LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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	7.379	765	773	780	rVV4	620408	2010438	11.52%	0.422%
2	7.867	851	856	866	rVB	1201702	2135304	12.23%	0.448%
3	8.672	988	993	1004	rVB2	937163	1742069	9.98%	0.366%
4	8.866	1016	1026	1033	rBV2	764390	1882140	10.78%	0.395%
5	9.013	1044	1051	1069	rVB2	2085365	4622127	26.48%	0.971%
6	9.430	1115	1122	1129	rVB3	1372167	2812248	16.11%	0.591%
7	9.718	1166	1171	1177	rVV	919721	2038547	11.68%	0.428%
8	9.788	1177	1183	1191	rVB	2207120	3970287	22.75%	0.834%
9	10.223	1251	1257	1260	rBV	1597365	3221308	18.46%	0.676%
10	10.493	1288	1303	1307	rBV4	2859327	9528293	54.59%	2.001%
11	10.535	1307	1310	1321	rVV2	1756522	4183730	23.97%	0.879%
12	10.687	1330	1336	1342	rBV3	2151773	3989396	22.86%	0.838%
13	10.887	1362	1370	1373	rBV6	654659	1679498	9.62%	0.353%
14	10.987	1382	1387	1392	rBV2	878426	1608538	9.22%	0.338%
15	11.122	1404	1410	1416	rVB	3075214	5514583	31.60%	1.158%
16	11.204	1419	1424	1435	rBV6	1248500	4017334	23.02%	0.844%
17	11.304	1435	1441	1455	rVB3	2929310	10155329	58.19%	2.133%
18	11.433	1455	1463	1466	rBV2	3869862	8193974	46.95%	1.721%
19	11.475	1466	1470	1477	rVV	7738756	14696446	84.21%	3.086%
20	11.539	1477	1481	1486	rVV	2631981	4020733	23.04%	0.844%
21	11.592	1486	1490	1494	rVB	932727	1486138	8.52%	0.312%
22	11.645	1494	1499	1507	rBV5	857096	1794072	10.28%	0.377%
23	11.821	1522	1529	1533	rBV	1090807	1952931	11.19%	0.410%
24	11.880	1533	1539	1546	rBV2	3521169	6211877	35.59%	1.305%
25	12.068	1566	1571	1578	rBV4	2107890	4837604	27.72%	1.016%
26	12.139	1578	1583	1589	rVB3	909149	2170035	12.43%	0.456%
27	12.268	1599	1605	1610	rVB	2395440	4795112	27.47%	1.007%
28	12.374	1617	1623	1627	rVB3	1013205	1820709	10.43%	0.382%
29	12.426	1627	1632	1640	rBV3	2096496	3964974	22.72%	0.833%
30	12.520	1643	1648	1653	rBV	865565	2015484	11.55%	0.423%
31	12.591	1654	1660	1669	rVB2	2156309	6409785	36.73%	1.346%
32	12.720	1674	1682	1685	rBV	9112598	17452747	100.00%	3.665%
33	12.755	1685	1688	1691	rVB	3078339	3970757	22.75%	0.834%
34	12.791	1692	1694	1698	rVV2	2280420	4129928	23.66%	0.867%

LSC Area Percent Report

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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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	12.873	1698	1708	1713	rVB3	3424597	11399966	65.32%	2.394%
36	12.938	1713	1719	1724	rVB	6281259	11337361	64.96%	2.381%
37	13.014	1724	1732	1737	rBV	3643377	7811789	44.76%	1.640%
38	13.102	1742	1747	1761	rVB8	2362236	6698908	38.38%	1.407%
39	13.220	1761	1767	1771	rBV5	1278786	2114633	12.12%	0.444%
40	13.278	1771	1777	1780	rBV2	2026699	3575307	20.49%	0.751%
41	13.355	1786	1790	1793	rBV	1236404	1715179	9.83%	0.360%
42	13.402	1794	1798	1802	rVB3	1468797	2413799	13.83%	0.507%
43	13.461	1803	1808	1811	rBV2	1005652	1639110	9.39%	0.344%
44	13.590	1817	1830	1834	rBV4	2735538	8454831	48.44%	1.776%
45	13.649	1834	1840	1845	rVV5	3528863	6455872	36.99%	1.356%
46	13.696	1845	1848	1852	rVB	1674256	2313140	13.25%	0.486%
47	13.813	1861	1868	1871	rBV4	1567537	3772827	21.62%	0.792%
48	13.895	1877	1882	1890	rVB4	2456060	6057934	34.71%	1.272%
49	14.048	1898	1908	1920	rVB3	4048327	12972131	74.33%	2.724%
50	14.189	1920	1932	1936	rBV2	5203683	12136405	69.54%	2.549%
51	14.242	1936	1941	1948	rVB3	5406222	9266433	53.09%	1.946%
52	14.307	1948	1952	1956	rVB2	1126837	1756427	10.06%	0.369%
53	14.354	1956	1960	1964	rBV5	1135004	1831035	10.49%	0.385%
54	14.424	1964	1972	1976	rBV4	2014572	3923203	22.48%	0.824%
55	14.500	1982	1985	1989	rVB	1913205	2472421	14.17%	0.519%
56	14.577	1989	1998	2003	rBV7	2608440	8492093	48.66%	1.783%
57	14.636	2004	2008	2013	rVB4	1813464	2820414	16.16%	0.592%
58	14.712	2017	2021	2026	rBV	5373733	7089685	40.62%	1.489%
59	14.753	2026	2028	2035	rVB6	854752	1550714	8.89%	0.326%
60	14.824	2035	2040	2045	rBV2	4664212	7687008	44.04%	1.614%
61	14.906	2045	2054	2075	rVB8	3155564	9914959	56.81%	2.082%
62	15.088	2075	2085	2091	rBV7	2655673	6059471	34.72%	1.273%
63	15.153	2091	2096	2101	rBV3	1608680	2664047	15.26%	0.559%
64	15.253	2106	2113	2120	rBV5	1908618	4684155	26.84%	0.984%
65	15.323	2120	2125	2129	rBV4	1094728	1774601	10.17%	0.373%
66	15.364	2129	2132	2143	rVB4	1360519	3029763	17.36%	0.636%
67	15.464	2143	2149	2154	rBV6	1692559	3676405	21.06%	0.772%
68	15.523	2154	2159	2167	rVB3	3028266	5633295	32.28%	1.183%
69	15.623	2167	2176	2178	rBV2	3782078	9160169	52.49%	1.924%
70	15.658	2178	2182	2186	rVB	6125661	8098656	46.40%	1.701%
71	15.811	2203	2208	2211	rVV5	1017071	1483352	8.50%	0.312%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

72	15.852	2211	2215	2218	rVV	1681163	2643558	15.15%	0.555%
73	15.893	2218	2222	2232	rVV4	3155523	6968069	39.93%	1.463%
74	15.975	2232	2236	2242	rVB3	1009679	1704231	9.76%	0.358%
75	16.057	2242	2250	2253	rBV6	1004811	2074029	11.88%	0.436%
76	16.457	2311	2318	2323	rVB3	3402849	6386570	36.59%	1.341%
77	16.516	2323	2328	2332	rBV	8282478	11741149	67.27%	2.466%
78	16.733	2356	2365	2370	rVV3	4145243	5852567	33.53%	1.229%
79	16.821	2375	2380	2386	rVB2	3712269	4961034	28.43%	1.042%
80	16.886	2386	2391	2398	rBV5	855435	1995117	11.43%	0.419%
81	17.256	2445	2454	2458	rBV2	2359261	3979006	22.80%	0.836%
82	17.303	2458	2462	2472	rVB	7139456	10439830	59.82%	2.192%
83	17.444	2480	2486	2491	rVB2	972844	1541205	8.83%	0.324%
84	17.609	2507	2514	2518	rVV	1080210	2048922	11.74%	0.430%
85	17.703	2525	2530	2538	rVB	1630396	2874070	16.47%	0.604%
86	17.773	2538	2542	2549	rBV3	960762	1863597	10.68%	0.391%
87	17.932	2563	2569	2575	rVV	1932797	3312413	18.98%	0.696%
88	17.996	2575	2580	2583	rVV	1822527	2598734	14.89%	0.546%
89	18.043	2583	2588	2600	rVB	5400258	8849290	50.70%	1.858%
90	18.690	2686	2698	2700	rVV3	1787589	3227493	18.49%	0.678%
91	18.725	2700	2704	2721	rVB	4313163	6313261	36.17%	1.326%
92	19.348	2806	2810	2818	rVB	2944530	4097995	23.48%	0.861%
93	19.888	2898	2902	2904	rBV	1331754	1630611	9.34%	0.342%
94	19.912	2904	2906	2912	rVV	2215054	2653873	15.21%	0.557%
95	19.971	2912	2916	2931	rVB	2102419	3641261	20.86%	0.765%
96	20.441	2988	2996	3010	rVB2	1874548	3543229	20.30%	0.744%
97	20.916	3072	3077	3093	rVB2	1072397	2775385	15.90%	0.583%
98	21.892	3237	3243	3249	rVB	1247091	2158840	12.37%	0.453%
99	25.070	3774	3784	3799	rVB	1020614	3192525	18.29%	0.670%
100	25.300	3814	3823	3835	rVB	673711	2145914	12.30%	0.451%

Sum of corrected areas: 476185751

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
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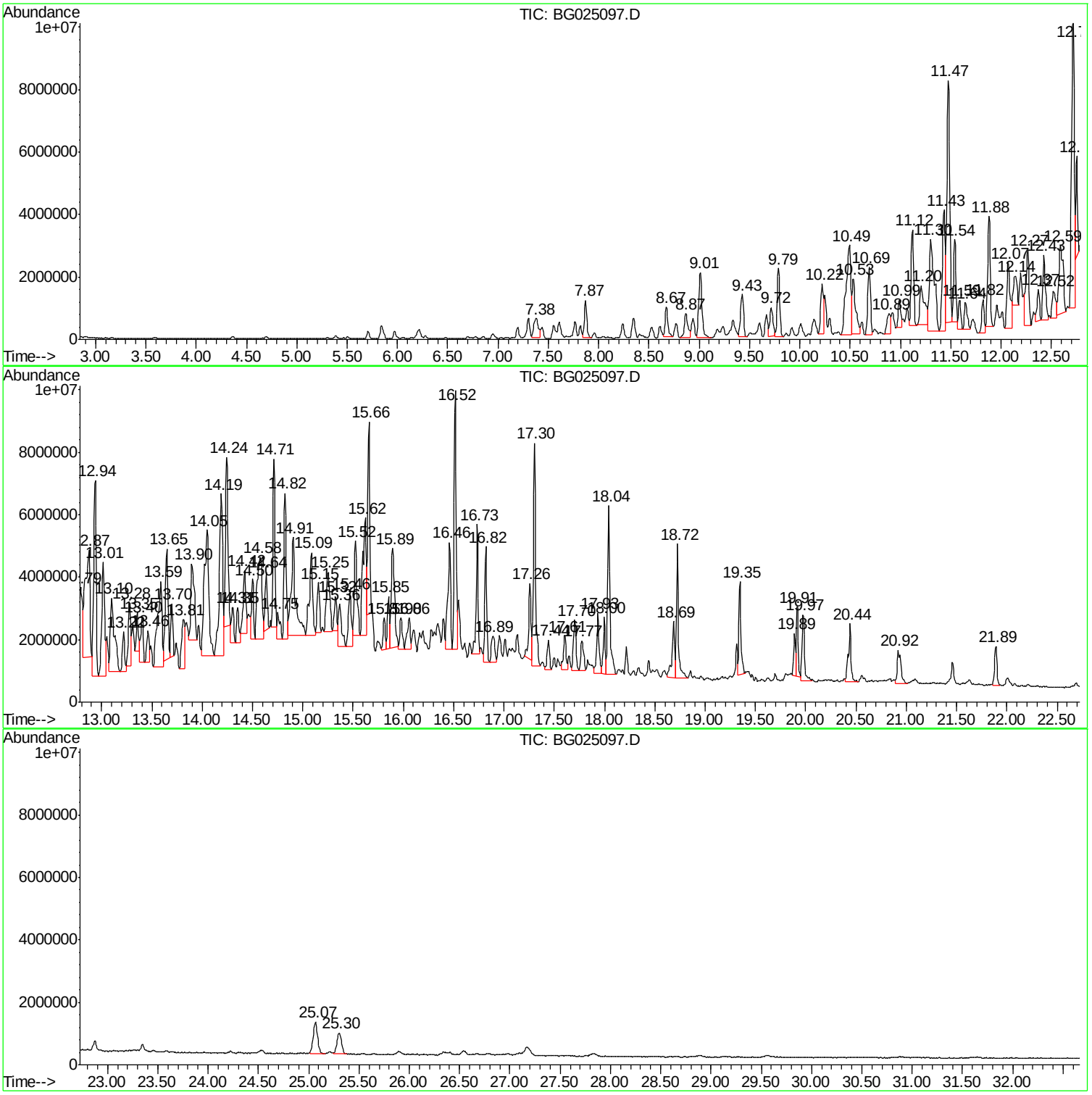
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA818

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\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
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Sample : H5905-19
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

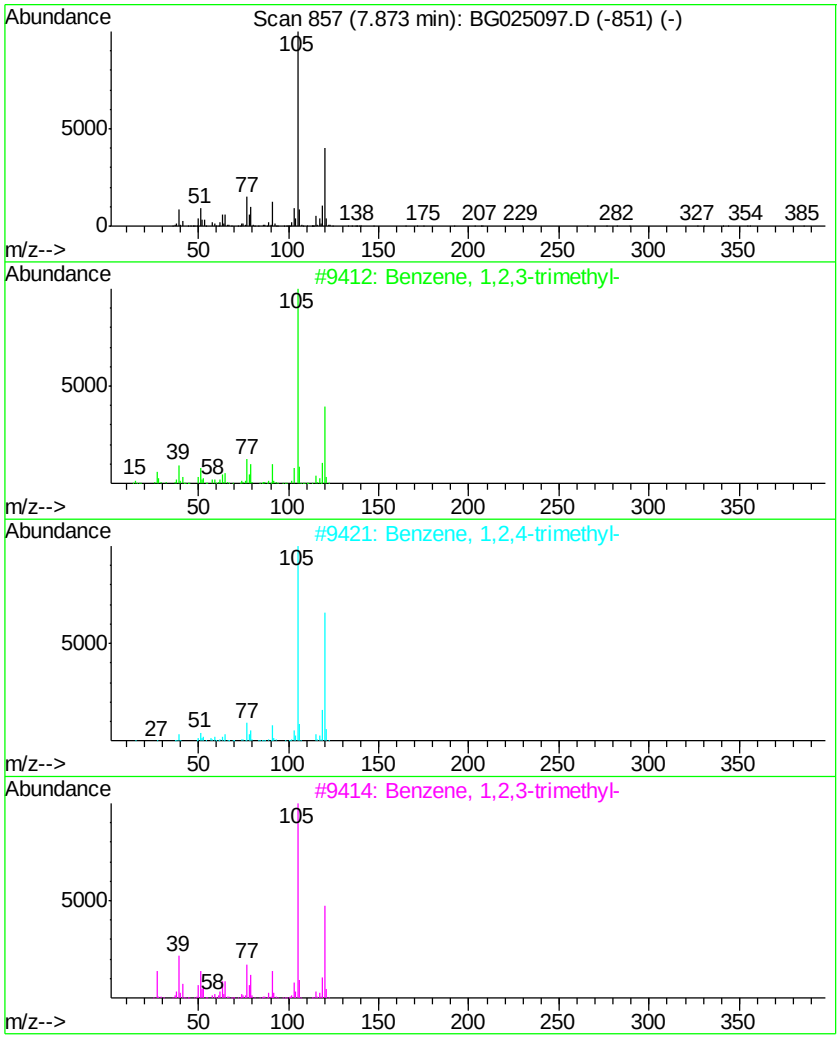
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

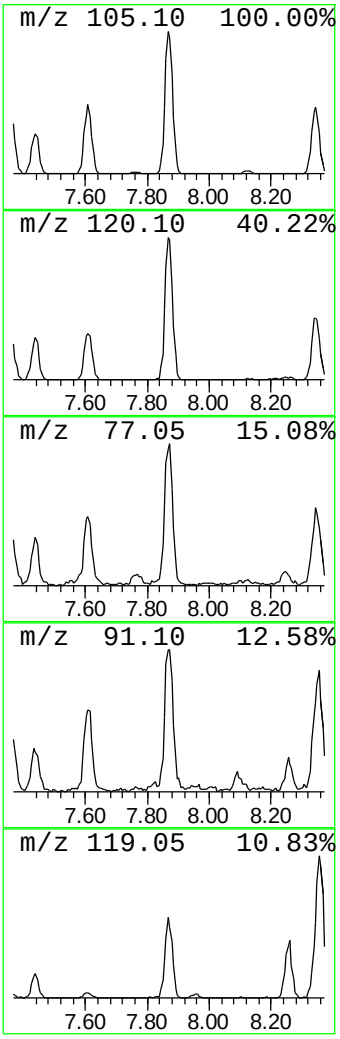
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	2135300	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

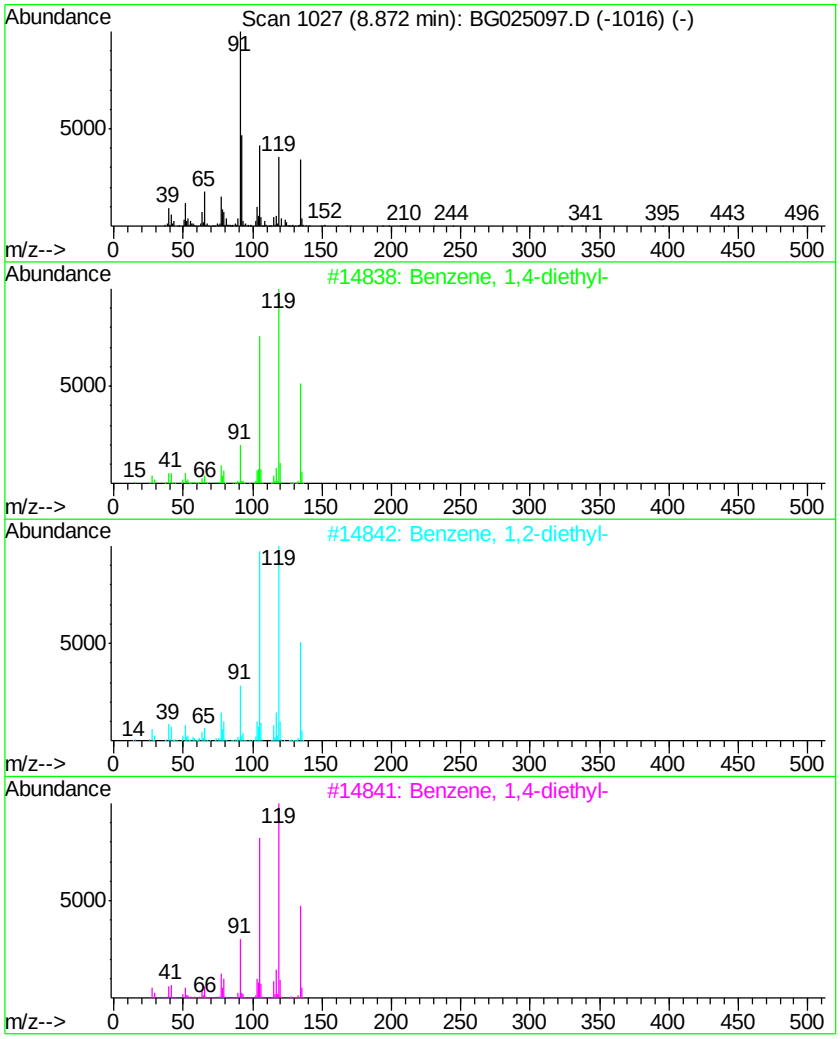
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

