LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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	7.422	772	780	789	rVB6	30544	91079	6.41%	0.393%
2	7.551	793	802	806	rBV4	17728	42875	3.02%	0.185%
3	7.769	832	839	844	rBV7	26494	52139	3.67%	0.225%
4	7.863	849	855	862	rVB3	28742	52836	3.72%	0.228%
5	8.233	909	918	930	rVV	242472	465016	32.72%	2.006%
6	8.333	930	935	943	rVV4	21976	45262	3.18%	0.195%
7	8.521	960	967	976	rBV7	15267	39370	2.77%	0.170%
8	8.685	987	995	1003	rBV3	97130	176327	12.41%	0.761%
9	8.856	1019	1024	1033	rBV8	22593	56718	3.99%	0.245%
10	8.944	1033	1039	1045	rVV4	29487	57927	4.08%	0.250%
11	9.014	1045	1051	1065	rVB3	221381	461277	32.45%	1.990%
12	9.332	1101	1105	1112	rVB8	39989	83694	5.89%	0.361%
13	9.420	1114	1120	1126	rVB3	51625	92589	6.51%	0.399%
14	9.666	1155	1162	1166	rBV3	64683	130042	9.15%	0.561%
15	9.702	1166	1168	1176	rVV4	35827	74199	5.22%	0.320%
16	9.778	1176	1181	1188	rVB2	83777	144960	10.20%	0.625%
17	10.013	1214	1221	1229	rVB	76126	135329	9.52%	0.584%
18	10.142	1235	1243	1249	rBV8	33407	75669	5.32%	0.326%
19	10.219	1249	1256	1259	rBV	218137	410526	28.88%	1.771%
20	10.489	1287	1302	1306	rBV	378102	902203	63.47%	3.892%
21	10.689	1329	1336	1342	rBV4	112261	226681	15.95%	0.978%
22	10.753	1342	1347	1359	rVB8	40117	96899	6.82%	0.418%
23	10.877	1359	1368	1370	rBV6	59405	133044	9.36%	0.574%
24	10.924	1371	1376	1390	rVV9	104377	377797	26.58%	1.630%
25	11.059	1390	1399	1405	rVV	335620	645054	45.38%	2.782%
26	11.106	1405	1407	1413	rVB2	62088	100977	7.10%	0.436%
27	11.194	1416	1422	1428	rBV2	85891	161619	11.37%	0.697%
28	11.294	1433	1439	1441	rBV2	45437	81948	5.77%	0.353%
29	11.411	1452	1459	1463	rBV4	120457	252601	17.77%	1.090%
30	11.458	1463	1467	1477	rVB4	108235	223244	15.71%	0.963%
31	11.588	1482	1489	1494	rVB	141559	249397	17.55%	1.076%
32	11.641	1494	1498	1499	rBV3	52238	66321	4.67%	0.286%
33	11.870	1531	1537	1548	rBV2	460734	871448	61.31%	3.759%
34	12.070	1564	1571	1575	rBV5	128365	264598	18.62%	1.141%

LSC Area Percent Report

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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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	12.117	1575	1579	1584	rVB2	93369	150924	10.62%	0.651%
36	12.199	1586	1593	1605	rVB3	169369	337405	23.74%	1.455%
37	12.404	1624	1628	1631	rBV3	43649	81818	5.76%	0.353%
38	12.434	1631	1633	1641	rVB3	69719	111153	7.82%	0.479%
39	12.569	1648	1656	1672	rVB9	52932	193774	13.63%	0.836%
40	12.698	1673	1678	1682	rBV	180015	341732	24.04%	1.474%
41	12.827	1695	1700	1710	rVB7	97490	311413	21.91%	1.343%
42	12.916	1710	1715	1721	rVB3	122622	214514	15.09%	0.925%
43	13.004	1725	1730	1733	rBV5	55956	99060	6.97%	0.427%
44	13.051	1733	1738	1741	rVV3	69083	104706	7.37%	0.452%
45	13.092	1741	1745	1747	rVV4	44785	76066	5.35%	0.328%
46	13.121	1747	1750	1761	rVB5	107742	187407	13.18%	0.808%
47	13.209	1761	1765	1767	rBV5	47908	70837	4.98%	0.306%
48	13.333	1781	1786	1798	rVB2	212288	389731	27.42%	1.681%
49	13.456	1803	1807	1814	rVB5	57797	104668	7.36%	0.451%
50	13.550	1815	1823	1825	rBV6	53240	130622	9.19%	0.563%
51	13.632	1832	1837	1842	rVB3	90910	137415	9.67%	0.593%
52	13.785	1859	1863	1868	rBV6	50380	104758	7.37%	0.452%
53	13.832	1869	1871	1876	rVB6	39047	51878	3.65%	0.224%
54	13.885	1876	1880	1888	rBV6	44959	118473	8.34%	0.511%
55	14.003	1894	1900	1903	rBV3	112043	231847	16.31%	1.000%
56	14.126	1916	1921	1924	rBV7	50549	79257	5.58%	0.342%
57	14.191	1924	1932	1936	rVV4	231512	512775	36.08%	2.212%
58	14.232	1936	1939	1951	rVB3	155198	325022	22.87%	1.402%
59	14.349	1953	1959	1964	rBV10	47410	127817	8.99%	0.551%
60	14.561	1990	1995	2002	rVB3	75783	166292	11.70%	0.717%
61	14.619	2002	2005	2009	rVB4	44908	54229	3.82%	0.234%
62	14.696	2014	2018	2028	rVB4	108043	241891	17.02%	1.043%
63	14.807	2033	2037	2040	rBV2	70003	89144	6.27%	0.385%
64	14.854	2040	2045	2054	rVV	544413	945090	66.49%	4.077%
65	14.984	2063	2067	2073	rVB	296451	411793	28.97%	1.776%
66	15.142	2091	2094	2104	rVB8	56338	123178	8.67%	0.531%
67	15.225	2104	2108	2113	rBV7	64818	133821	9.41%	0.577%
68	15.454	2144	2147	2153	rBV8	32858	56040	3.94%	0.242%
69	15.507	2153	2156	2165	rVB9	58322	104838	7.38%	0.452%
70	15.577	2165	2168	2171	rBV3	70436	103100	7.25%	0.445%
71	15.607	2171	2173	2175	rVV	89997	108686	7.65%	0.469%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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	15.636	2175	2178	2183	rVB	166885	205483	14.46%	0.886%
73	15.771	2191	2201	2208	rBV	371211	656726	46.20%	2.833%
74	15.842	2209	2213	2216	rVV	93304	154972	10.90%	0.668%
75	15.883	2216	2220	2232	rVB5	109987	266062	18.72%	1.148%
76	16.447	2309	2316	2320	rVB8	109454	214691	15.10%	0.926%
77	16.500	2320	2325	2329	rBV3	189515	283919	19.97%	1.225%
78	16.617	2341	2345	2347	rBV4	30153	43239	3.04%	0.187%
79	16.682	2353	2356	2358	rBV4	35595	44718	3.15%	0.193%
80	16.811	2375	2378	2382	rVB5	50773	62777	4.42%	0.271%
81	16.876	2384	2389	2397	rBV8	73113	203861	14.34%	0.879%
82	17.058	2416	2420	2425	rBV7	69057	116842	8.22%	0.504%
83	17.240	2448	2451	2455	rBV3	61056	72136	5.08%	0.311%
84	17.287	2455	2459	2463	rVB	146255	169434	11.92%	0.731%
85	17.434	2480	2484	2491	rVB8	59249	102372	7.20%	0.442%
86	17.598	2505	2512	2519	rBV2	700591	1122587	78.98%	4.842%
87	17.698	2525	2529	2536	rVB	92069	137221	9.65%	0.592%
88	17.769	2537	2541	2547	rVB7	55140	108898	7.66%	0.470%
89	17.986	2575	2578	2581	rVB4	54003	59398	4.18%	0.256%
90	18.027	2581	2585	2597	rVB	159693	269188	18.94%	1.161%
91	18.433	2651	2654	2664	rBV10	57775	102897	7.24%	0.444%
92	18.679	2692	2696	2698	rBV5	61174	76417	5.38%	0.330%
93	18.709	2698	2701	2712	rVB	163324	245194	17.25%	1.058%
94	19.332	2805	2807	2811	rBV	129188	121215	8.53%	0.523%
95	19.878	2897	2900	2902	rBV3	119543	134011	9.43%	0.578%
96	19.972	2912	2916	2921	rBV2	137599	216156	15.21%	0.932%
97	20.430	2988	2994	3000	rVB3	196550	342352	24.09%	1.477%
98	20.912	3072	3076	3083	rBV3	177589	403258	28.37%	1.739%
99	21.893	3237	3243	3252	rVB	816181	1421389	100.00%	6.131%
100	25.313	3818	3825	3837	rVB2	453456	1350530	95.01%	5.826%

Sum of corrected areas: 23182782

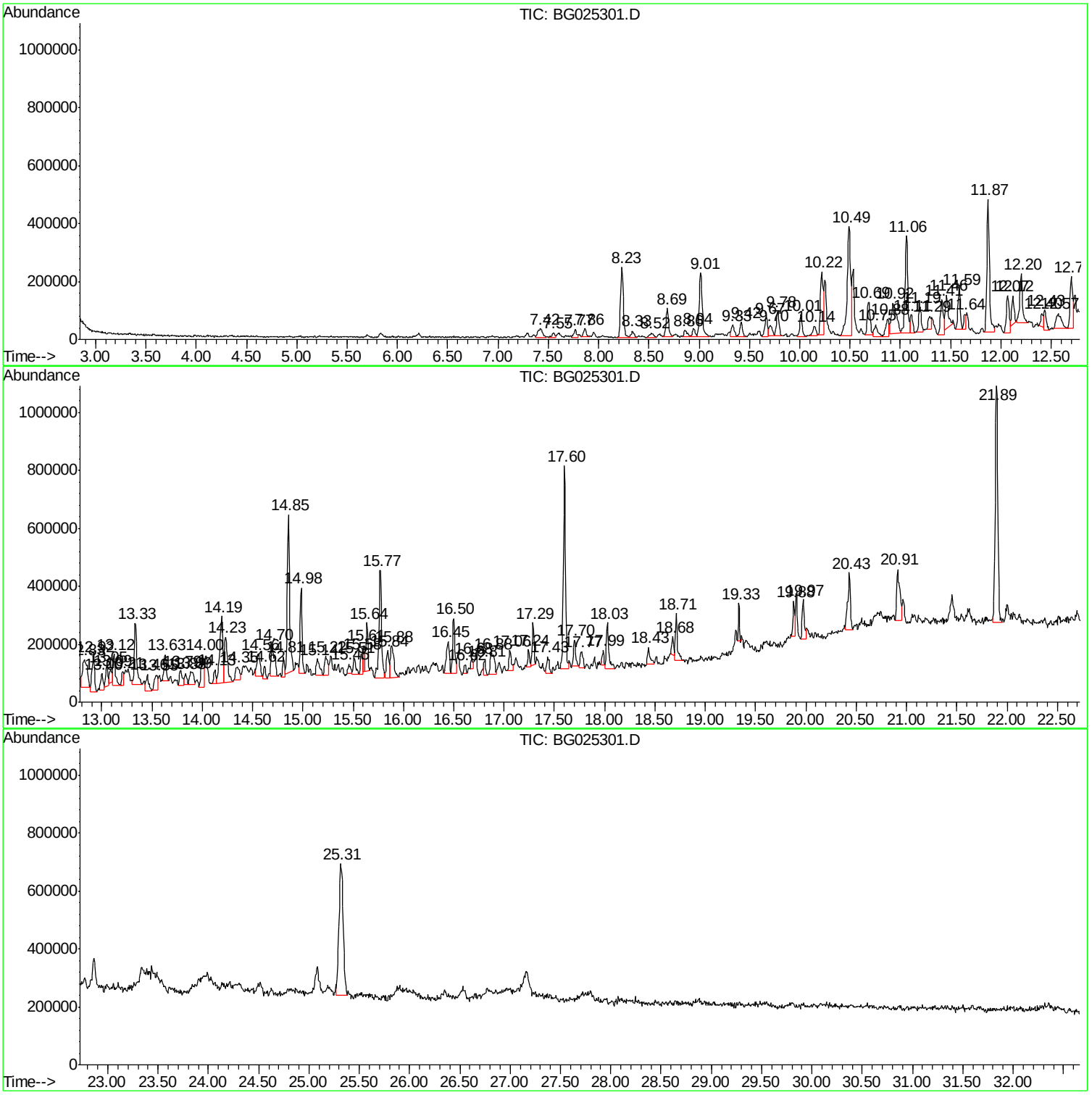
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
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Sample : H5905-01MEDL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA803MEDL

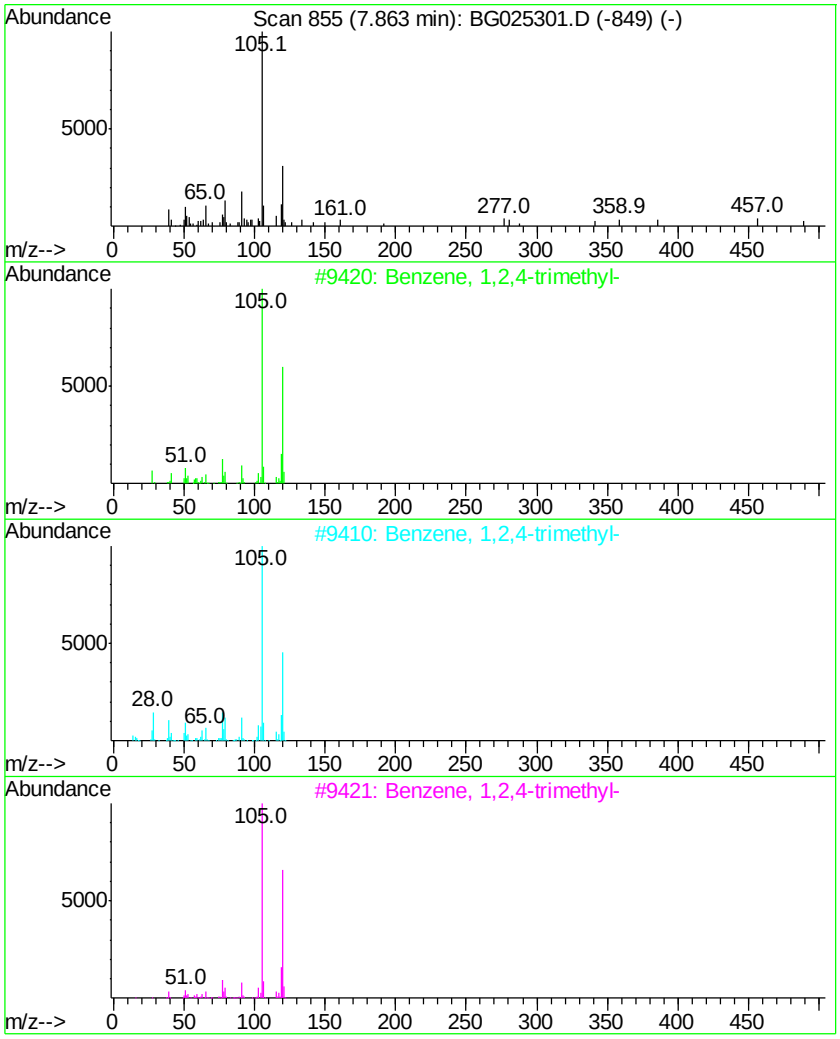
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

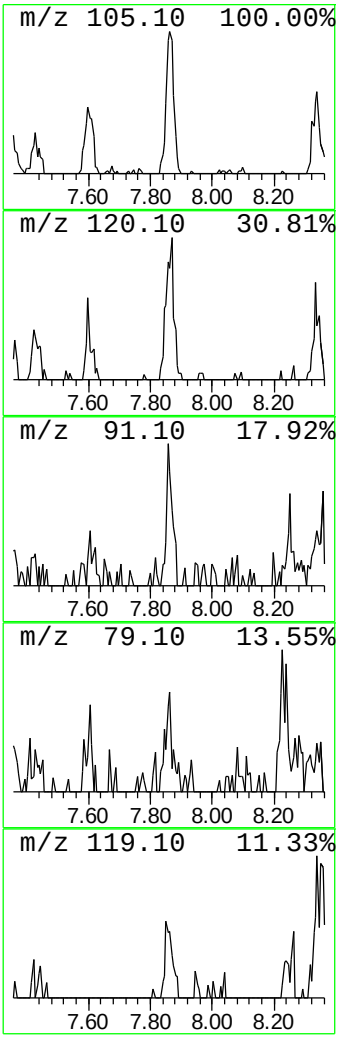
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.27 ng/ul	52836	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

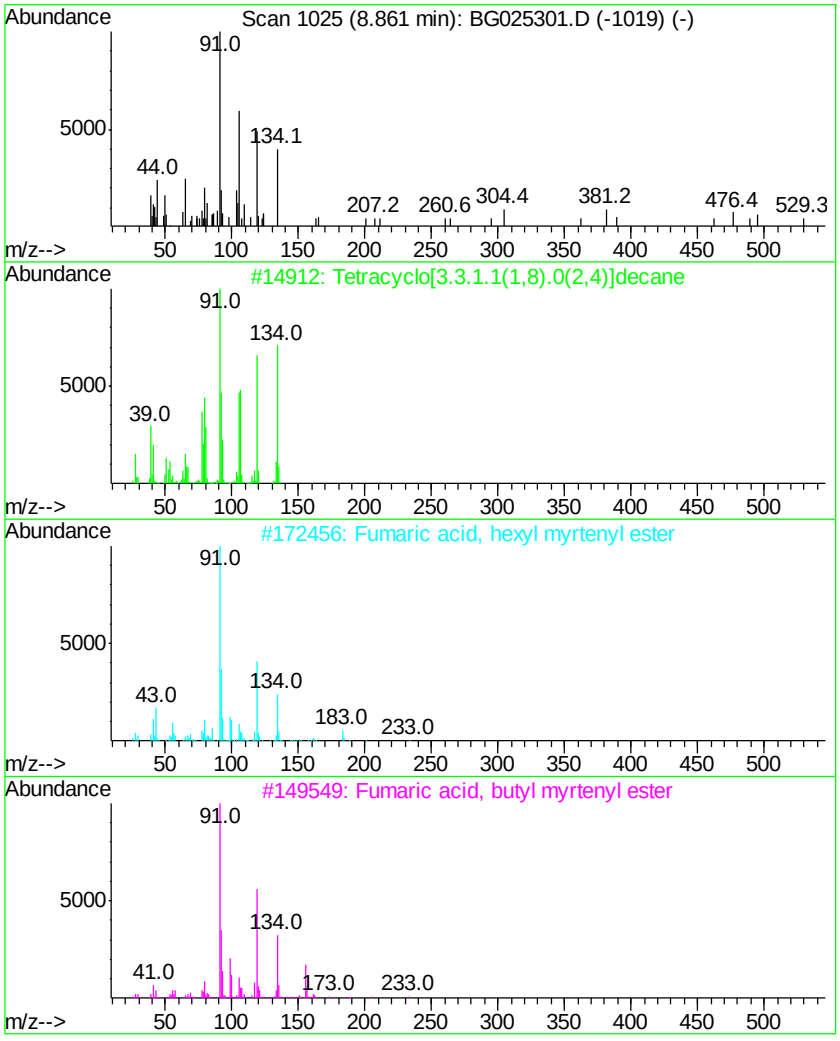
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

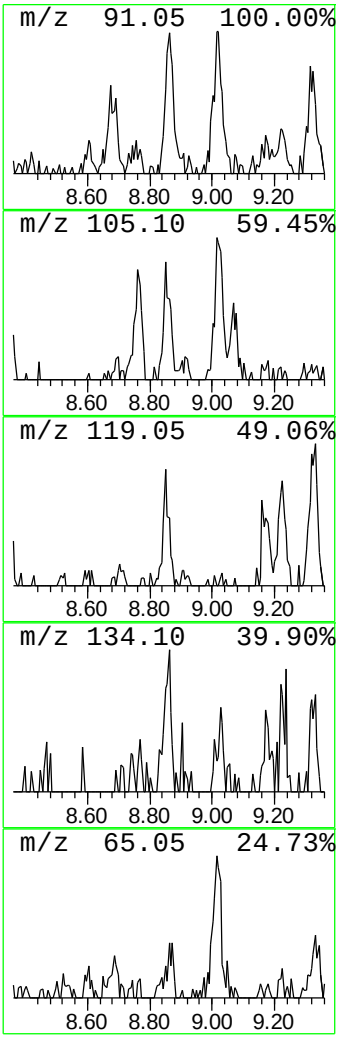
****

Peak Number 2 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	2.44 ng/ul	56718	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	38
2	Fumaric acid, hexyl myrtenyl ester	334	C20H30O4	1000348-81-5	38
3	Fumaric acid, butyl myrtenyl ester	306	C18H26O4	1000348-81-2	27
4	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	27
5	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

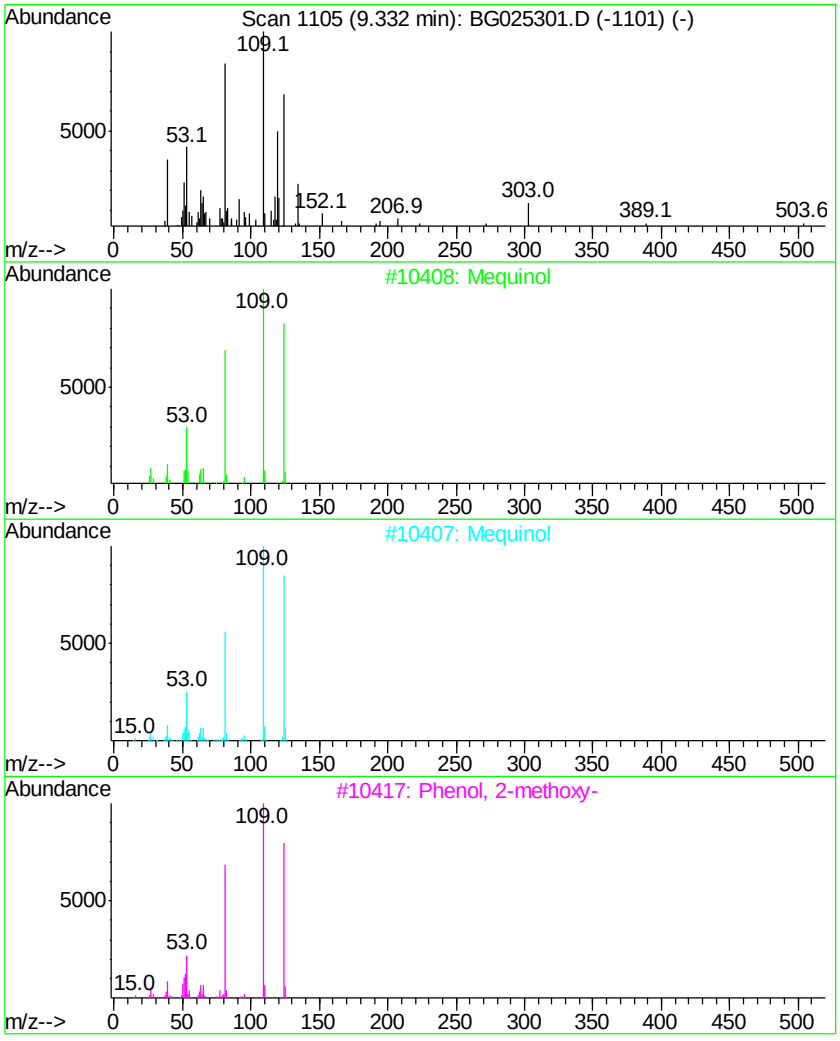
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

