LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.757	531	539	544	rBV2	179170	318447	2.99%	0.215%
2	7.093	760	766	775	rBV3	420896	682926	6.41%	0.462%
3	7.281	791	798	809	rBV2	285151	563635	5.29%	0.381%
4	7.481	826	832	841	rBV2	363340	611331	5.74%	0.413%
5	7.951	904	912	917	rBV3	385172	690039	6.47%	0.466%
6	8.328	968	976	981	rBV	399773	666753	6.26%	0.451%
7	8.651	1025	1031	1040	rVB4	312494	586584	5.50%	0.396%
8	8.751	1040	1048	1053	rBV2	236811	397733	3.73%	0.269%
9	9.057	1089	1100	1104	rBV4	156513	388839	3.65%	0.263%
10	9.116	1104	1110	1116	rBV	506766	955331	8.96%	0.646%
11	9.510	1162	1177	1183	rBV3	129432	429337	4.03%	0.290%
12	9.734	1210	1215	1222	rVB	668182	1006852	9.45%	0.680%
13	9.834	1224	1232	1236	rBV2	453500	848755	7.96%	0.574%
14	9.886	1236	1241	1249	rVB	583366	964231	9.05%	0.652%
15	10.151	1277	1286	1292	rBV3	243739	505151	4.74%	0.341%
16	10.375	1317	1324	1329	rBV2	604200	1103259	10.35%	0.746%
17	10.428	1329	1333	1339	rVB	276301	436711	4.10%	0.295%
18	10.516	1339	1348	1353	rBV	210868	394596	3.70%	0.267%
19	10.757	1377	1389	1393	rVV2	1091098	2241578	21.03%	1.515%
20	10.810	1393	1398	1402	rVV	764089	1410469	13.23%	0.953%
21	10.886	1402	1411	1414	rVV2	1273681	2720372	25.52%	1.839%
22	10.928	1414	1418	1424	rVV	1069005	1873185	17.57%	1.266%
23	11.028	1428	1435	1440	rVV	3328239	5418304	50.83%	3.662%
24	11.081	1440	1444	1447	rVV2	1632863	2860794	26.84%	1.933%
25	11.116	1447	1450	1457	rVB	2196744	3291689	30.88%	2.225%
26	11.257	1469	1474	1479	rBV	340975	550778	5.17%	0.372%
27	11.645	1532	1540	1545	rBV3	286864	589256	5.53%	0.398%
28	11.698	1545	1549	1554	rVV2	271147	434219	4.07%	0.293%
29	11.945	1582	1591	1596	rBV10	178262	425498	3.99%	0.288%
30	12.163	1623	1628	1631	rVV2	315525	478516	4.49%	0.323%
31	12.198	1631	1634	1638	rVB	250692	328057	3.08%	0.222%
32	12.286	1644	1649	1657	rBV4	395982	981321	9.21%	0.663%
33	12.363	1657	1662	1664	rBV	322847	508557	4.77%	0.344%
34	12.592	1693	1701	1704	rBV4	318412	684090	6.42%	0.462%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Title : SVOA CALIBRATION

35	12.627	1704	1707	1716	rVB	332632	637904	5.98%	0.431%
36	12.733	1717	1725	1737	rBV	1179635	2648602	24.85%	1.790%
37	12.975	1760	1766	1771	rVB	653035	923780	8.67%	0.624%
38	13.104	1782	1788	1793	rBV	434427	749788	7.03%	0.507%
39	13.157	1793	1797	1802	rVV	567920	838099	7.86%	0.566%
40	13.210	1802	1806	1814	rVV9	108087	301314	2.83%	0.204%
41	13.286	1814	1819	1828	rVV4	242963	515976	4.84%	0.349%
42	13.398	1834	1838	1845	rVB4	262557	571395	5.36%	0.386%
43	13.504	1851	1856	1860	rBV	794163	1172283	11.00%	0.792%
44	13.545	1860	1863	1870	rVV6	267638	643288	6.03%	0.435%
45	13.610	1871	1874	1881	rVV7	216865	562083	5.27%	0.380%
46	13.739	1888	1896	1907	rBV9	264316	826887	7.76%	0.559%
47	13.916	1916	1926	1931	rBV7	388314	1055927	9.91%	0.714%
48	13.992	1934	1939	1943	rVV	1260366	1833479	17.20%	1.239%
49	14.045	1943	1948	1953	rVB2	201029	460429	4.32%	0.311%
50	14.239	1976	1981	1983	rBV4	165533	302178	2.83%	0.204%
51	14.280	1983	1988	1996	rVB	1281164	2219591	20.82%	1.500%
52	14.386	1996	2006	2011	rBV3	417217	906181	8.50%	0.612%
53	14.580	2032	2039	2044	rBV	967756	1683295	15.79%	1.138%
54	14.645	2044	2050	2055	rVV2	1709102	2587457	24.27%	1.749%
55	14.698	2055	2059	2065	rVV2	555673	835980	7.84%	0.565%
56	14.792	2065	2075	2083	rVB	3048091	5725123	53.71%	3.869%
57	14.886	2085	2091	2096	rBV3	2192327	3852180	36.14%	2.603%
58	14.951	2096	2102	2106	rVV	7262427	10391886	97.49%	7.023%
59	14.980	2106	2107	2110	rVV	1004612	1045495	9.81%	0.707%
60	15.010	2110	2112	2113	rVV2	633936	635519	5.96%	0.430%
61	15.027	2113	2115	2122	rVB	839601	1309499	12.28%	0.885%
62	15.127	2127	2132	2137	rVB	3786817	5428440	50.93%	3.669%
63	15.204	2137	2145	2150	rBV	7129277	10659519	100.00%	7.204%
64	15.310	2156	2163	2167	rBV5	230147	582457	5.46%	0.394%
65	15.468	2184	2190	2195	rBV2	451944	772613	7.25%	0.522%
66	15.521	2195	2199	2203	rVV	565969	732012	6.87%	0.495%
67	15.574	2203	2208	2212	rVV	1642190	2230139	20.92%	1.507%
68	15.633	2212	2218	2222	rVV2	1914285	3501371	32.85%	2.366%
69	15.686	2222	2227	2234	rVB5	1607486	3276570	30.74%	2.214%
70	15.751	2234	2238	2242	rBV4	268165	466738	4.38%	0.315%
71	15.792	2242	2245	2248	rVB3	247494	318112	2.98%	0.215%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Title : SVOA CALIBRATION

72	16.110	2294	2299	2305	rVB	1618874	2223394	20.86%	1.503%
73	16.310	2329	2333	2339	rVB	591949	903576	8.48%	0.611%
74	16.451	2354	2357	2361	rVB2	298376	361010	3.39%	0.244%
75	16.527	2361	2370	2373	rBV2	1732615	3258438	30.57%	2.202%
76	16.674	2390	2395	2399	rVV6	316736	763769	7.17%	0.516%
77	16.715	2399	2402	2407	rVB3	323952	609857	5.72%	0.412%
78	16.827	2418	2421	2425	rBV5	216810	320238	3.00%	0.216%
79	16.910	2430	2435	2439	rBV2	423364	646536	6.07%	0.437%
80	17.068	2457	2462	2467	rVB4	337517	674328	6.33%	0.456%
81	17.139	2468	2474	2482	rBV4	370022	920863	8.64%	0.622%
82	17.233	2486	2490	2494	rVV3	319879	428263	4.02%	0.289%
83	17.327	2501	2506	2510	rBV	1238345	1832745	17.19%	1.239%
84	17.427	2517	2523	2534	rVB2	2001234	3269053	30.67%	2.209%
85	17.527	2534	2540	2543	rBV3	309800	554697	5.20%	0.375%
86	17.562	2543	2546	2550	rVB2	239388	300558	2.82%	0.203%
87	17.727	2571	2574	2578	rVB	394647	517762	4.86%	0.350%
88	18.051	2622	2629	2635	rVB3	467792	1076196	10.10%	0.727%
89	18.380	2681	2685	2689	rBV5	166586	331621	3.11%	0.224%
90	18.739	2742	2746	2751	rVB2	235342	322061	3.02%	0.218%
91	19.021	2789	2794	2802	rBV	2378340	3190228	29.93%	2.156%
92	19.145	2811	2815	2820	rVB2	323975	433949	4.07%	0.293%
93	19.251	2829	2833	2841	rVB	388127	624521	5.86%	0.422%
94	19.527	2876	2880	2885	rVB	671667	861941	8.09%	0.583%
95	19.709	2905	2911	2921	rVB	2592980	3605073	33.82%	2.436%
96	20.180	2987	2991	2996	rVB	490595	642498	6.03%	0.434%
97	21.486	3209	3213	3221	rVB	1804406	2271585	21.31%	1.535%
98	21.609	3229	3234	3240	rBV	1999081	2431348	22.81%	1.643%
99	23.697	3582	3589	3600	rVB	1599037	3151828	29.57%	2.130%
100	23.844	3609	3614	3624	rVB	933963	1885646	17.69%	1.274%

Sum of corrected areas: 147964364

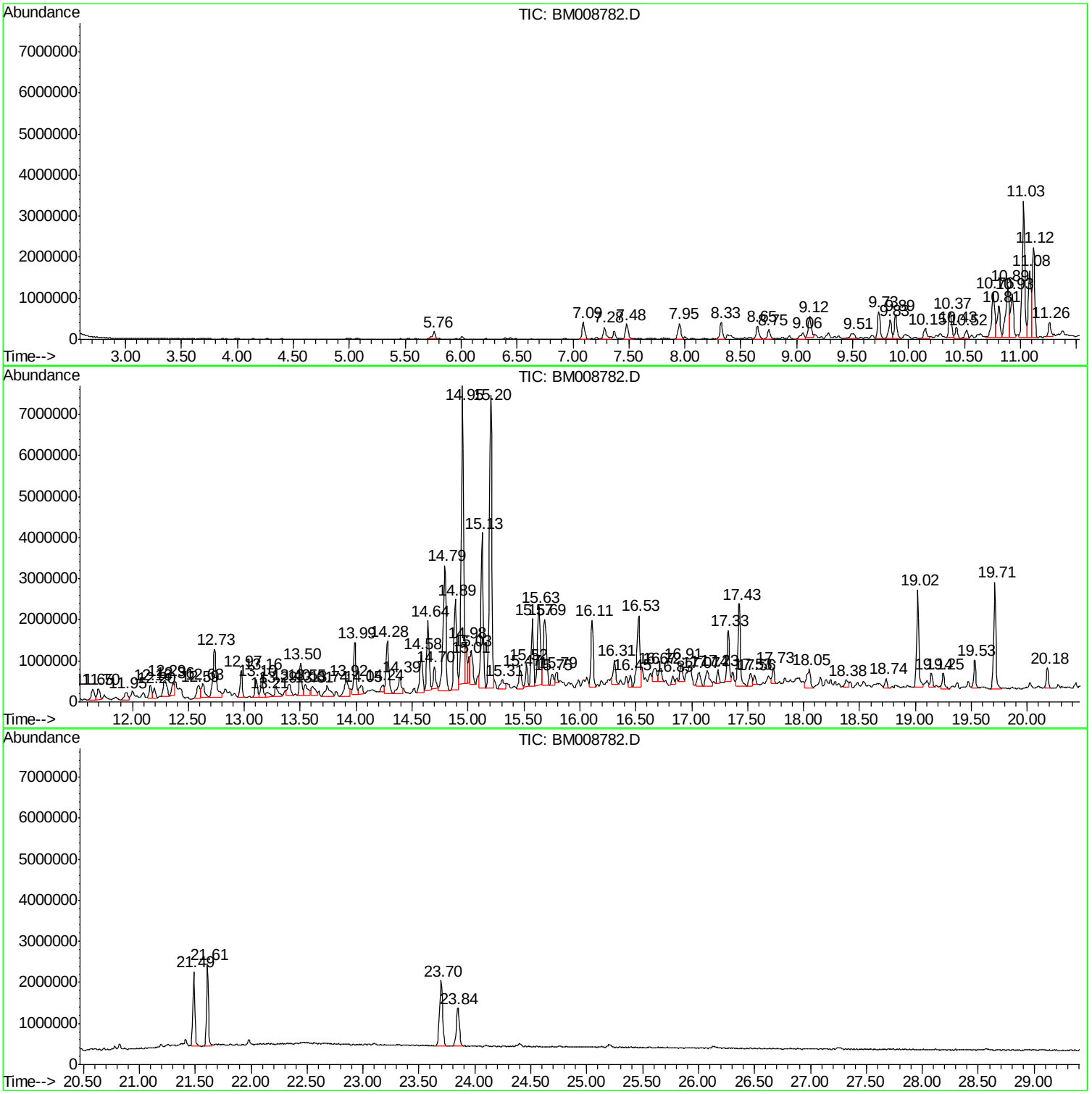
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

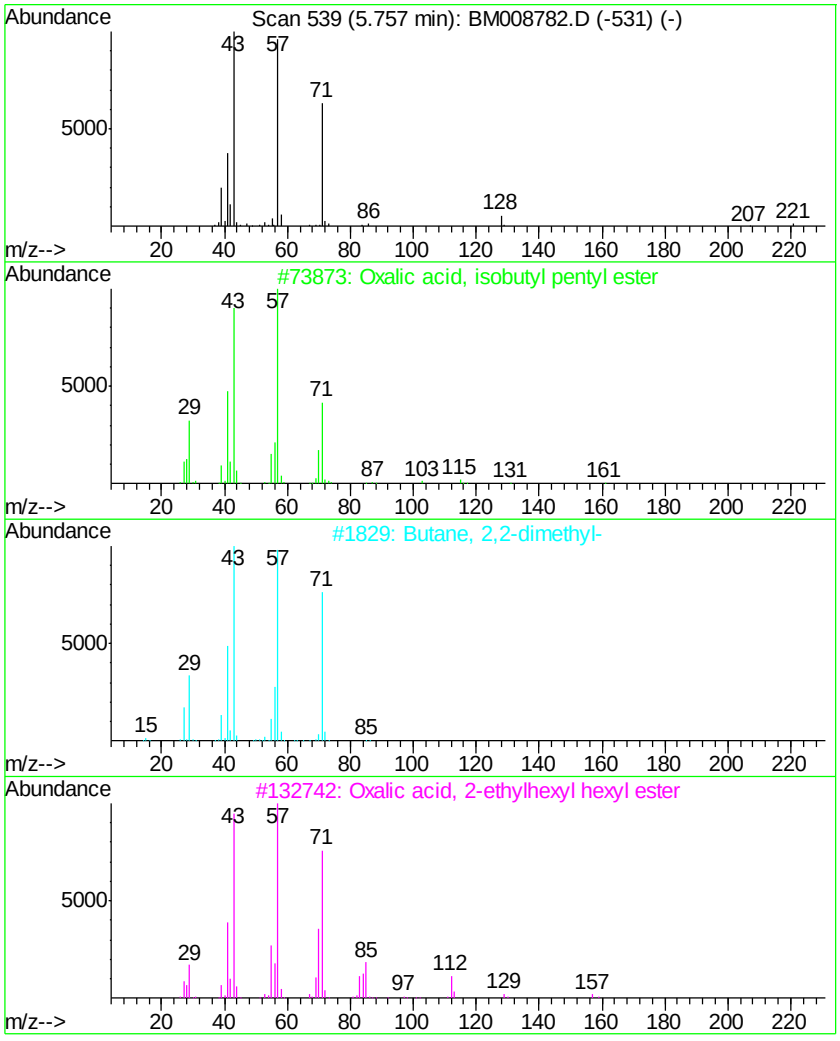
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

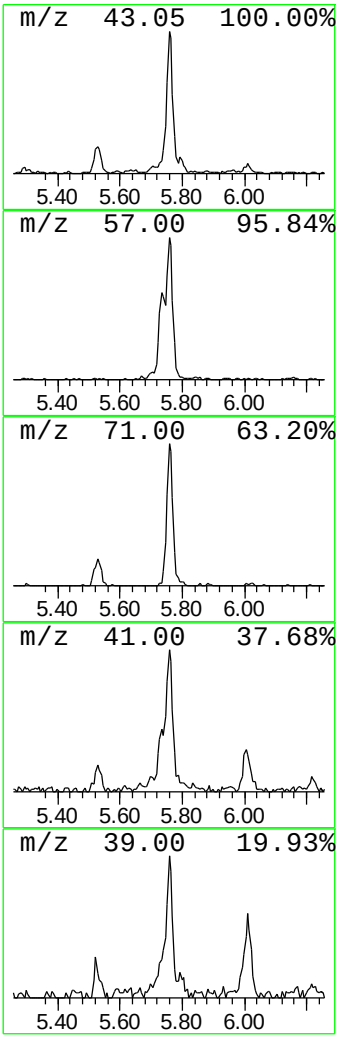
****

Peak Number 1 Oxalic acid, isobutyl penty... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	9.23 ng/ul	318447	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	64
3	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	56
4	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	56
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	56





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

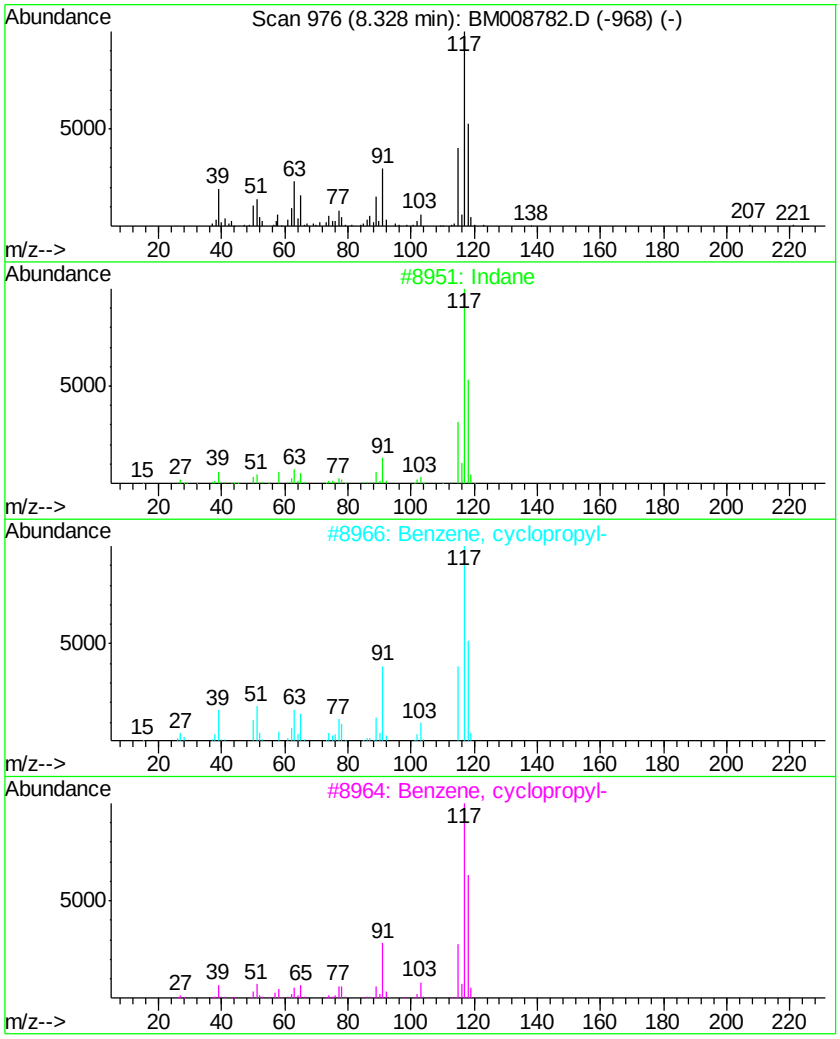
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

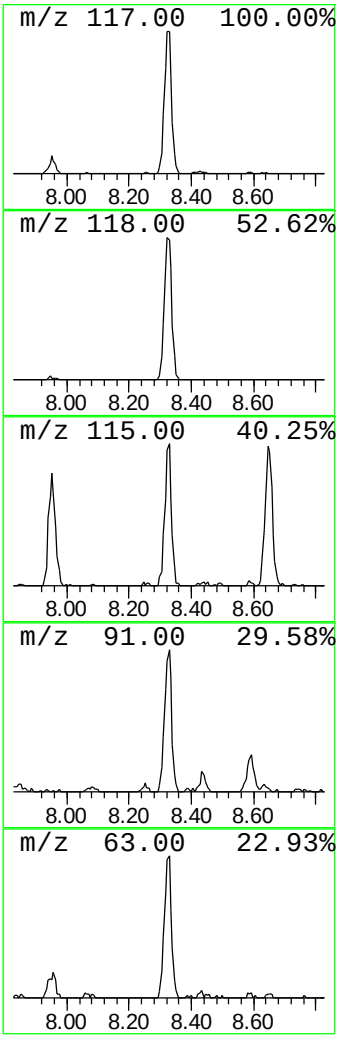
****

Peak Number 2 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	19.33 ng/ul	666753	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

