LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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	7.386	764	774	779	rBV2	219390	472968	24.20%	0.651%
2	7.550	792	802	807	rBV	149597	266241	13.62%	0.366%
3	7.762	832	838	843	rBV	205677	350751	17.95%	0.483%
4	7.868	851	856	864	rVB	137940	241976	12.38%	0.333%
5	8.232	904	918	929	rBV	323212	638226	32.66%	0.878%
6	8.867	1017	1026	1033	rBV6	165477	396430	20.28%	0.545%
7	8.937	1033	1038	1045	rVB2	267996	496564	25.41%	0.683%
8	9.342	1102	1107	1113	rVV5	101793	237569	12.16%	0.327%
9	9.419	1113	1120	1128	rVB3	367140	759638	38.87%	1.045%
10	9.666	1155	1162	1166	rVV2	167146	312077	15.97%	0.429%
11	9.719	1166	1171	1177	rVV3	92432	216763	11.09%	0.298%
12	9.783	1177	1182	1191	rVB2	225333	407014	20.83%	0.560%
13	10.142	1229	1243	1250	rBV7	245449	593575	30.37%	0.817%
14	10.218	1250	1256	1266	rBV	369743	1057492	54.11%	1.455%
15	10.471	1288	1299	1302	rBV6	184225	552280	28.26%	0.760%
16	10.523	1302	1308	1319	rVV	578131	1160158	59.36%	1.596%
17	10.682	1329	1335	1341	rBV2	444223	805090	41.19%	1.108%
18	10.870	1360	1367	1370	rBV4	147574	298558	15.28%	0.411%
19	10.917	1371	1375	1381	rVV	194991	345194	17.66%	0.475%
20	10.982	1381	1386	1392	rVV	154311	272548	13.95%	0.375%
21	11.064	1393	1400	1404	rBV	433454	719852	36.83%	0.991%
22	11.111	1405	1408	1414	rVB	237564	395396	20.23%	0.544%
23	11.199	1417	1423	1428	rBV3	221123	382462	19.57%	0.526%
24	11.293	1434	1439	1452	rVB2	259062	877007	44.87%	1.207%
25	11.417	1452	1460	1464	rVV5	382819	851822	43.59%	1.172%
26	11.464	1464	1468	1476	rVV2	533982	1185324	60.65%	1.631%
27	11.528	1476	1479	1483	rVV	194694	294783	15.08%	0.406%
28	11.581	1483	1488	1494	rVV	375938	693798	35.50%	0.955%
29	11.646	1494	1499	1506	rVV4	175293	453327	23.20%	0.624%
30	11.875	1532	1538	1544	rBV	832407	1446922	74.04%	1.991%
31	12.069	1565	1571	1574	rBV2	184620	378216	19.35%	0.520%
32	12.116	1575	1579	1589	rVB2	238998	585322	29.95%	0.805%
33	12.415	1625	1630	1638	rBV3	311012	663684	33.96%	0.913%
34	12.580	1652	1658	1669	rVB6	211123	611703	31.30%	0.842%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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	12.703	1673	1679	1682	rBV	761177	1278560	65.42%	1.759%
36	12.739	1683	1685	1689	rVB2	321757	434283	22.22%	0.598%
37	12.821	1696	1699	1703	rBV3	174228	285666	14.62%	0.393%
38	12.921	1711	1716	1722	rVB	606165	978513	50.07%	1.346%
39	13.009	1724	1731	1734	rBV	375908	742750	38.00%	1.022%
40	13.044	1734	1737	1741	rVV2	359154	560256	28.67%	0.771%
41	13.091	1741	1745	1759	rVB7	263970	587237	30.05%	0.808%
42	13.209	1759	1765	1770	rBV5	145141	265767	13.60%	0.366%
43	13.267	1770	1775	1780	rBV5	269715	522880	26.75%	0.719%
44	13.350	1784	1789	1792	rBV2	156400	240444	12.30%	0.331%
45	13.391	1794	1796	1801	rVB3	181154	240302	12.30%	0.331%
46	13.555	1816	1824	1827	rBV5	269763	606053	31.01%	0.834%
47	13.637	1833	1838	1844	rVB3	526177	816781	41.79%	1.124%
48	13.808	1860	1867	1876	rBV4	175729	698281	35.73%	0.961%
49	13.890	1876	1881	1889	rVV4	256751	676581	34.62%	0.931%
50	14.037	1896	1906	1917	rVB7	375791	1227947	62.83%	1.690%
51	14.178	1919	1930	1935	rBV2	458971	1068110	54.65%	1.470%
52	14.243	1935	1941	1946	rVV2	811210	1915539	98.01%	2.636%
53	14.296	1946	1950	1955	rVB2	449490	677364	34.66%	0.932%
54	14.413	1966	1970	1974	rBV2	140818	191643	9.81%	0.264%
55	14.495	1981	1984	1987	rVB2	222547	262764	13.44%	0.362%
56	14.560	1987	1995	2002	rBV4	733198	1655813	84.72%	2.278%
57	14.630	2003	2007	2011	rVB3	275207	354374	18.13%	0.488%
58	14.701	2014	2019	2025	rVB	771027	962354	49.24%	1.324%
59	14.813	2033	2038	2042	rBV2	563779	897403	45.92%	1.235%
60	14.860	2042	2046	2050	rVV	826531	1455916	74.50%	2.003%
61	14.895	2050	2052	2068	rVB6	477060	839746	42.97%	1.155%
62	15.077	2074	2083	2089	rBV5	484920	1101559	56.36%	1.516%
63	15.147	2089	2095	2100	rVV2	445450	712410	36.45%	0.980%
64	15.241	2108	2111	2119	rVB4	169658	305285	15.62%	0.420%
65	15.359	2128	2131	2136	rVB	186716	263904	13.50%	0.363%
66	15.459	2144	2148	2153	rBV3	169658	306454	15.68%	0.422%
67	15.512	2153	2157	2166	rVV5	361718	790135	40.43%	1.087%
68	15.588	2166	2170	2172	rVV	435092	676757	34.63%	0.931%
69	15.612	2172	2174	2177	rVV	529635	739526	37.84%	1.018%
70	15.647	2177	2180	2191	rVB	1112633	1756563	89.88%	2.417%
71	15.847	2209	2214	2218	rVV	838456	1334529	68.28%	1.836%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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	15.882	2218	2220	2230	rVB4	378434	674271	34.50%	0.928%
73	15.970	2231	2235	2240	rBV3	373267	526178	26.92%	0.724%
74	16.452	2310	2317	2322	rVB3	507610	909904	46.56%	1.252%
75	16.505	2322	2326	2330	rBV	1175974	1586858	81.20%	2.184%
76	16.540	2331	2332	2339	rVB2	282638	373670	19.12%	0.514%
77	16.728	2359	2364	2373	rVB4	447288	699668	35.80%	0.963%
78	16.810	2374	2378	2385	rVB2	353917	482943	24.71%	0.665%
79	16.887	2386	2391	2398	rVB5	82421	193395	9.90%	0.266%
80	17.128	2428	2432	2439	rVB5	108646	199430	10.20%	0.274%
81	17.251	2449	2453	2457	rBV2	332649	479935	24.56%	0.660%
82	17.298	2457	2461	2472	rVB	1008533	1527066	78.14%	2.101%
83	17.439	2480	2485	2490	rVB3	112159	187397	9.59%	0.258%
84	17.603	2506	2513	2523	rVB	1021442	1608431	82.30%	2.213%
85	17.703	2523	2530	2538	rVB	899196	1450223	74.20%	1.996%
86	17.991	2574	2579	2582	rBV	268227	382546	19.57%	0.526%
87	18.032	2582	2586	2598	rVB	894967	1366662	69.93%	1.881%
88	18.685	2692	2697	2700	rBV2	306592	391528	20.03%	0.539%
89	18.720	2700	2703	2720	rVB	771886	1067516	54.62%	1.469%
90	19.307	2799	2803	2806	rBV2	194697	257056	13.15%	0.354%
91	19.343	2806	2809	2817	rVB	614056	773233	39.56%	1.064%
92	19.889	2897	2902	2903	rBV	285743	319967	16.37%	0.440%
93	19.912	2903	2906	2911	rVB	474176	542384	27.75%	0.746%
94	19.971	2911	2916	2923	rBV	1217461	1784181	91.29%	2.455%
95	20.441	2988	2996	3003	rVB3	417770	733164	37.51%	1.009%
96	20.917	3073	3077	3079	rBV	241065	338507	17.32%	0.466%
97	21.458	3165	3169	3182	rVB3	175530	393559	20.14%	0.542%
98	21.892	3236	3243	3253	rVB	1136774	1954364	100.00%	2.689%
99	25.071	3775	3784	3796	rVB2	601506	1767423	90.43%	2.432%
100	25.312	3815	3825	3837	rVB2	638689	1851383	94.73%	2.548%

Sum of corrected areas: 72674021

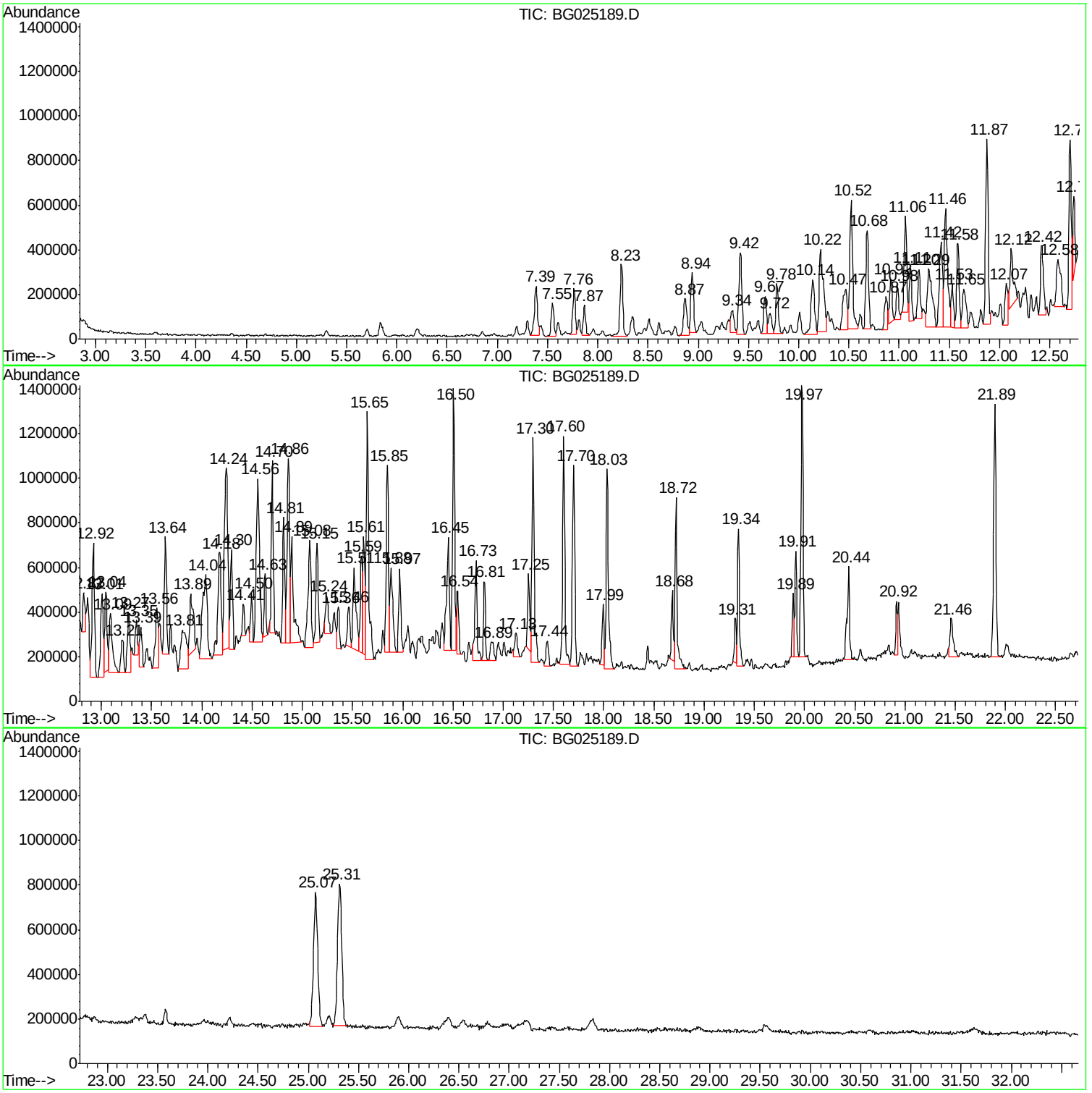
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

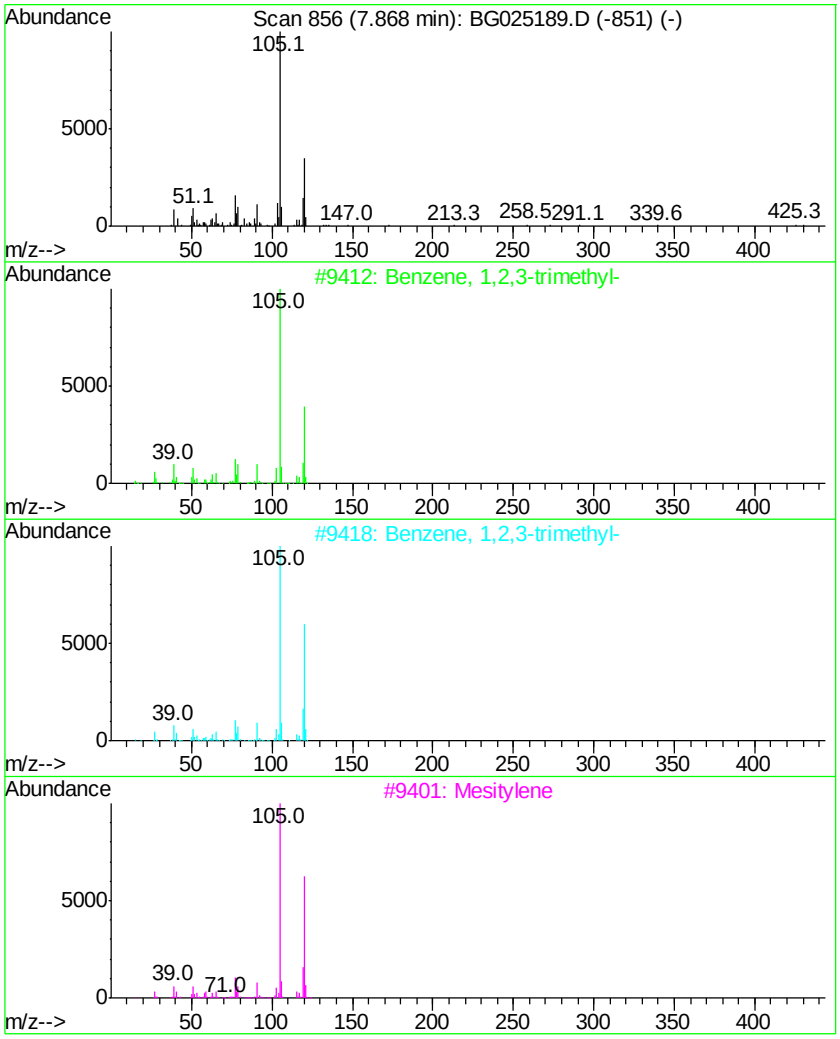
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

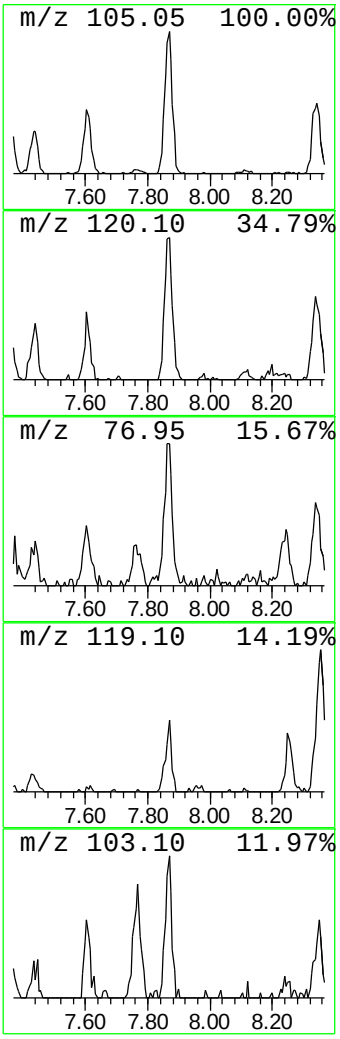
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.58 ng/ul	241976	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

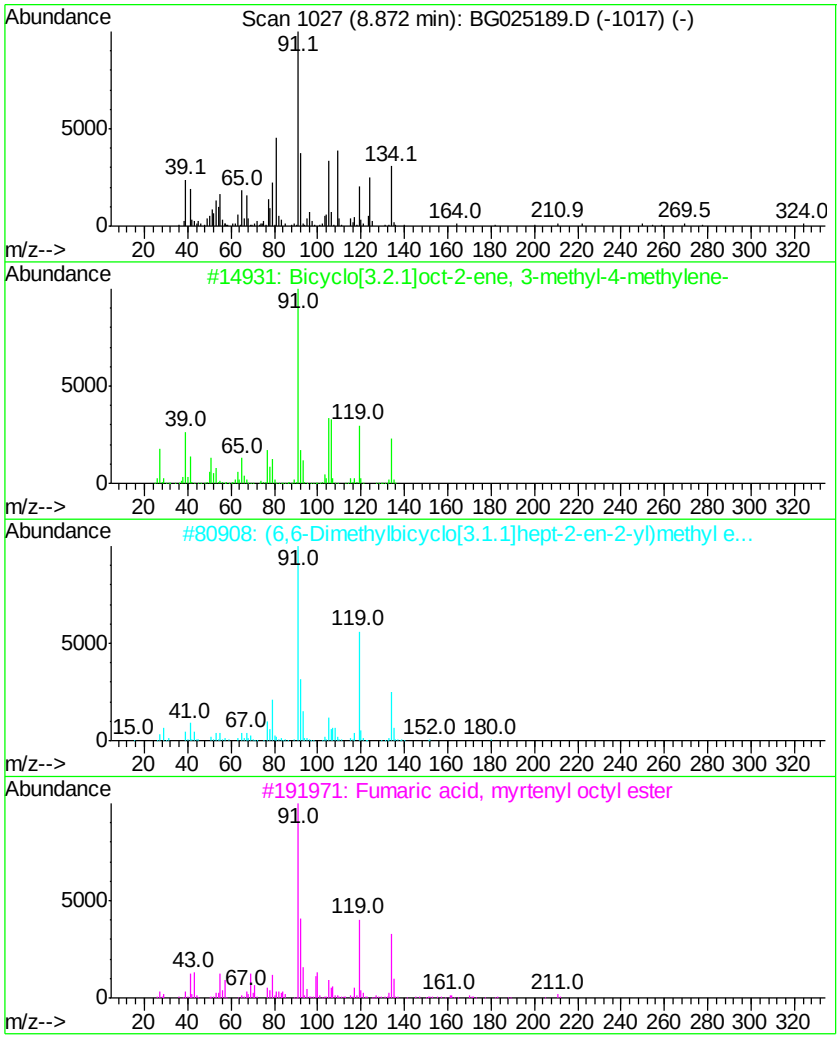
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

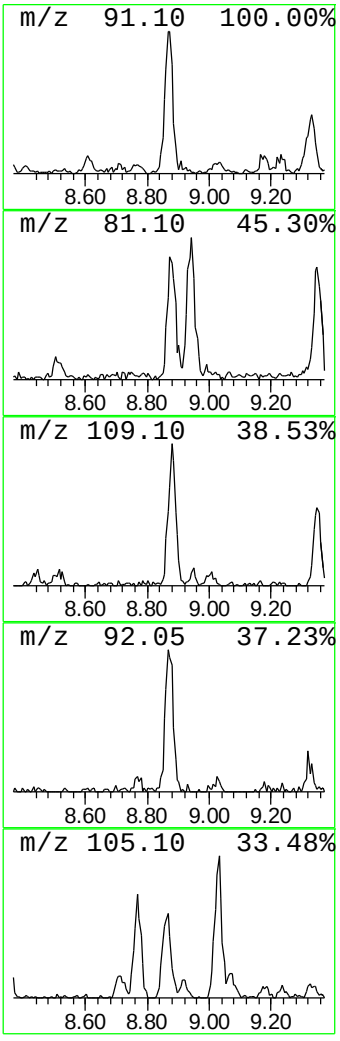
****

Peak Number 2 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	12.42 ng/ul	396430	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	49
2	(6,6-Dimethylbicyclo[3.1.1]hept-...	224	C13H20O3	1000373-80-4	47
3	Fumaric acid, myrtenyl octyl ester	362	C22H34O4	1000348-81-7	43
4	Fumaric acid, isohexyl myrtenyl ...	334	C20H30O4	1000348-81-4	43
5	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

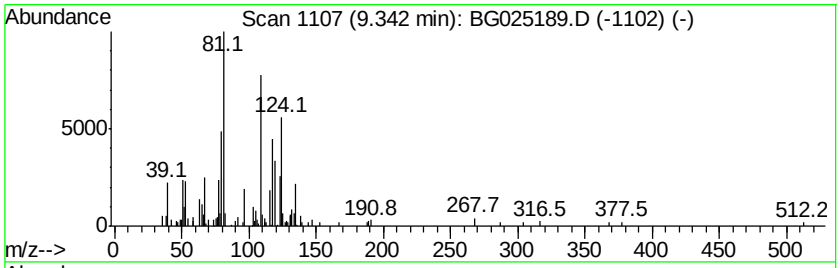
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

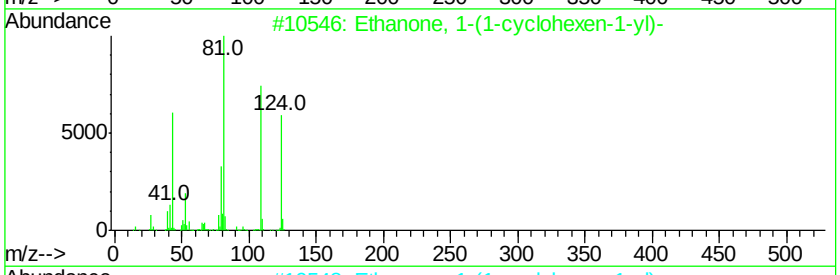
****

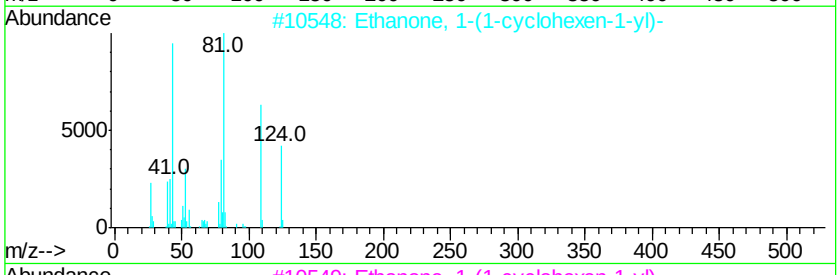
Peak Number 3 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 46

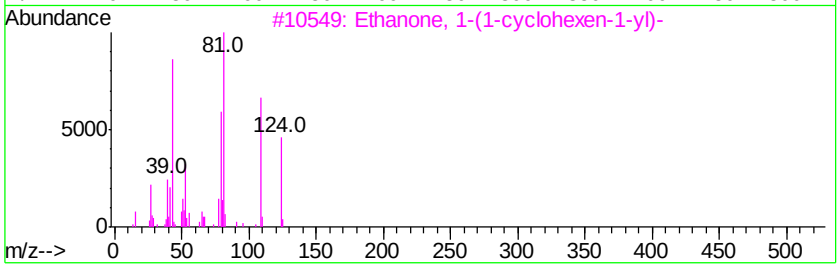
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	7.44 ng/ul	237569	1,4-Dichlorobenzene-d4	8.23

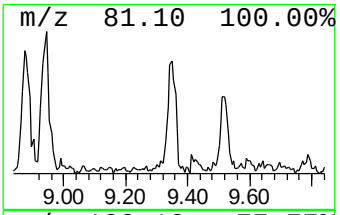
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	58
2	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	53
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	53
4	3-Hexyne-2,5-diol, 2,5-dimethyl-	142	C8H14O2	000142-30-3	43
5	3-Fluoro-o-xylene	124	C8H9F	000443-82-3	30

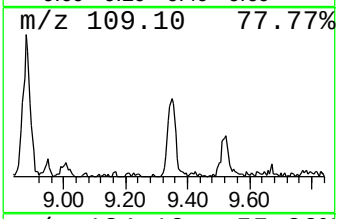


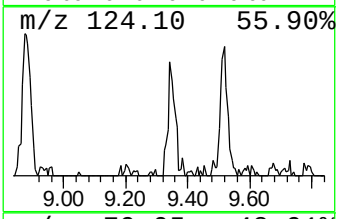


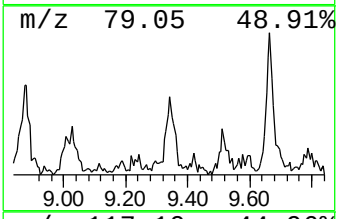


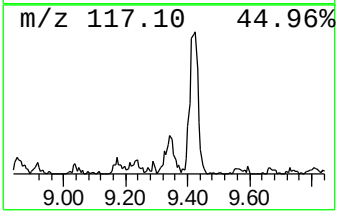












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

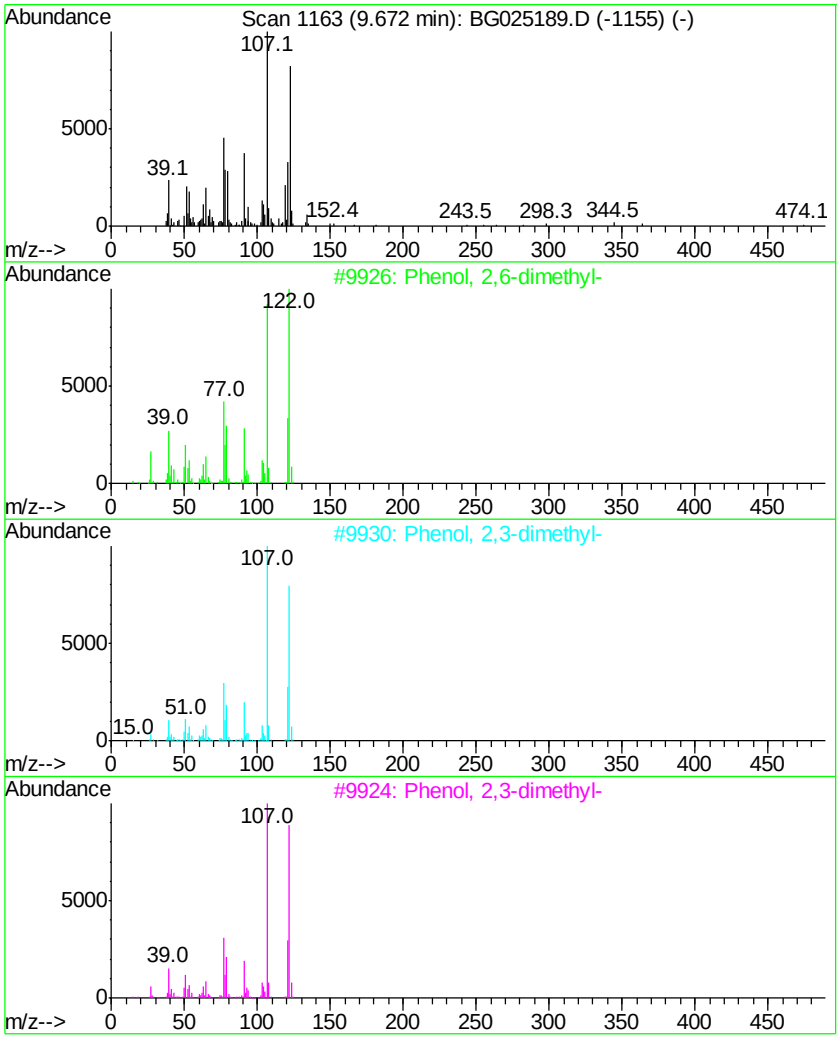
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