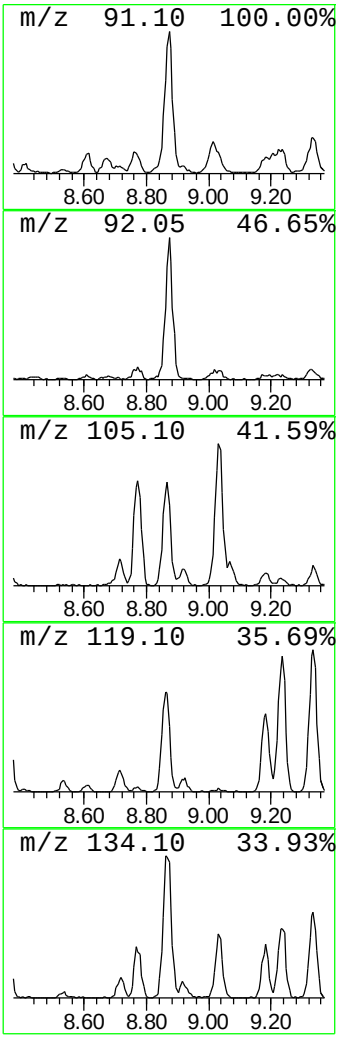
****

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	17.63 ng/ul	1882140	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
4	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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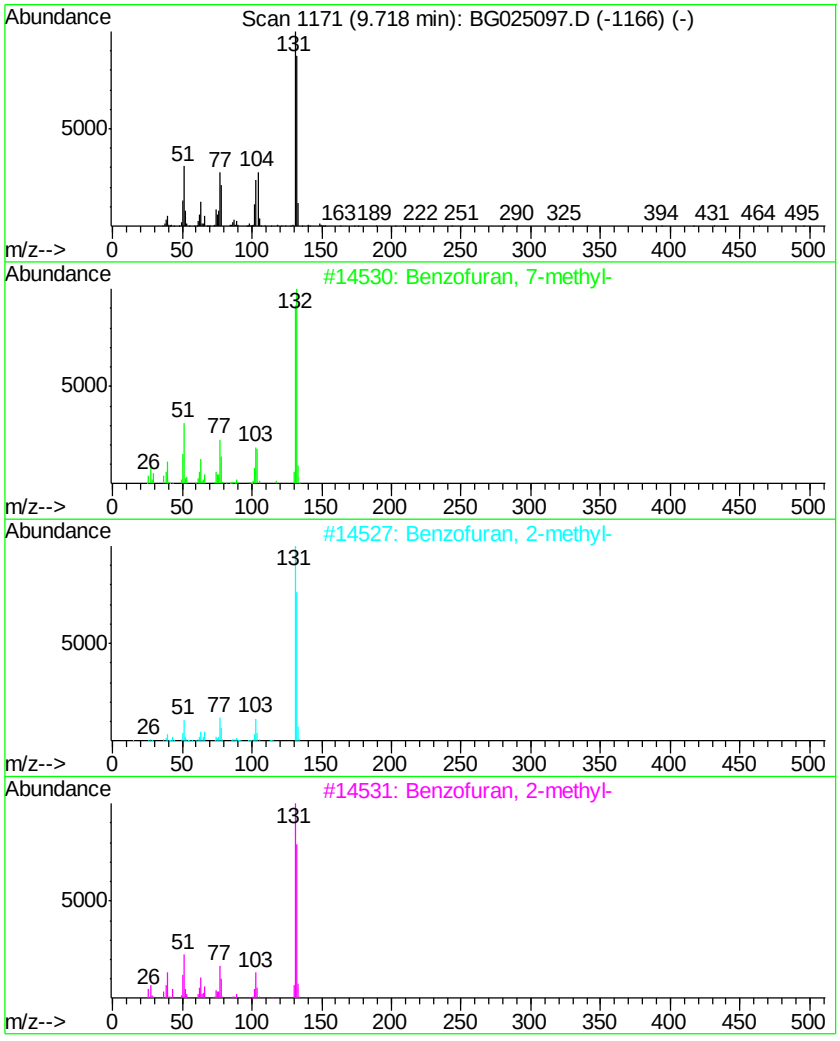
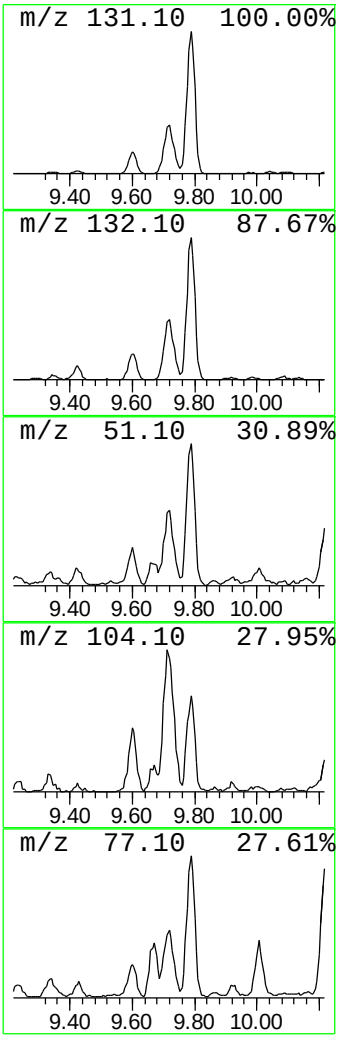
Peak Number 3 Benzofuran, 7-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.39 ng/ul	2038550	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	97
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 10:18
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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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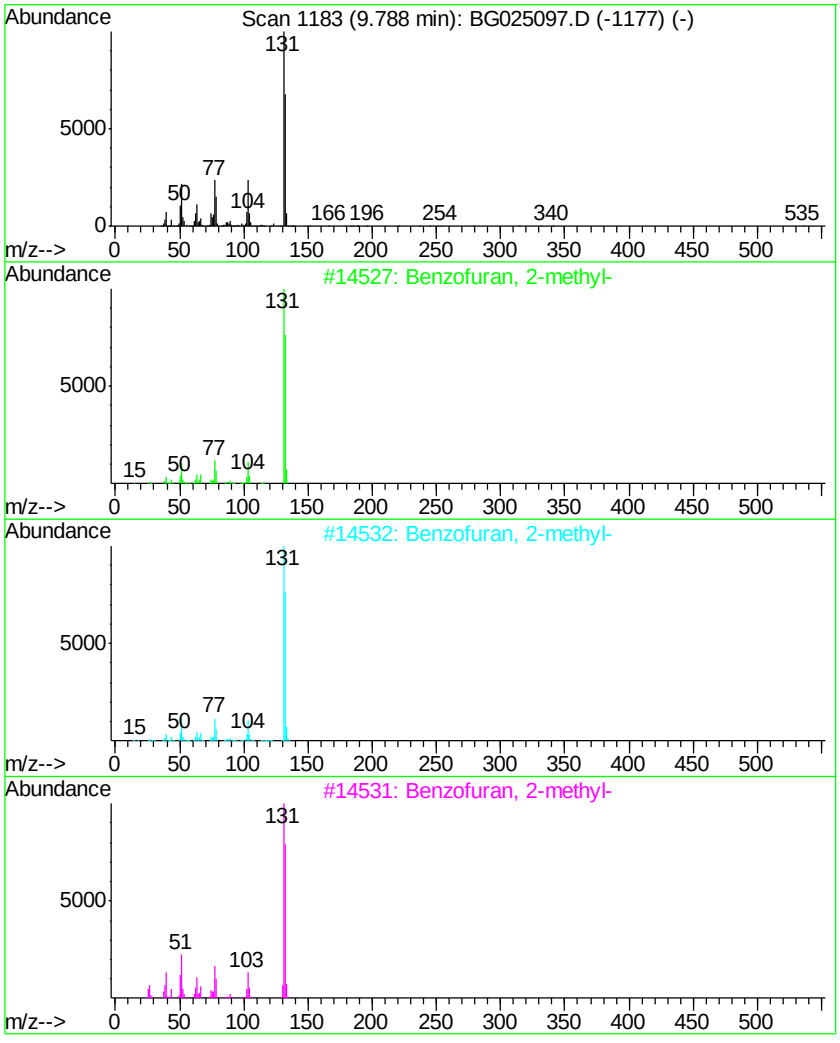
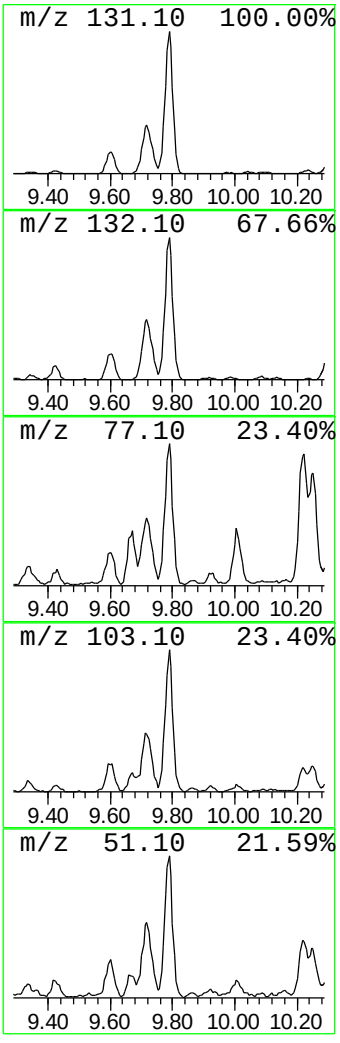
Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	14.40 ng/ul	3970290	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
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Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

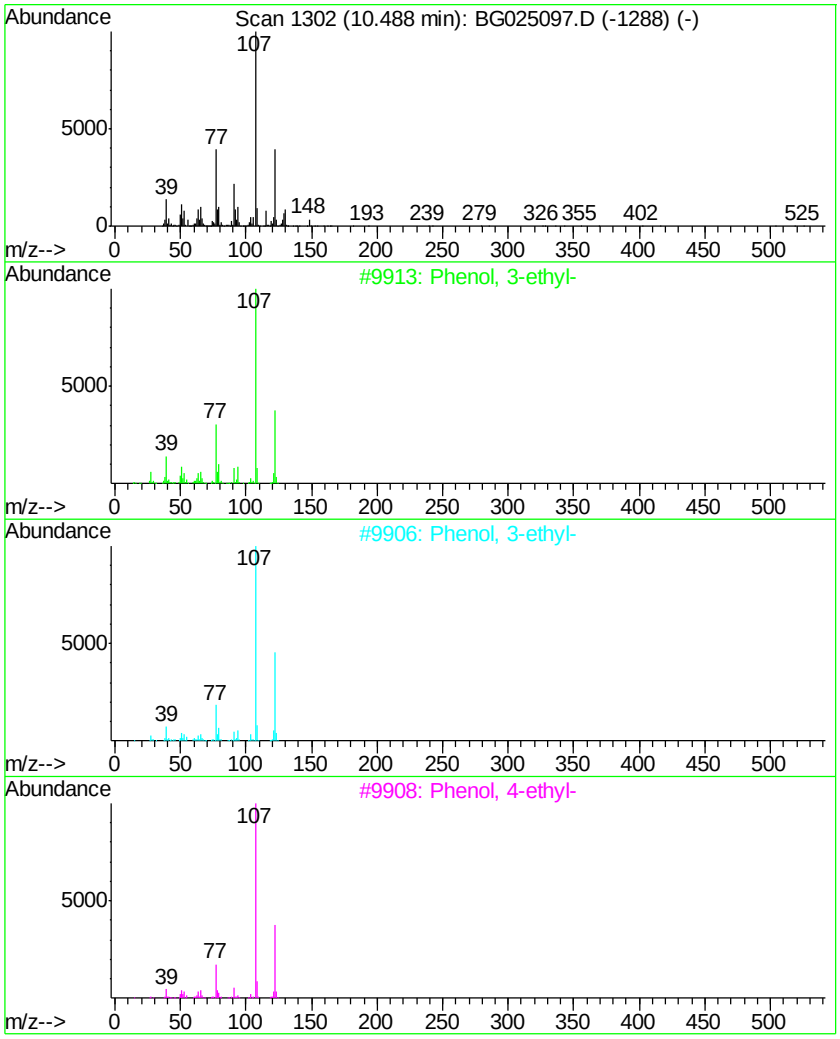
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

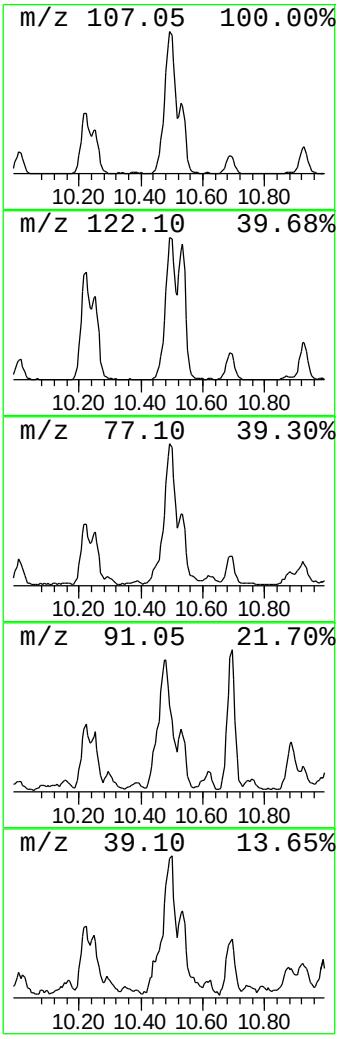
****

Peak Number 5 Phenol, 3-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	34.56 ng/ul	9528290	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	86
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86





Library Search Compound Report

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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
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Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

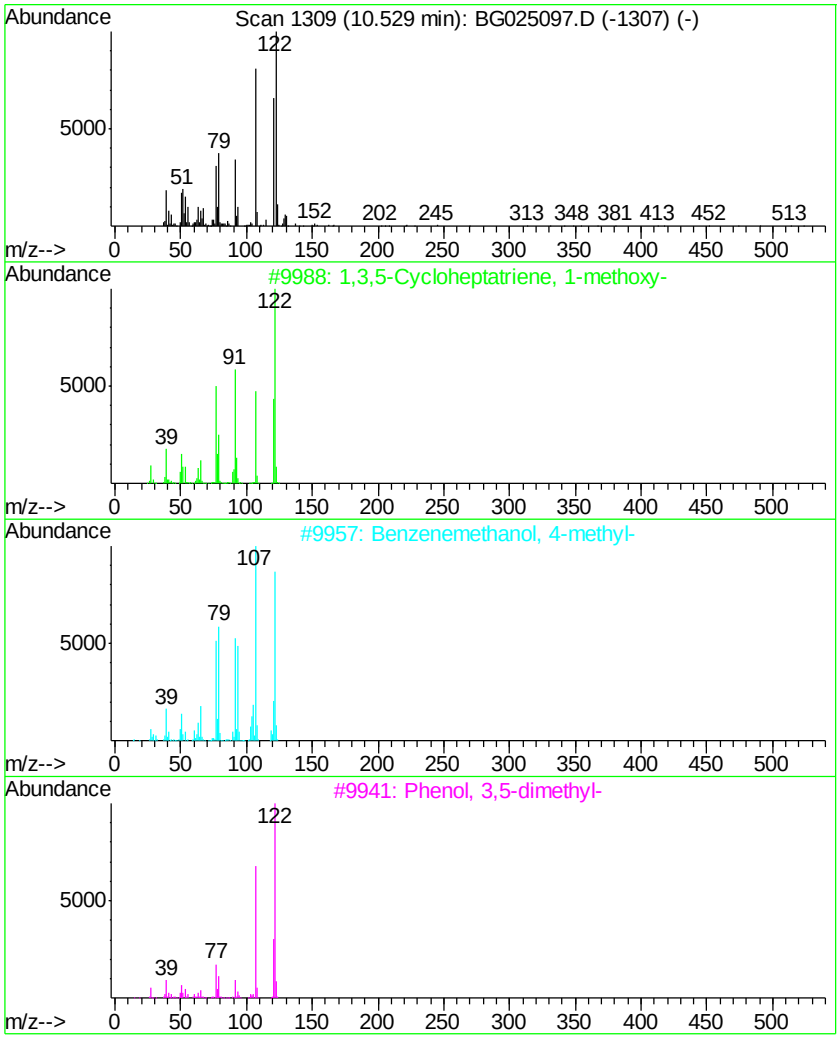
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

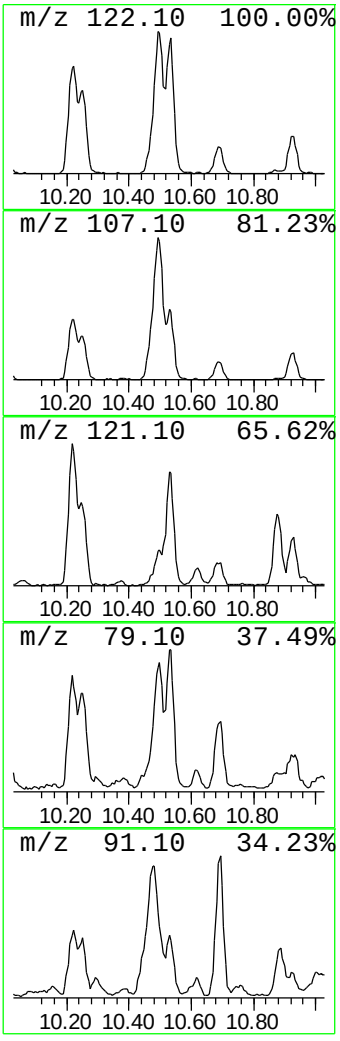
****

Peak Number 6 1,3,5-Cycloheptatriene, 1-m... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	15.17 ng/ul	4183730	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 1-methoxy-	122	C8H10O	001728-32-1	64
2	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	64
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	64
4	Phenol, 2,5-dimethyl-, acetate	164	C10H12O2	000877-48-5	59
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	59





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Sample : H5905-19
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

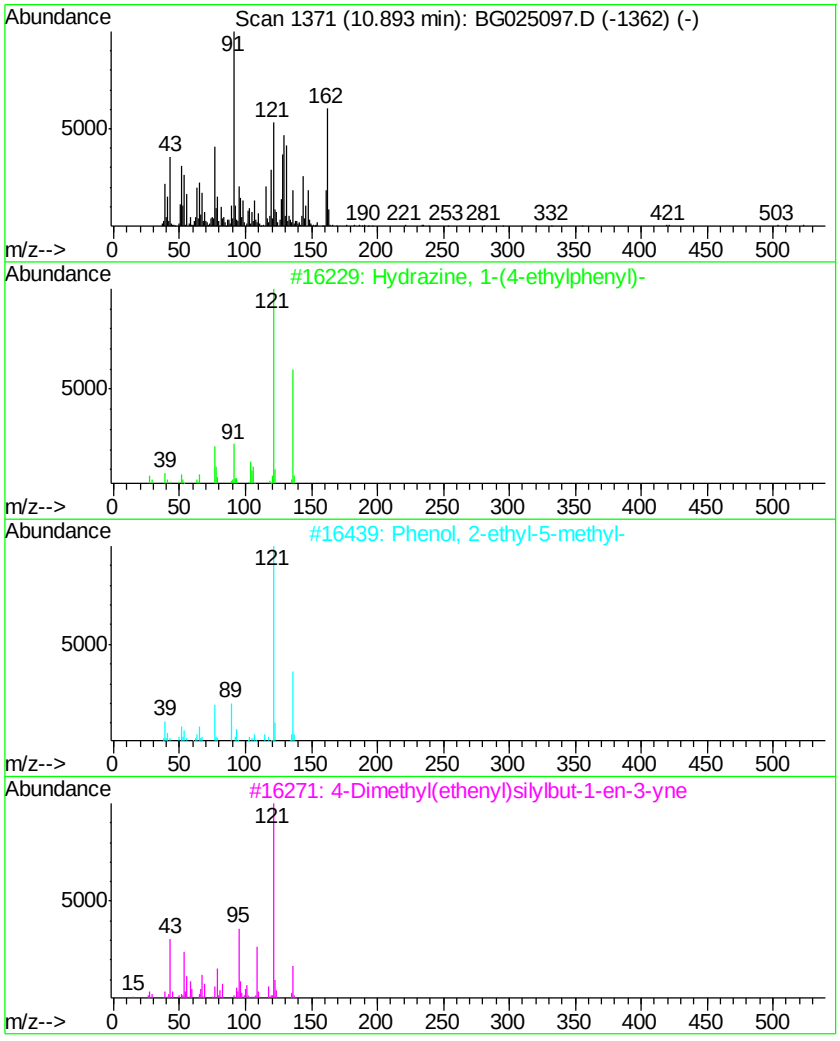
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

