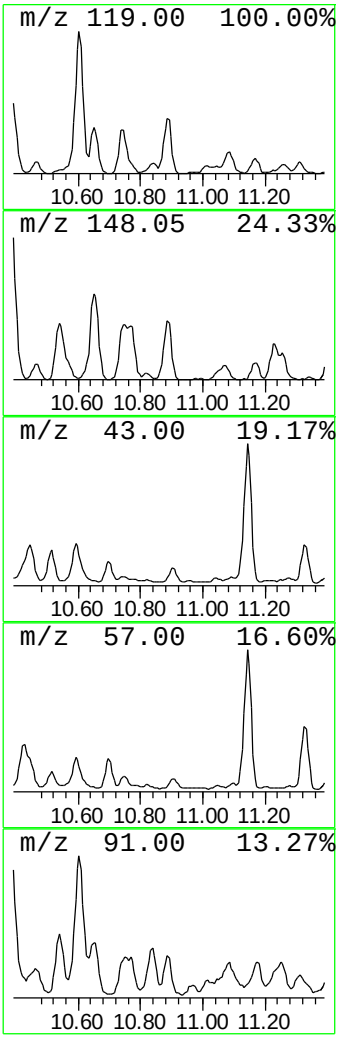
Peak Number 58 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	24.92 ng/ul	1700500	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	74
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	4'-Methylpropiophenone	148	C10H12O	005337-93-9	64
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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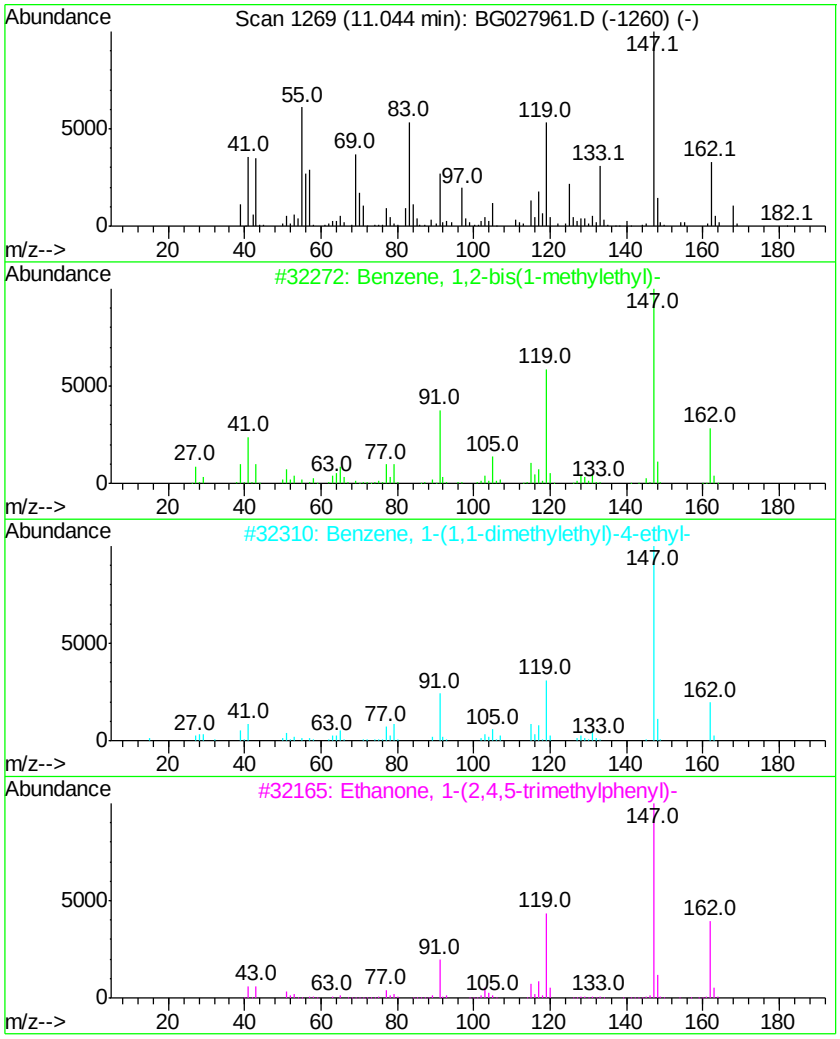
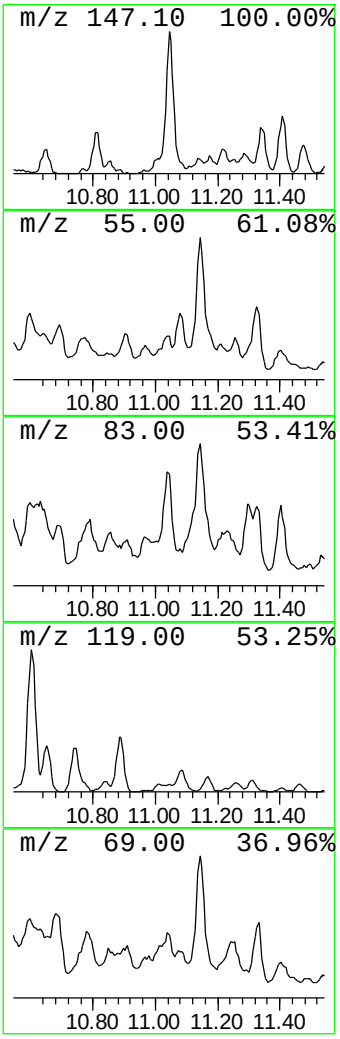
Peak Number 59 Benzene, 1,2-bis(1-methylet... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	10.84 ng/ul	739470	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	70
2	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	60
3	Ethanone, 1-(2,4,5-trimethylphen...	162	C11H14O	002040-07-5	55
4	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	55
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	55





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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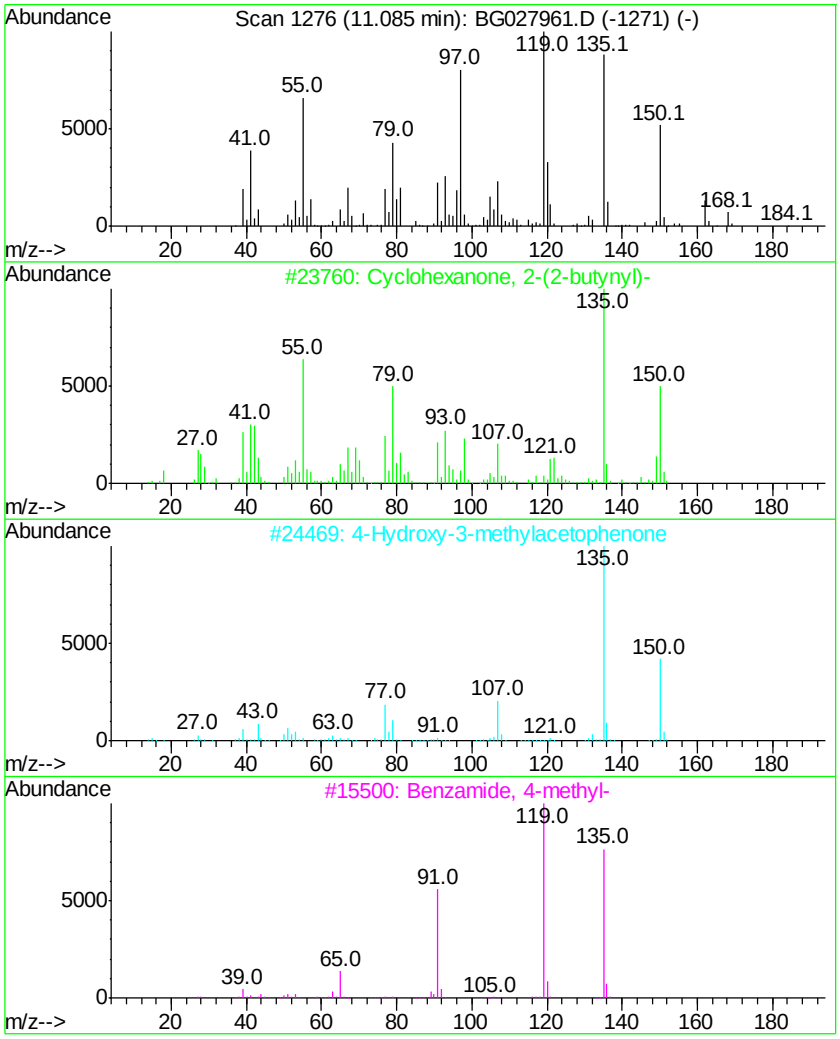
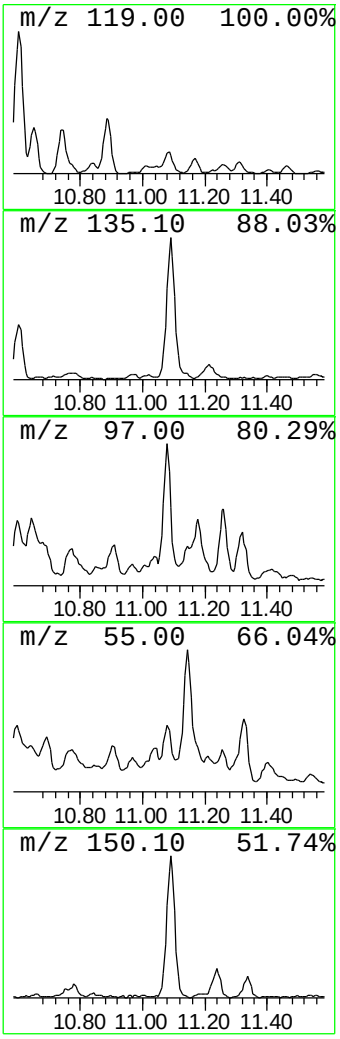
