LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

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\SOM02.2-EPA-BG113016.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	4.341	248	256	270	rVB	91836	168807	10.34%	0.665%
2	4.670	307	312	324	rVB2	37677	63799	3.91%	0.251%
3	5.692	477	486	494	rVB2	69873	126770	7.76%	0.500%
4	5.821	501	508	520	rBV	131056	302489	18.52%	1.192%
5	5.951	525	530	539	rBV3	27620	61211	3.75%	0.241%
6	6.198	562	572	578	rVV2	102187	200472	12.28%	0.790%
7	6.926	689	696	706	rVB9	24940	64874	3.97%	0.256%
8	7.173	733	738	745	rBV2	26490	51449	3.15%	0.203%
9	7.284	750	757	762	rBV	58648	102253	6.26%	0.403%
10	7.414	776	779	790	rVB5	72977	139348	8.53%	0.549%
11	7.537	795	800	804	rBV2	38575	73406	4.49%	0.289%
12	7.596	805	810	816	rVV3	43827	89113	5.46%	0.351%
13	7.755	832	837	841	rVV3	48675	93207	5.71%	0.367%
14	7.802	841	845	848	rVV2	37220	64021	3.92%	0.252%
15	7.849	848	853	861	rVB2	97429	177461	10.87%	0.699%
16	7.943	863	869	876	rVB2	68048	119275	7.30%	0.470%
17	8.225	903	917	925	rBV	215296	424218	25.98%	1.672%
18	8.324	929	934	943	rBV3	44686	92151	5.64%	0.363%
19	8.512	957	966	975	rVB5	39693	106675	6.53%	0.420%
20	8.595	975	980	987	rBV5	39308	80457	4.93%	0.317%
21	8.671	987	993	1002	rVV3	132062	258967	15.86%	1.020%
22	8.753	1002	1007	1015	rVB6	35732	77730	4.76%	0.306%
23	8.859	1017	1025	1033	rBV7	55801	145521	8.91%	0.573%
24	8.935	1033	1038	1043	rVV2	66776	117310	7.18%	0.462%
25	9.006	1043	1050	1068	rVB	452209	920714	56.38%	3.628%
26	9.188	1068	1081	1083	rBV	22637	71954	4.41%	0.284%
27	9.317	1092	1103	1112	rVB	43412	184953	11.32%	0.729%
28	9.406	1112	1118	1127	rVB4	113696	214963	13.16%	0.847%
29	9.511	1127	1136	1140	rBV4	21359	61217	3.75%	0.241%
30	9.582	1141	1148	1154	rVV3	42370	95681	5.86%	0.377%
31	9.652	1154	1160	1165	rVV2	160276	312693	19.15%	1.232%
32	9.699	1165	1168	1175	rVV4	82094	161333	9.88%	0.636%
33	9.770	1175	1180	1188	rVB2	196092	344299	21.08%	1.357%
34	9.999	1212	1219	1227	rBV2	96975	181650	11.12%	0.716%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	10.134	1235	1242	1249	rBV6	60975	134091	8.21%	0.528%
36	10.210	1249	1255	1258	rBV2	354601	656995	40.23%	2.589%
37	10.481	1286	1301	1305	rBV	676186	1633143	100.00%	6.435%
38	10.516	1305	1307	1319	rVV2	434744	756671	46.33%	2.982%
39	10.604	1319	1322	1327	rVV5	30915	61102	3.74%	0.241%
40	10.675	1327	1334	1341	rVV2	194452	379763	23.25%	1.496%
41	10.733	1341	1344	1352	rVB5	32163	60539	3.71%	0.239%
42	10.857	1358	1365	1370	rBV5	79014	192139	11.76%	0.757%
43	10.916	1370	1375	1380	rVV2	122863	233226	14.28%	0.919%
44	10.963	1380	1383	1390	rVB5	51575	87880	5.38%	0.346%
45	11.051	1391	1398	1403	rBV	301531	530854	32.51%	2.092%
46	11.098	1404	1406	1414	rVB2	72423	113882	6.97%	0.449%
47	11.186	1414	1421	1432	rBV3	158306	317428	19.44%	1.251%
48	11.286	1432	1438	1452	rVB5	66298	239952	14.69%	0.946%
49	11.403	1452	1458	1462	rBV5	129623	261093	15.99%	1.029%
50	11.456	1462	1467	1475	rVB4	94088	185398	11.35%	0.731%
51	11.574	1481	1487	1493	rBV2	170125	291215	17.83%	1.148%
52	11.638	1493	1498	1506	rVB4	65814	189842	11.62%	0.748%
53	11.861	1530	1536	1549	rBV	786193	1426198	87.33%	5.620%
54	12.055	1562	1569	1574	rBV4	110474	230600	14.12%	0.909%
55	12.114	1574	1579	1583	rVV2	109976	191915	11.75%	0.756%
56	12.226	1593	1598	1606	rVB7	46464	125892	7.71%	0.496%
57	12.402	1623	1628	1630	rBV4	64601	101833	6.24%	0.401%
58	12.690	1672	1677	1680	rBV2	109950	191550	11.73%	0.755%
59	12.725	1680	1683	1693	rVV6	101548	278479	17.05%	1.097%
60	12.813	1693	1698	1709	rVB5	78167	224929	13.77%	0.886%
61	12.907	1709	1714	1719	rVB3	78613	123128	7.54%	0.485%
62	12.995	1719	1729	1732	rBV6	62835	133131	8.15%	0.525%
63	13.037	1732	1736	1740	rVV2	78071	109230	6.69%	0.430%
64	13.119	1747	1750	1759	rVB10	36446	81654	5.00%	0.322%
65	13.201	1760	1764	1767	rVV5	69393	111687	6.84%	0.440%
66	13.254	1767	1773	1778	rVV9	85573	205559	12.59%	0.810%
67	13.319	1778	1784	1799	rVB9	78173	268205	16.42%	1.057%
68	13.530	1815	1820	1830	rBV8	55091	167123	10.23%	0.659%
69	13.624	1830	1836	1842	rVV4	83896	146988	9.00%	0.579%
70	13.830	1867	1871	1876	rVV7	39506	71934	4.40%	0.283%
71	13.988	1894	1898	1903	rBV4	106947	204467	12.52%	0.806%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	14.165	1923	1928	1932	rBV5	69836	124963	7.65%	0.492%
73	14.235	1933	1940	1945	rVB4	160876	346614	21.22%	1.366%
74	14.353	1952	1960	1967	rBV5	129660	304153	18.62%	1.199%
75	14.411	1967	1970	1978	rBV8	37314	83147	5.09%	0.328%
76	14.547	1987	1993	2000	rVB3	154870	272120	16.66%	1.072%
77	14.688	2013	2017	2026	rVB2	70814	132905	8.14%	0.524%
78	14.846	2039	2044	2053	rVV2	551946	956584	58.57%	3.769%
79	15.034	2073	2076	2080	rVV6	47136	65595	4.02%	0.258%
80	15.140	2090	2094	2102	rVB7	63347	117792	7.21%	0.464%
81	15.216	2103	2107	2110	rBV6	49427	75103	4.60%	0.296%
82	15.263	2110	2115	2121	rBV	220177	336243	20.59%	1.325%
83	15.451	2142	2147	2153	rBV10	21156	52737	3.23%	0.208%
84	15.628	2174	2177	2181	rVB3	80236	112421	6.88%	0.443%
85	15.728	2191	2194	2201	rBV9	24465	59798	3.66%	0.236%
86	15.833	2207	2212	2217	rBV	180109	286920	17.57%	1.131%
87	15.980	2232	2237	2241	rBV7	44302	65618	4.02%	0.259%
88	16.438	2309	2315	2320	rVB9	71593	132822	8.13%	0.523%
89	16.491	2320	2324	2338	rBV4	87636	206651	12.65%	0.814%
90	16.715	2359	2362	2368	rVB8	56091	66399	4.07%	0.262%
91	17.055	2416	2420	2425	rBV8	47139	70647	4.33%	0.278%
92	17.238	2447	2451	2454	rBV6	40423	64252	3.93%	0.253%
93	17.279	2456	2458	2462	rBV2	52944	52542	3.22%	0.207%
94	17.590	2506	2511	2518	rBV	679655	1107015	67.78%	4.362%
95	17.690	2523	2528	2539	rBV	215666	413060	25.29%	1.628%
96	18.025	2581	2585	2590	rVB5	59297	87437	5.35%	0.345%
97	18.430	2651	2654	2660	rBV8	47604	69379	4.25%	0.273%
98	19.970	2911	2916	2922	rBV2	266592	429031	26.27%	1.691%
99	21.891	3237	3243	3250	rVB	789607	1349576	82.64%	5.318%
100	25.305	3817	3824	3837	rVB2	498215	1465462	89.73%	5.775%

Sum of corrected areas: 25377142

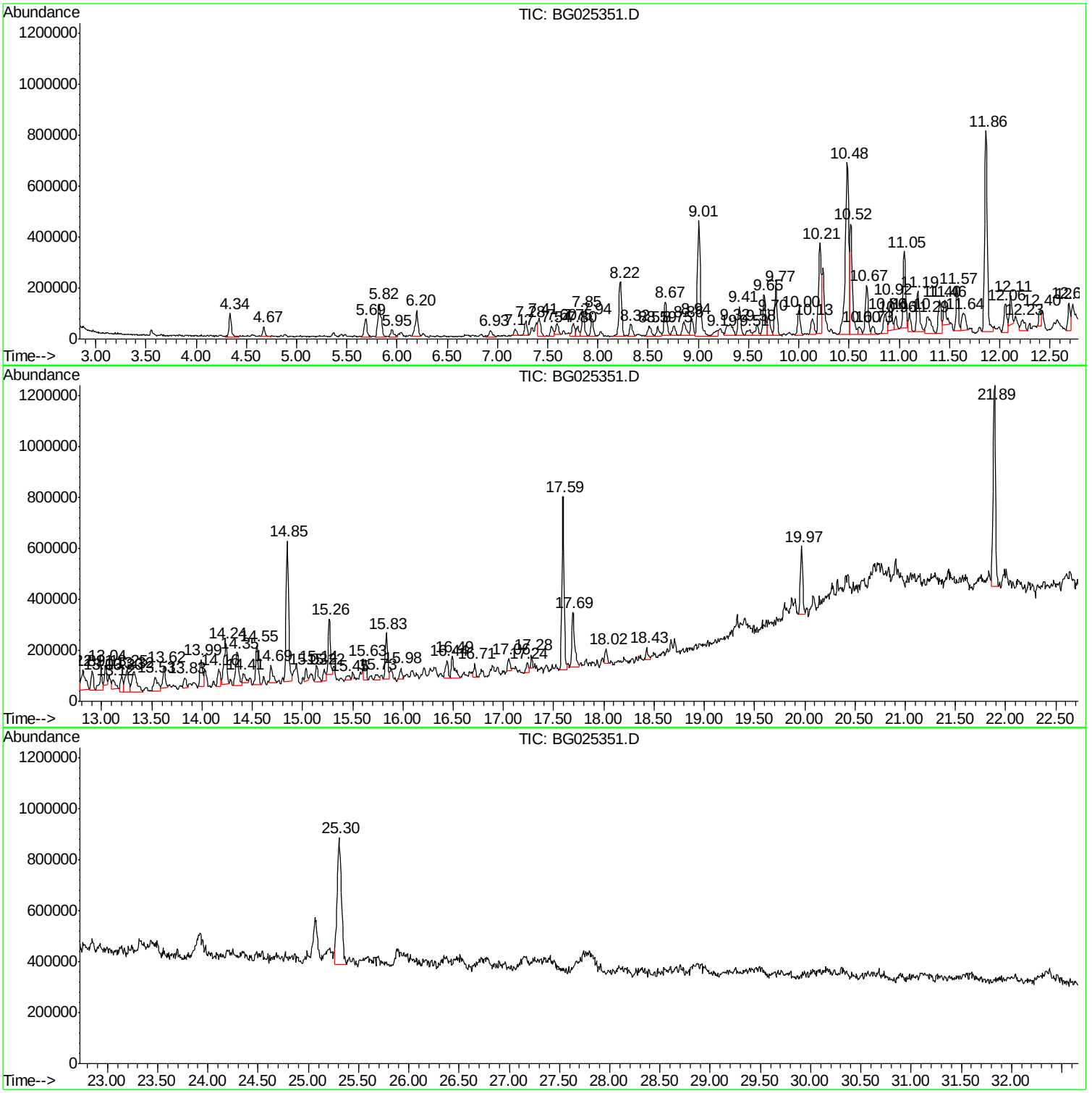
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

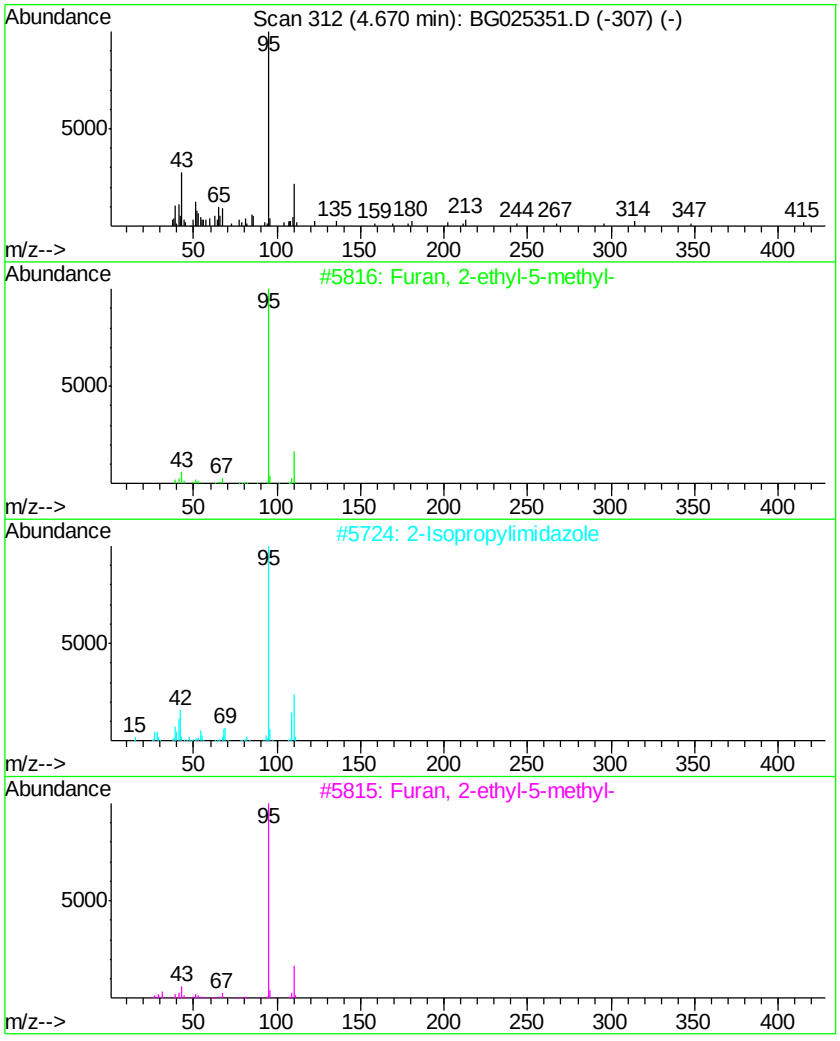
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

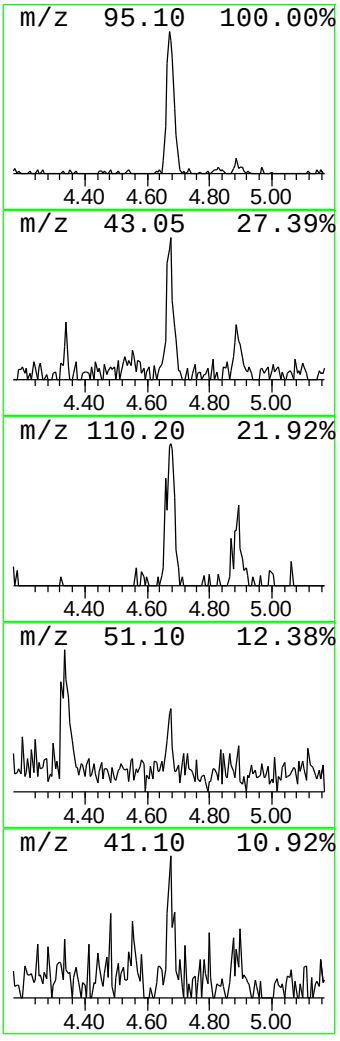
****

Peak Number 2 Furan, 2-ethyl-5-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	3.01 ng/ul	63799	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	72
2	2-Isopropylimidazole	110	C6H10N2	036947-68-9	59
3	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	50
4	Furan-2-carboxylic acid (2,2-dif...	267	C12H7F2NO4	1000301-03-0	47
5	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