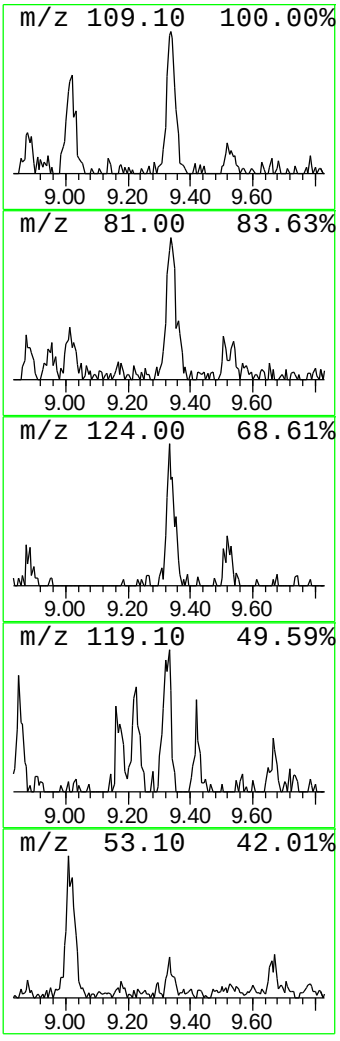
****

Peak Number 3 Mequinol Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	3.60 ng/ul	83694	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	81
2	Mequinol	124	C7H8O2	000150-76-5	74
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	72
4	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	58
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

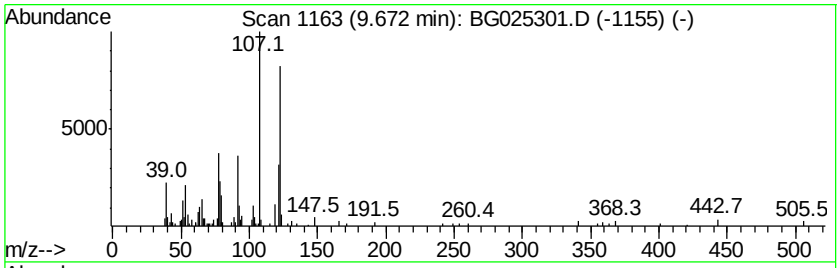
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

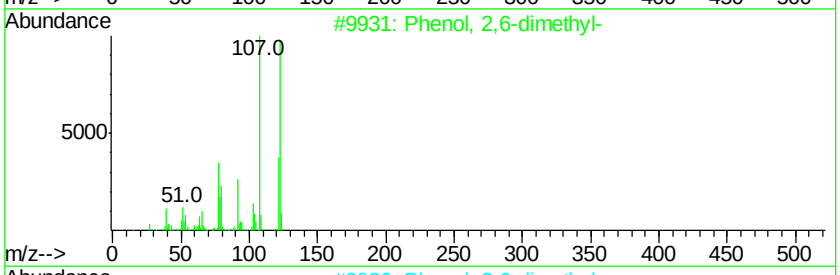
****

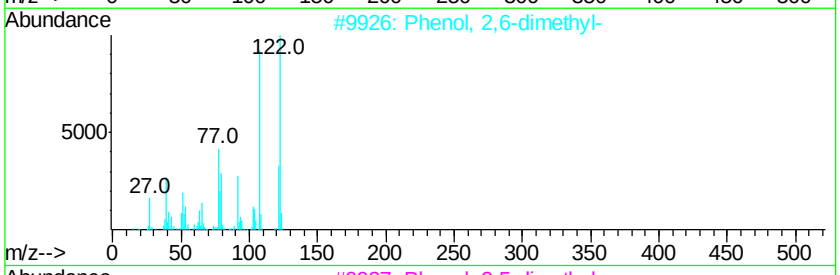
Peak Number 4 Phenol, 2,6-dimethyl- Concentration Rank 29

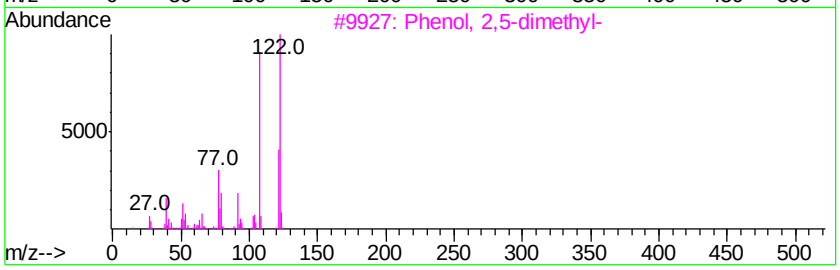
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	4.03 ng/ul	130042	Naphthalene-d8	11.06

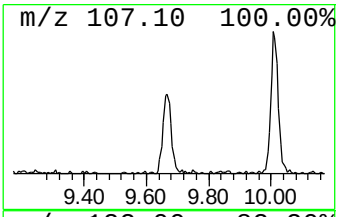
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	87

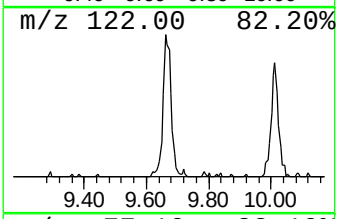


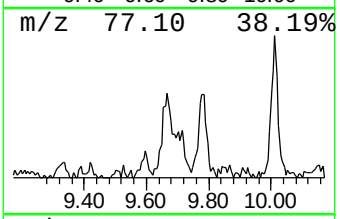


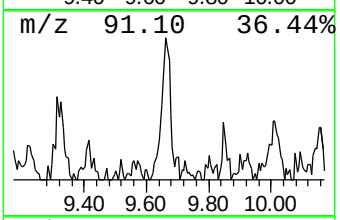


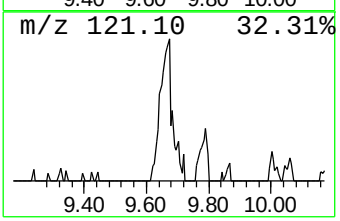












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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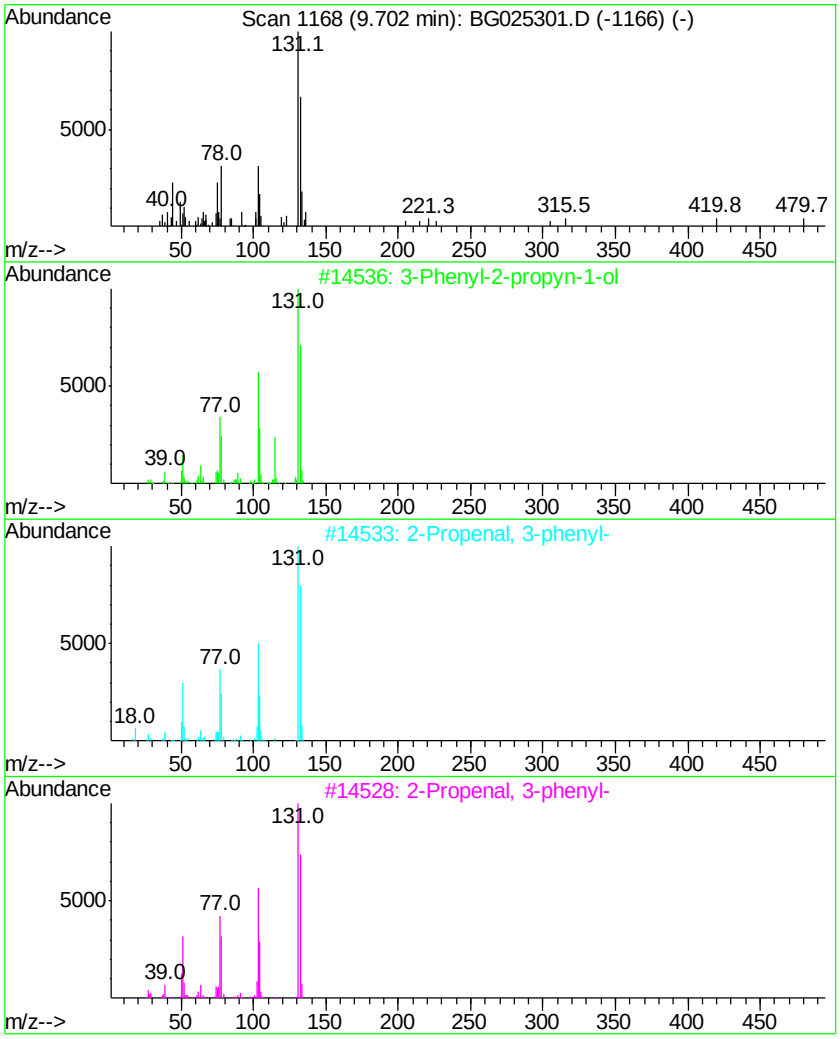
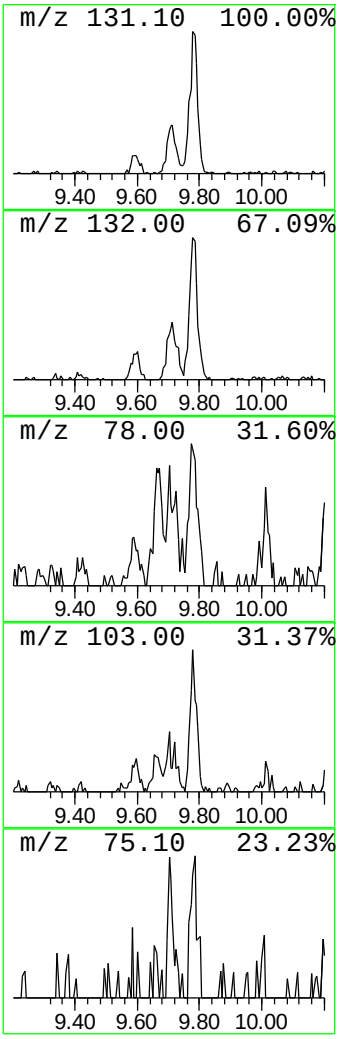
Peak Number 5 3-Phenyl-2-propyn-1-ol Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	2.30 ng/ul	74199	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	59
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	59
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	59
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	59
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	59





Library Search Compound Report

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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

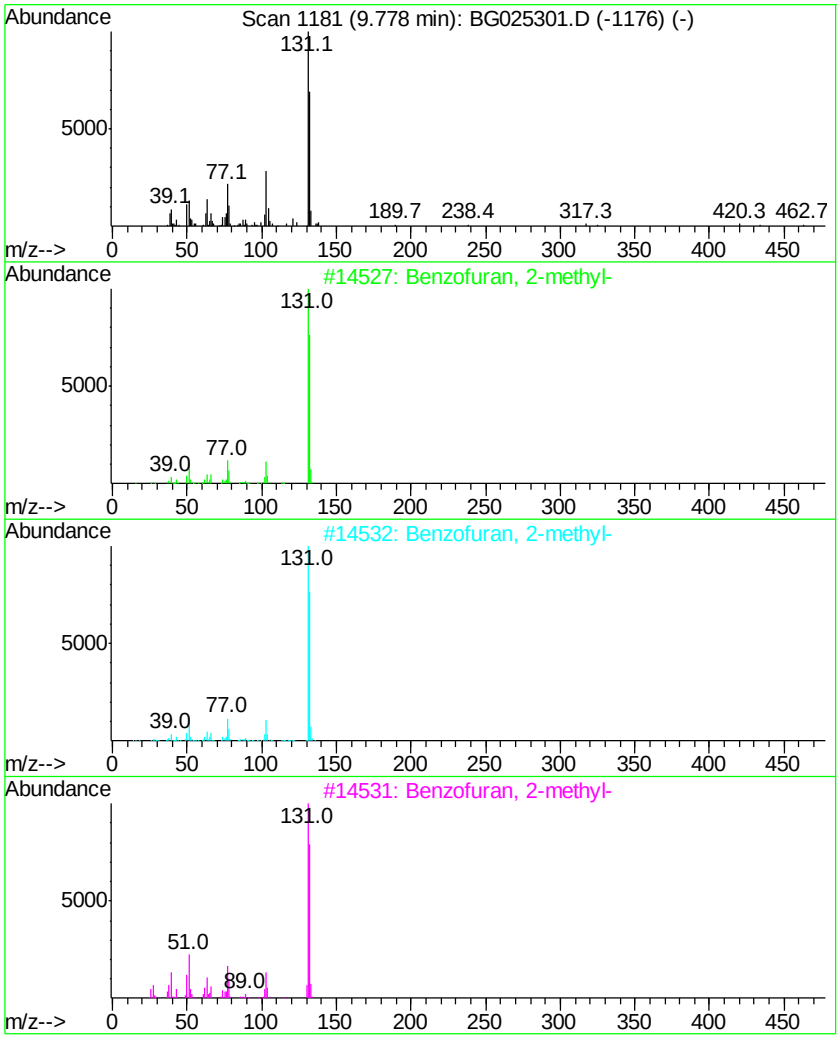
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

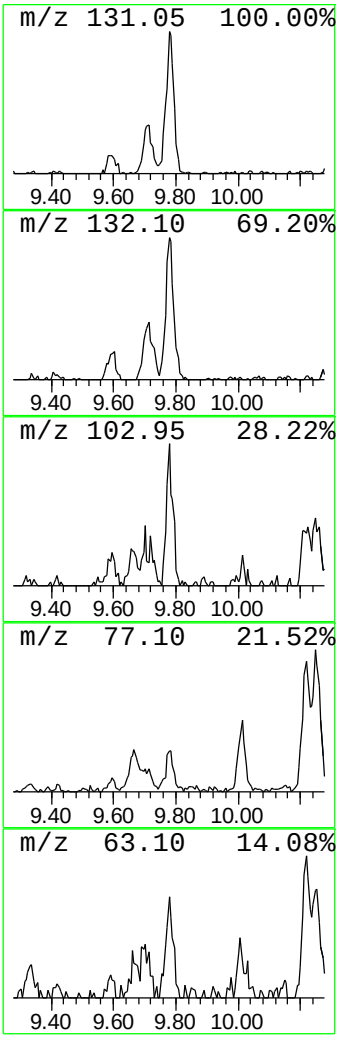
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	4.49 ng/ul	144960	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	86





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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

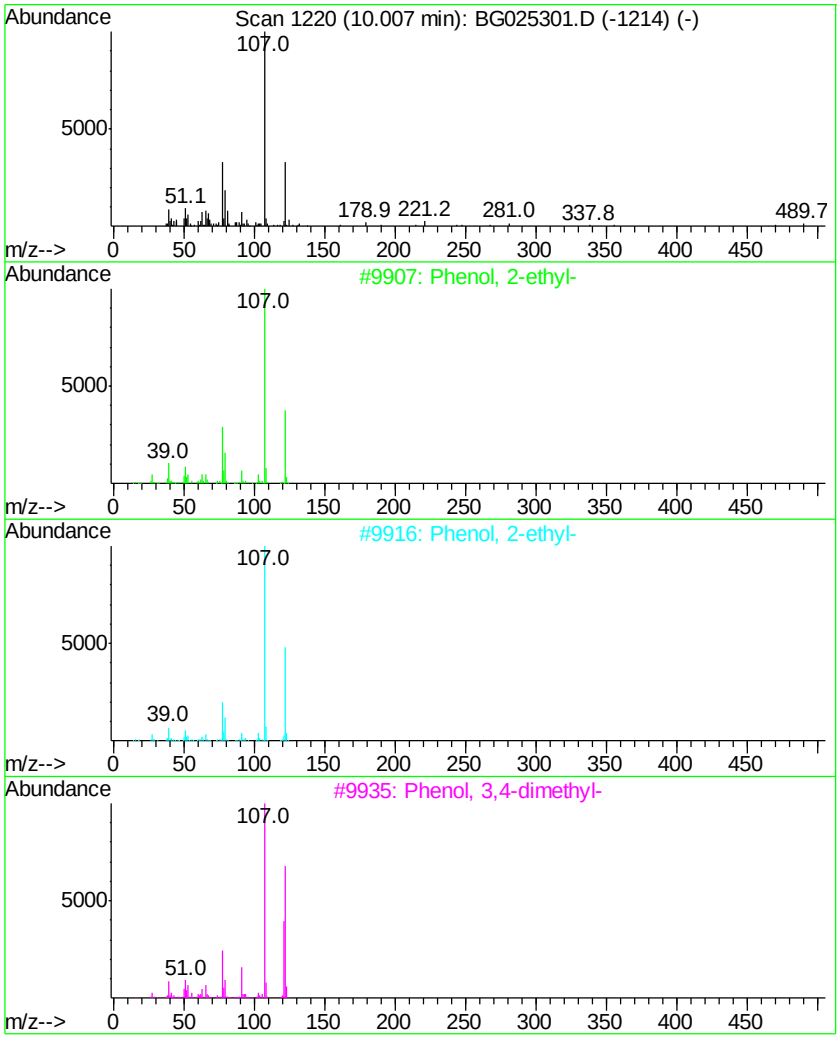
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

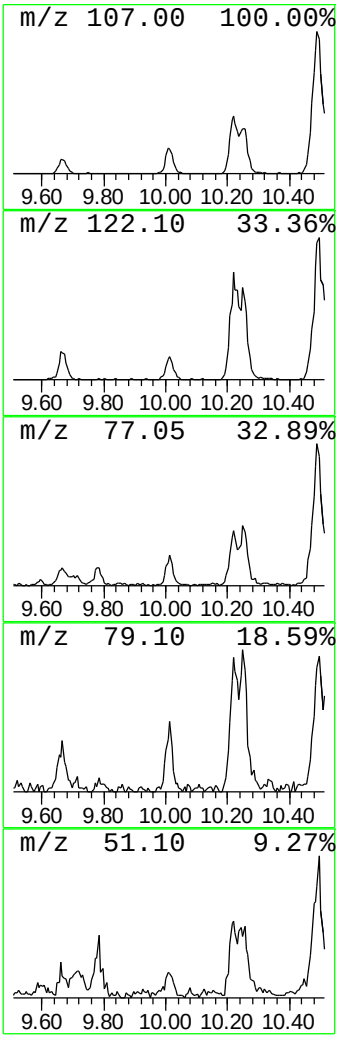
****

Peak Number 7 Phenol, 2-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	4.20 ng/ul	135329	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	78
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	72
4	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	72
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	72





Library Search Compound Report

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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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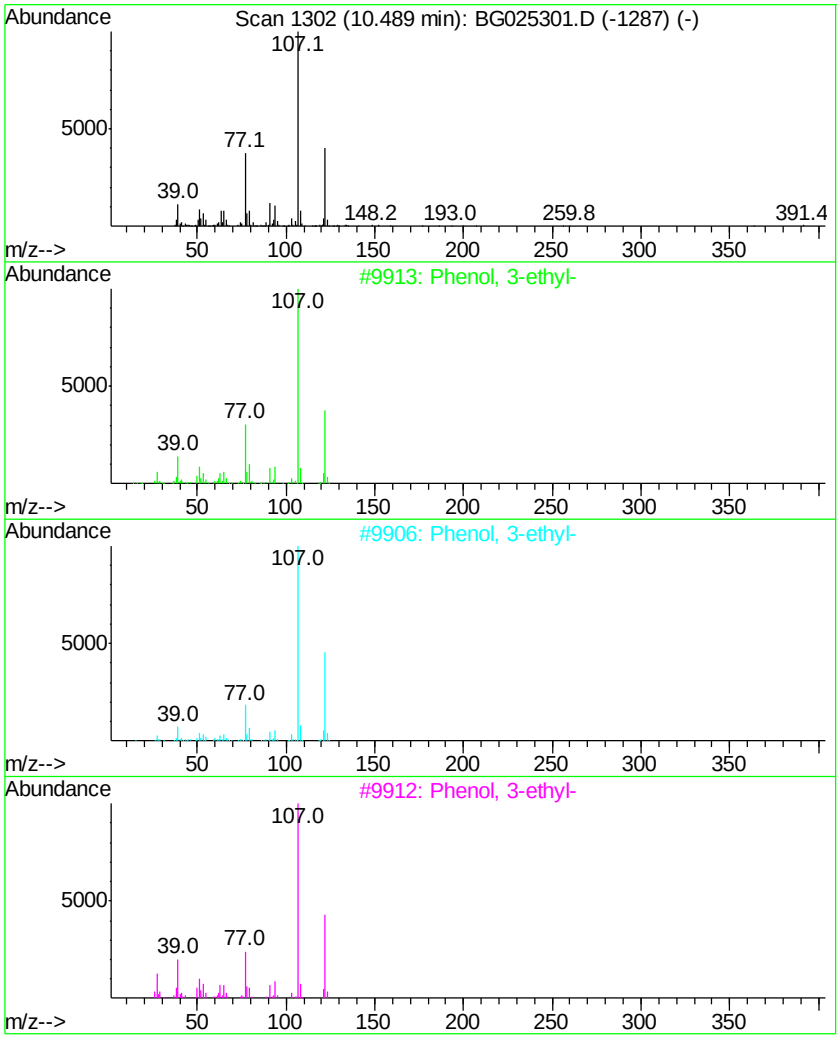
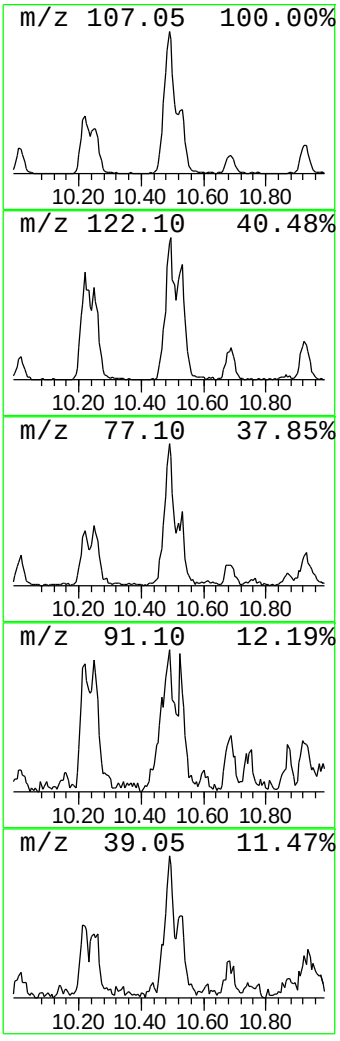
Peak Number 8 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	27.97 ng/ul	902203	Naphthalene-d8	11.06