Peak Number 60 Cyclohexanone, 2-(2-butynyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	14.86 ng/ul	1013940	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	46
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	38
3	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	35
4	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	30
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	30





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Misc :
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Instrument : BNA_F
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Quant Title : SVOA CALIBRATION

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

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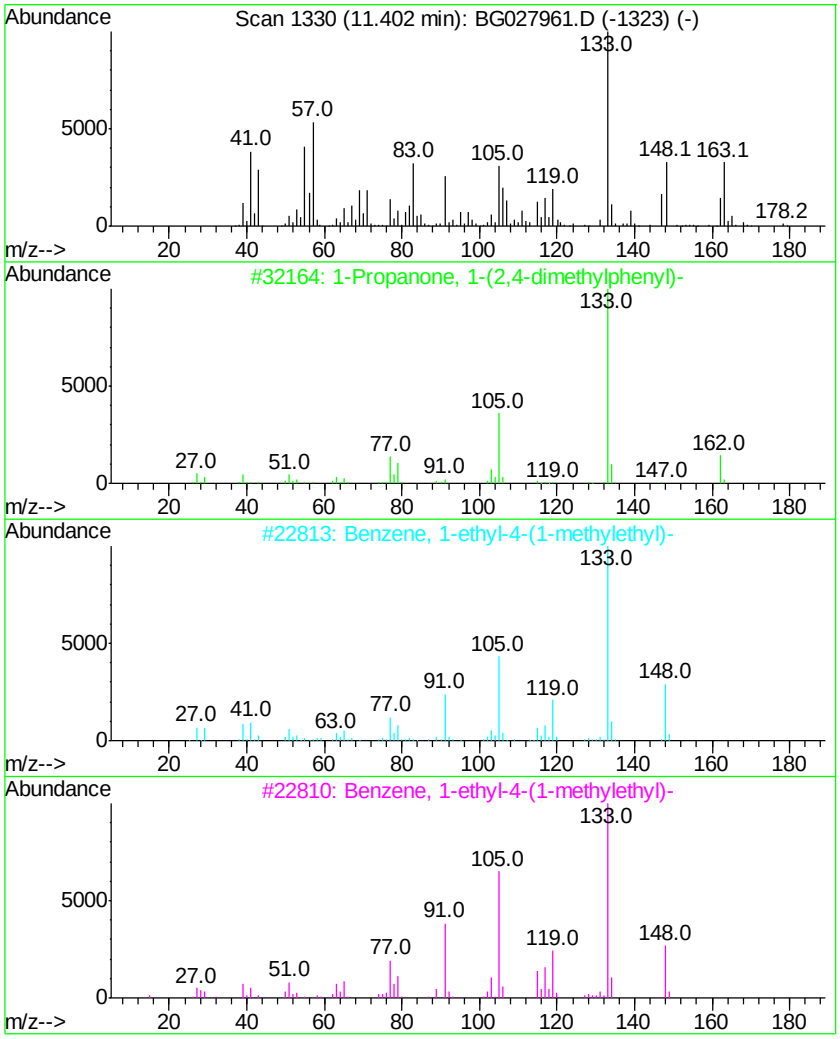
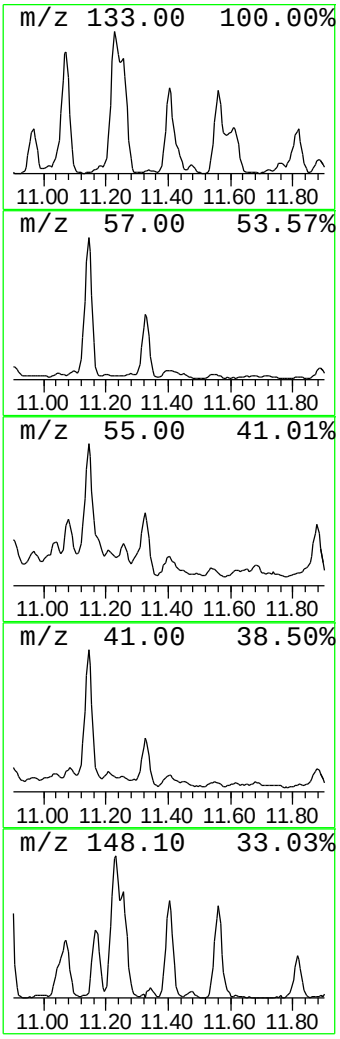
Peak Number 61 1-Propanone, 1-(2,4-dimethy... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	18.55 ng/ul	1265920	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	86
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64





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Quant Title : SVOA CALIBRATION

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