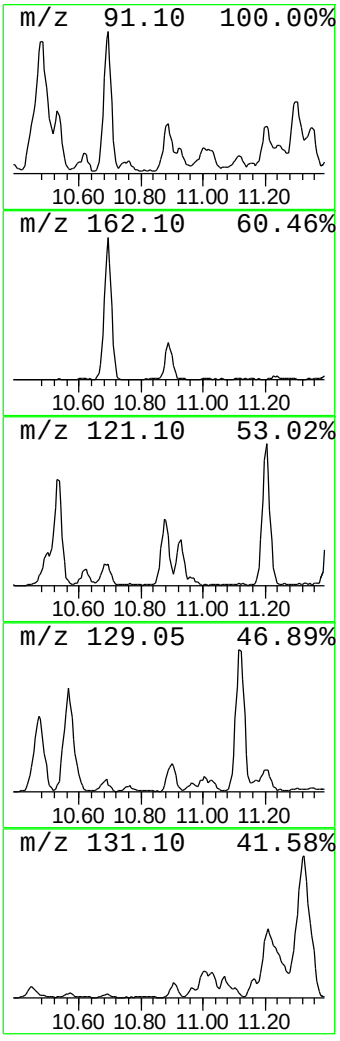
****

Peak Number 7 unknown-01 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	6.09 ng/ul	1679500	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	46
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	41
3	4-Dimethyl(ethenyl)silylbut-1-en...	136	C8H12Si	018292-17-6	41
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	41
5	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	38





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Instrument : BNA_G
ClientSampleId : DA818

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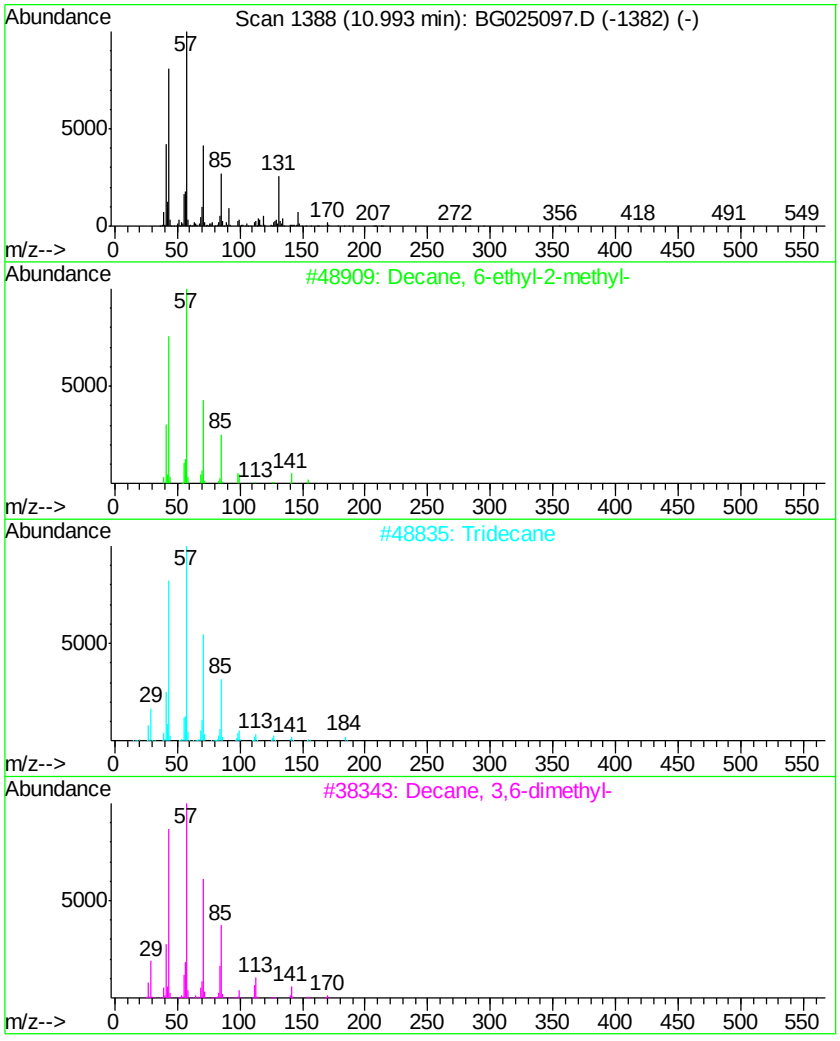
Quant Title : SVOA CALIBRATION

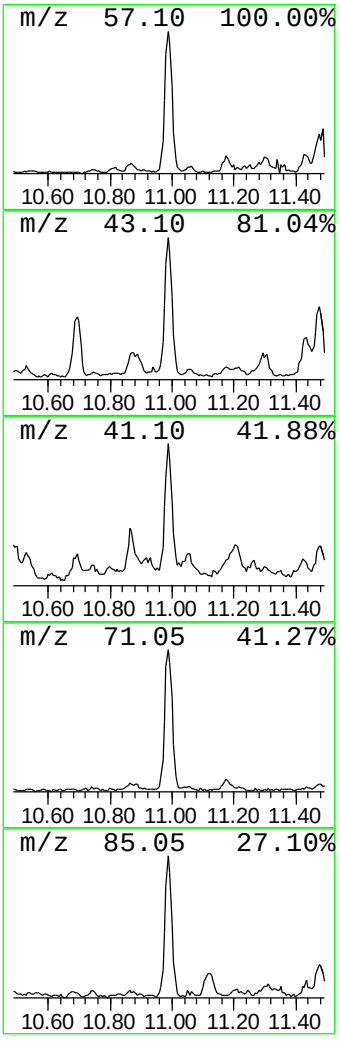
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	5.83 ng/ul	1608540	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
4	Tridecane	184	C13H28	000629-50-5	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

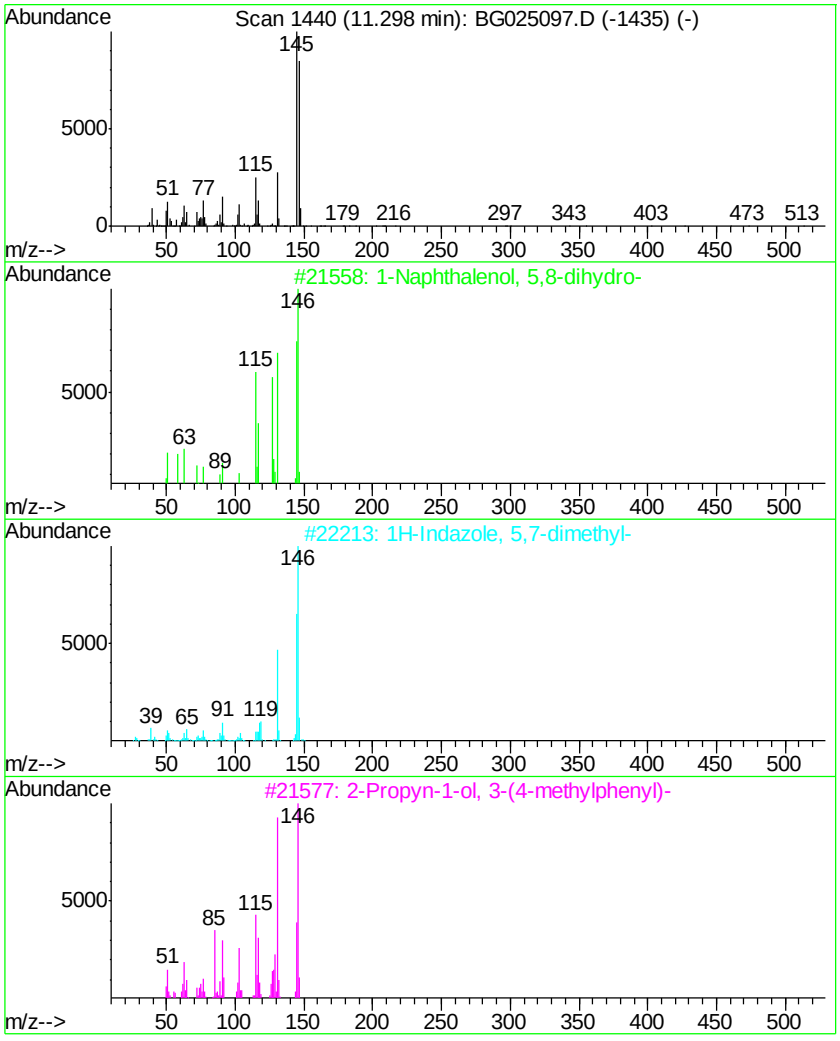
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

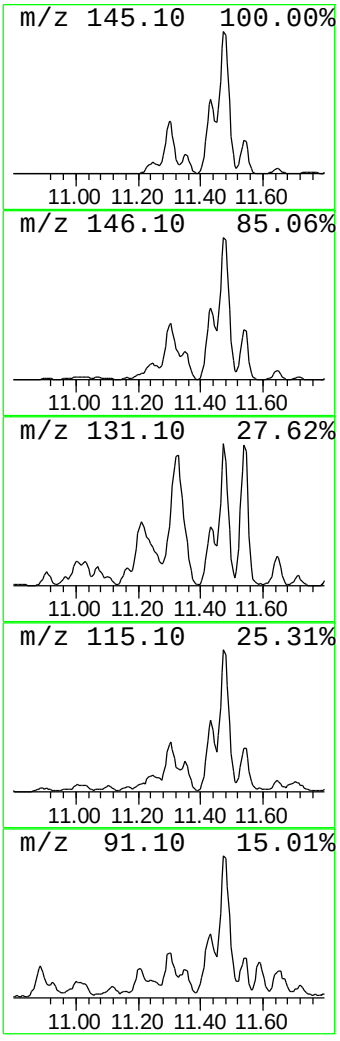
****

Peak Number 9 1-Naphthalenol, 5,8-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	36.83 ng/ul	10155300	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	59
2	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	58
3	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	53
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	50
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50





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Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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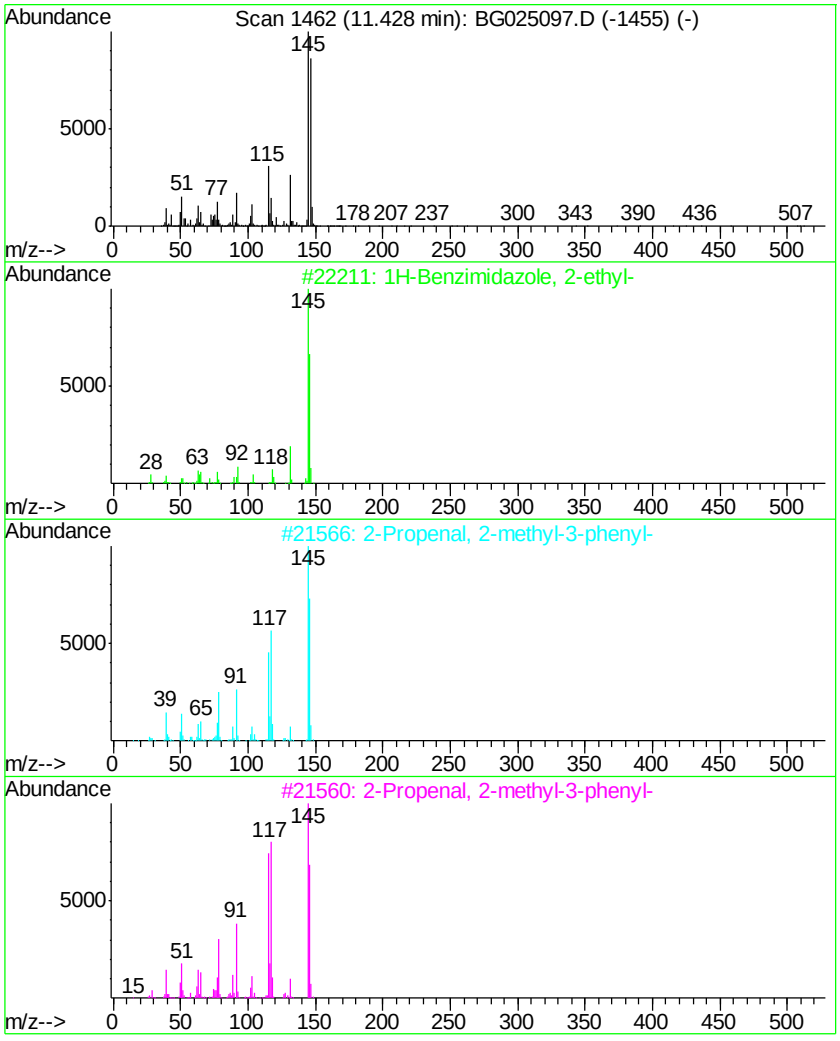
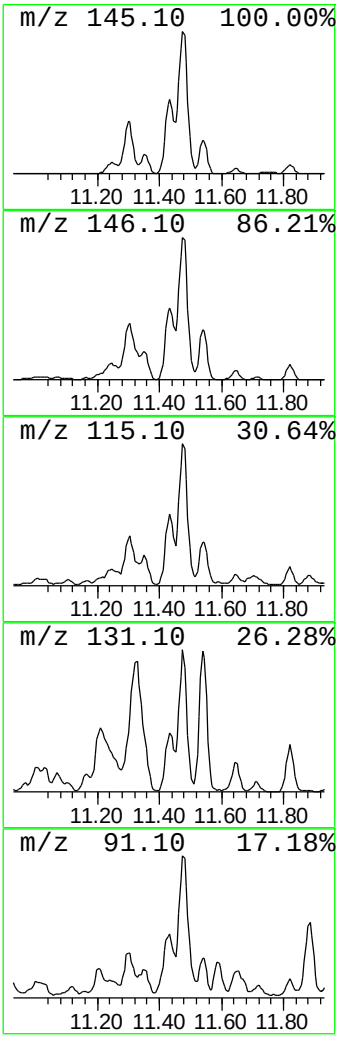
Peak Number 10 1H-Benzimidazole, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	29.72 ng/ul	8193970	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	56
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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Sample : H5905-19
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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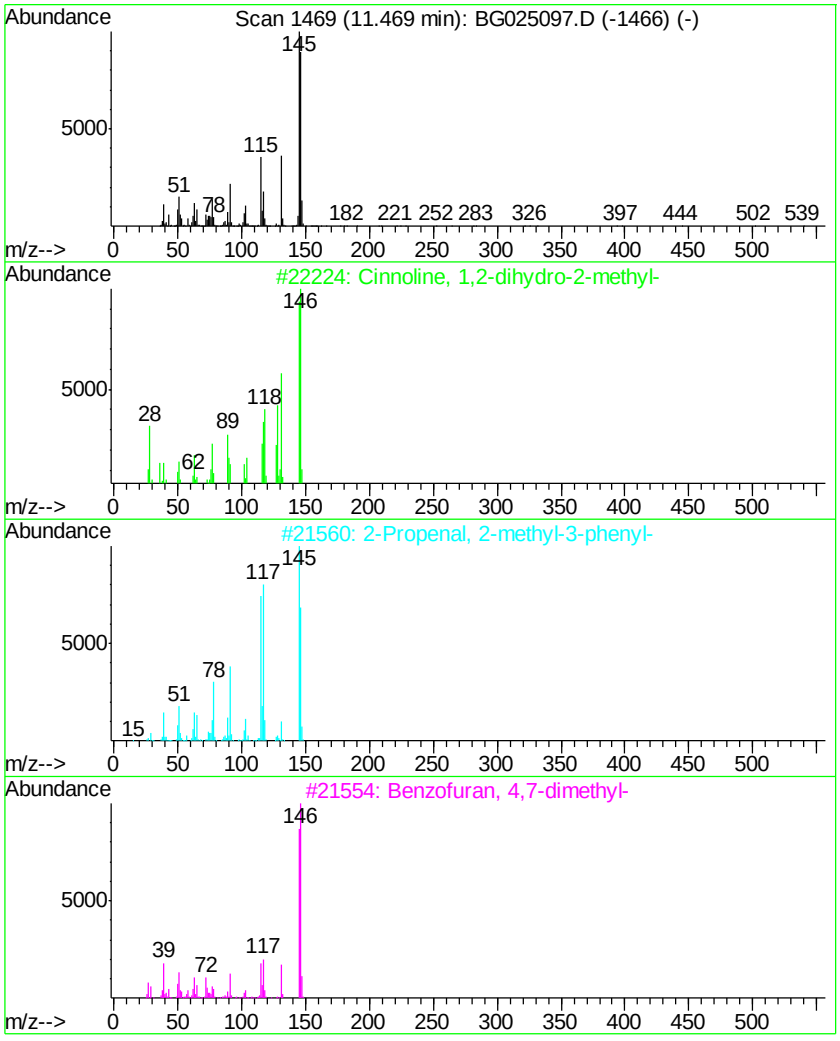
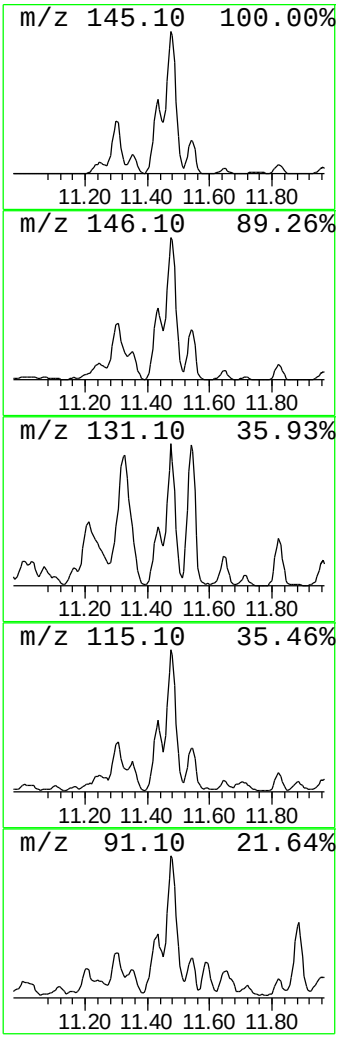
Peak Number 11 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	53.30 ng/ul	14696400	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	74
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	58
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	58
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	58