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





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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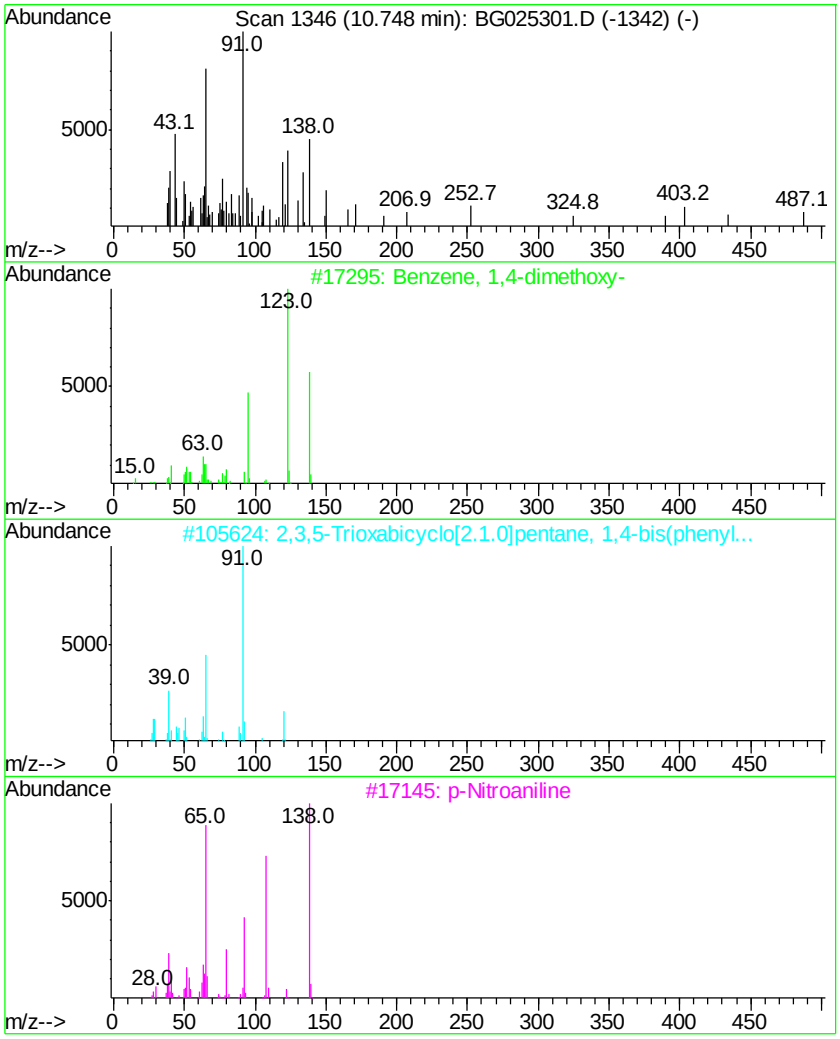
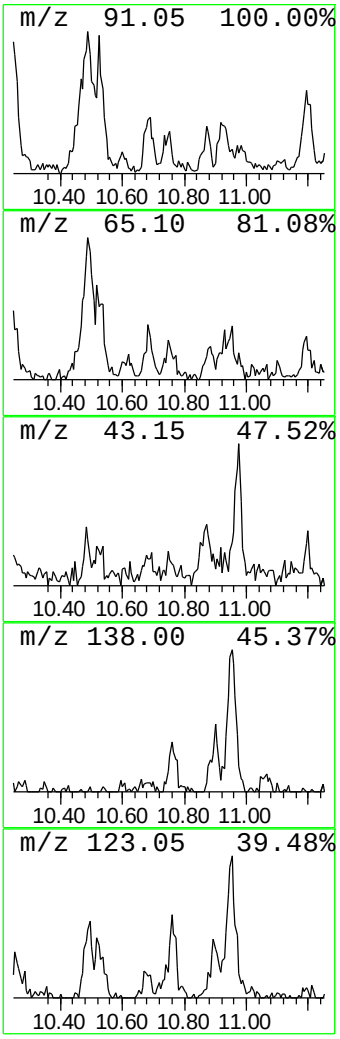
Peak Number 9 Benzene, 1,4-dimethoxy- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.00 ng/ul	96899	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	52
2	2,3,5-Trioxabicyclo[2.1.0]pentan...	254	C16H14O3	056247-48-4	25
3	p-Nitroaniline	138	C6H6N2O2	000100-01-6	25
4	4-Nitrophenanthrene	223	C14H9NO2	017024-17-8	25
5	2,4-Octadiyne	106	C8H10	002809-71-4	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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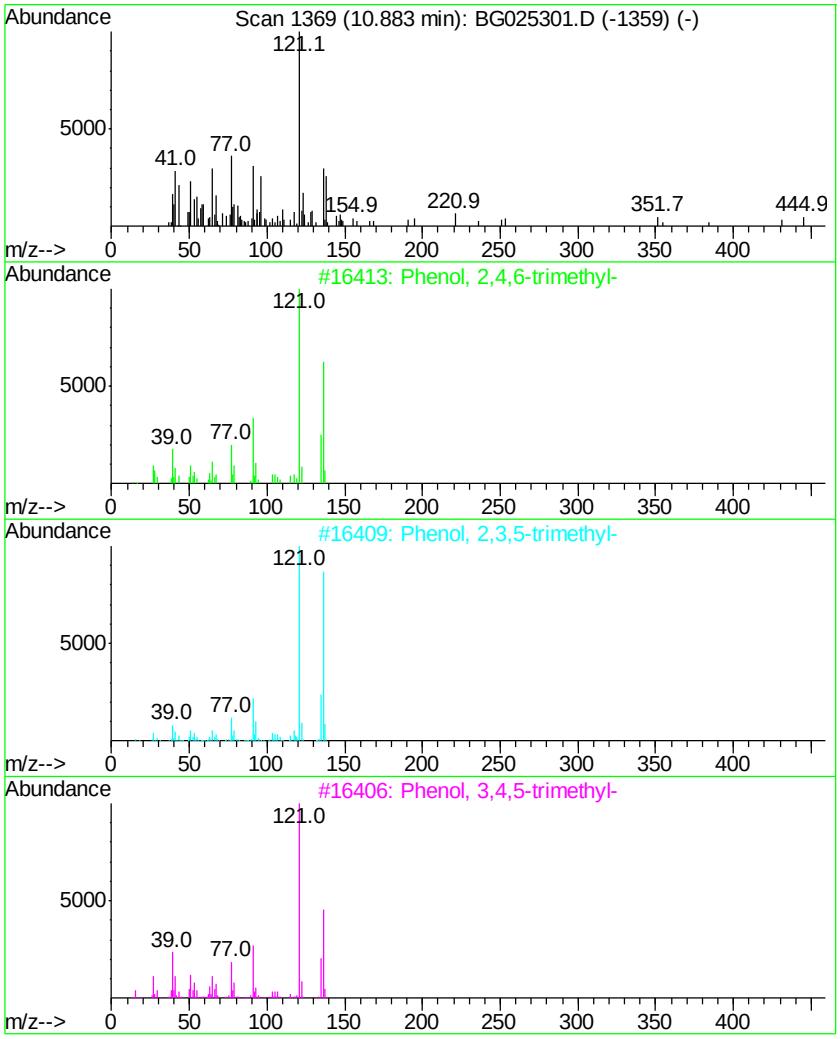
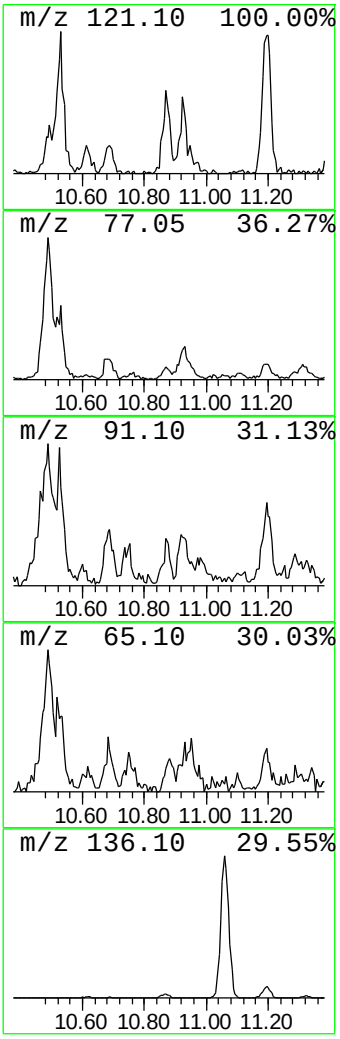
Peak Number 10 Phenol, 2,4,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.13 ng/ul	133044	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	62
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	62
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	62
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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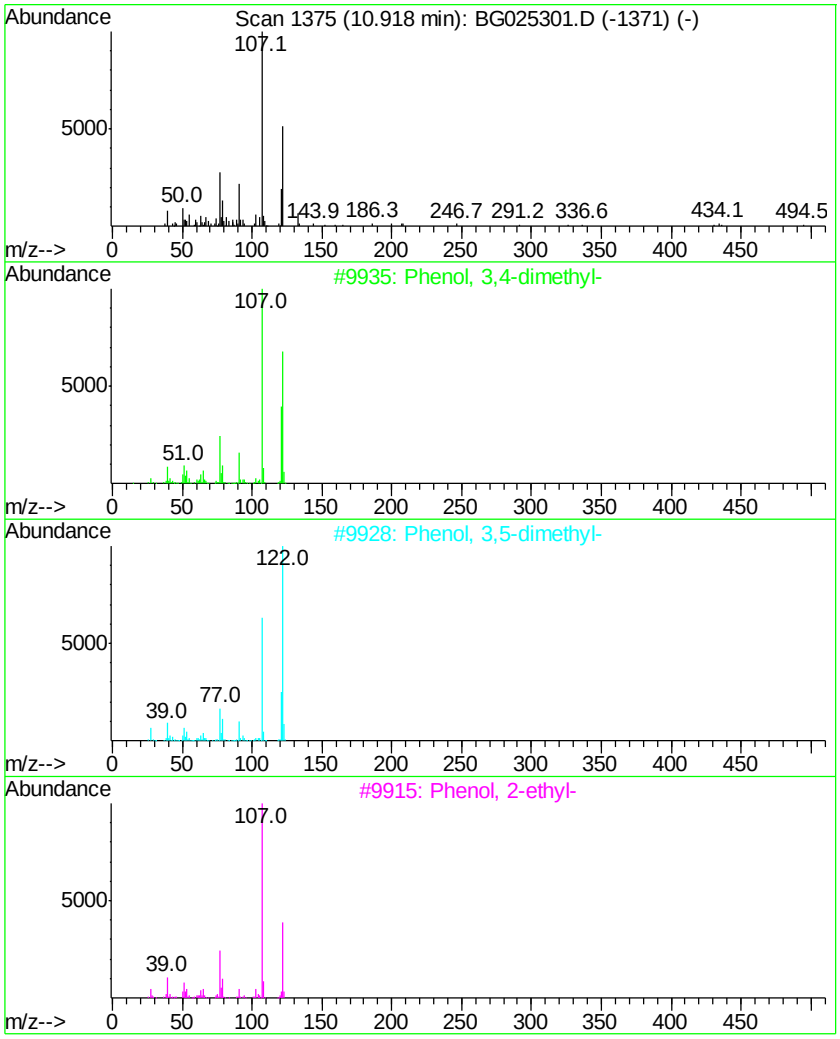
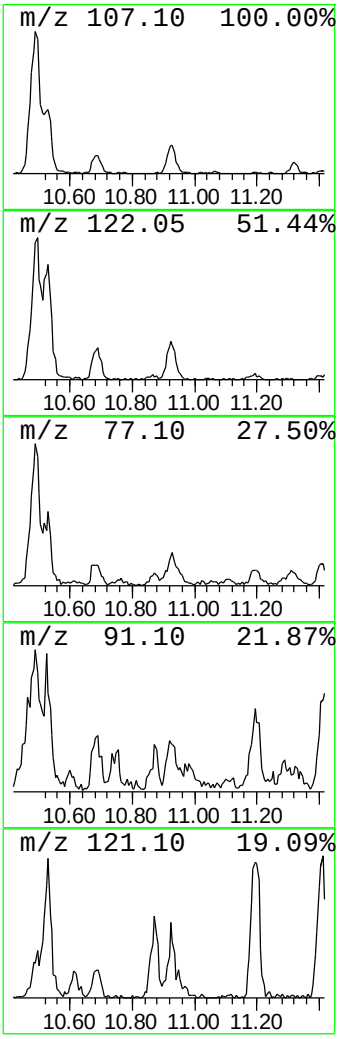
Peak Number 11 Phenol, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	11.71 ng/ul	377797	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	80
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	80
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	80
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	80





Library Search Compound Report

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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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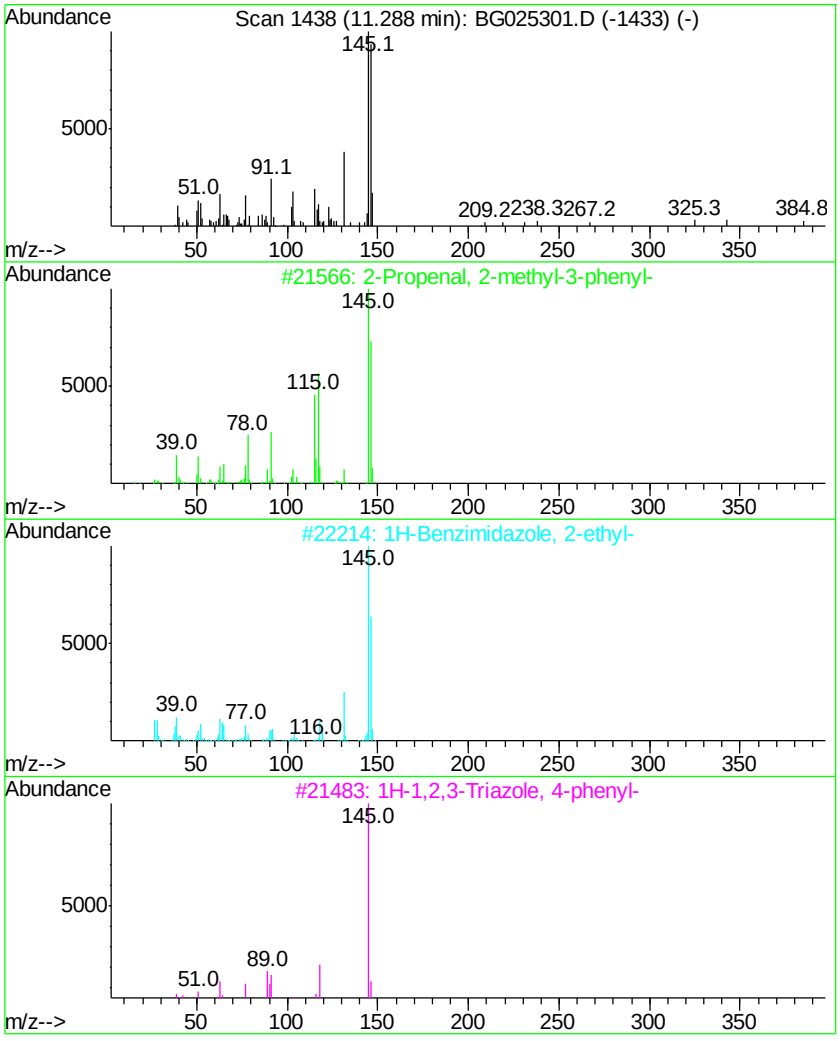
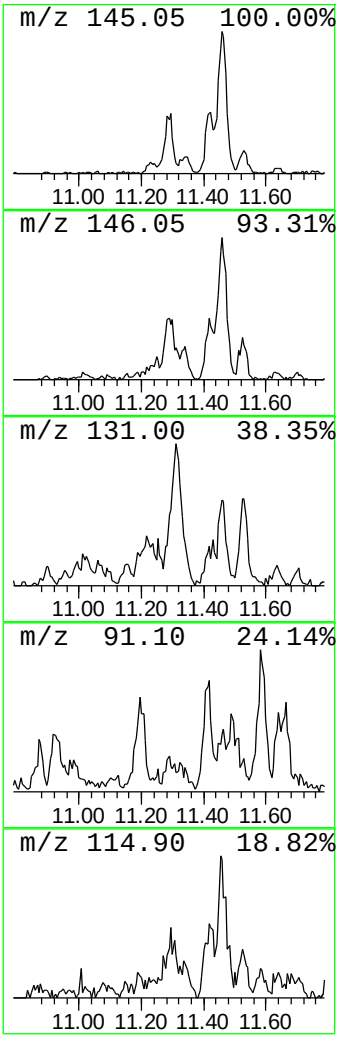
Peak Number 13 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.54 ng/ul	81948	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	53
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
3	1H-1,2,3-Triazole, 4-phenyl-	145	C8H7N3	001680-44-0	43
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	43
5	2-Quinazolinamine	145	C8H7N3	001687-51-0	38





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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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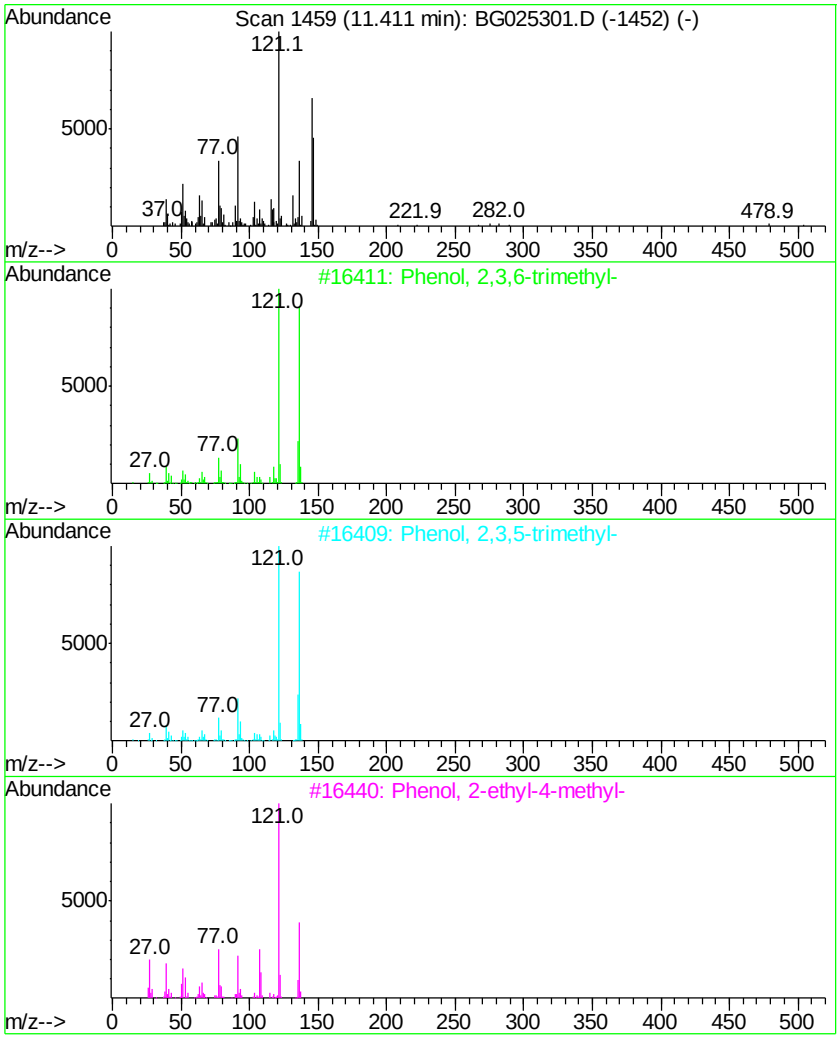
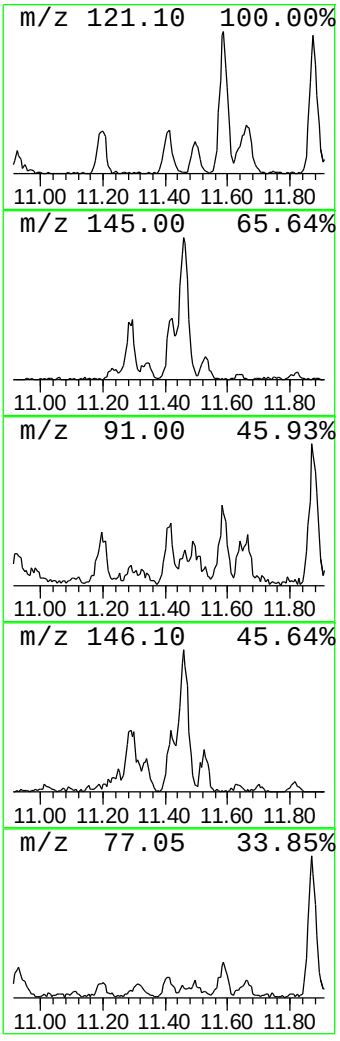
Peak Number 14 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	7.83 ng/ul	252601	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	38
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	38
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	35
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	35
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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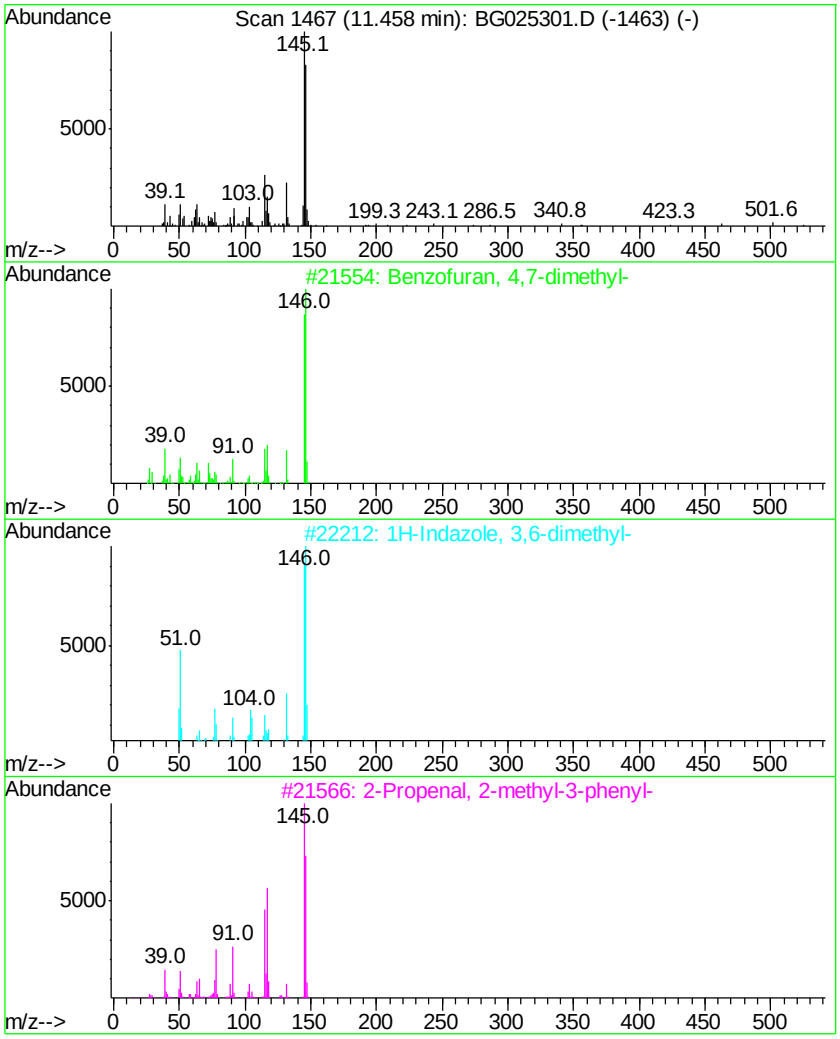
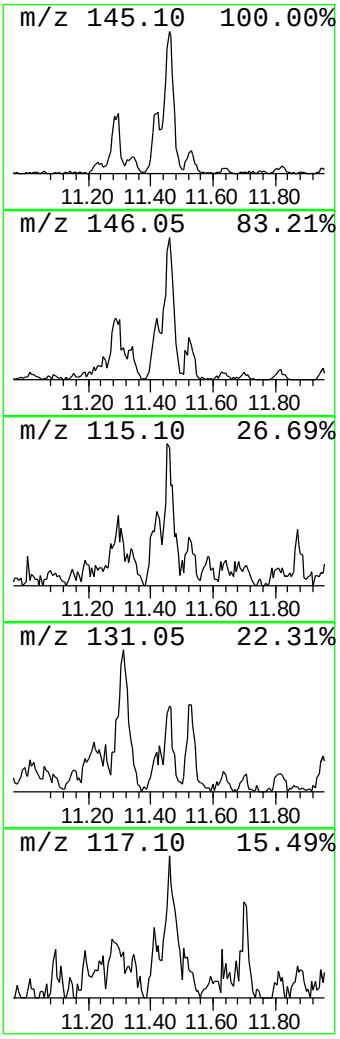
Peak Number 15 Benzofuran, 4,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	6.92 ng/ul	223244	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	74
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59