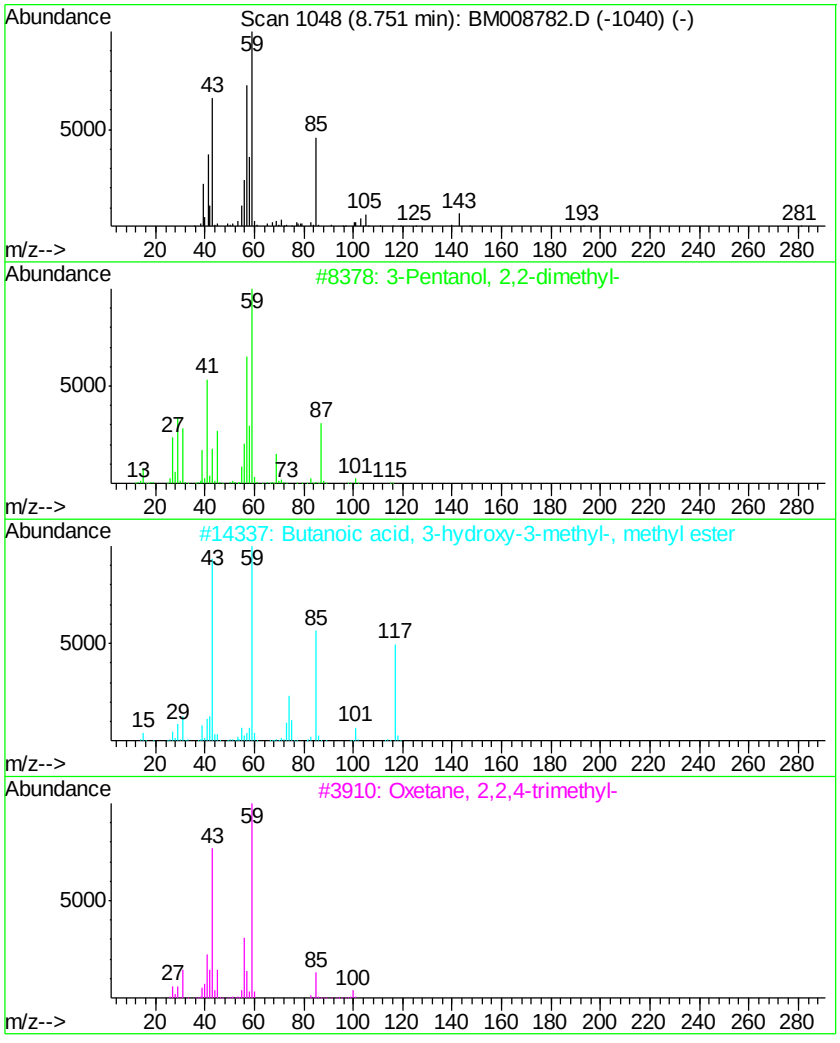
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

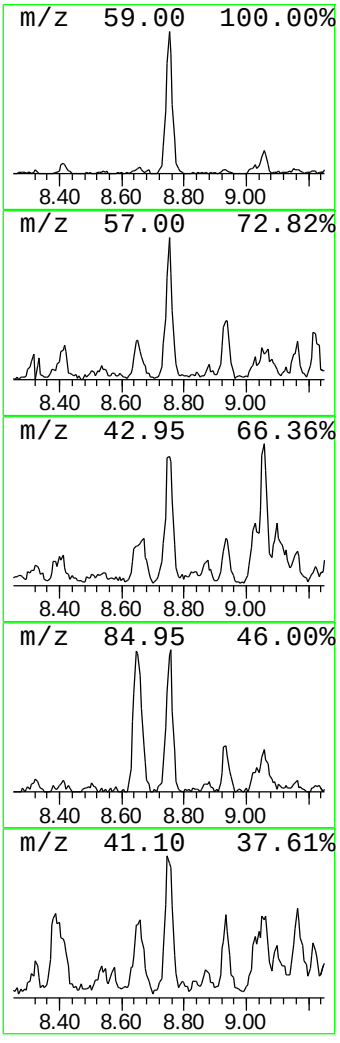
****

Peak Number 3 3-Pentanol, 2,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	11.53 ng/ul	397733	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	53
2	Butanoic acid, 3-hydroxy-3-methy...	132	C6H12O3	006149-45-7	50
3	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	42
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	40
5	Hexylene glycol	118	C6H14O2	000107-41-5	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

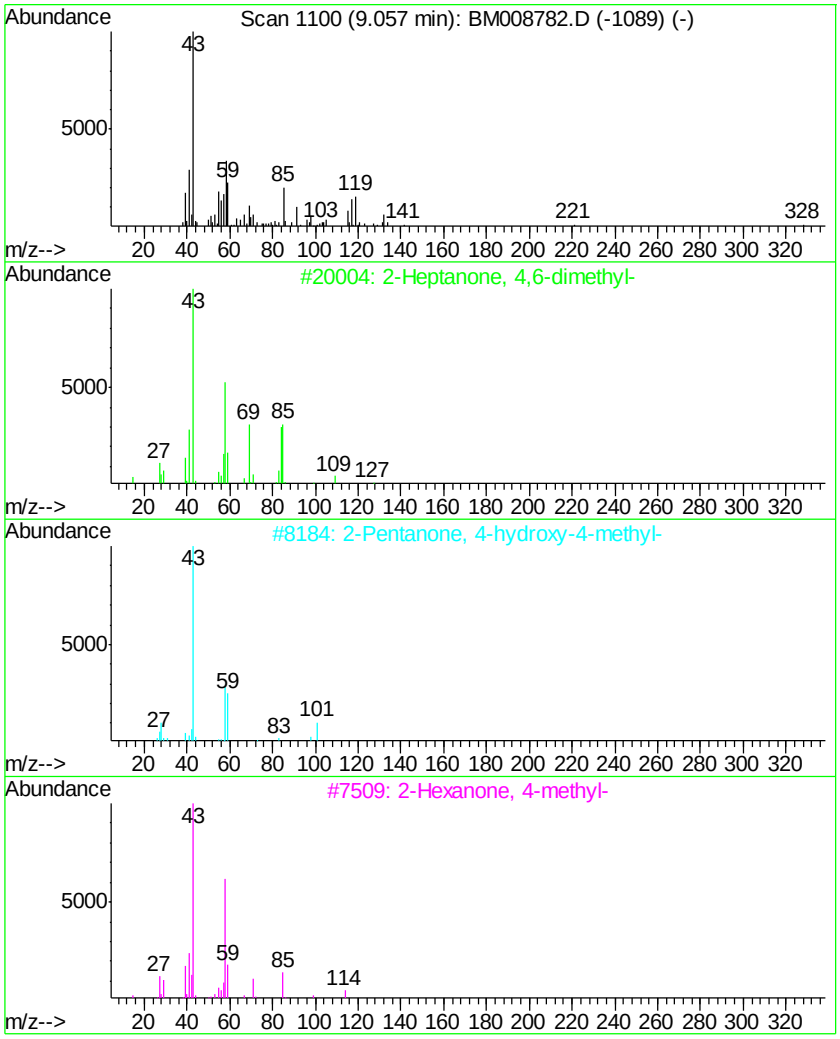
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

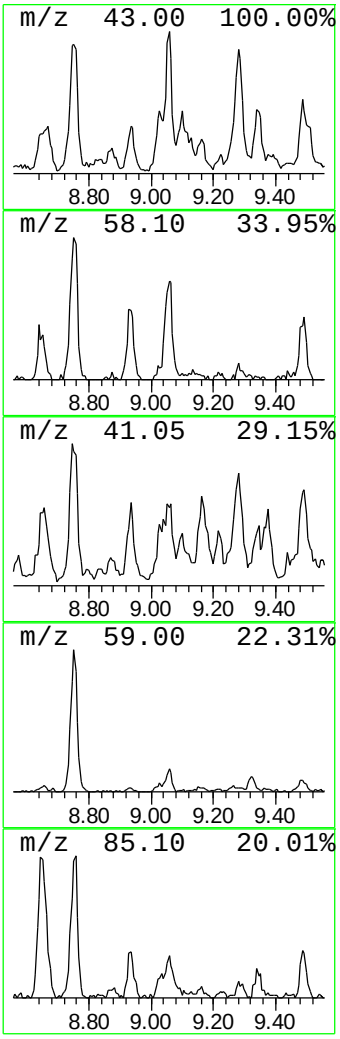
****

Peak Number 4 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	11.27 ng/ul	388839	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	23
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	12
4	1,1-Dimethylbutyl(prop-2-enyl)su...	158	C9H18S	1000215-92-9	12
5	Oxalic acid, ethyl isohexyl ester	202	C10H18O4	1000309-32-5	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

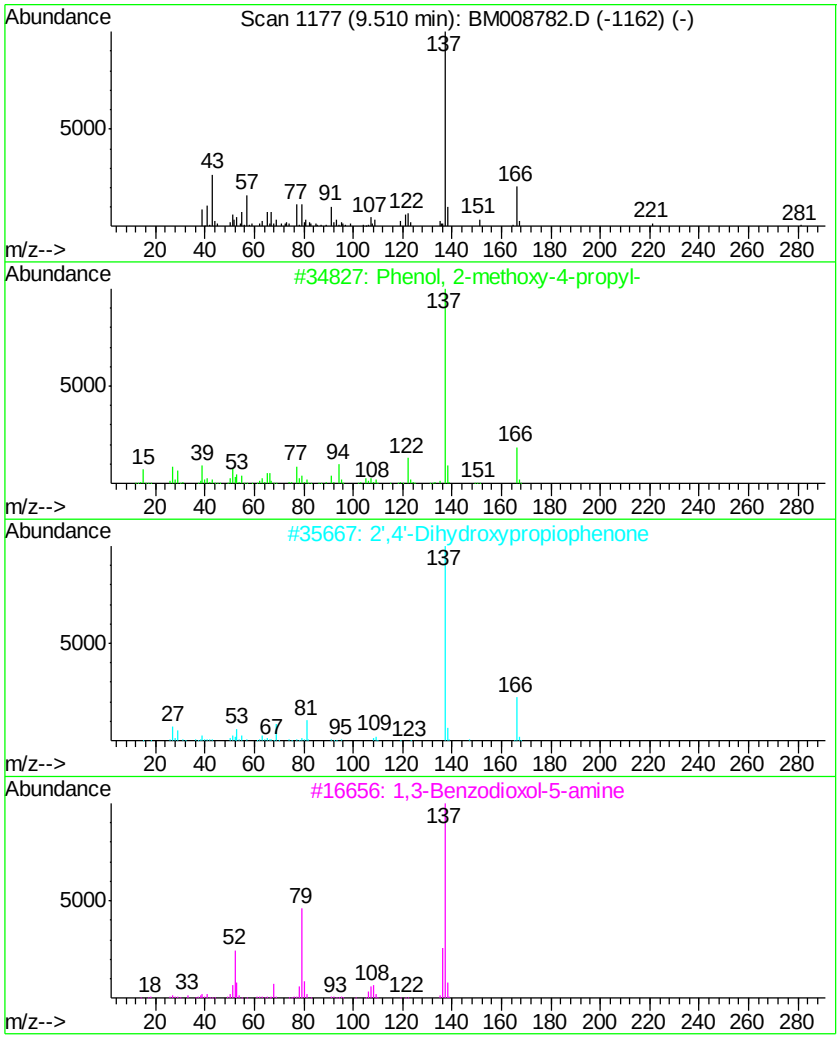
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

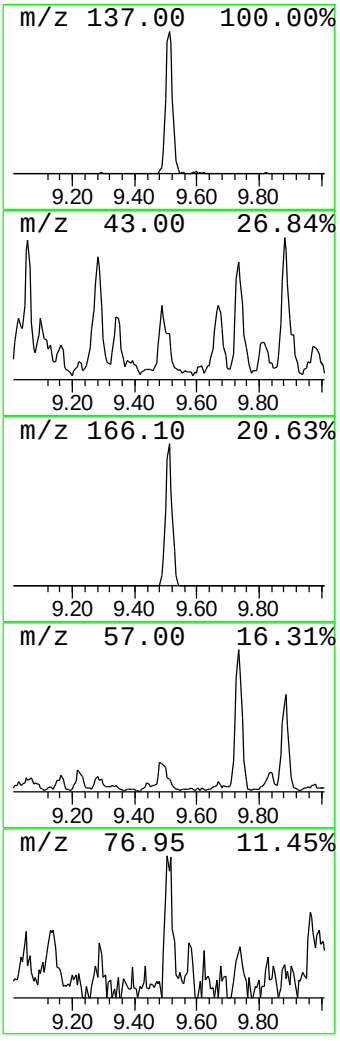
****

Peak Number 5 Phenol, 2-methoxy-4-propyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	3.83 ng/ul	429337	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	72
2	2',4'-Dihydroxypropiophenone	166	C9H10O3	005792-36-9	59
3	1,3-Benzodioxol-5-amine	137	C7H7NO2	014268-66-7	53
4	3-Hexen-1-ol, 6-(2,6,6-trimethyl...	236	C16H28O	110202-07-8	50
5	(-)-R-Phenethanamine, 1-methyl-N...	271	C17H21NO2	1000127-90-4	50





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

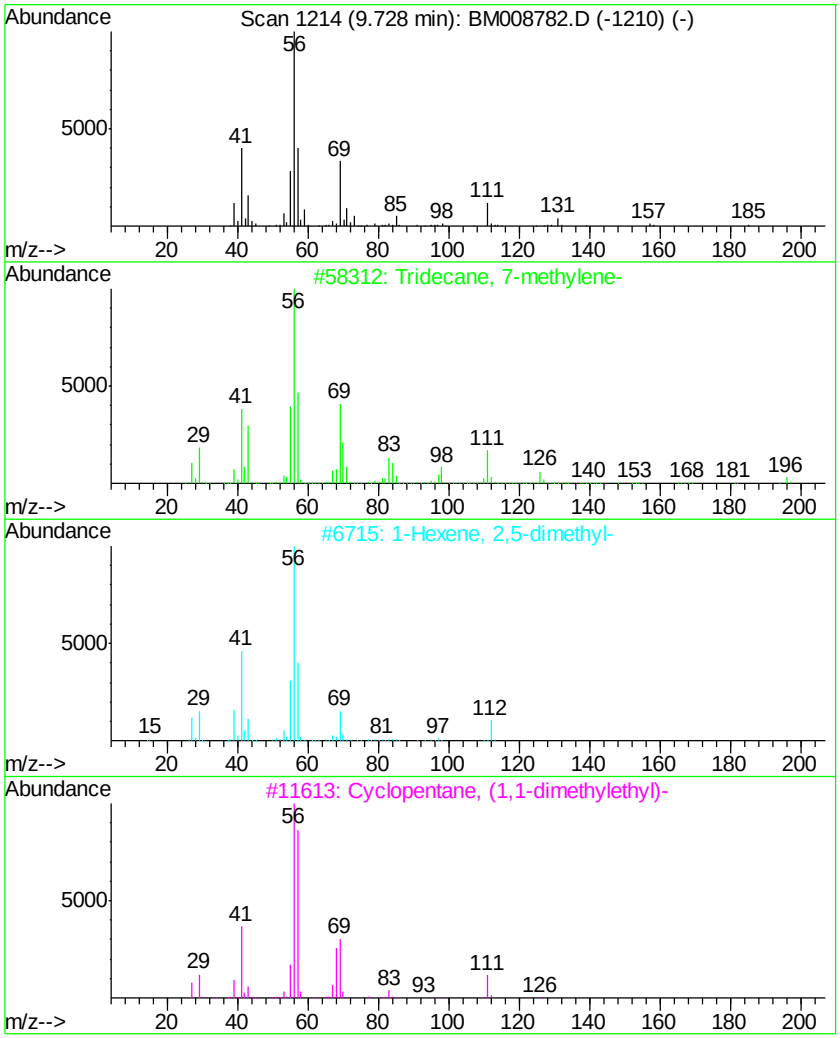
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

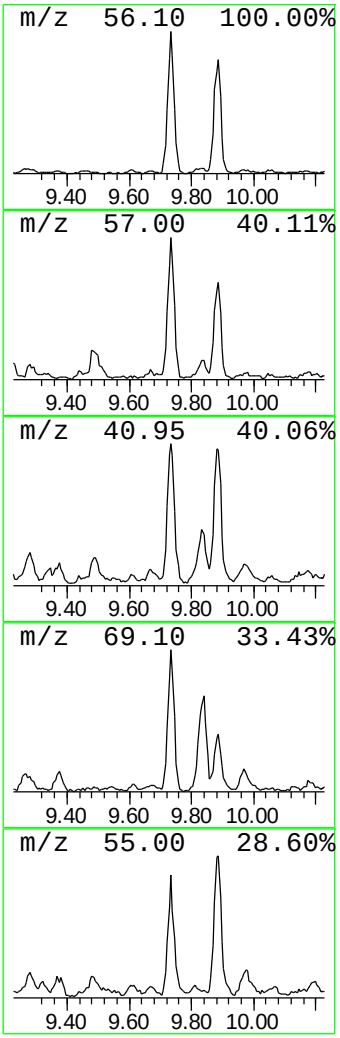
****

Peak Number 6 (DEL) Alkane: Cyclic9.73 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	8.98 ng/ul	1006850	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	45
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	40
3	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	40
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	40
5	1-Oxa-4-azaspiro[4.5]decan-4-oxy...	198	C10H16NO3	1000115-84-0	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

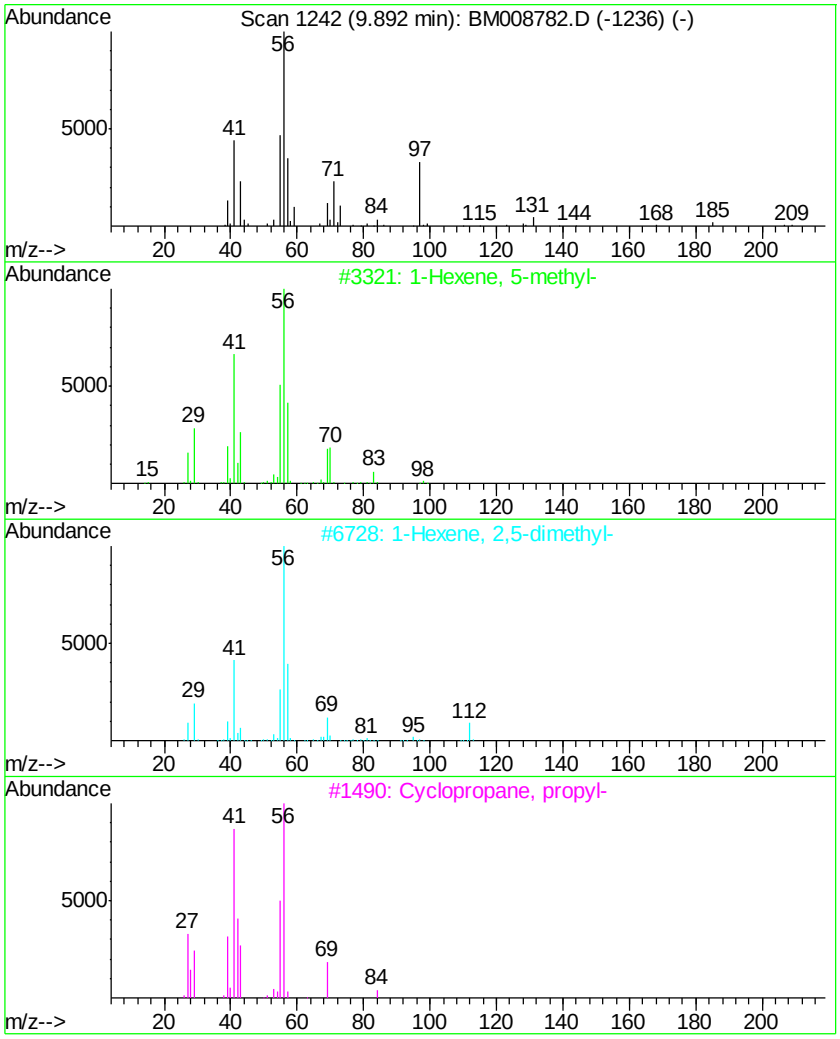
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