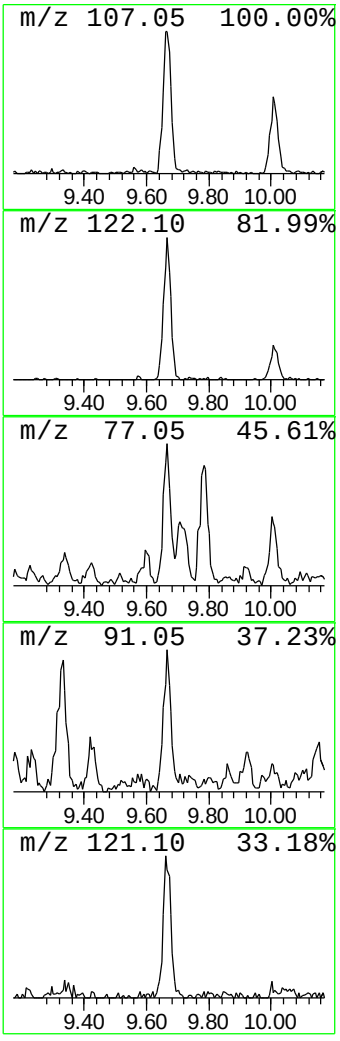
****

Peak Number 4 Phenol, 2,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	8.67 ng/ul	312077	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

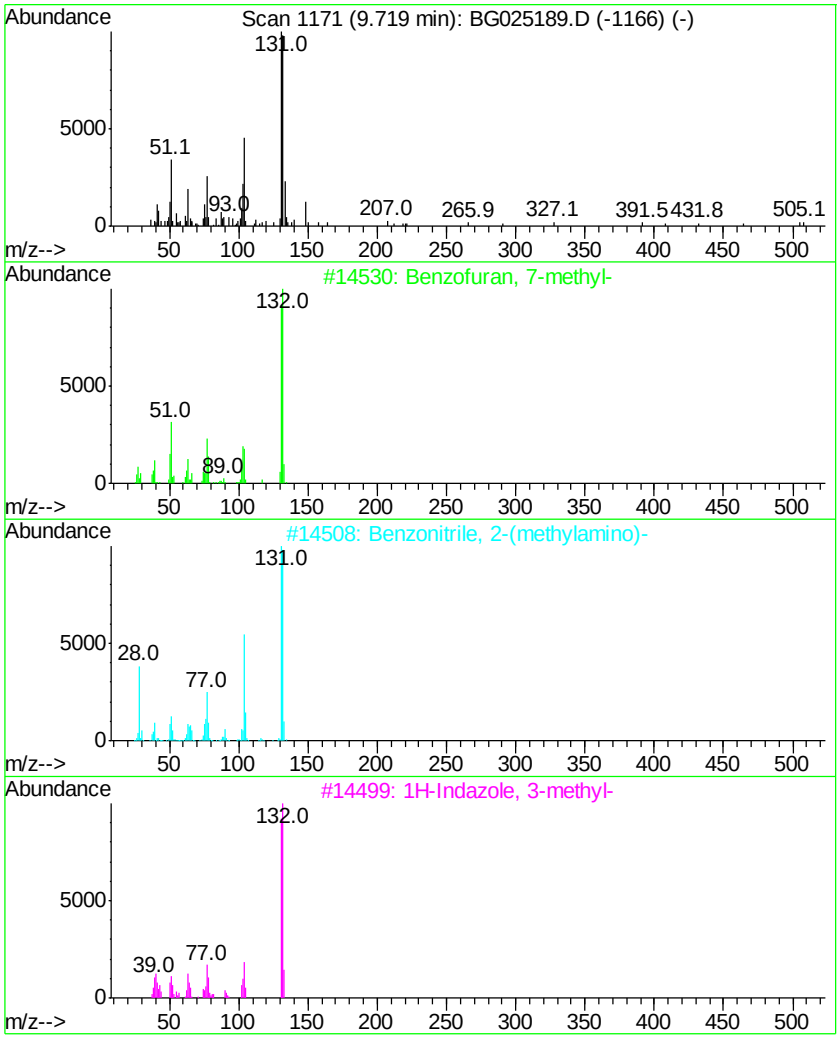
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

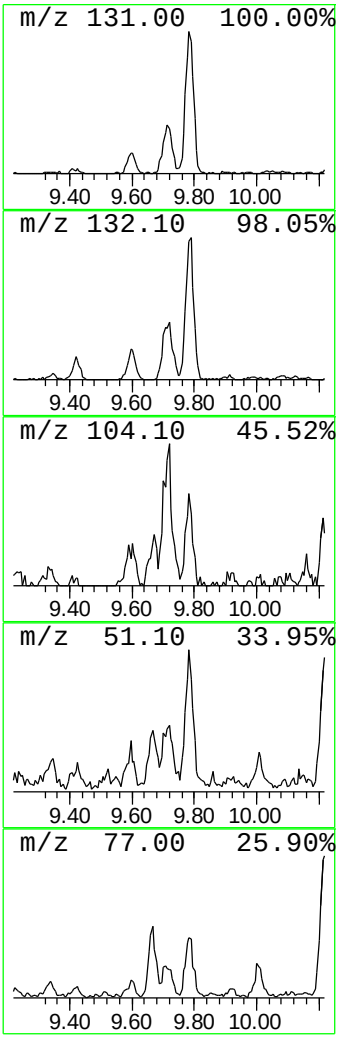
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	6.02 ng/ul	216763	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	76
2	Benzonitrile, 2-(methylamino)-	132	C8H8N2	017583-40-3	72
3	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	64
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

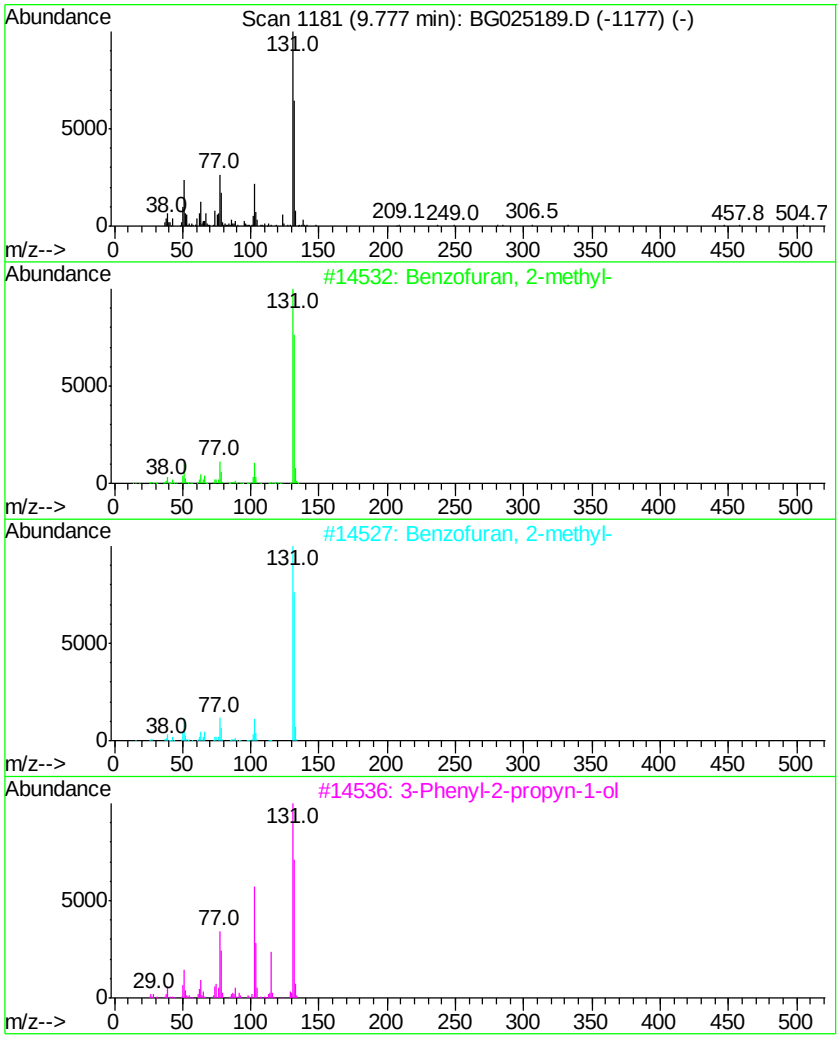
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

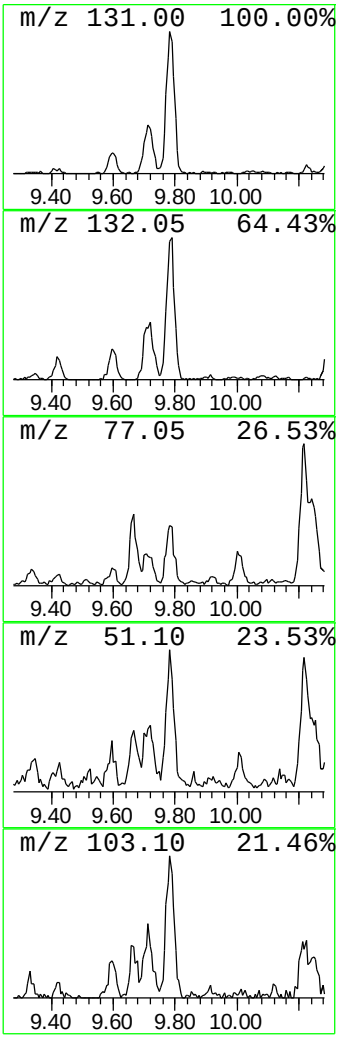
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	11.31 ng/ul	407014	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

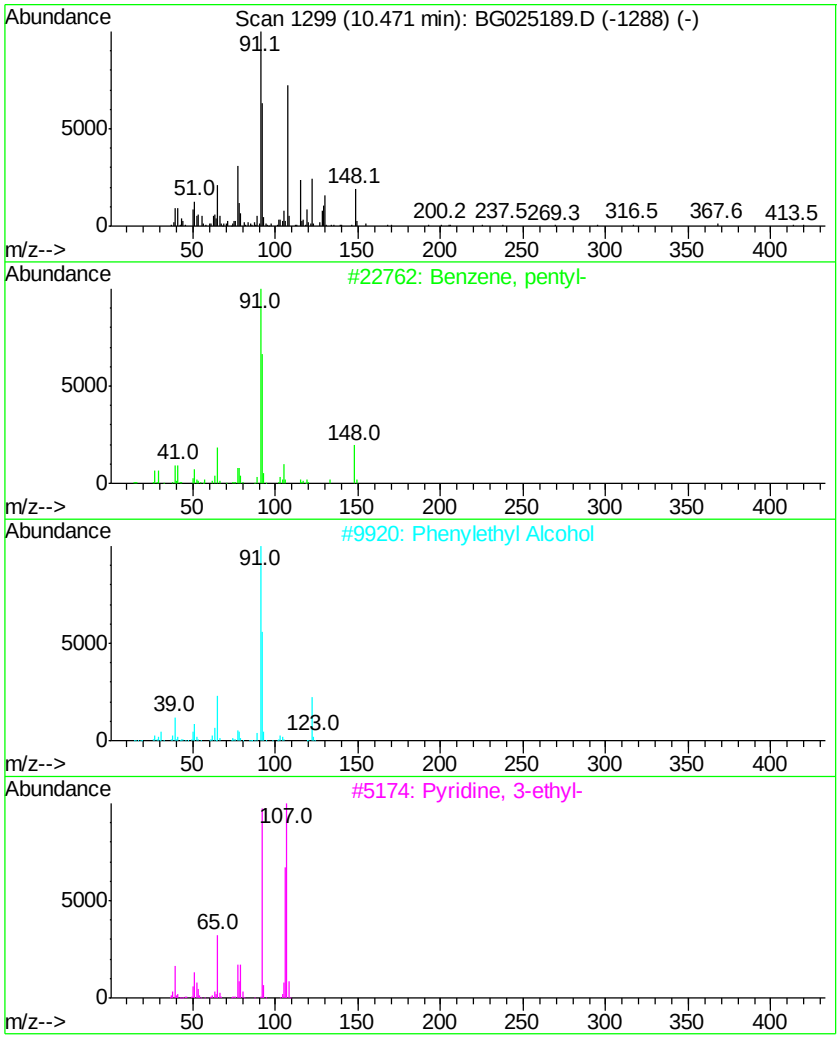
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

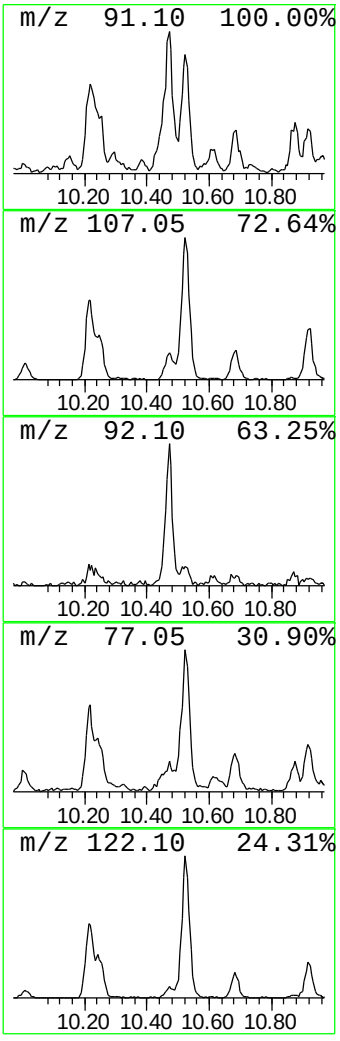
****

Peak Number 7 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	15.34 ng/ul	552280	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	46
2	Phenylethyl Alcohol	122	C8H10O	000060-12-8	46
3	Pyridine, 3-ethyl-	107	C7H9N	000536-78-7	43
4	Phenylethyl Alcohol	122	C8H10O	000060-12-8	38
5	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

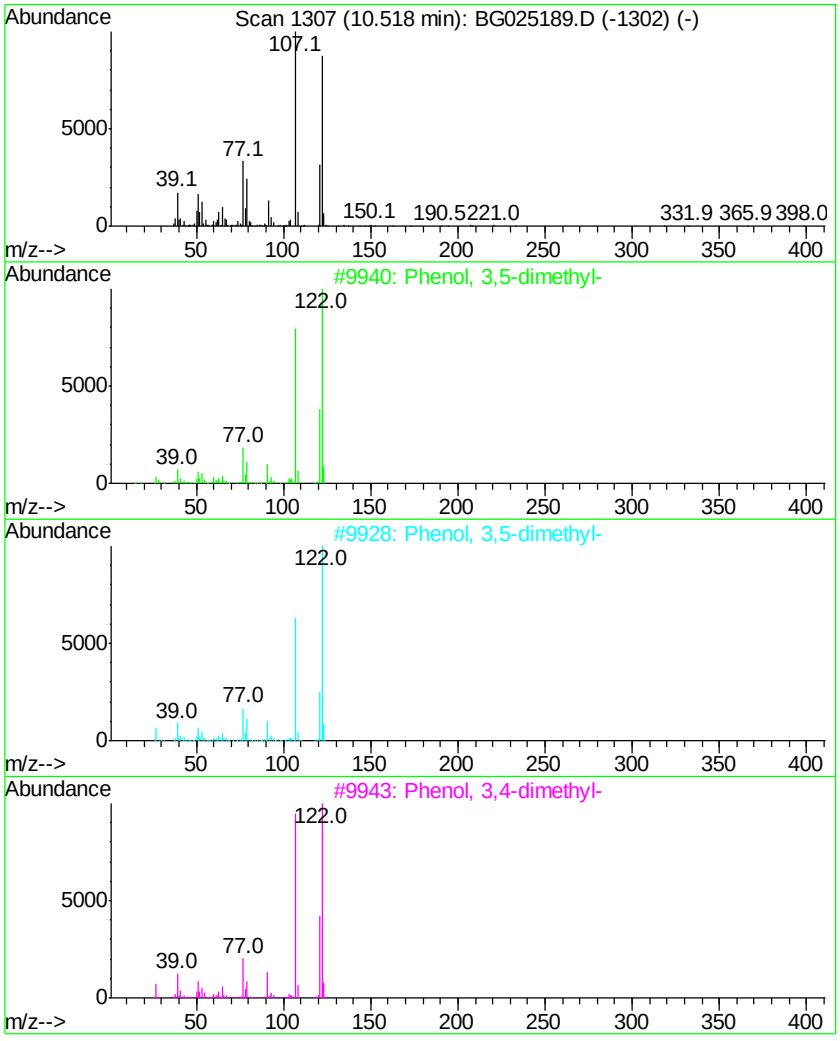
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

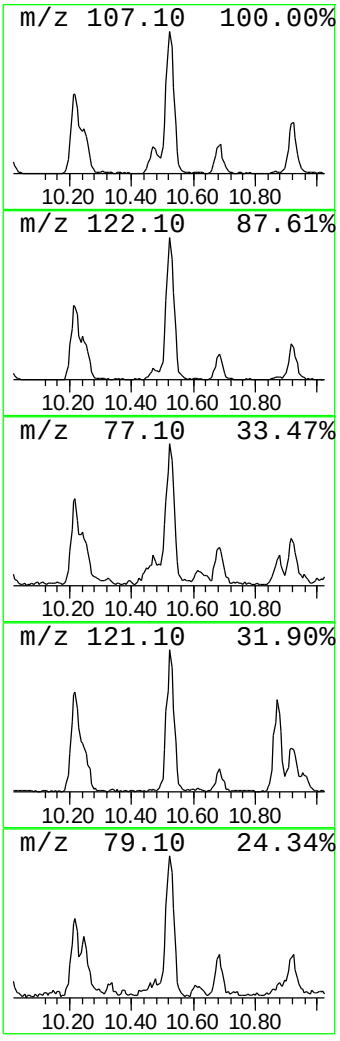
****

Peak Number 8 Phenol, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	32.23 ng/ul	1160160	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

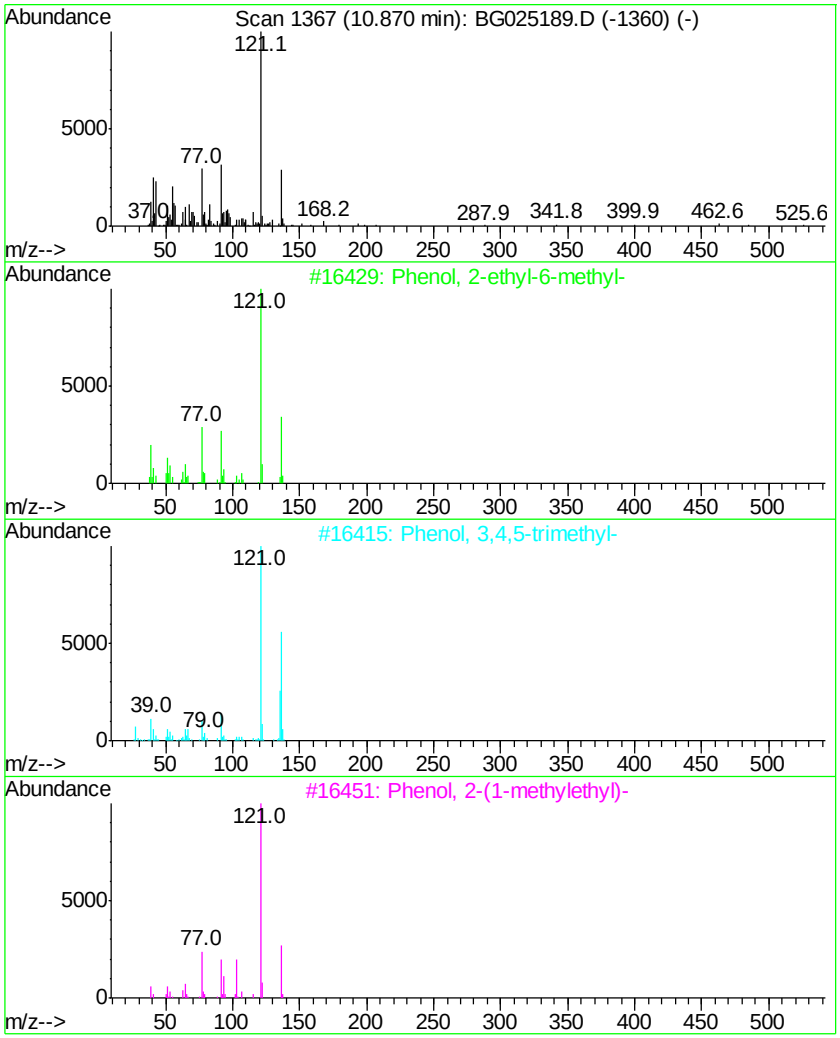
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

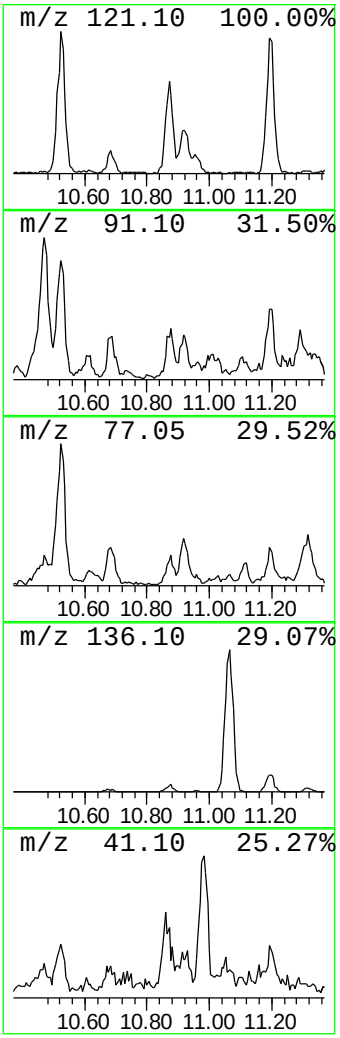
****

Peak Number 9 Phenol, 2-ethyl-6-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	8.29 ng/ul	298558	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	80
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	80
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	72
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

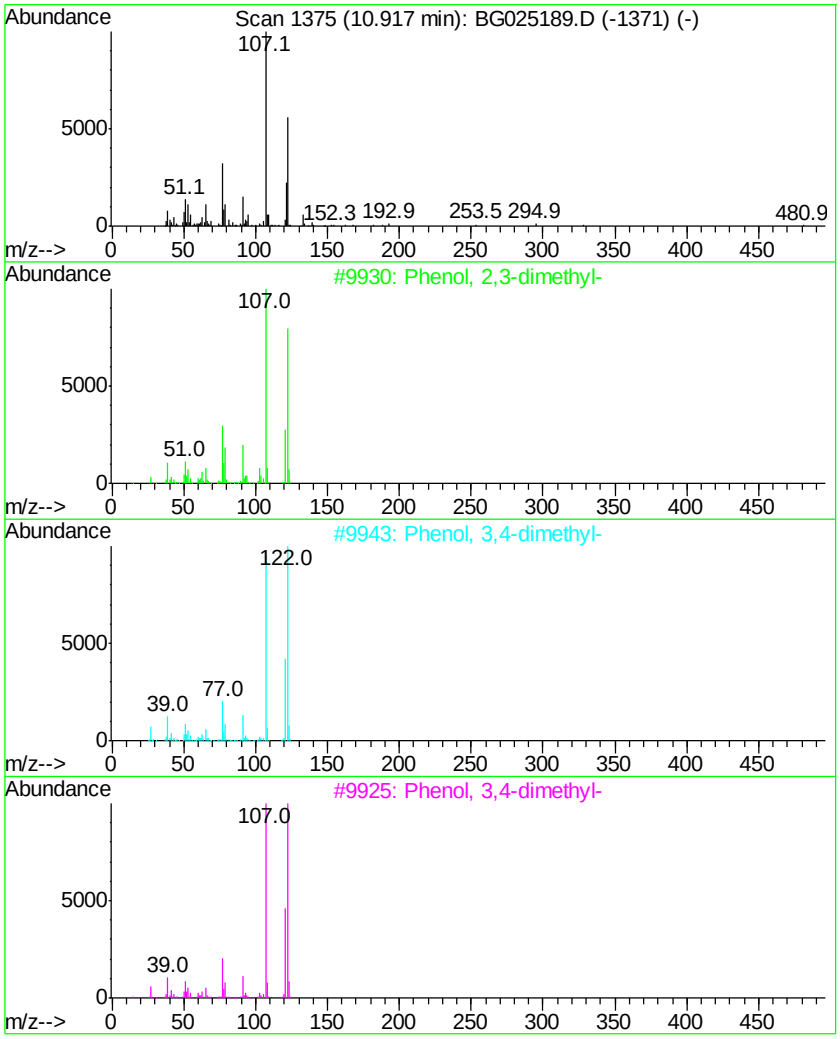
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

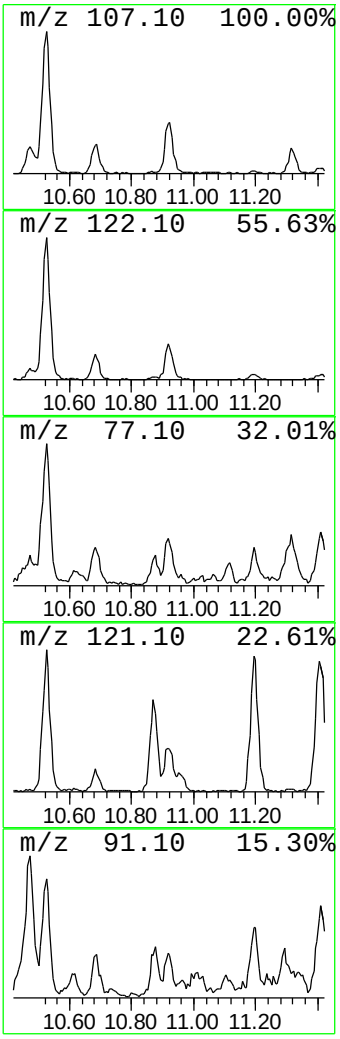
****

Peak Number 10 Phenol, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	9.59 ng/ul	345194	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	83
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	83
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	83
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

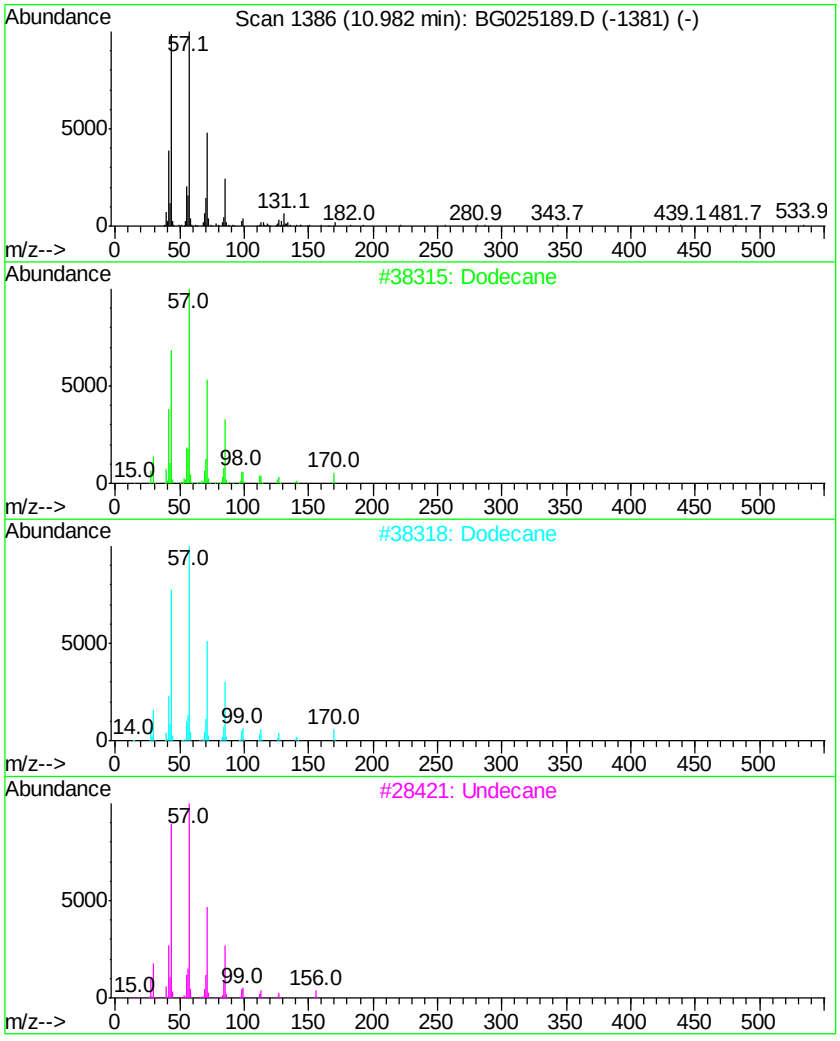
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