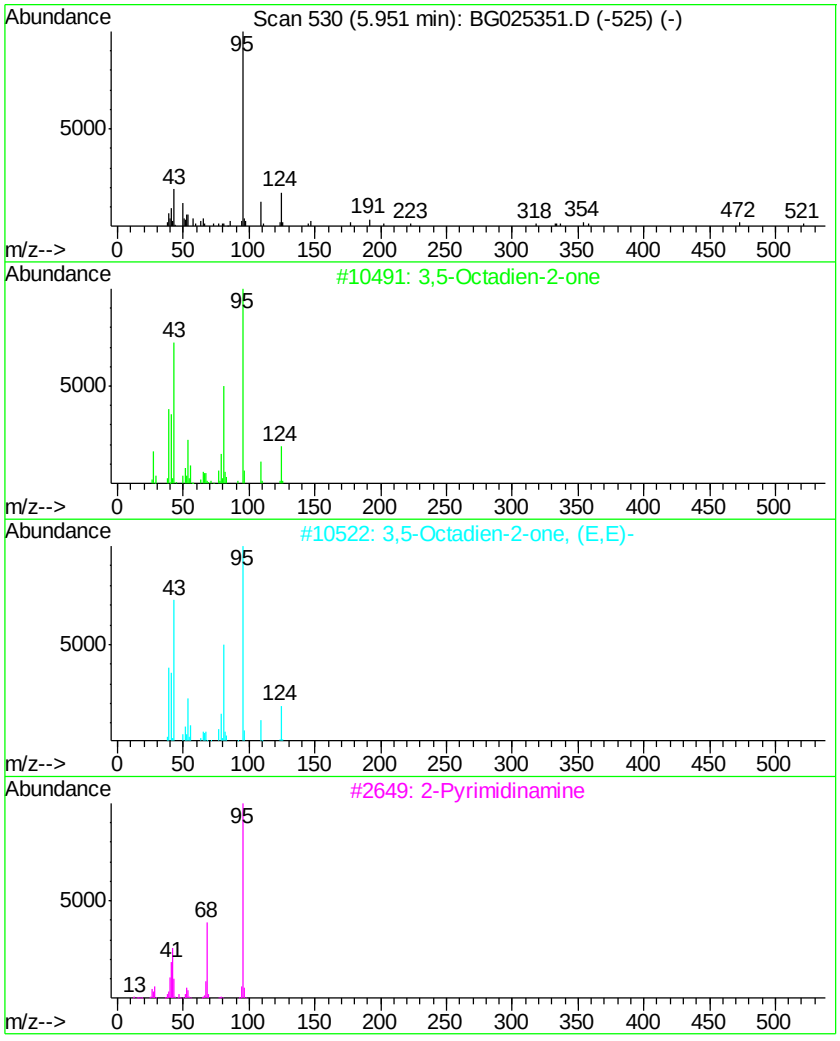
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

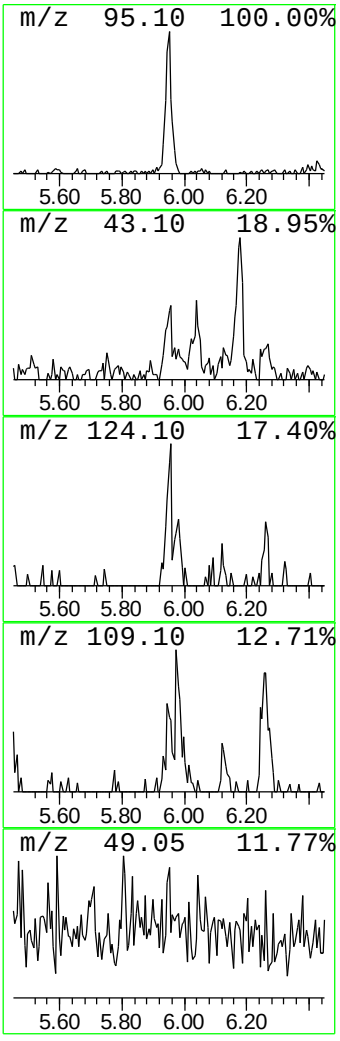
****

Peak Number 5 3,5-Octadien-2-one Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	2.89 ng/ul	61211	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one	124	C8H12O	038284-27-4	64
2	3,5-Octadien-2-one, (E,E)-	124	C8H12O	030086-02-3	64
3	2-Pyrimidinamine	95	C4H5N3	000109-12-6	47
4	4(1H)-Pyridone	95	C5H5NO	000108-96-3	42
5	Pilocarpine	208	C11H16N2O2	000092-13-7	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

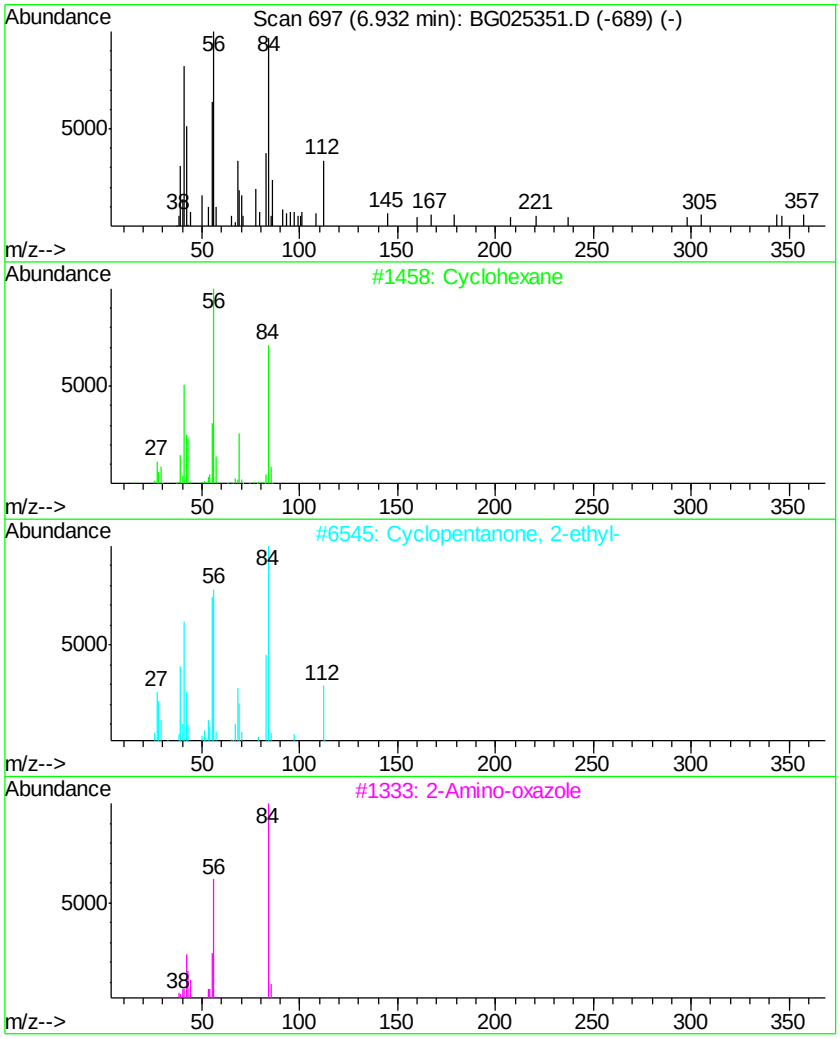
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

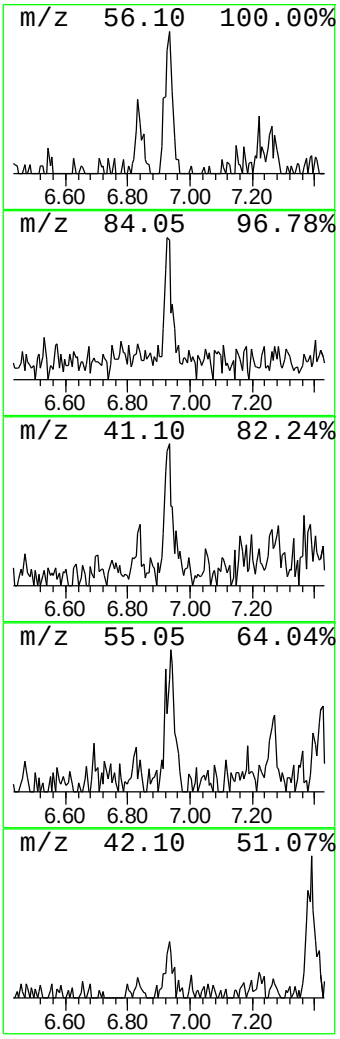
****

Peak Number 7 (DEL) Alkane: Cyclic6.93 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	3.06 ng/ul	64874	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	50
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	50
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50
4	Cyclohexane	84	C6H12	000110-82-7	50
5	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

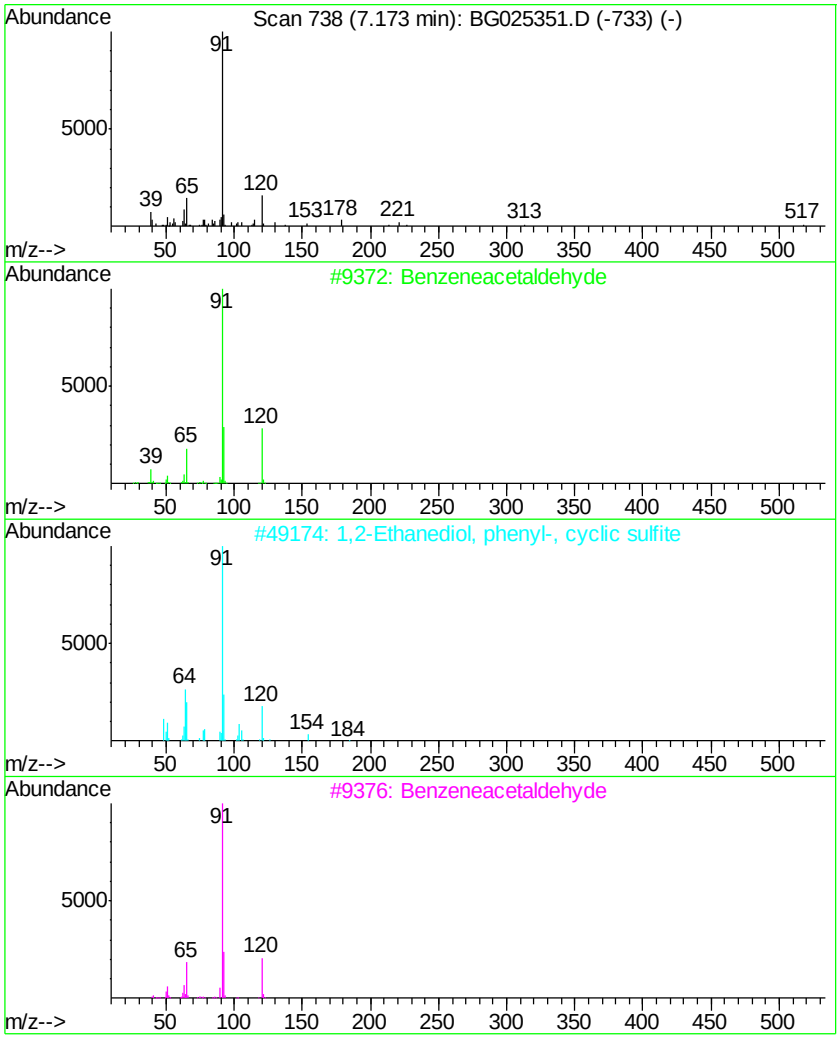
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

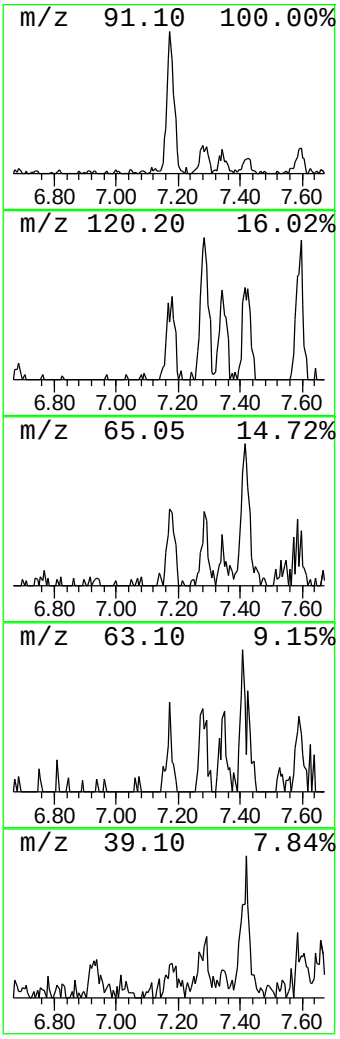
****

Peak Number 8 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.43 ng/ul	51449	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde	120	C8H8O	000122-78-1	47
2	1,2-Ethanediol, phenyl-, cyclic ...	184	C8H8O3S	004464-74-8	47
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	46
4	2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	43
5	Dibenzyl-l-aspartic acid	313	C18H19NO4	1000132-78-8	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

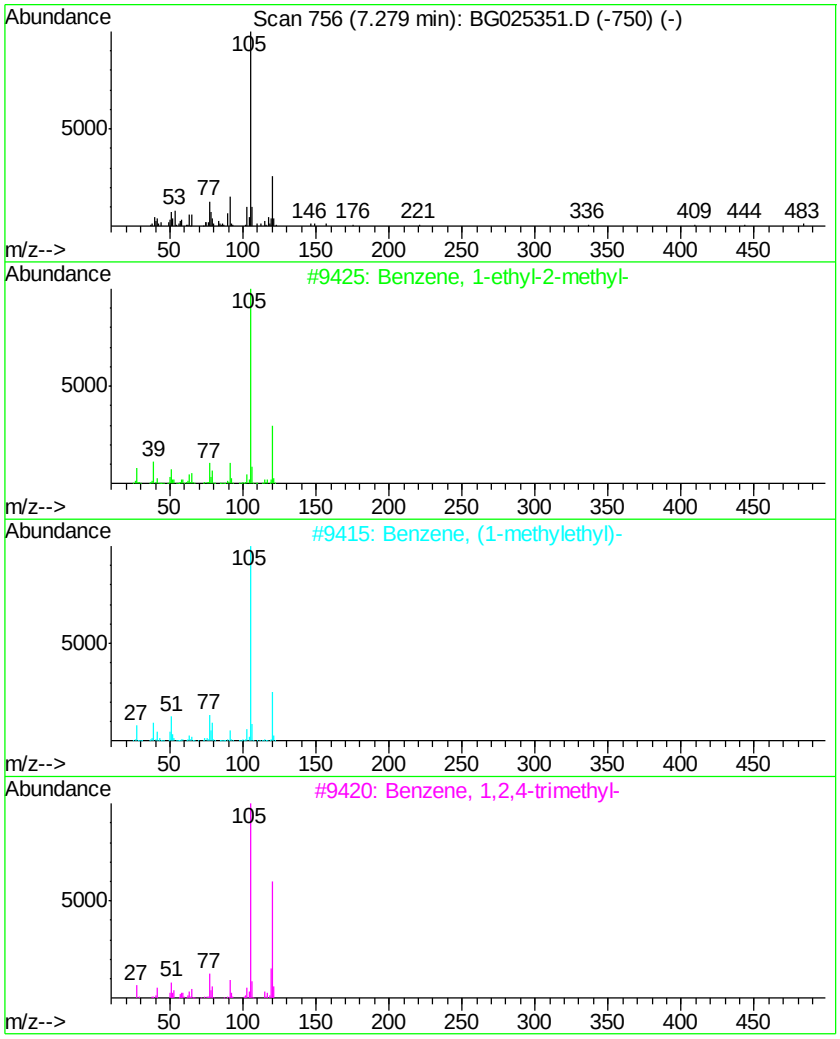
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

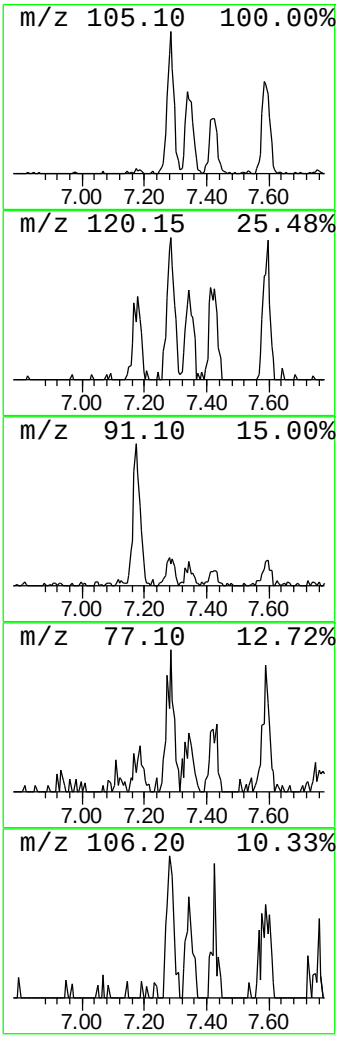
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	4.82 ng/ul	102253	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

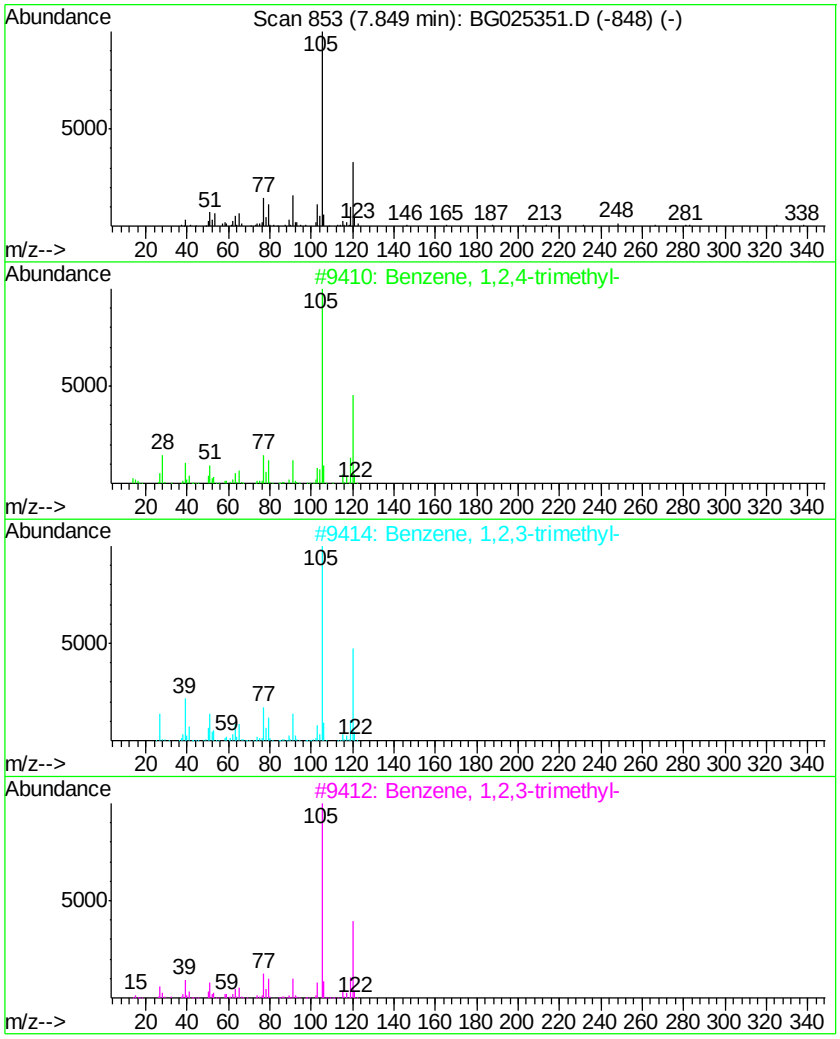
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