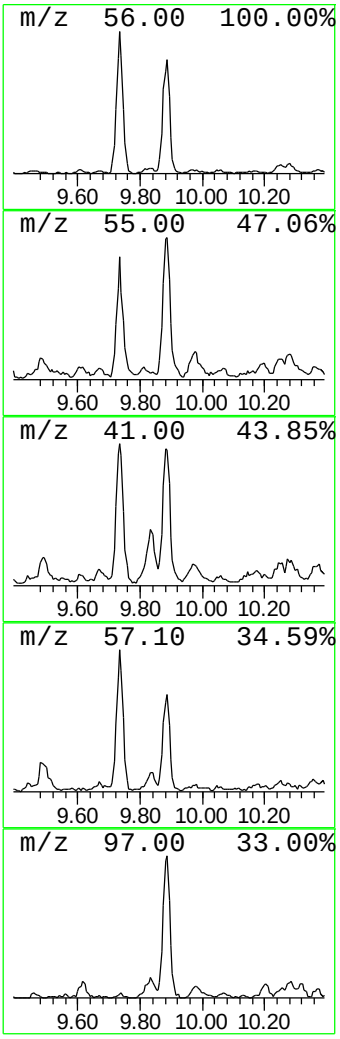
****

Peak Number 7 (DEL) Alkane: Cyclic9.89 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	8.60 ng/ul	964231	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	47
2	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	43
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	38
4	3,3,4,4-Tetramethyl-cyclopentanone	140	C9H16O	056077-22-6	32
5	Oxetane, 2,3,4-trimethyl-	100	C6H12O	053778-61-3	23





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

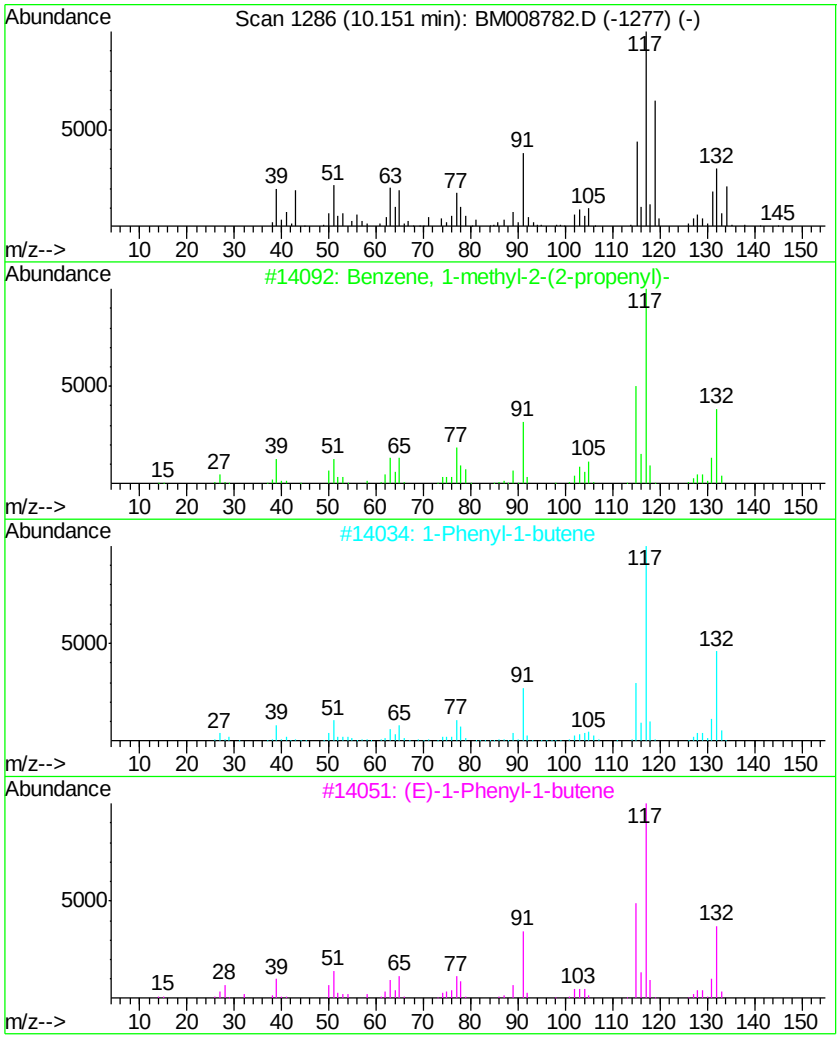
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

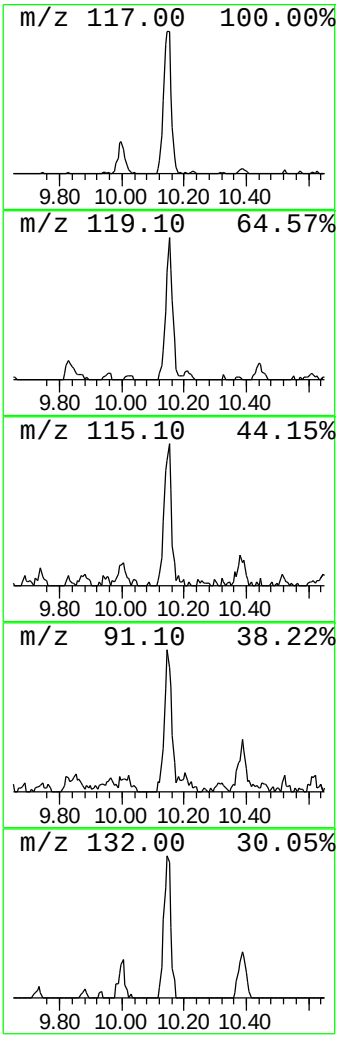
****

Peak Number 8 Benzene, 1-methyl-2-(2-prop... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	4.51 ng/ul	505151	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	92
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

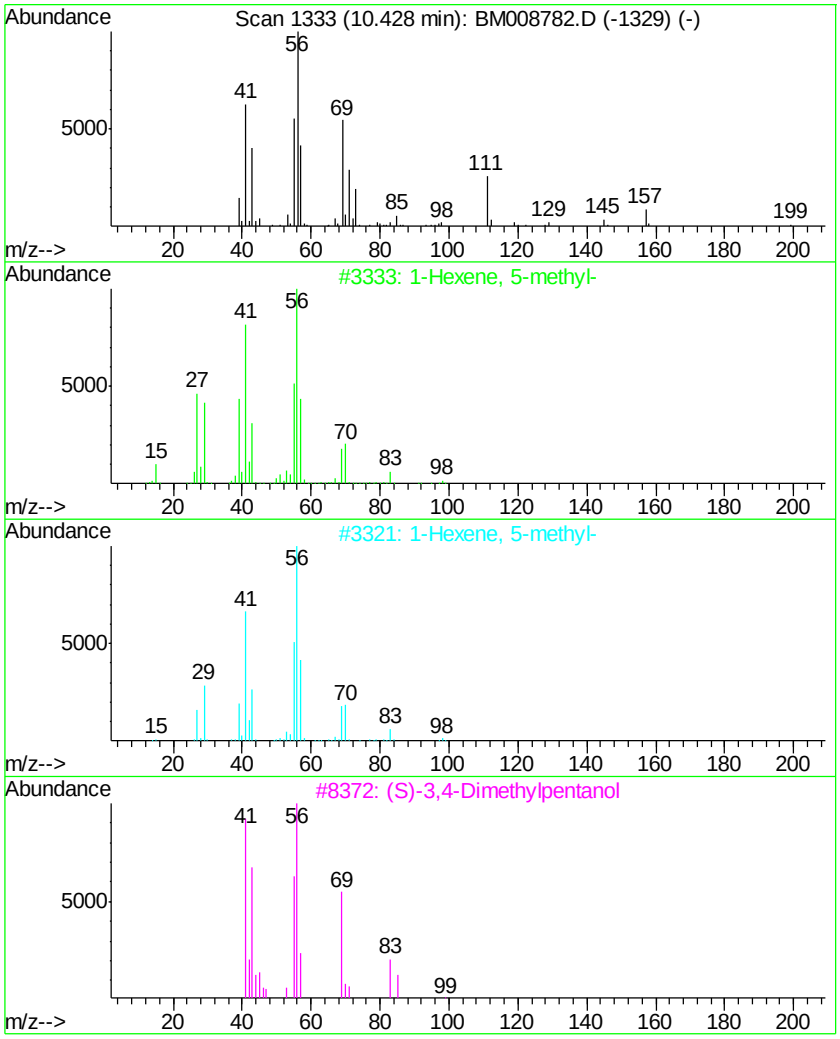
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

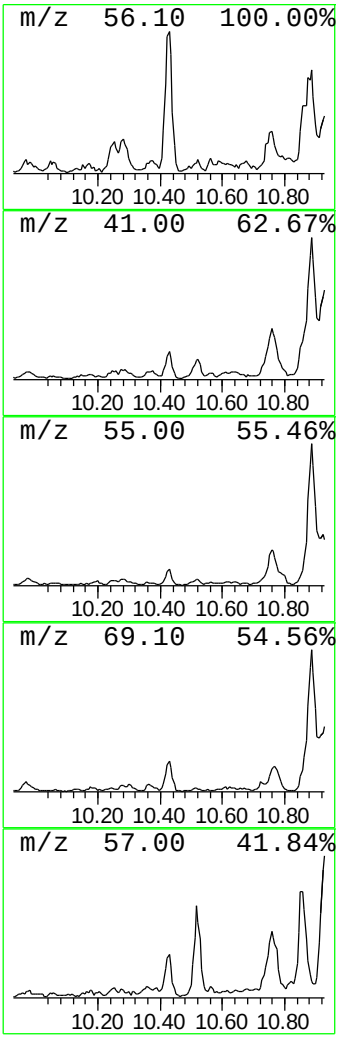
****

Peak Number 9 (DEL) Alkane: Cyclic10.43 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	3.90 ng/ul	436711	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	43
3	(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	43
4	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	38
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

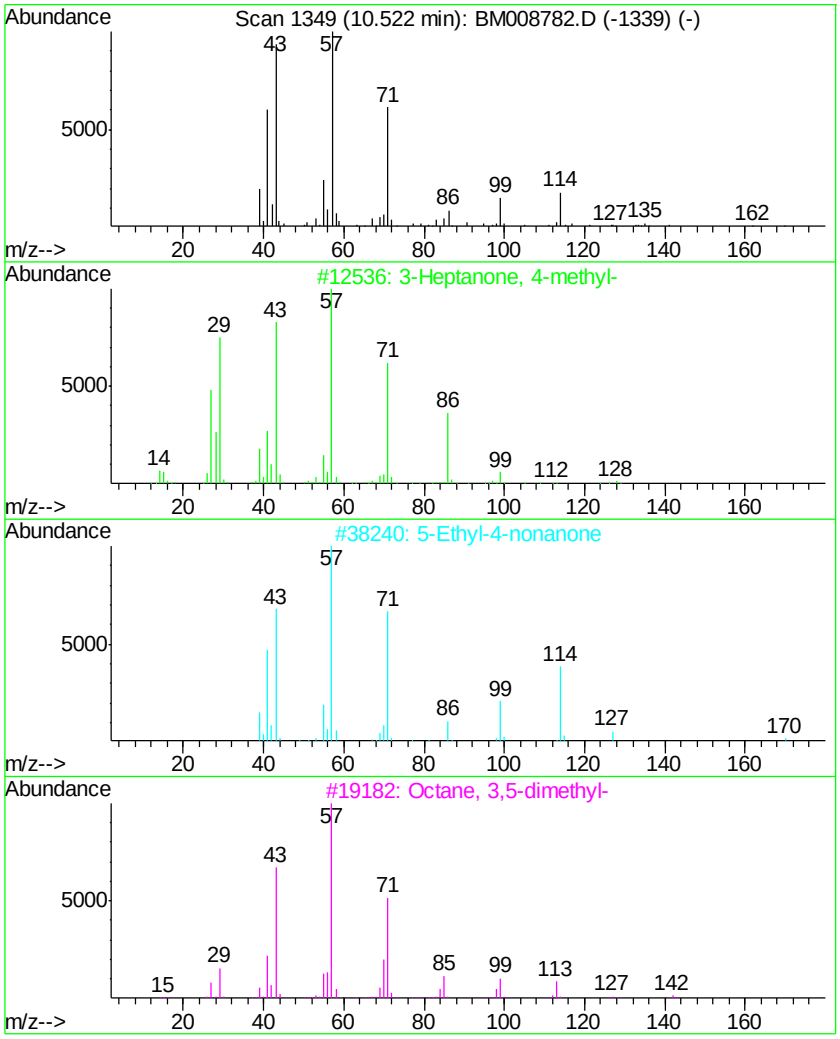
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

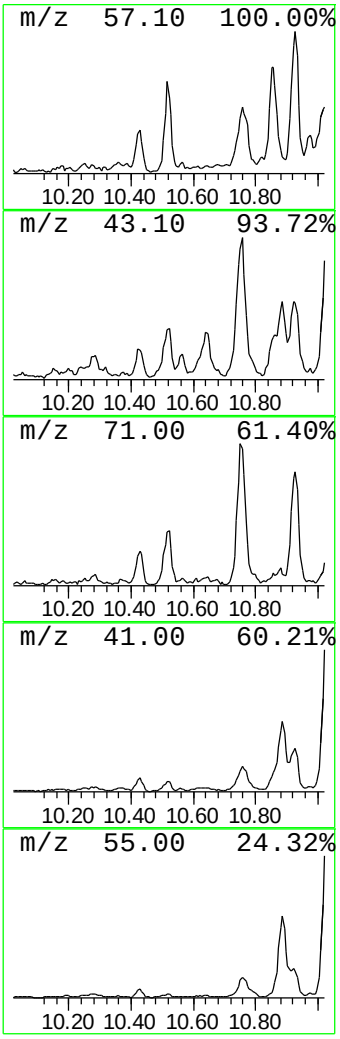
****

Peak Number 10 3-Heptanone, 4-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.52 ng/ul	394596	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 4-methyl-	128	C8H16O	006137-11-7	64
2	5-Ethyl-4-nonanone	170	C11H22O	1000374-06-7	59
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5	4-Heptanone	114	C7H14O	000123-19-3	52





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

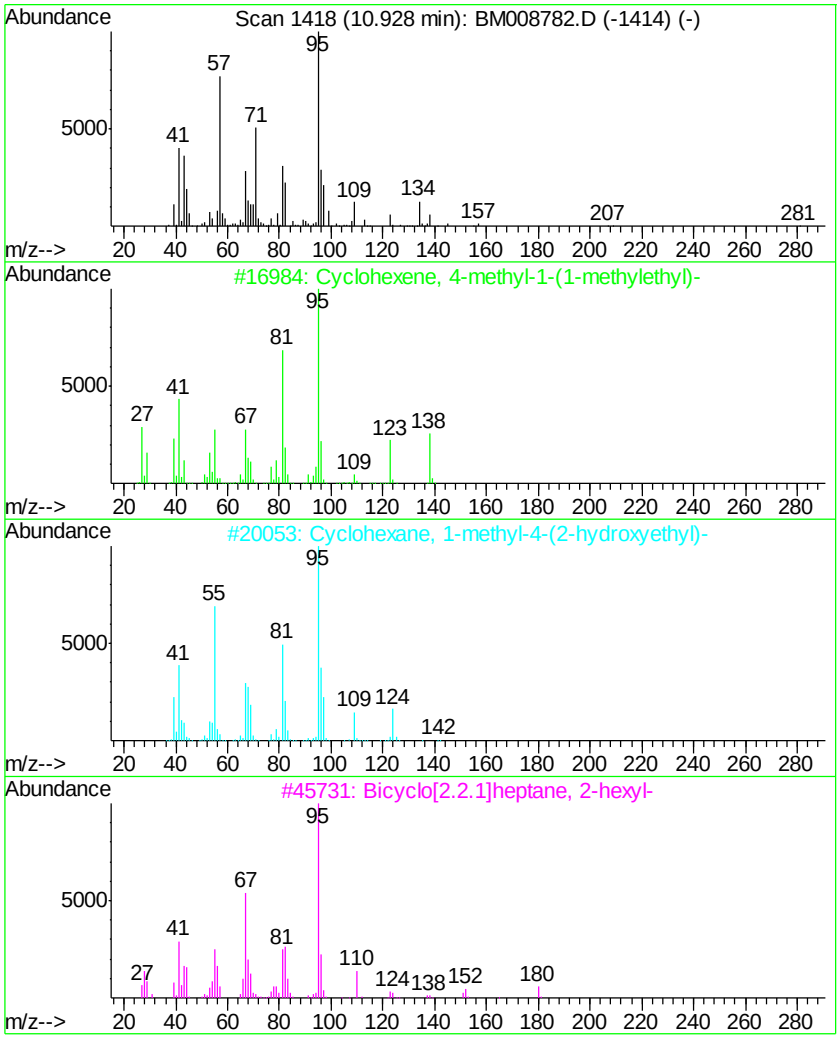
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

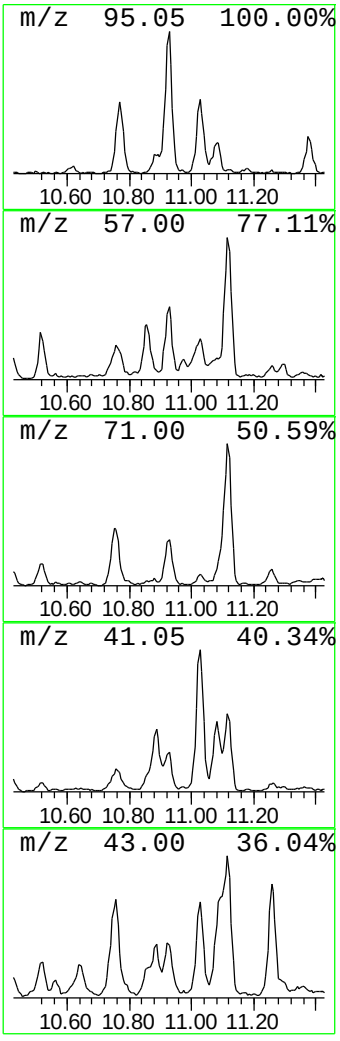
****

Peak Number 11 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	16.71 ng/ul	1873190	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	43
2	Cyclohexane, 1-methyl-4-(2-hydro...	142	C9H18O	004916-87-4	43
3	Bicyclo[2.2.1]heptane, 2-hexyl-	180	C13H24	061141-60-4	38
4	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	38
5	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	37





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

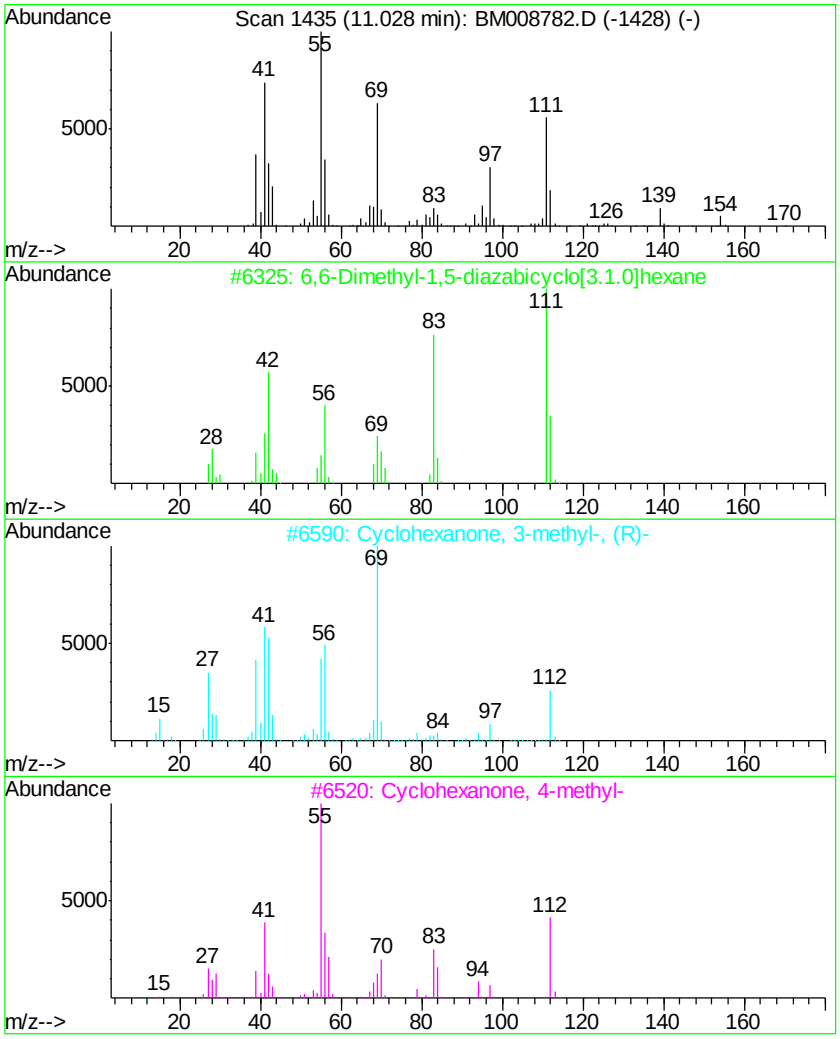
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