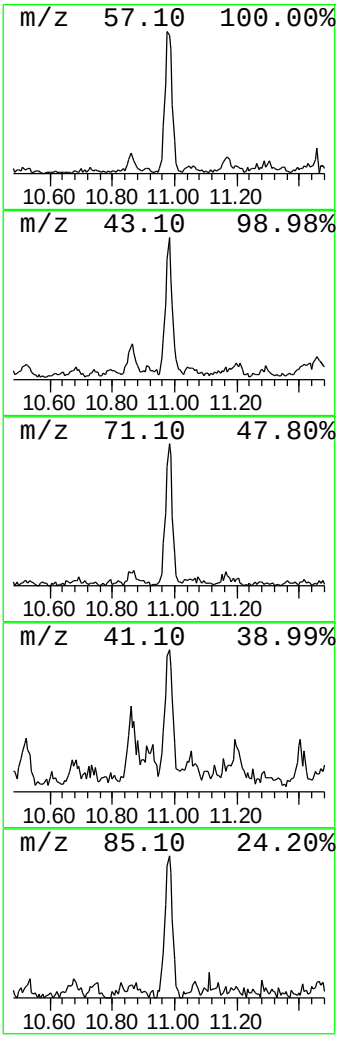
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	7.57 ng/ul	272548	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Dodecane	170	C12H26	000112-40-3	83
3	Undecane	156	C11H24	001120-21-4	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

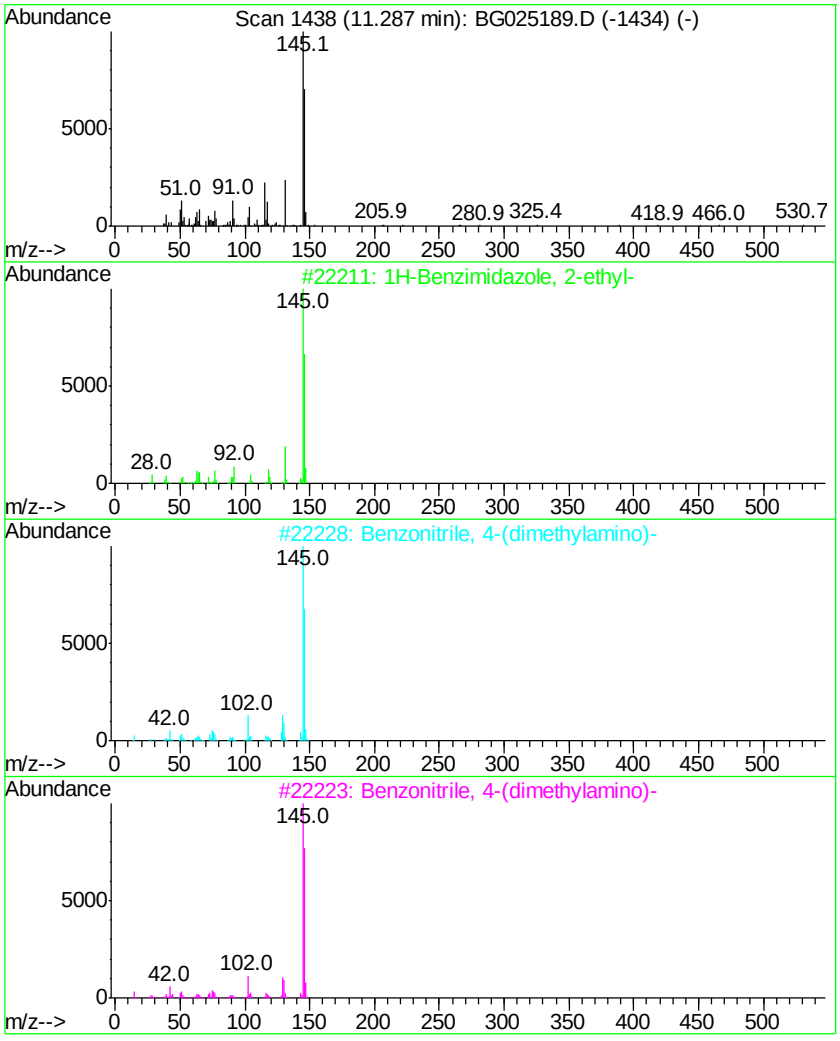
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

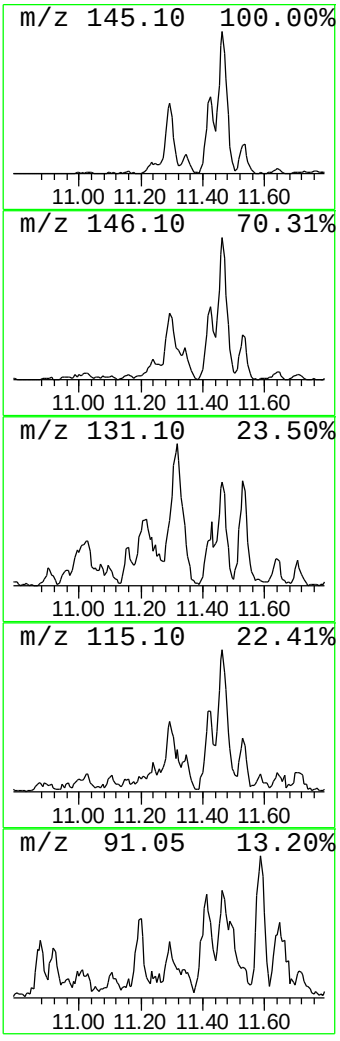
****

Peak Number 12 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	24.37 ng/ul	877007	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	47
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

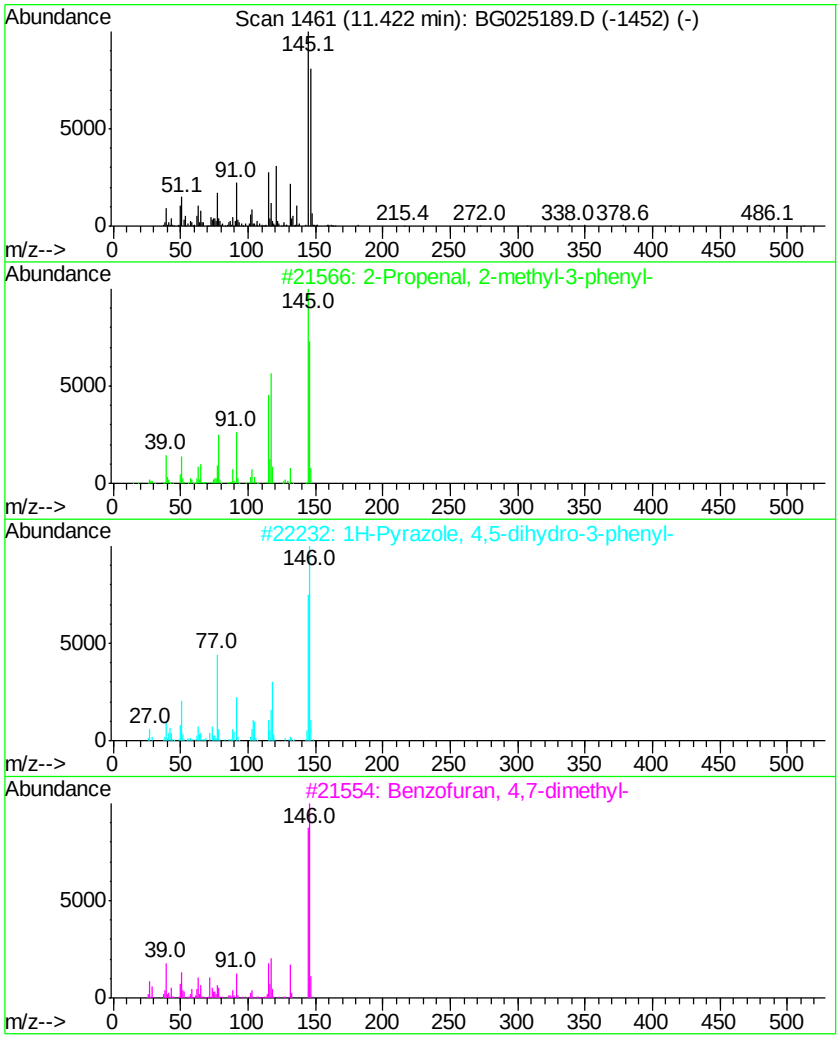
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

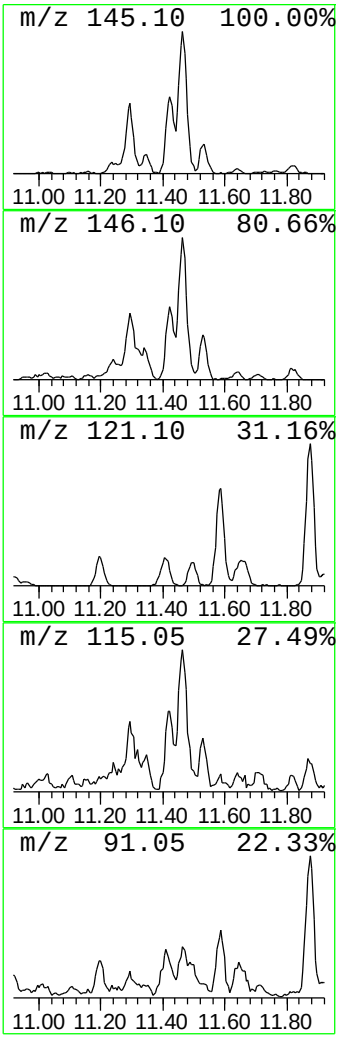
****

Peak Number 13 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	23.67 ng/ul	851822	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	52
2	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	47
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	46
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	46
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

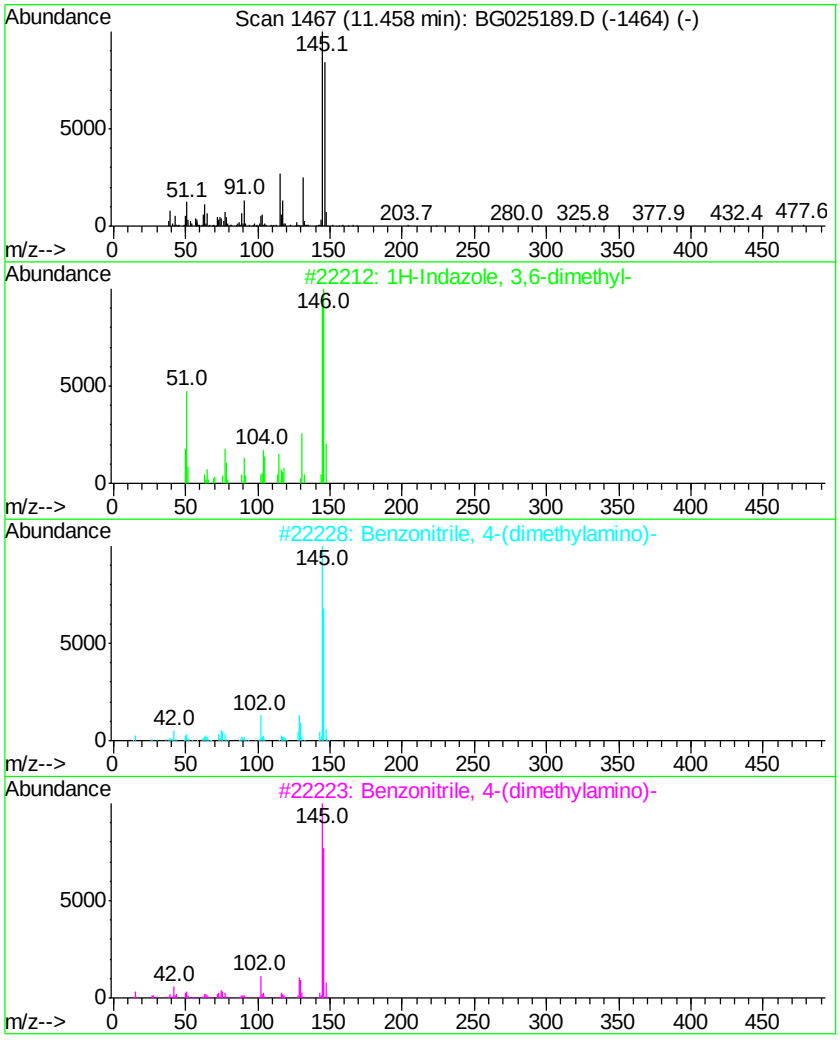
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

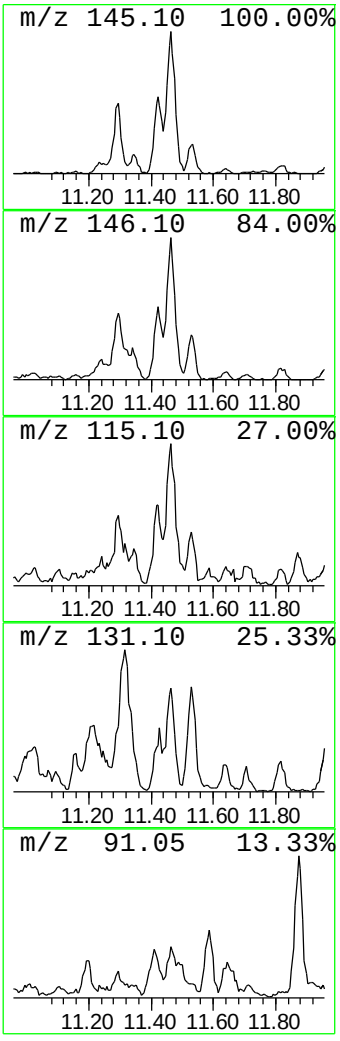
****

Peak Number 14 1H-Indazole, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	32.93 ng/ul	1185320	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	42
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	40
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

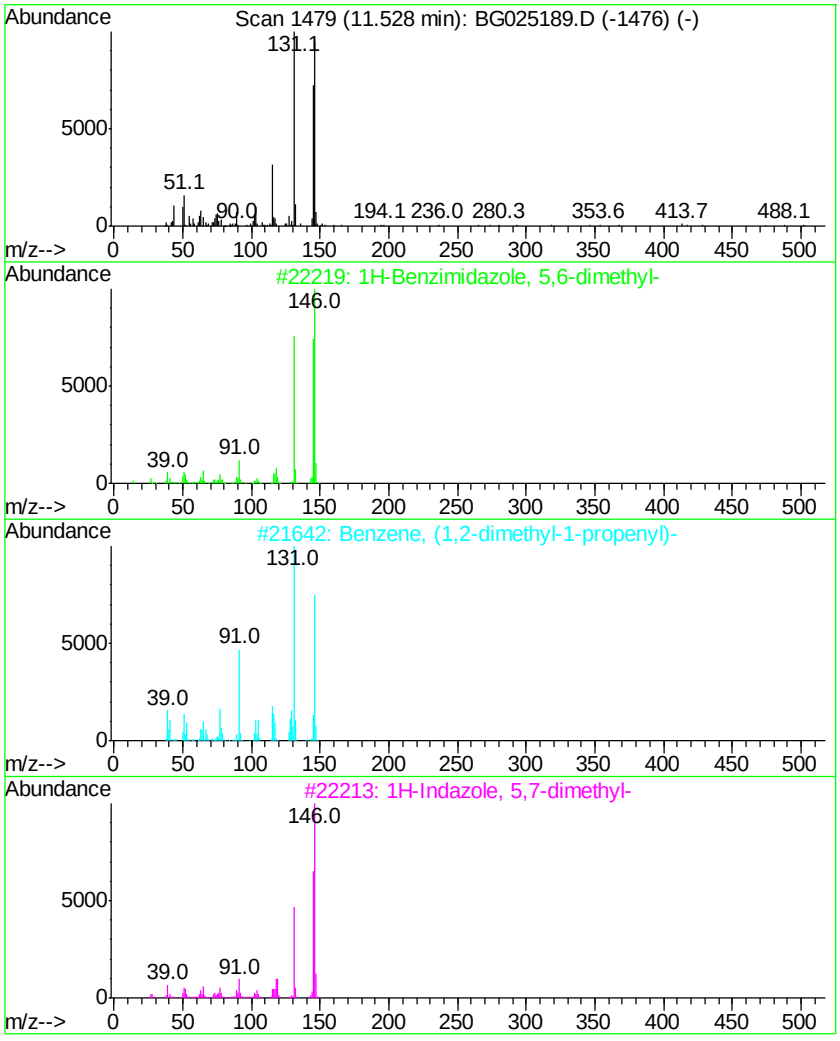
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

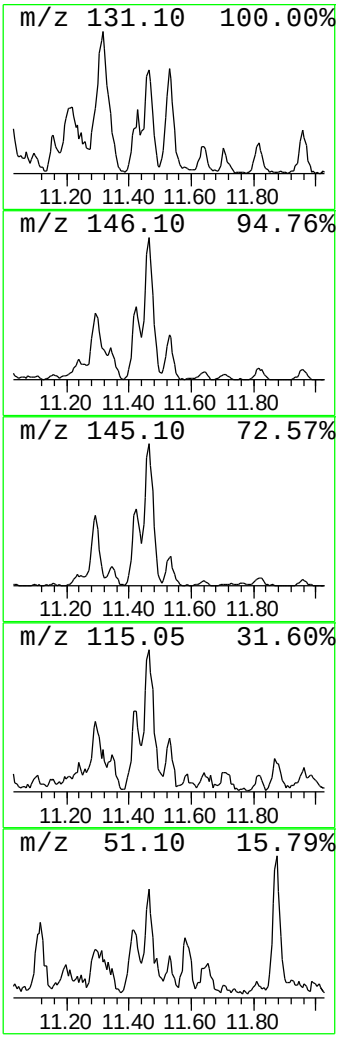
****

Peak Number 15 1H-Benzimidazole, 5,6-dimet... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.19 ng/ul	294783	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	64
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

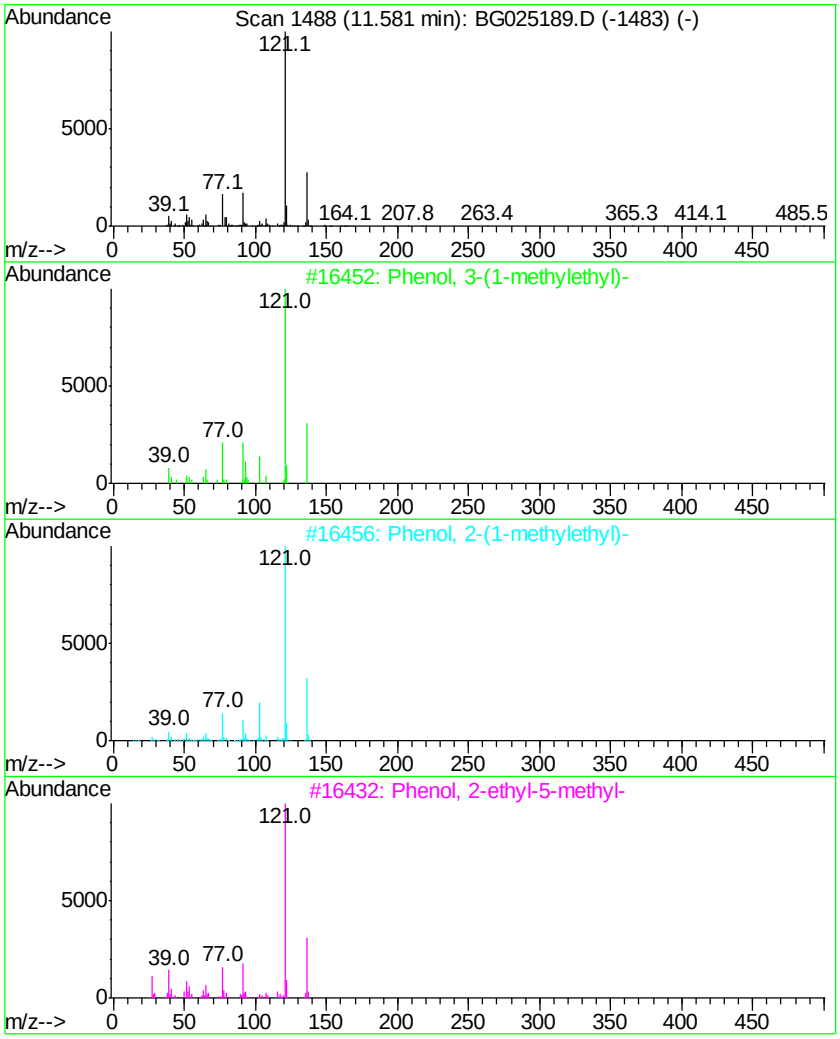
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

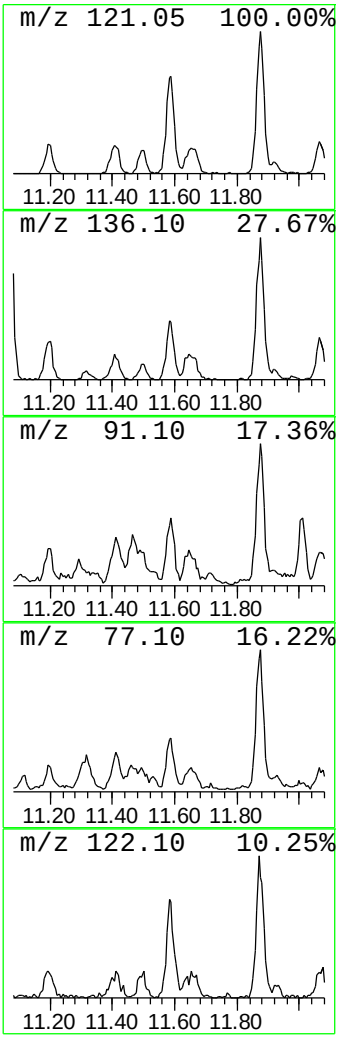
****

Peak Number 16 Phenol, 3-(1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	19.28 ng/ul	693798	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

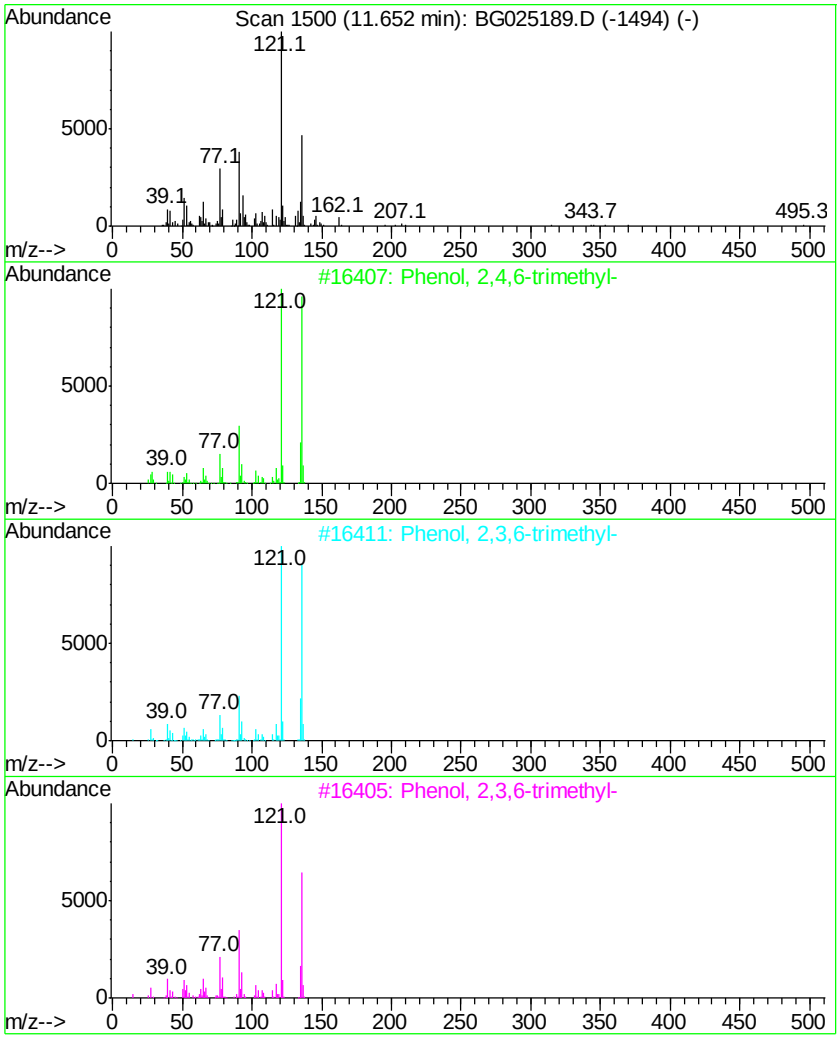
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

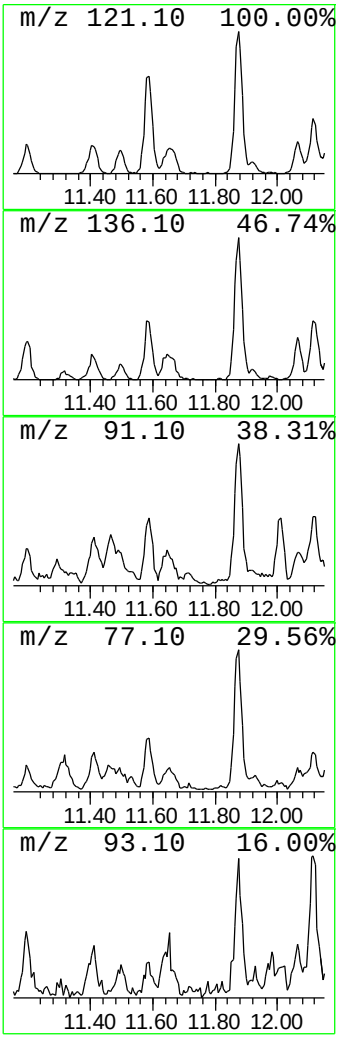
****

Peak Number 17 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	12.60 ng/ul	453327	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	76
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	70
4	2,5-Dimethylanisole	136	C9H12O	001706-11-2	64
5	Phenol, 3-(1-methylethyl)-, meth...	193	C11H15NO2	000064-00-6	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

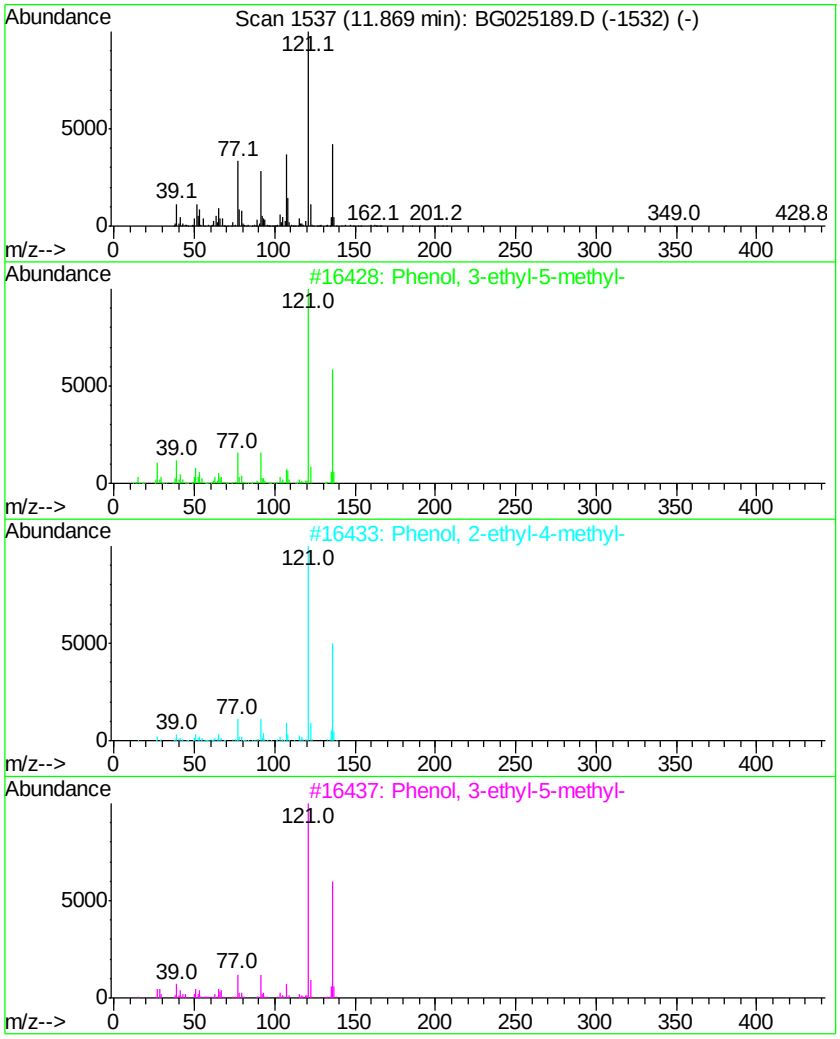
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