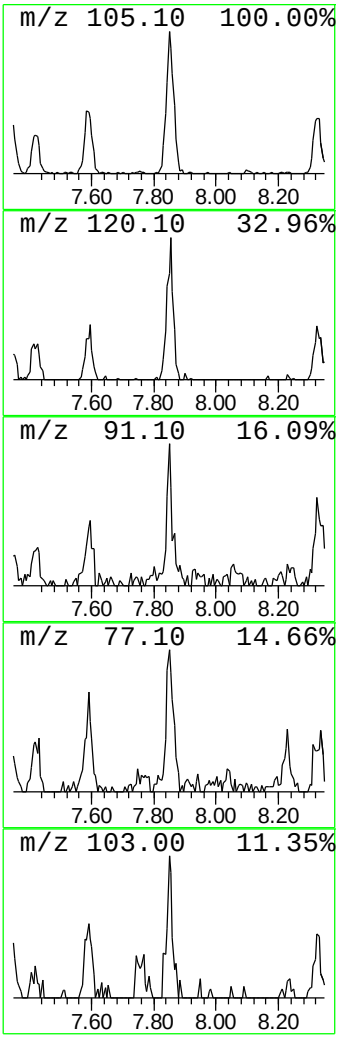
****

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	8.37 ng/ul	177461	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

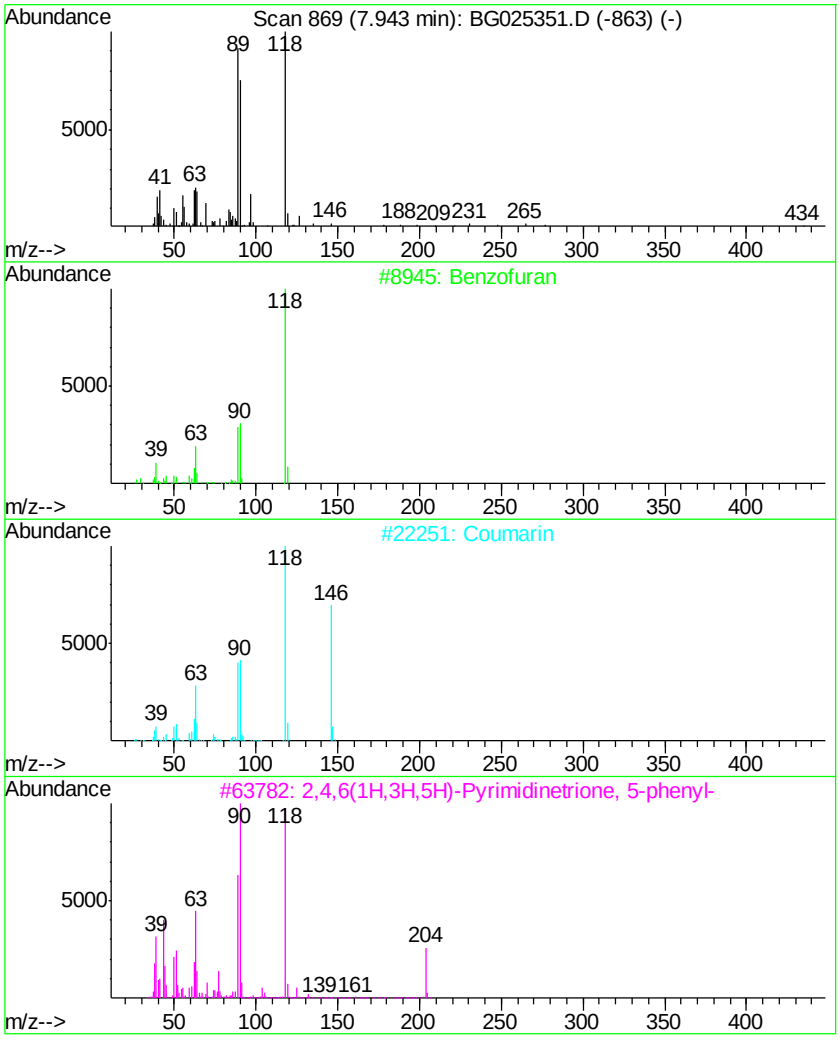
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

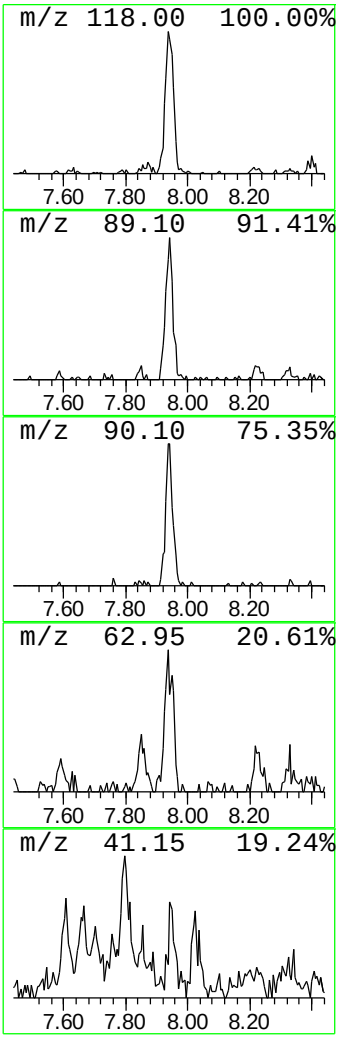
****

Peak Number 12 Benzofuran Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	5.62 ng/ul	119275	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	72
2	Coumarin	146	C9H6O2	000091-64-5	56
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	204	C10H8N2O3	022275-34-9	43
4	Bicyclo[2.2.1]-2,5-heptadiene-2,...	180	C9H8O4	015872-28-3	40
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

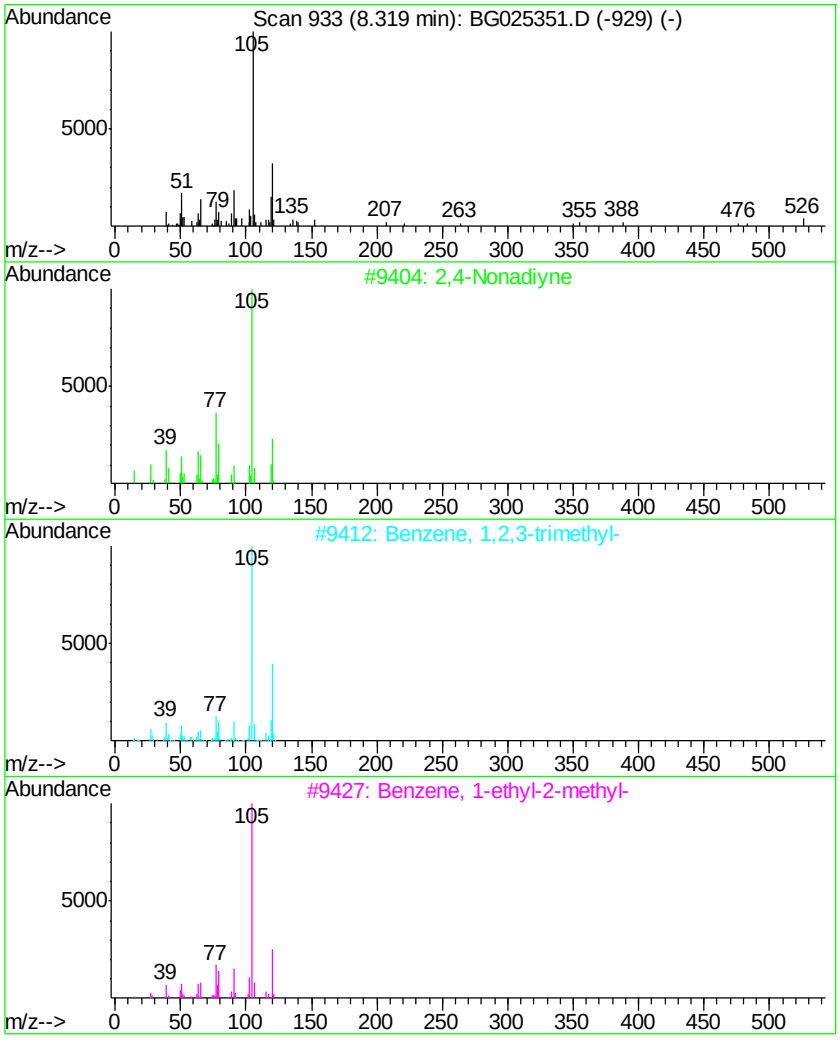
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

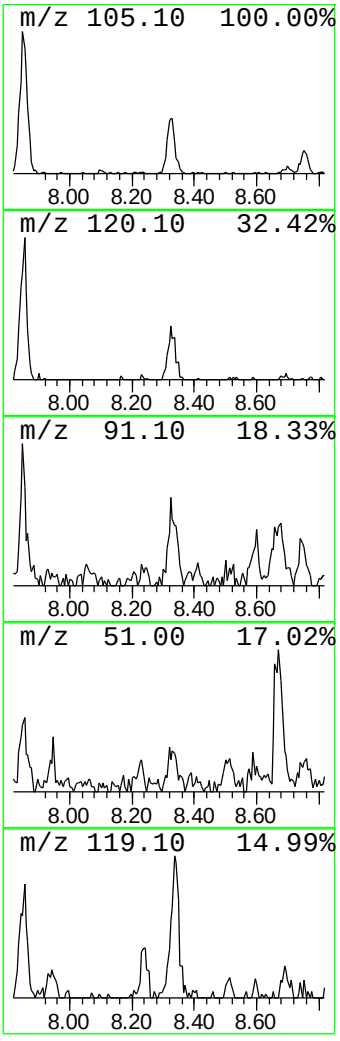
****

Peak Number 13 2,4-Nonadiyne Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.34 ng/ul	92151	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Nonadiyne	120	C9H12	063621-15-8	80
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	72
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

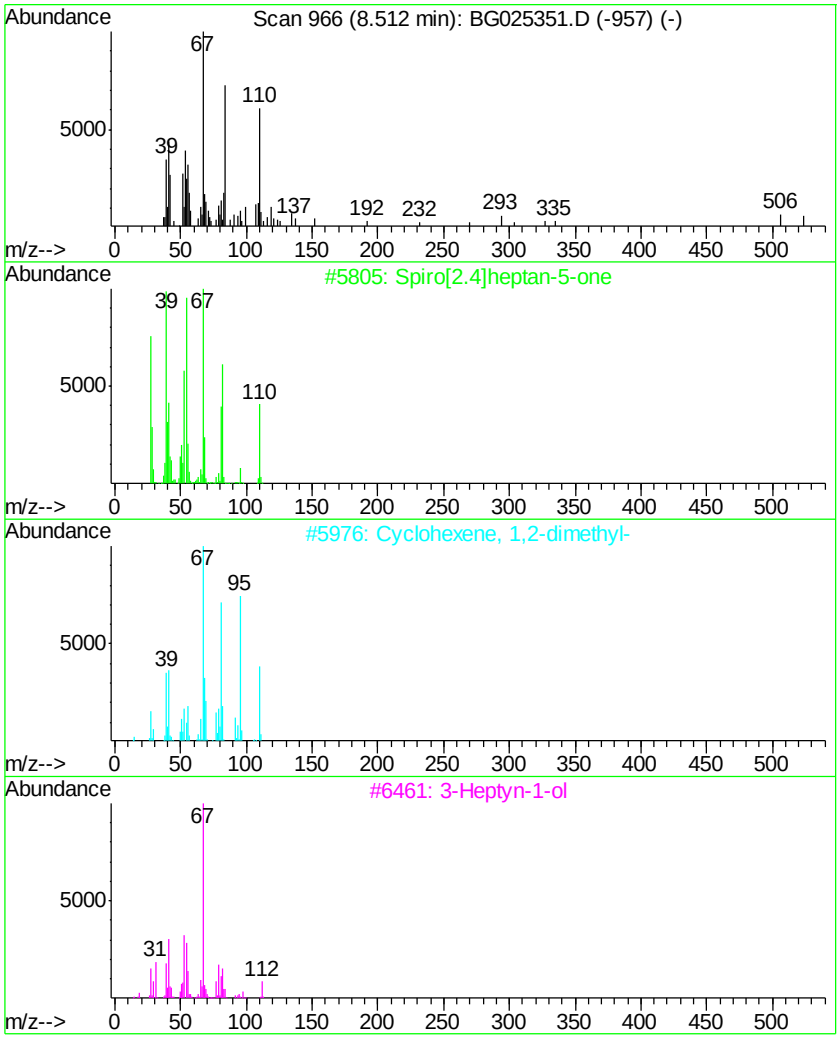
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

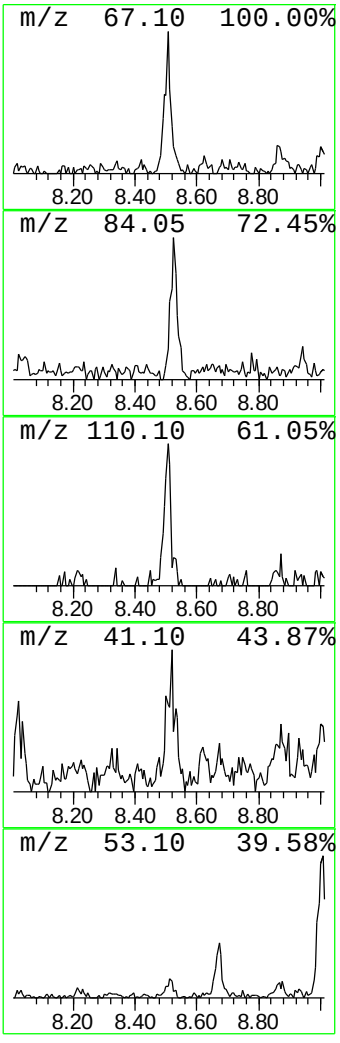
****

Peak Number 14 Spiro[2.4]heptan-5-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	5.03 ng/ul	106675	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]heptan-5-one	110	C7H10O	019740-31-9	72
2	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	72
3	3-Heptyn-1-ol	112	C7H12O	014916-79-1	53
4	Bicyclo[2.1.0]pentane	68	C5H8	000185-94-4	52
5	2-Furancarboxaldehyde, 5-methyl-	110	C6H6O2	000620-02-0	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

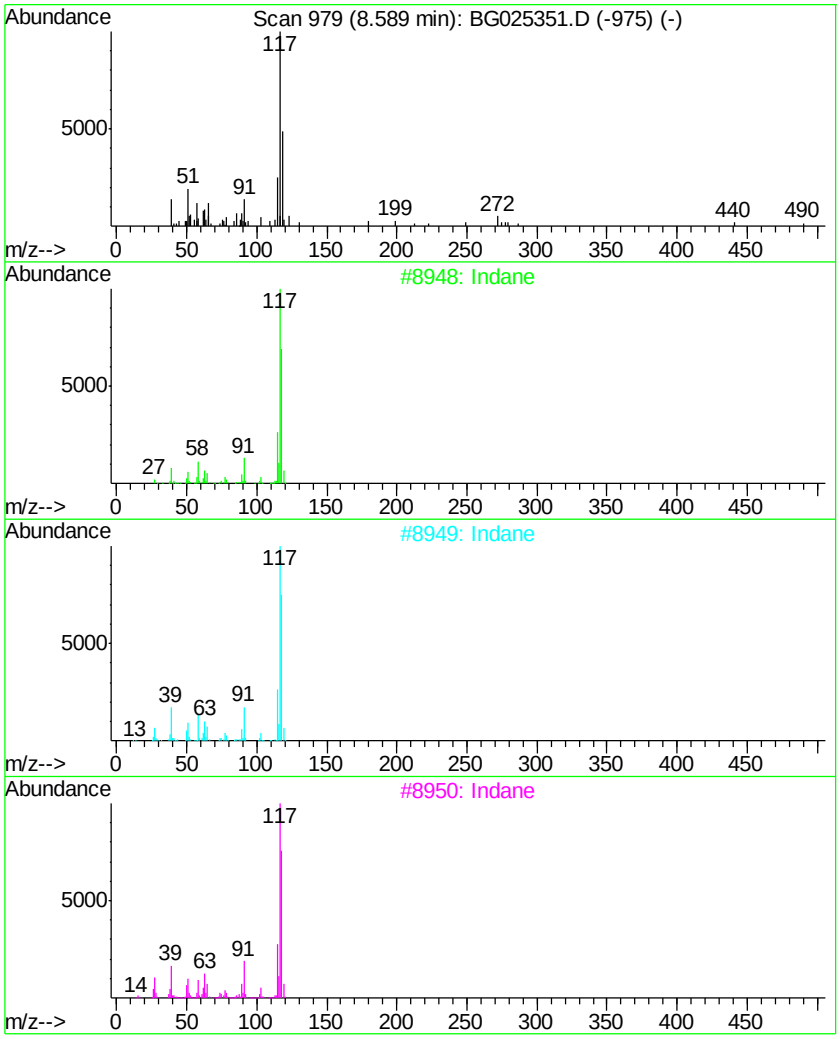
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