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Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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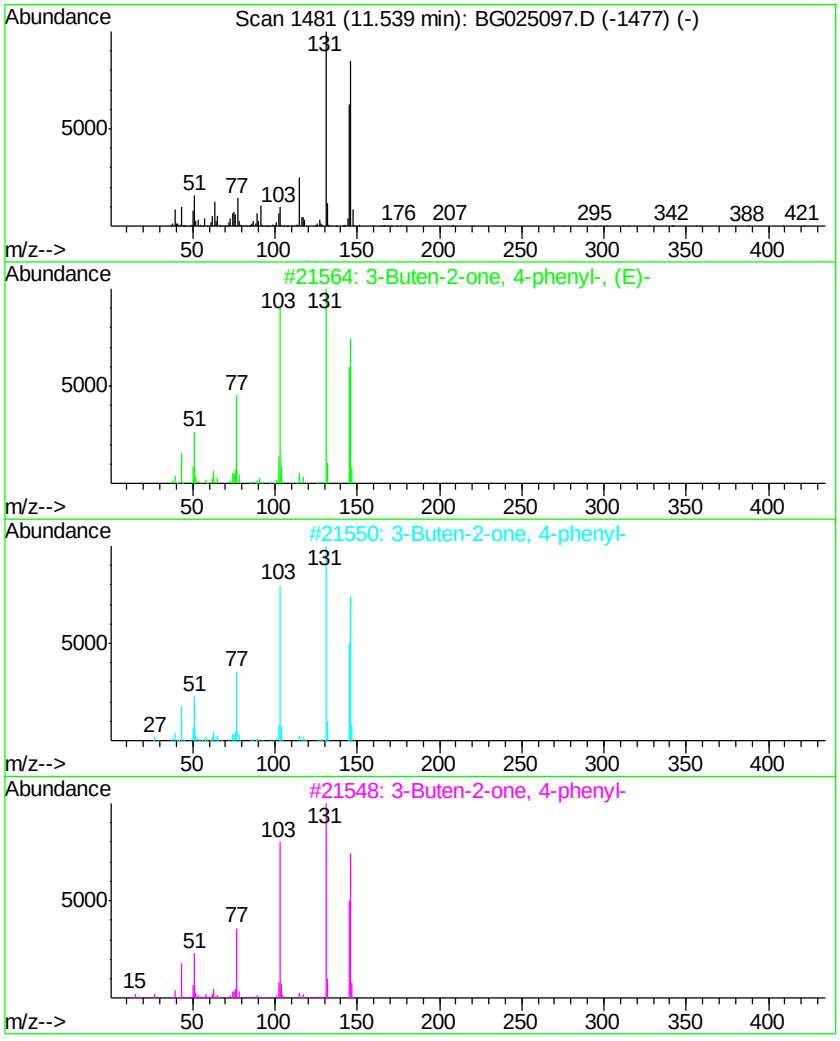
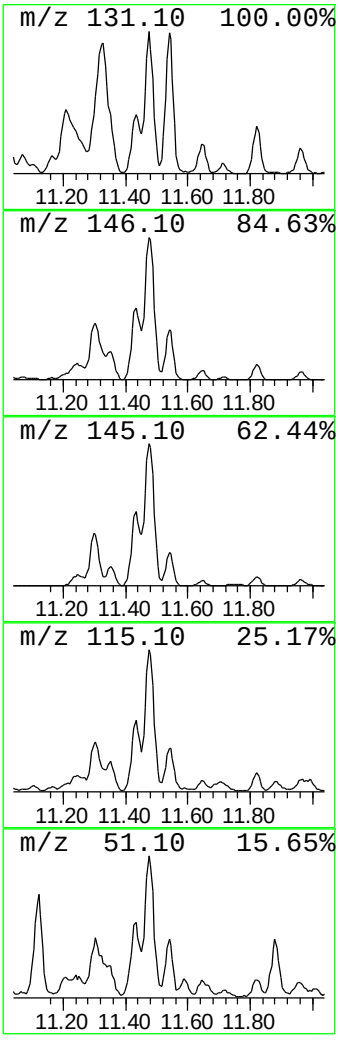
Peak Number 12 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	14.58 ng/ul	4020730	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	83
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	80
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	80
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	72
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	72





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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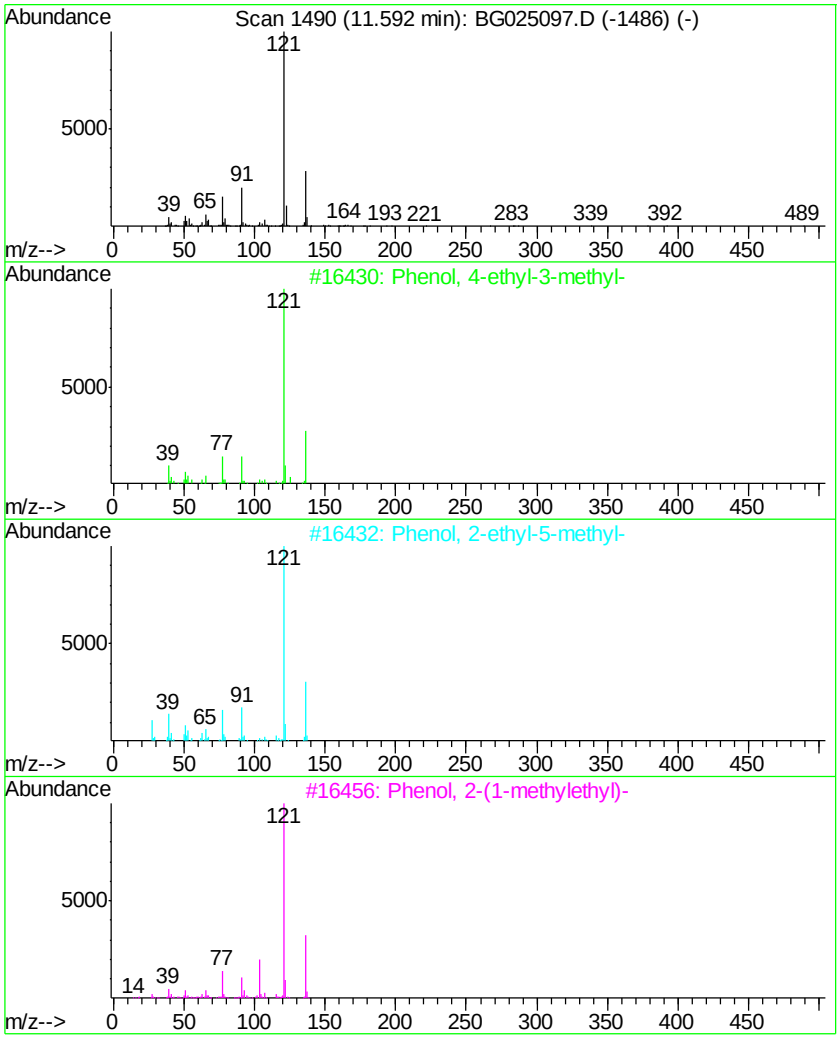
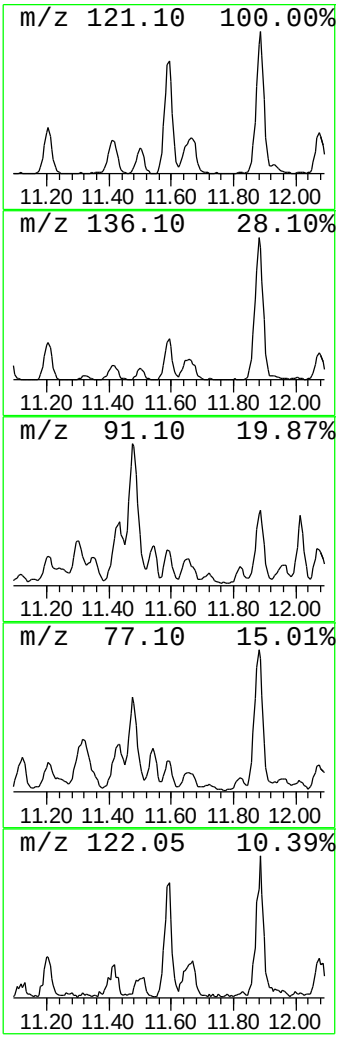
Peak Number 13 Phenol, 4-ethyl-3-methyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	5.39 ng/ul	1486140	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90





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Quant Title : SVOA CALIBRATION

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

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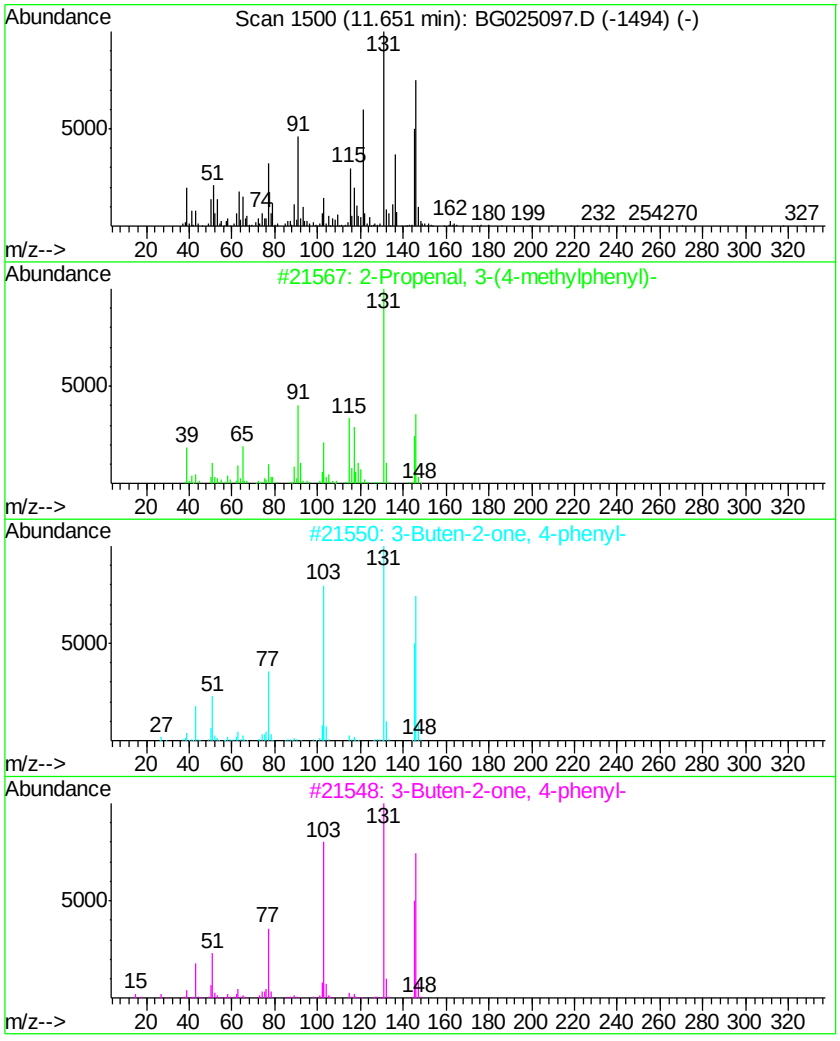
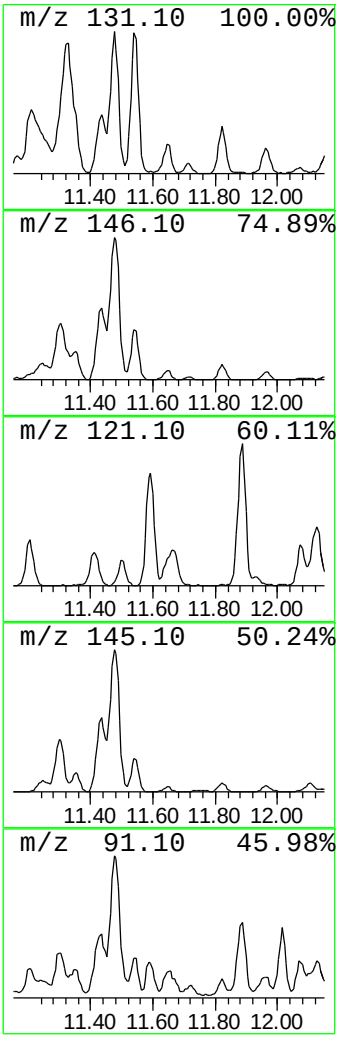
Peak Number 14 2-Propenal, 3-(4-methylphen... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	6.51 ng/ul	1794070	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	81
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	70
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	70
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	58





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Quant Title : SVOA CALIBRATION

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

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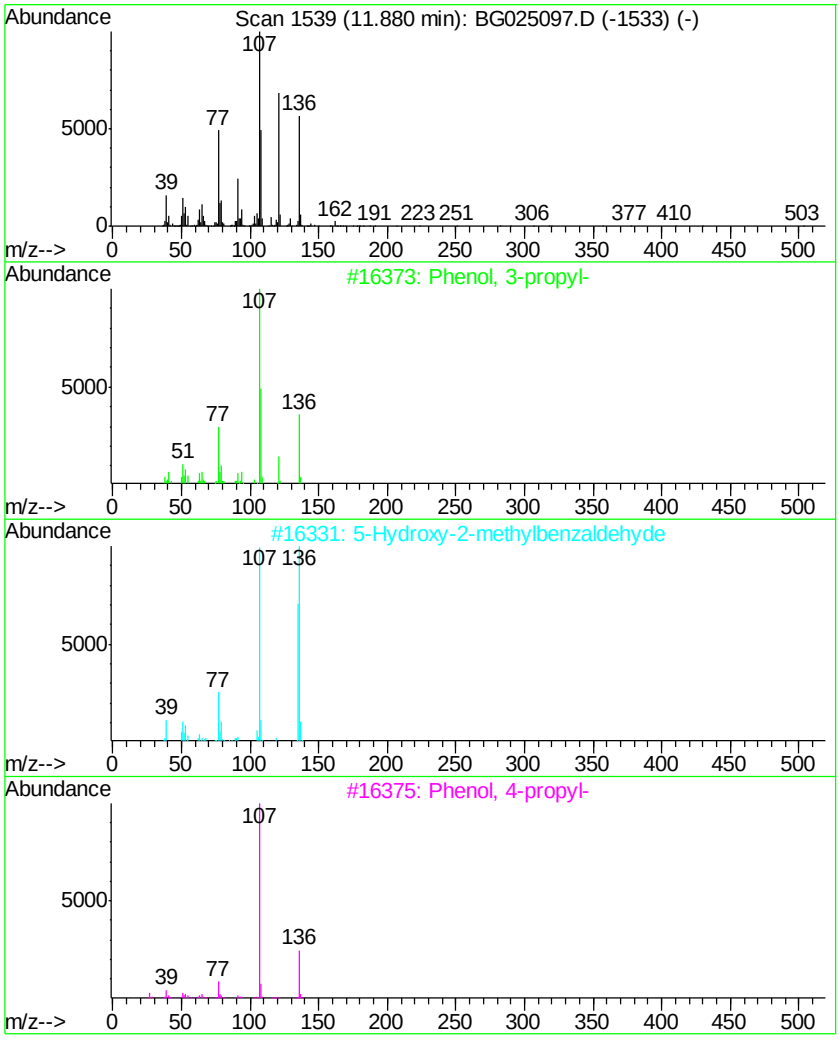
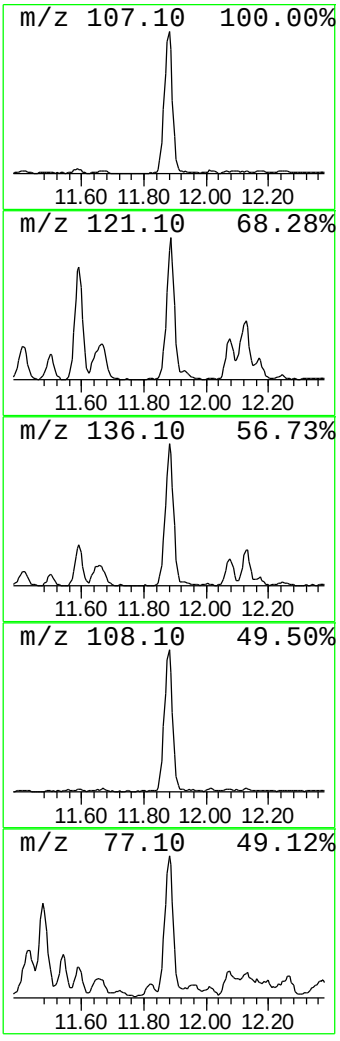
Peak Number 16 Phenol, 3-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	22.53 ng/ul	6211880	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	5-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	023942-00-9	64
3	Phenol, 4-propyl-	136	C9H12O	000645-56-7	49
4	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	43
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	41





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Quant Title : SVOA CALIBRATION

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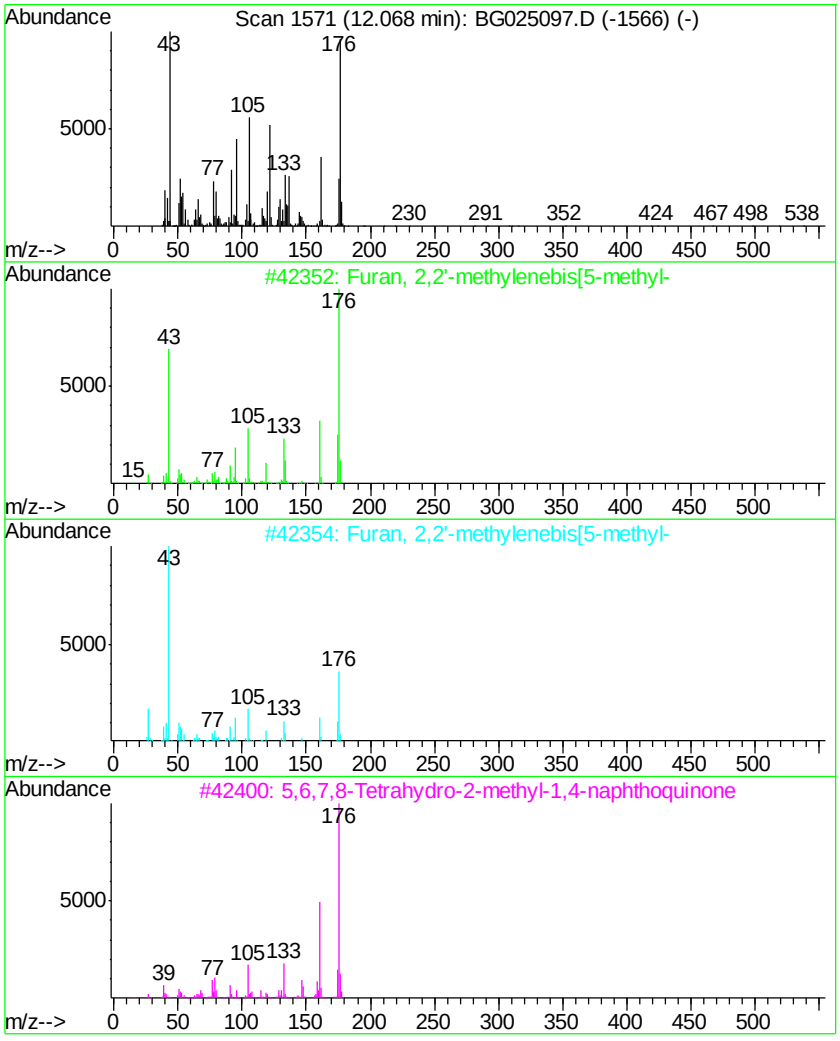
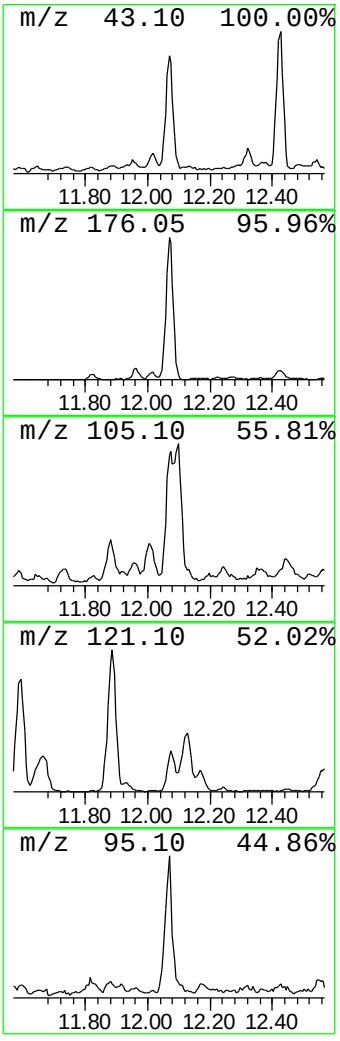
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Furan, 2,2'-methylenebis[5-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	17.54 ng/ul	4837600	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	87
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	76
3	5,6,7,8-Tetrahydro-2-methyl-1,4-...	176	C11H12O2	000058-26-4	47
4	2(3H)-Benzofuranone, 3-(methoxym...	176	C10H8O3	040800-90-6	43
5	1,2-Dihydro-4-methoxy-1-oxophtha...	176	C9H8N2O2	019807-84-2	35