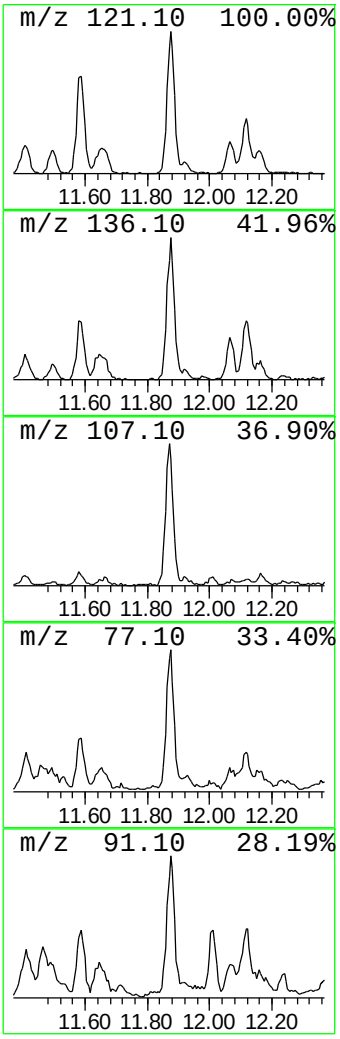
****

Peak Number 18 Phenol, 3-ethyl-5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	40.20 ng/ul	1446920	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	80
3	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	80
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	74
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

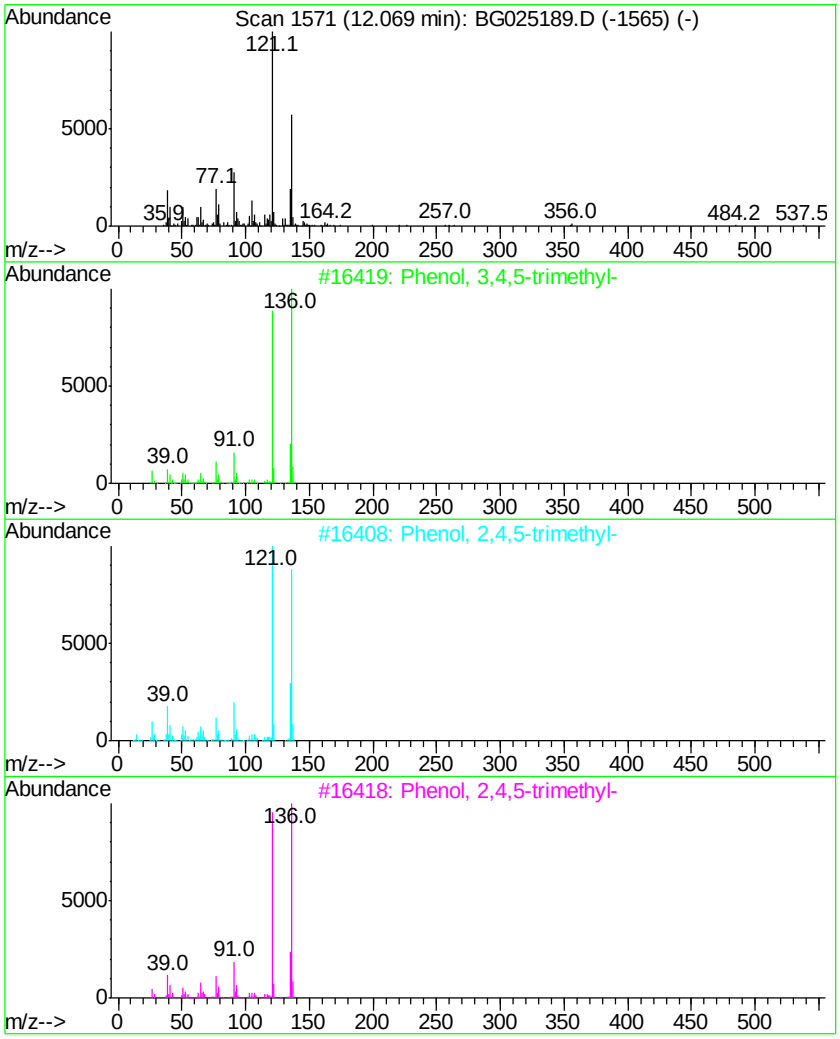
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

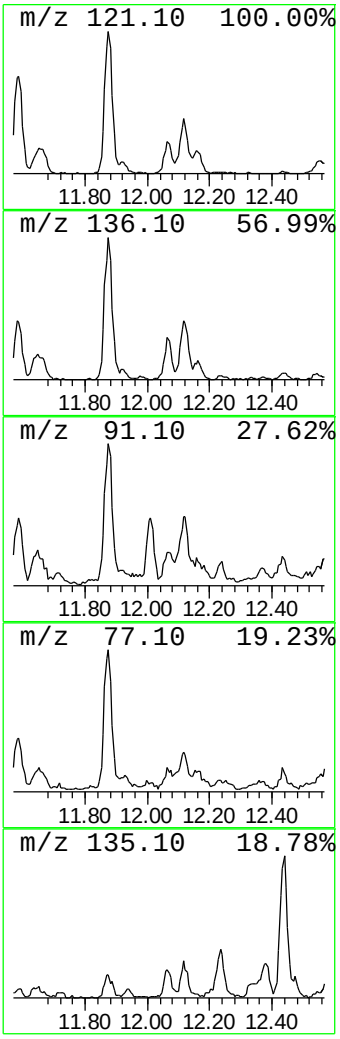
****

Peak Number 19 Phenol, 3,4,5-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	10.51 ng/ul	378216	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	90
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	87
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

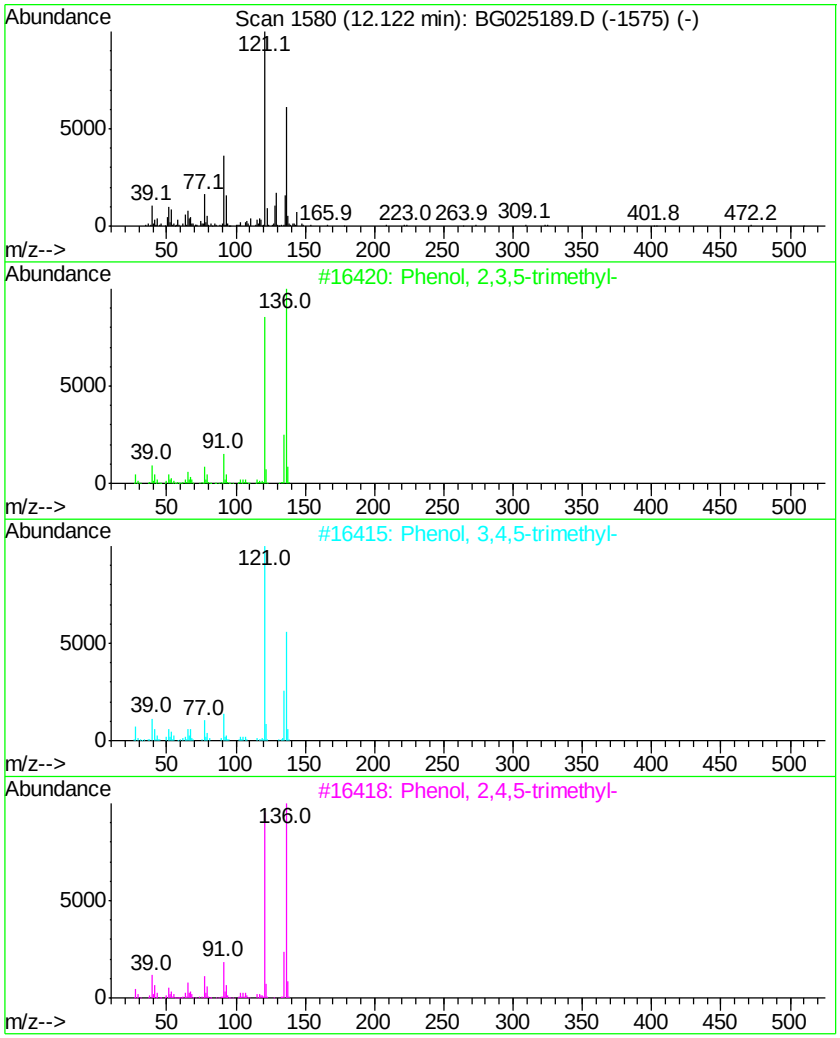
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

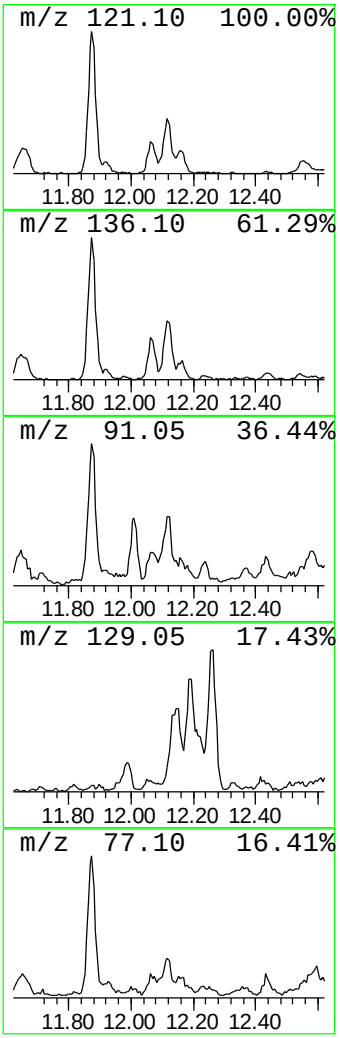
****

Peak Number 20 Phenol, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	16.26 ng/ul	585322	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	87
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
5	3,4-Dimethylanisole	136	C9H12O	004685-47-6	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

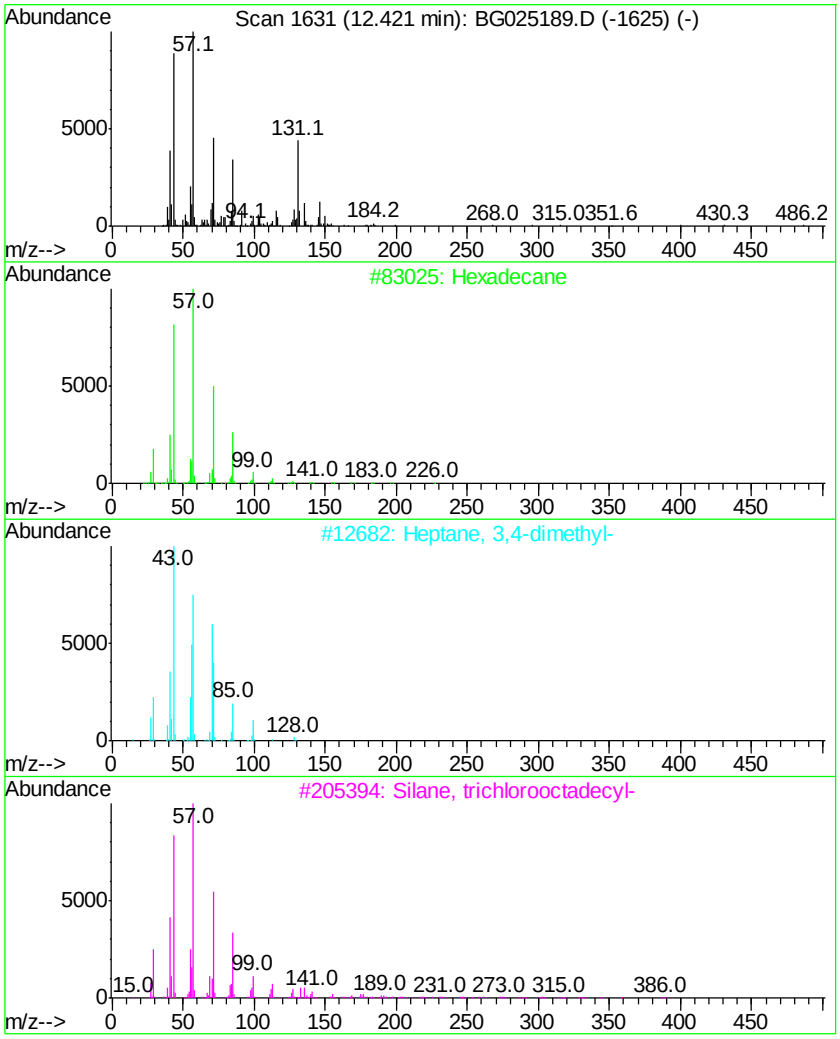
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

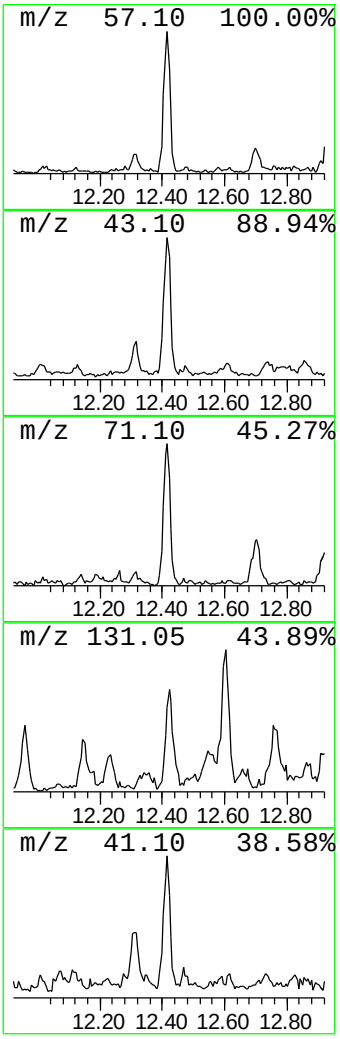
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.44 ng/ul	663684	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	58
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	58
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	58
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	50
5	Undecane	156	C11H24	001120-21-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

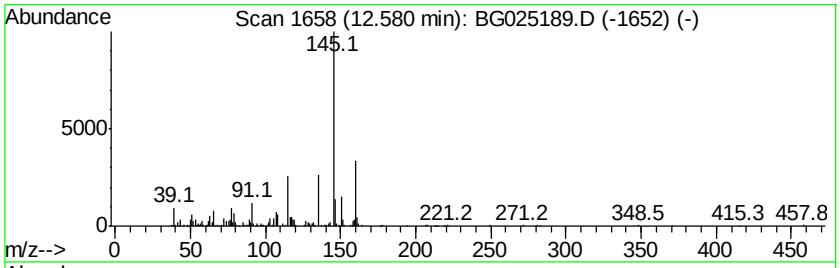
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

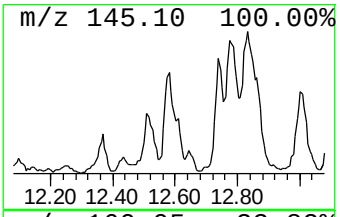
****

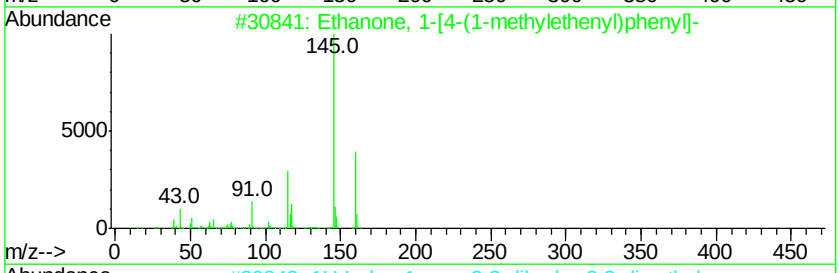
Peak Number 22 Ethanone, 1-[4-(1-methyleth... Concentration Rank 12

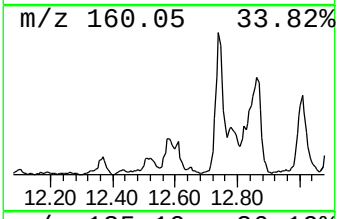
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	17.00 ng/ul	611703	Naphthalene-d8	11.06

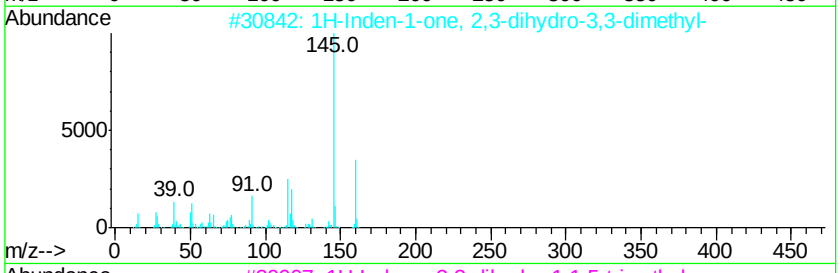
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	68
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	59
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	58
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	58
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	52

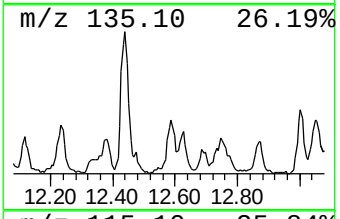


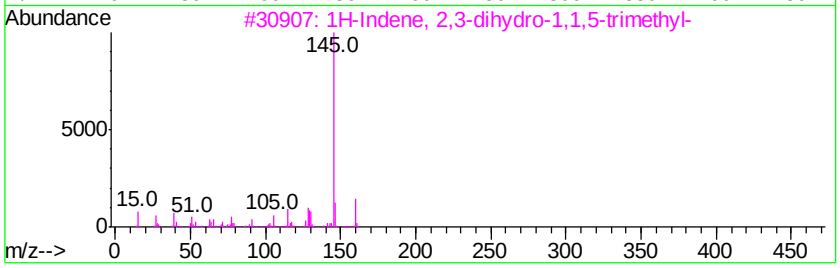


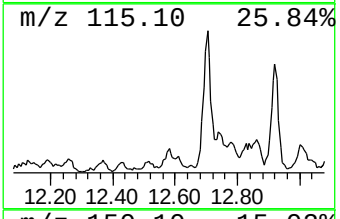


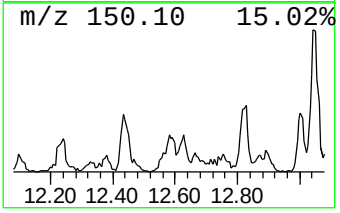












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

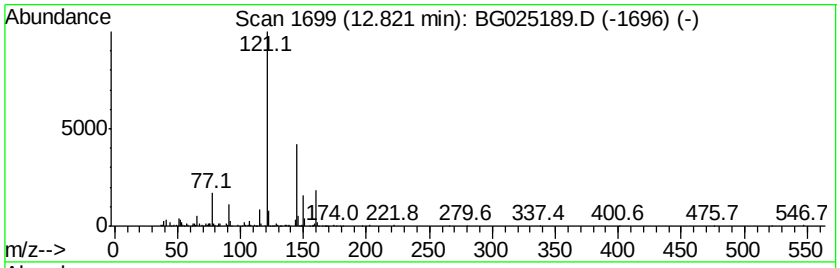
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

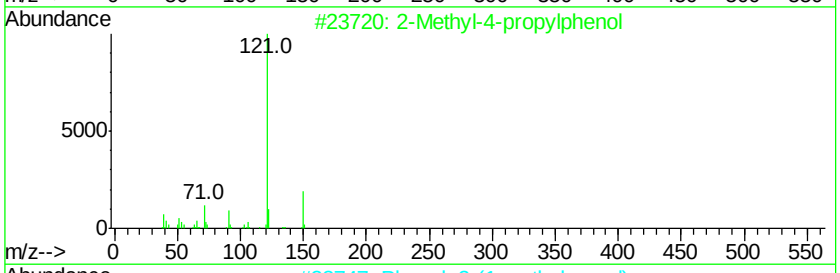
****

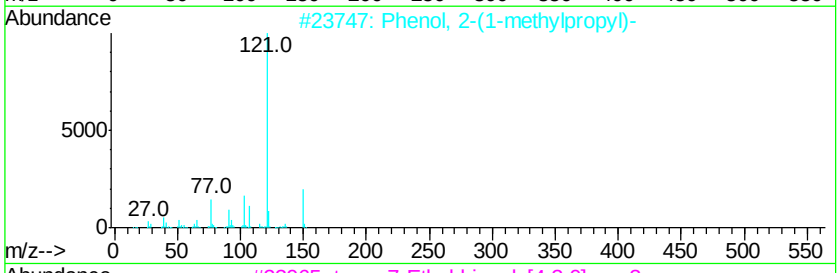
Peak Number 23 unknown-03 Concentration Rank 41

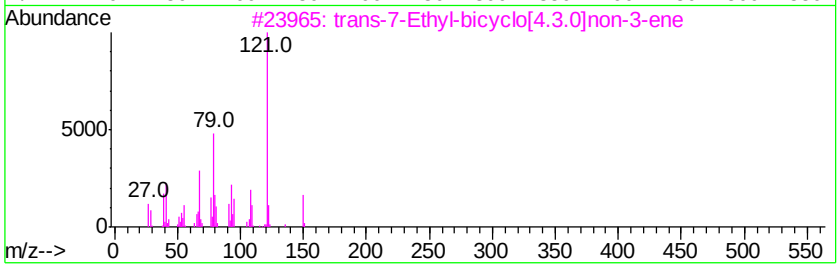
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	7.94 ng/ul	285666	Naphthalene-d8	11.06

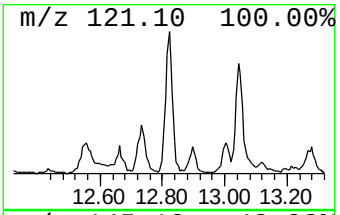
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	49
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
3	trans-7-Ethyl-bicyclo[4.3.0]non-...	150	C11H18	1000145-84-7	47
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	47
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	47

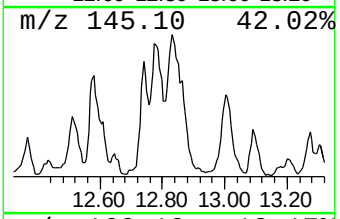


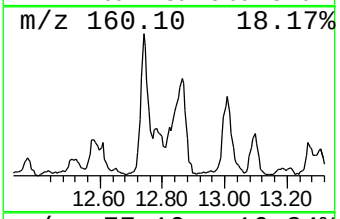


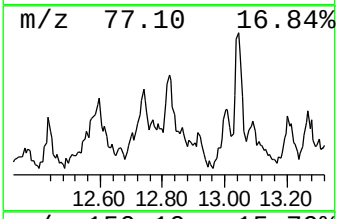


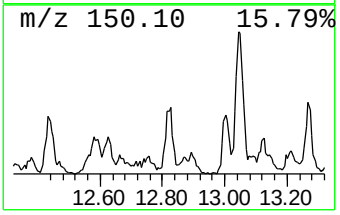












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

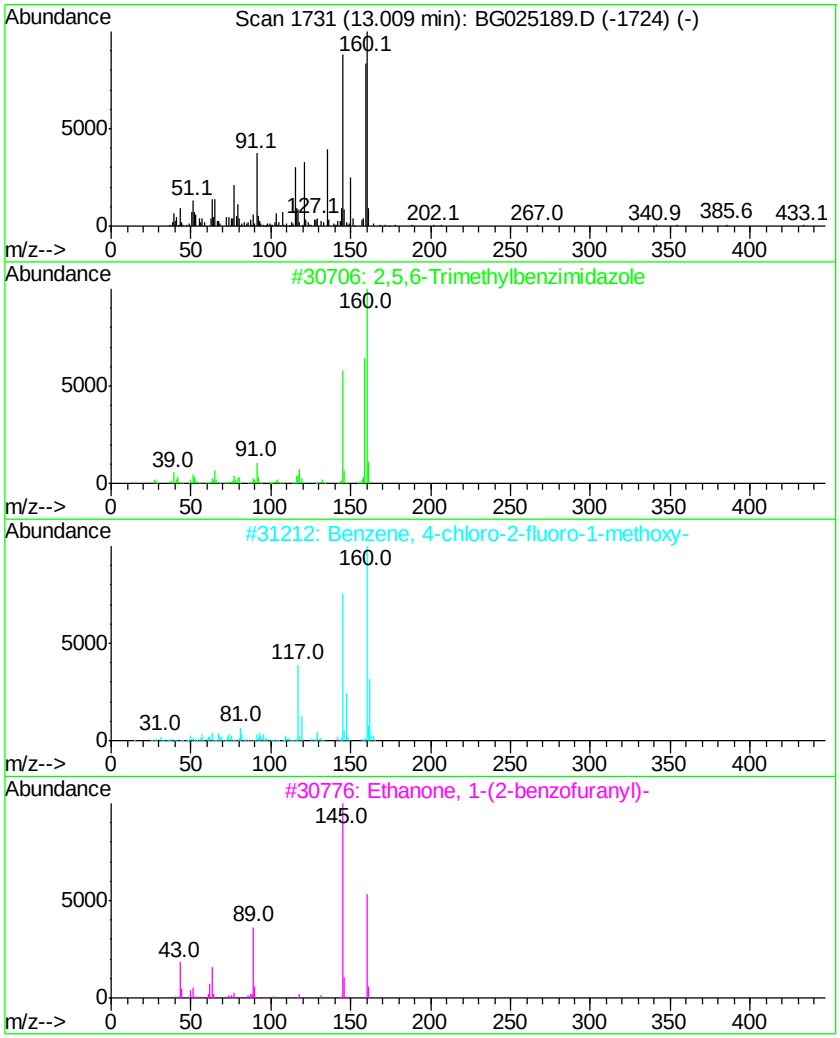
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

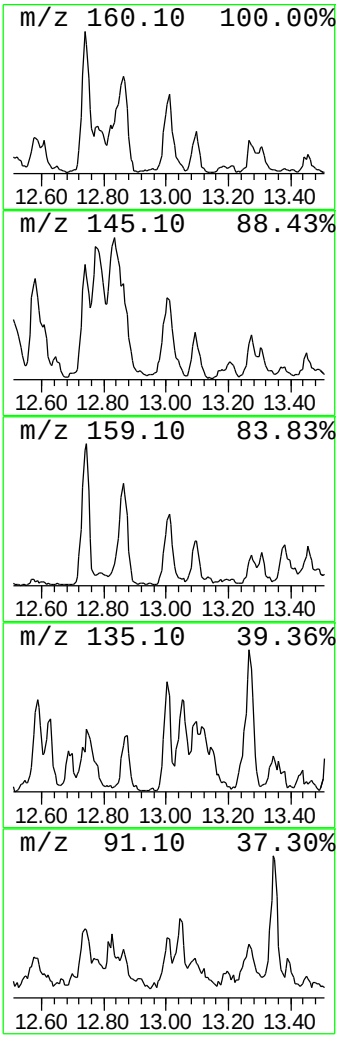
****

Peak Number 25 2,5,6-Trimethylbenzimidazole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	10.20 ng/ul	742750	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	62
2	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	38
3	Ethanone, 1-(2-benzofuranyl)-	160	C10H8O2	001646-26-0	22
4	Quinoline, 6-methoxy-	159	C10H9NO	005263-87-6	18
5	Thiophene, 2-phenyl-	160	C10H8S	000825-55-8	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

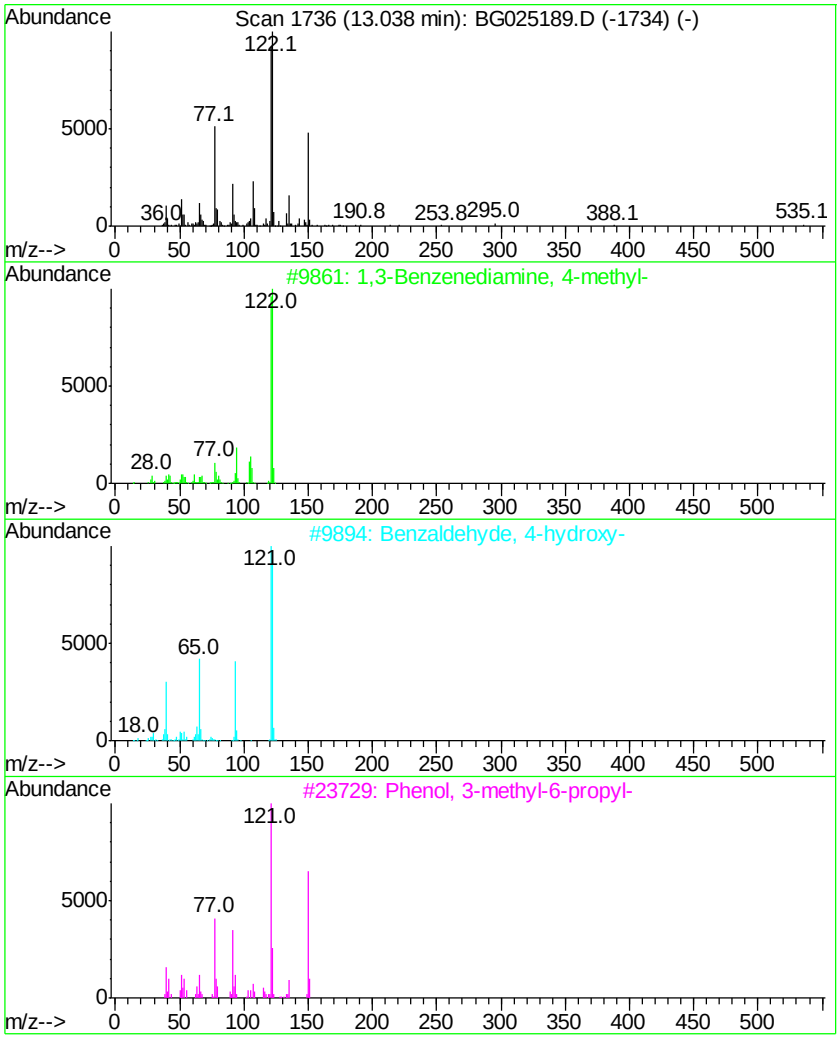
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