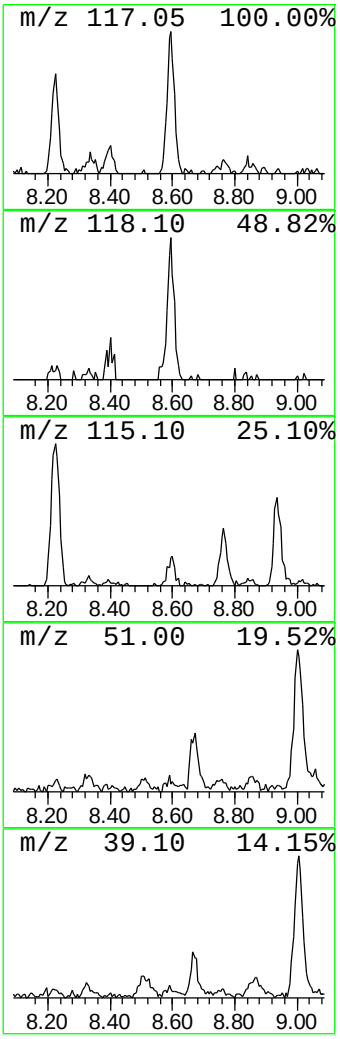
****

Peak Number 15 Indane Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	3.79 ng/ul	80457	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Indane	118	C9H10	000496-11-7	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

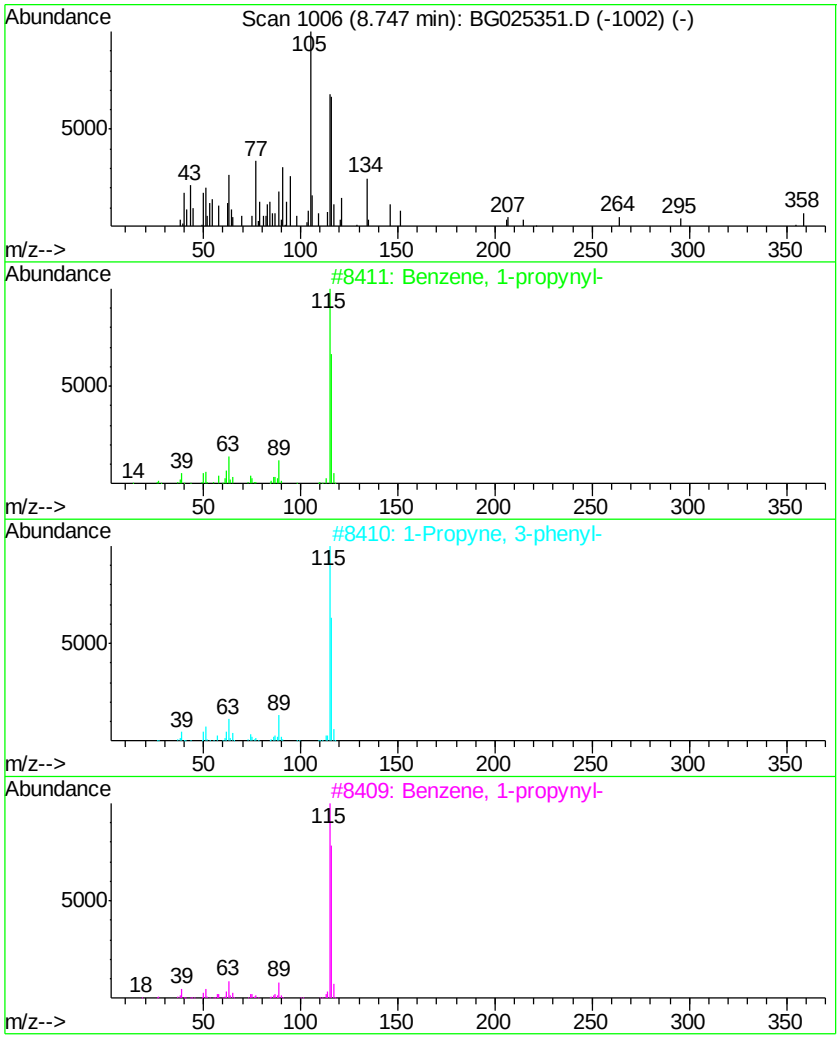
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

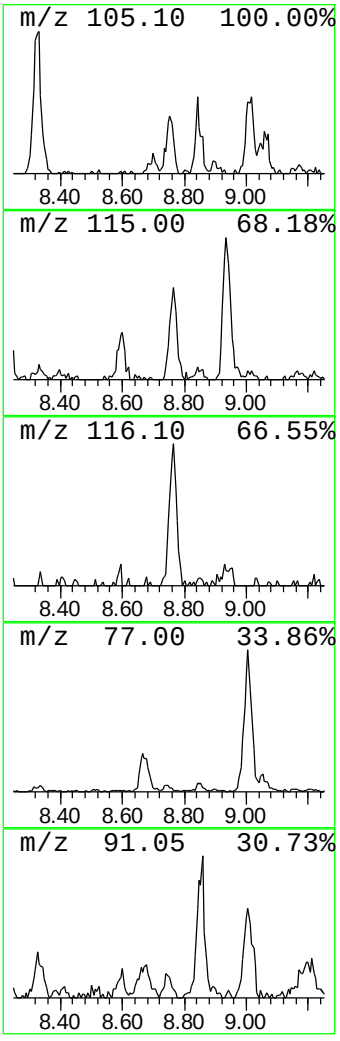
****

Peak Number 16 Benzene, 1-propynyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	3.66 ng/ul	77730	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	70
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	70
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	62
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	62
5	Indene	116	C9H8	000095-13-6	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

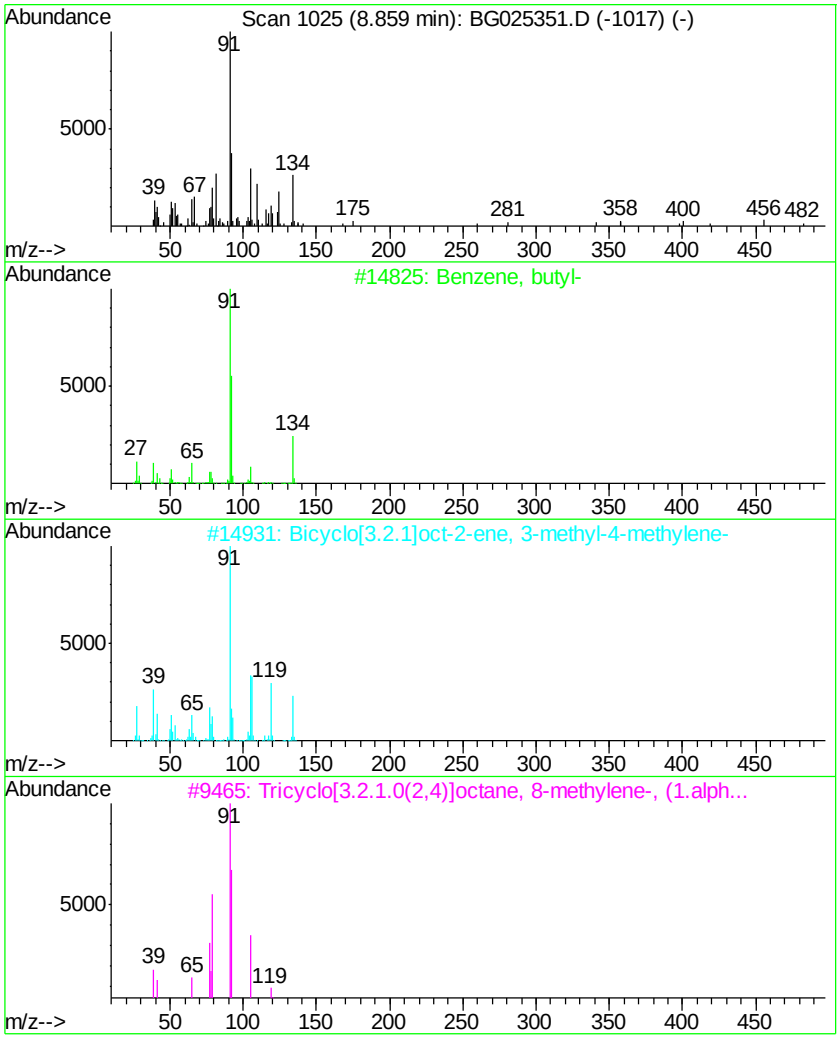
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

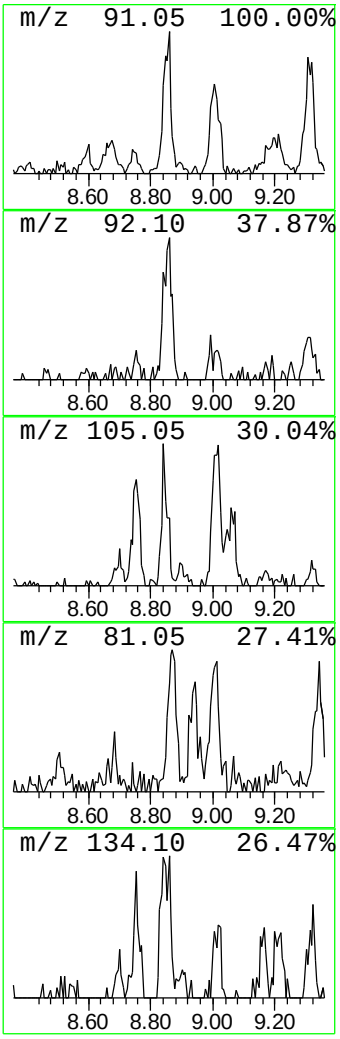
****

Peak Number 17 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	6.86 ng/ul	145521	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, butyl-	134	C10H14	000104-51-8	43
2	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	38
3	Tricyclo[3.2.1.0(2,4)]octane, 8-...	120	C9H12	038310-48-4	35
4	Benzene, (2-methoxyethenyl)-, (Z)-	134	C9H10O	014371-19-8	27
5	Benzene, butyl-	134	C10H14	000104-51-8	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

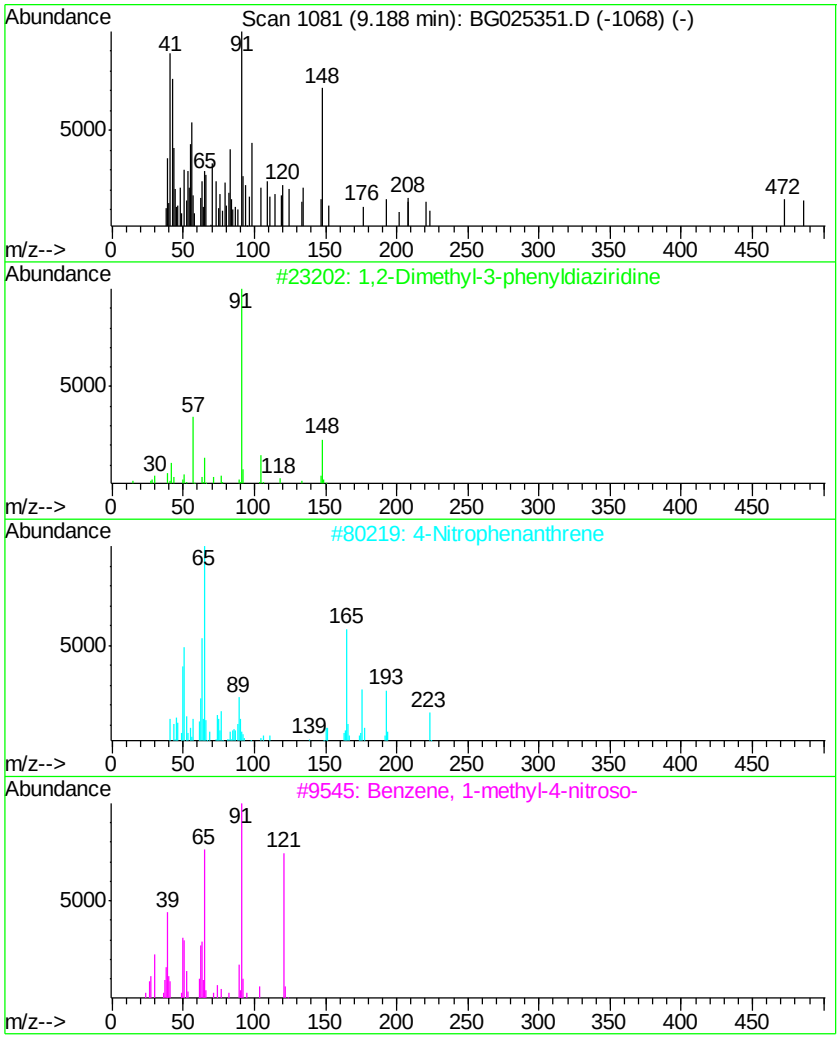
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

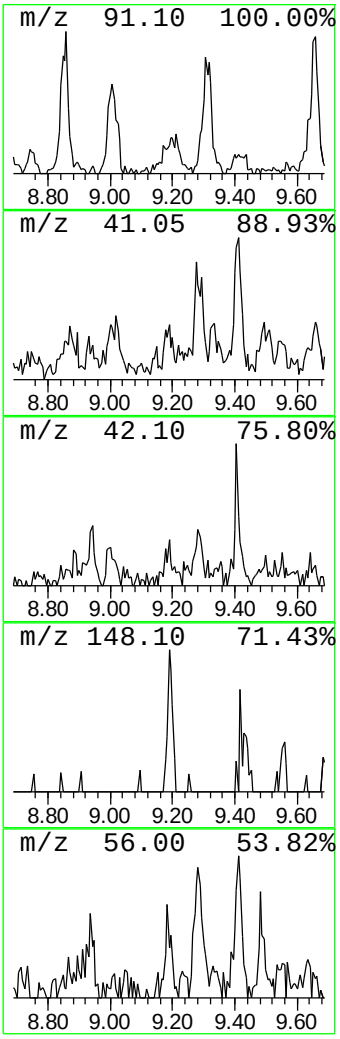
****

Peak Number 18 unknown-03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	3.39 ng/ul	71954	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl-3-phenyldiaziridine	148	C9H12N2	051456-63-4	47
2	4-Nitrophenanthrene	223	C14H9NO2	017024-17-8	41
3	Benzene, 1-methyl-4-nitroso-	121	C7H7NO	000623-11-0	35
4	Benzenepropanamine	135	C9H13N	002038-57-5	35
5	Bicyclo[2.2.1]hept-2-ene-1-carbo...	186	C9H11ClO2	085173-64-4	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

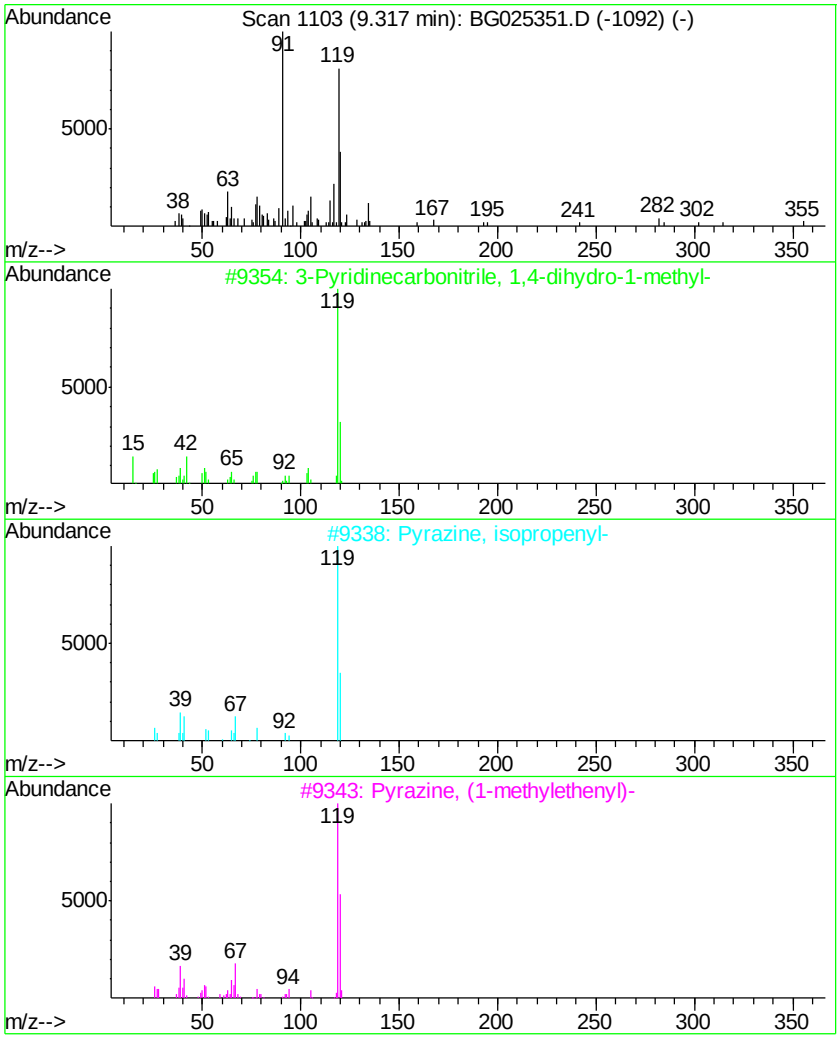
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

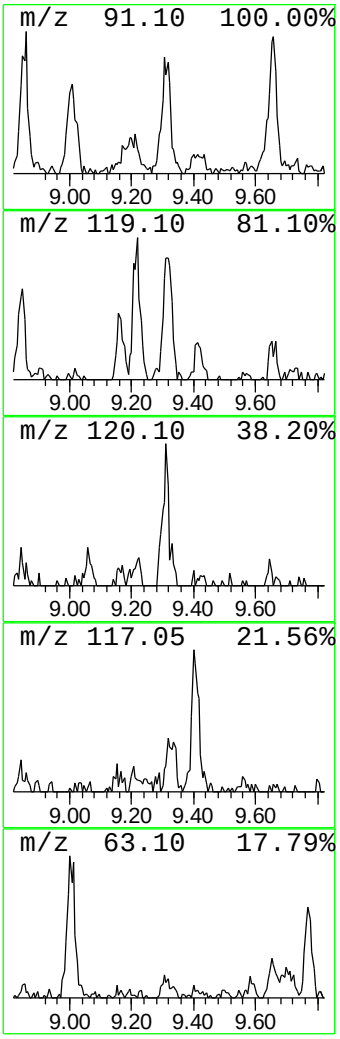
****

Peak Number 19 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	8.72 ng/ul	184953	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	49
2	Pyrazine, isopropenyl-	120	C7H8N2	034413-32-6	49
3	Pyrazine, (1-methylethenyl)-	120	C7H8N2	038713-41-6	47
4	1,5-Dimethyl-2-pyrrolecarbonitrile	120	C7H8N2	056341-36-7	47
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