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Sample : H5905-19
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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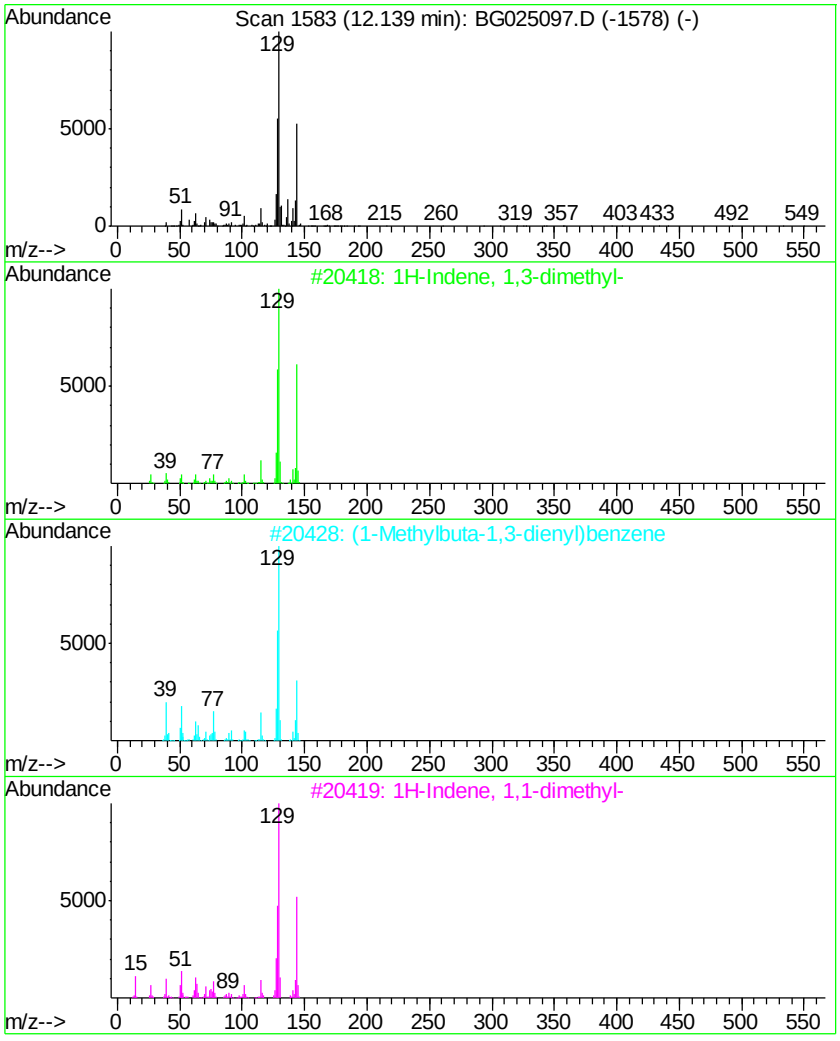
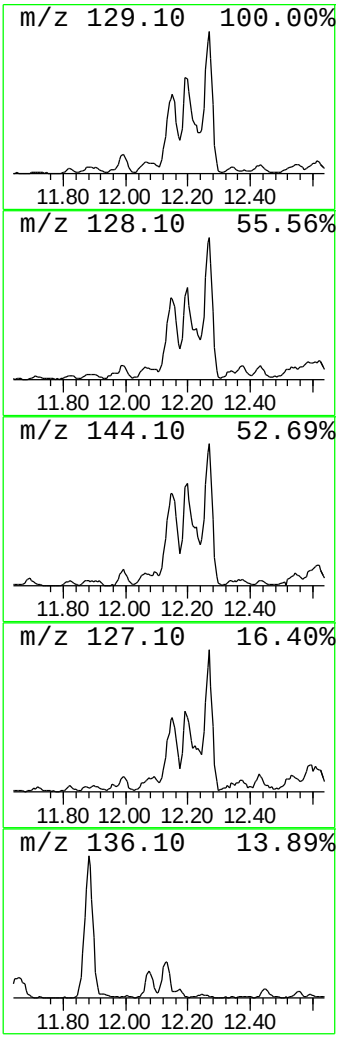
Peak Number 18 1H-Indene, 1,3-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	7.87 ng/ul	2170040	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
4	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	83
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81





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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

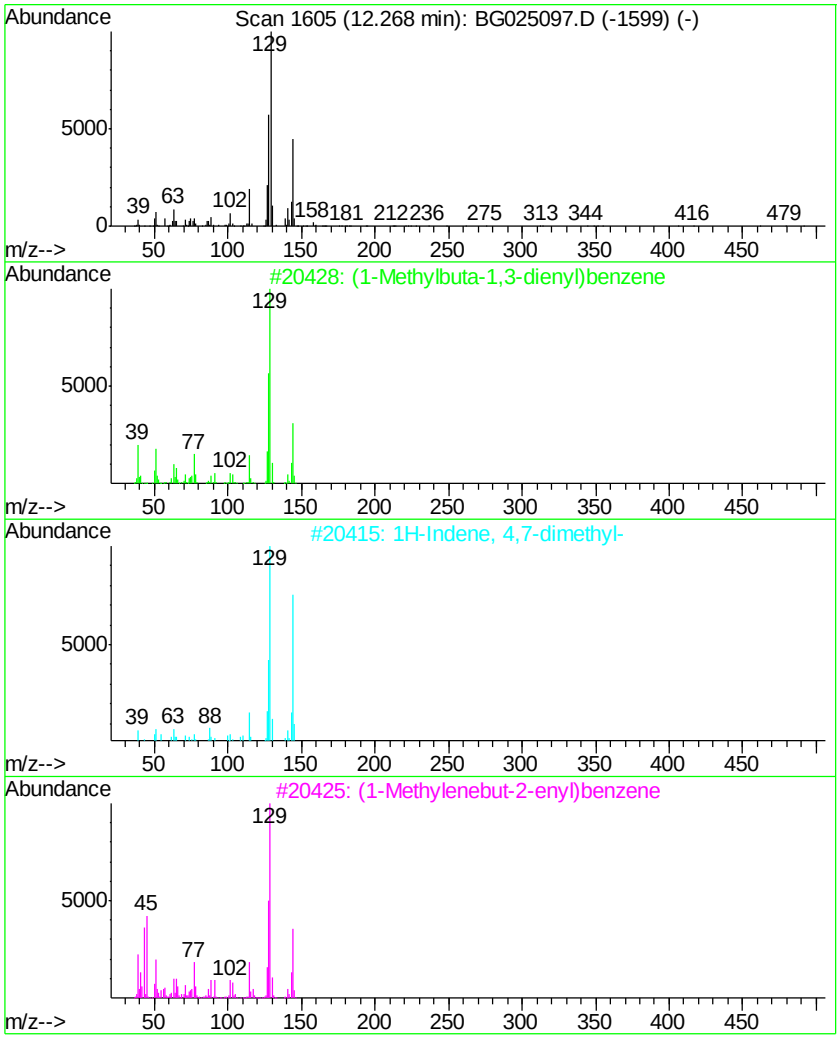
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

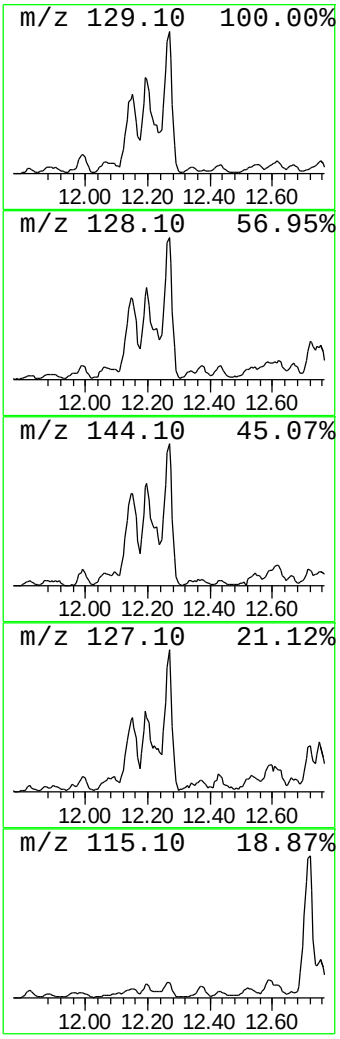
****

Peak Number 19 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	17.39 ng/ul	4795110	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	94
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	91
3	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	80





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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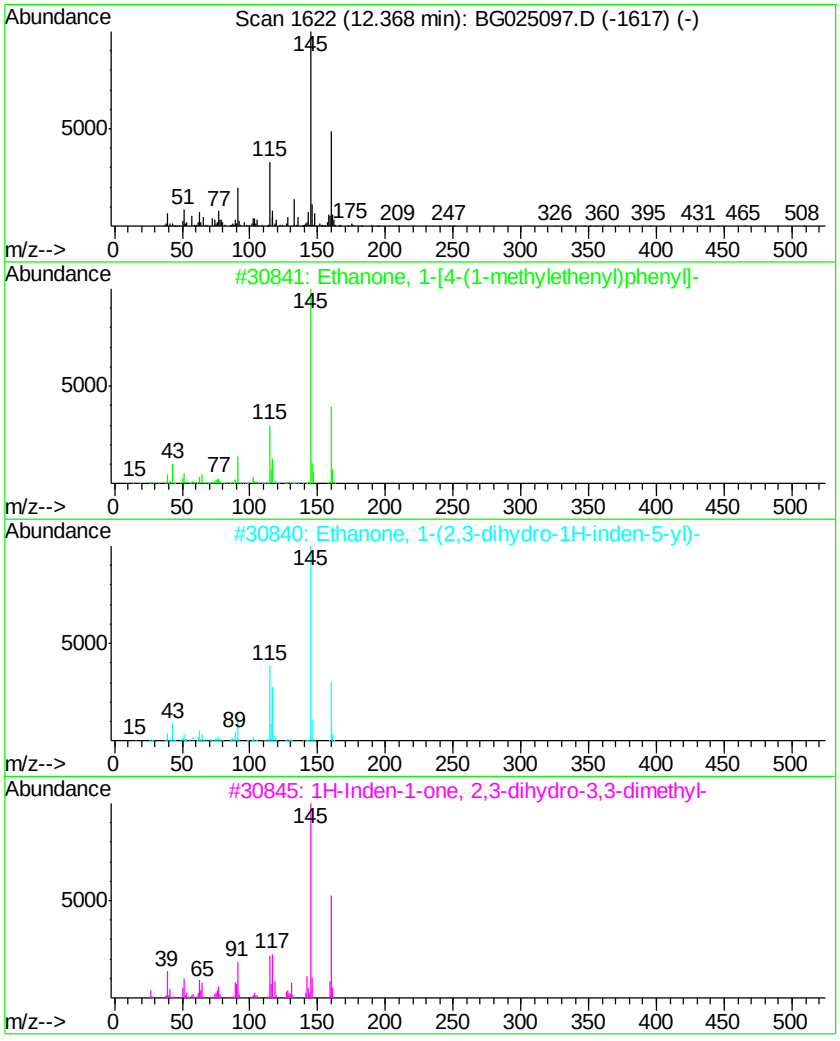
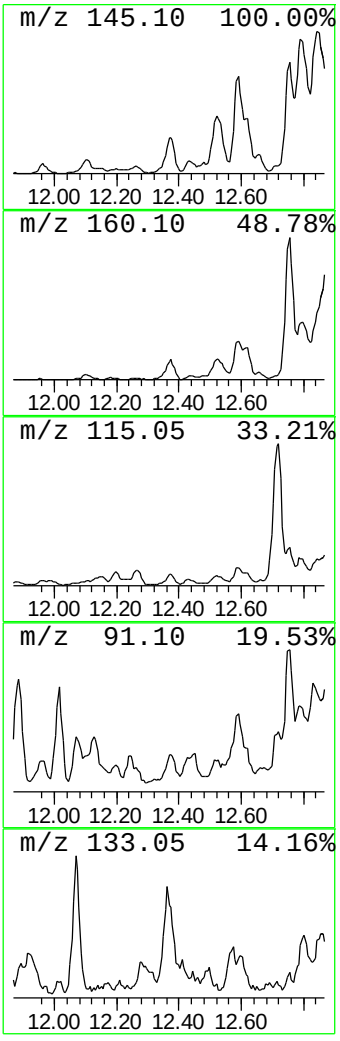
Peak Number 20 Ethanone, 1-[4-(1-methyleth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.60 ng/ul	1820710	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	90
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	74
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64





Library Search Compound Report

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Sample : H5905-19
Misc :
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Instrument : BNA_G
ClientSampleId : DA818

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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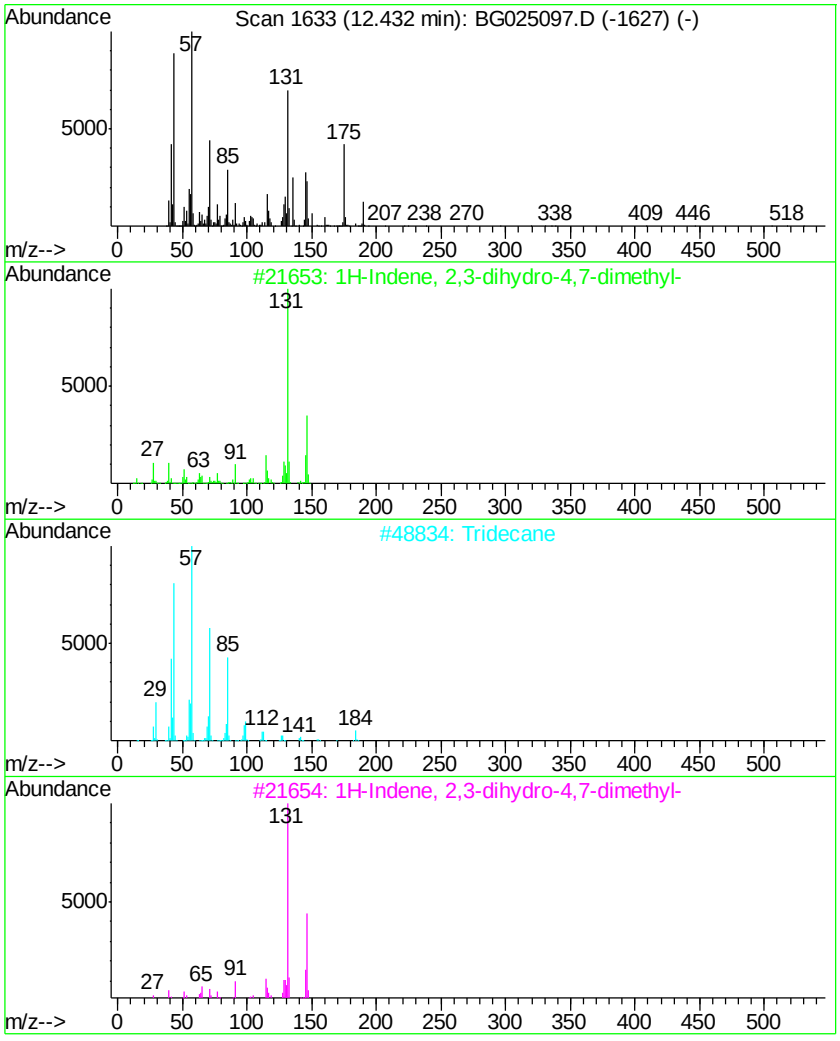
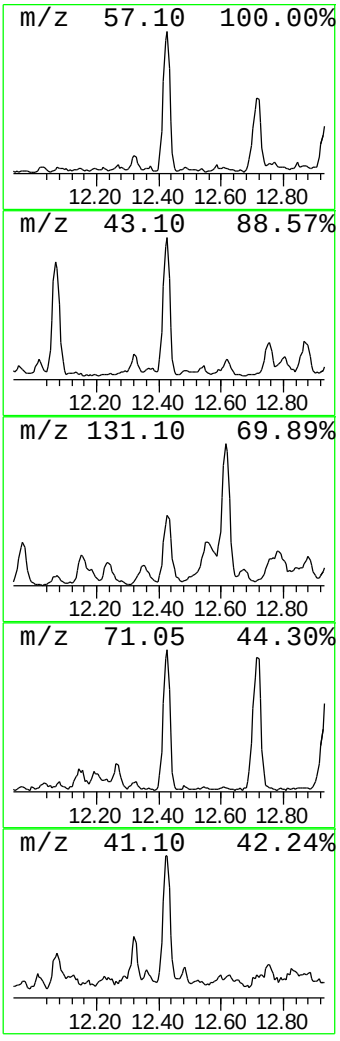
Peak Number 21 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	14.38 ng/ul	3964970	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
2	Tridecane	184	C13H28	000629-50-5	72
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	51
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	38
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	38





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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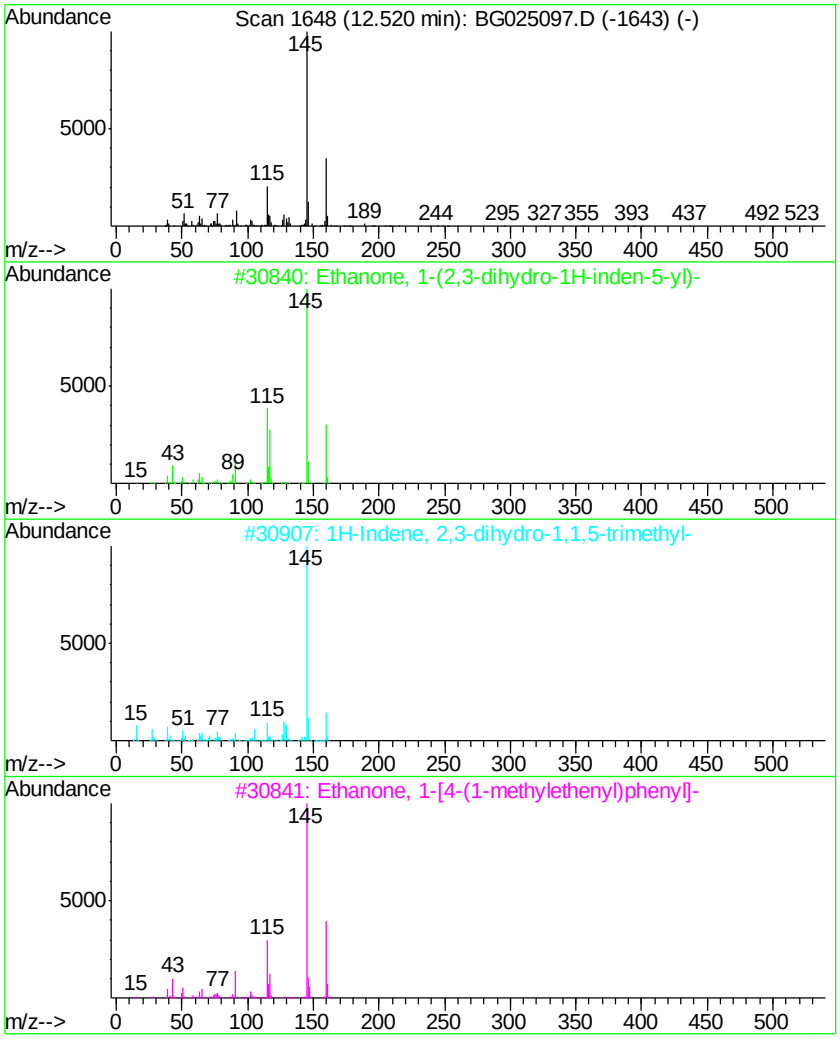
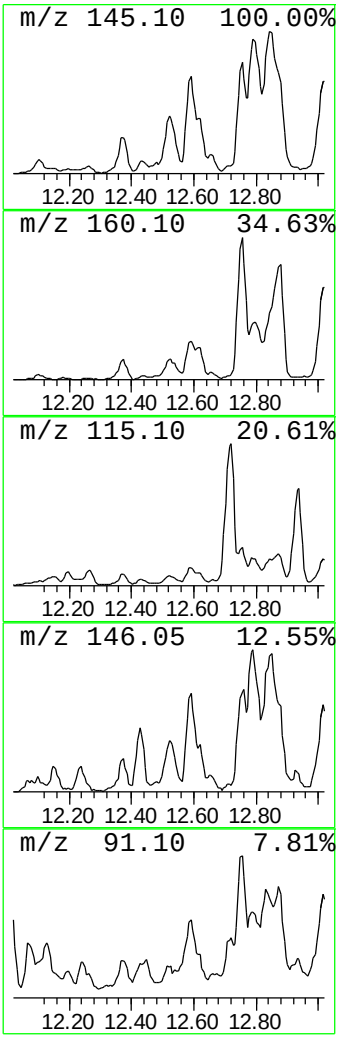
Peak Number 22 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	7.31 ng/ul	2015480	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	87
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	72