Library Search Compound Report

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Data File : BG025301.D
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Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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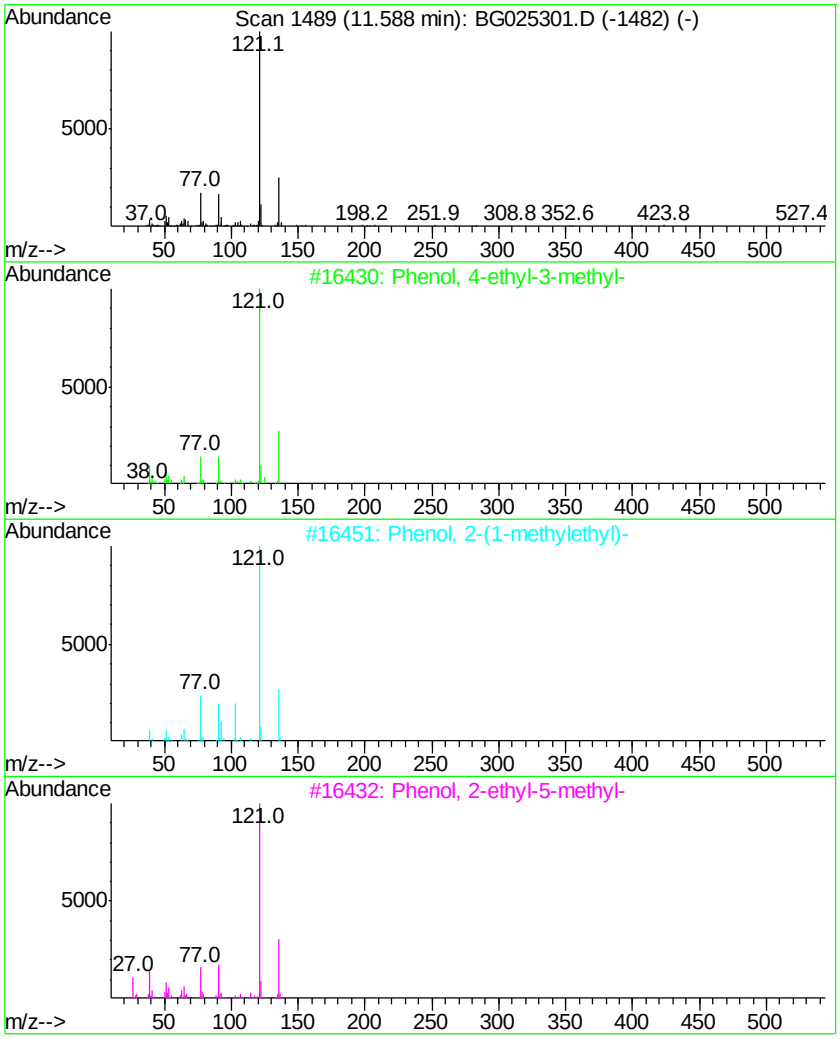
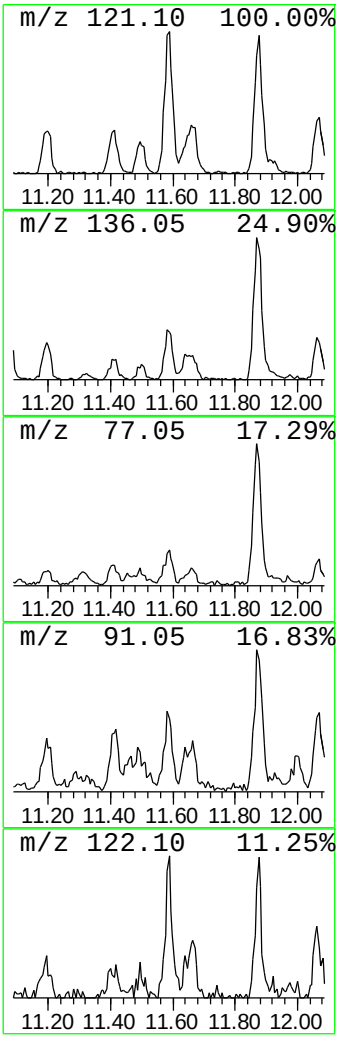
Peak Number 16 Phenol, 4-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	7.73 ng/ul	249397	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	93
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
4	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	80
5	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	80





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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

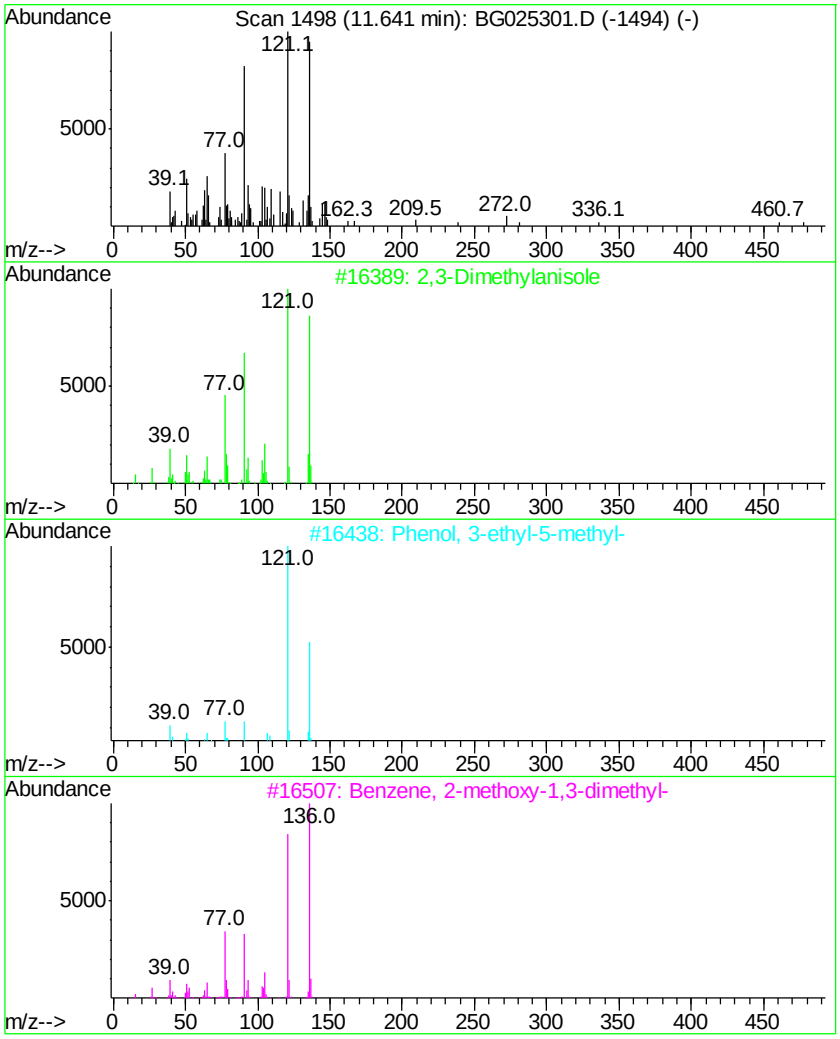
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

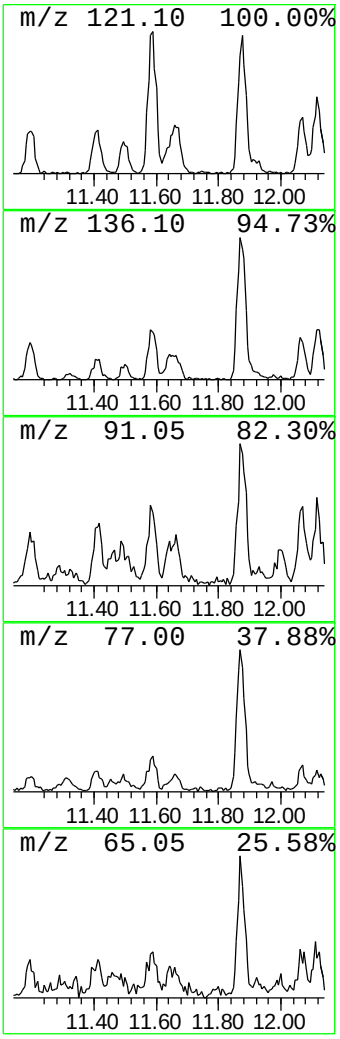
****

Peak Number 17 2,3-Dimethylanisole Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.06 ng/ul	66321	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethylanisole	136	C9H12O	002944-49-2	60
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	60
3	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	53
4	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	53
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	53





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

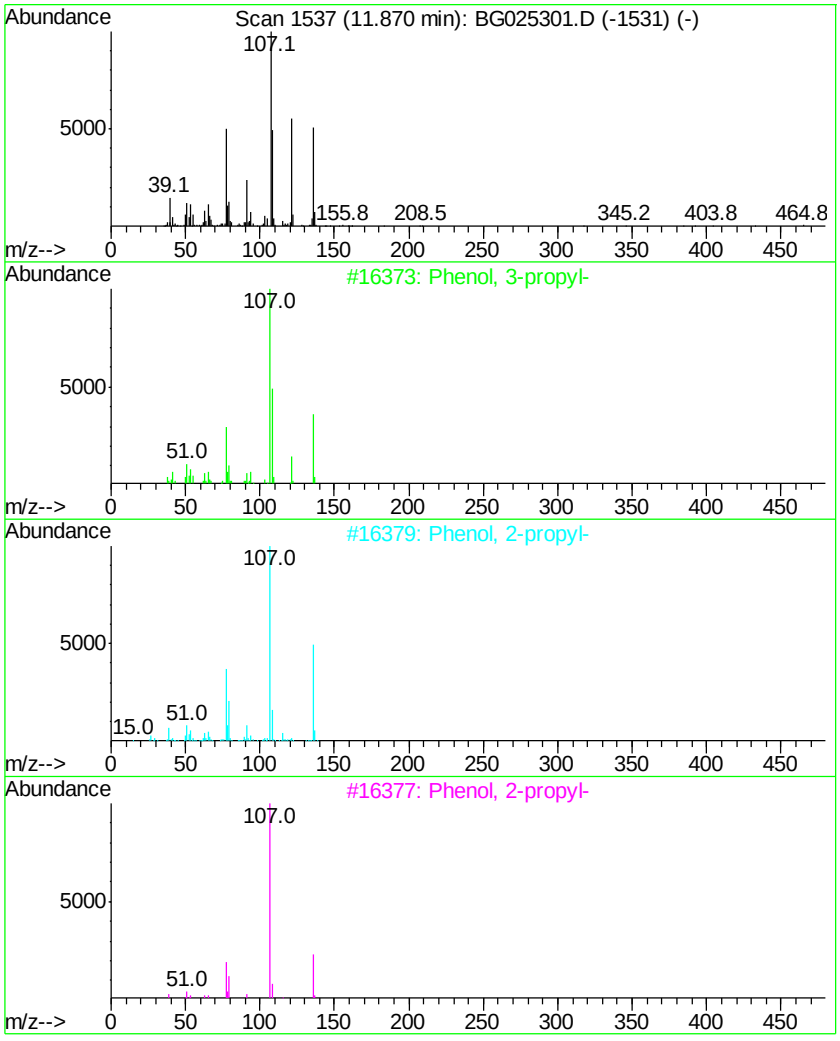
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

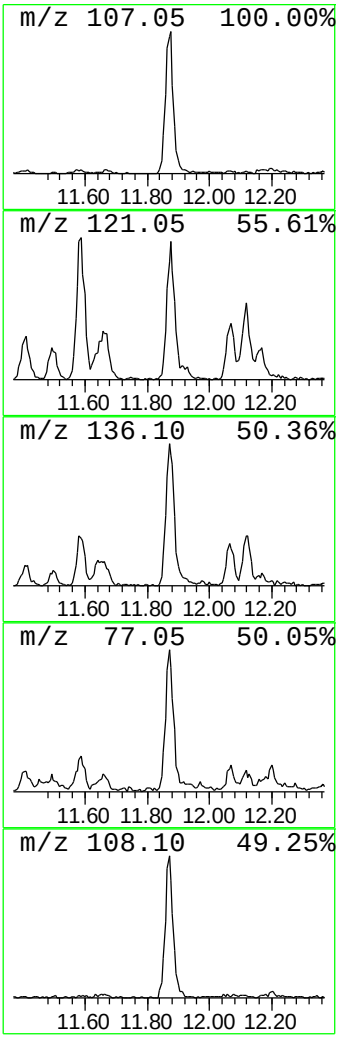
****

Peak Number 18 Phenol, 3-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	27.02 ng/ul	871448	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	87
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	58
4	Acetic acid, 2-propylphenyl ester	178	C11H14O2	035922-83-9	50
5	Phenol, 4-propyl-	136	C9H12O	000645-56-7	46





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

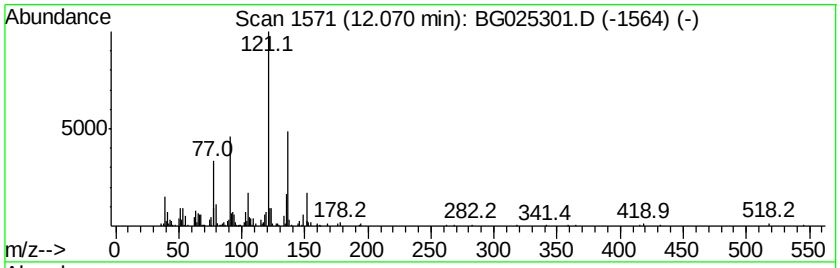
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

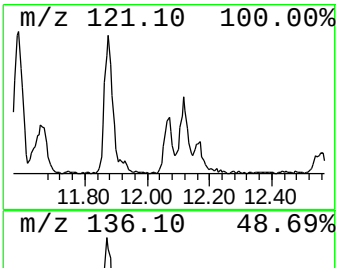
****

Peak Number 19 Phenol, 3,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	8.20 ng/ul	264598	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	83
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	83
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	80





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

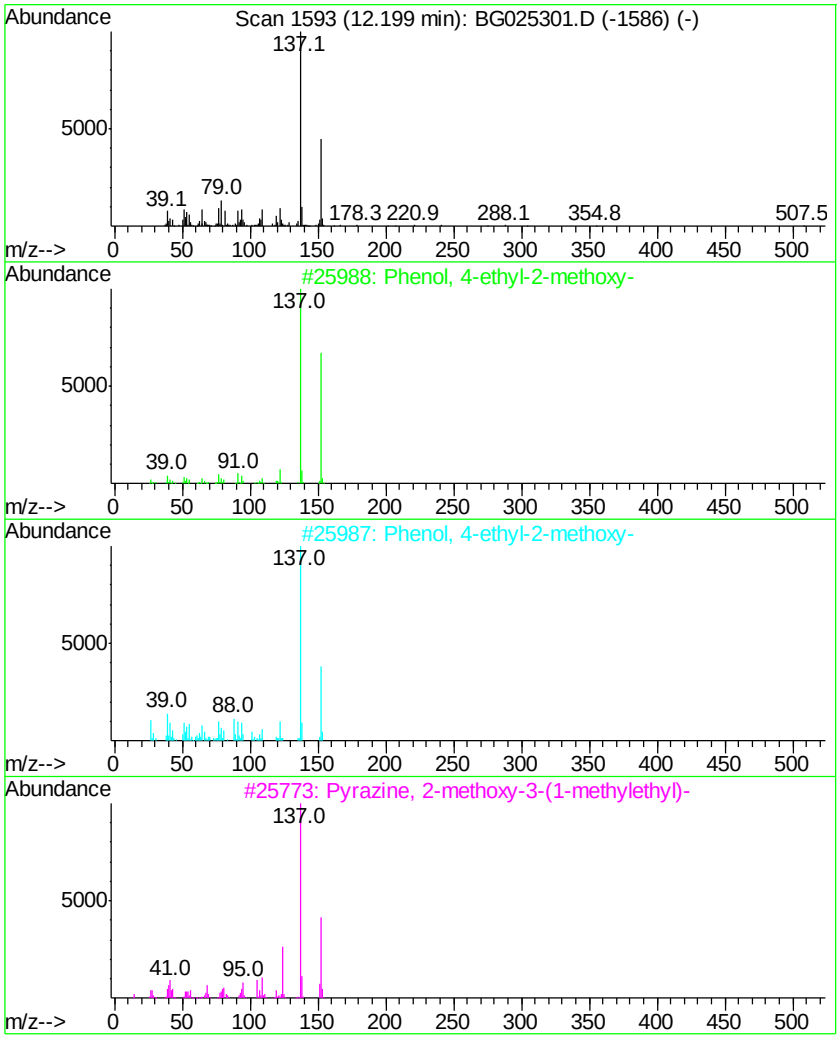
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

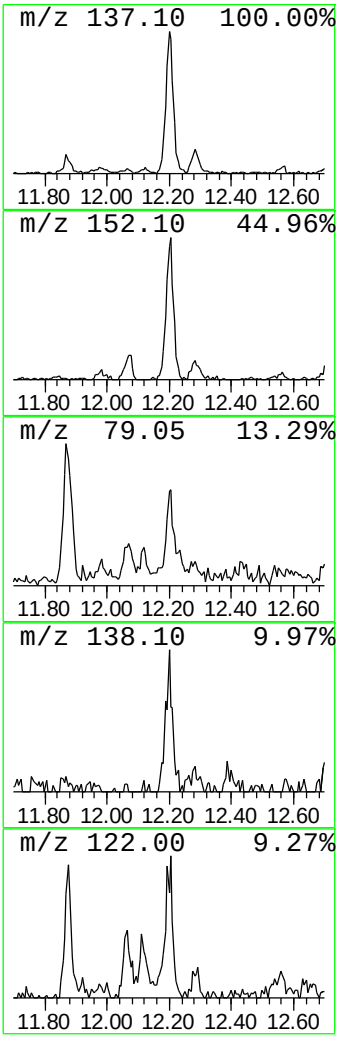
****

Peak Number 21 Phenol, 4-ethyl-2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	10.46 ng/ul	337405	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	90
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	87
3	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	86
4	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	72
5	Ethanone, 1-(2,4-dihydroxyphenyl)-	152	C8H8O3	000089-84-9	72