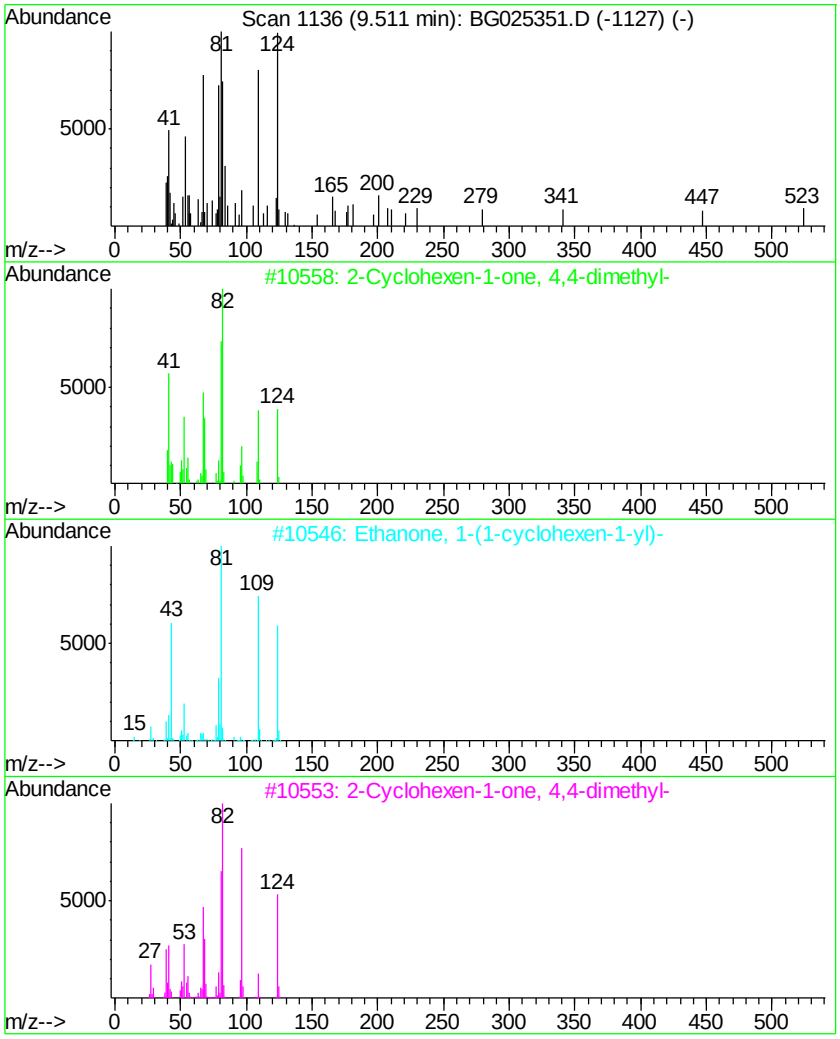
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

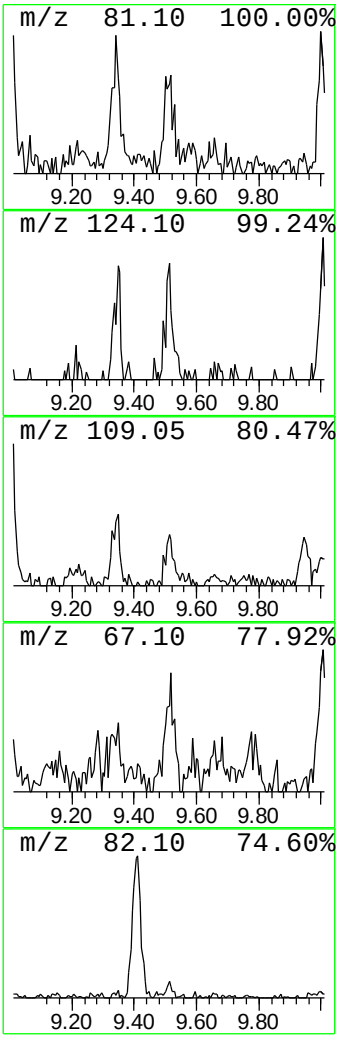
****

Peak Number 20 2-Cyclohexen-1-one, 4,4-dim... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.89 ng/ul	61217	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	53
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	52
3	2-Cyclohexen-1-one, 4,4-dimethyl-	124	C8H12O	001073-13-8	50
4	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	49
5	2-Furanmethanamine, N-(2-furanyl...	177	C10H11NO2	018240-50-1	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

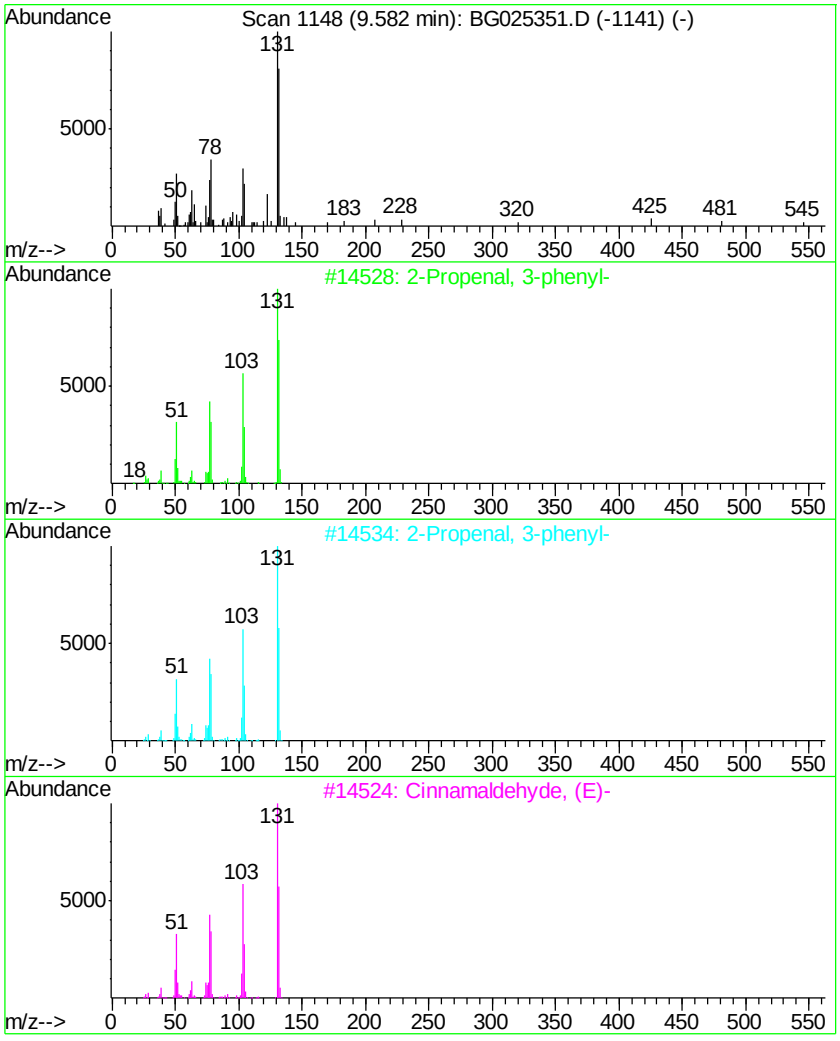
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

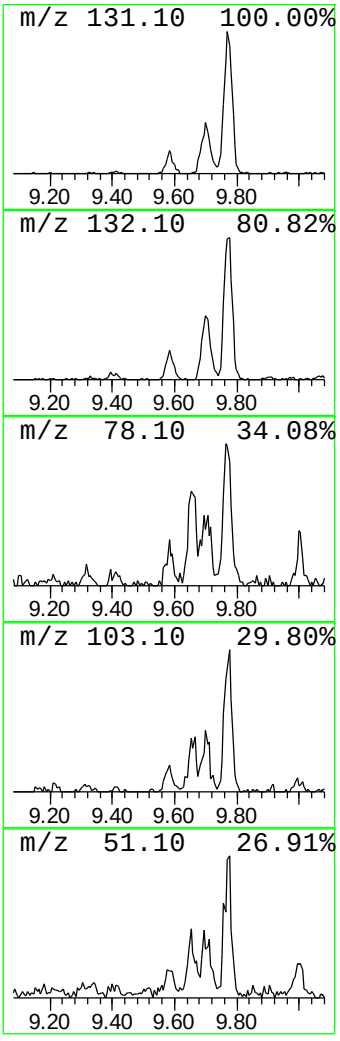
****

Peak Number 21 2-Propenal, 3-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	4.51 ng/ul	95681	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	83
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	72
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	72
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

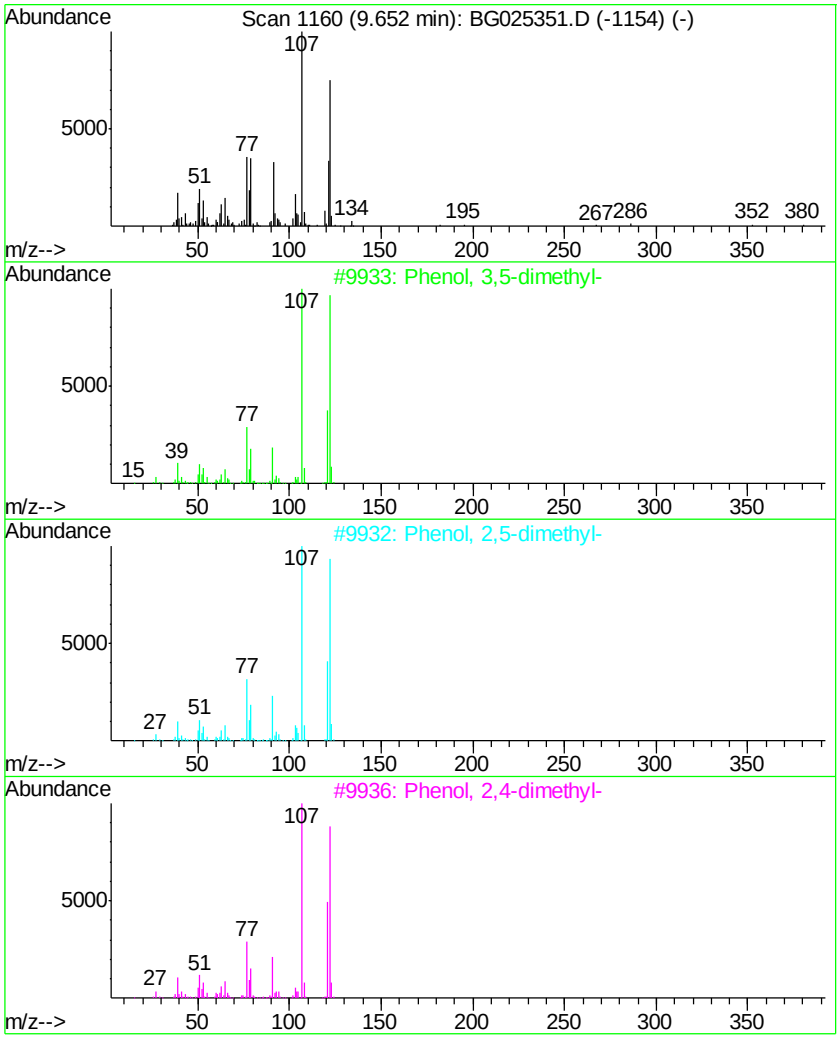
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

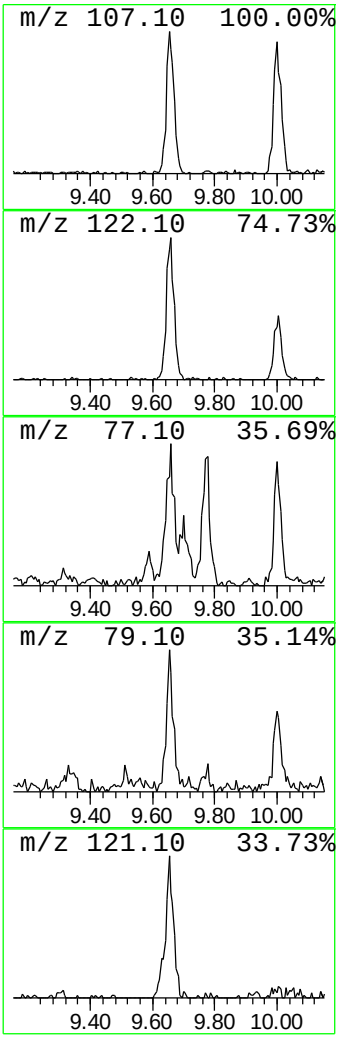
****

Peak Number 22 Phenol, 3,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	11.78 ng/ul	312693	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

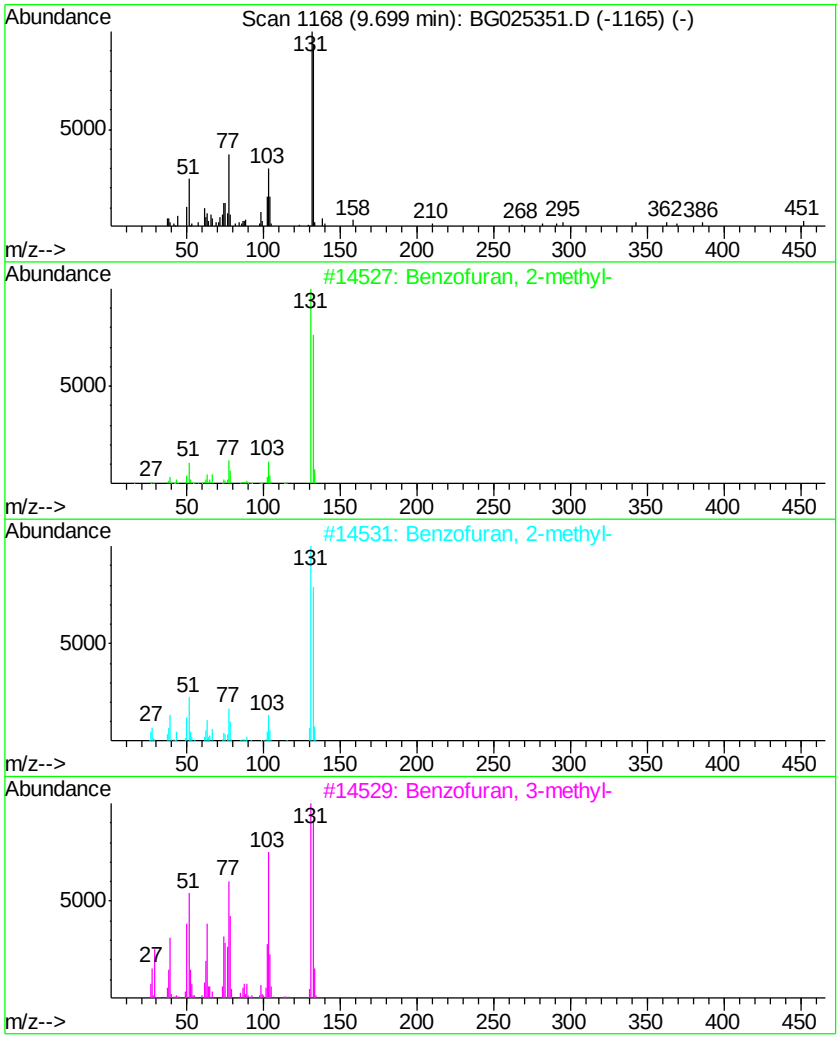
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

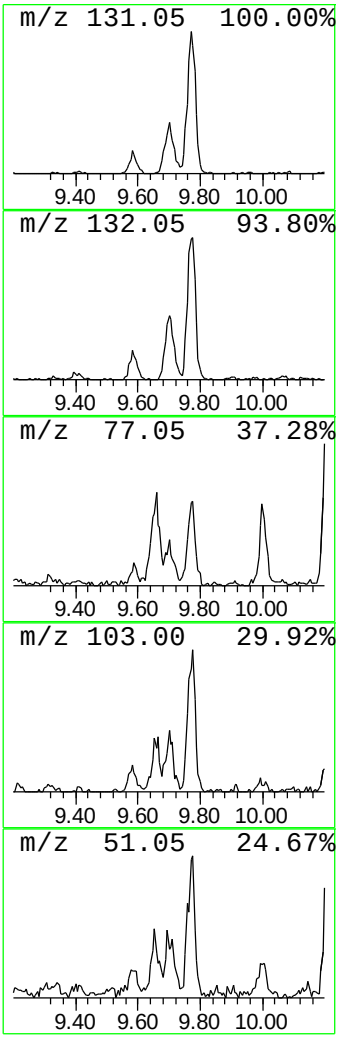
****

Peak Number 23 Benzofuran, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	6.08 ng/ul	161333	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzofuran, 3-methyl-	132	C9H8O	021535-97-7	86
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	86
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