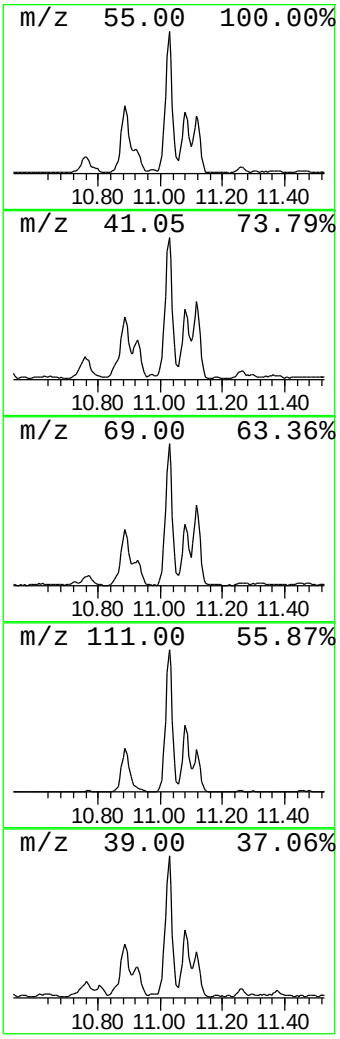
****

Peak Number 12 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	48.34 ng/ul	5418300	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	104518-69-6	43
2	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	38
3	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	30
4	4-Octene, (E)-	112	C8H16	014850-23-8	27
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

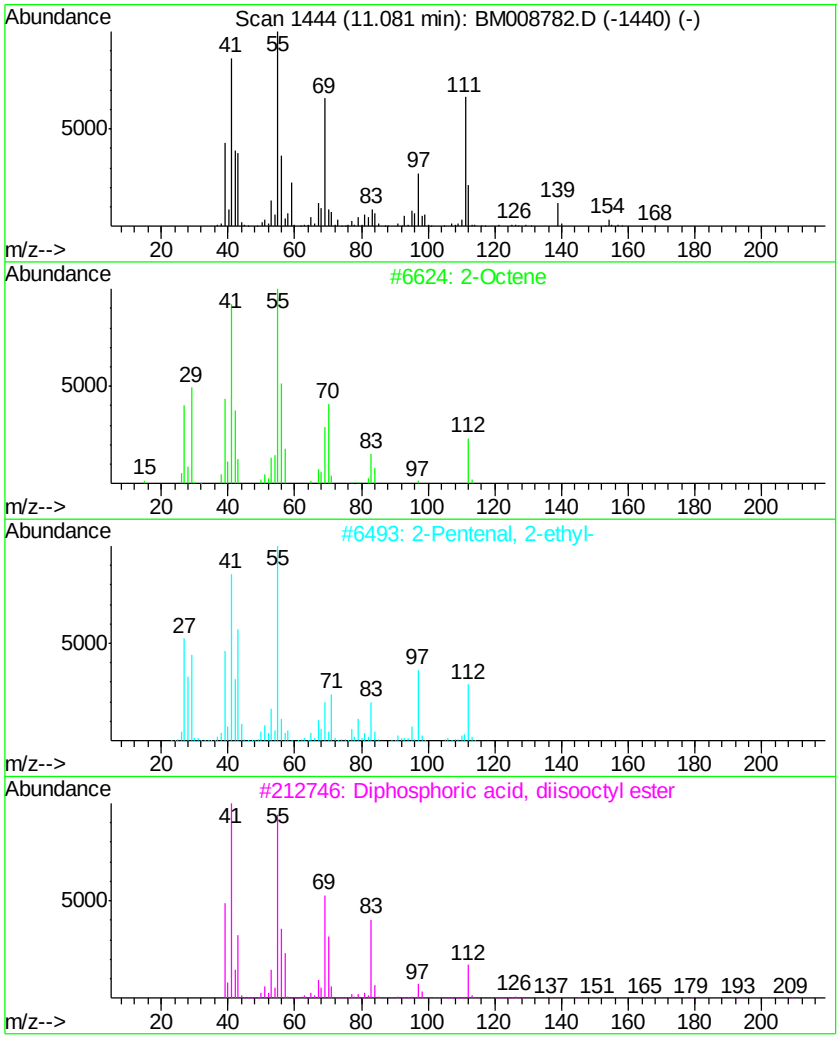
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

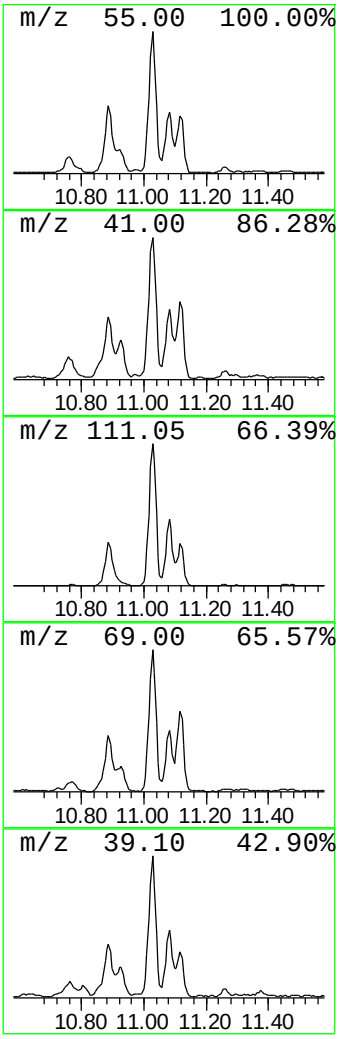
****

Peak Number 13 (DEL) Alkane: Cyclic11.08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	25.52 ng/ul	2860790	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene	112	C8H16	000111-67-1	53
2	2-Pentenal, 2-ethyl-	112	C7H12O	003491-57-4	43
3	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	38
4	2-Butynedioic acid, dimethyl ester	142	C6H6O4	000762-42-5	27
5	3-Octene, (E)-	112	C8H16	014919-01-8	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

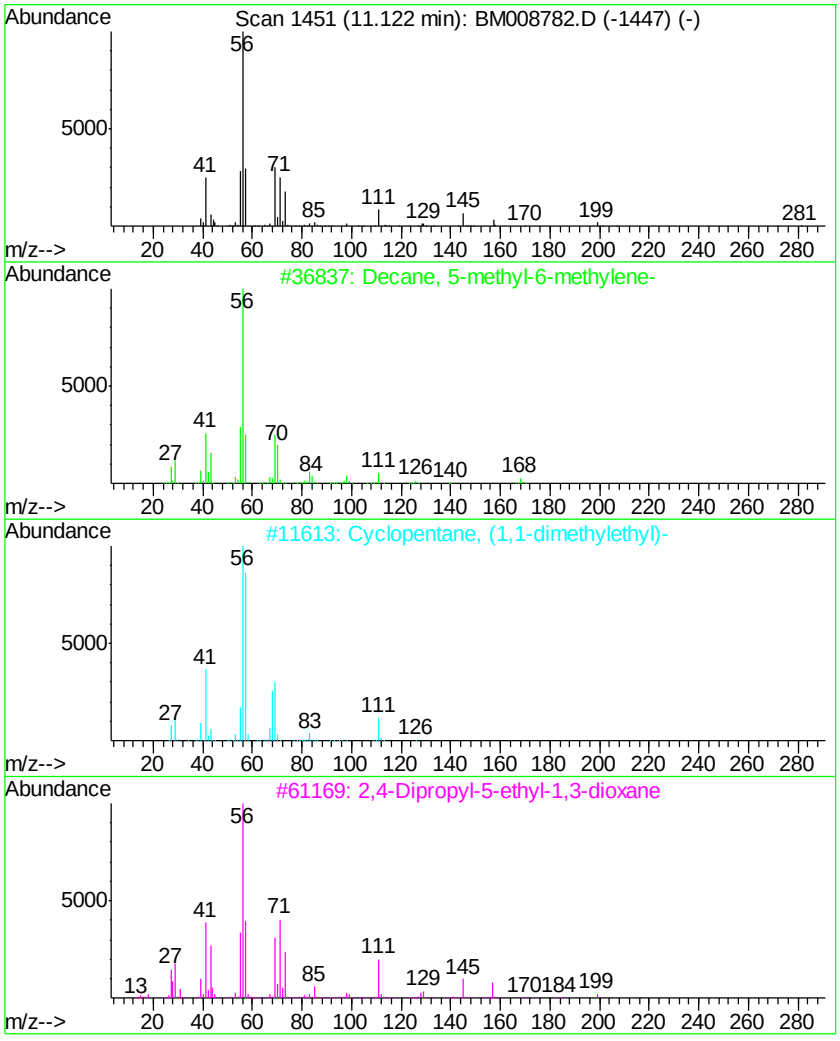
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

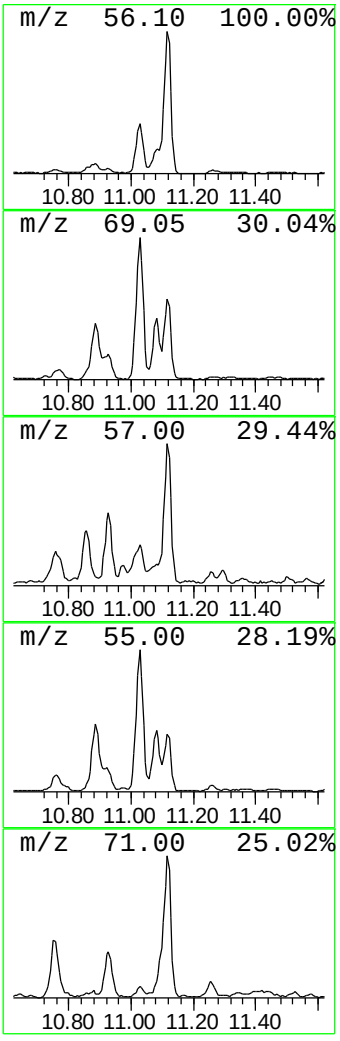
****

Peak Number 14 (DEL) Alkane: Cyclic11.12 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	29.37 ng/ul	3291690	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	33
2	Cyclopentane, (1,1-dimethylethyl)-	126	C9H18	003875-52-3	33
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	16
4	Aziridine, 2-ethyl-	71	C4H9N	002549-67-9	9
5	3,4,5-Trimethyldihydrofuran-2-one	128	C7H12O2	1000194-05-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

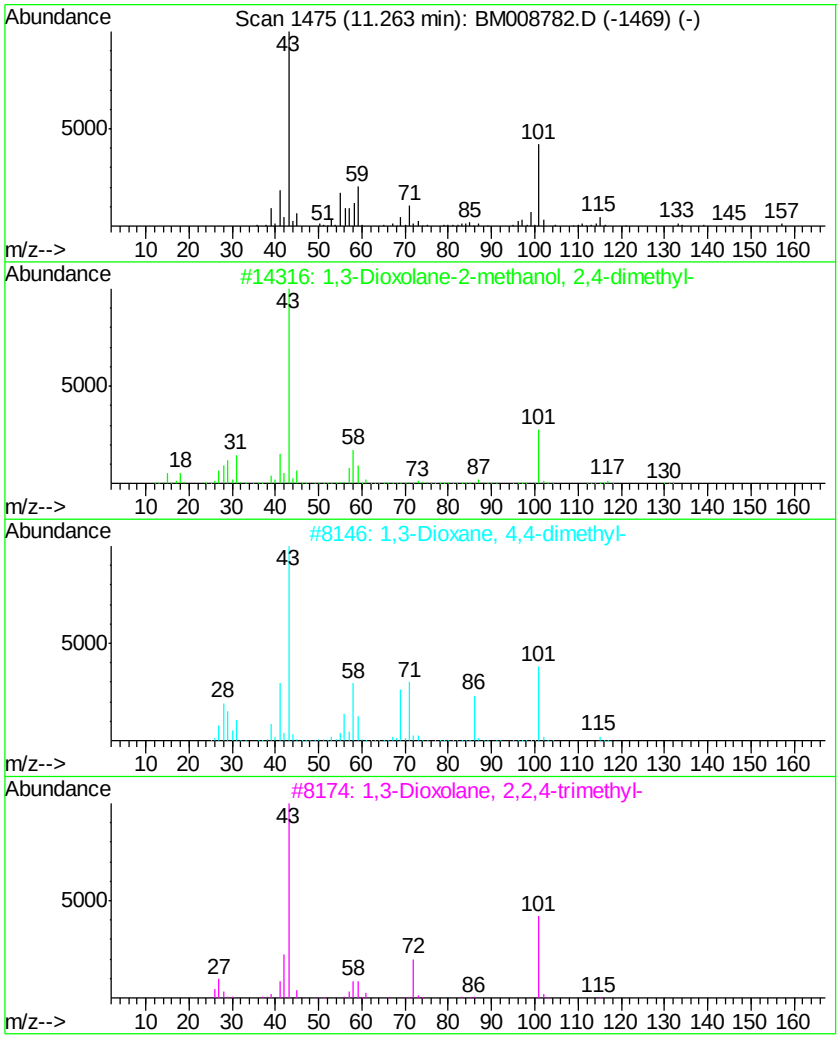
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

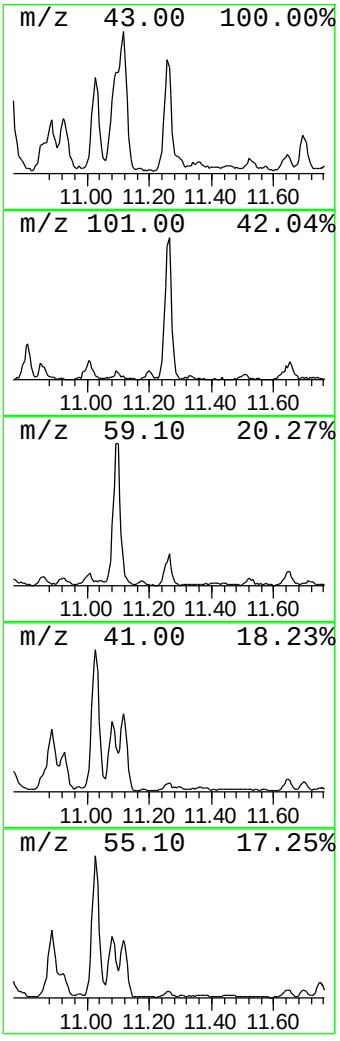
****

Peak Number 15 1,3-Dioxolane-2-methanol, 2... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	4.91 ng/ul	550778	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	53
2	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	50
3	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	50
4	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	40
5	4-Hydroxy-N-methylpiperidine	115	C6H13NO	000106-52-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

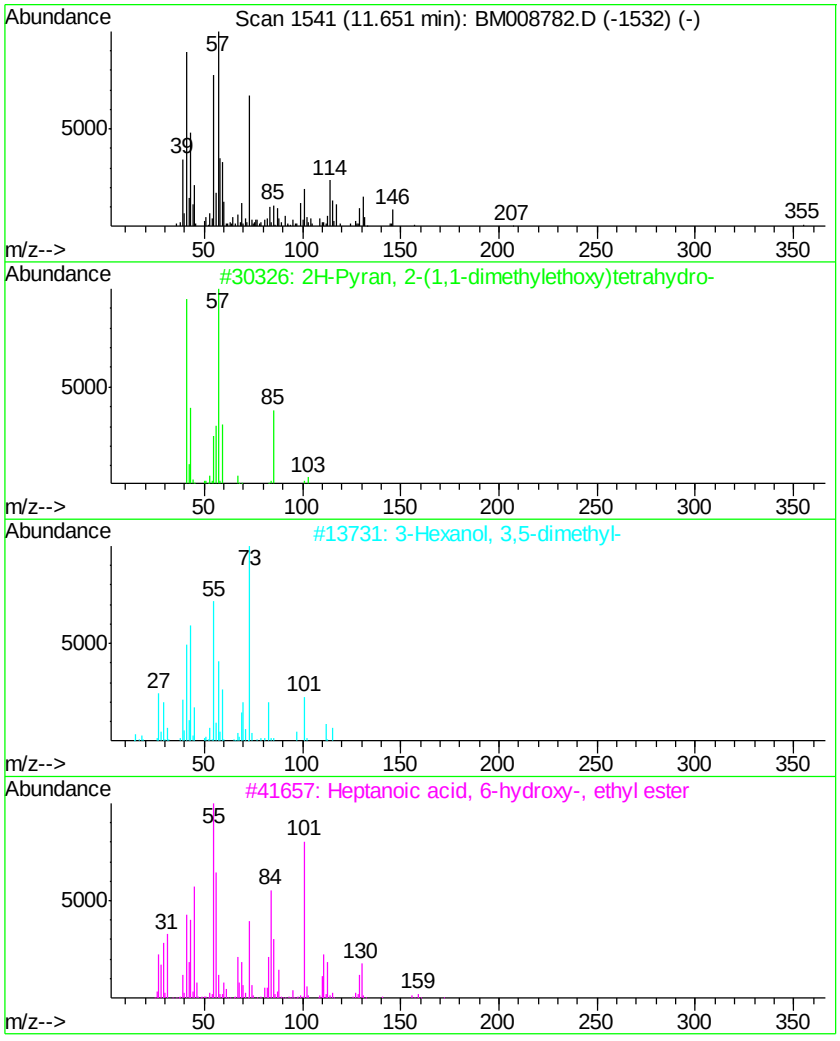
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

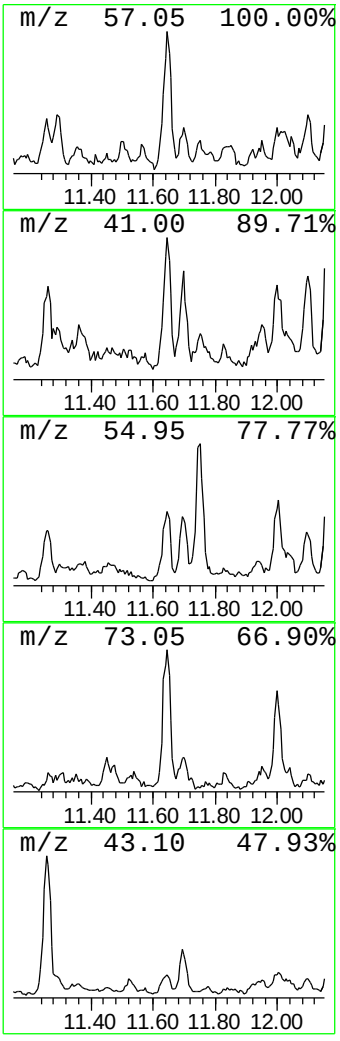
****

Peak Number 16 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	5.26 ng/ul	589256	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	35
2	3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	32
3	Heptanoic acid, 6-hydroxy-, ethy...	174	C9H18O3	128456-63-3	25
4	Hexanoic acid, 2-ethyl-, heptyl ...	242	C15H30O2	112445-68-8	22
5	1-Methylcyclopropanecarboxylic a...	114	C6H10O2	006206-25-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