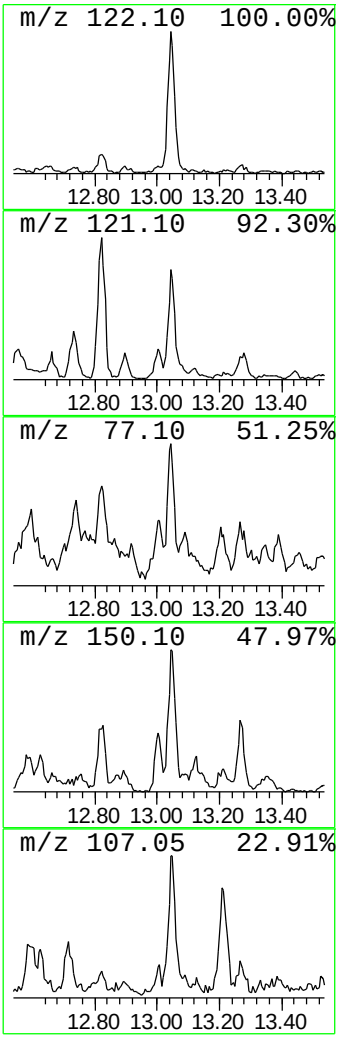
****

Peak Number 26 1,3-Benzenediamine, 4-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	7.70 ng/ul	560256	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	50
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	49
3	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	49
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	47
5	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

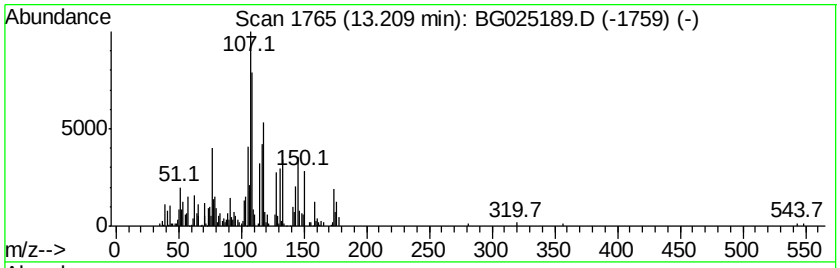
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

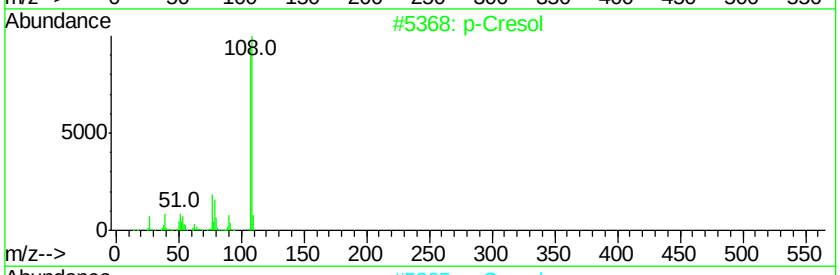
****

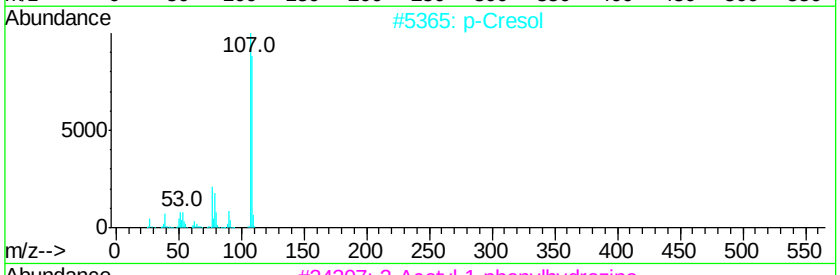
Peak Number 28 unknown-04 Concentration Rank 58

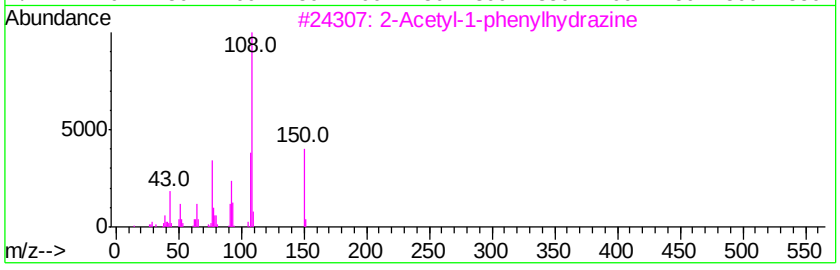
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.65 ng/ul	265767	Acenaphthene-d10	14.86

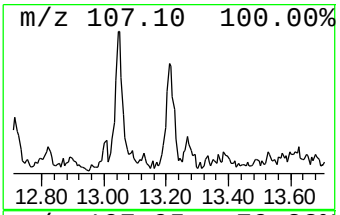
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	45
2	p-Cresol	108	C7H8O	000106-44-5	43
3	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	30
4	Phenol, 2-(2-methylpropyl)-	150	C10H14O	004167-75-3	25
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	25

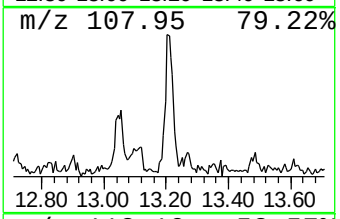


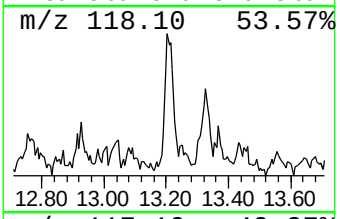


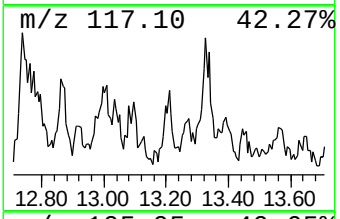


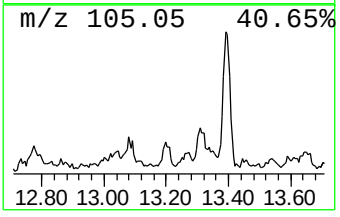












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

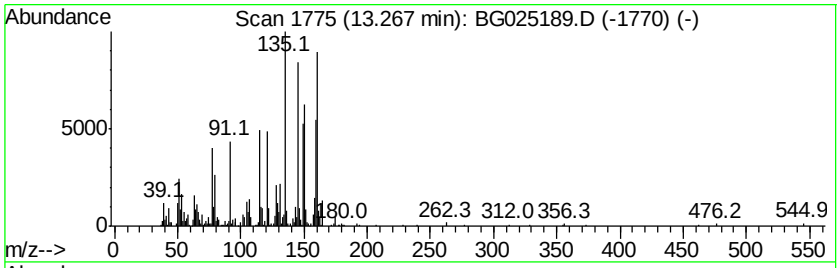
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

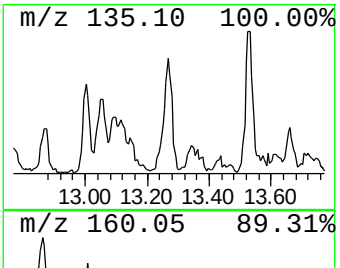
****

Peak Number 29 unknown-05 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.18 ng/ul	522880	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	38
3	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	35
4	2-Acetyl-3-ethylpyrazine	150	C8H10N2O	032974-92-8	30
5	2,4,6-Trimethyl-1,3-phenylenedia...	150	C9H14N2	003102-70-3	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

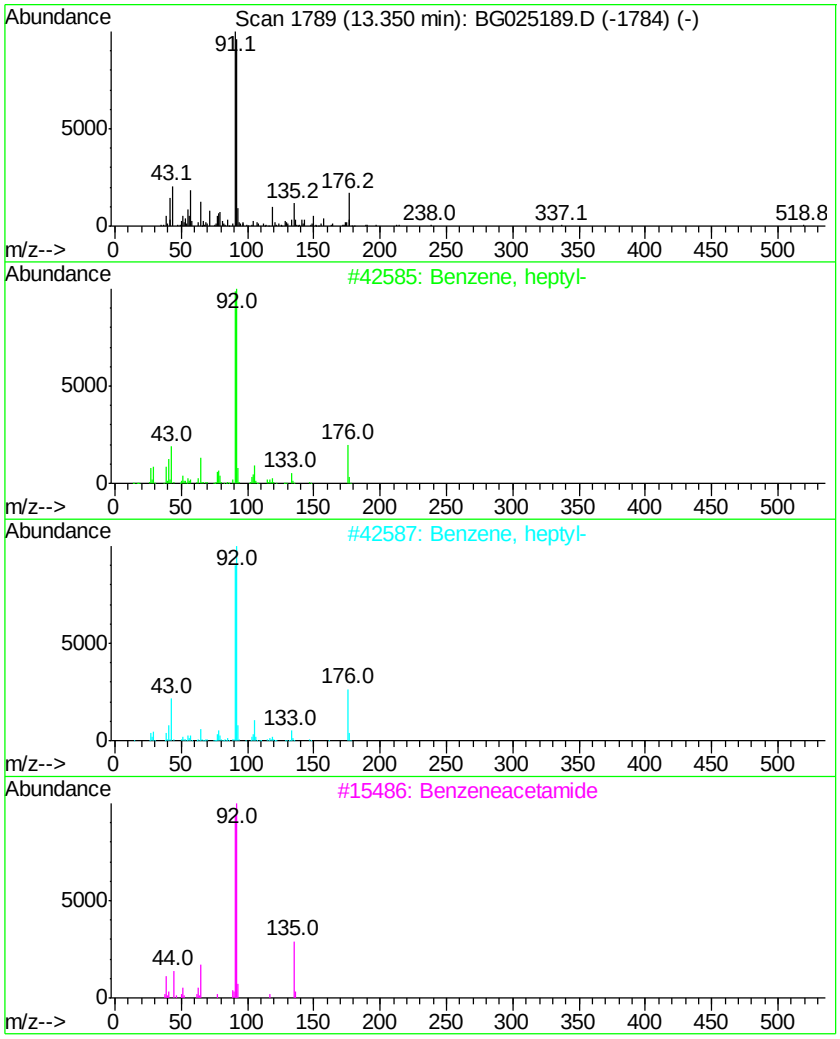
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

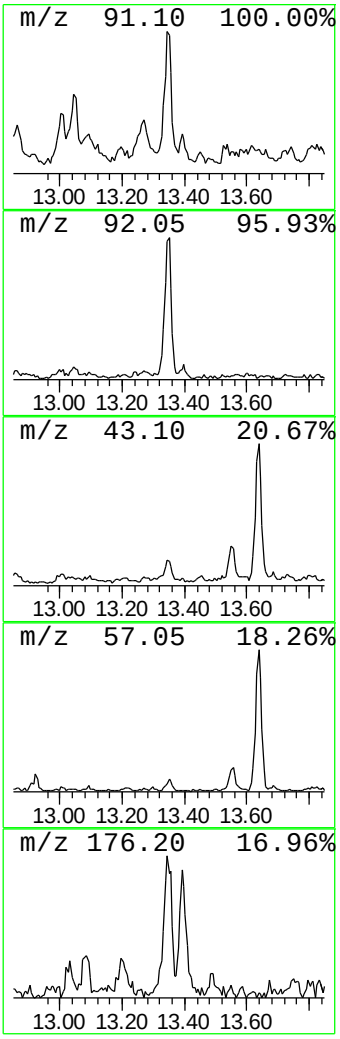
****

Peak Number 30 Benzene, heptyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.30 ng/ul	240444	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	59
2	Benzene, heptyl-	176	C13H20	001078-71-3	58
3	Benzeneacetamide	135	C8H9NO	000103-81-1	53
4	Toluene	92	C7H8	000108-88-3	52
5	Benzeneethanol, .alpha.-methyl-	136	C9H12O	000698-87-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

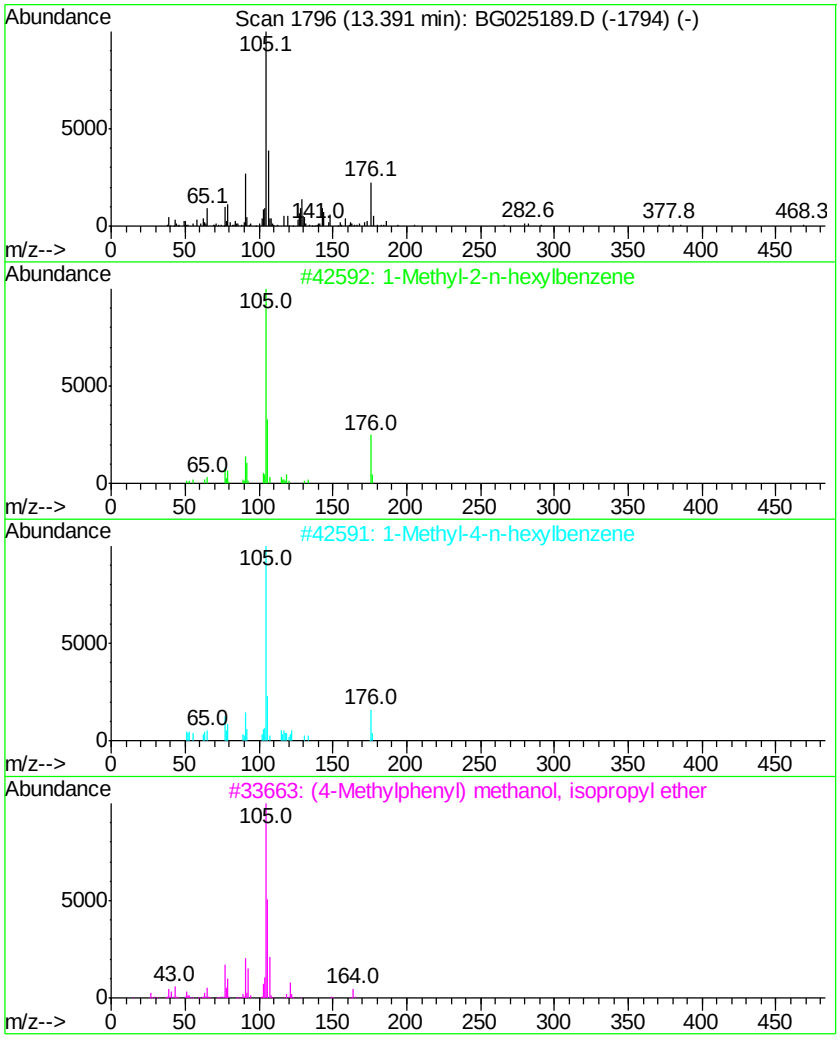
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

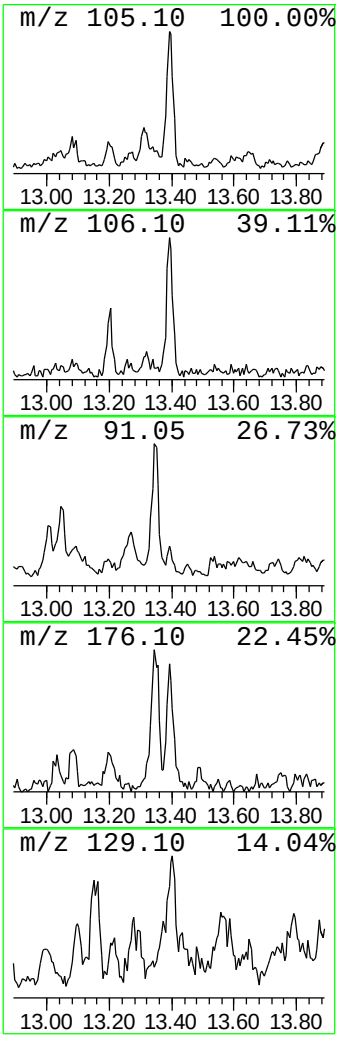
****

Peak Number 31 1-Methyl-2-n-hexylbenzene Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	3.30 ng/ul	240302	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	50
2	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	43
3	(4-Methylphenyl) methanol, isopr...	164	C11H16O	1000374-65-3	43
4	3-Pyridinecarbonitrile, 1,4-dihy...	106	C6H6N2	023974-91-6	38
5	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

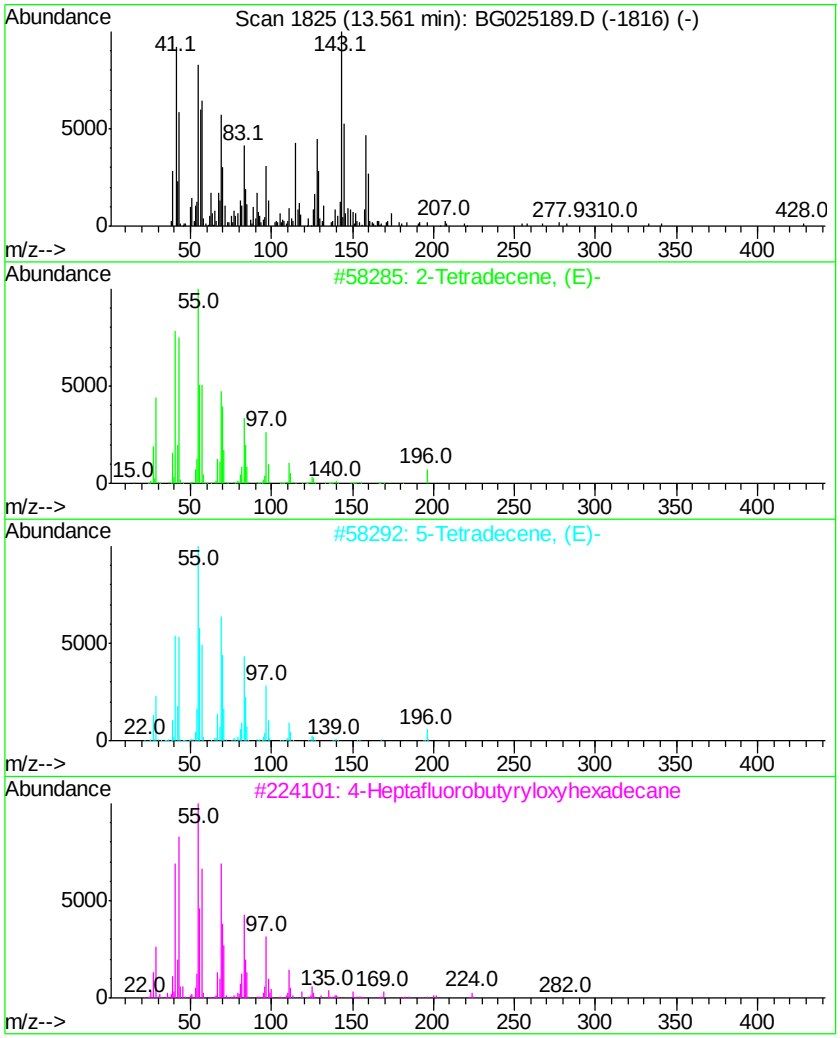
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

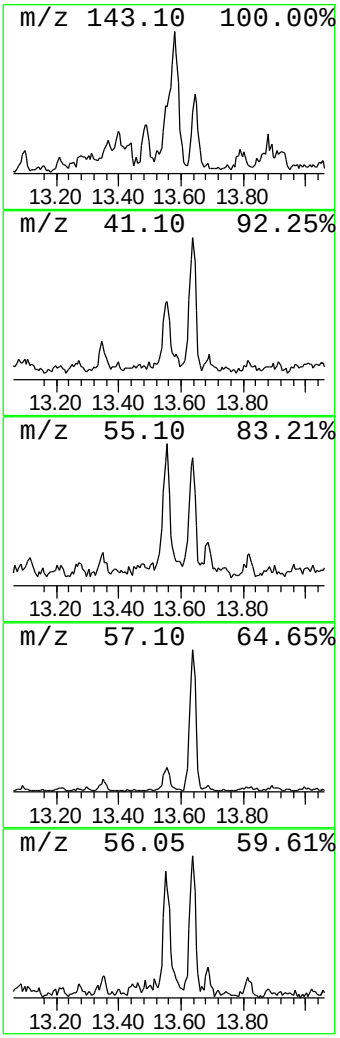
****

Peak Number 32 (DEL) Alkane: Cyclic13.56 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	8.33 ng/ul	606053	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	83
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	45
3	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	43
4	4-Dodecene, (E)-	168	C12H24	007206-15-7	38
5	1-Dodecene	168	C12H24	000112-41-4	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

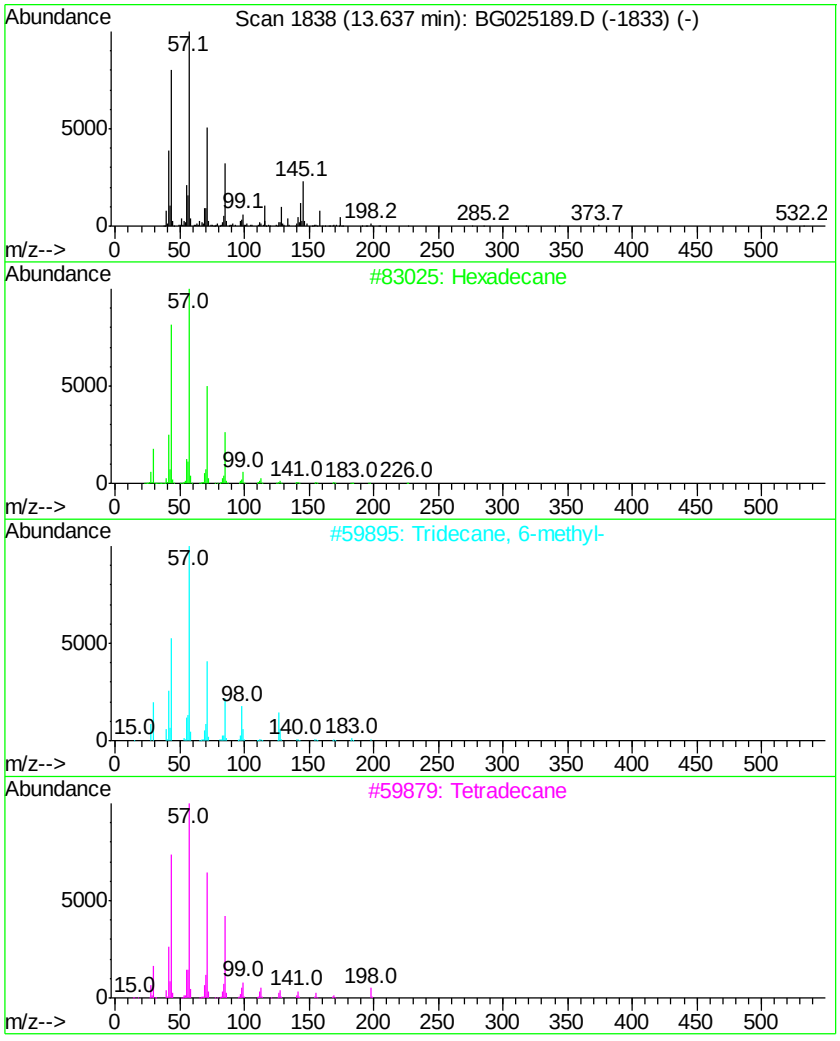
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

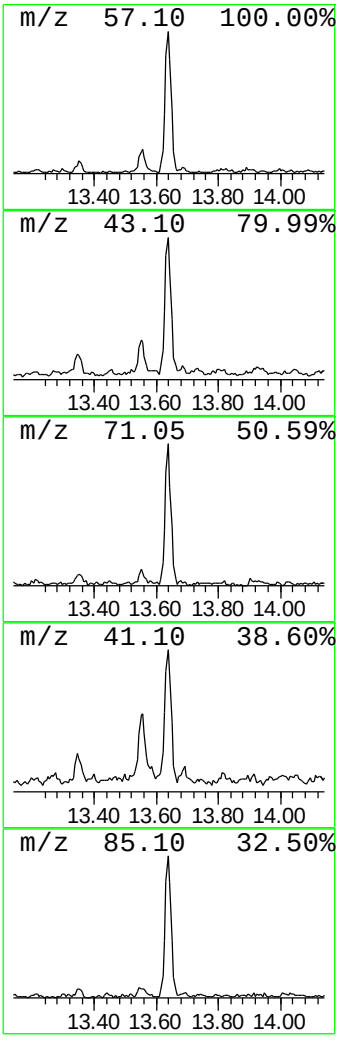
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	11.22 ng/ul	816781	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	60
3	Tetradecane	198	C14H30	000629-59-4	60
4	Tetradecane	198	C14H30	000629-59-4	55
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

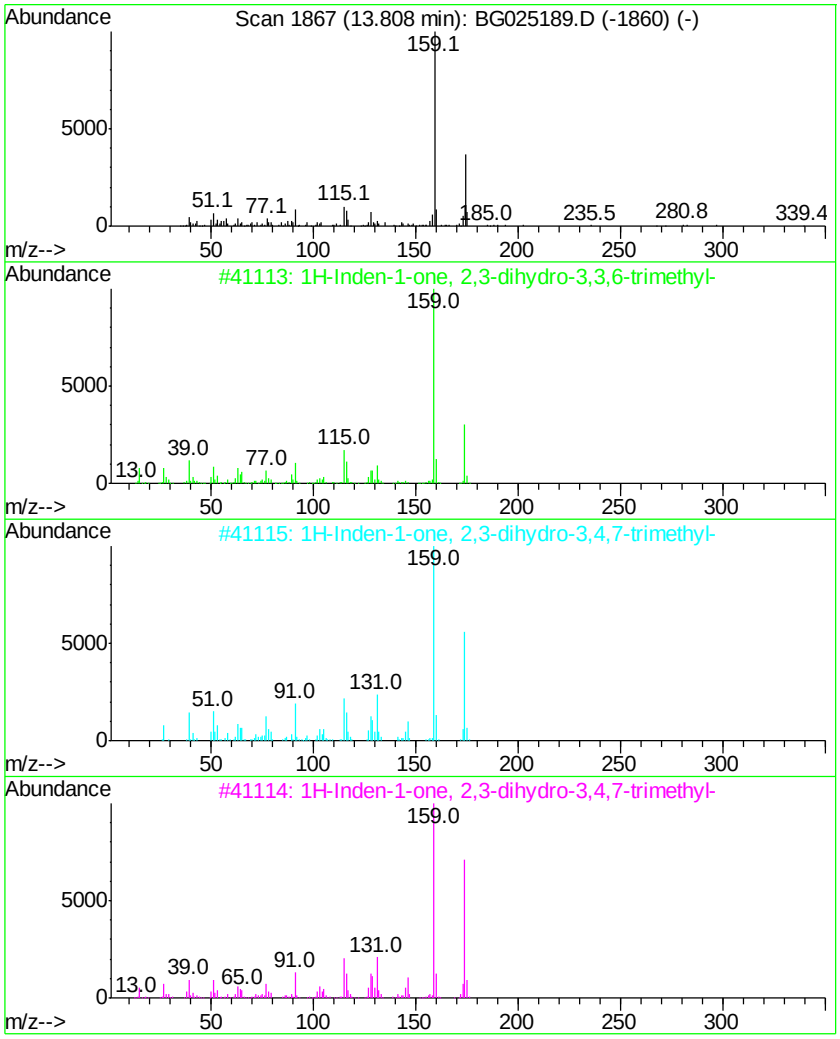
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