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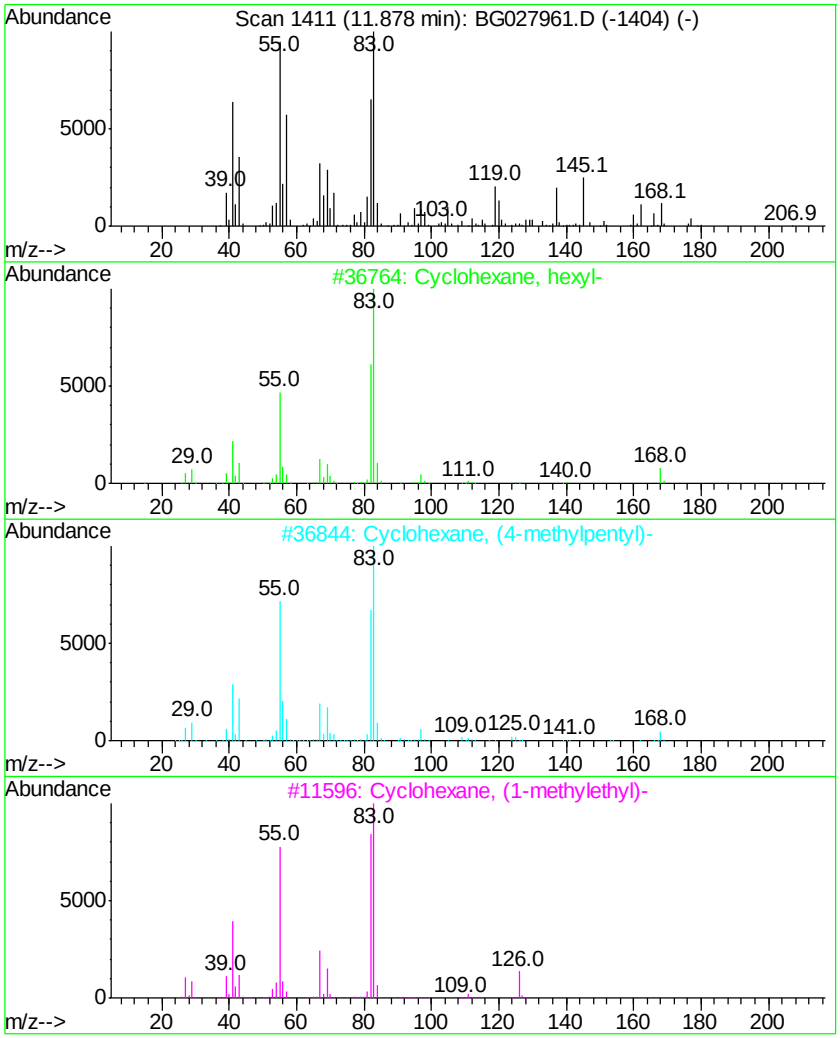
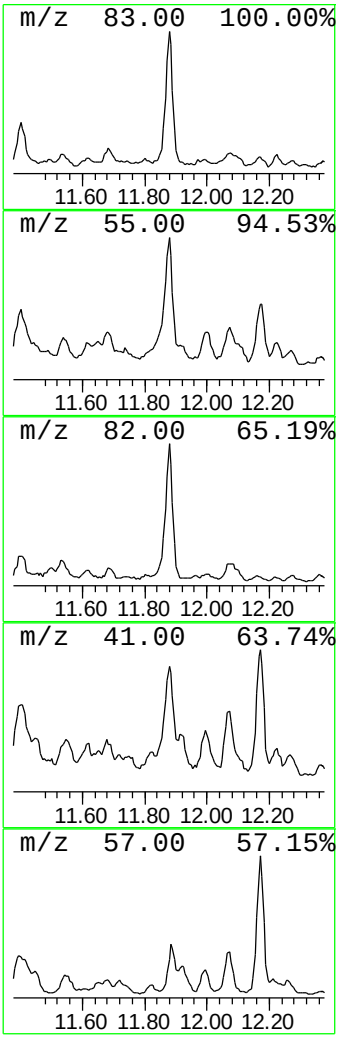
Peak Number 62 Cyclohexane, hexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	25.40 ng/ul	1733050	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	43





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ClientSampleId :

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Quant Title : SVOA CALIBRATION

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

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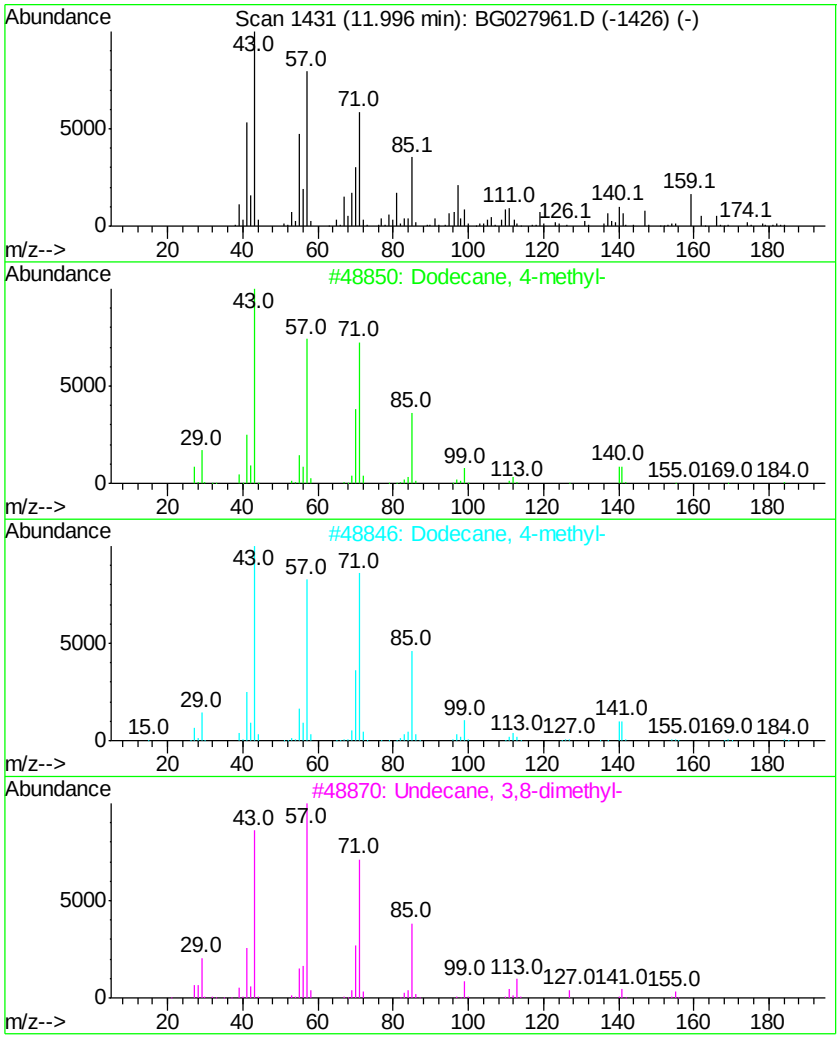
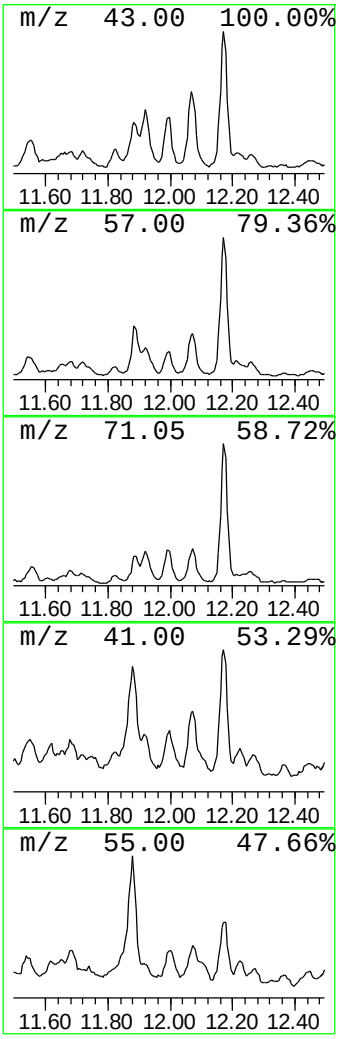
Peak Number 63 Dodecane, 4-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	8.22 ng/ul	561048	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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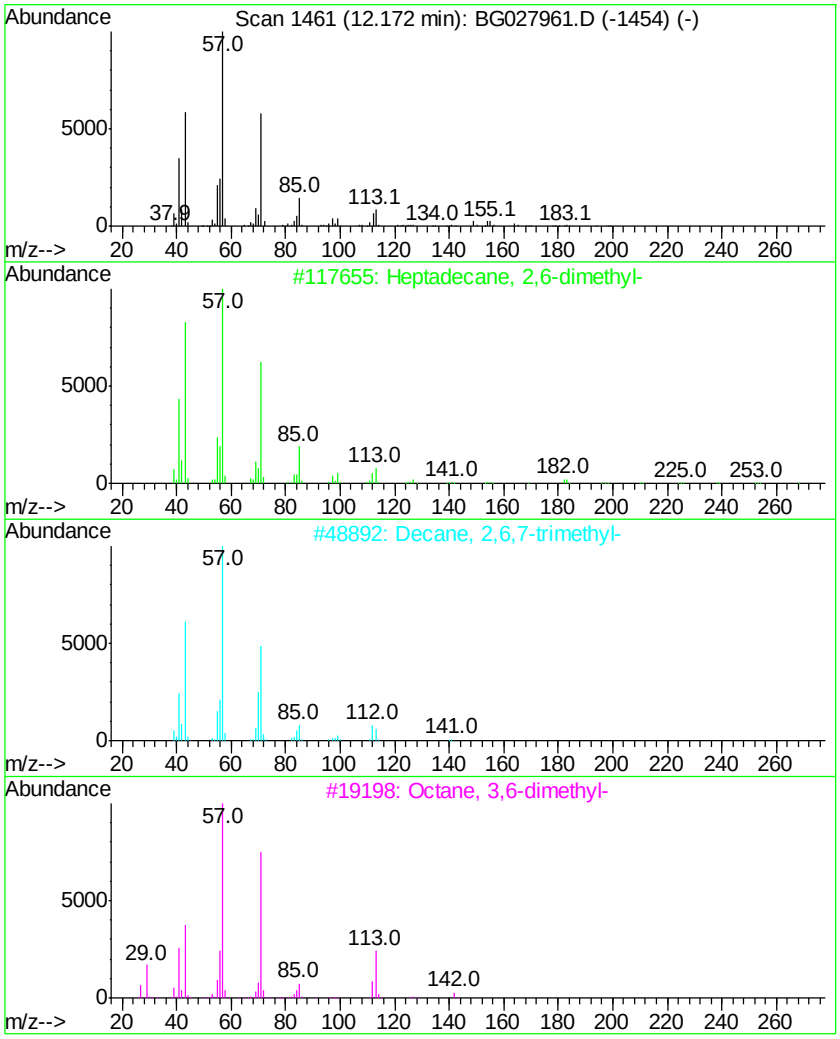
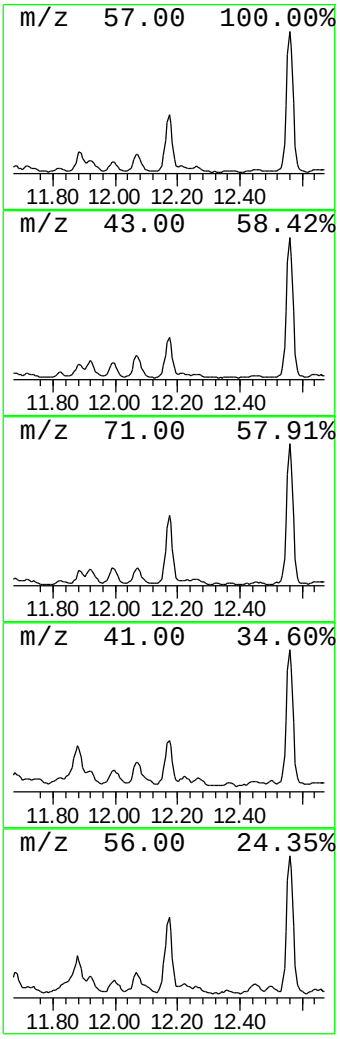
Peak Number 64 Heptadecane, 2,6-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	16.78 ng/ul	1144790	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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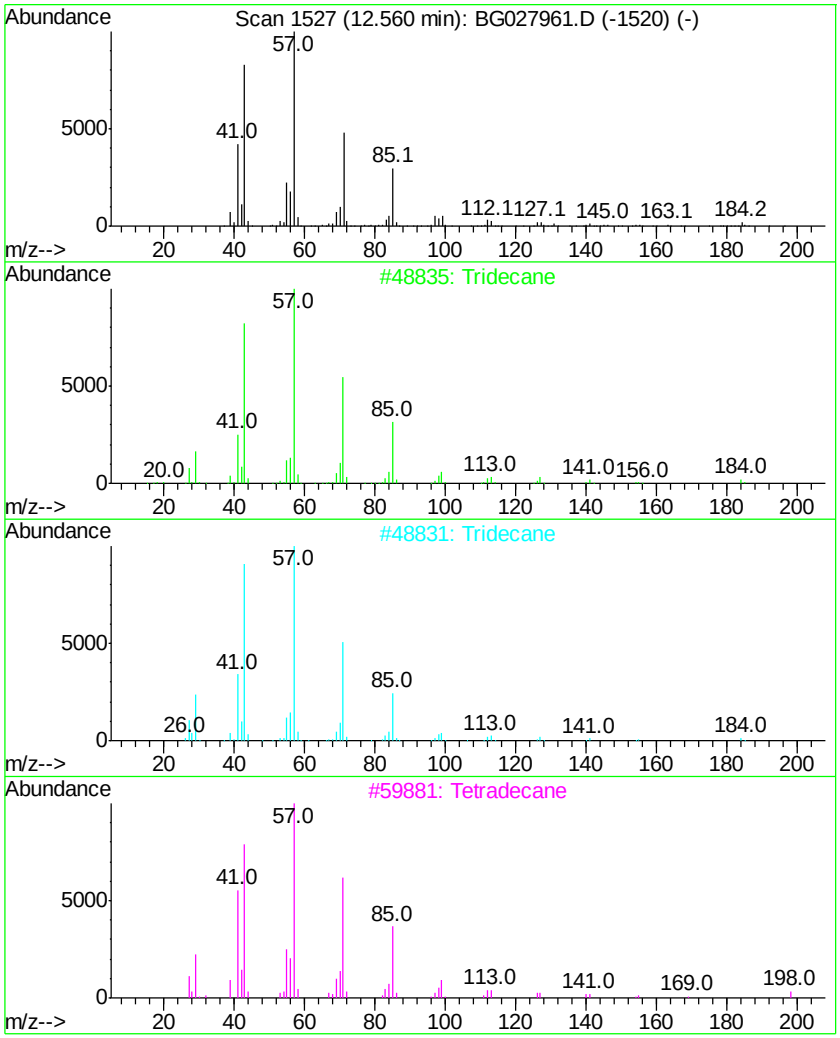