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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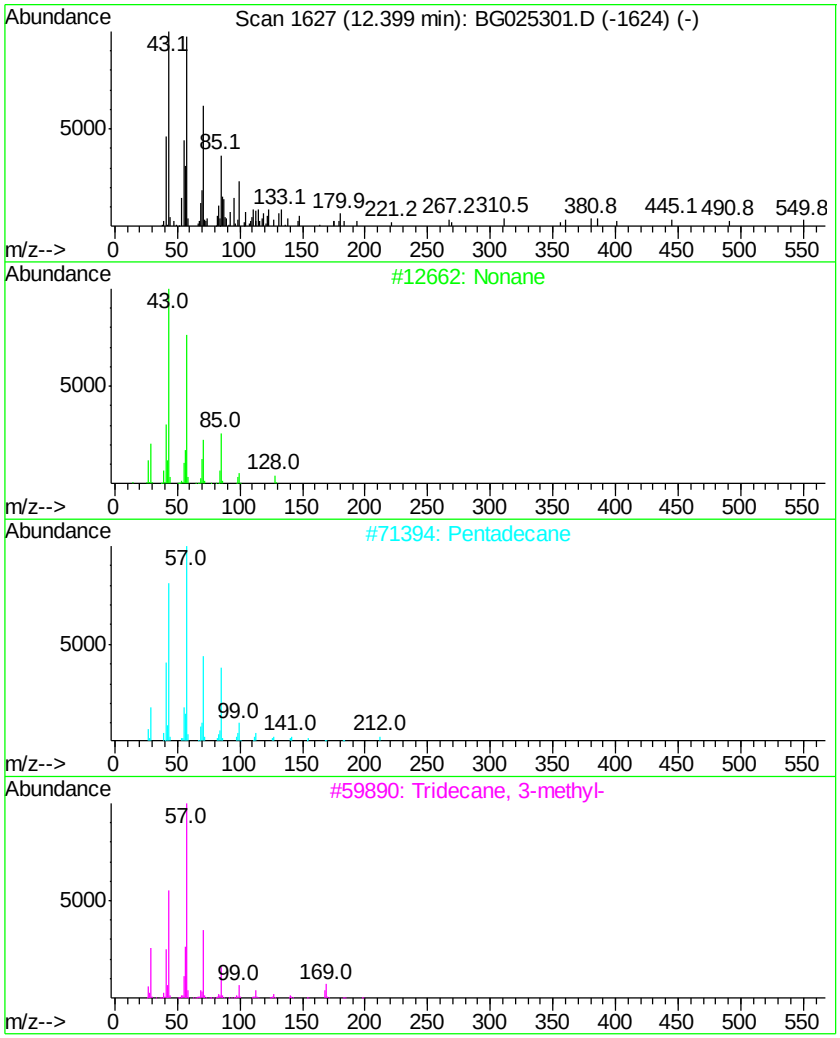
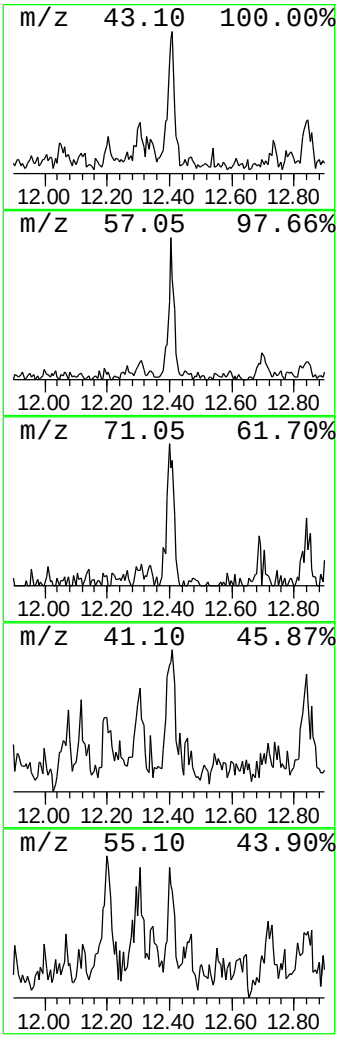
Peak Number 22 unknown-03 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.54 ng/ul	81818	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	43
2	Pentadecane	212	C15H32	000629-62-9	43
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
4	Oxalic acid, decyl isobutyl ester	286	C16H30O4	1000309-37-5	37
5	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	37





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

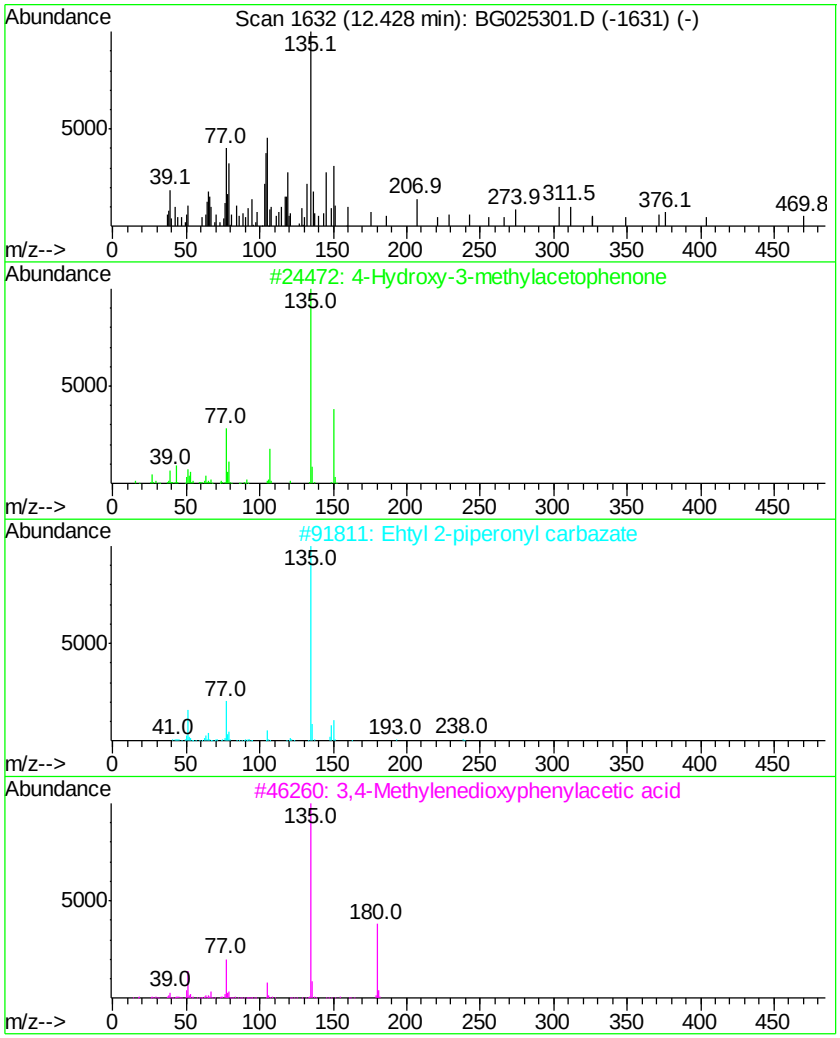
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

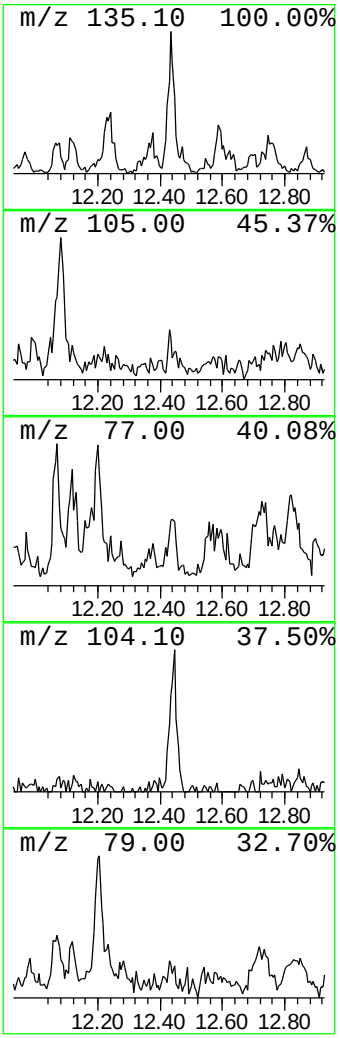
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4-Hydroxy-3-methylacetophenone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.45 ng/ul	111153	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	53
2	Ehtyl 2-piperonyl carbazate	238	C11H14N2O4	031203-56-2	50
3	3,4-Methylenedioxyphenylacetic acid	180	C9H8O4	002861-28-1	47
4	2H-Benzo[f]oxireno[2,3-E]benzofu...	399	C23H29NO5	1000316-31-1	47
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	47





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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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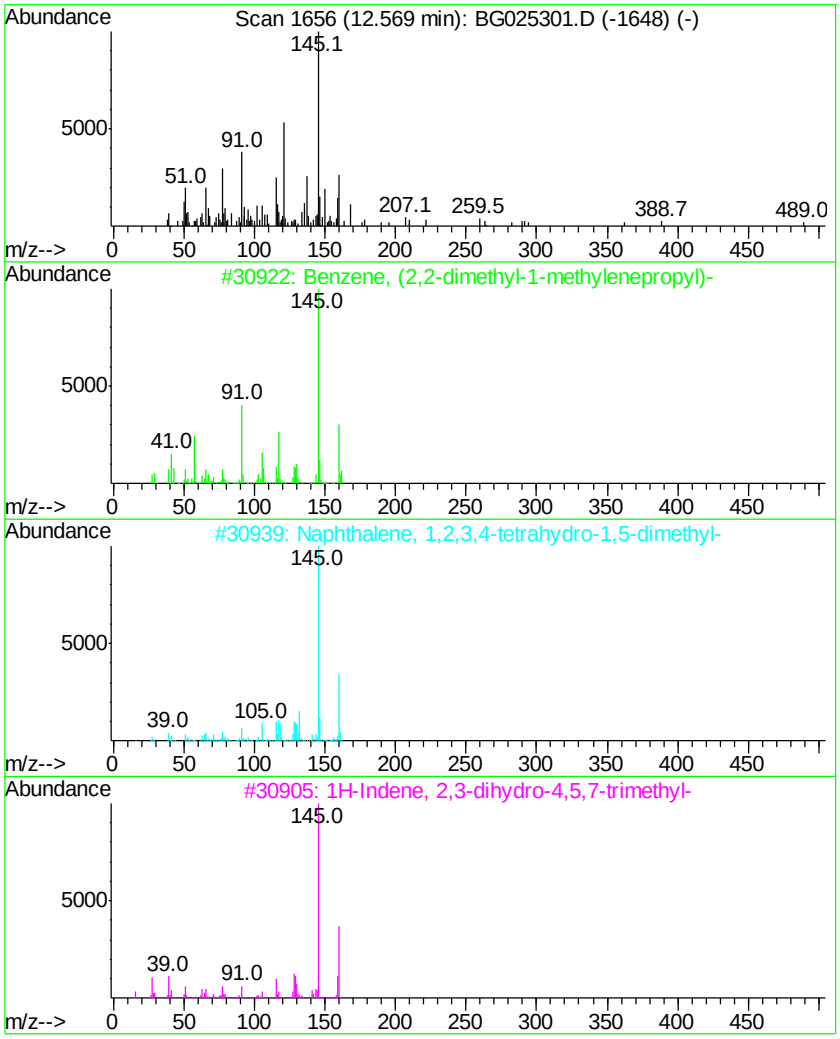
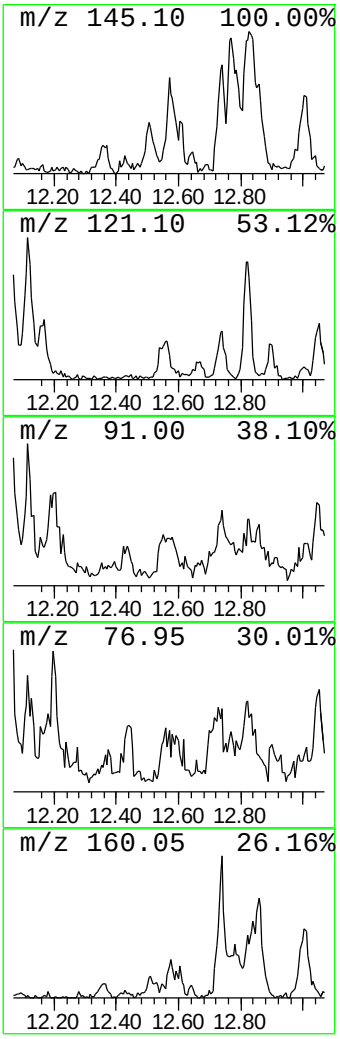
Peak Number 24 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.01 ng/ul	193774	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	49
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	47
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	47





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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

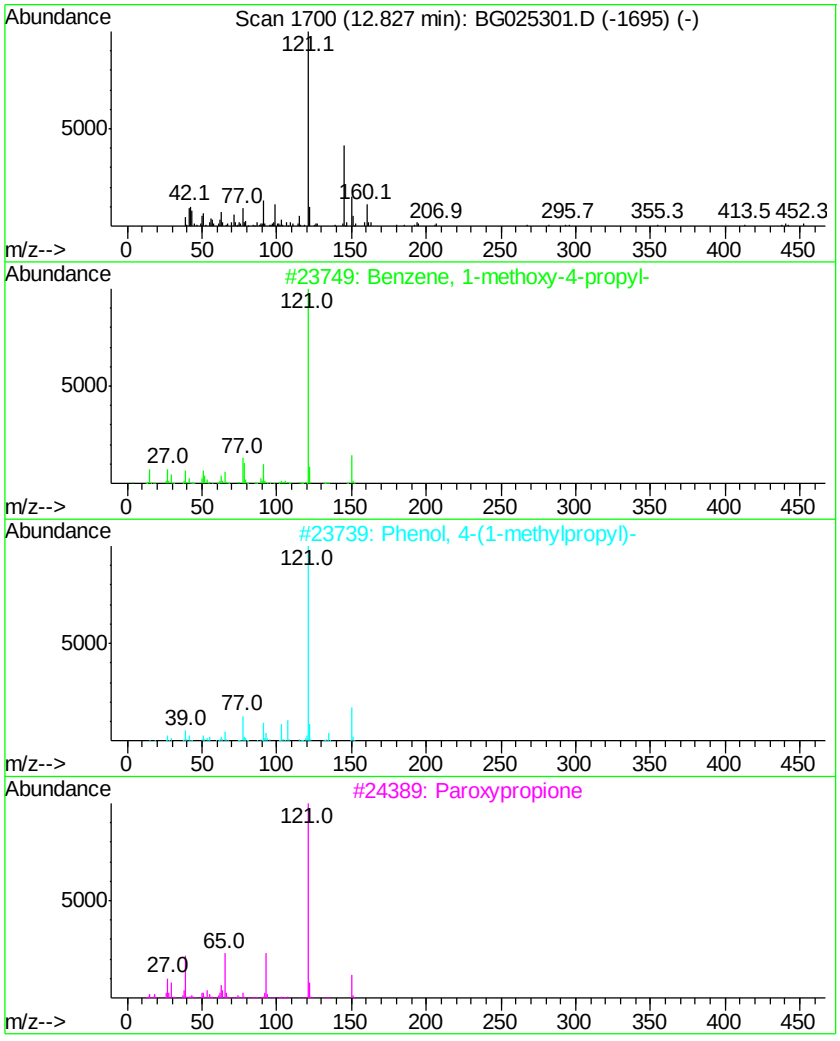
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

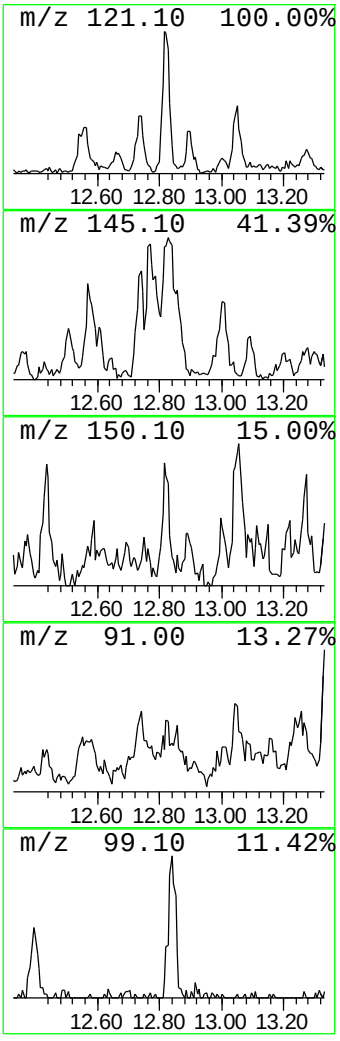
****

Peak Number 25 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	9.66 ng/ul	311413	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	46
2	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	43
3	Paroxypropione	150	C9H10O2	000070-70-2	43
4	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	43
5	2-Pyrazolin-5-ol, 5-tridecafluor...	538	C17H11F13N2O3	1000264-75-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

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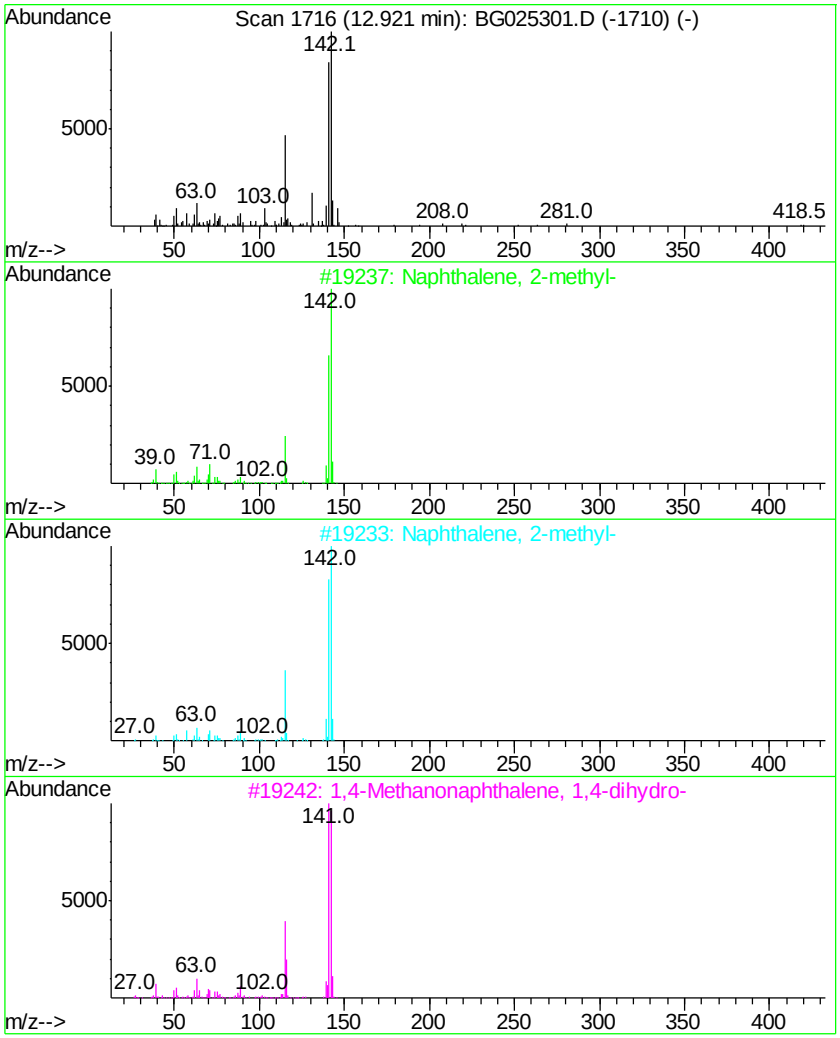
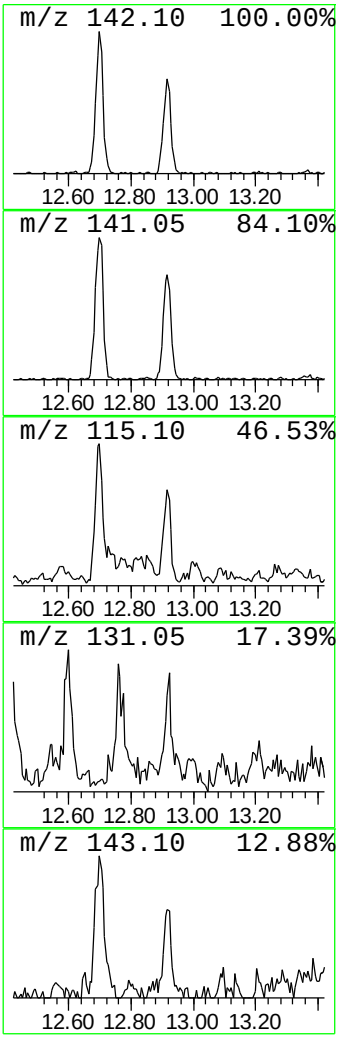
Peak Number 26 Naphthalene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	6.65 ng/ul	214514	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
5	Benzocycloheptatriene	142	C11H10	000264-09-5	87





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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

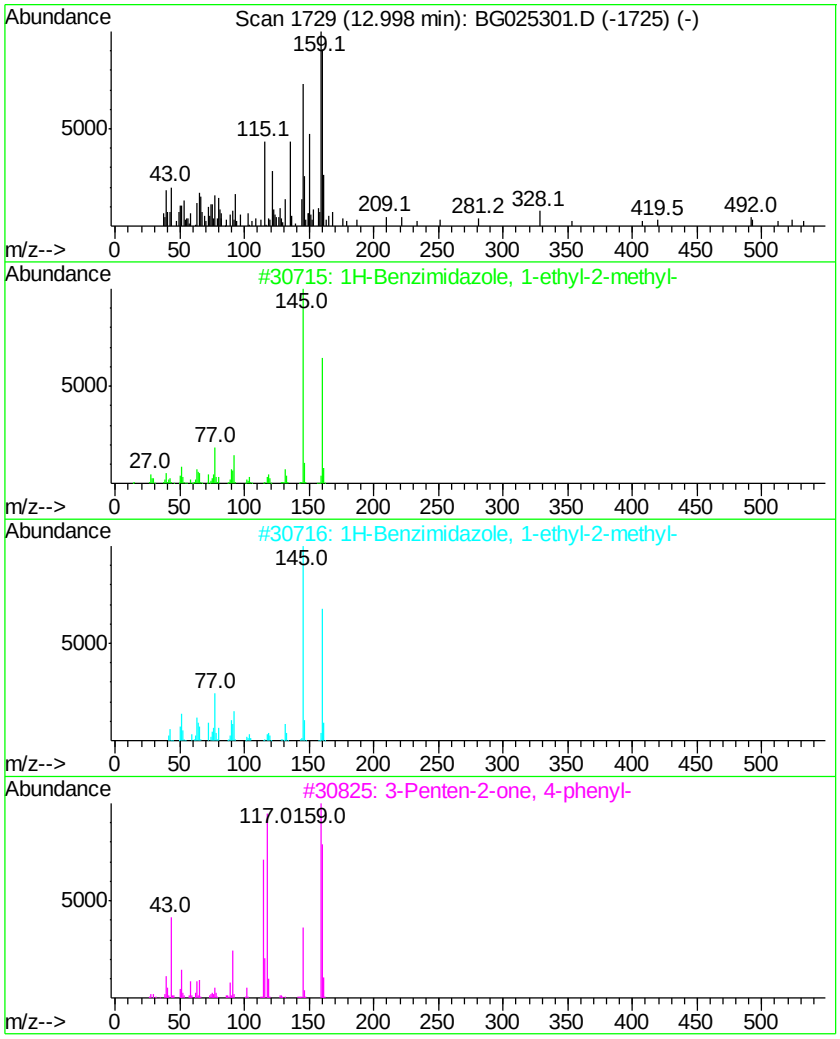
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