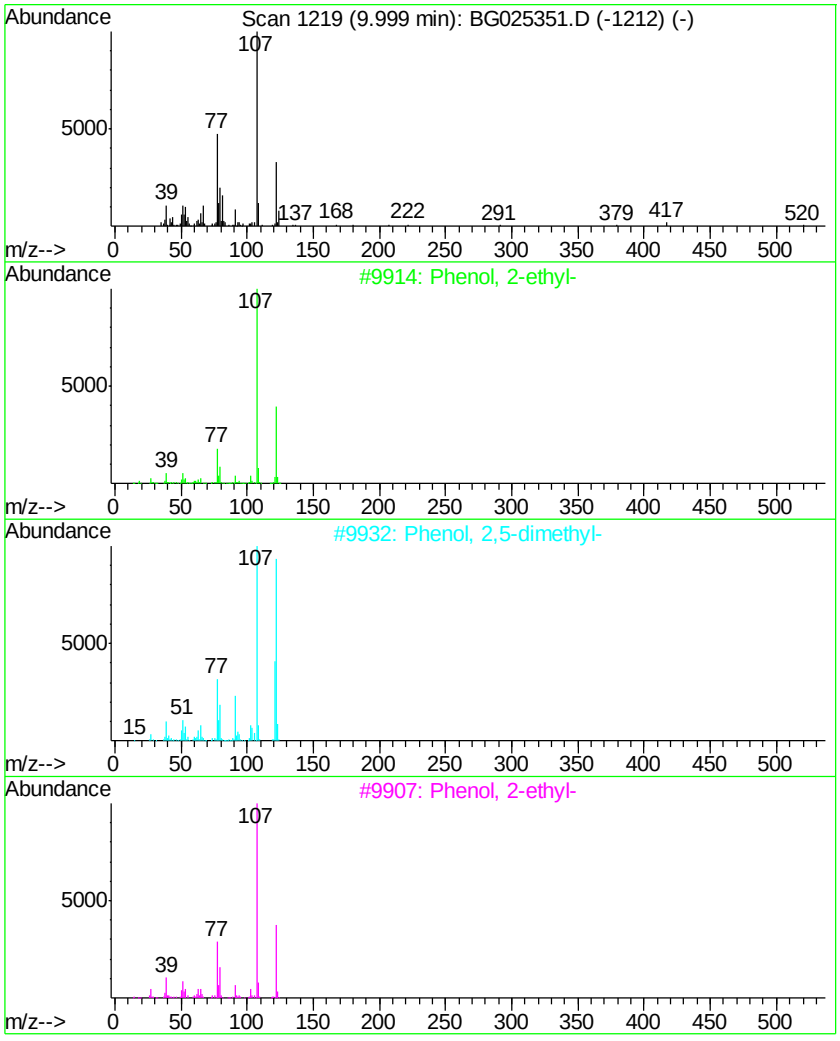
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

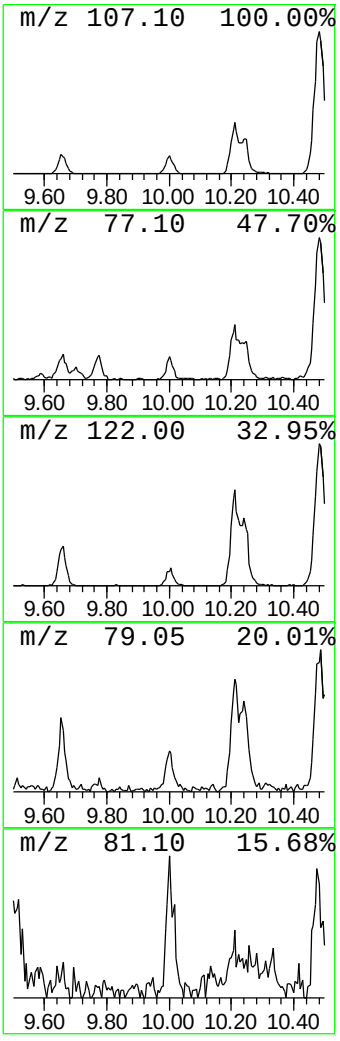
****

Peak Number 25 Phenol, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.84 ng/ul	181650	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	78
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74
4	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	64
5	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

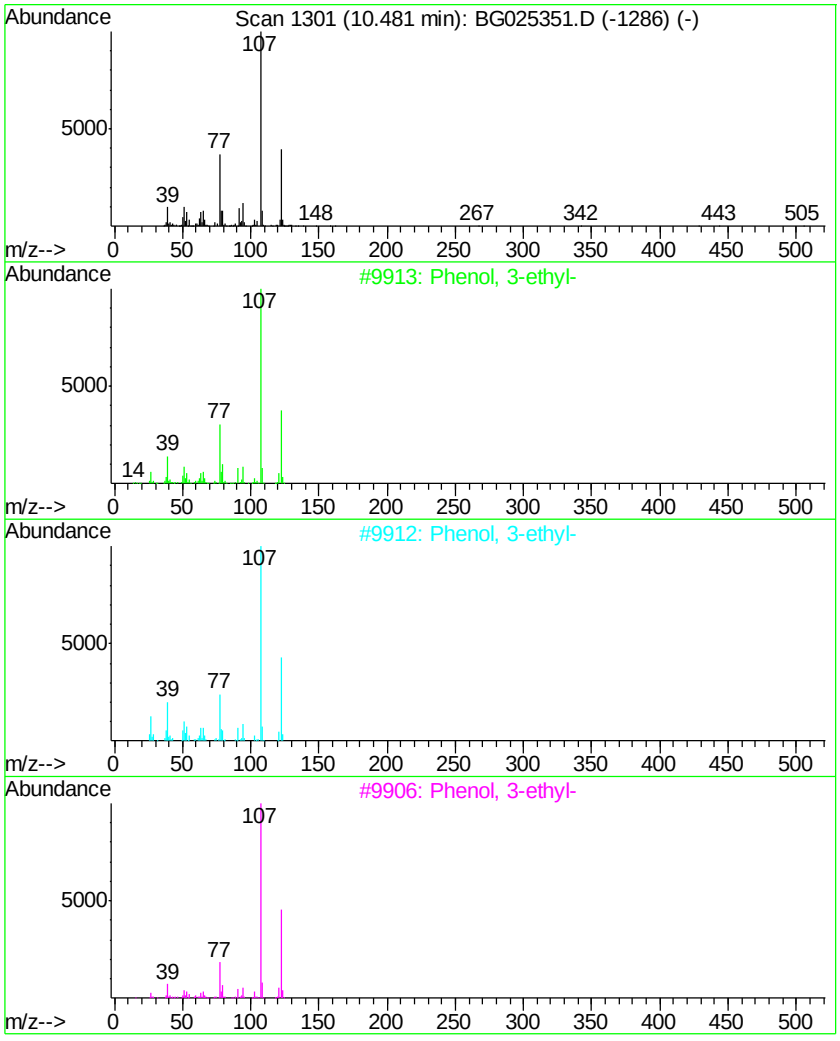
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

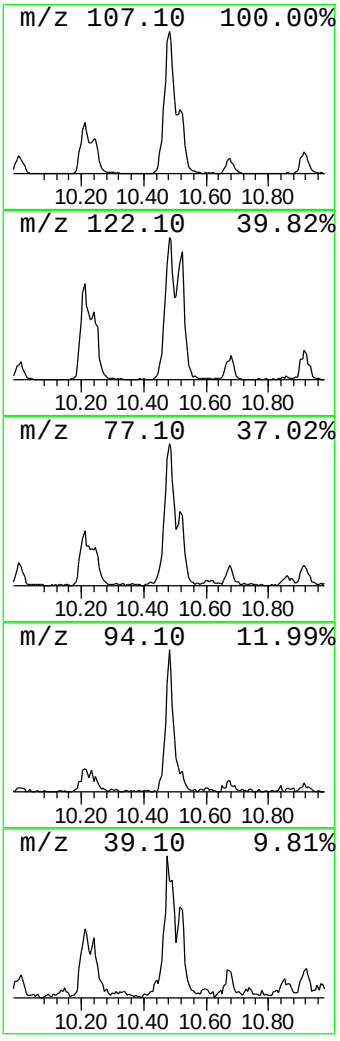
****

Peak Number 26 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	61.53 ng/ul	1633140	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	90
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

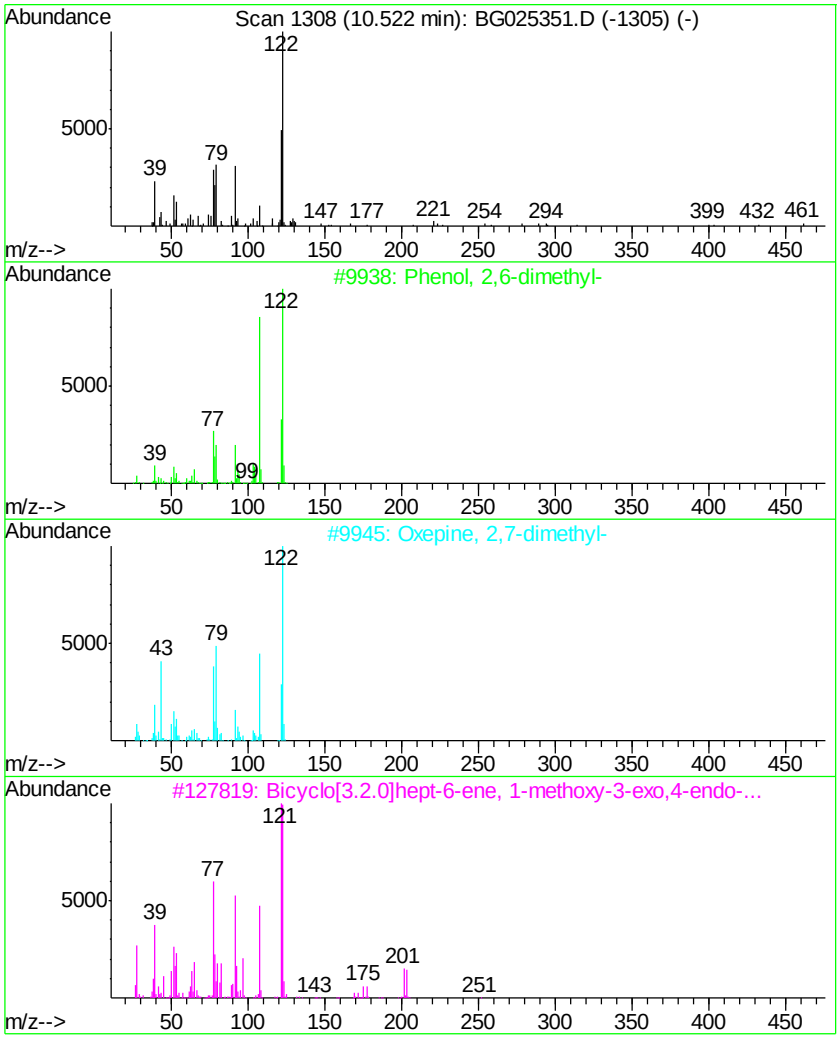
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

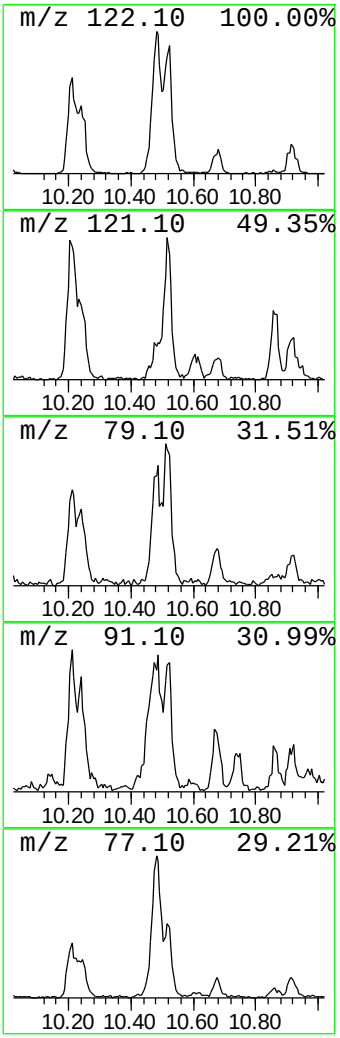
****

Peak Number 27 Phenol, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	28.51 ng/ul	756671	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	76
2	Oxepine, 2,7-dimethyl-	122	C8H10O	001487-99-6	70
3	Bicyclo[3.2.0]hept-6-ene, 1-meth...	280	C8H10Br2O	1000157-52-6	64
4	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	62
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

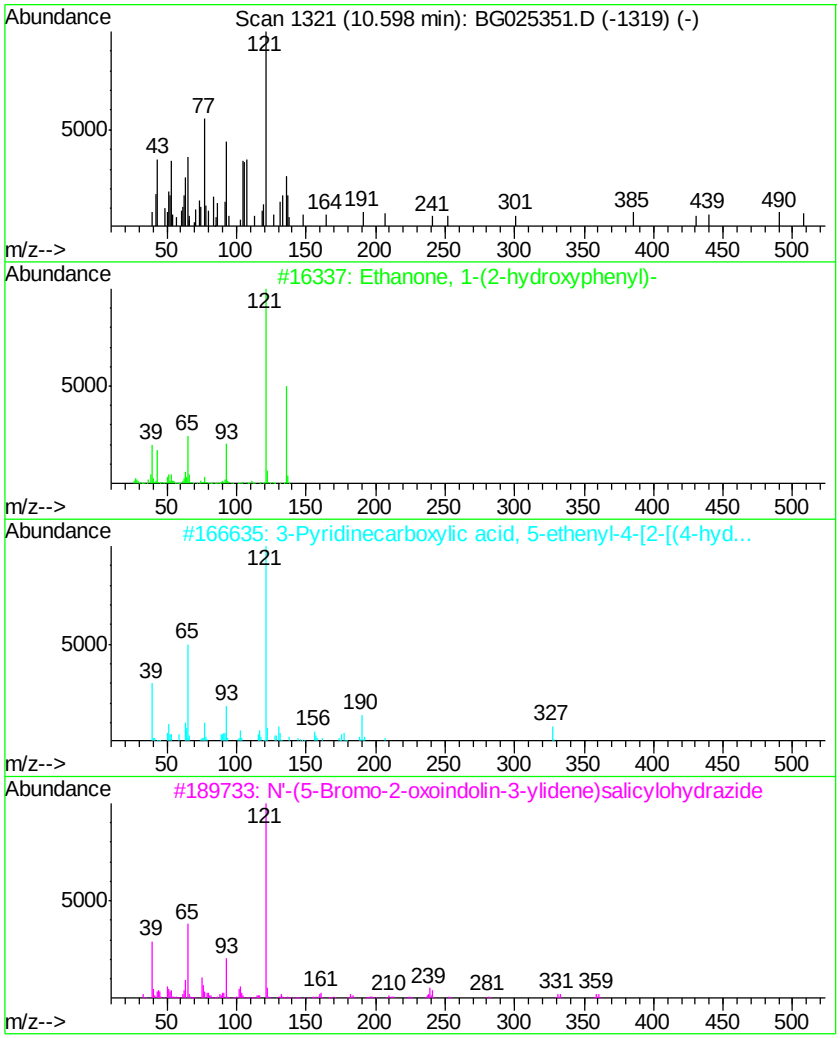
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

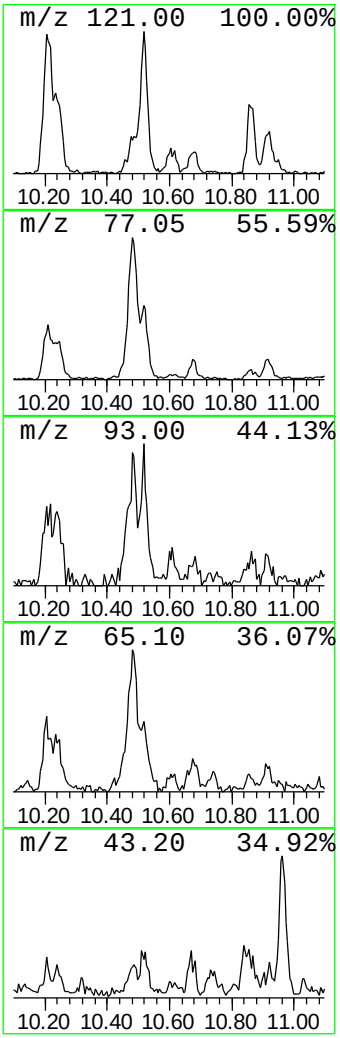
****

Peak Number 28 Ethanone, 1-(2-hydroxyphenyl)- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.30 ng/ul	61102	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	64
2	3-Pyridinecarboxylic acid, 5-eth...	327	C18H17NO5	022667-62-5	53
3	N'-(5-Bromo-2-oxoindolin-3-ylide...	359	C15H10BrN3O3	324777-51-7	50
4	Salicylhydrazide, N2-phenylsulfo...	292	C13H12N2O4S	1000294-09-9	50
5	Benzoic acid, 2-hydroxy-[(3-nitr...	285	C14H11N3O4	072323-40-1	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