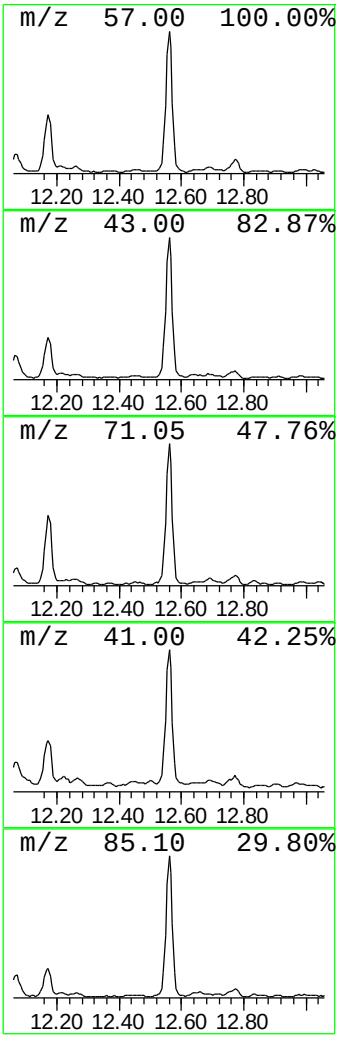
Peak Number 65 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	41.85 ng/ul	2854990	Naphthalene-d8	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	95
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane	170	C12H26	000112-40-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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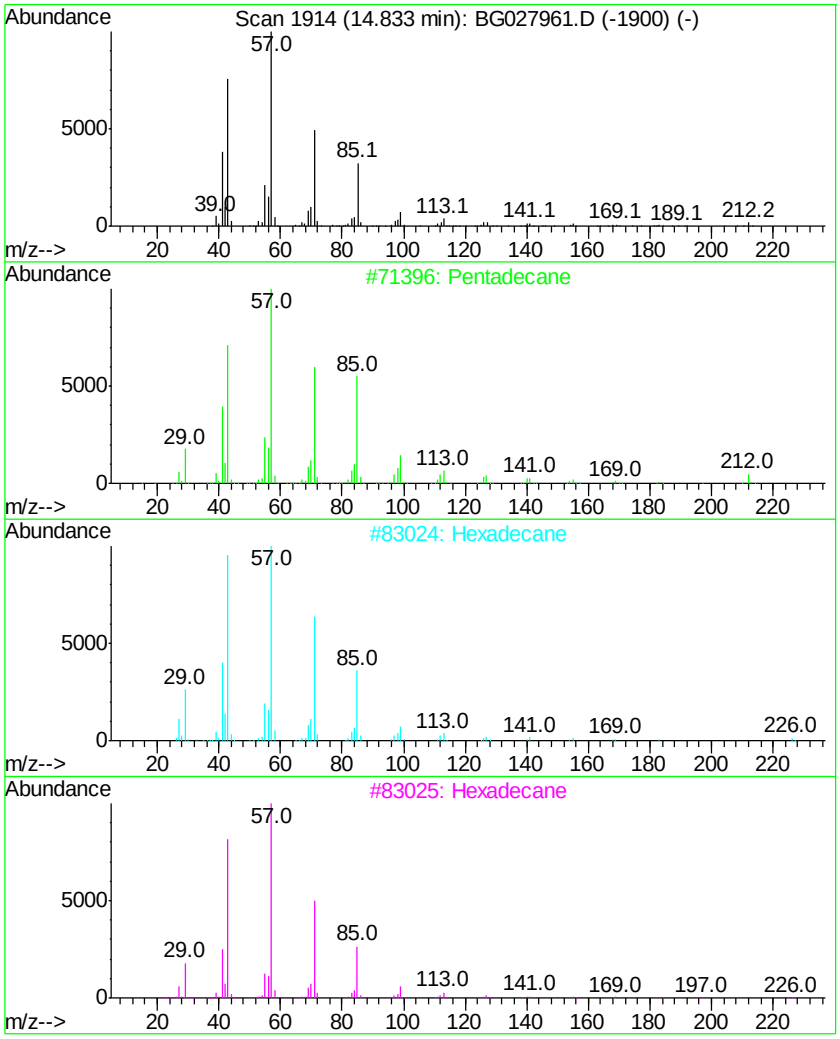
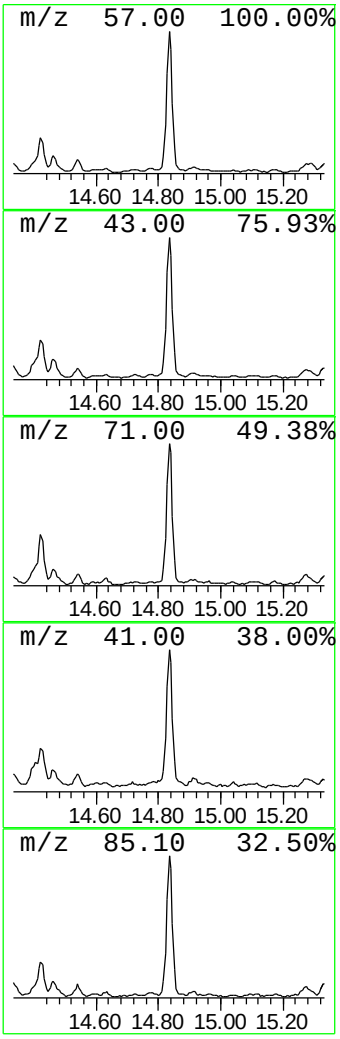
Peak Number 66 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	38.81 ng/ul	1369140	Acenaphthene-d10	14.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane	184	C13H28	000629-50-5	90
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

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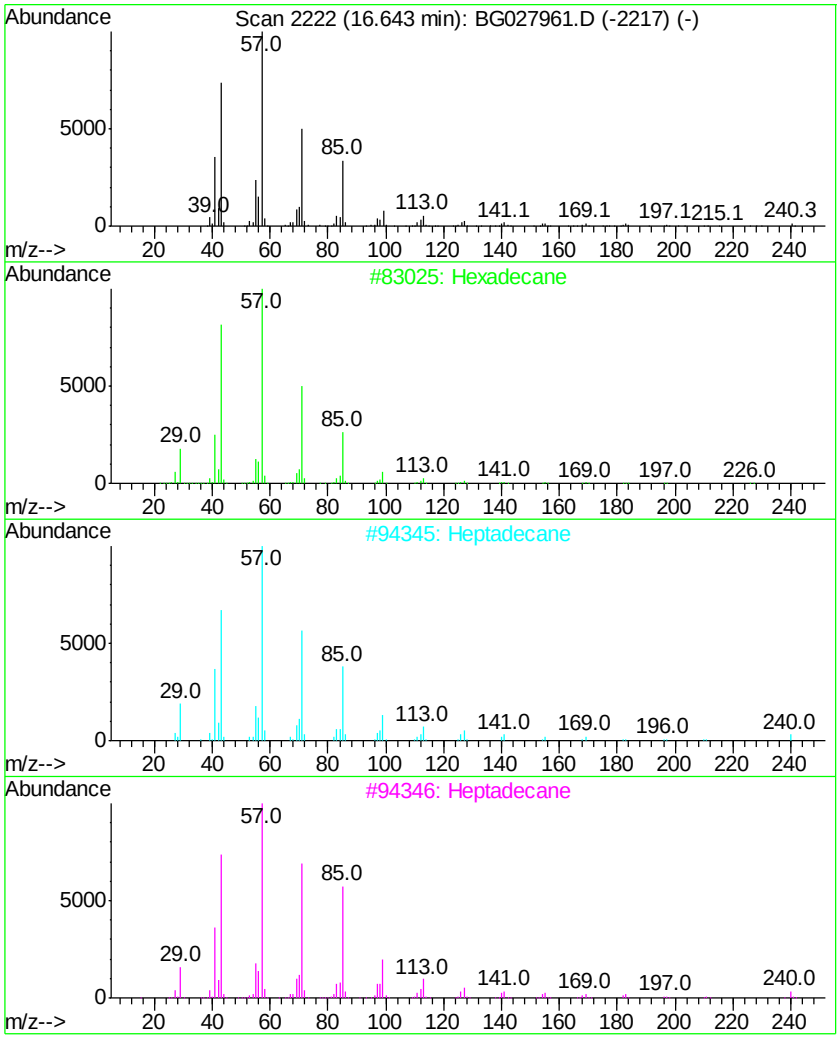
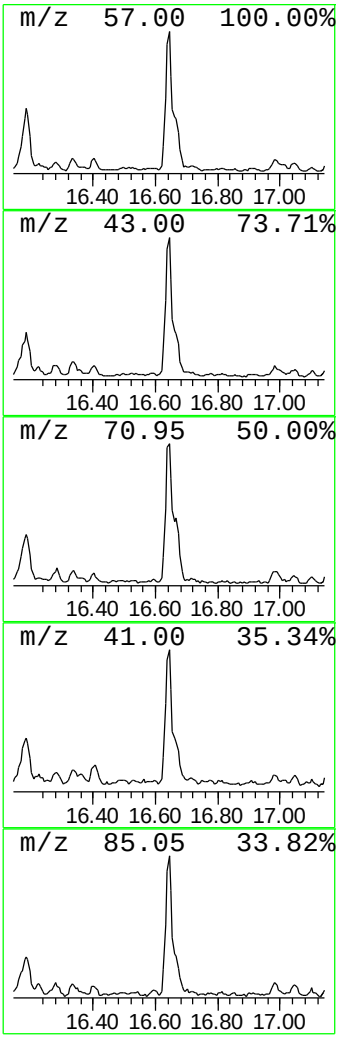
Peak Number 67 Hexadecane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	17.88 ng/ul	815232	Phenanthrene-d10	17.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane	240	C17H36	000629-78-7	95
3	Heptadecane	240	C17H36	000629-78-7	94