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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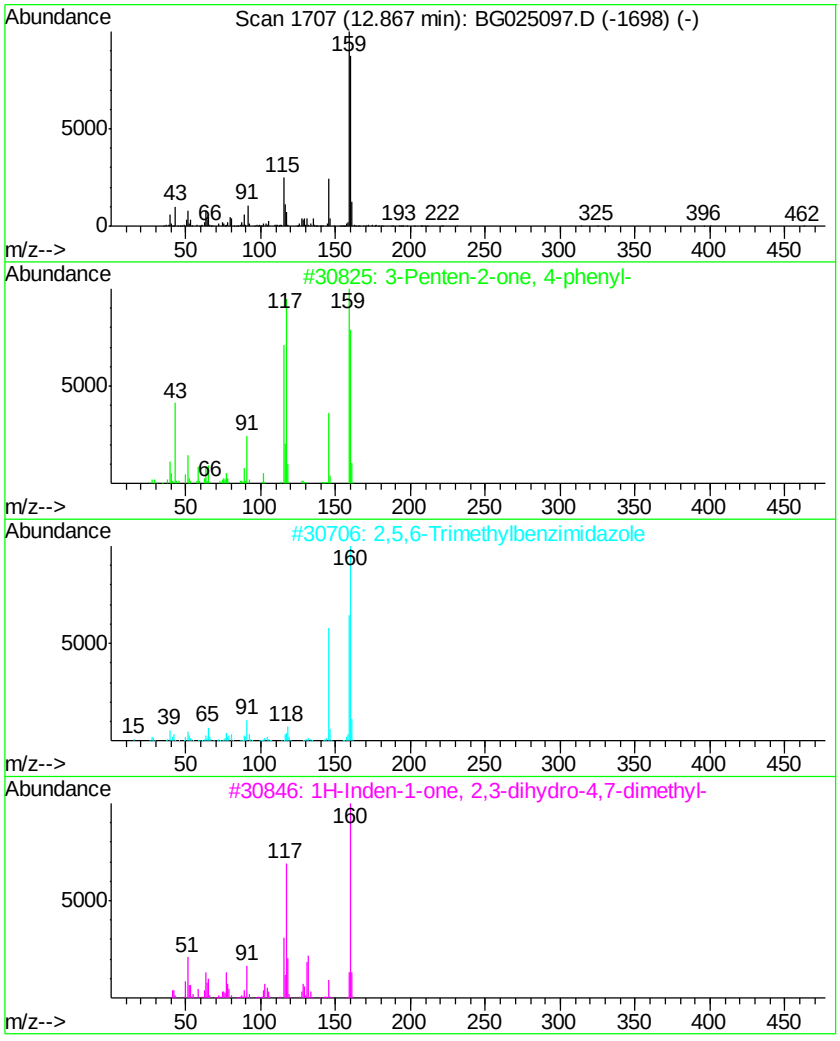
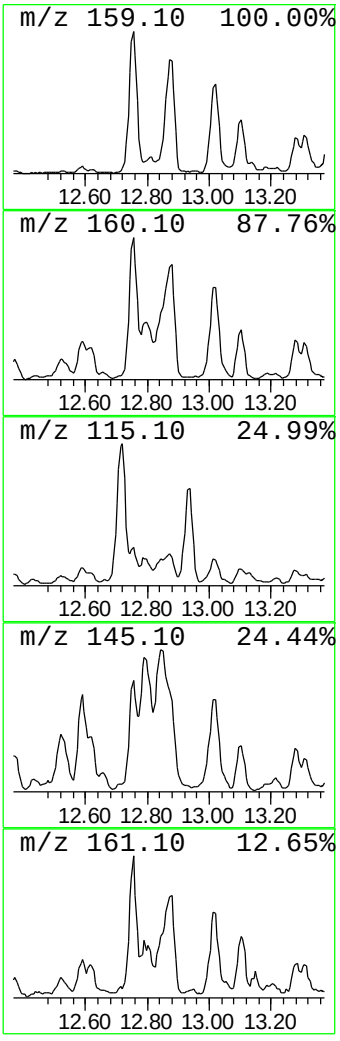
Peak Number 25 3-Penten-2-one, 4-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	41.34 ng/ul	11400000	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	50
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	47
3	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	46
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	46
5	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	43





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Sample : H5905-19
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Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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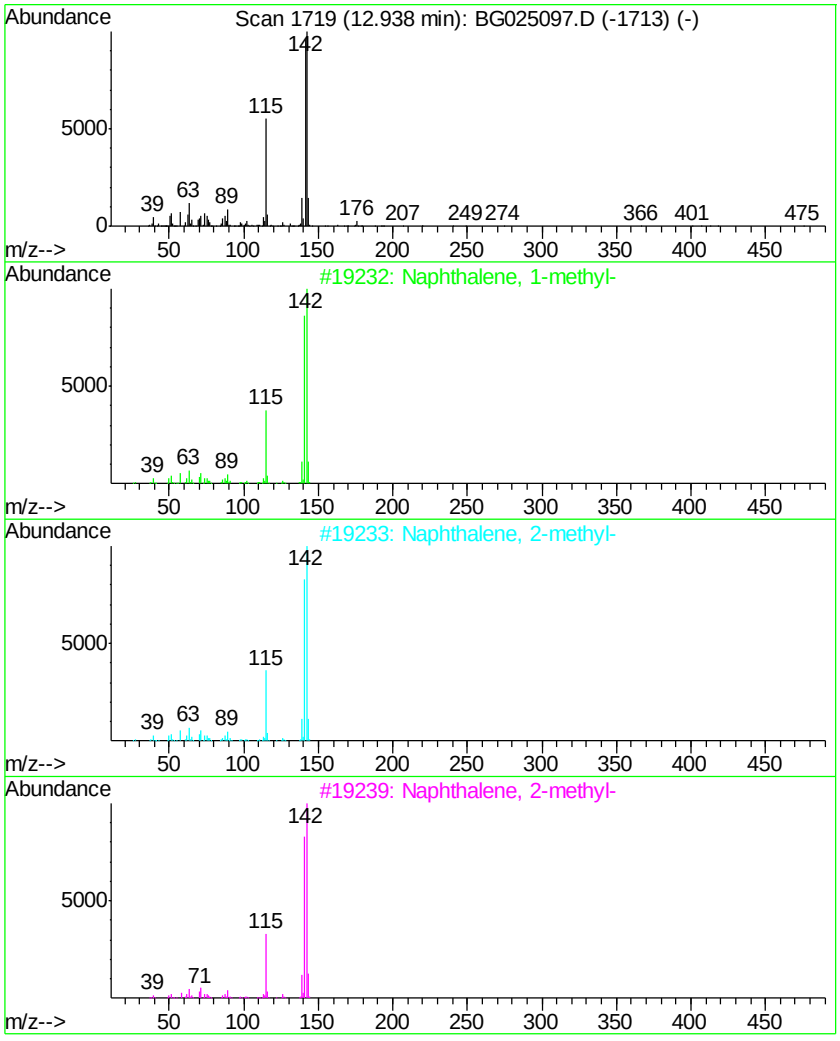
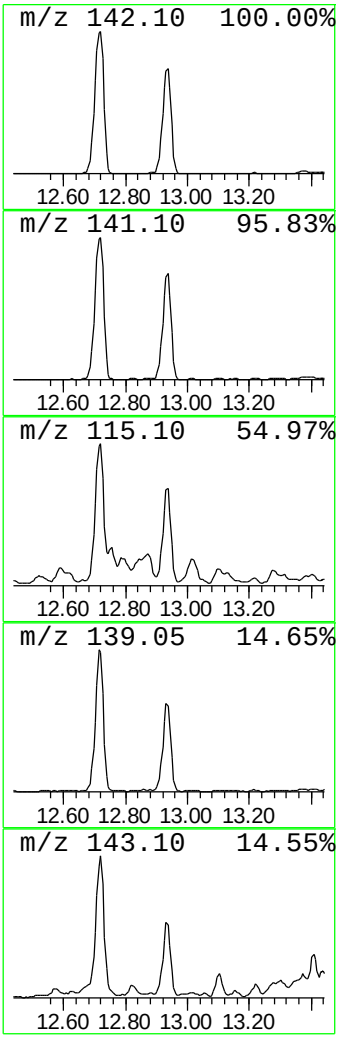
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	41.12 ng/ul	11337400	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	94





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Sample : H5905-19
Misc :
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Instrument : BNA_G
ClientSampleId : DA818

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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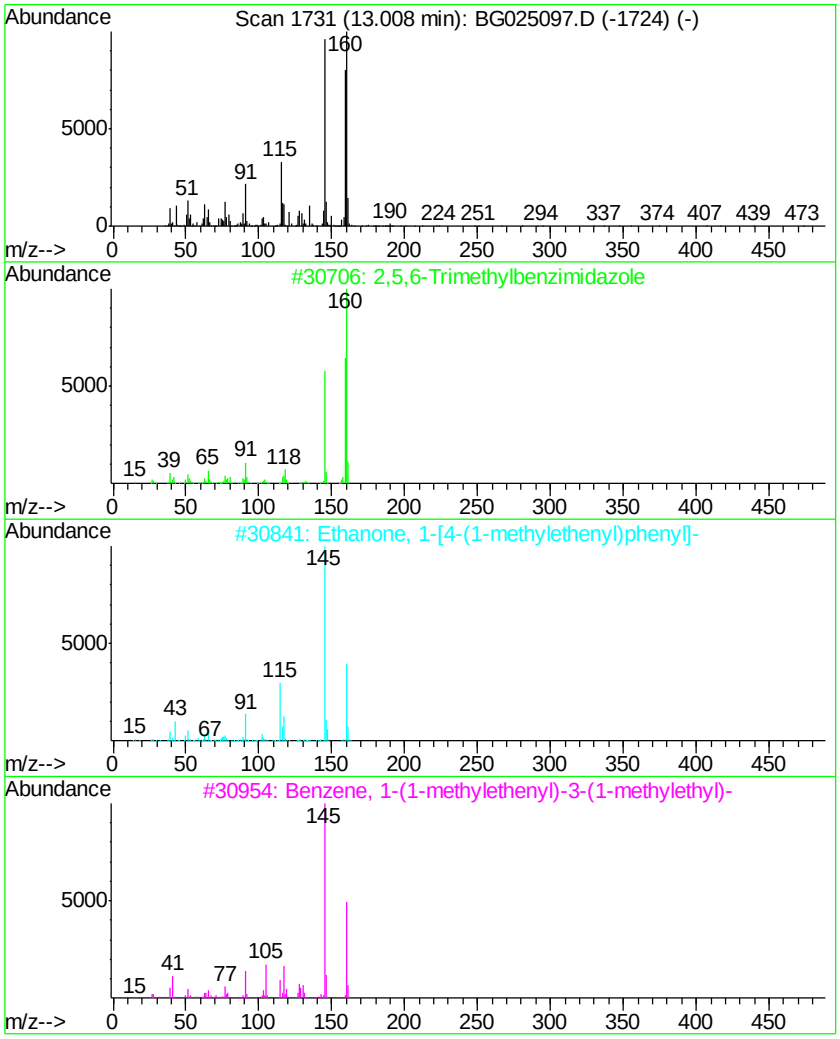
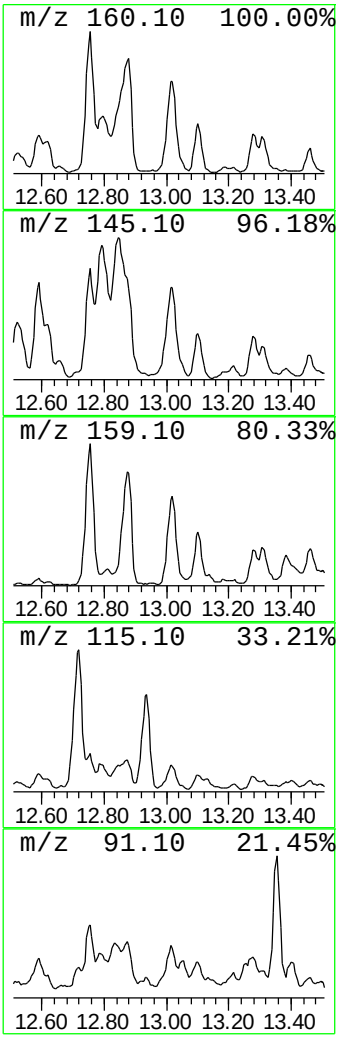
Peak Number 27 2,5,6-Trimethylbenzimidazole Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	20.32 ng/ul	7811790	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	90
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	52





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Acq On : 11 Dec 2016 10:18
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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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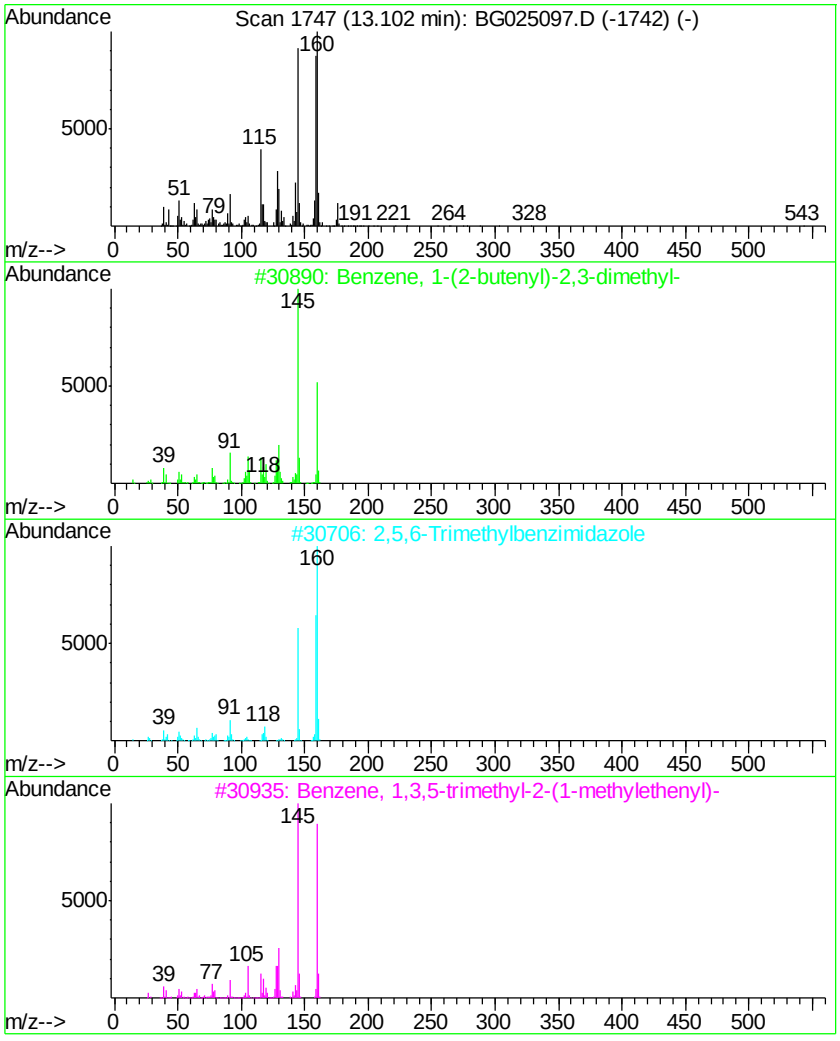
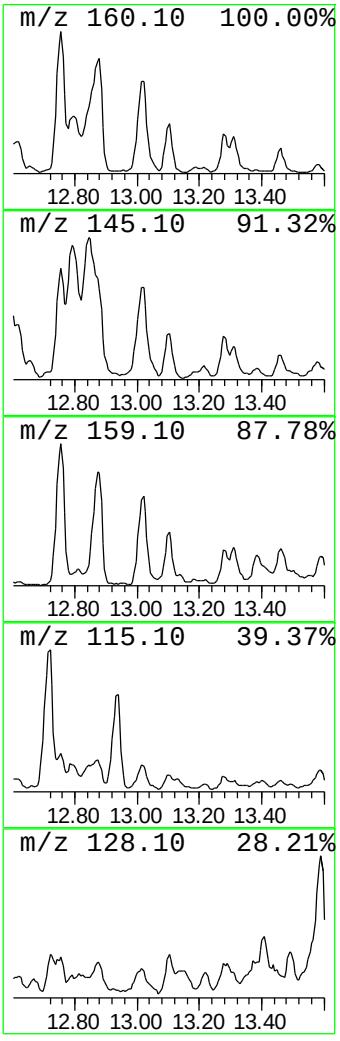
Peak Number 28 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	17.43 ng/ul	6698910	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	52
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	45





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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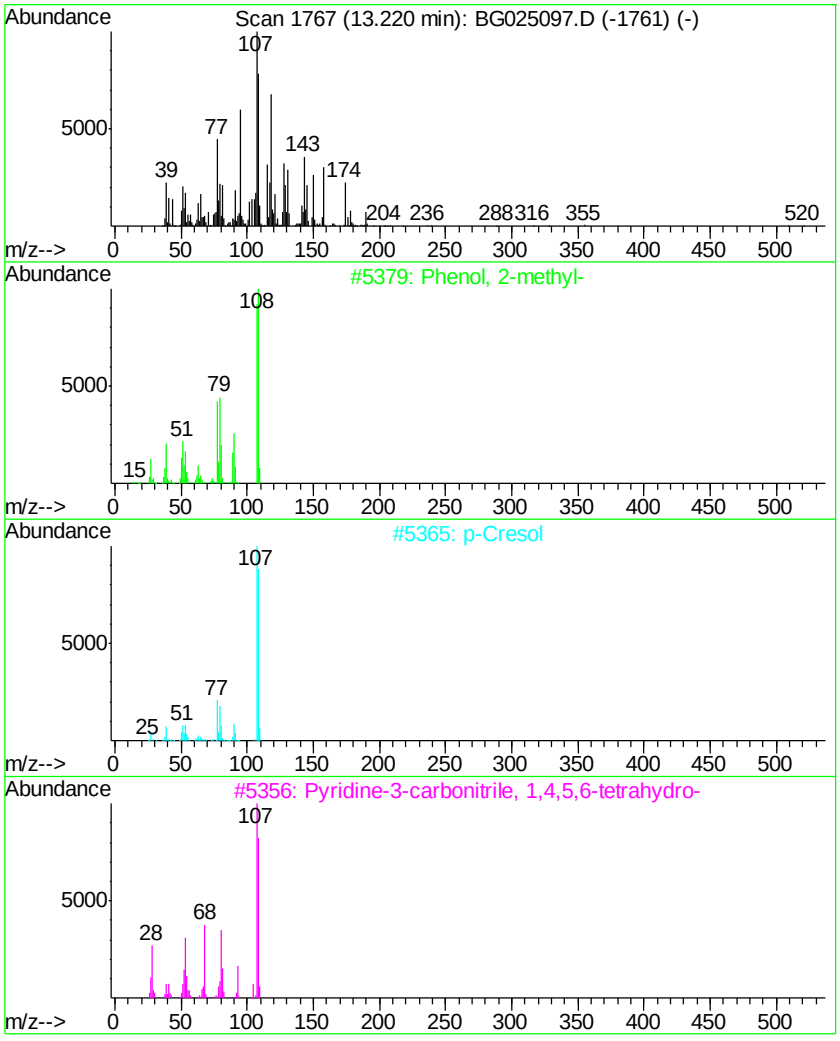
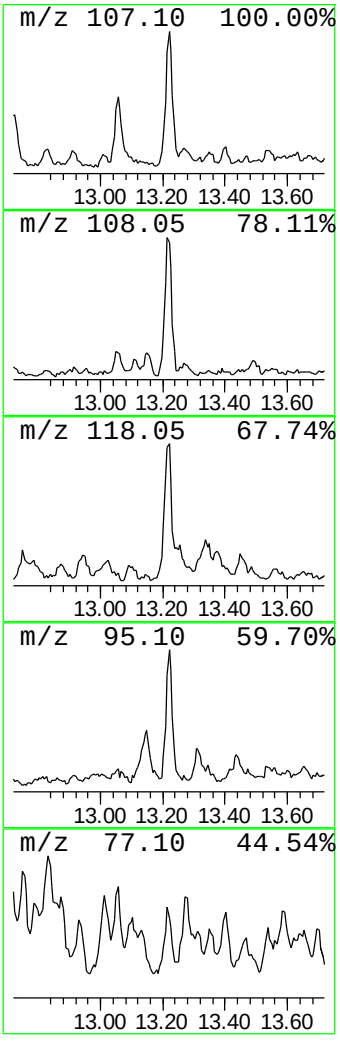
Peak Number 29 unknown-02 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.50 ng/ul	2114630	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	46
2	p-Cresol	108	C7H8O	000106-44-5	41
3	Pyridine-3-carbonitrile, 1,4,5,6...	108	C6H8N2	007492-87-7	38
4	p-Cresol	108	C7H8O	000106-44-5	38
5	p-Cresol	108	C7H8O	000106-44-5	38