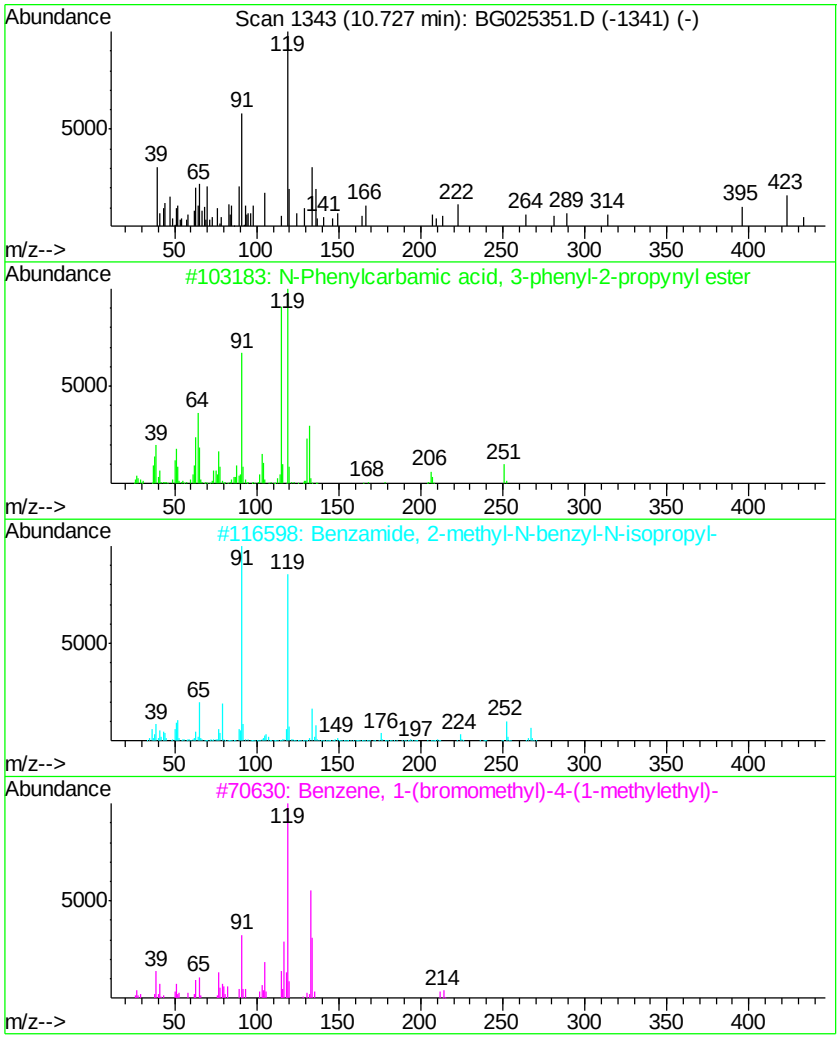
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

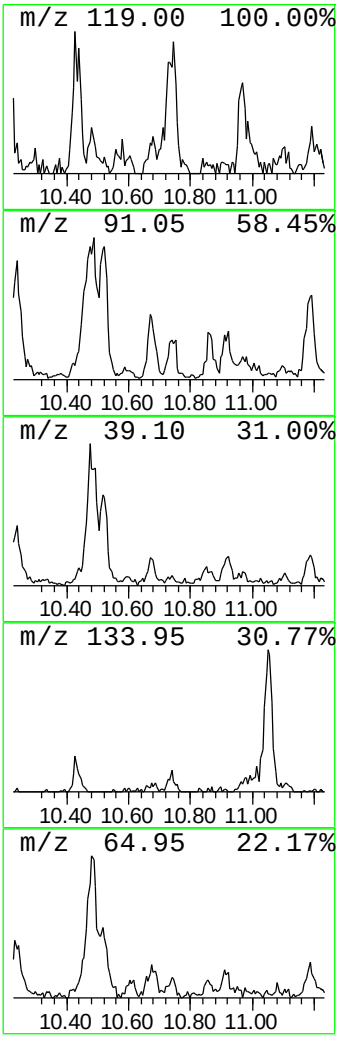
****

Peak Number 29 unknown-05 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.28 ng/ul	60539	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Phenylcarbamic acid, 3-phenyl-...	251	C16H13NO2	1000196-34-2	47
2	Benzamide, 2-methyl-N-benzyl-N-i...	267	C18H21NO	013493-25-9	43
3	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	43
4	Benzoyl chloride, 4-methyl-	154	C8H7ClO	000874-60-2	42
5	Benzoic acid, 2-methyl-, 4-metho...	270	C16H14O4	1000261-42-7	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

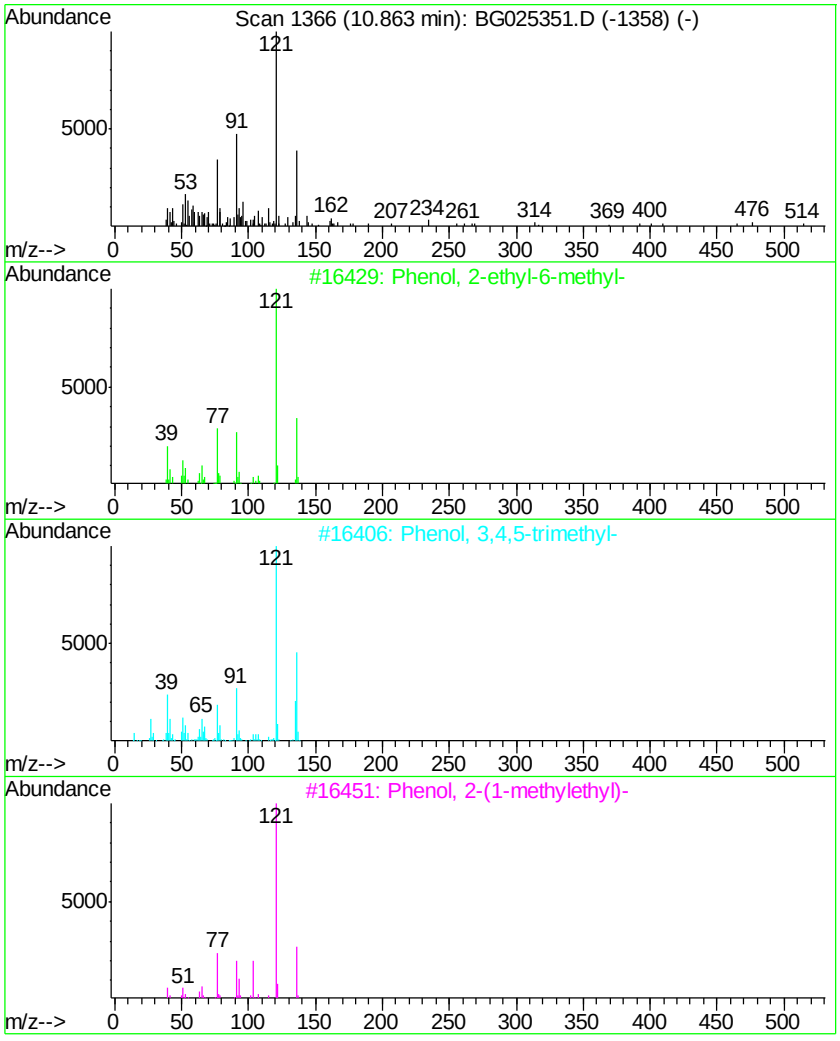
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

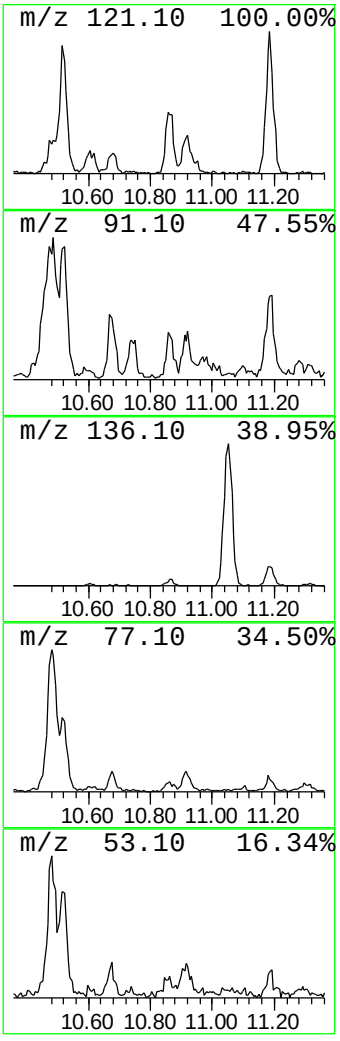
****

Peak Number 30 Phenol, 2-ethyl-6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.24 ng/ul	192139	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	78
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	78





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

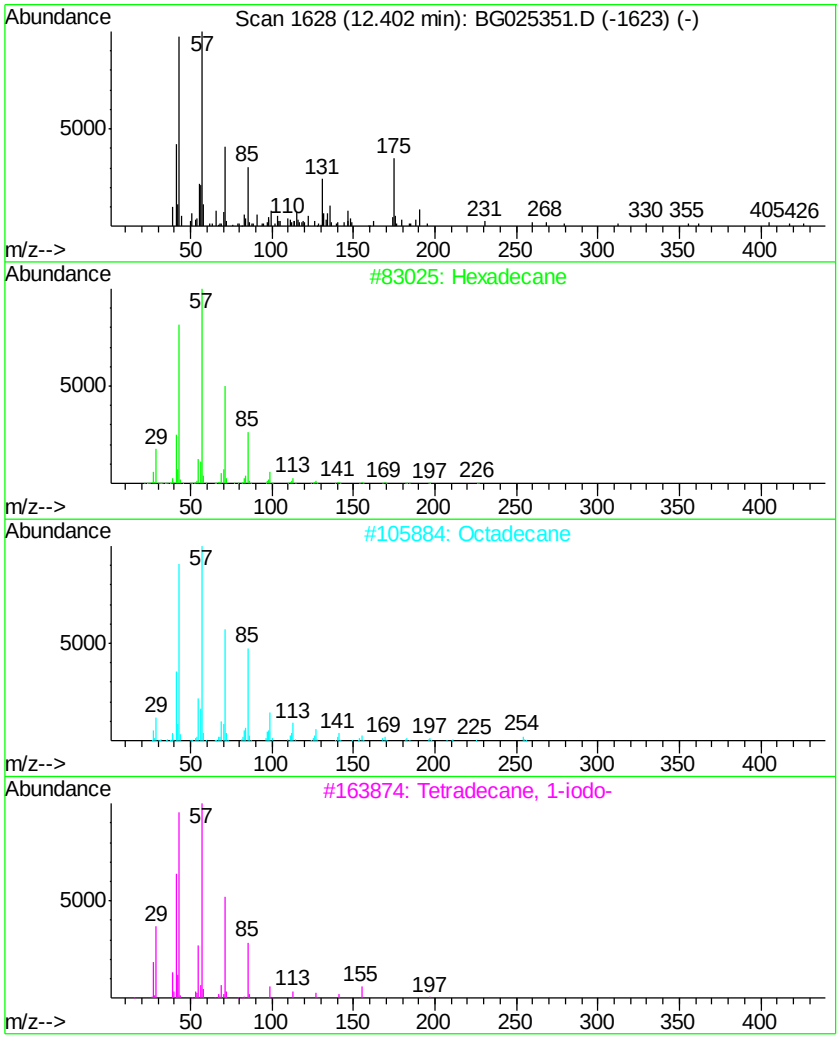
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

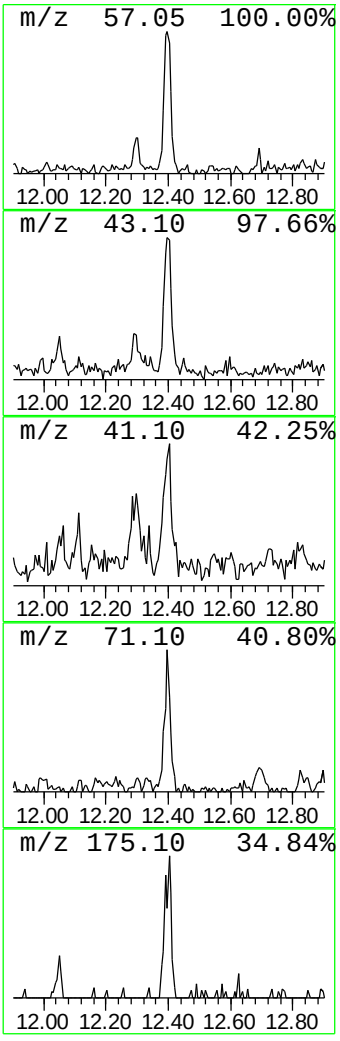
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.84 ng/ul	101833	Naphthalene-d8	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	46
2	Octadecane	254	C18H38	000593-45-3	43
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

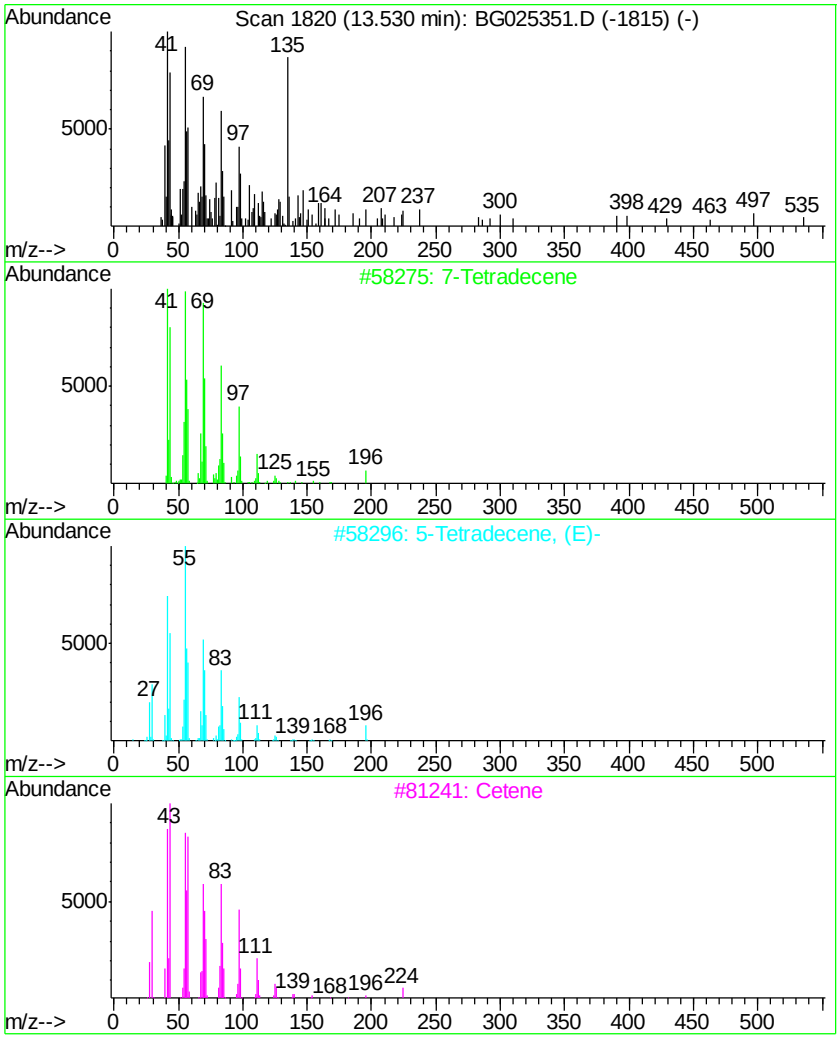
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

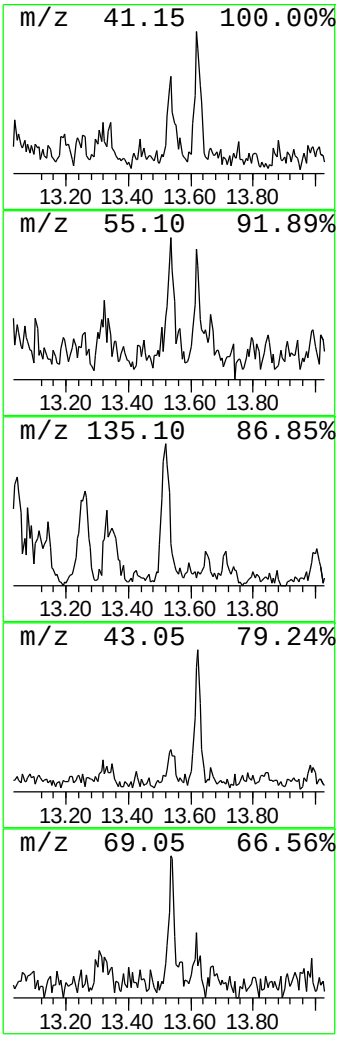
****

Peak Number 50 (DEL) Alkane: Cyclic13.53 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.49 ng/ul	167123	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	92
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	84
3	Cetene	224	C16H32	000629-73-2	72
4	Cetene	224	C16H32	000629-73-2	70
5	Cyclotetradecane	196	C14H28	000295-17-0	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

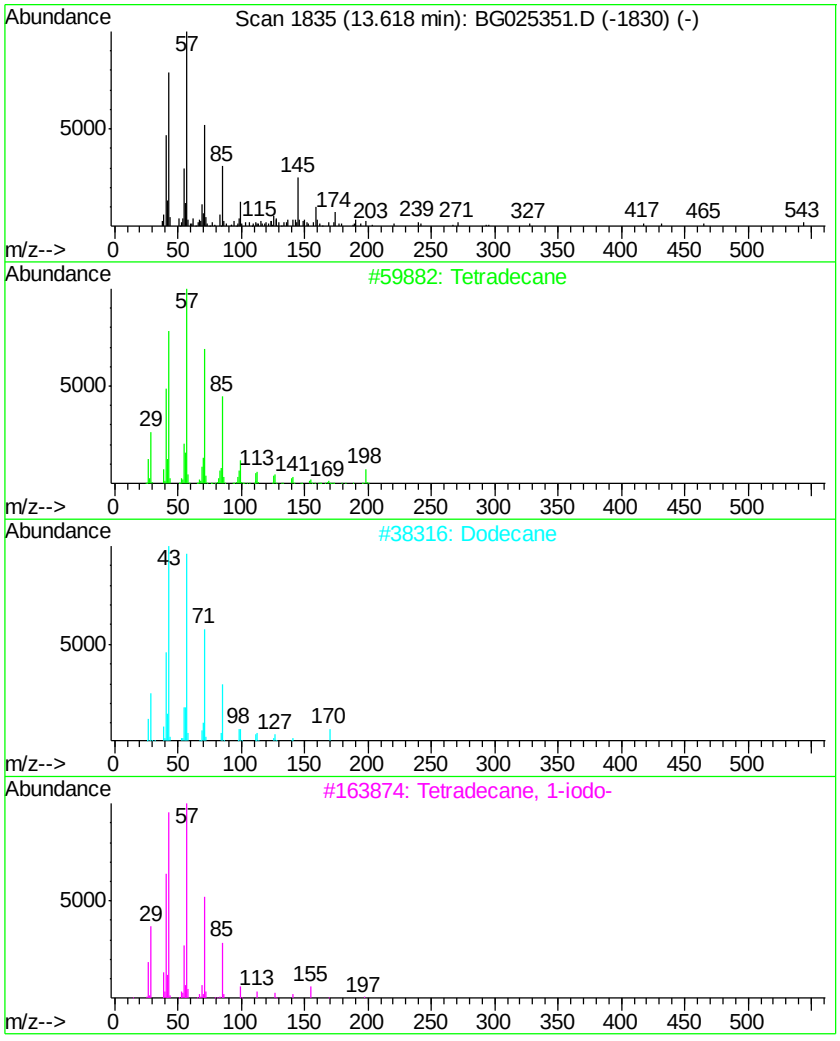
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