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
5	Tridecane	184	C13H28	000629-50-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071917\
Data File : BG027961.D
Acq On : 19 Jul 2017 10:28
Operator : SJ/JU
Sample : I4212-01DL 10X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
Cyclohexane, methyl-	4.13	3.7	ng/ul	1204860	1	8.39	6549130	20.0
Heptane, 2-methyl-	4.49	8.2	ng/ul	2689380	1	8.39	6549130	20.0
Heptane, 3-methyl-	4.59	5.6	ng/ul	1833710	1	8.39	6549130	20.0
Cyclohexane, 1,3-...	4.77	9.9	ng/ul	3252940	1	8.39	6549130	20.0
Octane	4.93	18.0	ng/ul	5901250	1	8.39	6549130	20.0
Cyclohexane, 1,4-...	5.06	5.6	ng/ul	1827490	1	8.39	6549130	20.0
Cyclohexane, 1,3-...	5.14	3.0	ng/ul	985363	1	8.39	6549130	20.0
Heptane, 2,6-dime...	5.32	6.0	ng/ul	1977560	1	8.39	6549130	20.0
Heptane, 2,5-dime...	5.42	5.1	ng/ul	1660640	1	8.39	6549130	20.0
Cyclohexane, 1,3,...	5.49	3.4	ng/ul	1116150	1	8.39	6549130	20.0
Cyclohexane, ethyl-	5.54	8.5	ng/ul	2787210	1	8.39	6549130	20.0
Cyclohexane, 1-et...	5.60	12.4	ng/ul	4064050	1	8.39	6549130	20.0
Heptane, 2,3-dime...	5.74	7.2	ng/ul	2365480	1	8.39	6549130	20.0