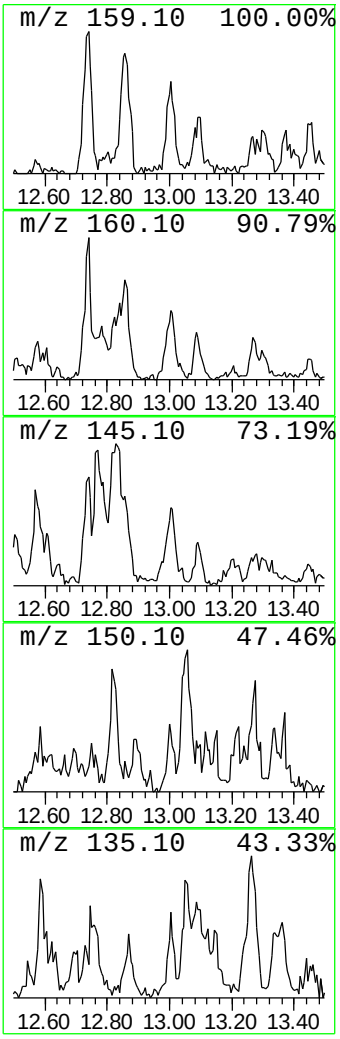
****

Peak Number 27 1H-Benzimidazole, 1-ethyl-2... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.10 ng/ul	99060	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	55
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	55
3	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	46
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43





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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

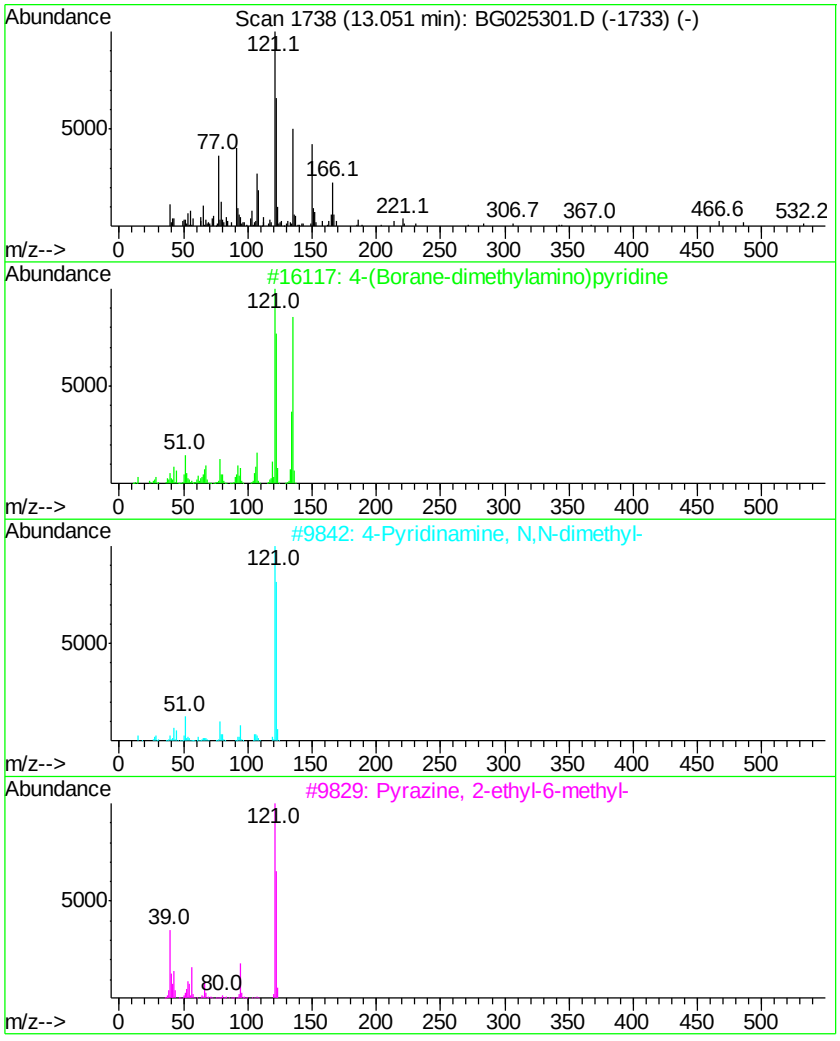
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

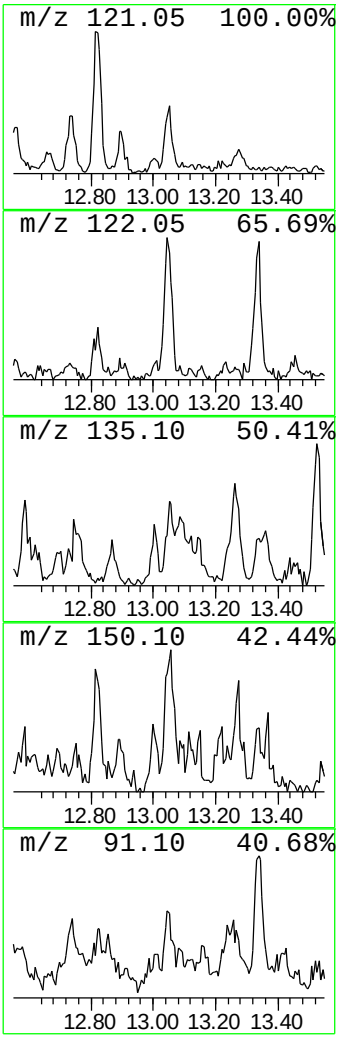
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 4-(Borane-dimethylamino)pyr... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.22 ng/ul	104706	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Borane-dimethylamino)pyridine	136	C7H13BN2	001769-74-0	52
2	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	35
3	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	35
4	2-Methoxy-4-vinylphenol	150	C9H10O2	007786-61-0	27
5	Phenol, 3-methyl-5-(1-methylethy...	207	C12H17NO2	002631-37-0	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

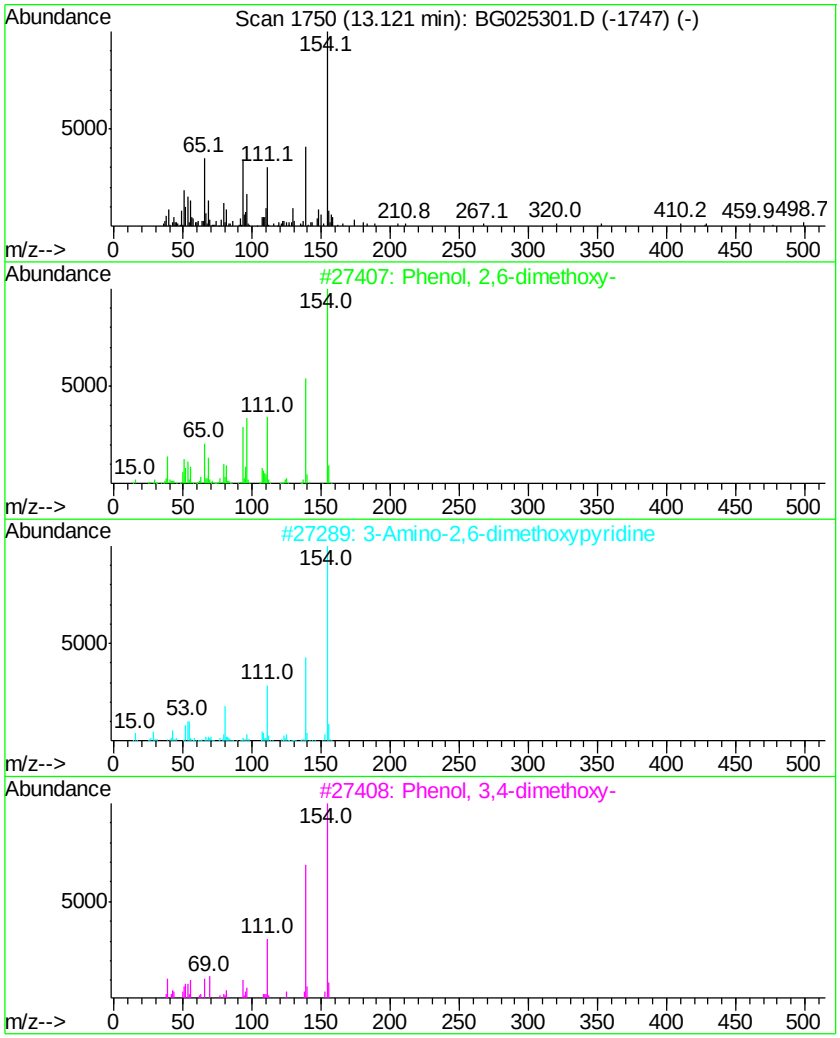
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

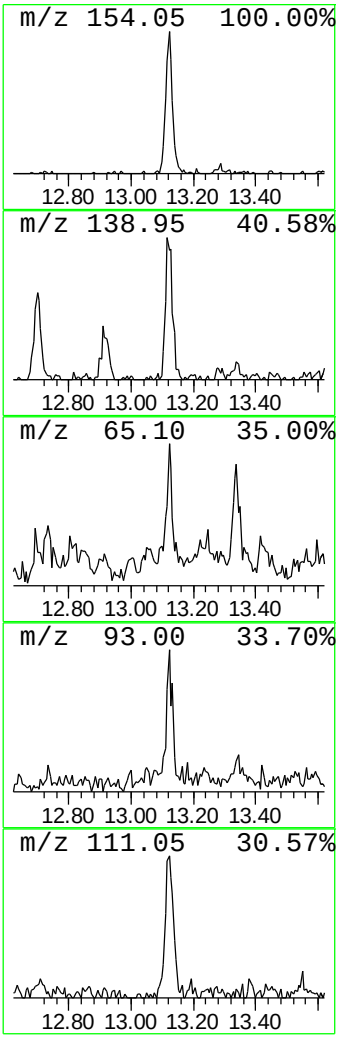
****

Peak Number 29 Phenol, 2,6-dimethoxy- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.97 ng/ul	187407	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	83
2	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	72
3	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	72
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	72
5	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

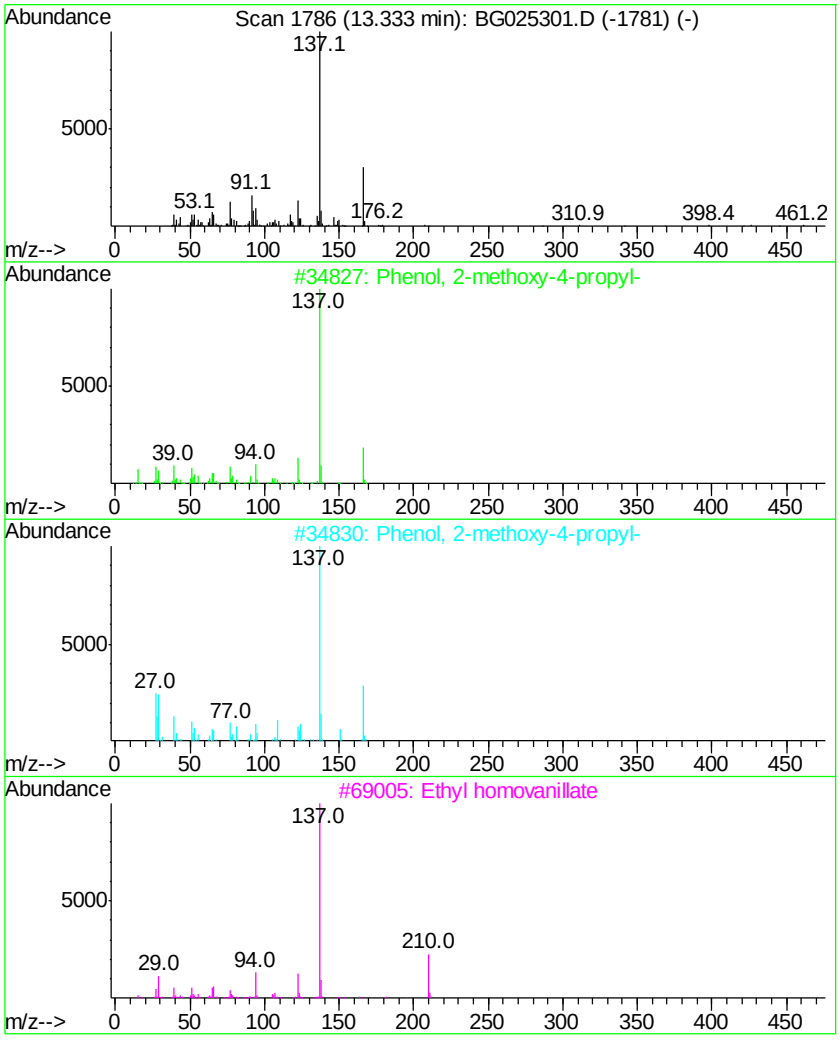
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

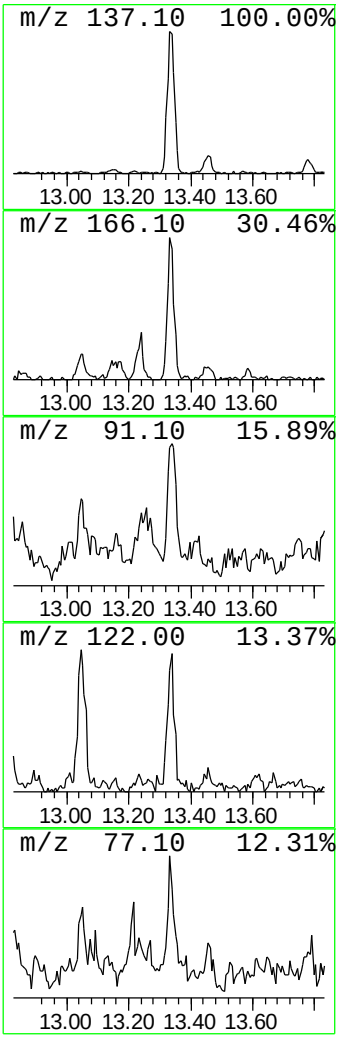
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenol, 2-methoxy-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	8.25 ng/ul	389731	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	80
2	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	72
3	Ethyl homovanillate	210	C11H14O4	060563-13-5	62
4	Phenylacetylformic acid, 4-hydro...	210	C10H10O5	001081-71-6	59
5	2,5-Dihydroxypropiophenone	166	C9H10O3	000938-46-5	58





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Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

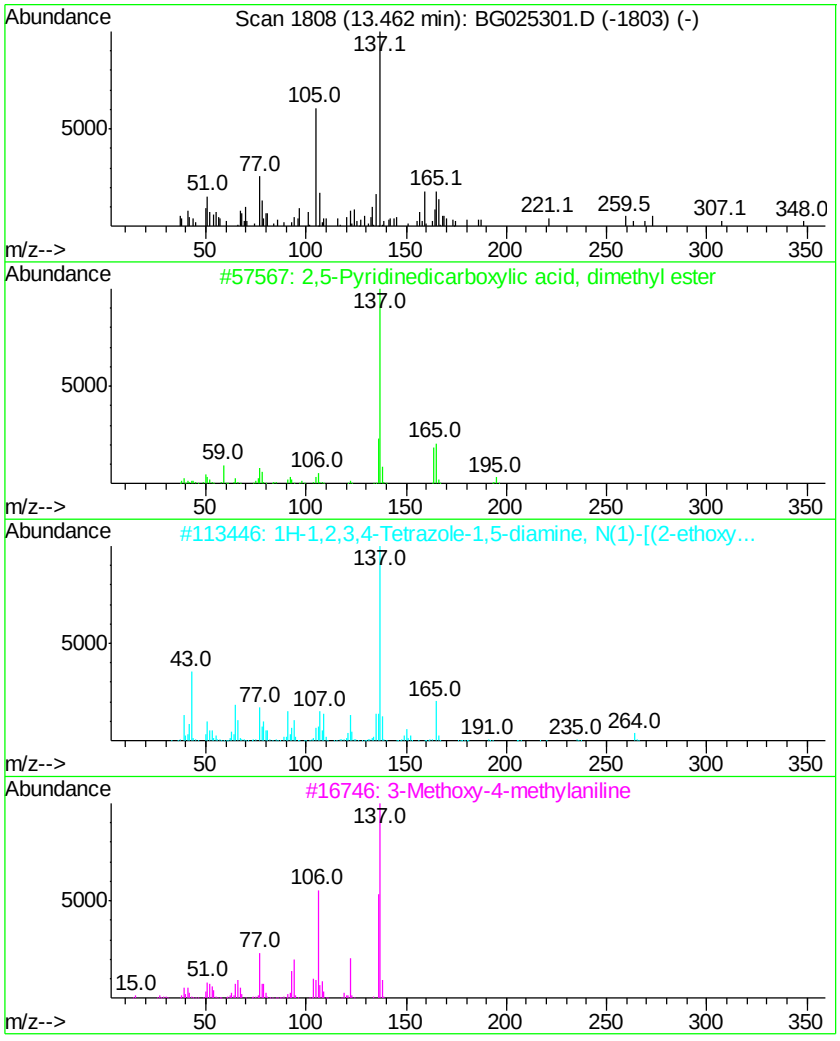
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

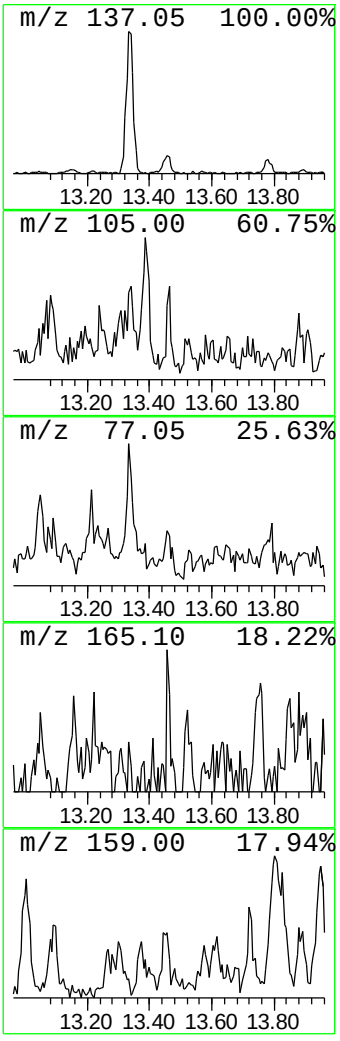
****

Peak Number 31 unknown-06 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.21 ng/ul	104668	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyridinedicarboxylic acid, d...	195	C9H9NO4	000881-86-7	37
2	1H-1,2,3,4-Tetrazole-1,5-diamine...	264	C11H16N6O2	1000350-45-1	37
3	3-Methoxy-4-methylaniline	137	C8H11NO	016452-01-0	30
4	Benzenecarbothioamide	137	C7H7NS	002227-79-4	30
5	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

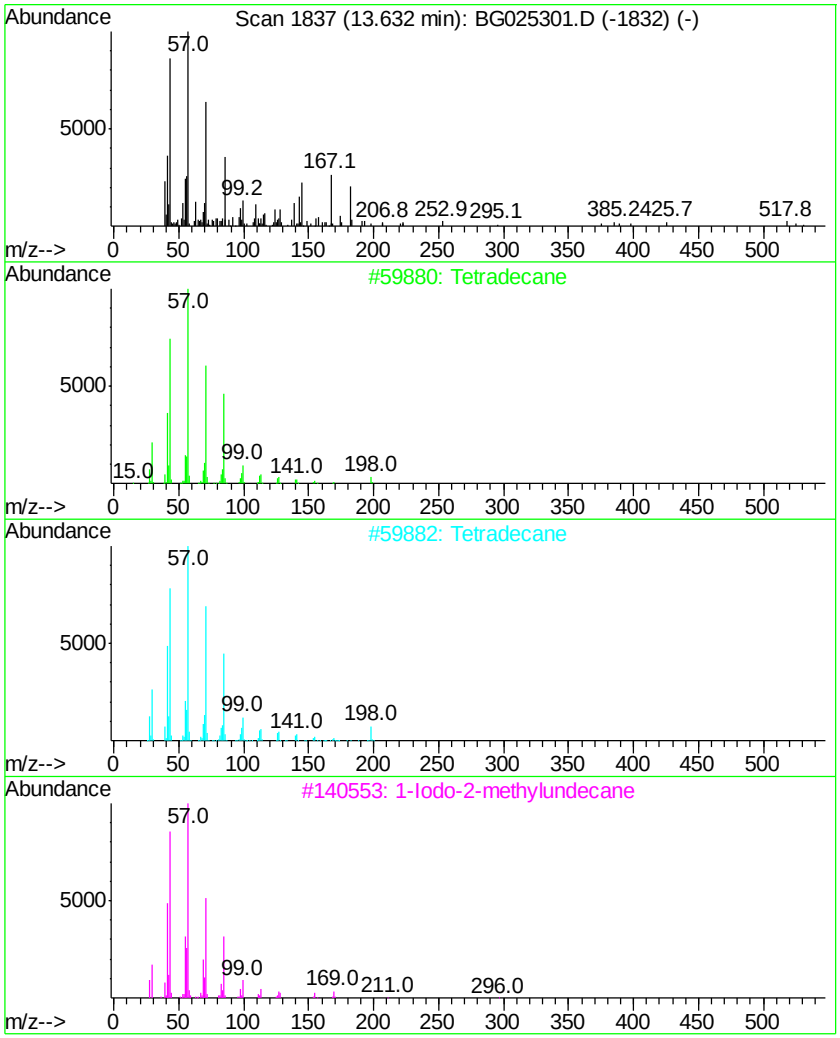
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

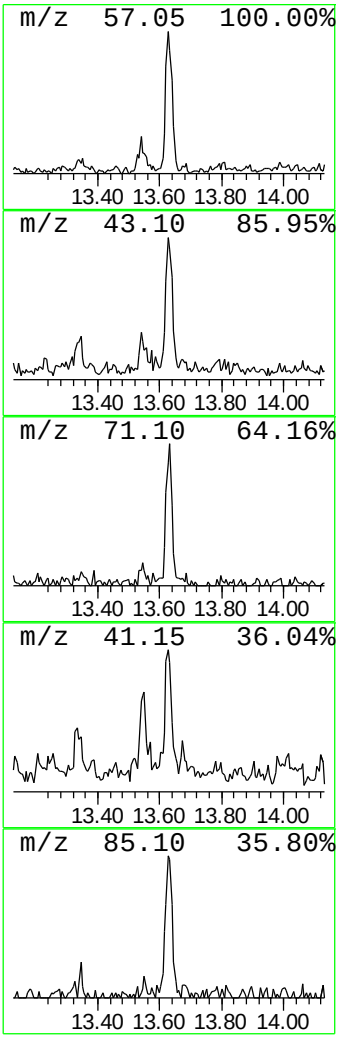
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	2.91 ng/ul	137415	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	38
2	Tetradecane	198	C14H30	000629-59-4	38
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	30
4	Decane	142	C10H22	000124-18-5	27
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