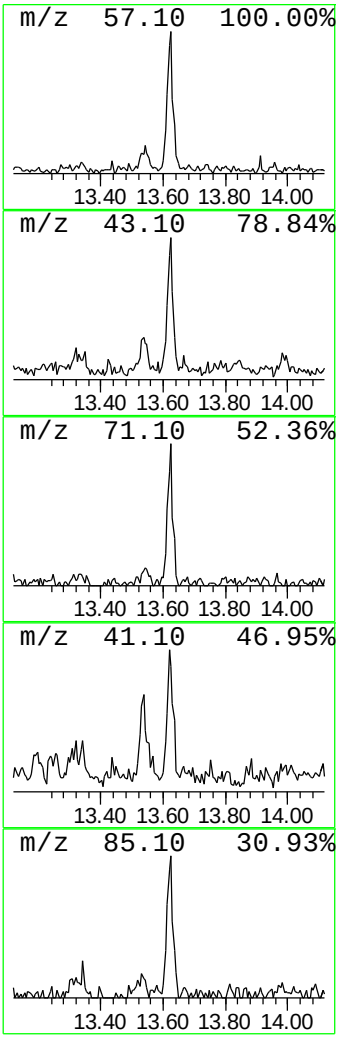
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.07 ng/ul	146988	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Dodecane	170	C12H26	000112-40-3	64
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Tetradecane	198	C14H30	000629-59-4	62
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

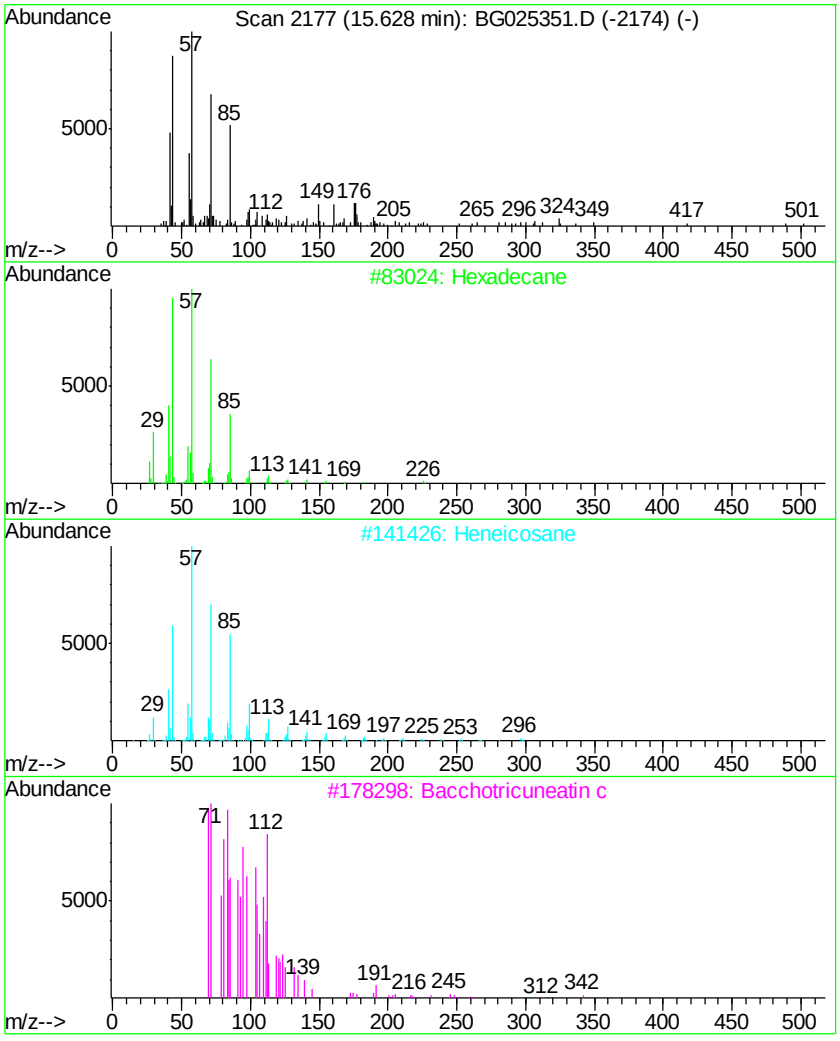
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

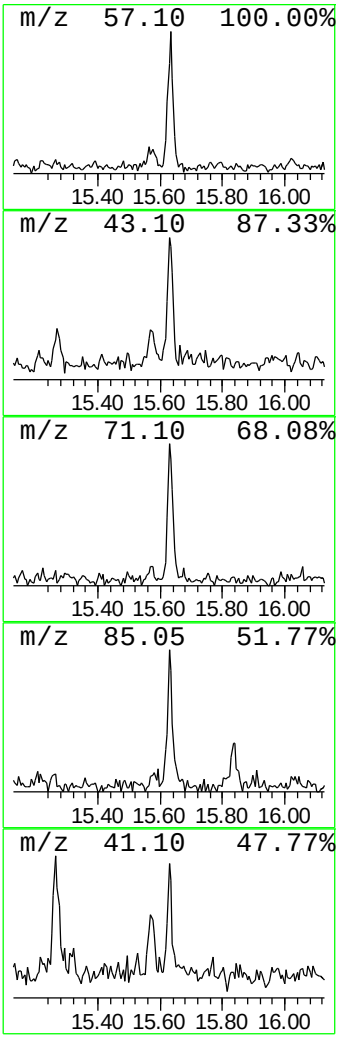
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.35 ng/ul	112421	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Heneicosane	296	C21H44	000629-94-7	53
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	49
4	Heneicosane	296	C21H44	000629-94-7	49
5	Tetradecane	198	C14H30	000629-59-4	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

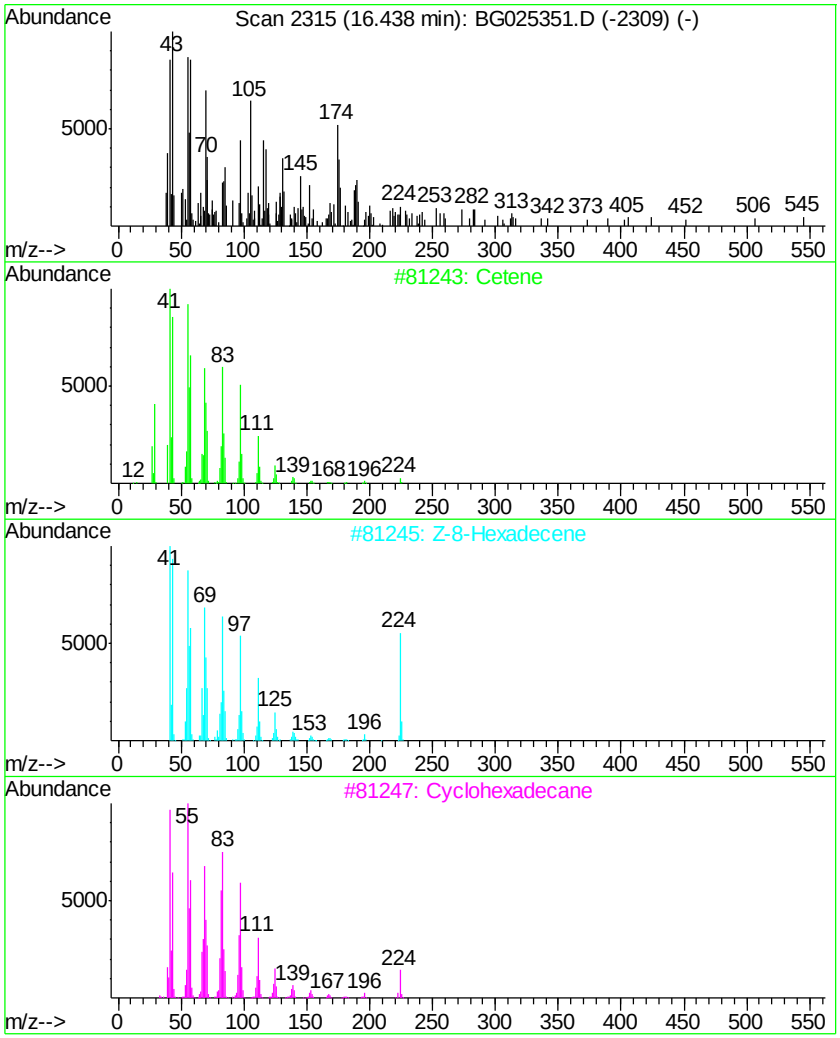
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

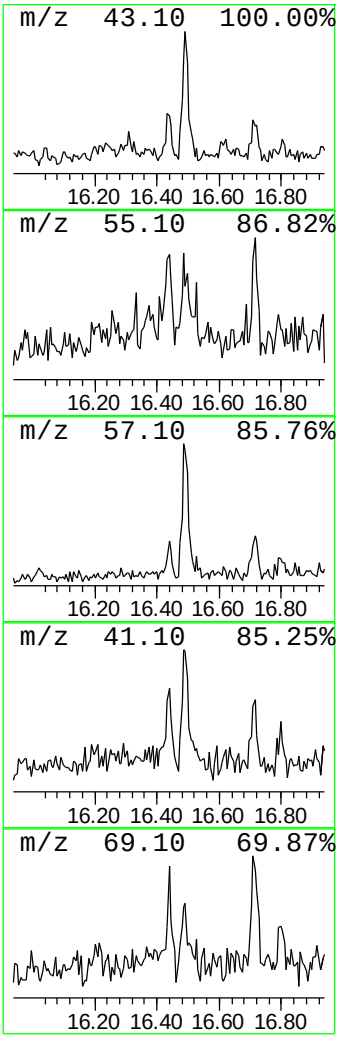
****

Peak Number 59 (DEL) Alkane: Cyclic16.44 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.40 ng/ul	132822	Phenanthrene-d10	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	35
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	35
3	Cyclohexadecane	224	C16H32	000295-65-8	35
4	1-Heptadecene	238	C17H34	006765-39-5	25
5	Cyclotetradecane	196	C14H28	000295-17-0	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

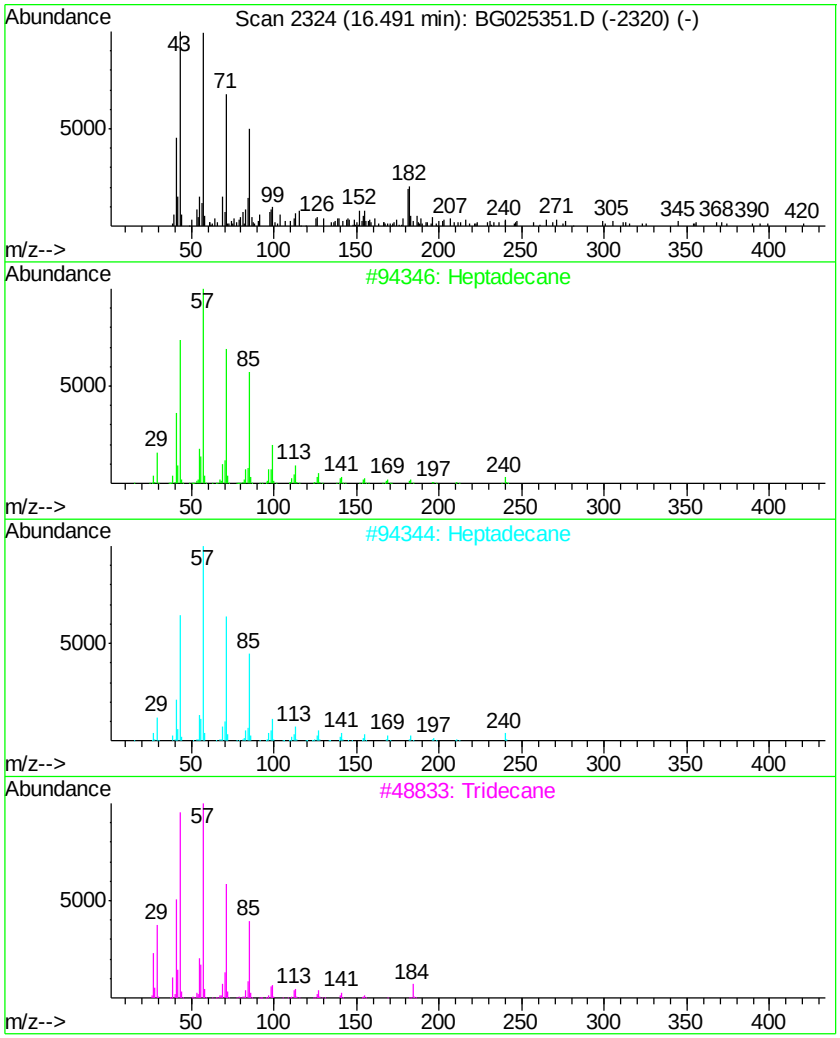
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

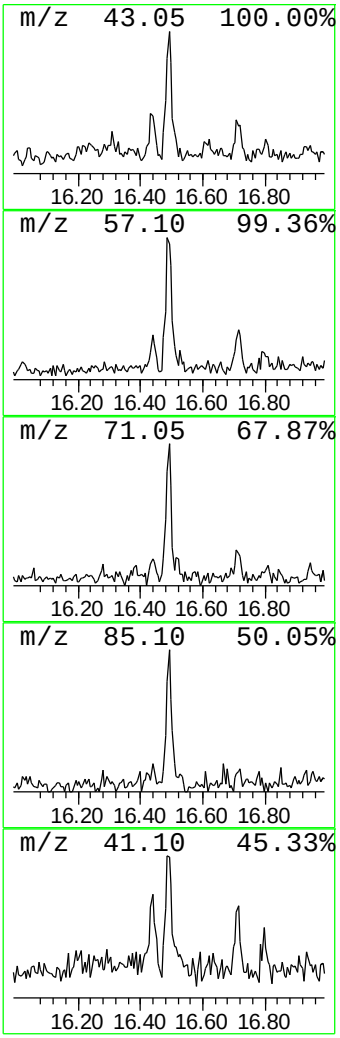
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.73 ng/ul	206651	Phenanthrene-d10	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	Heptadecane	240	C17H36	000629-78-7	64
3	Tridecane	184	C13H28	000629-50-5	58
4	Octacosane	394	C28H58	000630-02-4	52
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025351.D
Acq On : 20 Dec 2016 12:49
Operator : UM/SJ
Sample : H6040-16DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W9DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
Furan, 2-ethyl-5-...	4.67	3.0	ng/ul	63799	1	8.22	424218	20.0
3,5-Octadien-2-one	5.95	2.9	ng/ul	61211	1	8.22	424218	20.0
(DEL) Alkane: Cyc...	6.93	3.1	ng/ul	64874	1	8.22	424218	20.0
unknown-01	7.17	2.4	ng/ul	51449	1	8.22	424218	20.0
Benzene, 1-ethyl-...	7.28	4.8	ng/ul	102253	1	8.22	424218	20.0
Benzene, 1,2,4-tr...	7.85	8.4	ng/ul	177461	1	8.22	424218	20.0
Benzofuran	7.94	5.6	ng/ul	119275	1	8.22	424218	20.0
2,4-Nonadiyne	8.32	4.3	ng/ul	92151	1	8.22	424218	20.0
Spiro[2.4]heptan-...	8.51	5.0	ng/ul	106675	1	8.22	424218	20.0
Indane	8.59	3.8	ng/ul	80457	1	8.22	424218	20.0
Benzene, 1-propynyl-	8.75	3.7	ng/ul	77730	1	8.22	424218	20.0
unknown-02	8.86	6.9	ng/ul	145521	1	8.22	424218	20.0
unknown-03	9.19	3.4	ng/ul	71954	1	8.22	424218	20.0
unknown-04	9.32	8.7	ng/ul	184953	1	8.22	424218	20.0
2-Cyclohexen-1-on...	9.51	2.9	ng/ul	61217	1	8.22	424218	20.0
2-Propenal, 3-phe...	9.58	4.5	ng/ul	95681	1	8.22	424218	20.0
Phenol, 3,5-dimet...	9.65	11.8	ng/ul	312693	2	11.05	530854	20.0
Benzofuran, 2-met...	9.70	6.1	ng/ul	161333	2	11.05	530854	20.0
Phenol, 2-ethyl-	10.00	6.8	ng/ul	181650	2	11.05	530854	20.0
Phenol, 3-ethyl-	10.48	61.5	ng/ul	1633140	2	11.05	530854	20.0
Phenol, 2,6-dimet...	10.52	28.5	ng/ul	756671	2	11.05	530854	20.0
Ethanone, 1-(2-hy...	10.60	2.3	ng/ul	61102	2	11.05	530854	20.0
unknown-05	10.73	2.3	ng/ul	60539	2	11.05	530854	20.0
Phenol, 2-ethyl-6...	10.86	7.2	ng/ul	192139	2	11.05	530854	20.0
(DEL) Alkane: Str...	12.40	3.8	ng/ul	101833	2	11.05	530854	20.0
(DEL) Alkane: Cyc...	13.53	3.5	ng/ul	167123	3	14.85	956584	20.0
(DEL) Alkane: Str...	13.62	3.1	ng/ul	146988	3	14.85	956584	20.0
(DEL) Alkane: Str...	15.63	2.4	ng/ul	112421	3	14.85	956584	20.0
(DEL) Alkane: Cyc...	16.44	2.4	ng/ul	132822	4	17.59	1107020	20.0
(DEL) Alkane: Str...	16.49	3.7	ng/ul	206651	4	17.59	1107020	20.0