Cyclohexane, 1,2,...	5.83	21.3	ng/ul	6988420	1	8.39	6549130	20.0
Octane, 3-methyl-	5.96	14.2	ng/ul	4643440	1	8.39	6549130	20.0
o-Xylene	6.03	9.1	ng/ul	2993000	1	8.39	6549130	20.0
Cyclohexane, 1,2,...	6.20	5.0	ng/ul	1632330	1	8.39	6549130	20.0
cis-3-Nonene	6.26	10.1	ng/ul	3299560	1	8.39	6549130	20.0
Cyclohexane, 1-et...	6.34	13.6	ng/ul	4443220	1	8.39	6549130	20.0
Nonane	6.39	49.8	ng/ul	16302900	1	8.39	6549130	20.0
Cyclohexene, 3-me...	6.48	5.1	ng/ul	1668870	1	8.39	6549130	20.0
Octane, 4-ethyl-	6.55	3.1	ng/ul	1018060	1	8.39	6549130	20.0
Cyclohexane, 1,3-...	6.65	28.9	ng/ul	9454980	1	8.39	6549130	20.0
Nonane, 4-methyl-	6.77	12.7	ng/ul	4155930	1	8.39	6549130	20.0
Cyclohexene	6.89	31.9	ng/ul	10453600	1	8.39	6549130	20.0
Cyclohexane, propyl-	7.03	55.8	ng/ul	18285100	1	8.39	6549130	20.0
4-Octene, 2,6-dim...	7.14	5.3	ng/ul	1730080	1	8.39	6549130	20.0
Bicyclo[3.1.1]hep...	7.20	11.7	ng/ul	3843860	1	8.39	6549130	20.0
Heptane, 3-ethyl-...	7.27	14.6	ng/ul	4777110	1	8.39	6549130	20.0
Nonane, 4-methyl-	7.37	24.2	ng/ul	7918940	1	8.39	6549130	20.0
Nonane, 2-methyl-	7.42	8.5	ng/ul	2776270	1	8.39	6549130	20.0
Benzene, 1-ethyl-...	7.47	11.7	ng/ul	3833540	1	8.39	6549130	20.0