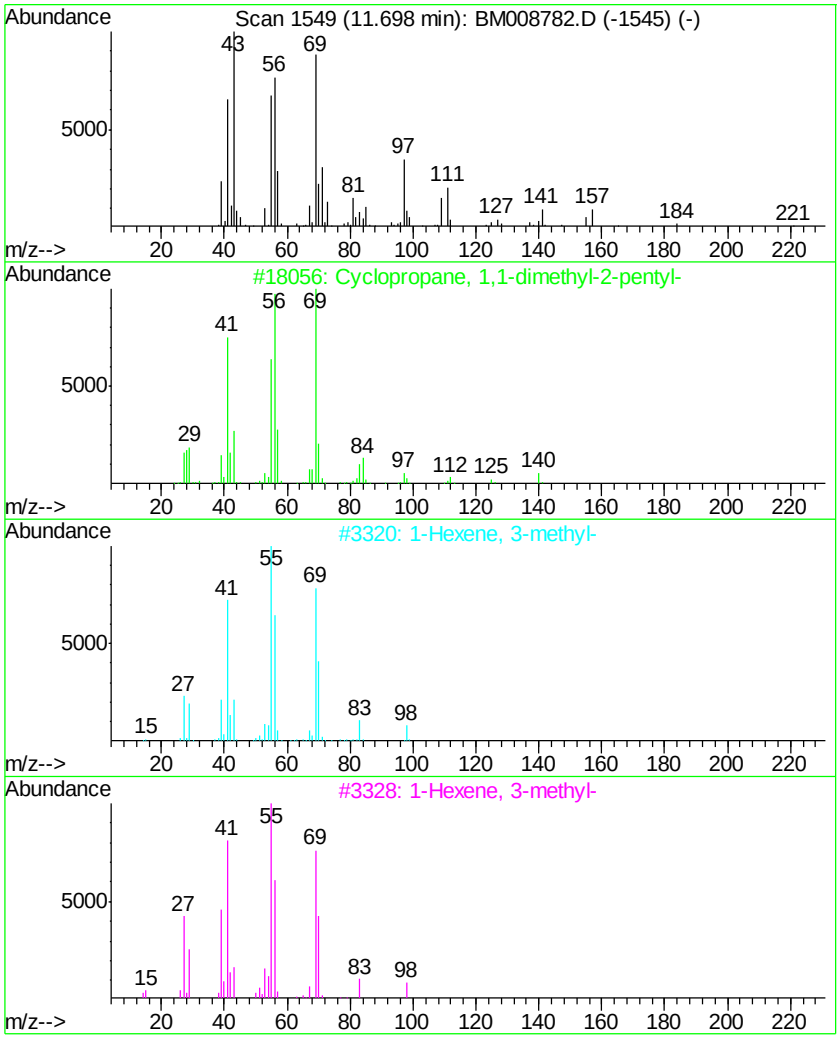
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

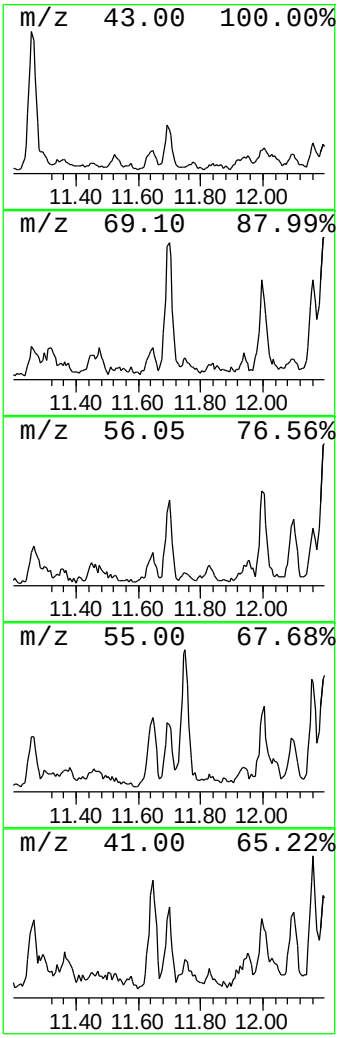
****

Peak Number 17 (DEL) Alkane: Cyclic11.70 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.87 ng/ul	434219	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	53
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	47
4	8-Heptadecanol	256	C17H36O	002541-75-5	38
5	1-(Allylamino)butane-1,3-dione	141	C7H11NO2	041153-95-1	30





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

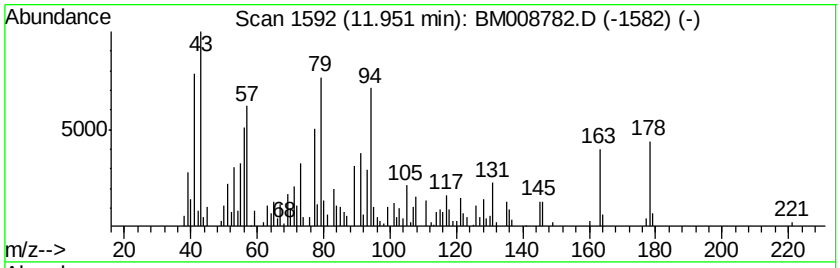
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

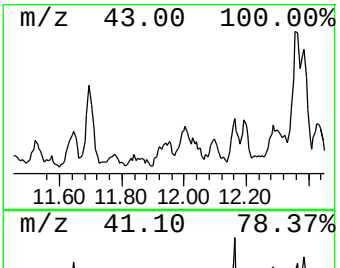
****

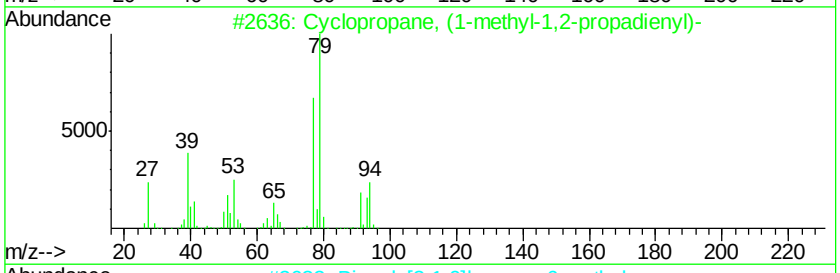
Peak Number 18 unknown-05 Concentration Rank 59

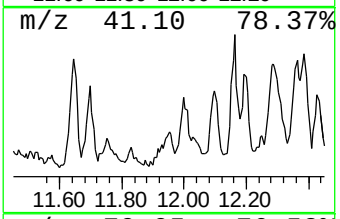
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.80 ng/ul	425498	Naphthalene-d8	10.76

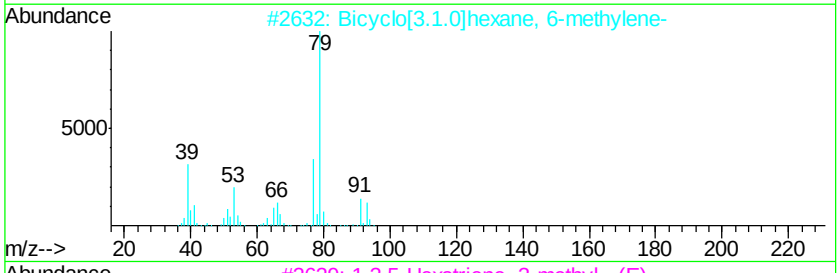
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, (1-methyl-1,2-prop...	94	C7H10	051549-86-1	35
2	Bicyclo[3.1.0]hexane, 6-methylene-	94	C7H10	054211-16-4	35
3	1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	35
4	9-Borabicyclo[3.3.1]nonane, 9-bu...	178	C12H23B	023532-74-3	25
5	2,8-Decadiyne	134	C10H14	004116-93-2	22

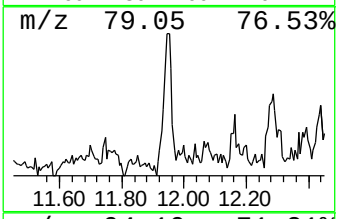


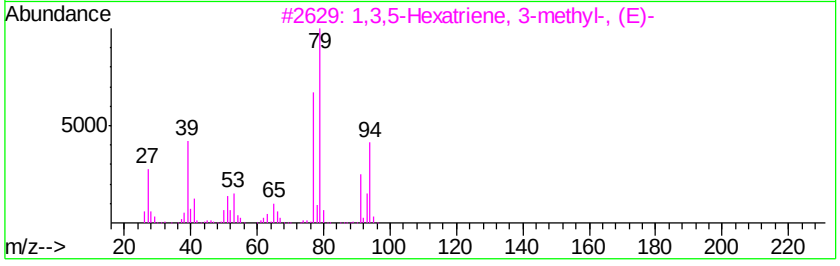


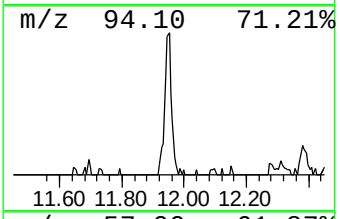


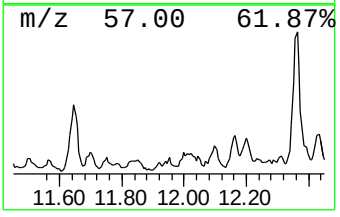












Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

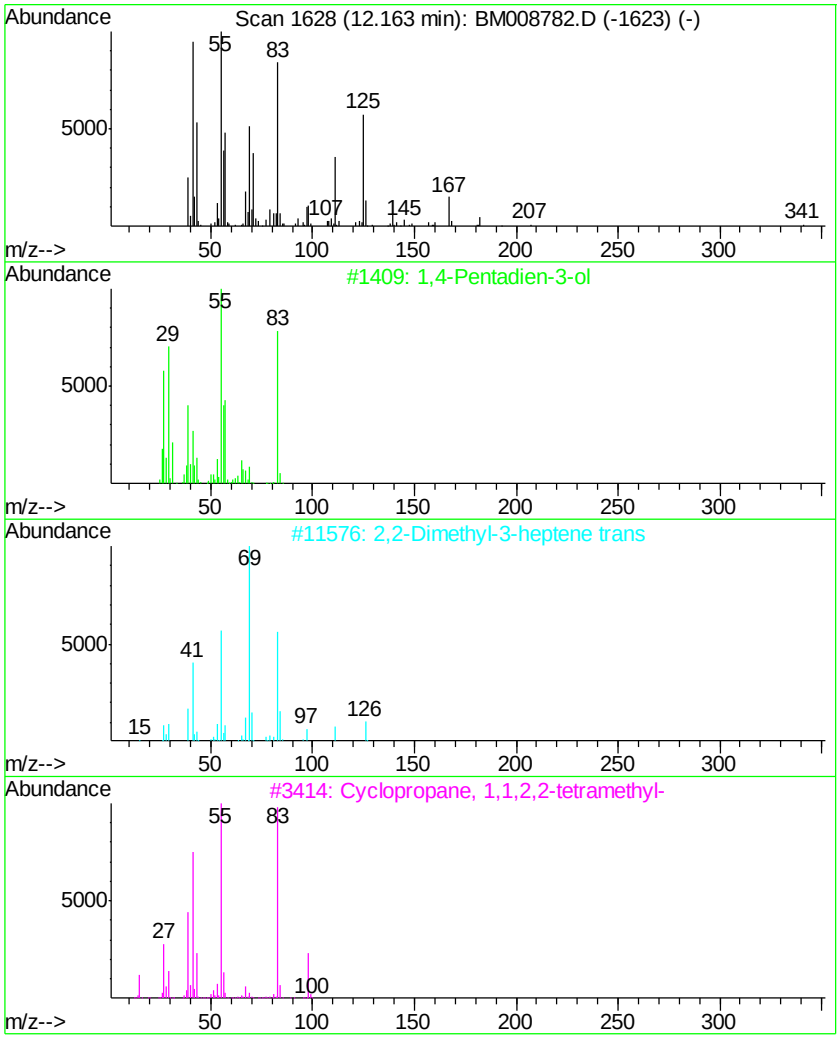
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

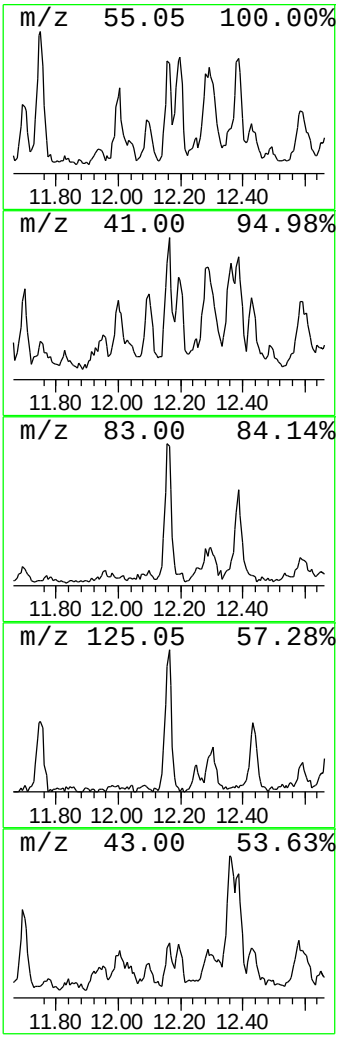
****

Peak Number 19 unknown-06 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.27 ng/ul	478516	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	43
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	43
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	38
4	3-Acetamidofuran	125	C6H7NO2	059445-85-1	38
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

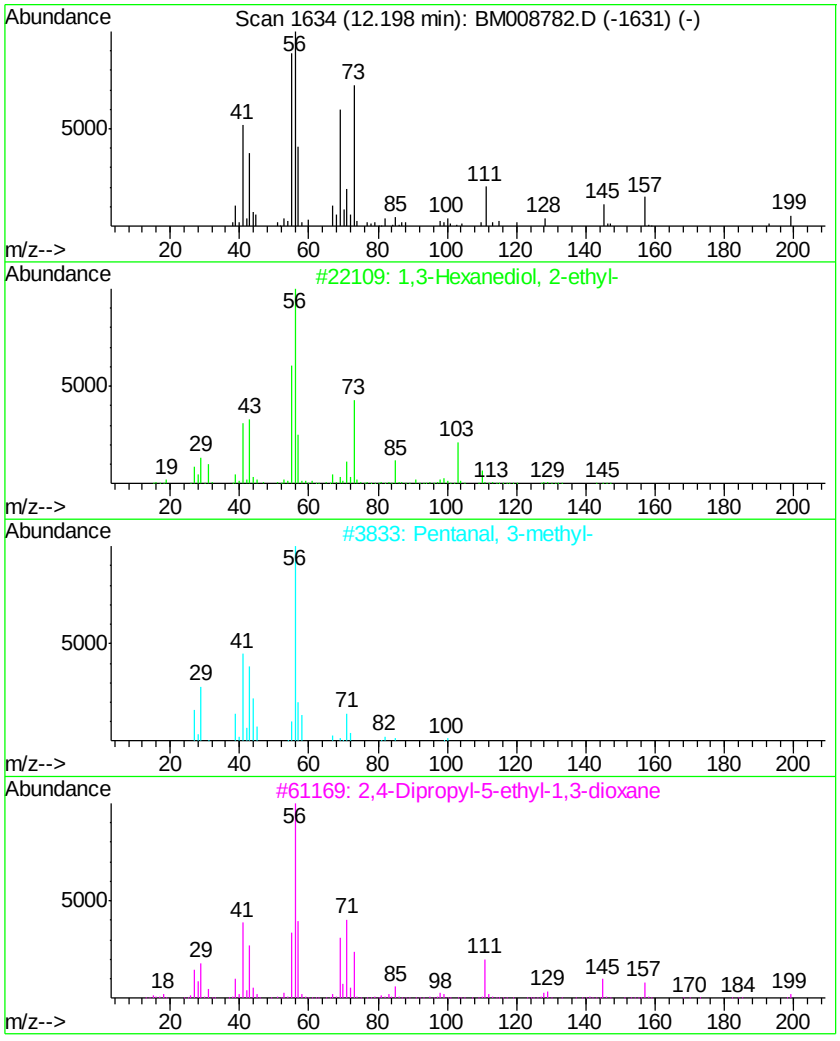
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

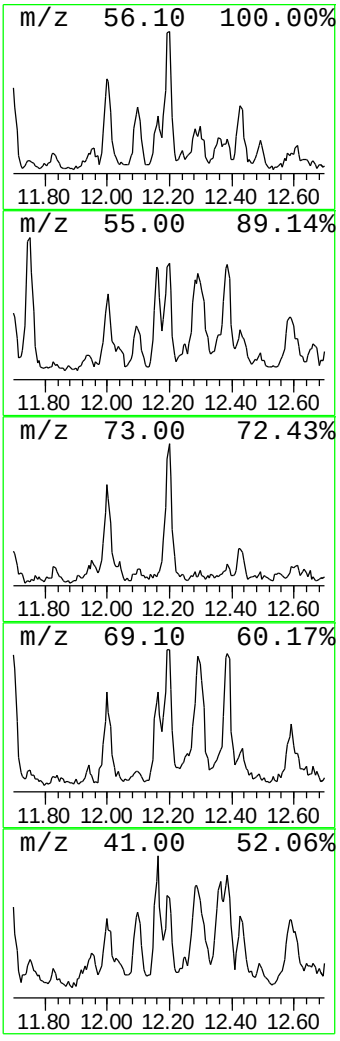
****

Peak Number 20 1,3-Hexanediol, 2-ethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	2.93 ng/ul	328057	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	50
2	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	43
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	42
4	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	38
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

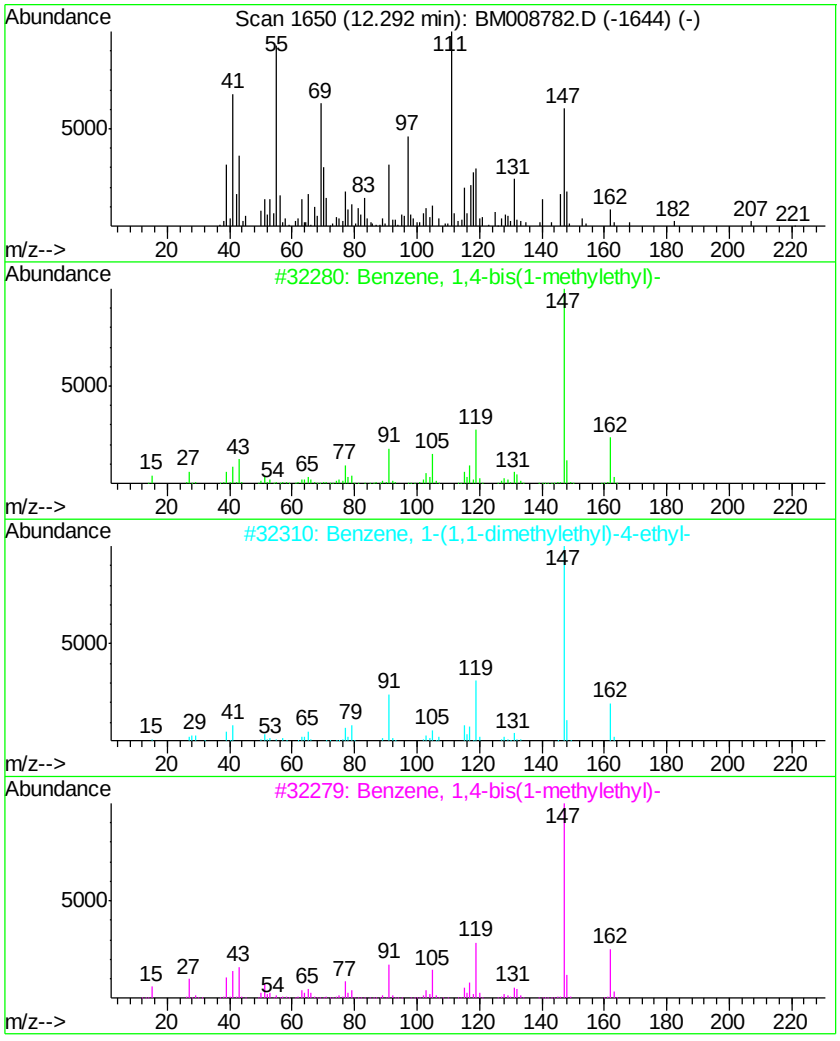
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