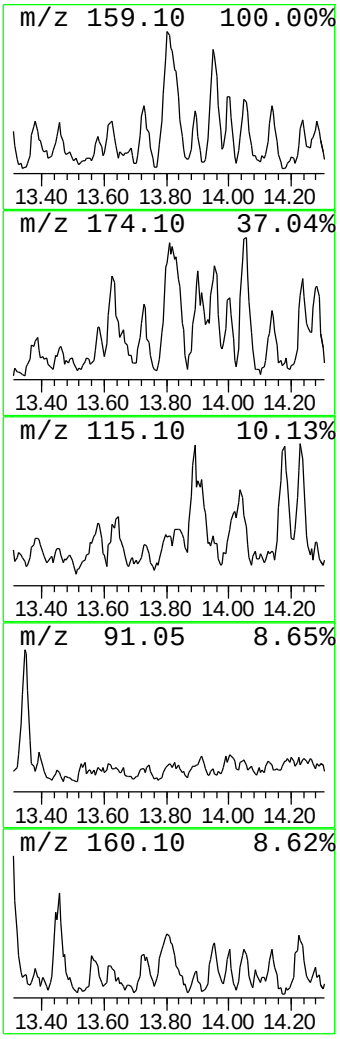
****

Peak Number 34 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	9.59 ng/ul	698281	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	78
2	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	72
3	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	72
4	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	56
5	1-Naphthalenol, 4-methoxy-	174	C11H10O2	000084-85-5	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

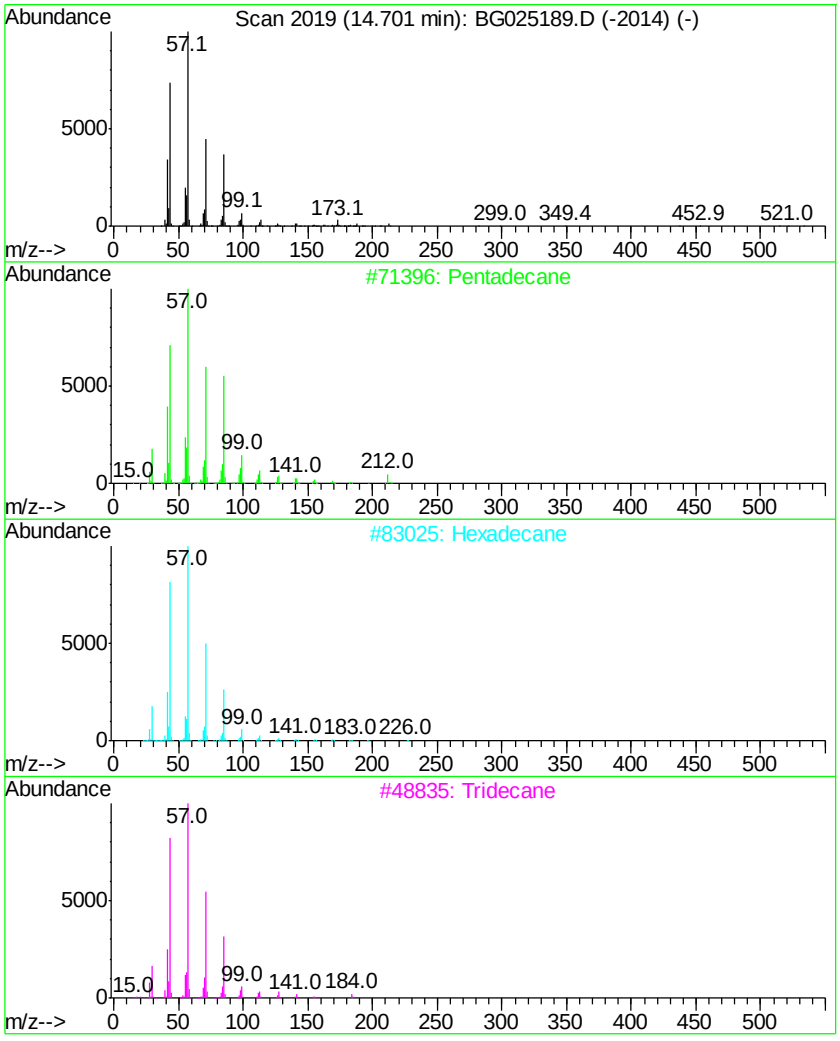
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

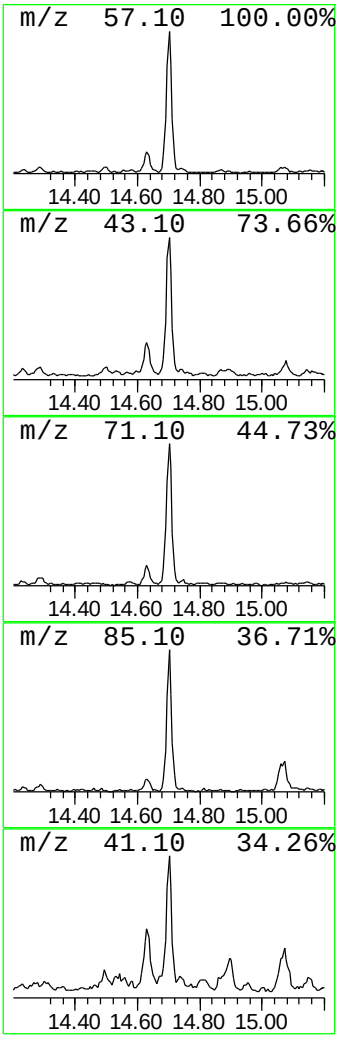
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	13.22 ng/ul	962354	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

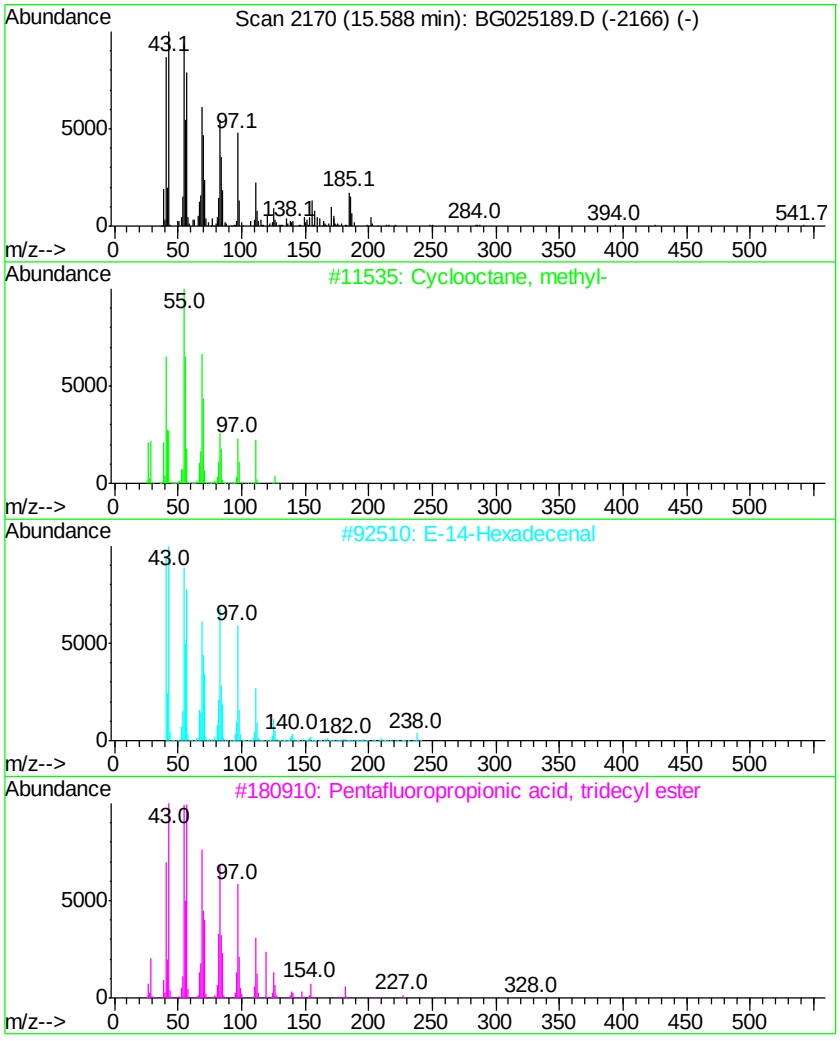
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

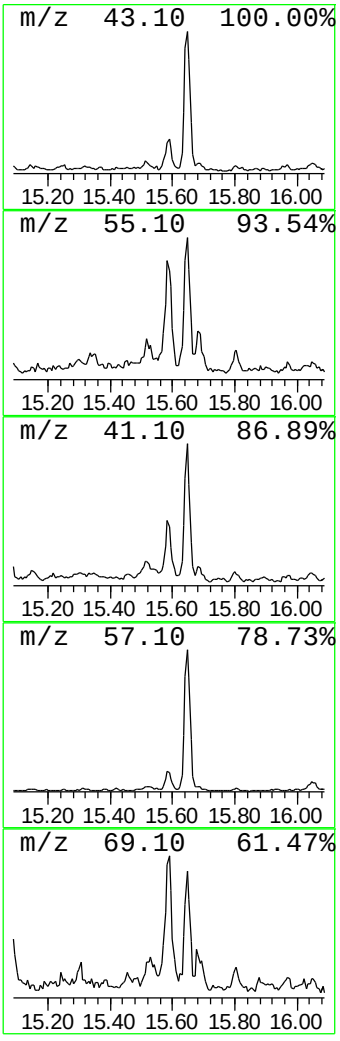
****

Peak Number 46 (DEL) Alkane: Cyclic15.59 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	9.30 ng/ul	676757	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	87
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	83
3	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	83
4	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	83
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

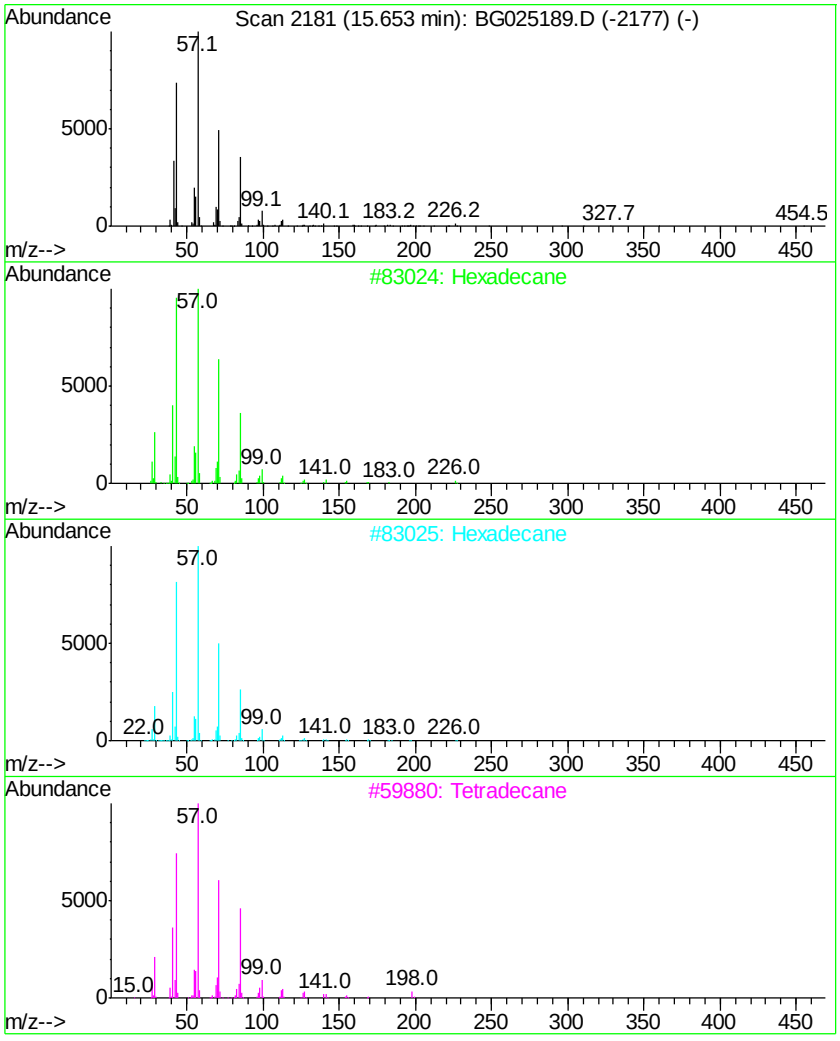
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

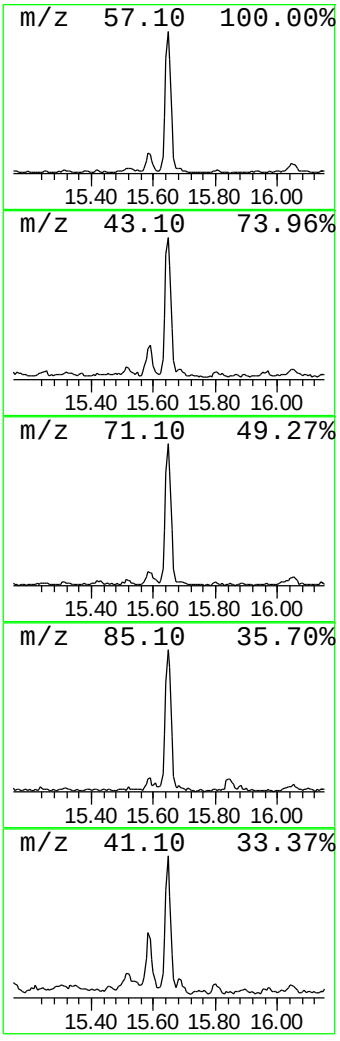
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	24.13 ng/ul	1756560	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

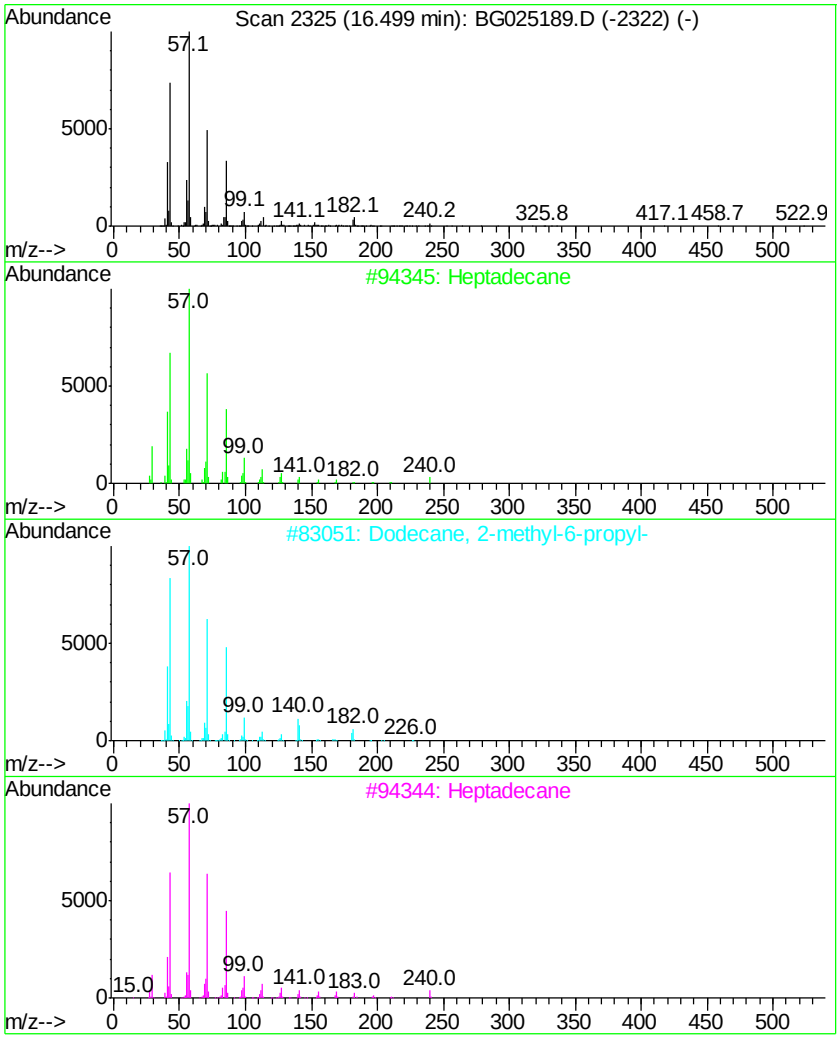
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

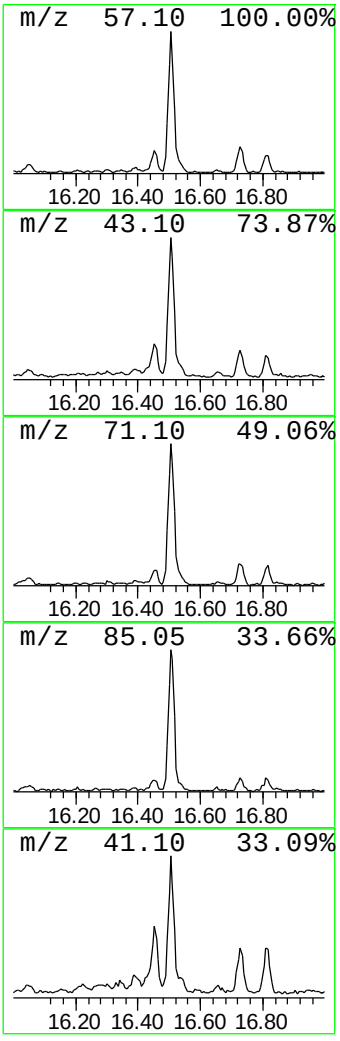
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	19.73 ng/ul	1586860	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptadecane	240	C17H36	000629-78-7	89
4	Hexadecane	226	C16H34	000544-76-3	87
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

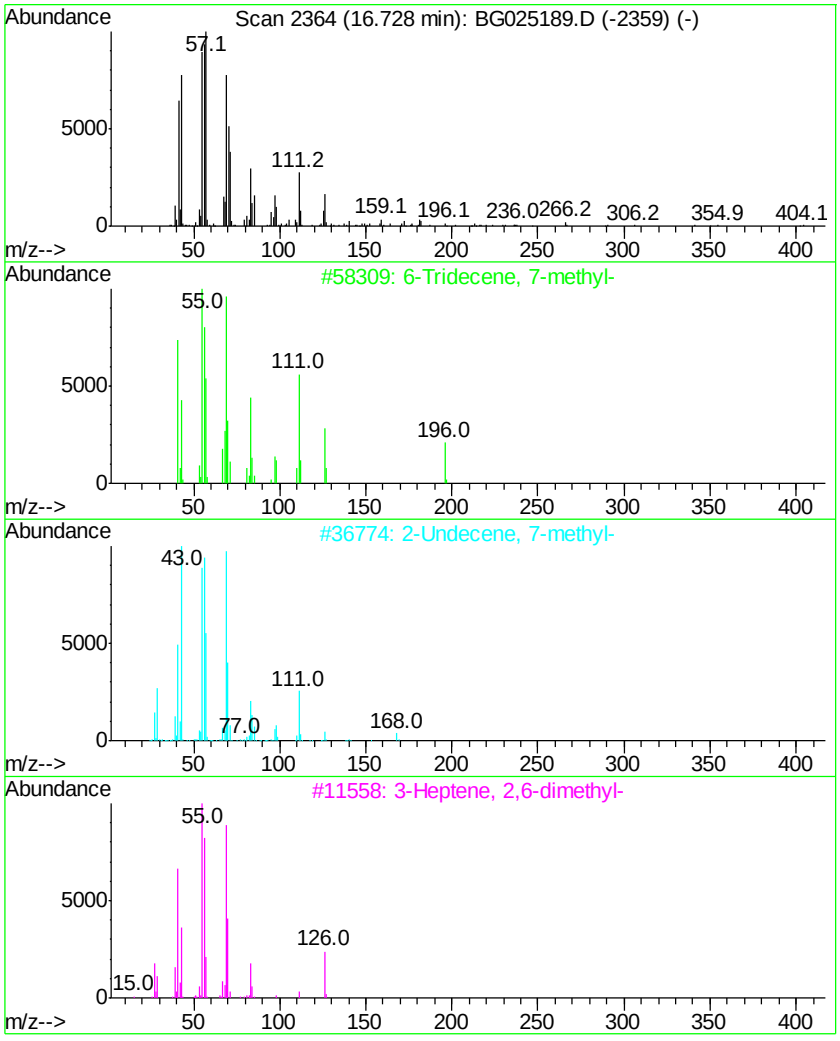
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

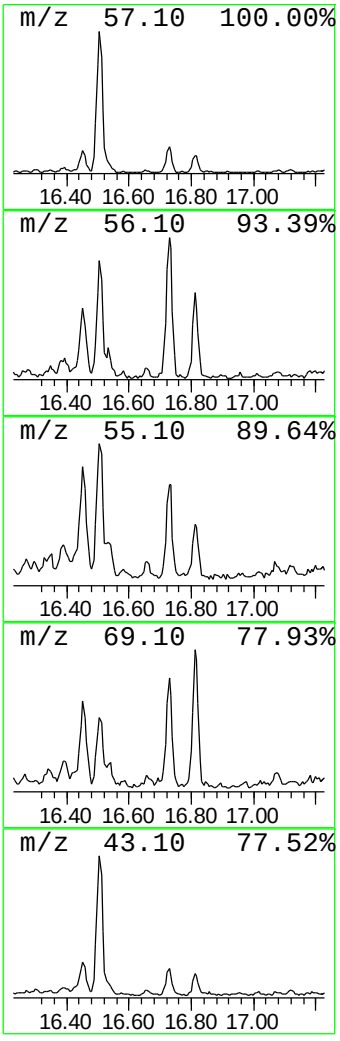
****

Peak Number 52 (DEL) Alkane: Cyclic16.73 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	8.70 ng/ul	699668	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	74
2	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	59
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
4	3-Octene, (E)-	112	C8H16	014919-01-8	46
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	41





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

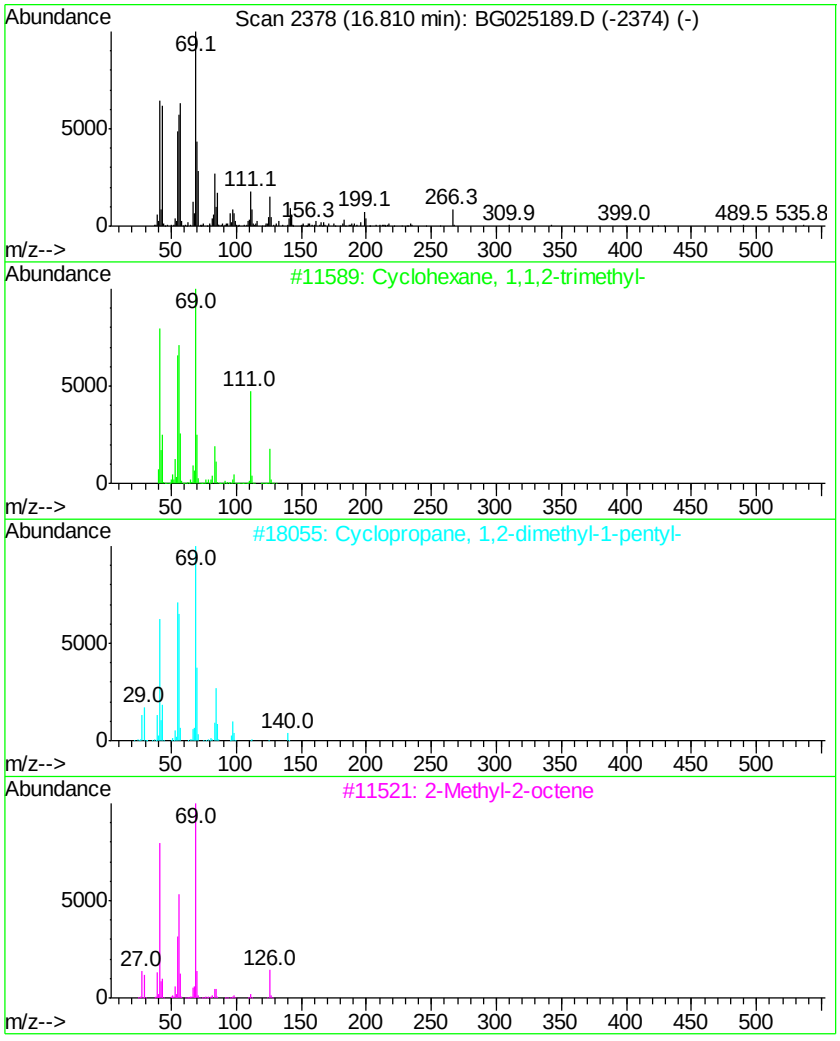
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

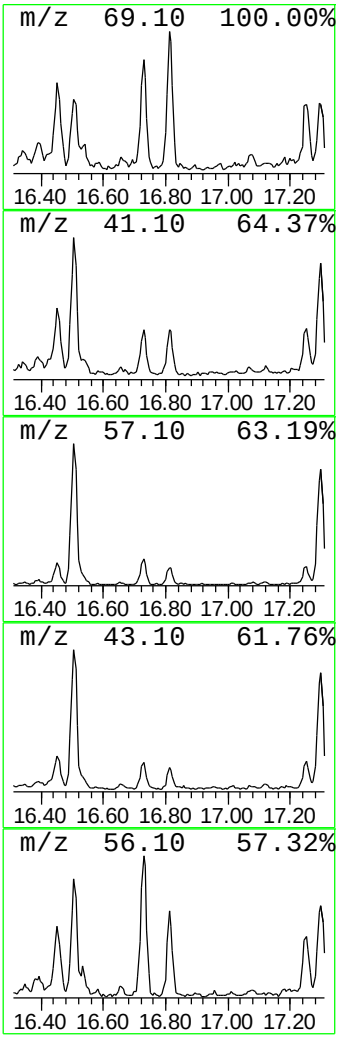
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Cyclic16.81 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	6.01 ng/ul	482943	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	52
3	2-Methyl-2-octene	126	C9H18	016993-86-5	50
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	49
5	5-Undecene, 5-methyl-, (Z)-	168	C12H24	057024-93-8	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

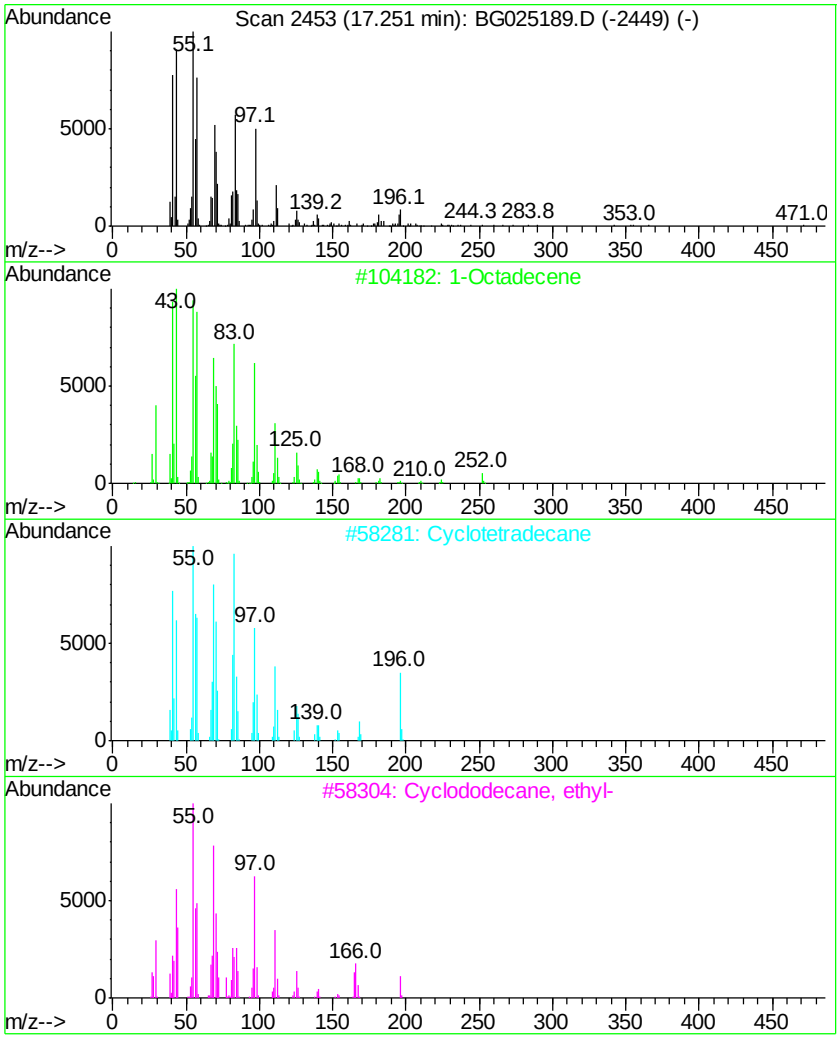
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