Mesitylene	7.61	24.6	ng/ul	8063040	1	8.39	6549130	20.0
Decane	8.01	41.9	ng/ul	13719600	1	8.39	6549130	20.0
Benzene, 1,2,4-tr...	8.04	22.3	ng/ul	7286400	1	8.39	6549130	20.0
Cyclohexane, 1-me...	8.11	6.4	ng/ul	2085590	1	8.39	6549130	20.0
Sulfurous acid, c...	8.16	4.9	ng/ul	1598430	1	8.39	6549130	20.0
3,4-Diethyl-2-hexene	8.21	3.3	ng/ul	1081490	1	8.39	6549130	20.0
Oxirane, 2-methyl...	8.29	18.7	ng/ul	6129710	1	8.39	6549130	20.0
Dodecane, 2,6,10-...	8.46	4.4	ng/ul	1447820	1	8.39	6549130	20.0
Benzene, 1-methyl...	8.56	174.6	ng/ul	57162200	1	8.39	6549130	20.0
Butanoic acid, 3-...	8.63	6.1	ng/ul	1988220	1	8.39	6549130	20.0
Cyclohexane, butyl-	8.68	20.1	ng/ul	6575190	1	8.39	6549130	20.0
Benzene, 1,3-diet...	8.88	15.6	ng/ul	5097490	1	8.39	6549130	20.0
Benzene, 1-methyl...	8.93	21.4	ng/ul	6995180	1	8.39	6549130	20.0
Benzene, 1-ethyl-...	9.03	34.7	ng/ul	11374500	1	8.39	6549130	20.0
Benzene, 1-methyl...	9.19	2.8	ng/ul	922419	1	8.39	6549130	20.0
Naphthalene, deca...	9.24	32.1	ng/ul	10503200	1	8.39	6549130	20.0
o-Cymene	9.39	14.3	ng/ul	4673720	1	8.39	6549130	20.0

2-Methylindan-2-ol	9.75	29.9	ng/ul	9796000	1	8.39	6549130	20.0