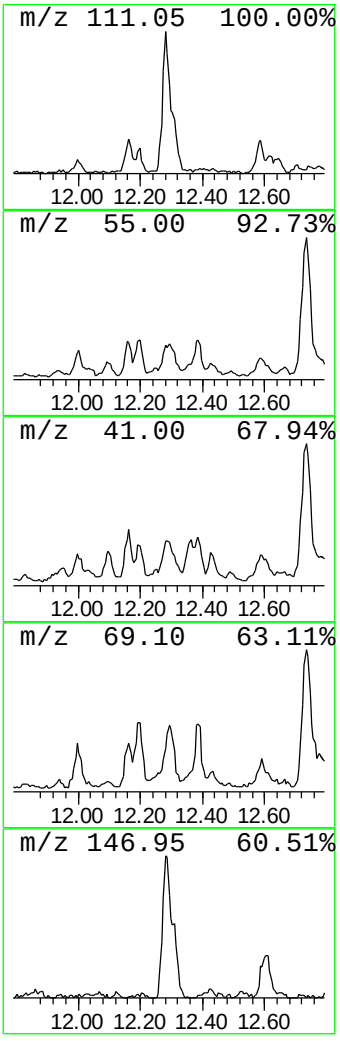
****

Peak Number 21 unknown-07 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	8.76 ng/ul	981321	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	42
2	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	42
3	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	42
4	Isoquinoline, 5,6,7,8-tetrahydro...	147	C10H13N	037009-20-4	38
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

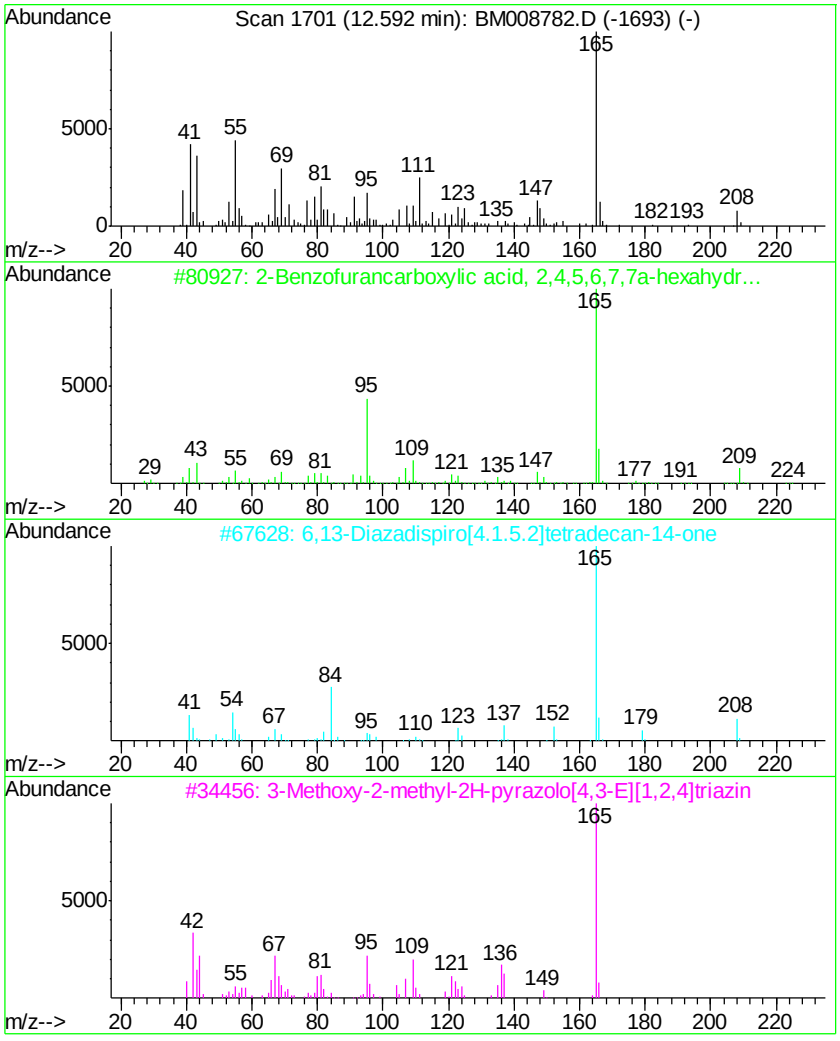
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

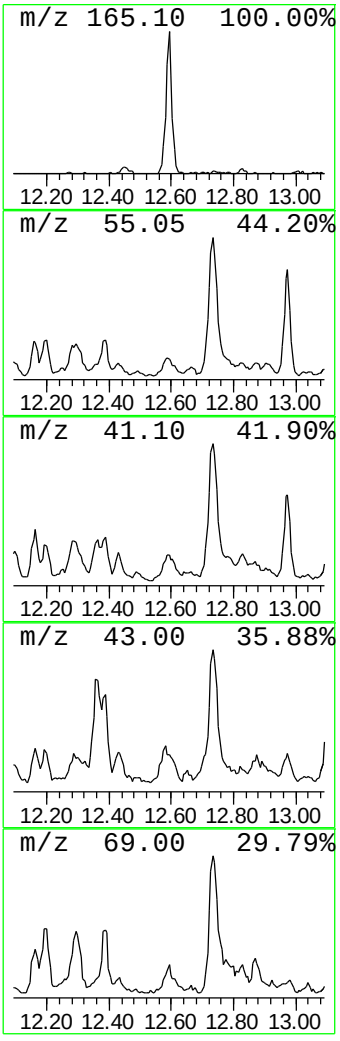
****

Peak Number 22 2-Benzofurancarboxylic acid... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.10 ng/ul	684090	Naphthalene-d8	10.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzofurancarboxylic acid, 2,4...	224	C13H20O3	077383-92-7	53
2	6,13-Diazadispiro[4.1.5.2]tetrad...	208	C12H20N2O	1000250-73-8	49
3	3-Methoxy-2-methyl-2H-pyrazolo[4...	165	C6H7N5O	037531-53-6	47
4	Benzamide, 4-chloro-, o-(2,6-dim...	334	C16H15ClN2O4	1000263-23-0	47
5	8-Hydroxymethyladenine	165	C6H7N5O	030466-95-6	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

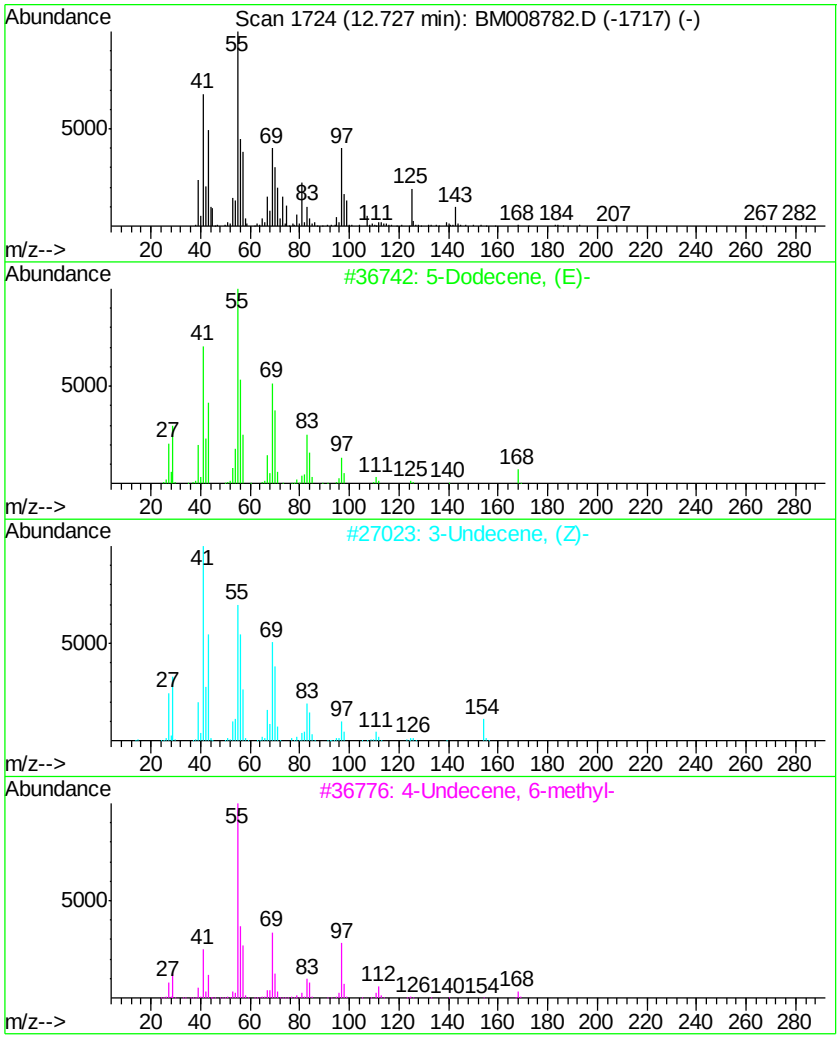
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

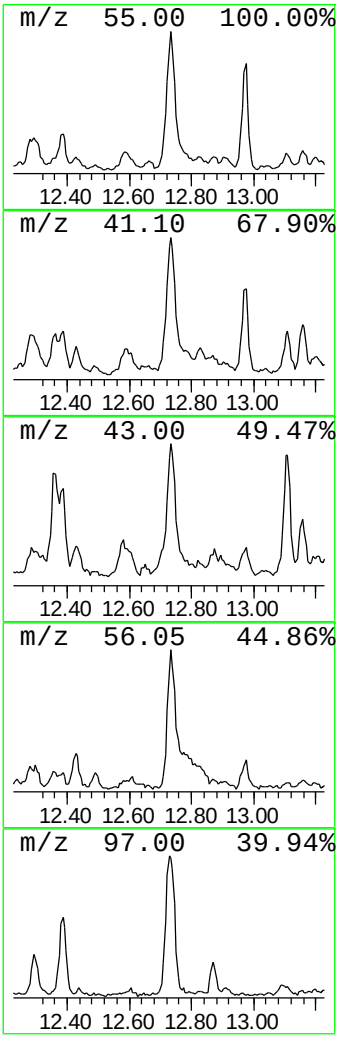
****

Peak Number 24 (DEL) Alkane: Cyclic12.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	31.47 ng/ul	2648600	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Dodecene, (E)-	168	C12H24	007206-16-8	47
2	3-Undecene, (Z)-	154	C11H22	000821-97-6	43
3	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	43
4	Cyclopentane, (1-methylbutyl)-	140	C10H20	004737-43-3	38
5	4-Undecene, (Z)-	154	C11H22	000821-98-7	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

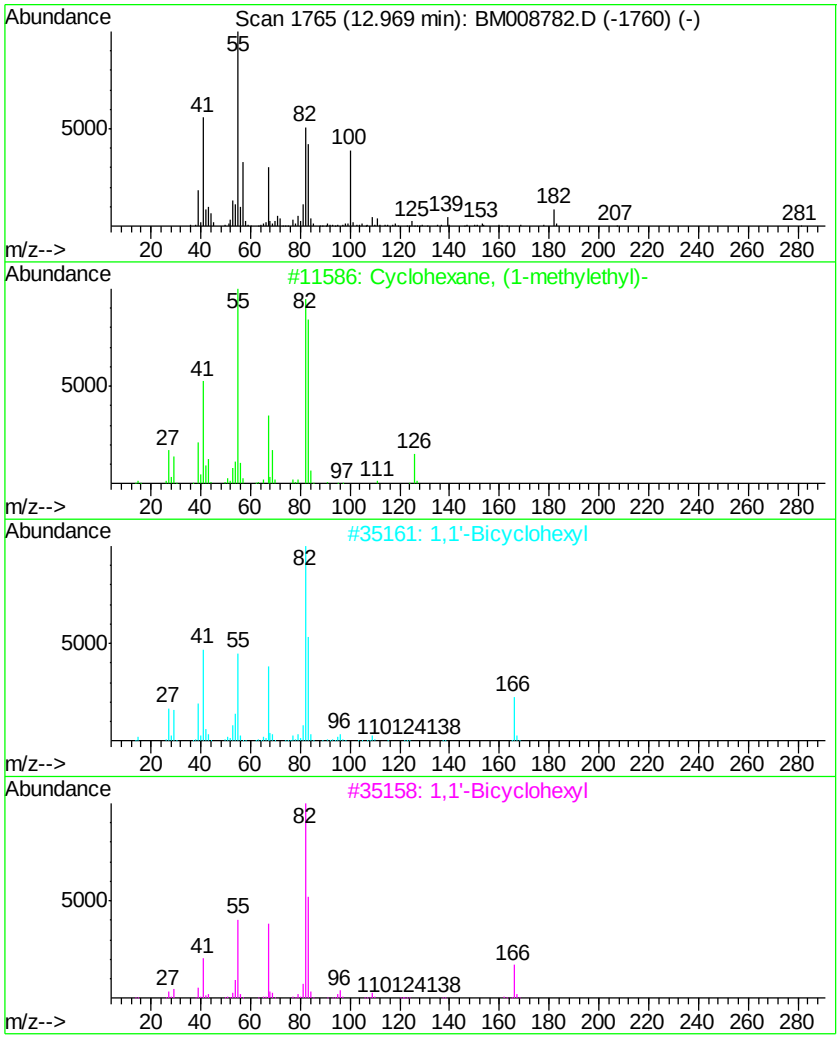
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

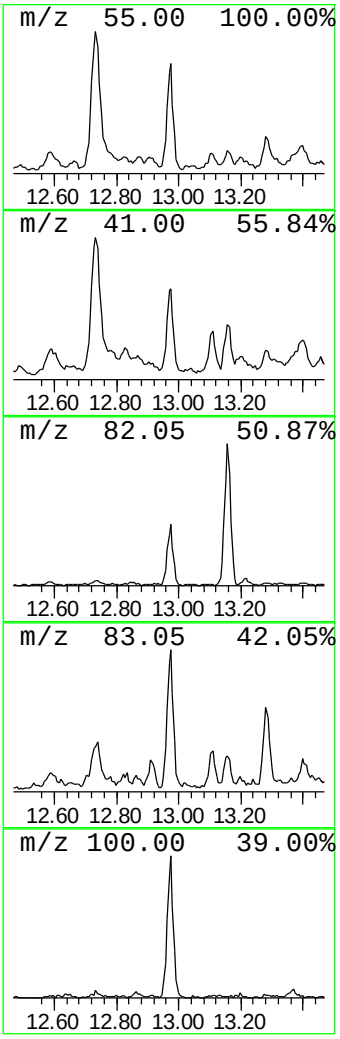
****

Peak Number 25 (DEL) Alkane: Cyclic12.97 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	10.98 ng/ul	923780	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
2	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	47
3	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	47
4	Cyclohexane, 1,1'-[methylenebis(...	212	C13H24O2	001453-21-0	45
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

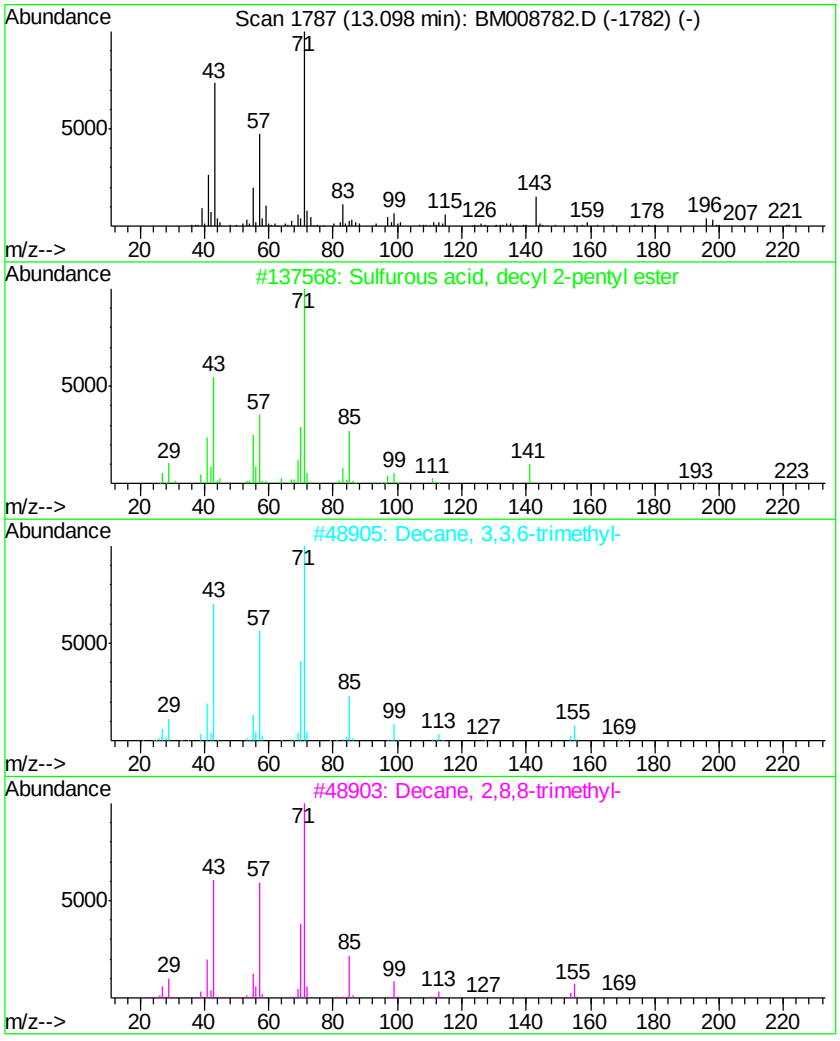
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

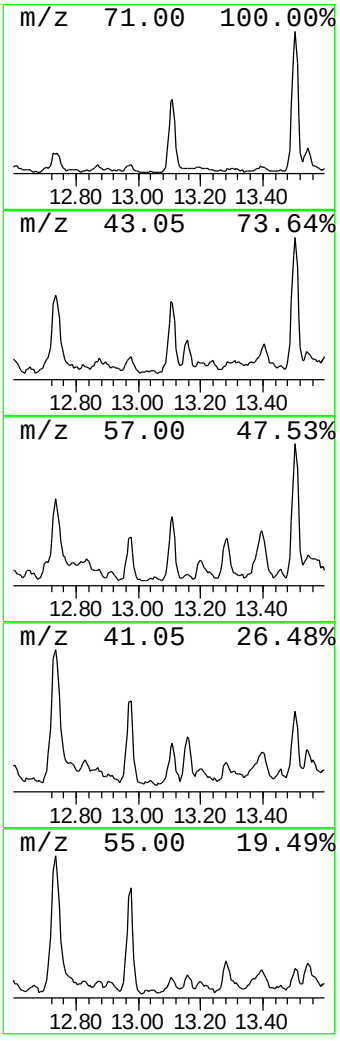
****

Peak Number 26 Sulfurous acid, decyl 2-pen... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	8.91 ng/ul	749788	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	64
2	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	53
3	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
4	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	53
5	Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

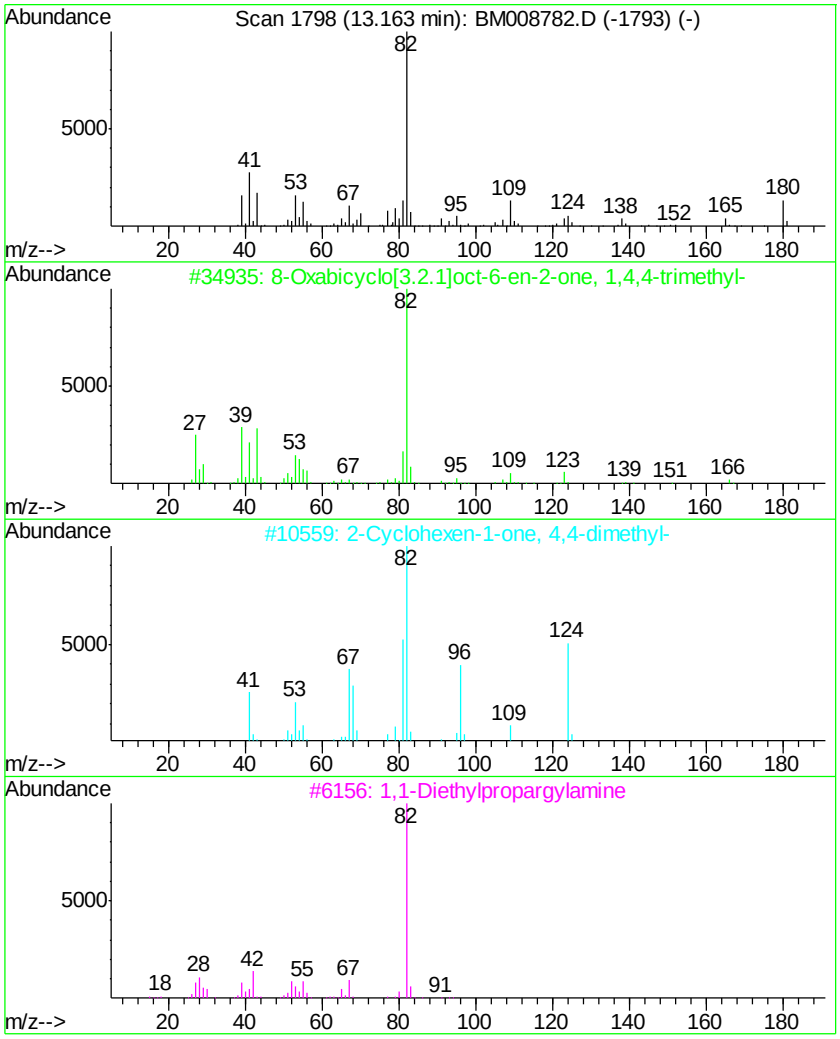
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