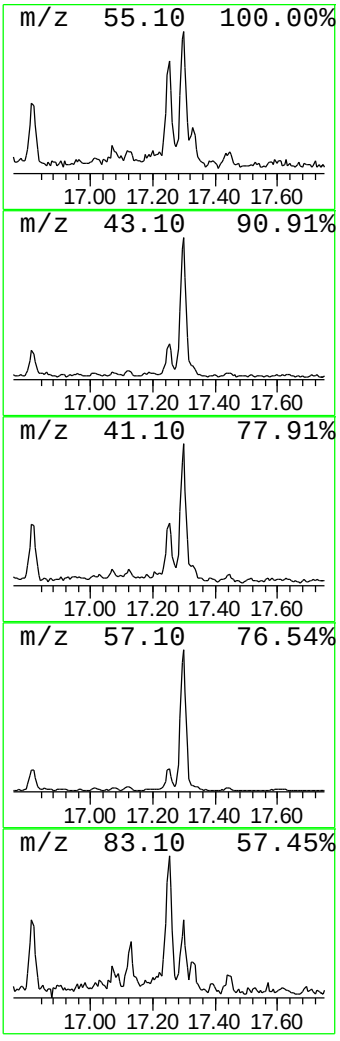
****

Peak Number 56 (DEL) Alkane: Cyclic17.25 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	5.97 ng/ul	479935	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Cyclododecane, ethyl-	196	C14H28	028981-49-9	92
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
5	Cyclotetradecane	196	C14H28	000295-17-0	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

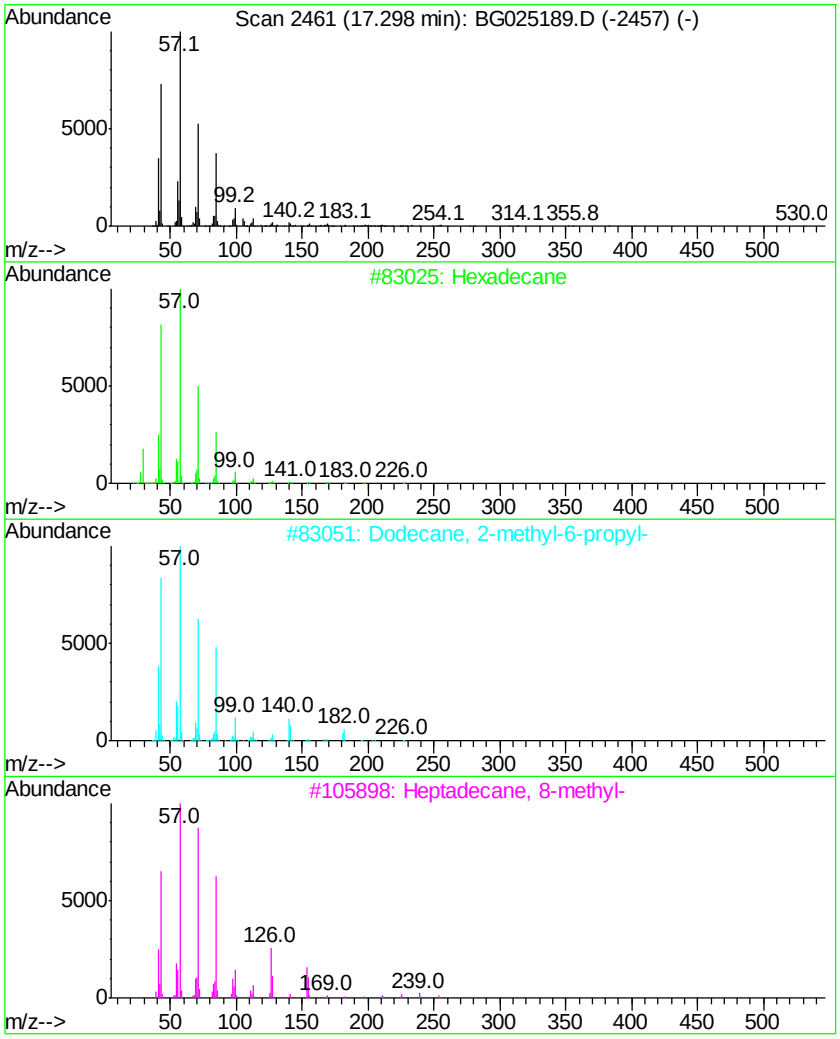
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

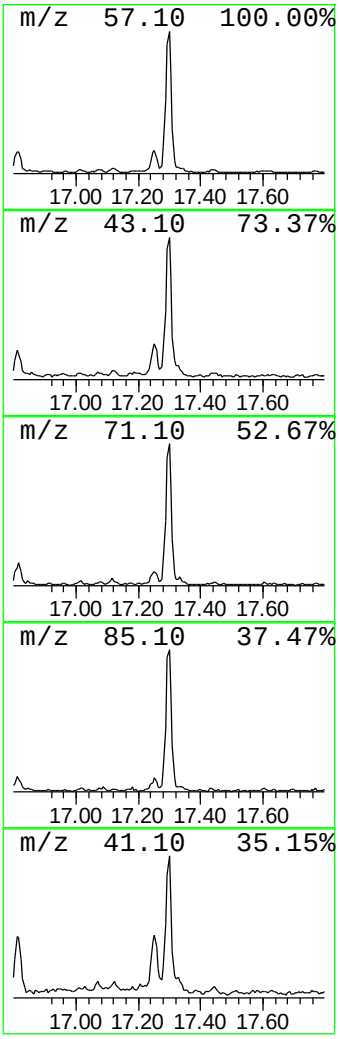
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	18.99 ng/ul	1527070	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Octadecane	254	C18H38	000593-45-3	87
5	9-methylheptadecane	254	C18H38	026741-18-4	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

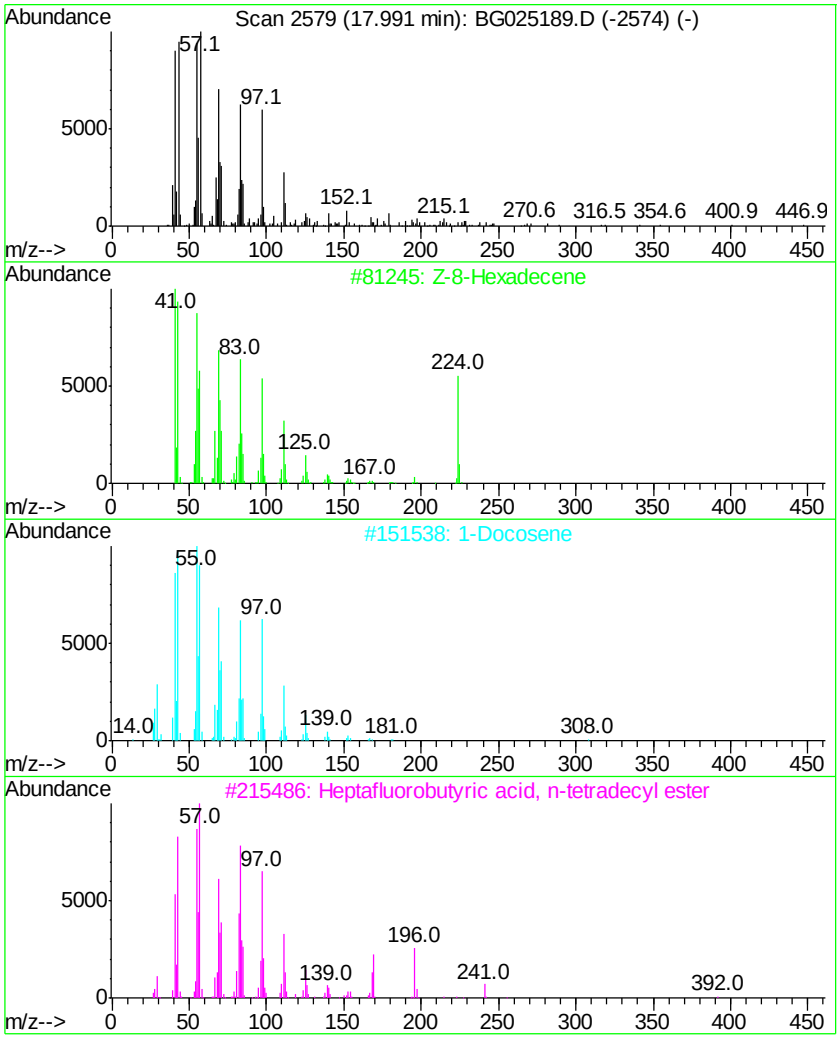
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

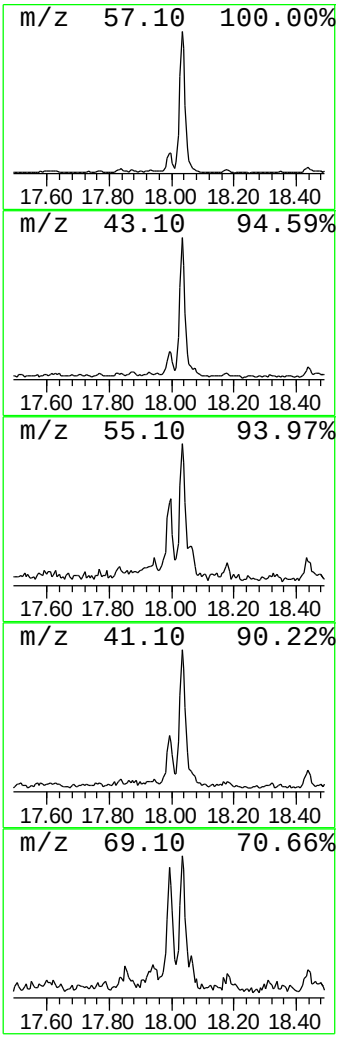
****

Peak Number 59 (DEL) Alkane: Cyclic17.99 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.76 ng/ul	382546	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
4	1-Nonadecene	266	C19H38	018435-45-5	87
5	8-Heptadecene	238	C17H34	002579-04-6	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

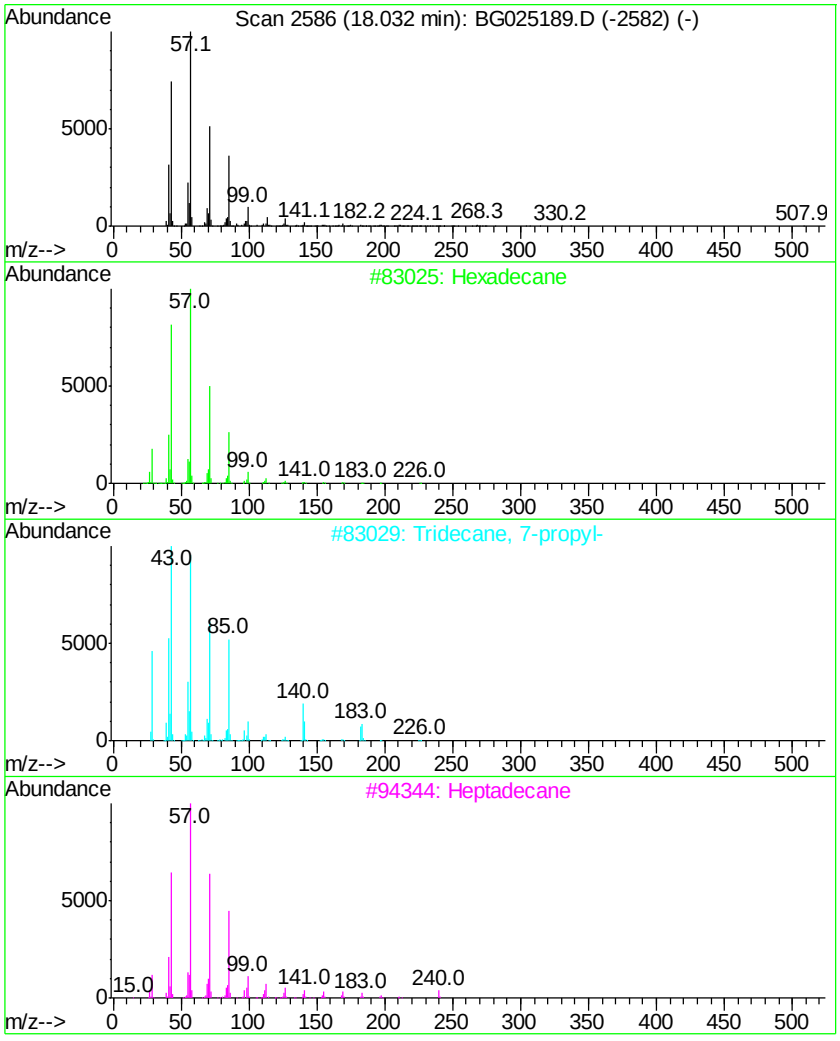
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

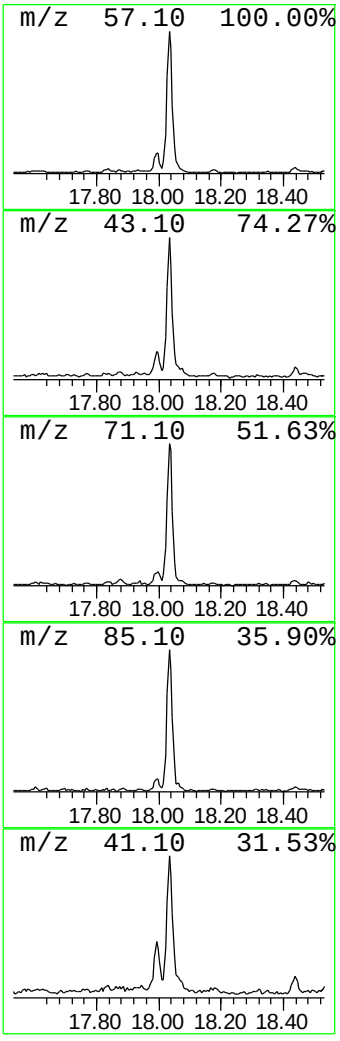
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	16.99 ng/ul	1366660	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Heptadecane	240	C17H36	000629-78-7	81
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

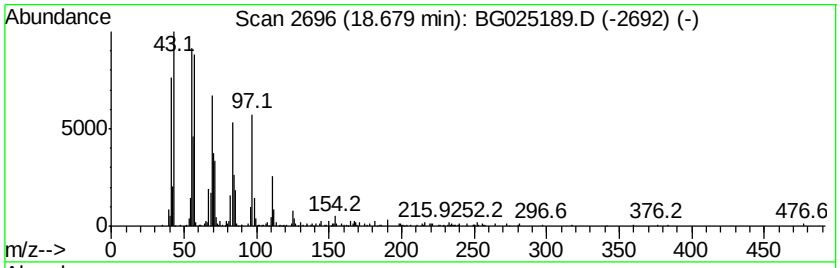
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

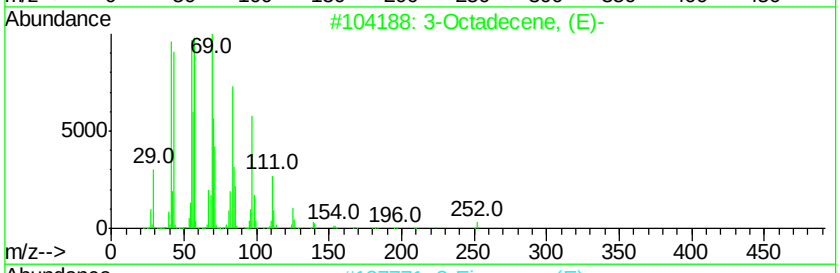
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

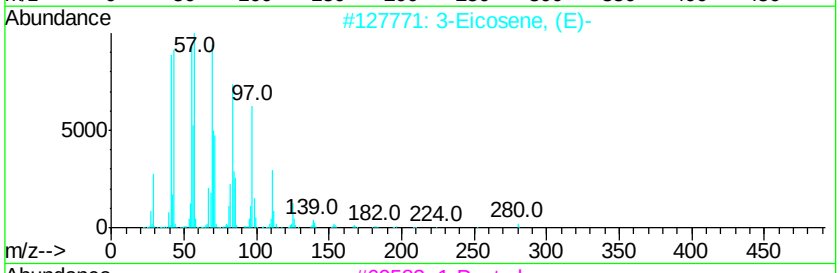
****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 52

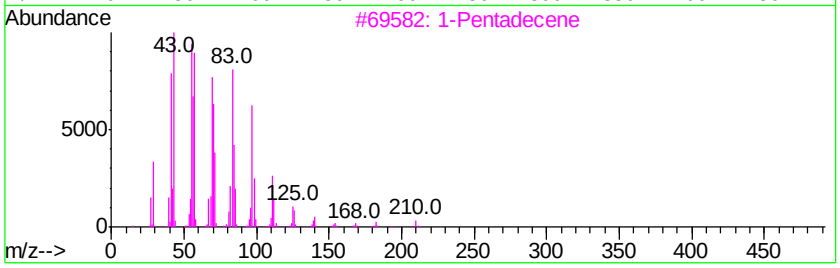
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.87 ng/ul	391528	Phenanthrene-d10	17.60

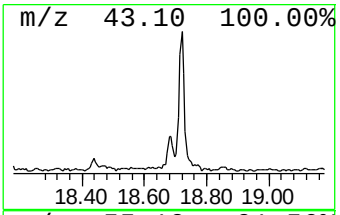
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Pentadecene	210	C15H30	013360-61-7	90
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90

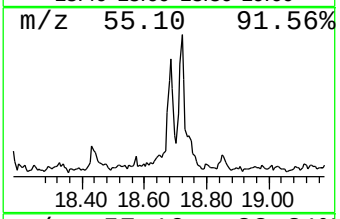


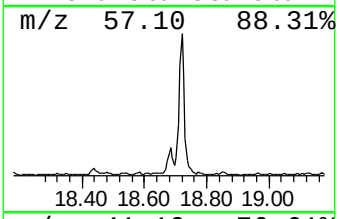


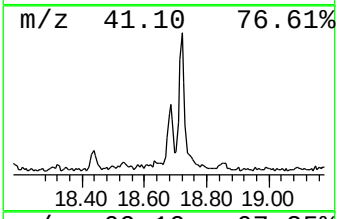


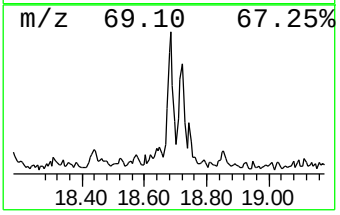












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

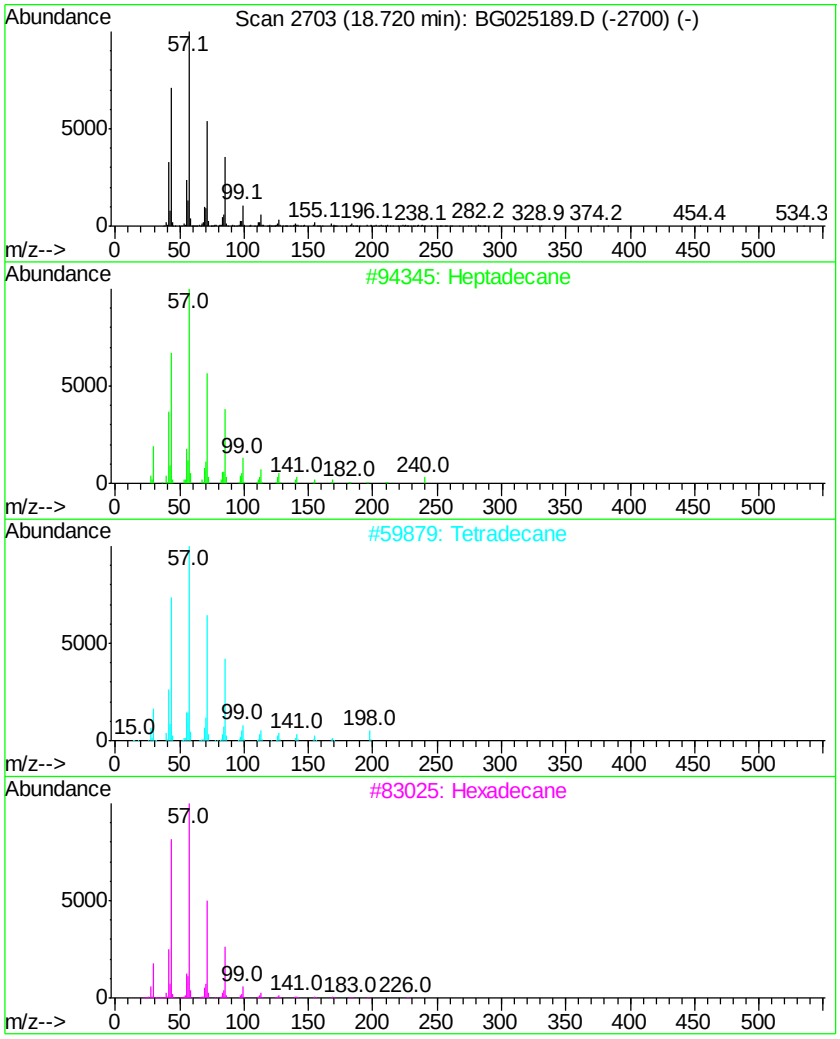
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

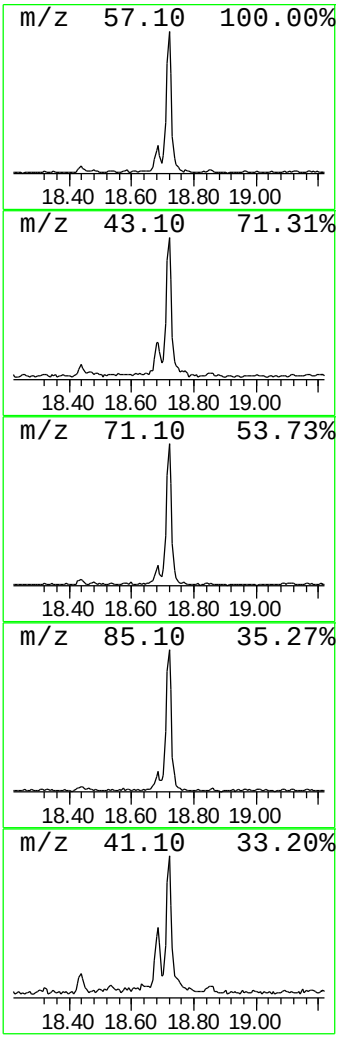
****

Peak Number 62 (DEL) Alkane: Cyclic18.72 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	13.27 ng/ul	1067520	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

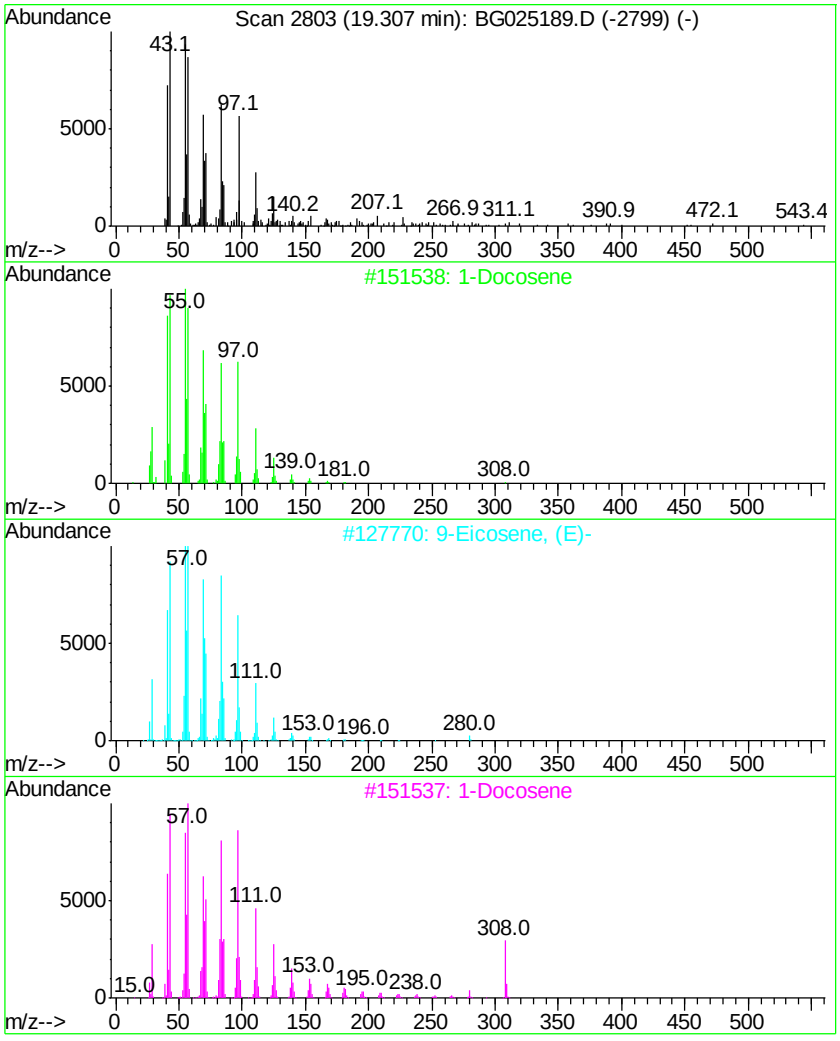
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

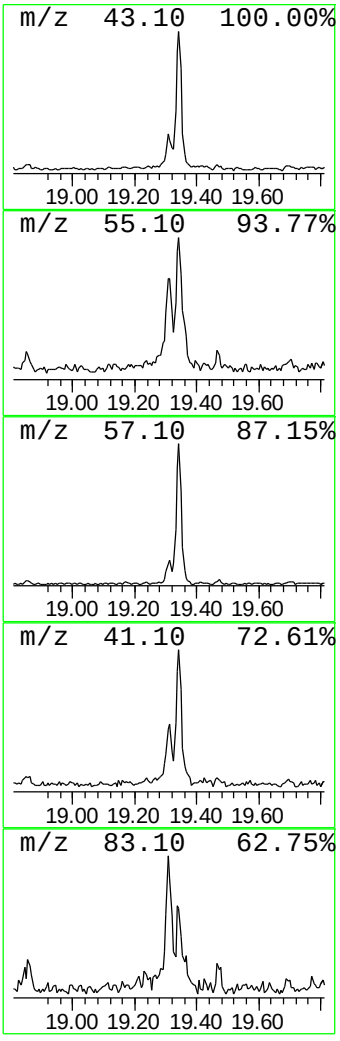
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.20 ng/ul	257056	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Octadecene	252	C18H36	000112-88-9	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

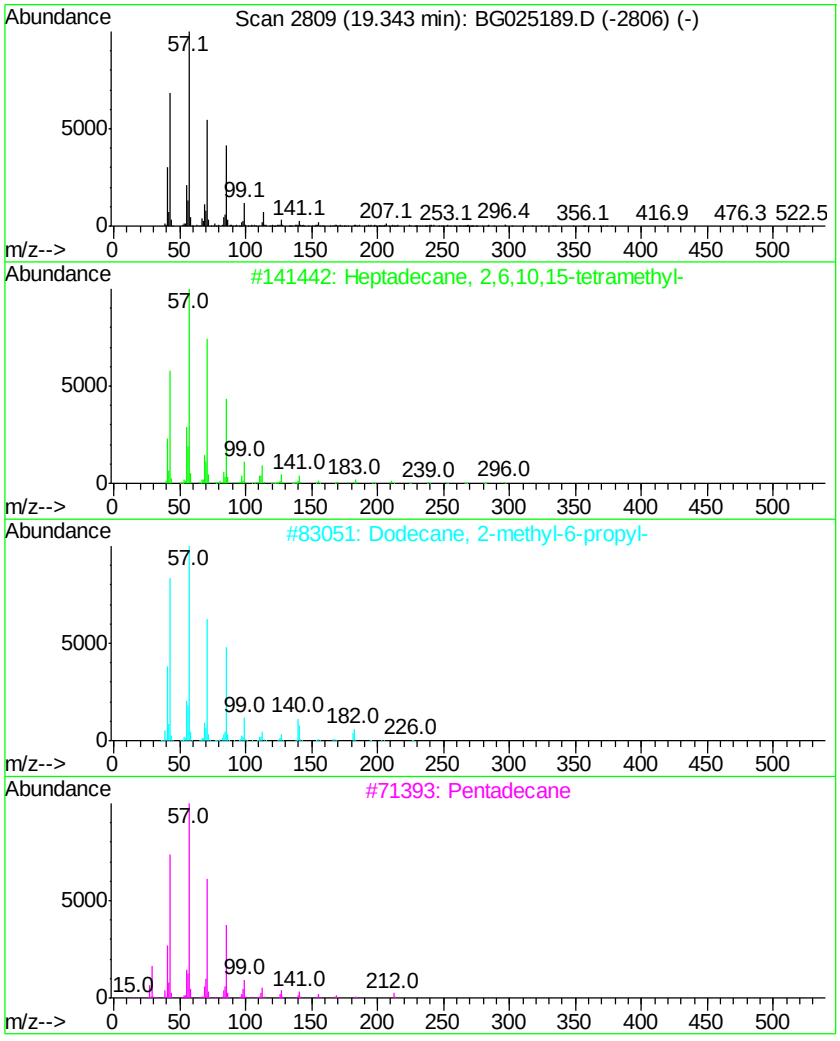
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