Benzene, 1-ethyl-...	9.84	98.0	ng/ul	6687930	2	11.21	1364510	20.0
1-Undecene, 4-met...	9.95	33.7	ng/ul	2299060	2	11.21	1364510	20.0
p-Cymene	10.02	82.4	ng/ul	5622120	2	11.21	1364510	20.0
Benzene, 1,3-diet...	10.39	105.1	ng/ul	7167800	2	11.21	1364510	20.0
Undecane, 4-methyl-	10.51	27.4	ng/ul	1866610	2	11.21	1364510	20.0
Undecane, 3-methyl-	10.70	12.0	ng/ul	815435	2	11.21	1364510	20.0
Propanal, 2-methy...	10.77	27.4	ng/ul	1867570	2	11.21	1364510	20.0
Benzene, 1-methyl...	10.89	24.9	ng/ul	1700500	2	11.21	1364510	20.0
Benzene, 1,2-bis(...	11.04	10.8	ng/ul	739470	2	11.21	1364510	20.0
Cyclohexanone, 2-...	11.08	14.9	ng/ul	1013940	2	11.21	1364510	20.0
1-Propanone, 1-(2...	11.40	18.6	ng/ul	1265920	2	11.21	1364510	20.0
Cyclohexane, hexyl-	11.88	25.4	ng/ul	1733050	2	11.21	1364510	20.0
Dodecane, 4-methyl-	12.00	8.2	ng/ul	561048	2	11.21	1364510	20.0
Heptadecane, 2,6-...	12.17	16.8	ng/ul	1144790	2	11.21	1364510	20.0
Tridecane	12.56	41.8	ng/ul	2854990	2	11.21	1364510	20.0
Pentadecane	14.83	38.8	ng/ul	1369140	3	14.98	705631	20.0
Hexadecane	16.64	17.9	ng/ul	815232	4	17.72	911838	20.0

Instrument :
BNA_F
ClientSampleId :