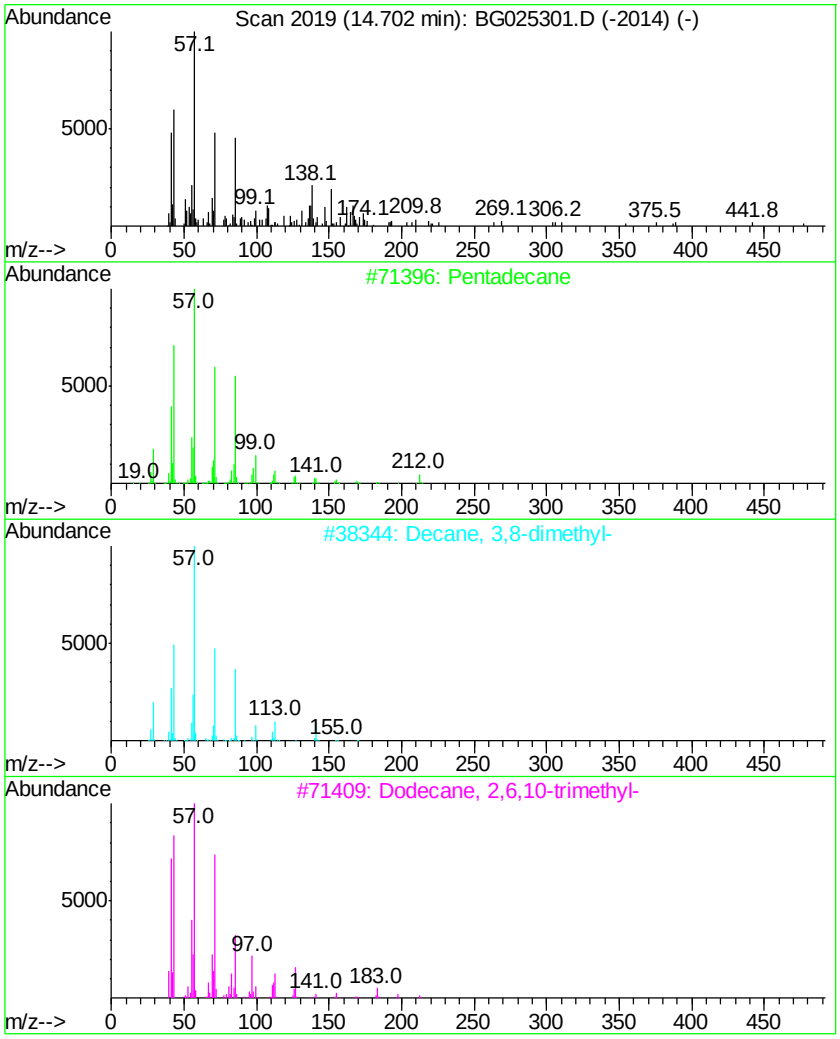
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

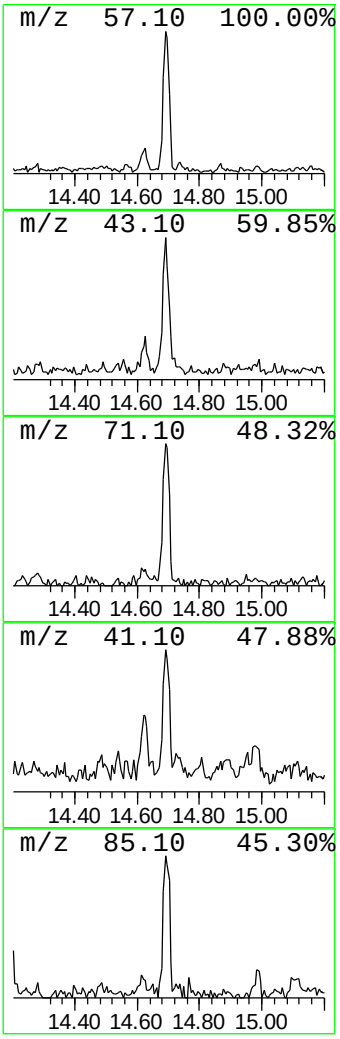
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.12 ng/ul	241891	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
5	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

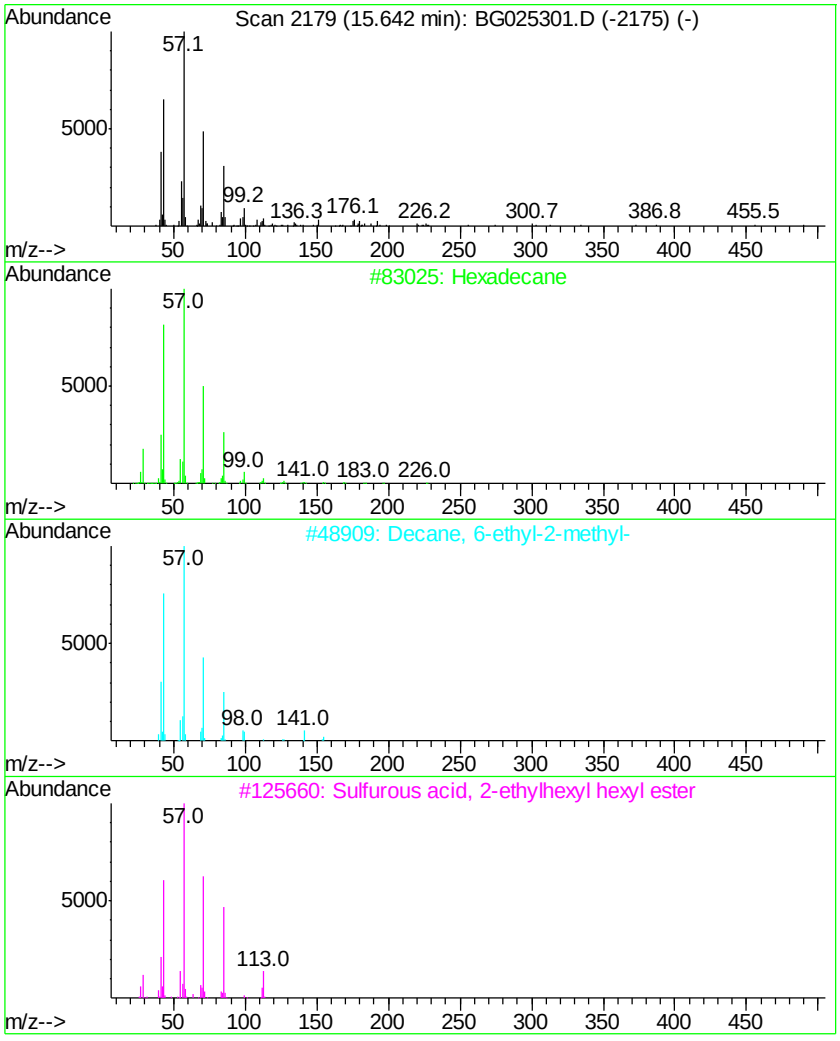
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

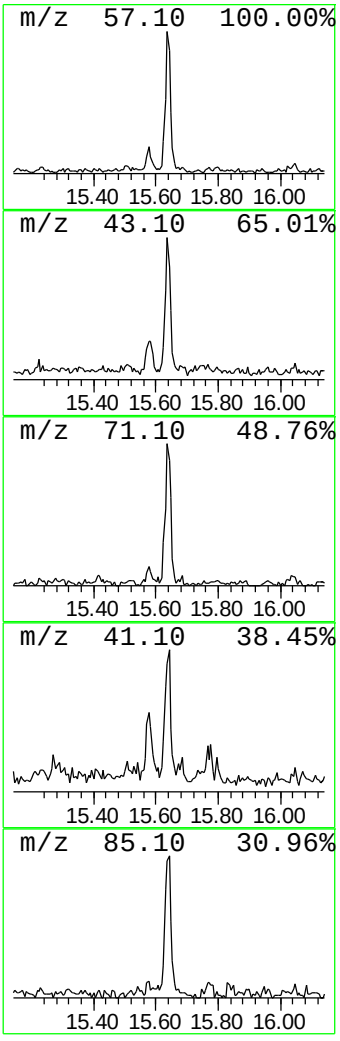
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.35 ng/ul	205483	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

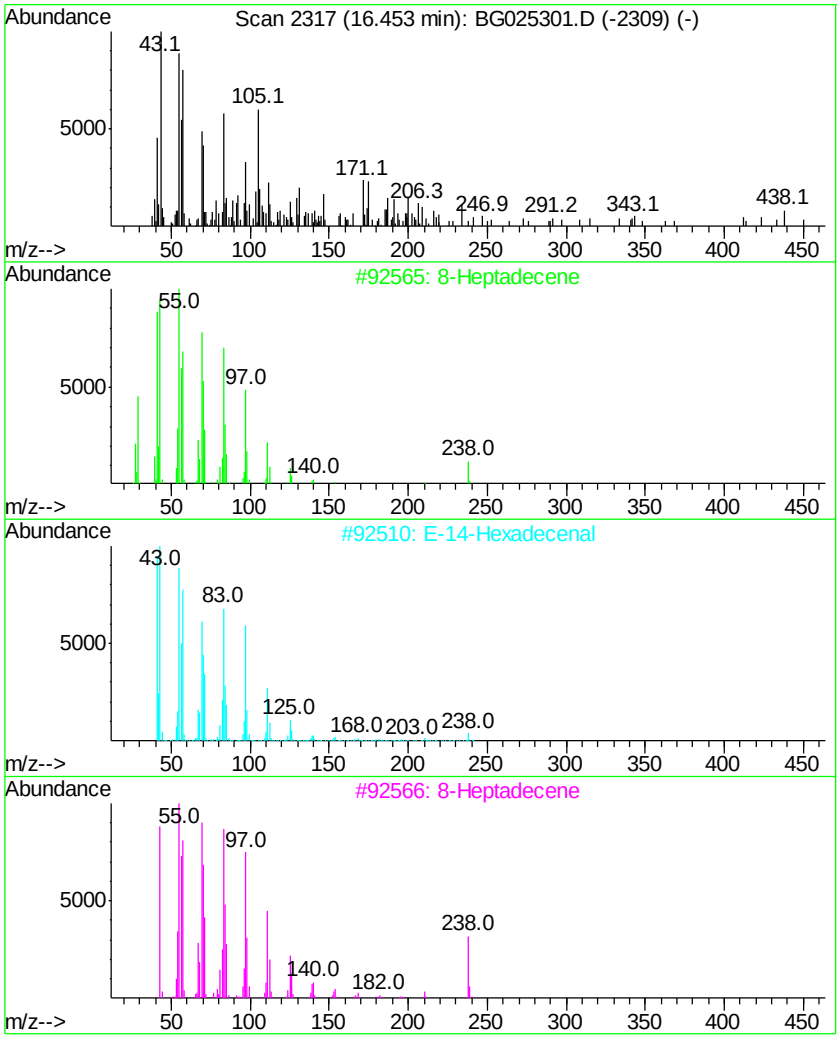
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

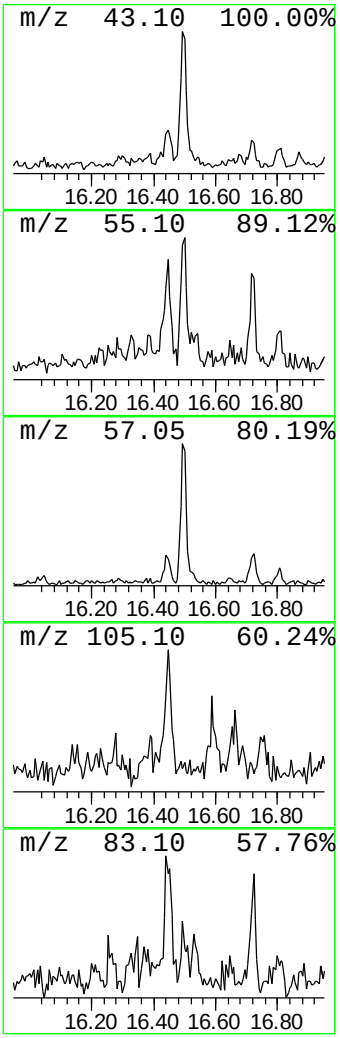
****

Peak Number 47 (DEL) Alkane: Cyclic16.45 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.82 ng/ul	214691	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	42
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	42
3	8-Heptadecene	238	C17H34	002579-04-6	38
4	4-Heptafluorobutyroxytetradecane	410	C18H29F7O2	1000245-49-9	30
5	Cyclododecane	168	C12H24	000294-62-2	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

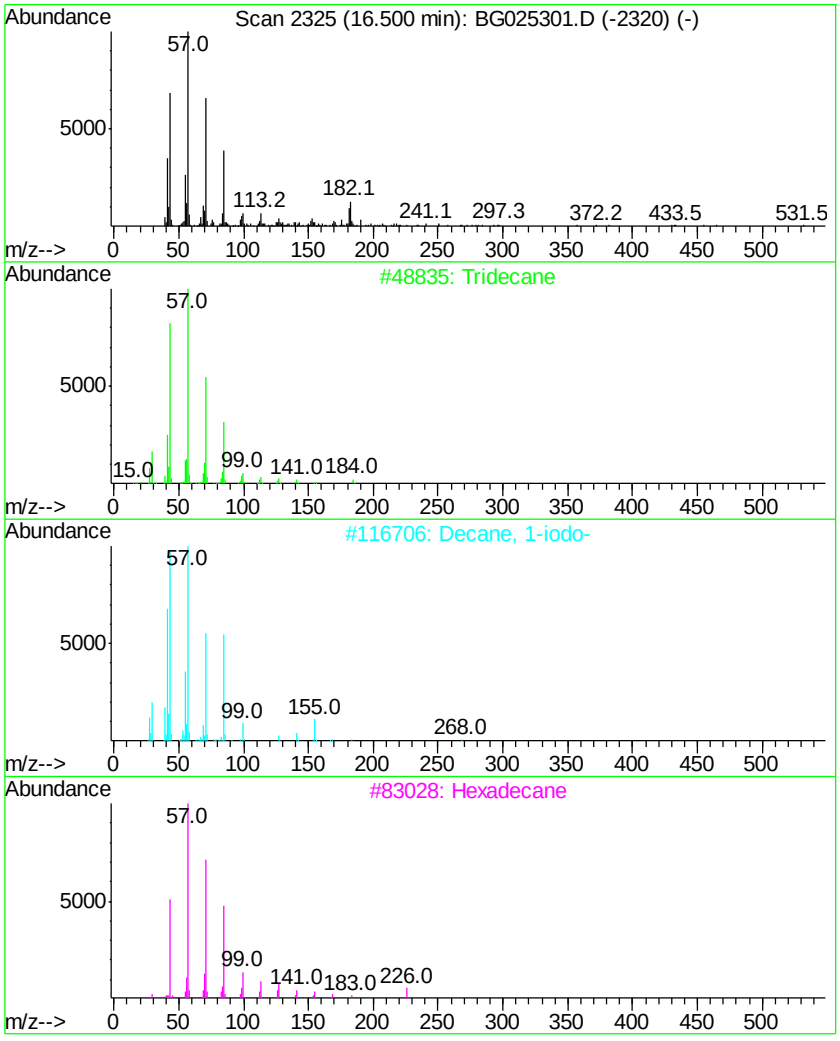
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

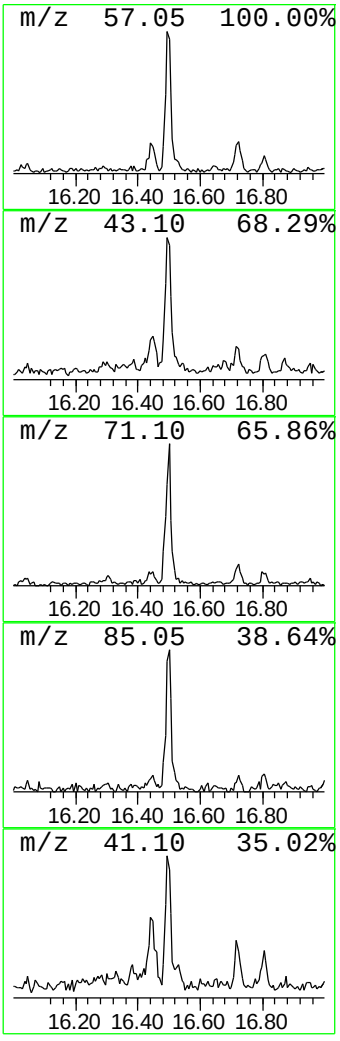
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	5.06 ng/ul	283919	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	81
3	Hexadecane	226	C16H34	000544-76-3	81
4	Heneicosane	296	C21H44	000629-94-7	74
5	Eicosane	282	C20H42	000112-95-8	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

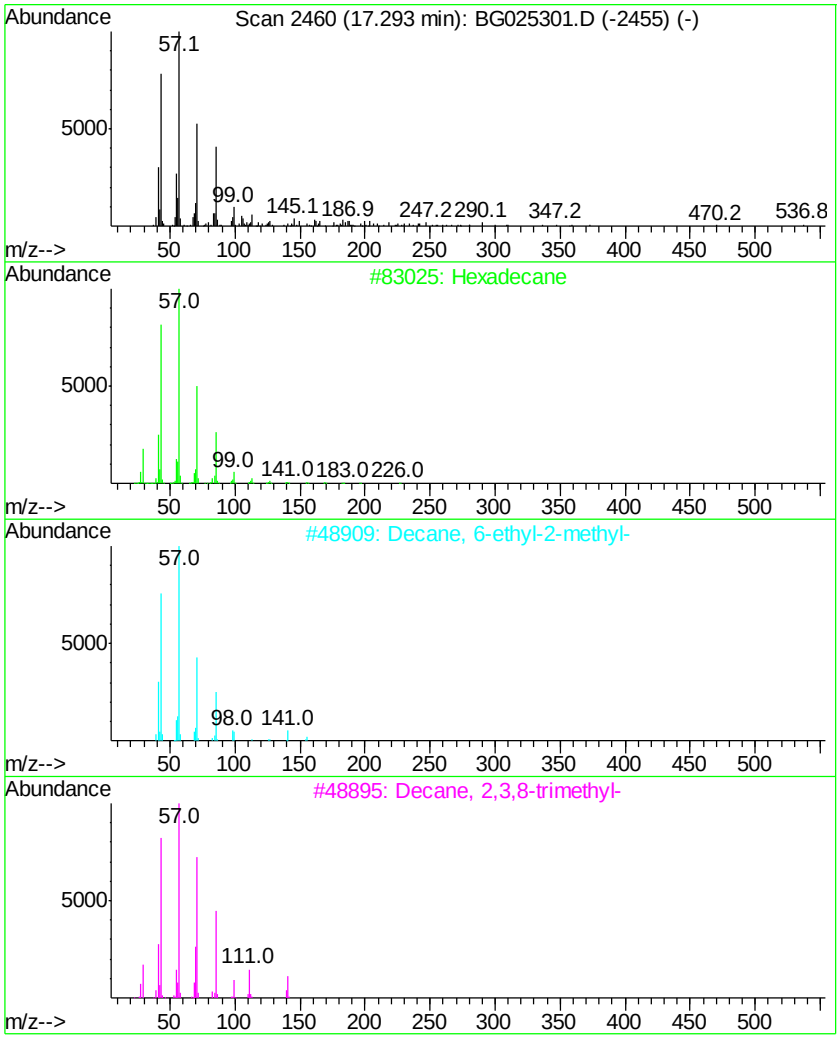
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

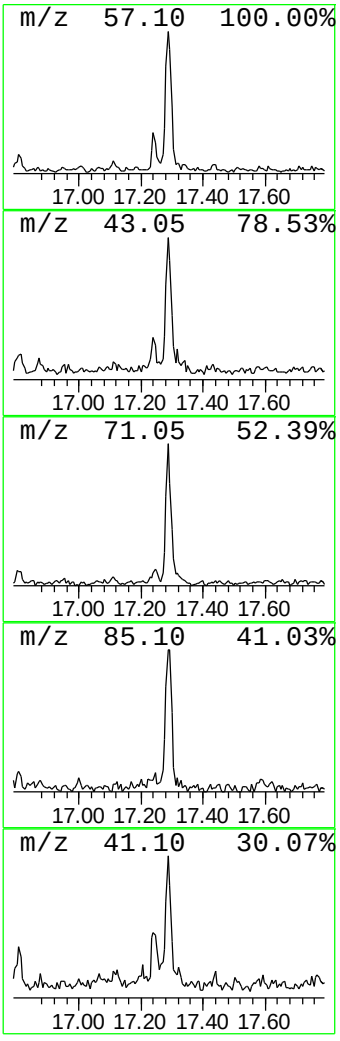
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	3.02 ng/ul	169434	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Data File : BG025301.D
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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

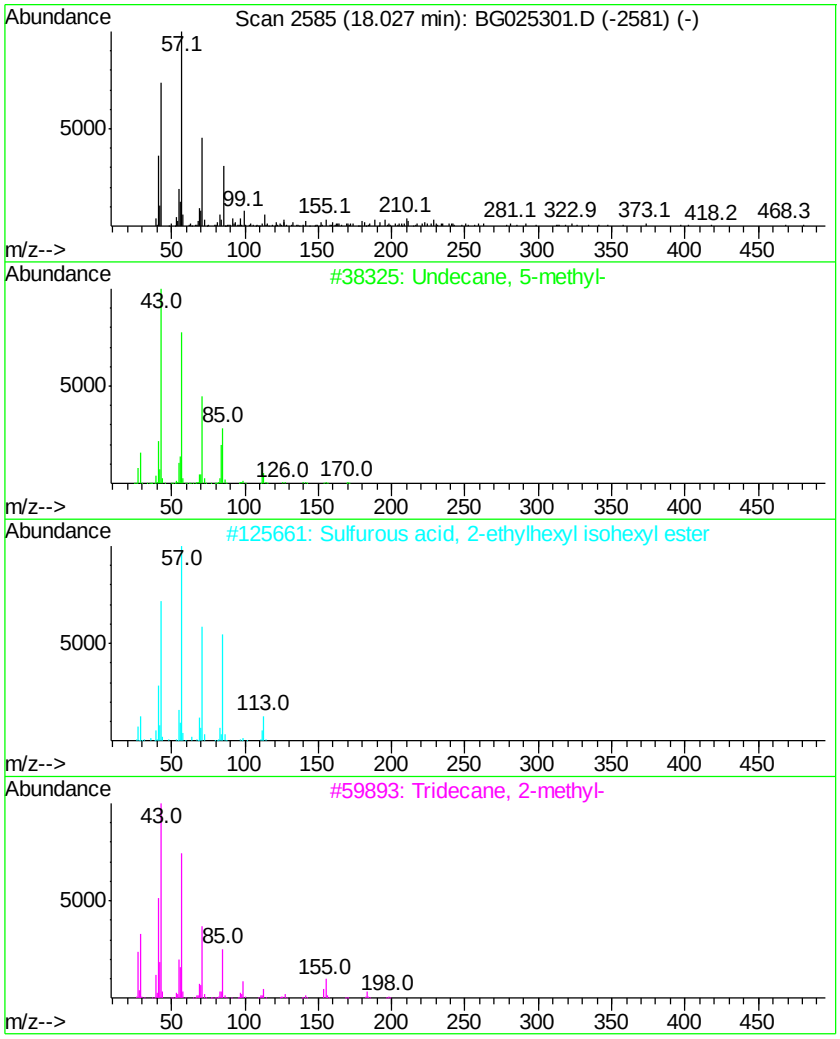
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