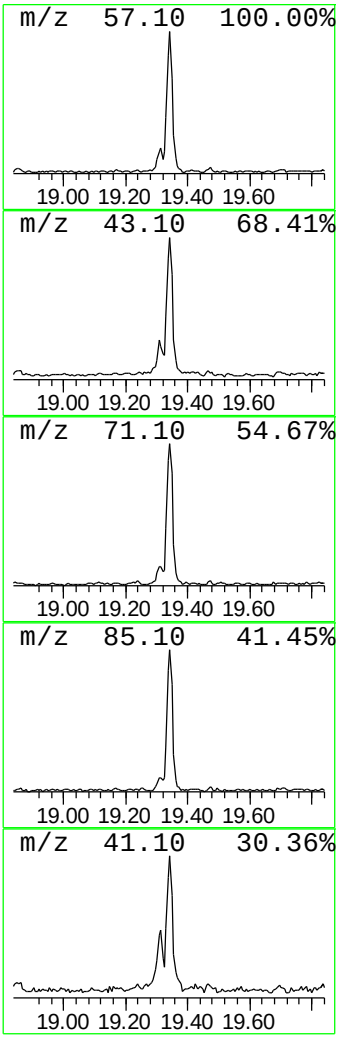
****

Peak Number 64 (DEL) Alkane: Cyclic19.34 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	9.61 ng/ul	773233	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

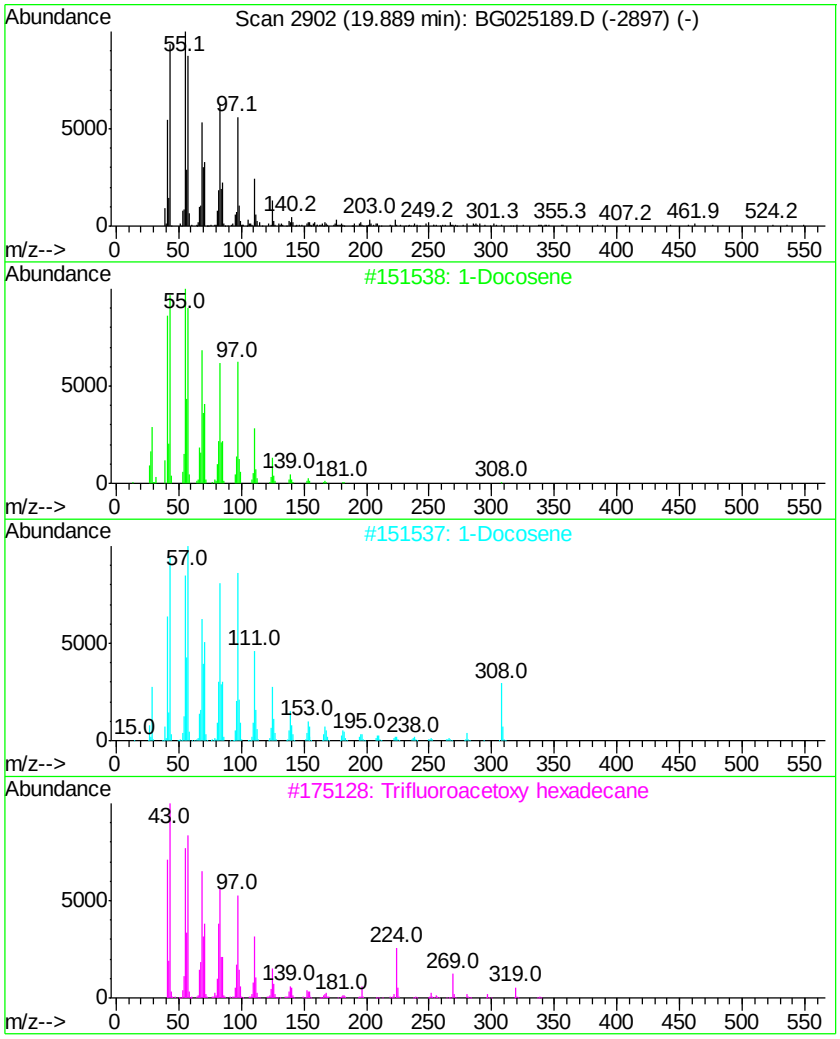
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

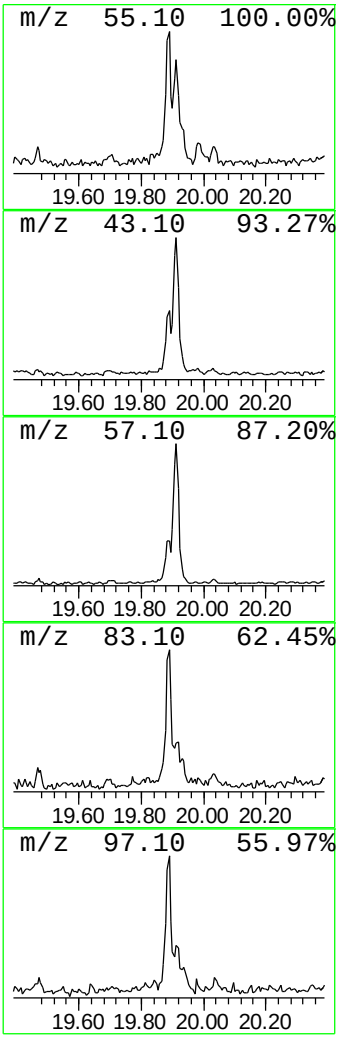
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.27 ng/ul	319967	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	1-Docosene	308	C22H44	001599-67-3	90
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	86
4	1-Docosanethiol	342	C22H46S	007773-83-3	81
5	Erucic acid	338	C22H42O2	000112-86-7	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

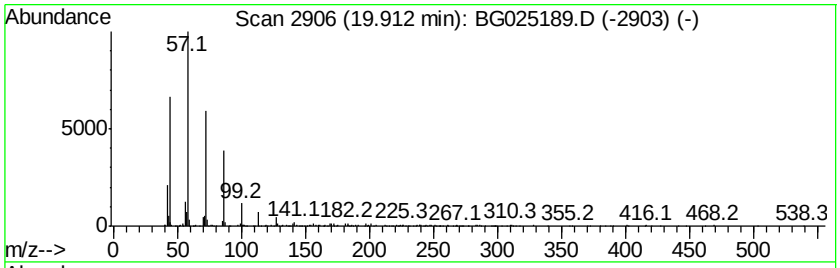
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

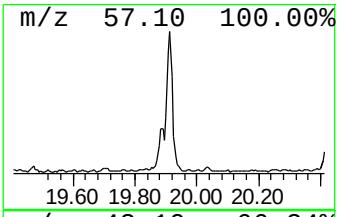
****

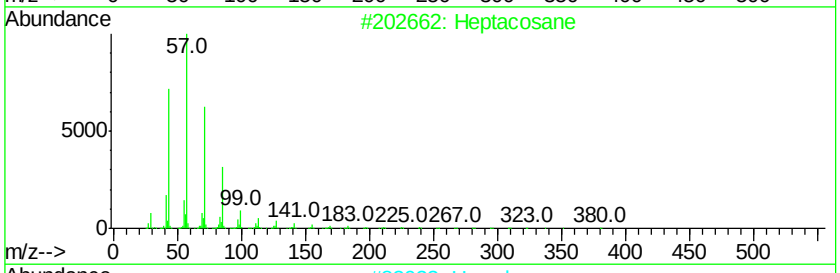
Peak Number 66 (DEL) Alkane: Cyclic19.91 Concentration Rank 51

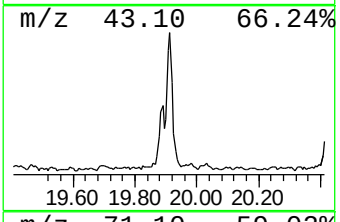
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	5.55 ng/ul	542384	Chrysene-d12	21.89

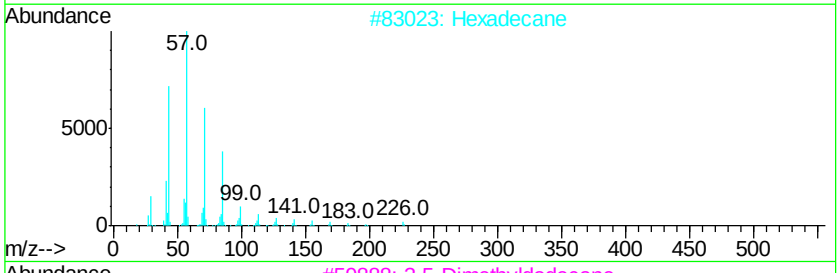
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	89
2	Hexadecane	226	C16H34	000544-76-3	87
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	86
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	78
5	Docosane	310	C22H46	000629-97-0	68

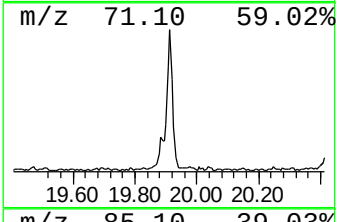


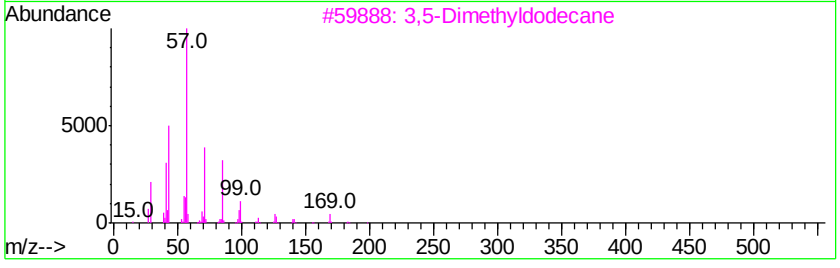


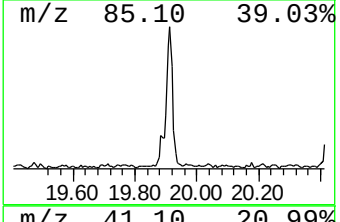


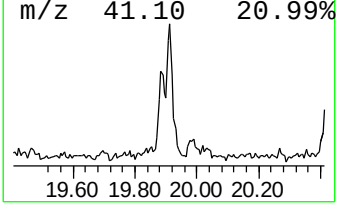












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

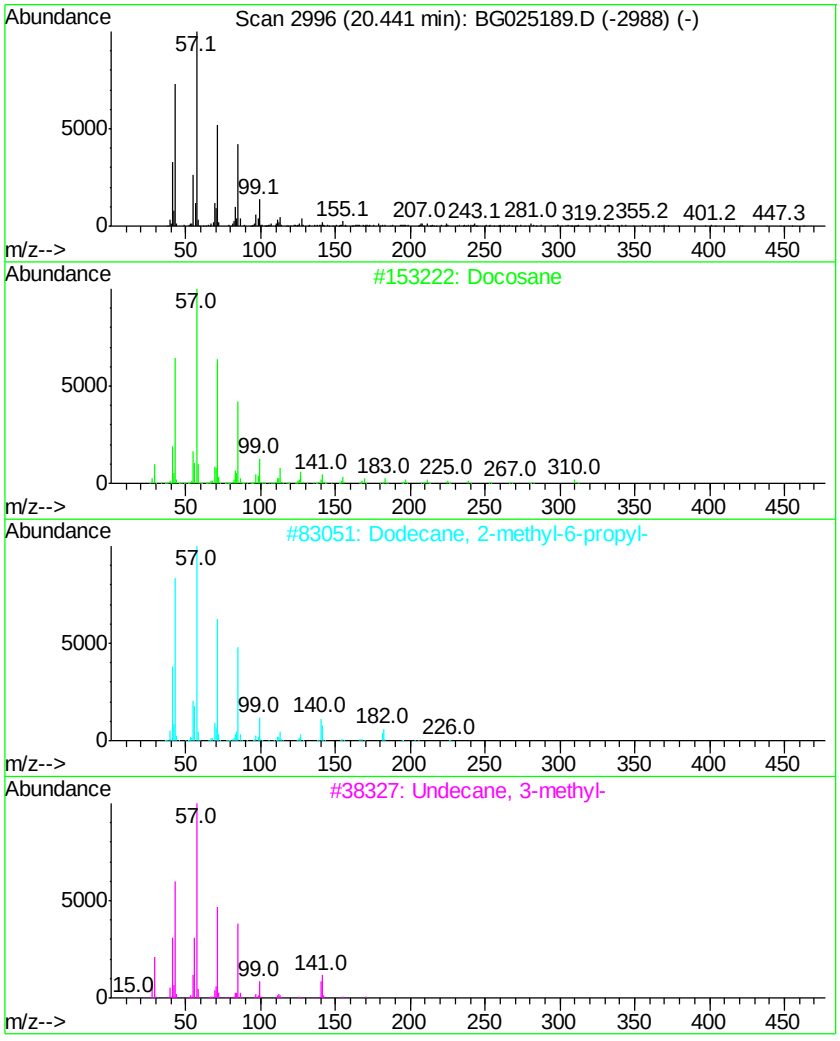
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

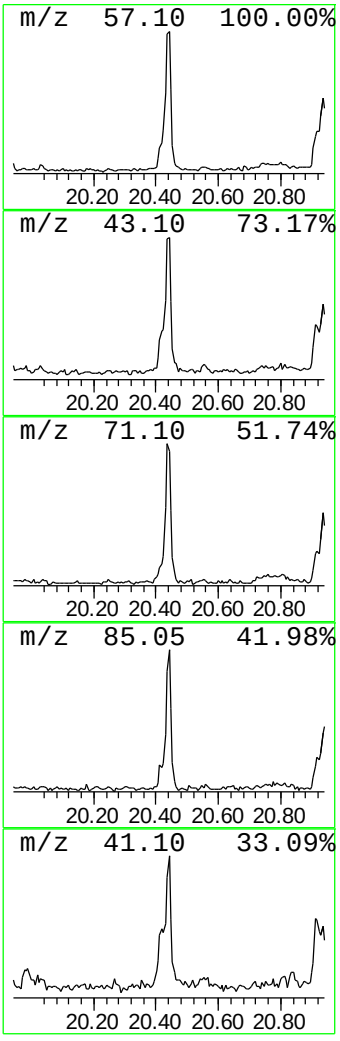
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.50 ng/ul	733164	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

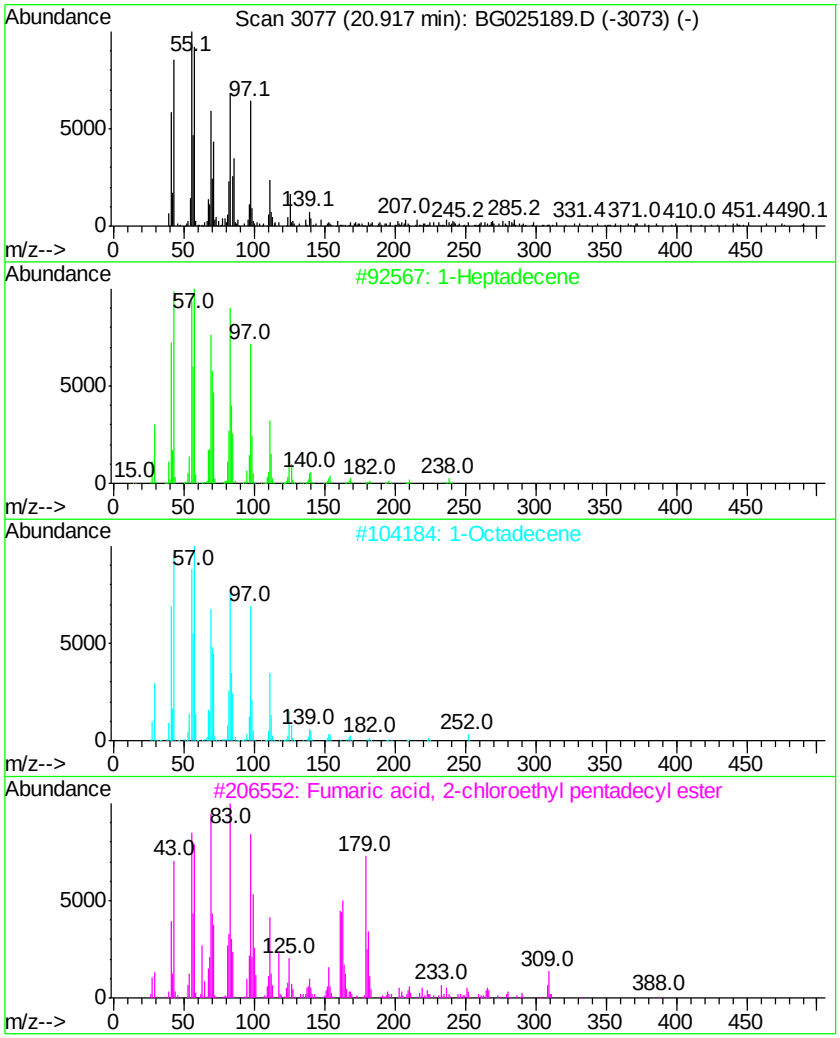
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

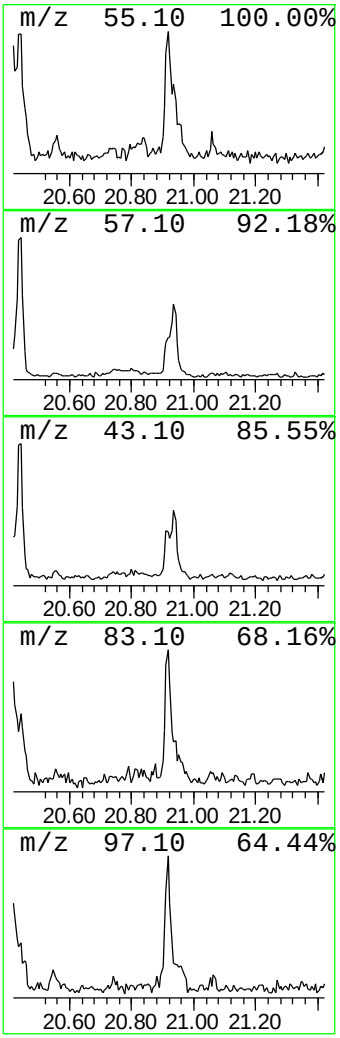
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.46 ng/ul	338507	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	93
2	1-Octadecene	252	C18H36	000112-88-9	93
3	Fumaric acid, 2-chloroethyl pent...	388	C21H37ClO4	1000330-62-1	92
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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

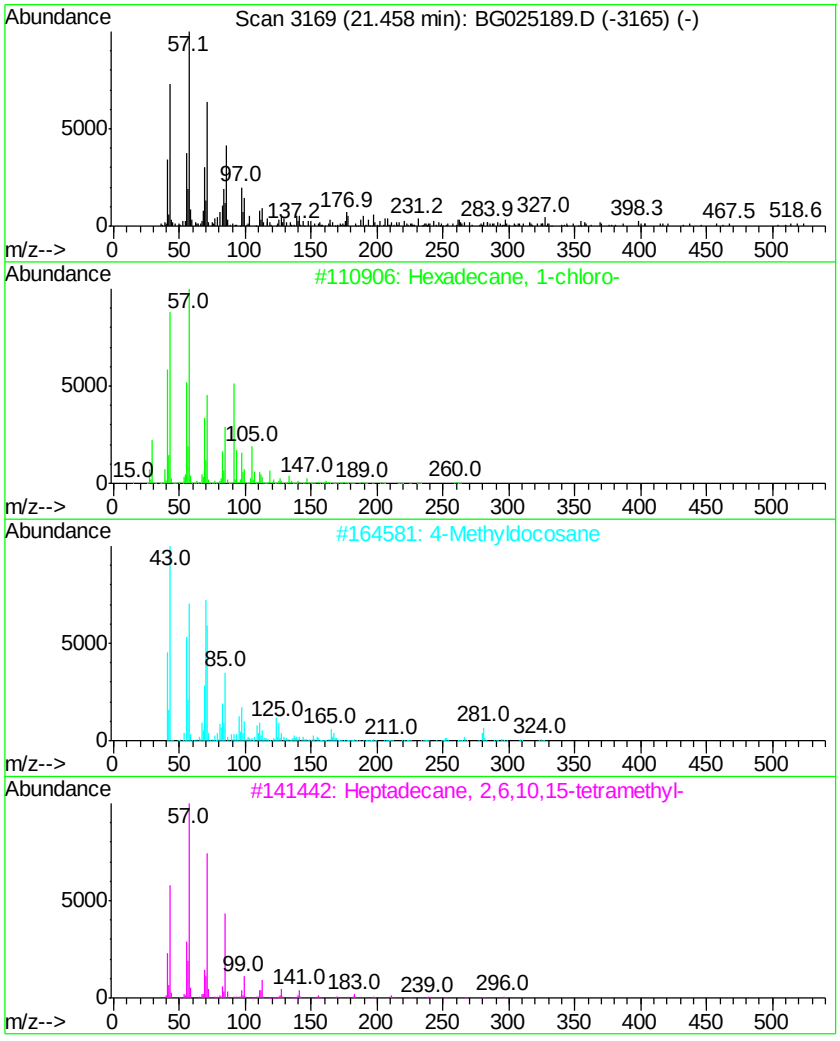
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

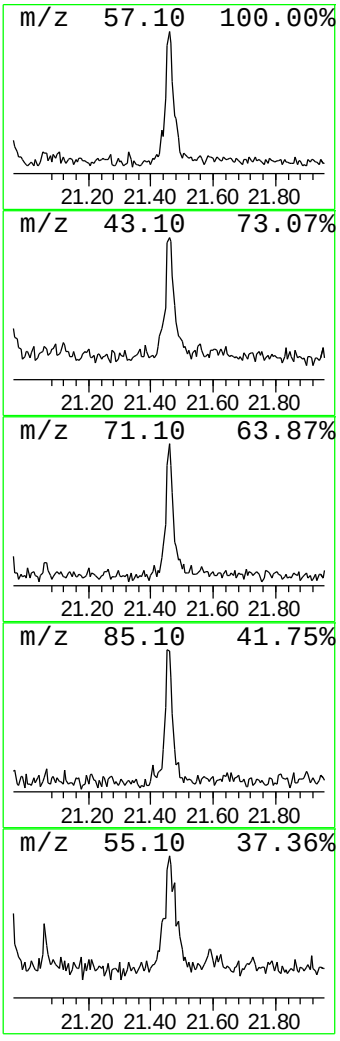
****

Peak Number 69 (DEL) Alkane: Cyclic21.46 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	4.03 ng/ul	393559	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	91
2	4-Methyldocosane	324	C23H48	025117-30-0	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	1-Chloroeicosane	316	C20H41Cl	042217-02-7	83
5	Tritetracontane	605	C43H88	007098-21-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025189.D
Acq On : 14 Dec 2016 23:35
Operator : UM/SJ
Sample : H5938-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA827

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
Benzene, 1,2,3-tr...	7.87	7.6	ng/ul	241976	1	8.23	638226	20.0
unknown-01	8.87	12.4	ng/ul	396430	1	8.23	638226	20.0
Ethanone, 1-(1-cy...	9.34	7.4	ng/ul	237569	1	8.23	638226	20.0
Phenol, 2,6-dimet...	9.67	8.7	ng/ul	312077	2	11.06	719852	20.0
Benzofuran, 7-met...	9.72	6.0	ng/ul	216763	2	11.06	719852	20.0
Benzofuran, 2-met...	9.78	11.3	ng/ul	407014	2	11.06	719852	20.0
unknown-02	10.47	15.3	ng/ul	552280	2	11.06	719852	20.0
Phenol, 3,5-dimet...	10.52	32.2	ng/ul	1160160	2	11.06	719852	20.0
Phenol, 2-ethyl-6...	10.87	8.3	ng/ul	298558	2	11.06	719852	20.0
Phenol, 2,3-dimet...	10.92	9.6	ng/ul	345194	2	11.06	719852	20.0
(DEL) Alkane: Str...	10.98	7.6	ng/ul	272548	2	11.06	719852	20.0
1H-Benzimidazole,...	11.29	24.4	ng/ul	877007	2	11.06	719852	20.0
2-Propenal, 2-met...	11.42	23.7	ng/ul	851822	2	11.06	719852	20.0
1H-Indazole, 3,6-...	11.46	32.9	ng/ul	1185320	2	11.06	719852	20.0
1H-Benzimidazole,...	11.53	8.2	ng/ul	294783	2	11.06	719852	20.0
Phenol, 3-(1-meth...	11.58	19.3	ng/ul	693798	2	11.06	719852	20.0
Phenol, 2,4,6-tri...	11.65	12.6	ng/ul	453327	2	11.06	719852	20.0
Phenol, 3-ethyl-5...	11.87	40.2	ng/ul	1446920	2	11.06	719852	20.0
Phenol, 3,4,5-tri...	12.07	10.5	ng/ul	378216	2	11.06	719852	20.0
Phenol, 2,3,5-tri...	12.12	16.3	ng/ul	585322	2	11.06	719852	20.0
(DEL) Alkane: Str...	12.42	18.4	ng/ul	663684	2	11.06	719852	20.0
Ethanone, 1-[4-(1...	12.58	17.0	ng/ul	611703	2	11.06	719852	20.0
unknown-03	12.82	7.9	ng/ul	285666	2	11.06	719852	20.0
2,5,6-Trimethylbe...	13.01	10.2	ng/ul	742750	3	14.86	1455920	20.0
1,3-Benzenediamin...	13.04	7.7	ng/ul	560256	3	14.86	1455920	20.0
unknown-04	13.21	3.6	ng/ul	265767	3	14.86	1455920	20.0
unknown-05	13.27	7.2	ng/ul	522880	3	14.86	1455920	20.0
Benzene, heptyl-	13.35	3.3	ng/ul	240444	3	14.86	1455920	20.0
1-Methyl-2-n-hexy...	13.39	3.3	ng/ul	240302	3	14.86	1455920	20.0
(DEL) Alkane: Cyc...	13.56	8.3	ng/ul	606053	3	14.86	1455920	20.0
(DEL) Alkane: Str...	13.64	11.2	ng/ul	816781	3	14.86	1455920	20.0
1H-Inden-1-one, 2...	13.81	9.6	ng/ul	698281	3	14.86	1455920	20.0
(DEL) Alkane: Str...	14.70	13.2	ng/ul	962354	3	14.86	1455920	20.0
(DEL) Alkane: Cyc...	15.59	9.3	ng/ul	676757	3	14.86	1455920	20.0
(DEL) Alkane: Str...	15.65	24.1	ng/ul	1756560	3	14.86	1455920	20.0
(DEL) Alkane: Str...	16.50	19.7	ng/ul	1586860	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	16.73	8.7	ng/ul	699668	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	16.81	6.0	ng/ul	482943	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	17.25	6.0	ng/ul	479935	4	17.60	1608430	20.0
(DEL) Alkane: Str...	17.30	19.0	ng/ul	1527070	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	17.99	4.8	ng/ul	382546	4	17.60	1608430	20.0
(DEL) Alkane: Str...	18.03	17.0	ng/ul	1366660	4	17.60	1608430	20.0
(DEL) Alkane: Str...	18.68	4.9	ng/ul	391528	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	18.72	13.3	ng/ul	1067520	4	17.60	1608430	20.0
(DEL) Alkane: Str...	19.31	3.2	ng/ul	257056	4	17.60	1608430	20.0
(DEL) Alkane: Cyc...	19.34	9.6	ng/ul	773233	4	17.60	1608430	20.0
(DEL) Alkane: Str...	19.89	3.3	ng/ul	319967	5	21.89	1954360	20.0
(DEL) Alkane: Cyc...	19.91	5.5	ng/ul	542384	5	21.89	1954360	20.0
(DEL) Alkane: Str...	20.44	7.5	ng/ul	733164	5	21.89	1954360	20.0

(DEL) Alkane: Str...	20.92	3.5	ng/ul	338507	5	21.89	1954360	20.0
(DEL) Alkane: Cyc...	21.46	4.0	ng/ul	393559	5	21.89	1954360	20.0

Instrument :
BNA_G
ClientSampleId :
DA827