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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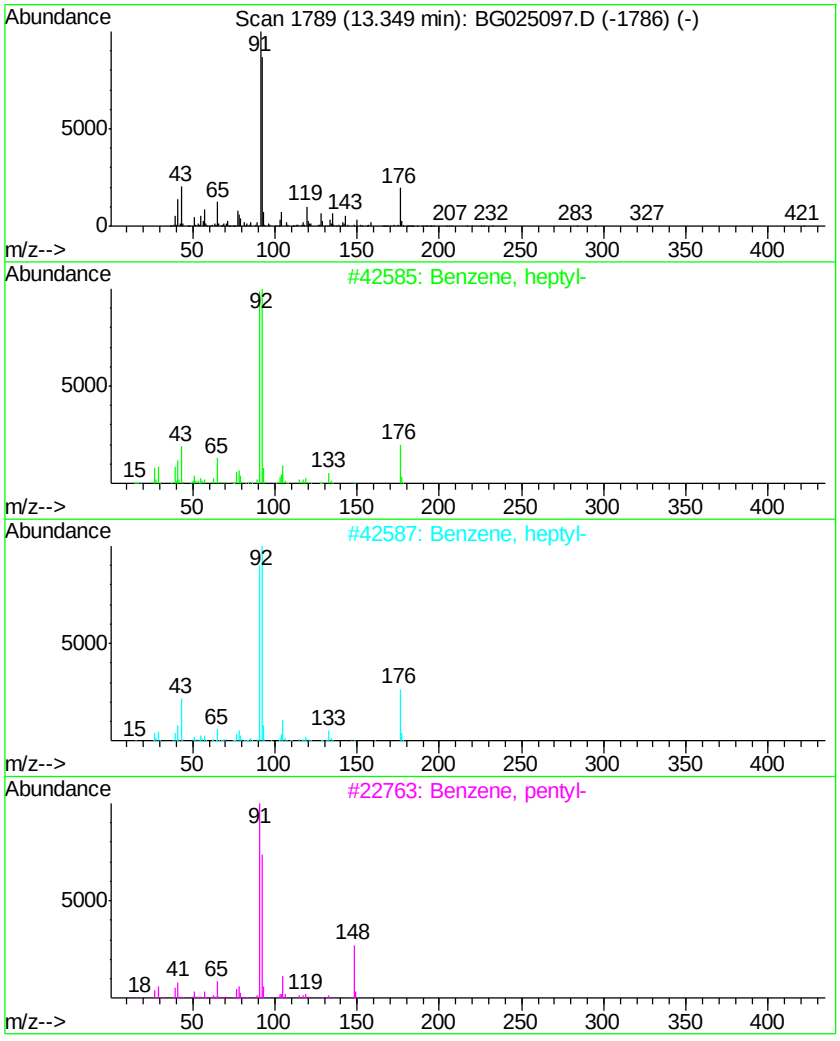
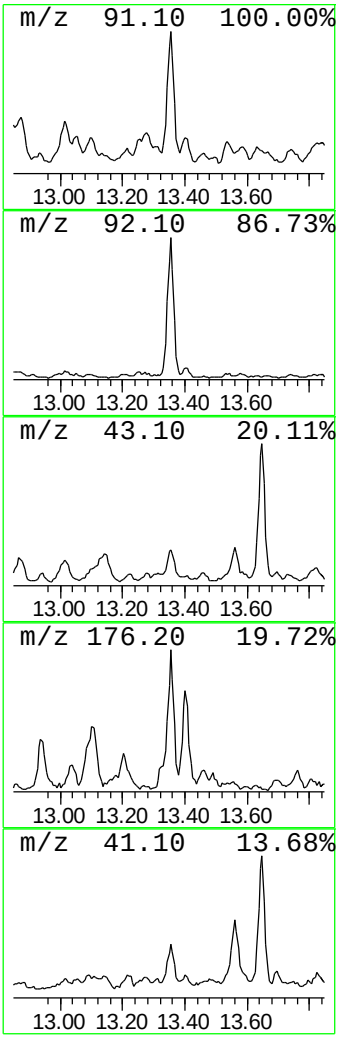
Peak Number 31 Benzene, heptyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	4.46 ng/ul	1715180	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	80
2	Benzene, heptyl-	176	C13H20	001078-71-3	72
3	Benzene, pentyl-	148	C11H16	000538-68-1	50
4	Benzene, heptyl-	176	C13H20	001078-71-3	50
5	Phenylethyl Alcohol	122	C8H10O	000060-12-8	50





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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Quant Title : SVOA CALIBRATION

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

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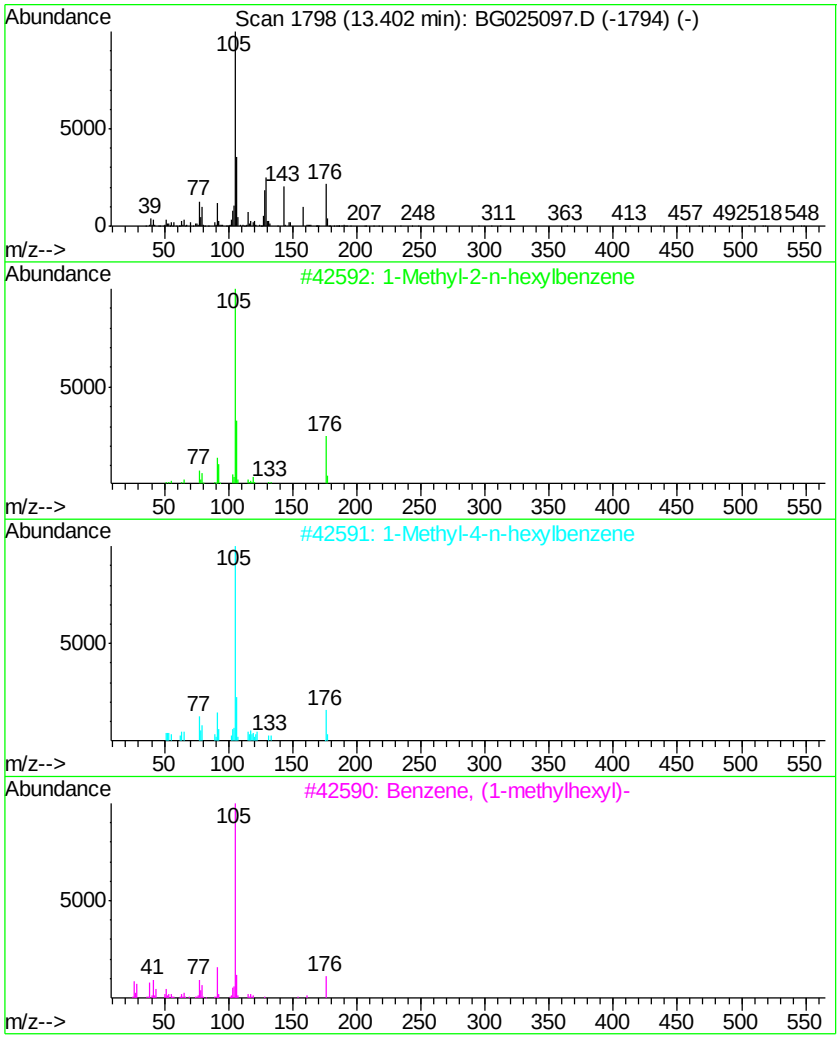
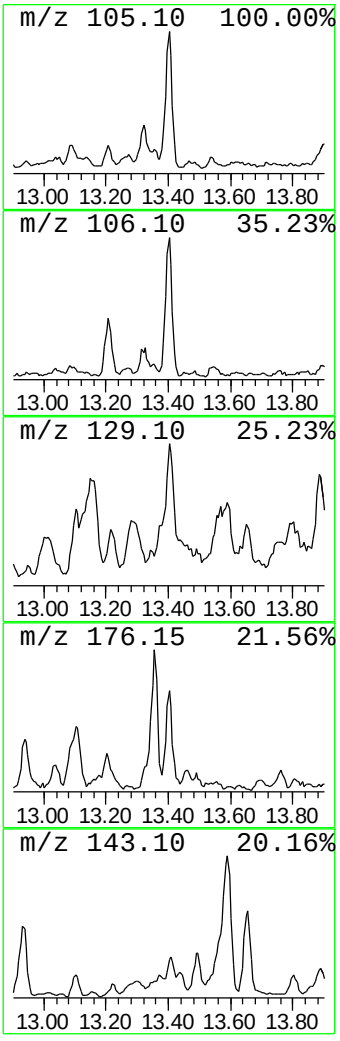
Peak Number 32 unknown-03 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	6.28 ng/ul	2413800	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	45
2	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	38
3	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	30
4	(4-Methylphenyl) methanol, n-pro...	164	C11H16O	1000374-65-4	22
5	(4-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-65-2	22





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Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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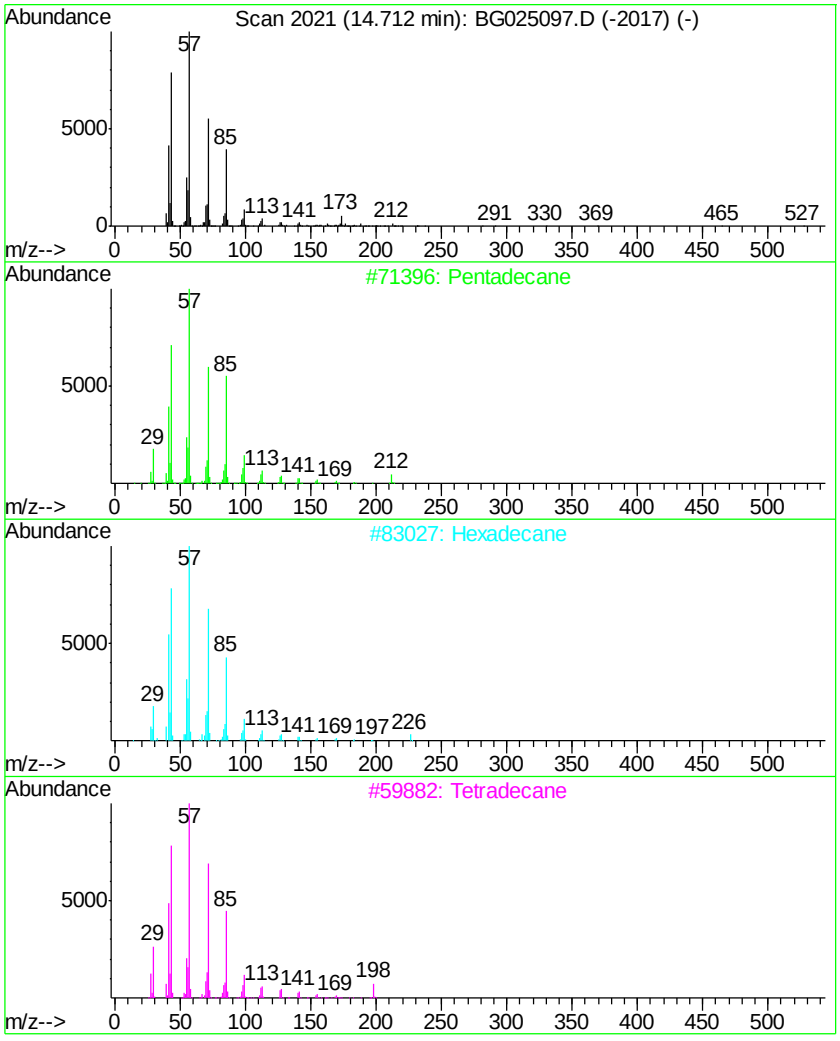
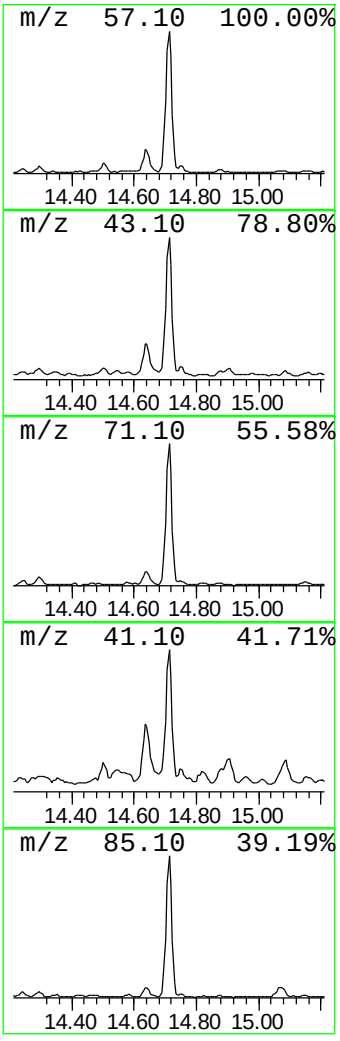
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	18.45 ng/ul	7089690	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	86





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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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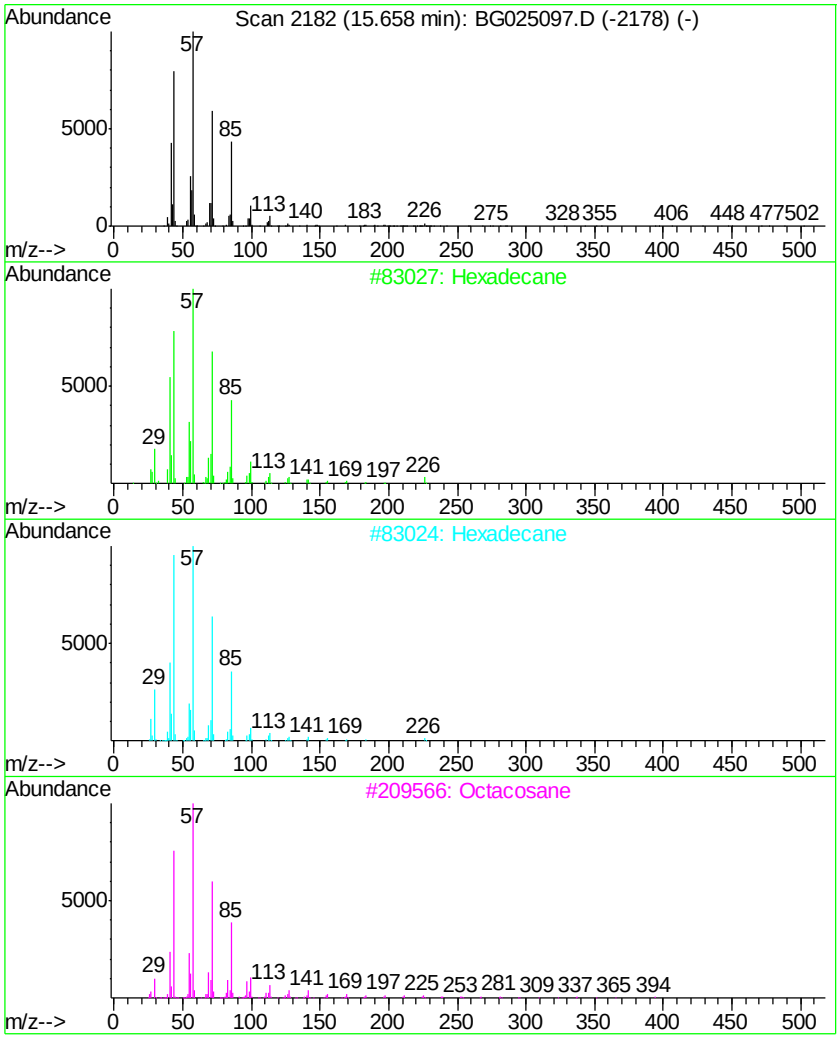
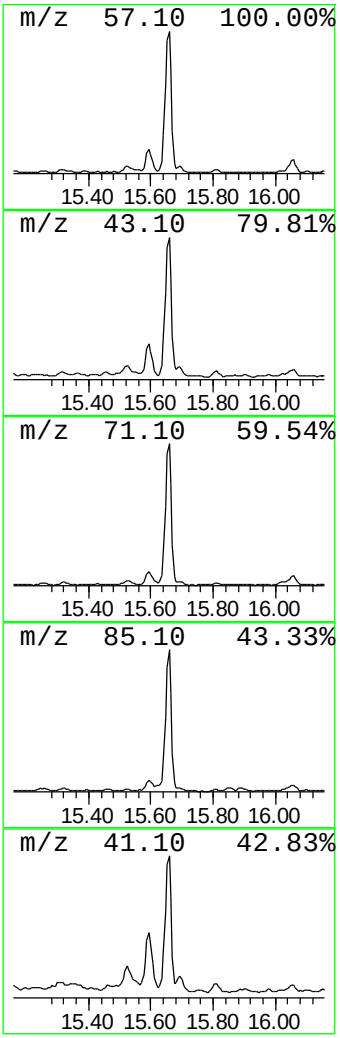
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	21.07 ng/ul	8098660	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tridecane	184	C13H28	000629-50-5	90