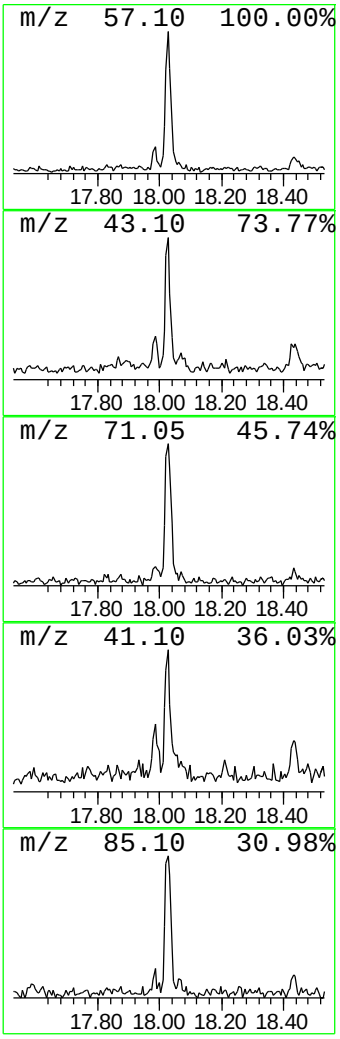
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.80 ng/ul	269188	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





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Data File : BG025301.D
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Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

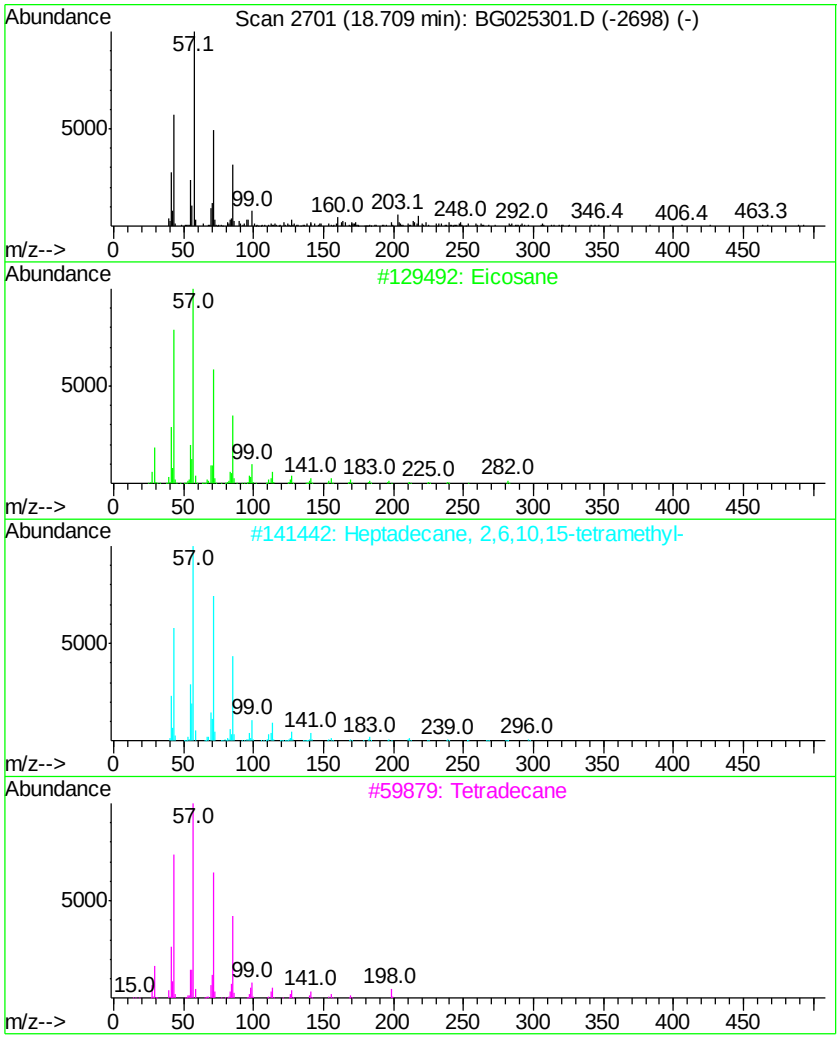
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

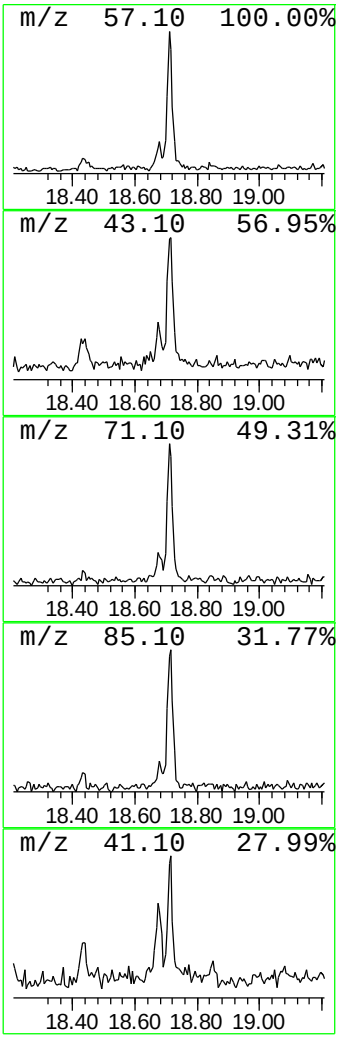
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	4.37 ng/ul	245194	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tetradecane	198	C14H30	000629-59-4	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Heptadecane	240	C17H36	000629-78-7	72





Library Search Compound Report

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Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

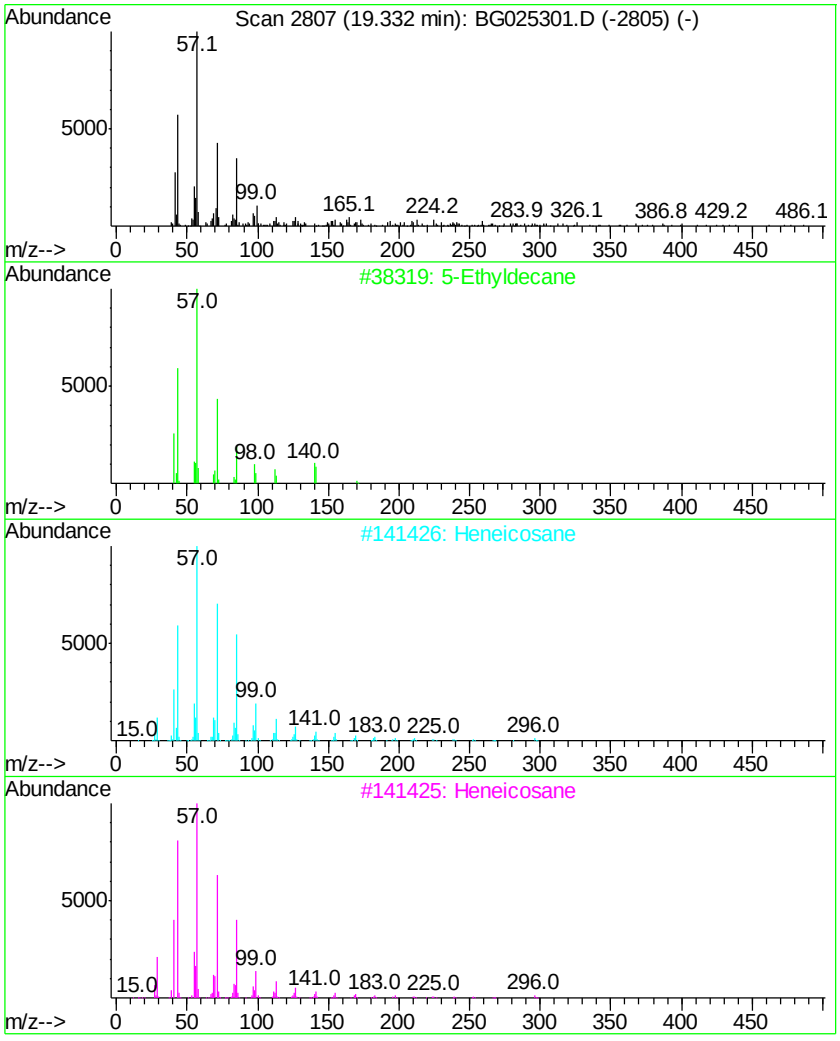
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

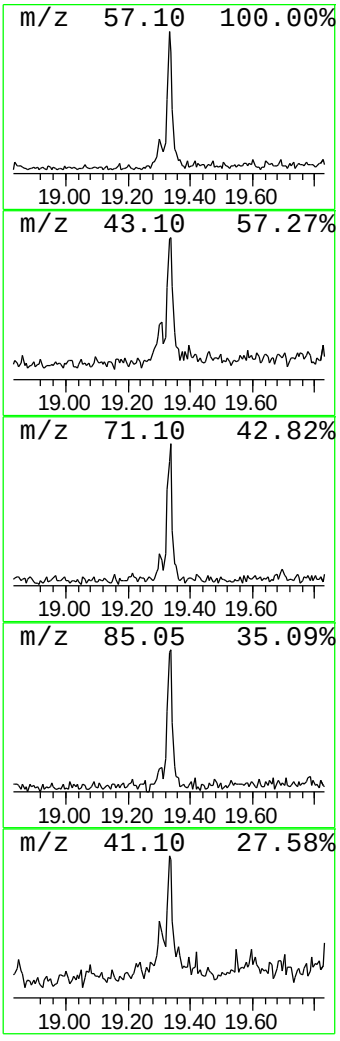
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.16 ng/ul	121215	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	72
2	Heneicosane	296	C21H44	000629-94-7	70
3	Heneicosane	296	C21H44	000629-94-7	70
4	Hexadecane	226	C16H34	000544-76-3	64
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

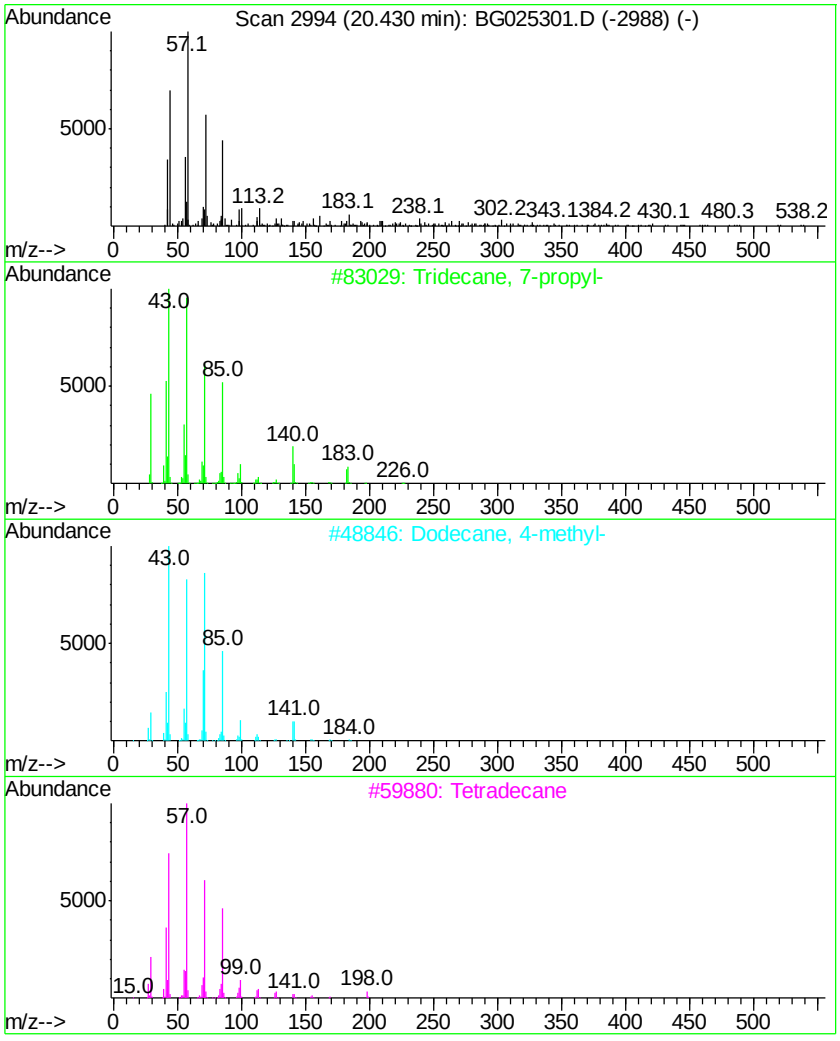
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

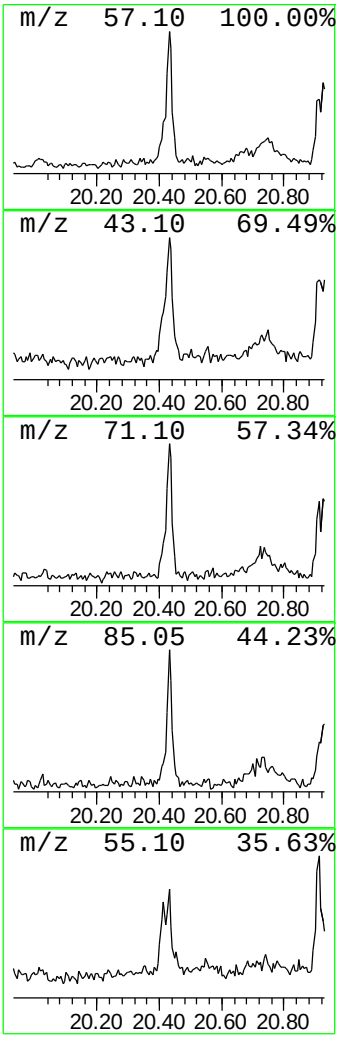
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.82 ng/ul	342352	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
3	Tetradecane	198	C14H30	000629-59-4	76
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	74
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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

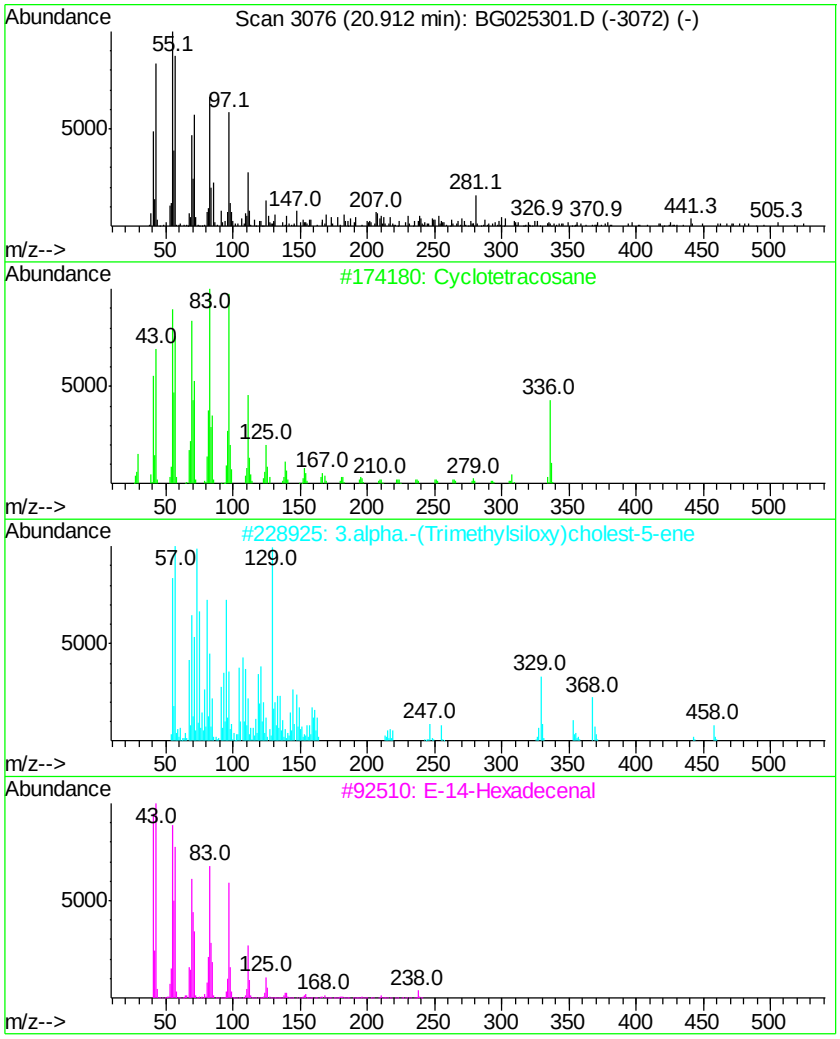
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

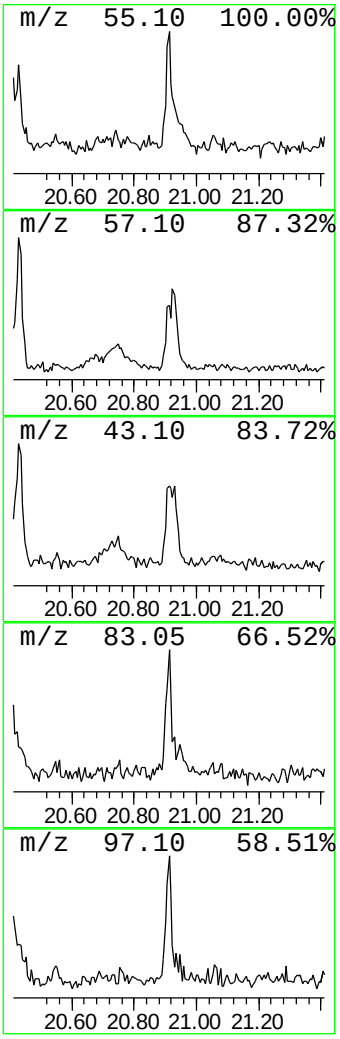
****

Peak Number 56 (DEL) Alkane: Cyclic20.91 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.67 ng/ul	403258	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	90
2	3.alpha.-(Trimethylsiloxy)choles...	458	C30H54OSi	016134-40-0	89
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	76
4	1-Docosene	308	C22H44	001599-67-3	74
5	1-Heneicosanol	312	C21H44O	015594-90-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025301.D
Acq On : 18 Dec 2016 8:38
Operator : UM/SJ
Sample : H5905-01MEDL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA803MEDL

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, 1,2,4-tr...	7.86	2.3	ng/ul	52836	1	8.23	465016	20.0
unknown-01	8.86	2.4	ng/ul	56718	1	8.23	465016	20.0
Mequinol	9.33	3.6	ng/ul	83694	1	8.23	465016	20.0
Phenol, 2,6-dimet...	9.67	4.0	ng/ul	130042	2	11.06	645054	20.0
3-Phenyl-2-propyn...	9.70	2.3	ng/ul	74199	2	11.06	645054	20.0
Benzofuran, 2-met...	9.78	4.5	ng/ul	144960	2	11.06	645054	20.0
Phenol, 2-ethyl-	10.01	4.2	ng/ul	135329	2	11.06	645054	20.0
Phenol, 3-ethyl-	10.49	28.0	ng/ul	902203	2	11.06	645054	20.0
Benzene, 1,4-dime...	10.75	3.0	ng/ul	96899	2	11.06	645054	20.0
Phenol, 2,4,6-tri...	10.88	4.1	ng/ul	133044	2	11.06	645054	20.0
Phenol, 3,4-dimet...	10.92	11.7	ng/ul	377797	2	11.06	645054	20.0
2-Propenal, 2-met...	11.29	2.5	ng/ul	81948	2	11.06	645054	20.0
unknown-02	11.41	7.8	ng/ul	252601	2	11.06	645054	20.0
Benzofuran, 4,7-d...	11.46	6.9	ng/ul	223244	2	11.06	645054	20.0
Phenol, 4-ethyl-3...	11.59	7.7	ng/ul	249397	2	11.06	645054	20.0
2,3-Dimethylanisole	11.64	2.1	ng/ul	66321	2	11.06	645054	20.0
Phenol, 3-propyl-	11.87	27.0	ng/ul	871448	2	11.06	645054	20.0
Phenol, 3,4,5-tri...	12.07	8.2	ng/ul	264598	2	11.06	645054	20.0
Phenol, 4-ethyl-2...	12.20	10.5	ng/ul	337405	2	11.06	645054	20.0
unknown-03	12.40	2.5	ng/ul	81818	2	11.06	645054	20.0
4-Hydroxy-3-methy...	12.43	3.5	ng/ul	111153	2	11.06	645054	20.0
unknown-04	12.57	6.0	ng/ul	193774	2	11.06	645054	20.0
unknown-05	12.83	9.7	ng/ul	311413	2	11.06	645054	20.0
Naphthalene, 2-me...	12.92	6.7	ng/ul	214514	2	11.06	645054	20.0
1H-Benzimidazole,...	13.00	2.1	ng/ul	99060	3	14.85	945090	20.0
4-(Borane-dimethy...	13.05	2.2	ng/ul	104706	3	14.85	945090	20.0
Phenol, 2,6-dimet...	13.12	4.0	ng/ul	187407	3	14.85	945090	20.0
Phenol, 2-methoxy...	13.33	8.3	ng/ul	389731	3	14.85	945090	20.0
unknown-06	13.46	2.2	ng/ul	104668	3	14.85	945090	20.0
(DEL) Alkane: Str...	13.63	2.9	ng/ul	137415	3	14.85	945090	20.0
(DEL) Alkane: Str...	14.70	5.1	ng/ul	241891	3	14.85	945090	20.0
(DEL) Alkane: Str...	15.64	4.3	ng/ul	205483	3	14.85	945090	20.0
(DEL) Alkane: Cyc...	16.45	3.8	ng/ul	214691	4	17.60	1122590	20.0
(DEL) Alkane: Str...	16.50	5.1	ng/ul	283919	4	17.60	1122590	20.0
(DEL) Alkane: Str...	17.29	3.0	ng/ul	169434	4	17.60	1122590	20.0
(DEL) Alkane: Str...	18.03	4.8	ng/ul	269188	4	17.60	1122590	20.0
(DEL) Alkane: Str...	18.71	4.4	ng/ul	245194	4	17.60	1122590	20.0
(DEL) Alkane: Str...	19.33	2.2	ng/ul	121215	4	17.60	1122590	20.0
(DEL) Alkane: Str...	20.43	4.8	ng/ul	342352	5	21.89	1421390	20.0
(DEL) Alkane: Cyc...	20.91	5.7	ng/ul	403258	5	21.89	1421390	20.0