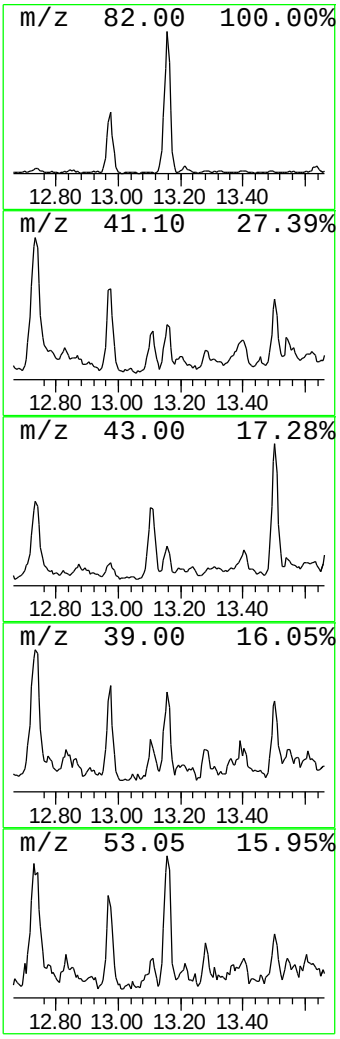
****

Peak Number 27 8-Oxabicyclo[3.2.1]oct-6-en... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	9.96 ng/ul	838099	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Oxabicyclo[3.2.1]oct-6-en-2-on...	166	C10H14O2	058705-36-5	53
2	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	45
3	1,1-Diethylpropargylamine	111	C7H13N	003234-64-8	43
4	2-Penten-4-yn-1-ol	82	C5H6O	005557-88-0	43
5	1,3,5-Triazine, 2,4,6-trimethyl-	123	C6H9N3	000823-94-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

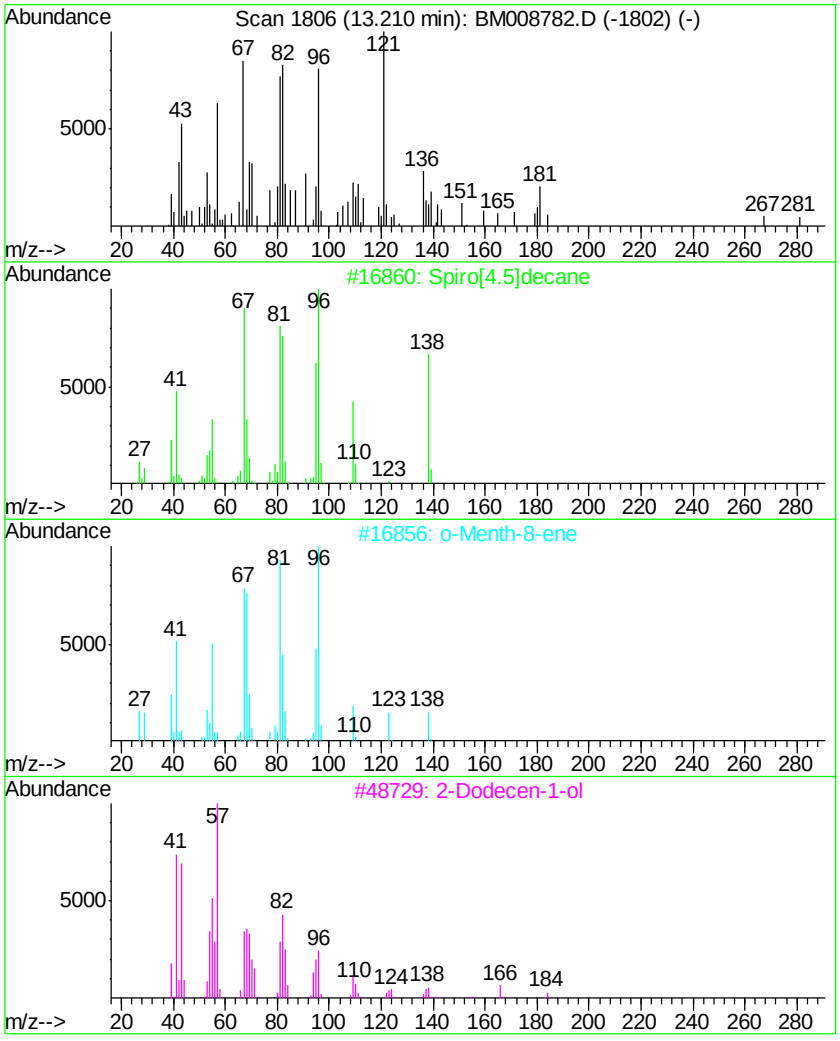
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

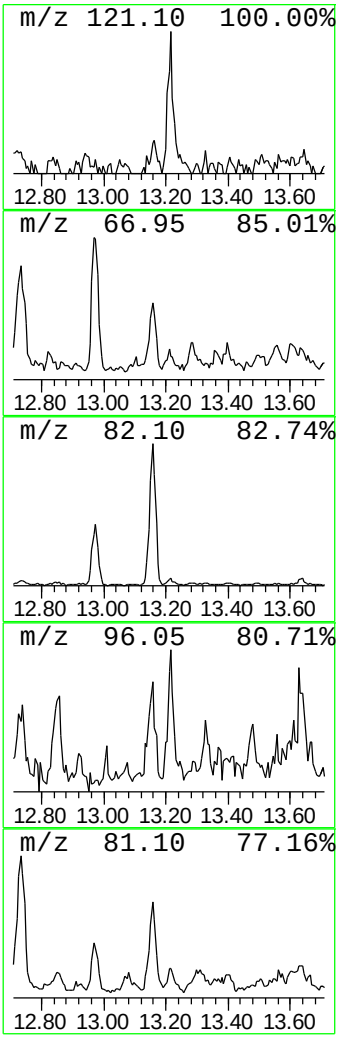
****

Peak Number 28 Spiro[4.5]decane Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.58 ng/ul	301314	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.5]decane	138	C10H18	000176-63-6	58
2	o-Menth-8-ene	138	C10H18	015193-25-6	43
3	2-Dodecen-1-ol	184	C12H24O	022104-81-0	30
4	1,3-Pentadiene, 2,4-dimethyl-	96	C7H12	001000-86-8	25
5	Furan, 2-ethyl-	96	C6H8O	003208-16-0	25





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

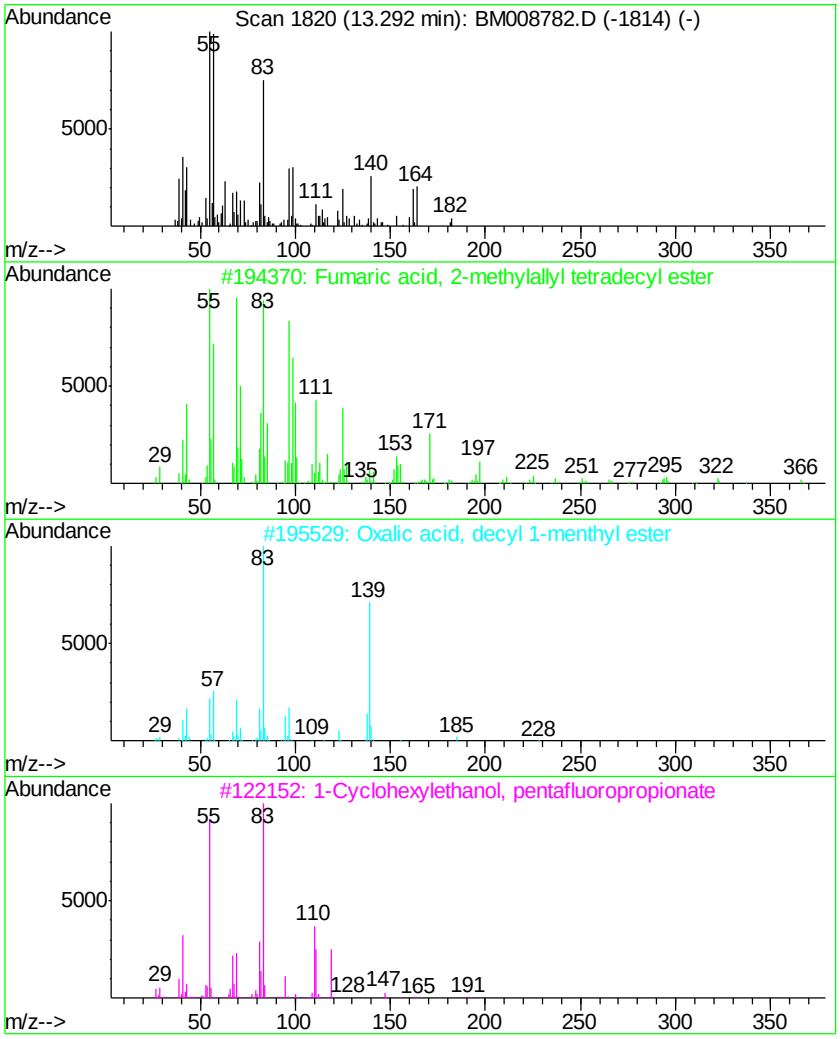
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

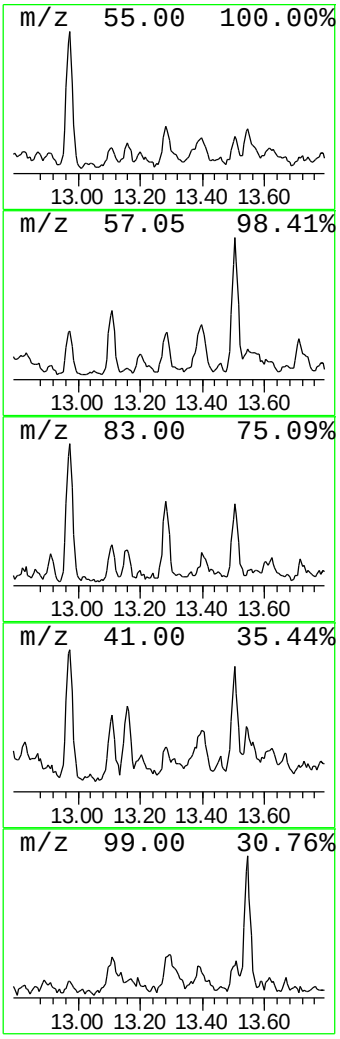
****

Peak Number 29 unknown-08 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	6.13 ng/ul	515976	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	27
2	Oxalic acid, decyl 1-menthyl ester	368	C22H40O4	1000314-97-8	27
3	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	27
4	4-Pentenoic acid, 2,4-dimethyl-,...	142	C8H14O2	034998-29-3	27
5	1-Cyclohexylethanol, trifluoroac...	224	C10H15F3O2	1000365-19-2	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

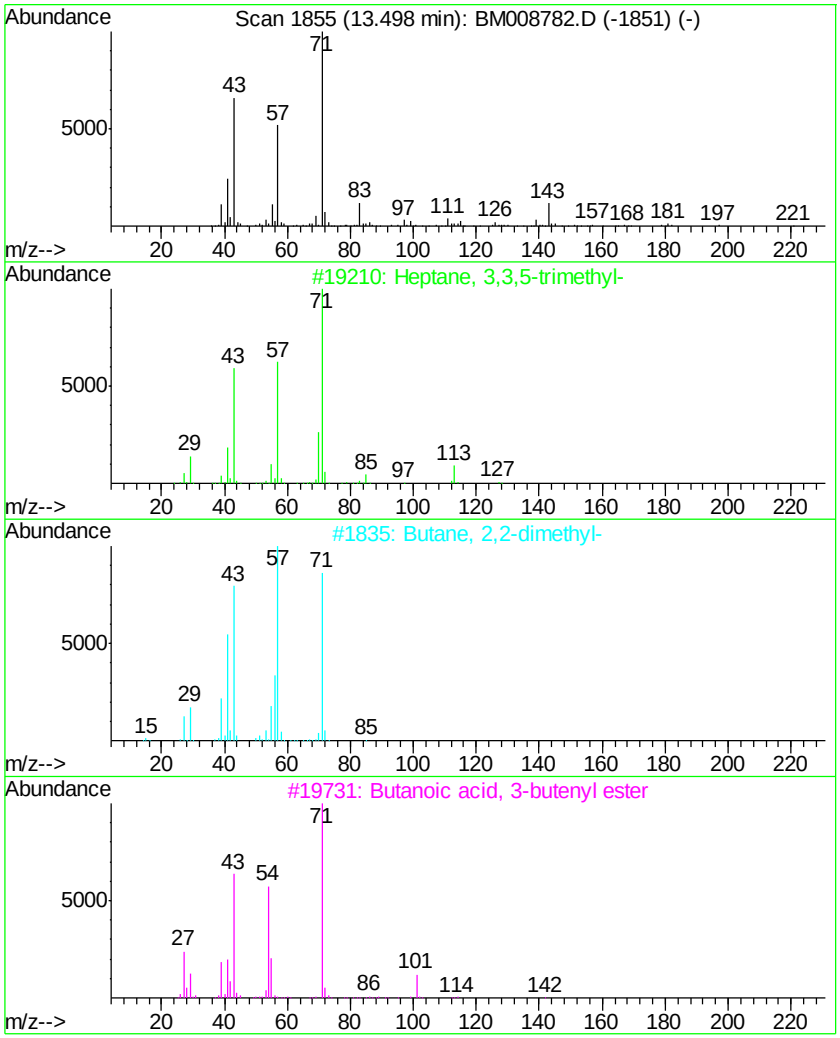
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

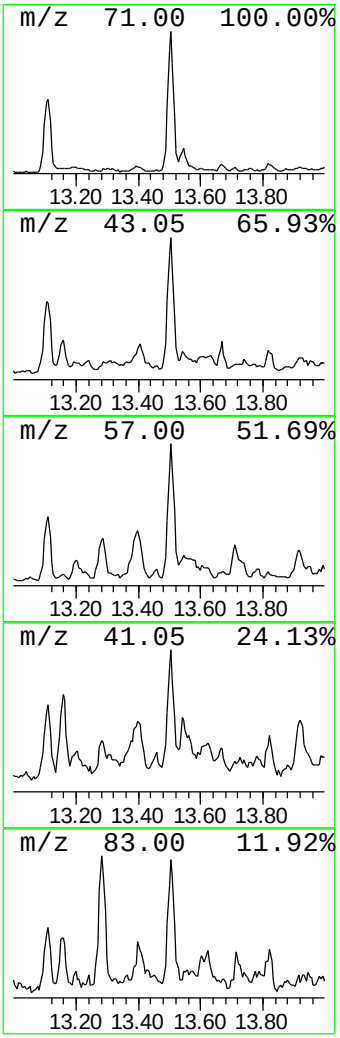
****

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	13.93 ng/ul	1172280	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	59
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53
3	Butanoic acid, 3-butenyl ester	142	C8H14O2	021698-32-8	50
4	Oxalic acid, neopentyl nonyl ester	286	C16H30O4	1000309-73-3	50
5	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

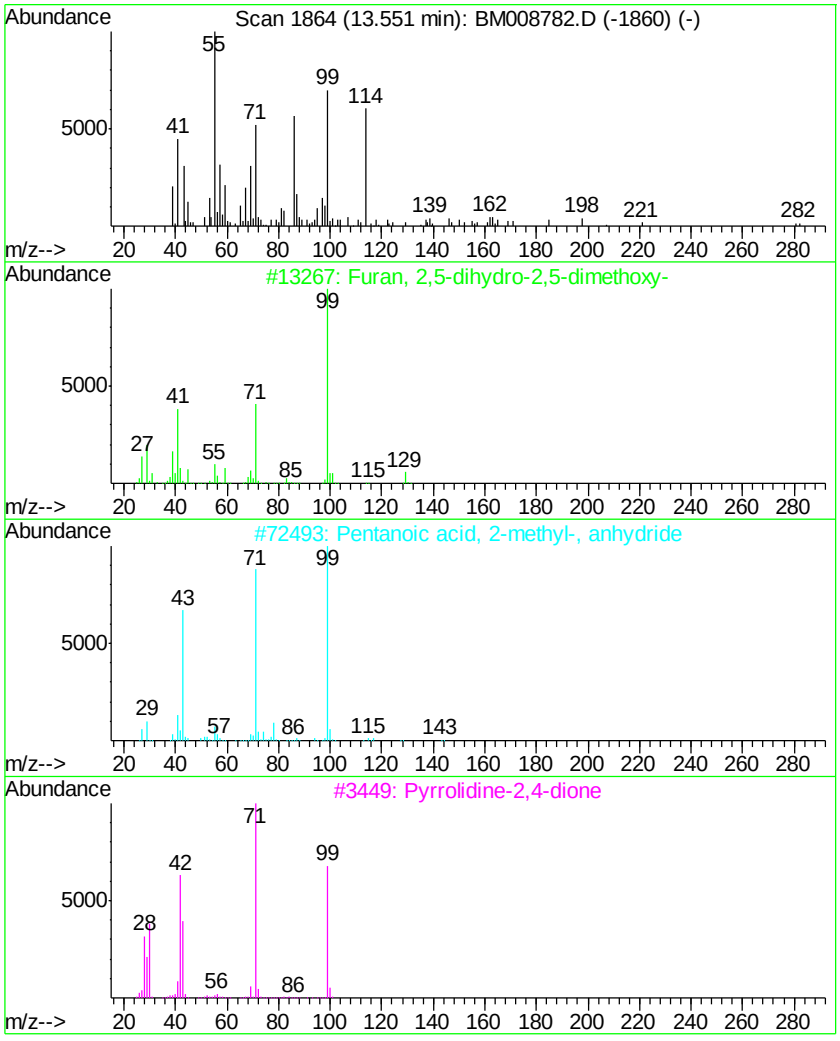
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

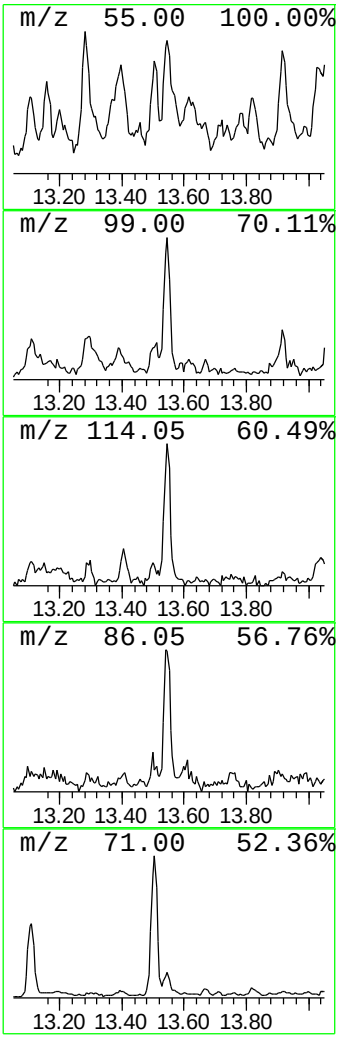
****

Peak Number 31 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	7.64 ng/ul	643288	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	47
2	Pentanoic acid, 2-methyl-, anhyd...	214	C12H22O3	063169-61-9	43
3	Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	43
4	Butanoic acid, 2-ethyl-, 2-methy...	172	C10H20O2	074082-06-7	43
5	2-Methoxythiophene	114	C5H6OS	016839-97-7	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

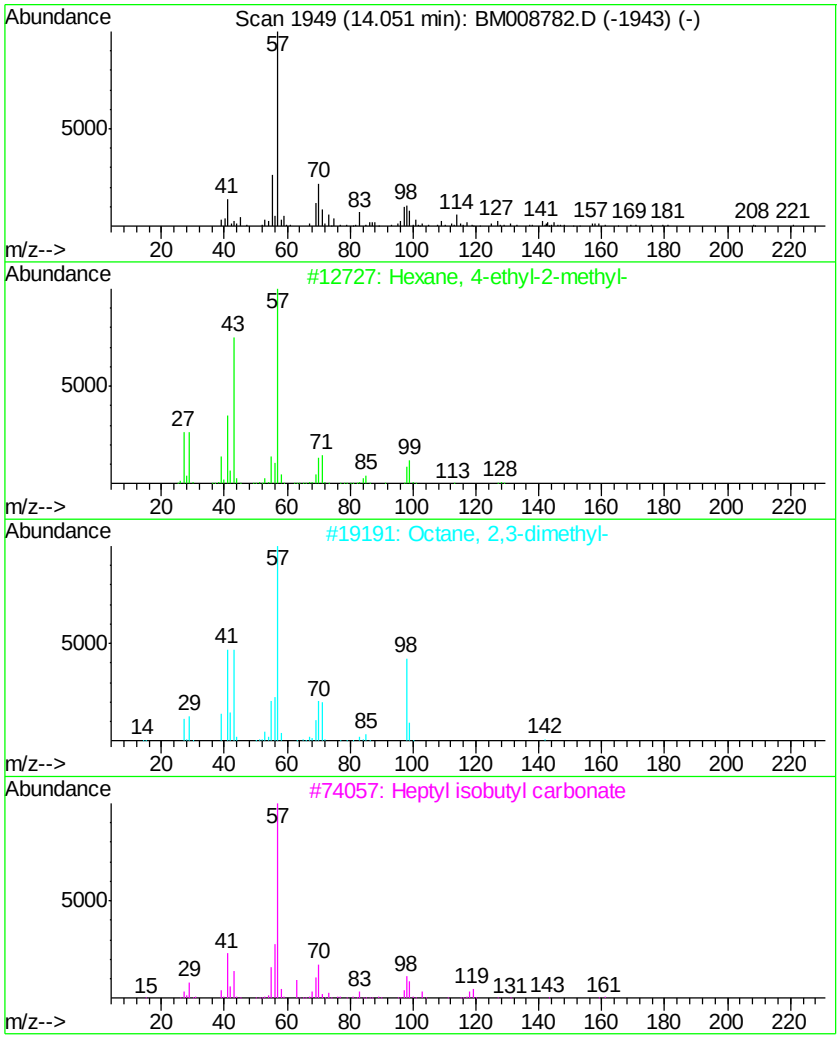
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

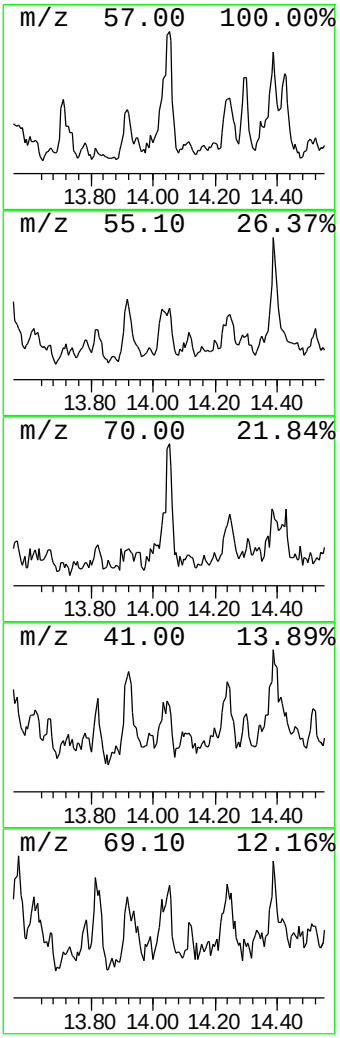
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	5.47 ng/ul	460429	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	43
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43
3	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	42
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	42
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

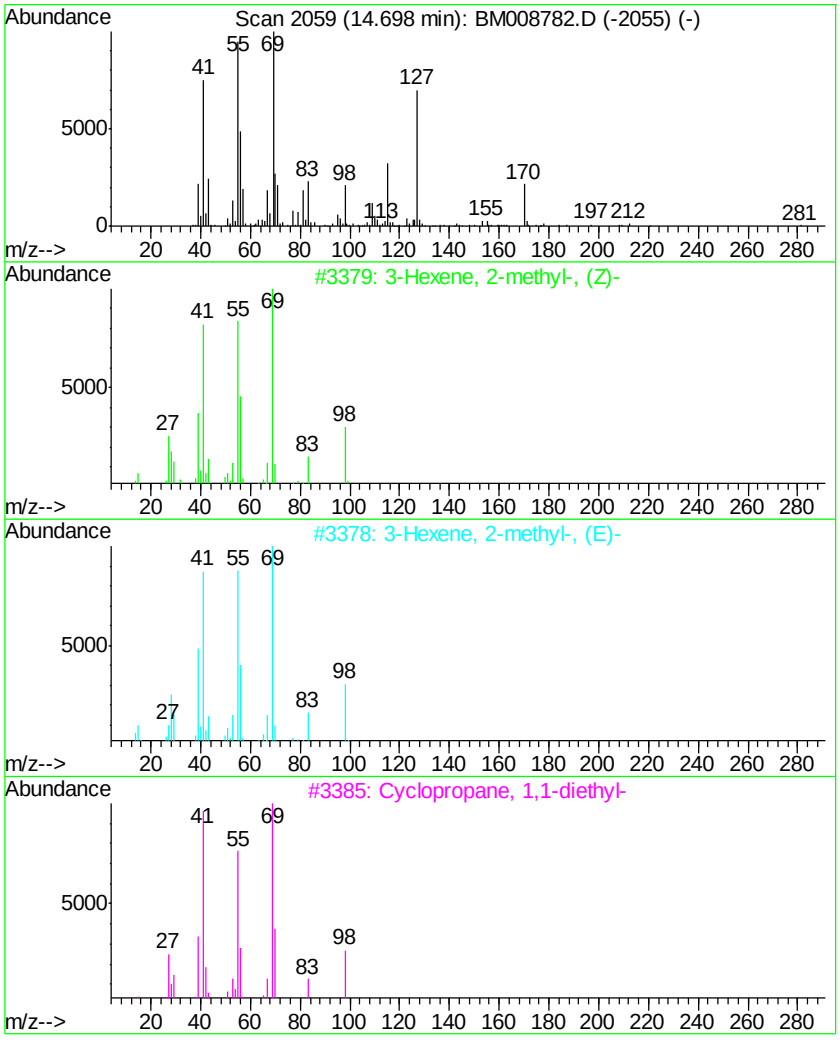
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

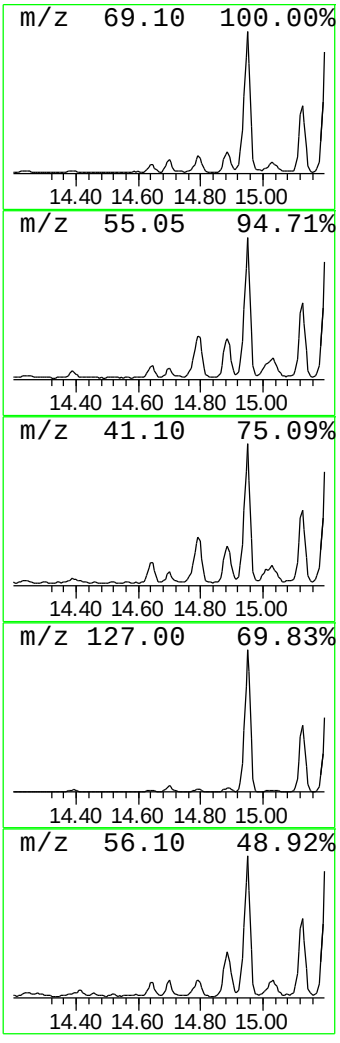
****

Peak Number 37 (DEL) Alkane: Cyclic14.70 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	9.93 ng/ul	835980	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	46
2	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	Cyclopentanone, 3-methyl-	98	C6H10O	001757-42-2	38
5	2-Hexene, 4-methyl-, (E)-	98	C7H14	003683-22-5	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

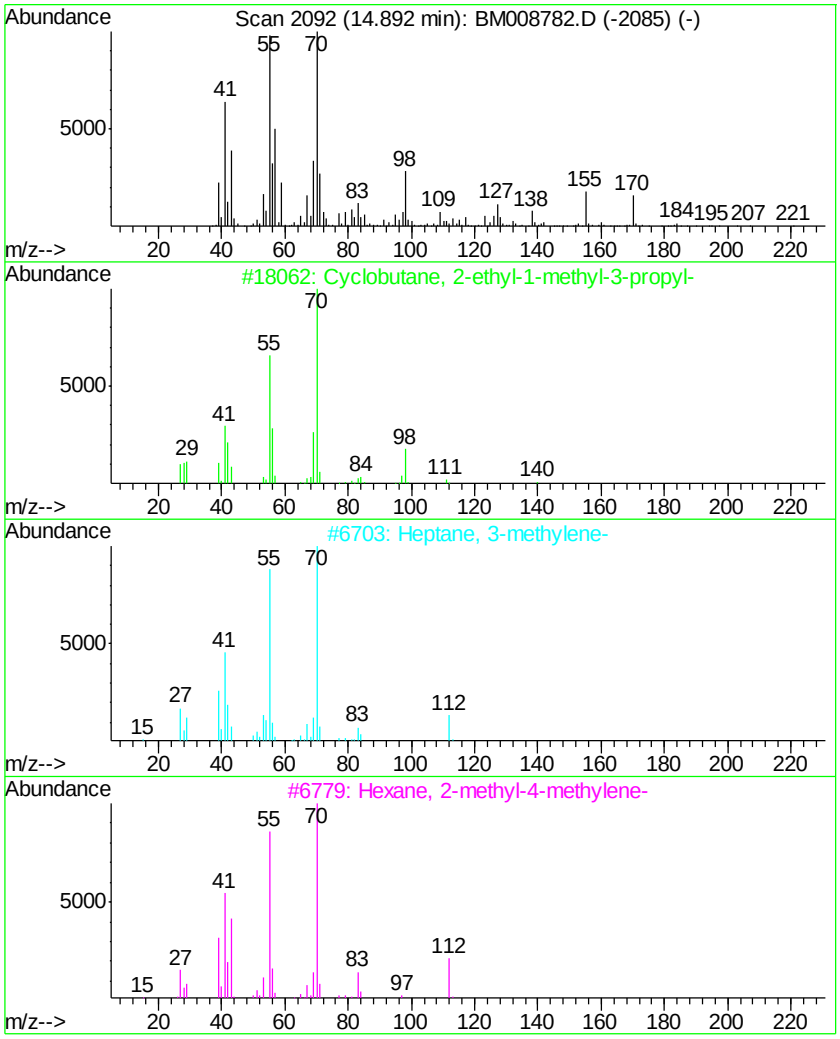
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

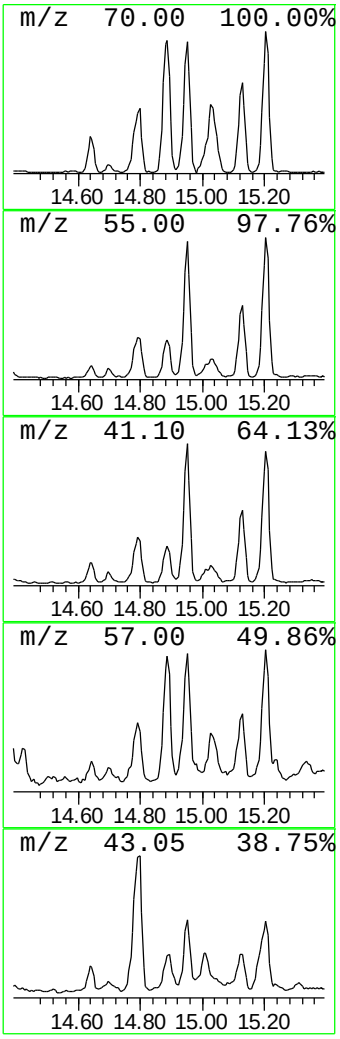
****

Peak Number 38 (DEL) Alkane: Cyclic14.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	45.77 ng/ul	3852180	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	58
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	43
3	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	43
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43
5	Cyclohexanamine, 5-methyl-2-(1-m...	155	C10H21N	023399-21-5	43





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

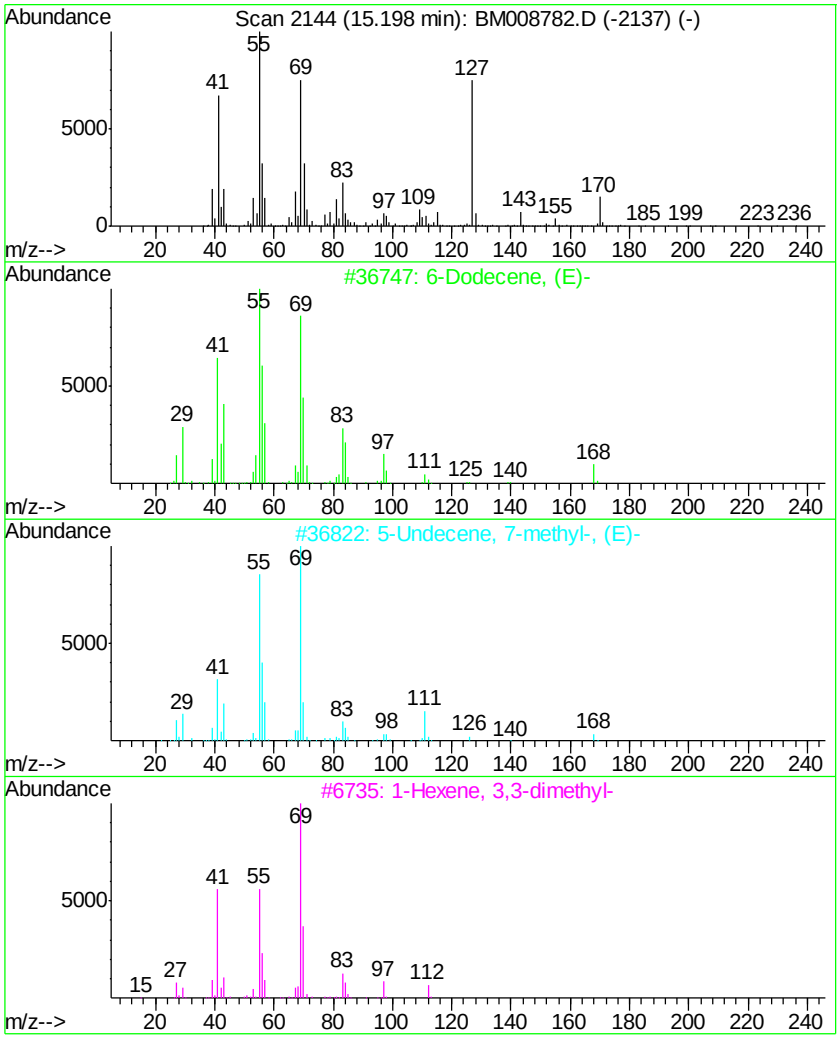
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

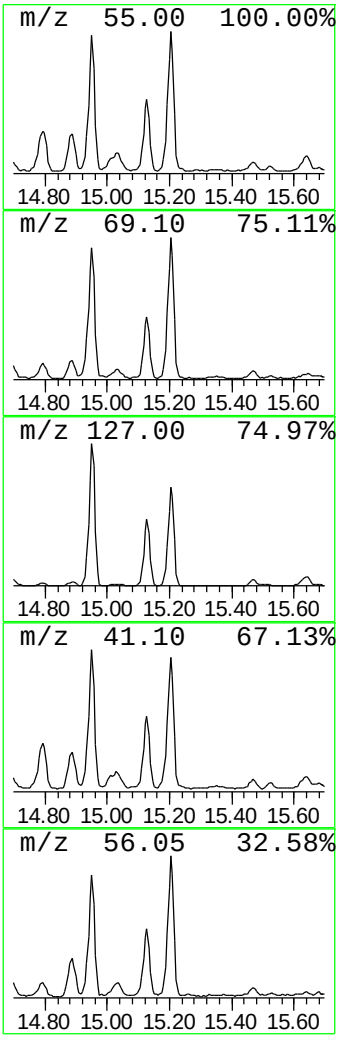
****

Peak Number 40 (DEL) Alkane: Cyclic15.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	126.65 ng/ul	10659500	Acenaphthene-d10	14.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Dodecene, (E)-	168	C12H24	007206-17-9	43
2	5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	38
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
5	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008782.D
Acq On : 21 Jan 2017 21:17
Operator : UM/SJ
Sample : I1323-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.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
Oxalic acid, isob...	5.76	9.2	ng/ul	318447	1	7.95	690039	20.0
Indane	8.33	19.3	ng/ul	666753	1	7.95	690039	20.0
3-Pentanol, 2,2-d...	8.75	11.5	ng/ul	397733	1	7.95	690039	20.0
unknown-01	9.06	11.3	ng/ul	388839	1	7.95	690039	20.0
Phenol, 2-methoxy...	9.51	3.8	ng/ul	429337	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	9.73	9.0	ng/ul	1006850	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	9.89	8.6	ng/ul	964231	2	10.76	2241580	20.0
Benzene, 1-methyl...	10.15	4.5	ng/ul	505151	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	10.43	3.9	ng/ul	436711	2	10.76	2241580	20.0
3-Heptanone, 4-me...	10.52	3.5	ng/ul	394596	2	10.76	2241580	20.0
unknown-02	10.93	16.7	ng/ul	1873190	2	10.76	2241580	20.0
unknown-03	11.03	48.3	ng/ul	5418300	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	11.08	25.5	ng/ul	2860790	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	11.12	29.4	ng/ul	3291690	2	10.76	2241580	20.0
1,3-Dioxolane-2-m...	11.26	4.9	ng/ul	550778	2	10.76	2241580	20.0
unknown-04	11.65	5.3	ng/ul	589256	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	11.70	3.9	ng/ul	434219	2	10.76	2241580	20.0
unknown-05	11.95	3.8	ng/ul	425498	2	10.76	2241580	20.0
unknown-06	12.16	4.3	ng/ul	478516	2	10.76	2241580	20.0
1,3-Hexanediol, 2...	12.20	2.9	ng/ul	328057	2	10.76	2241580	20.0
unknown-07	12.29	8.8	ng/ul	981321	2	10.76	2241580	20.0
2-Benzofurancarbo...	12.59	6.1	ng/ul	684090	2	10.76	2241580	20.0
(DEL) Alkane: Cyc...	12.73	31.5	ng/ul	2648600	3	14.59	1683300	20.0
(DEL) Alkane: Cyc...	12.97	11.0	ng/ul	923780	3	14.59	1683300	20.0
Sulfurous acid, d...	13.10	8.9	ng/ul	749788	3	14.59	1683300	20.0
8-Oxabicyclo[3.2....	13.16	10.0	ng/ul	838099	3	14.59	1683300	20.0
Spiro[4.5]decane	13.21	3.6	ng/ul	301314	3	14.59	1683300	20.0
unknown-08	13.29	6.1	ng/ul	515976	3	14.59	1683300	20.0
(DEL) Alkane: Str...	13.50	13.9	ng/ul	1172280	3	14.59	1683300	20.0
unknown-09	13.55	7.6	ng/ul	643288	3	14.59	1683300	20.0
(DEL) Alkane: Str...	14.05	5.5	ng/ul	460429	3	14.59	1683300	20.0
(DEL) Alkane: Cyc...	14.70	9.9	ng/ul	835980	3	14.59	1683300	20.0
(DEL) Alkane: Cyc...	14.89	45.8	ng/ul	3852180	3	14.59	1683300	20.0
(DEL) Alkane: Cyc...	15.20	126.7	ng/ul	10659500	3	14.59	1683300	20.0