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Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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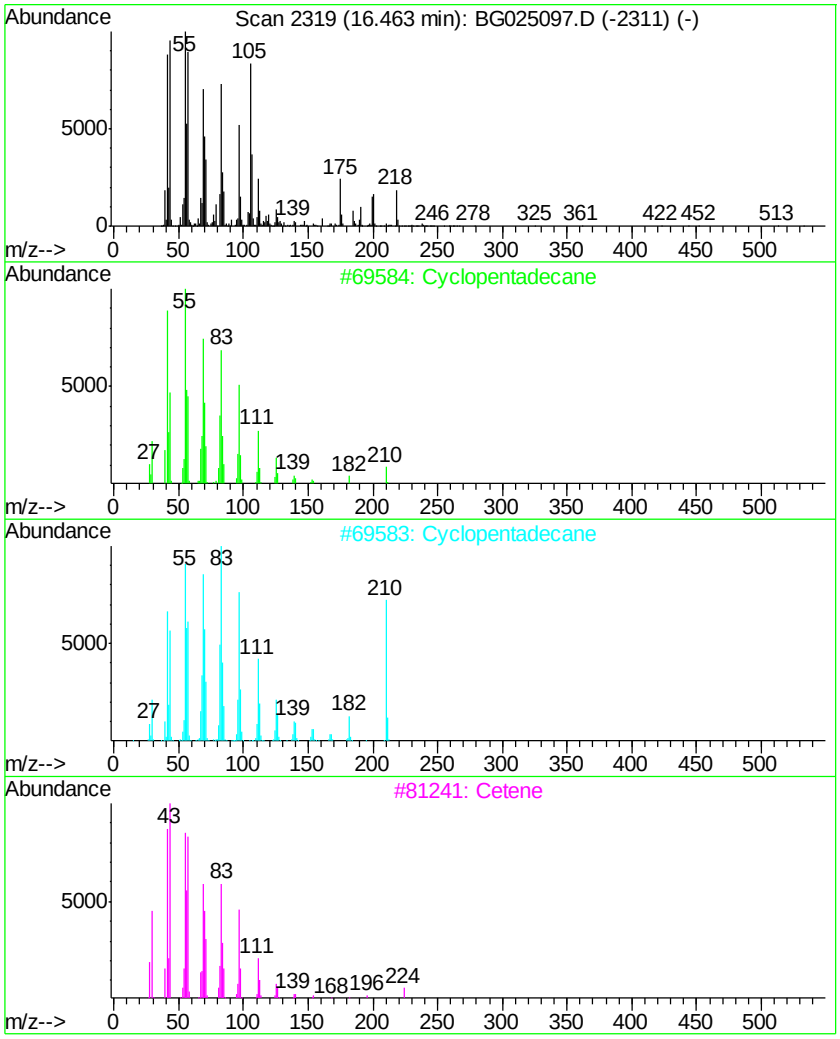
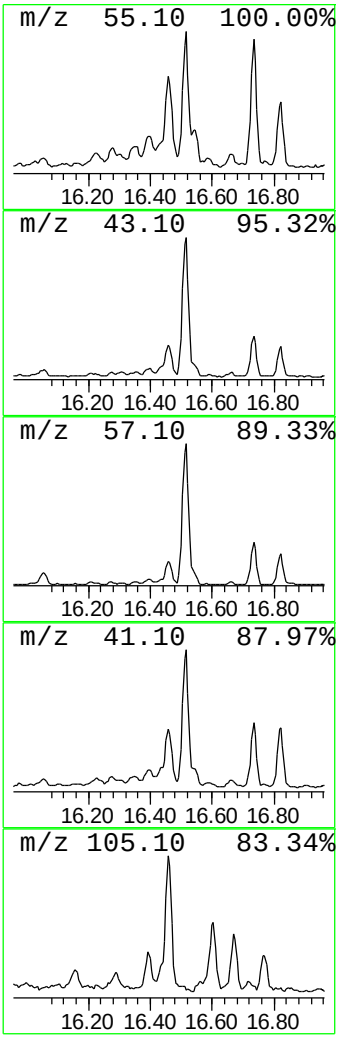
Peak Number 53 (DEL) Alkane: Cyclic16.46 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	62.34 ng/ul	6386570	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Cyclopentadecane	210	C15H30	000295-48-7	89
3	Cetene	224	C16H32	000629-73-2	76
4	Cetene	224	C16H32	000629-73-2	76
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
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Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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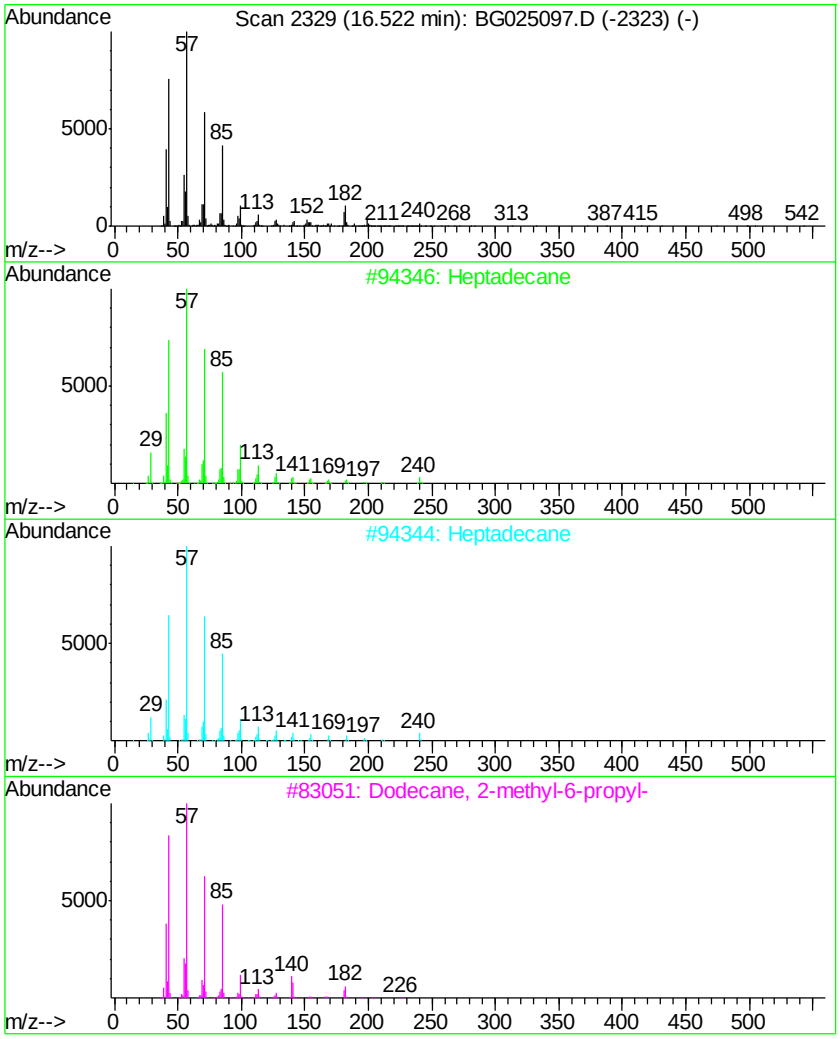
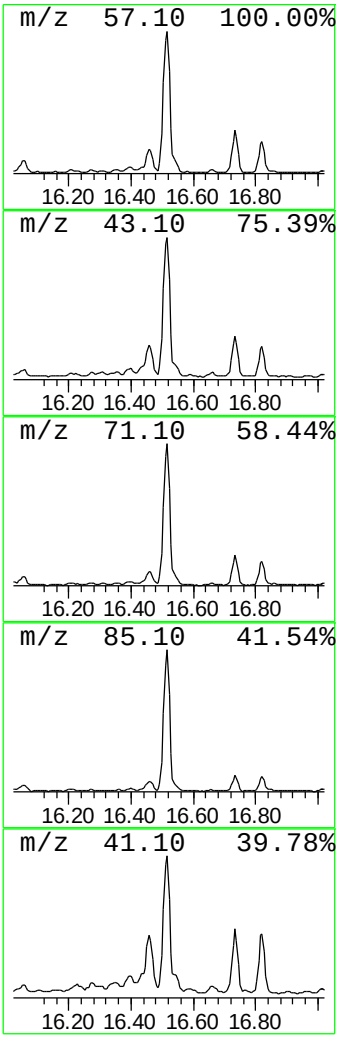
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	114.61 ng/ul	11741100	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87





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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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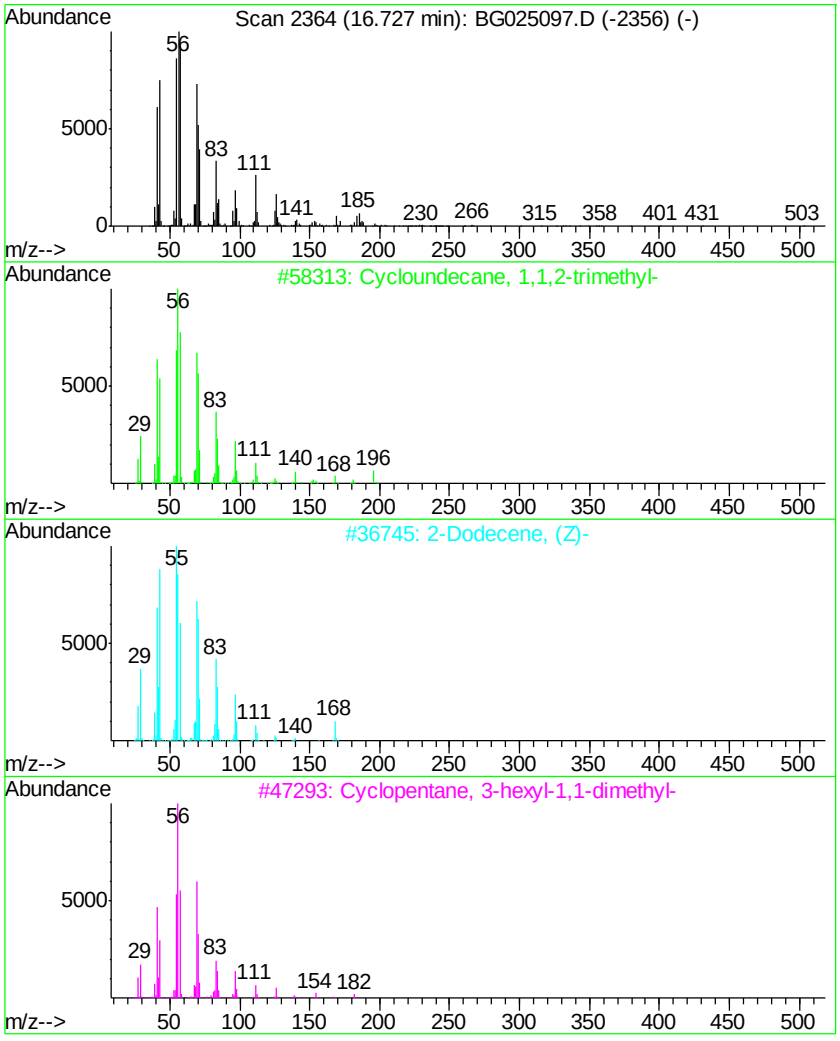
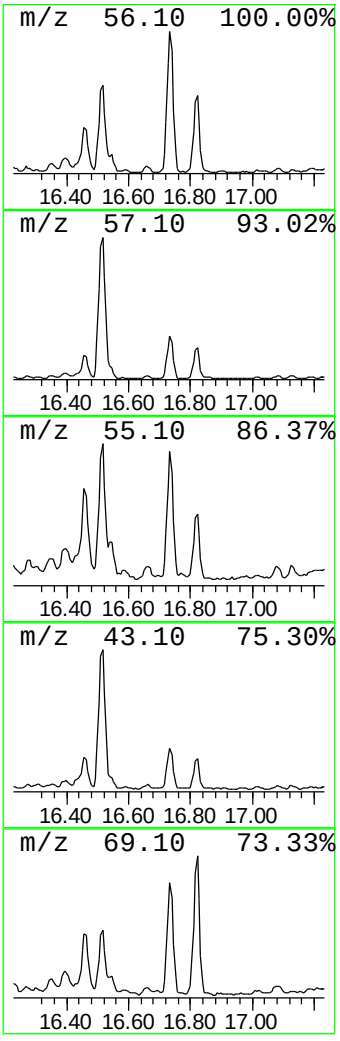
Peak Number 55 (DEL) Alkane: Cyclic16.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	57.13 ng/ul	5852570	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	64
2	2-Dodecene, (Z)-	168	C12H24	007206-26-0	64
3	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	58
4	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	58
5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	53





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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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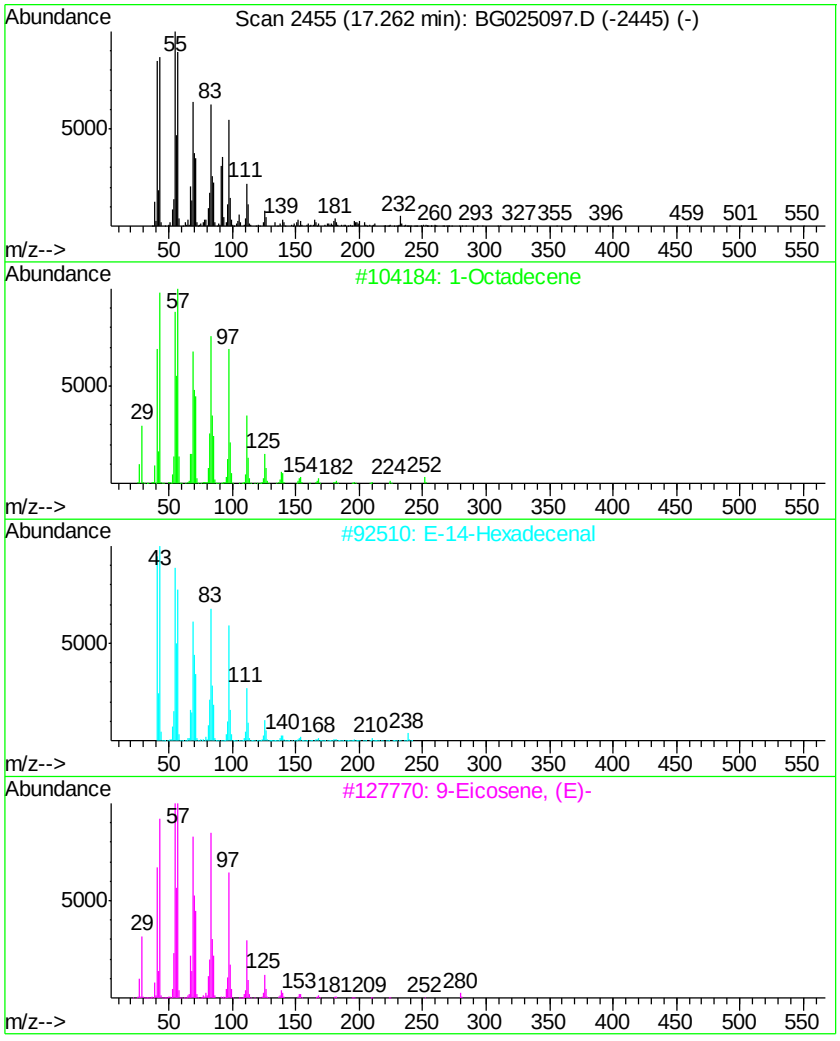
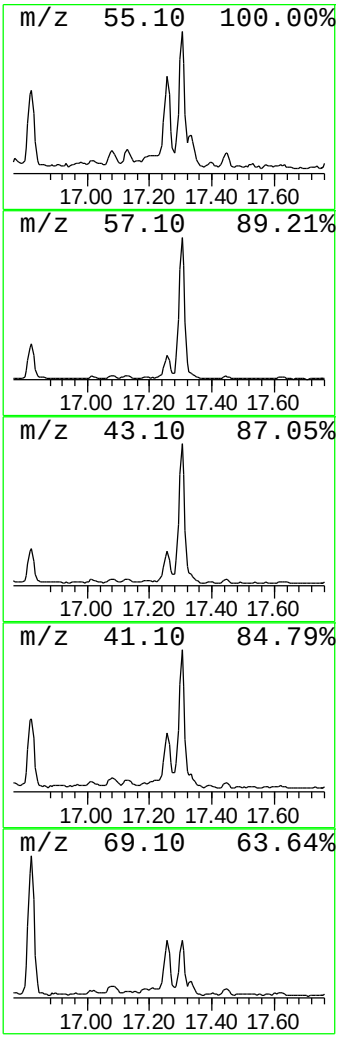
Peak Number 58 (DEL) Alkane: Cyclic17.26 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	38.84 ng/ul	3979010	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	99
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	98
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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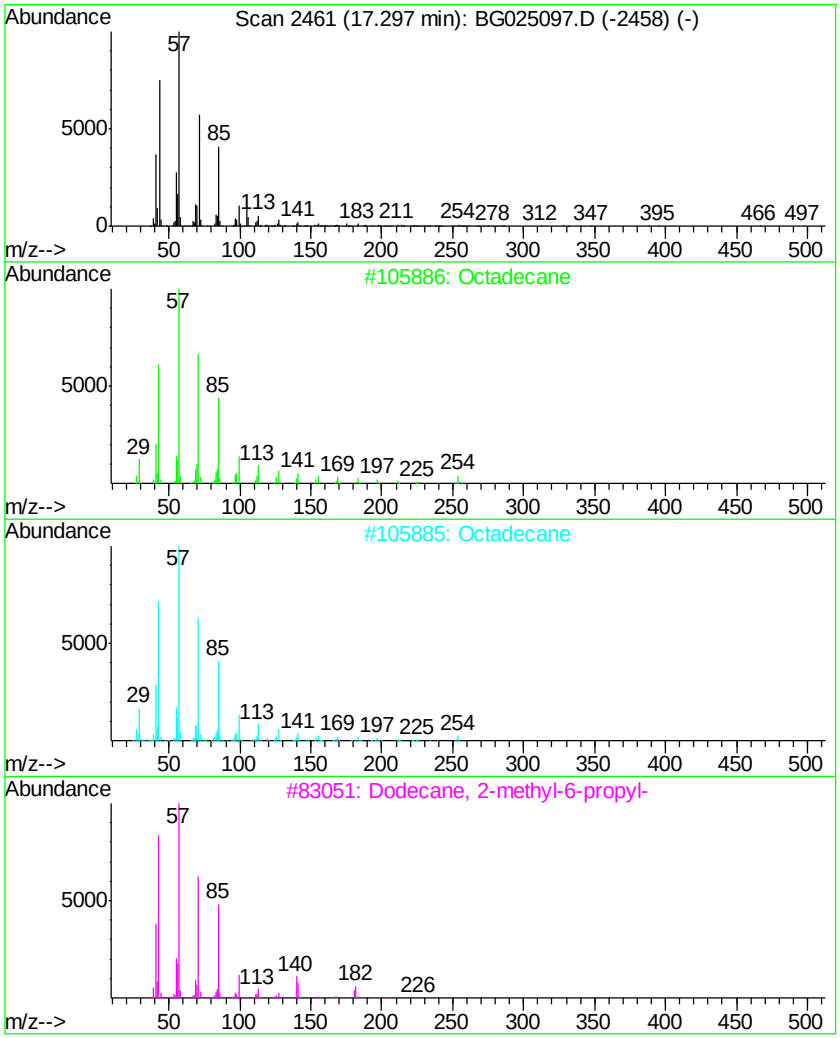
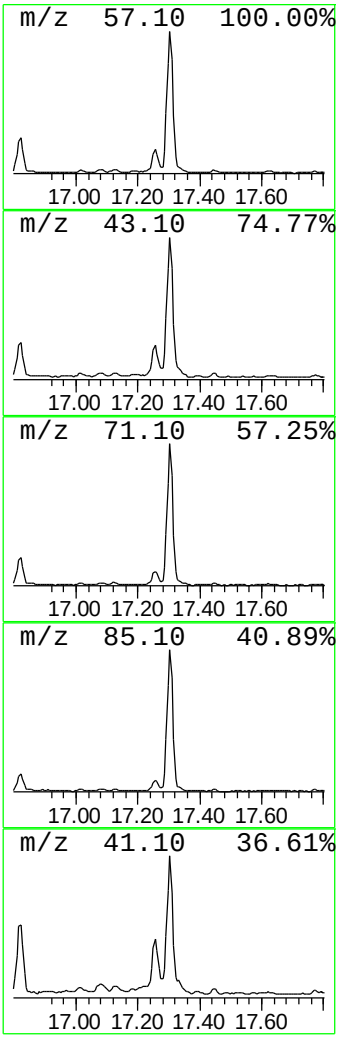
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	101.91 ng/ul	10439800	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Octadecane	254	C18H38	000593-45-3	95
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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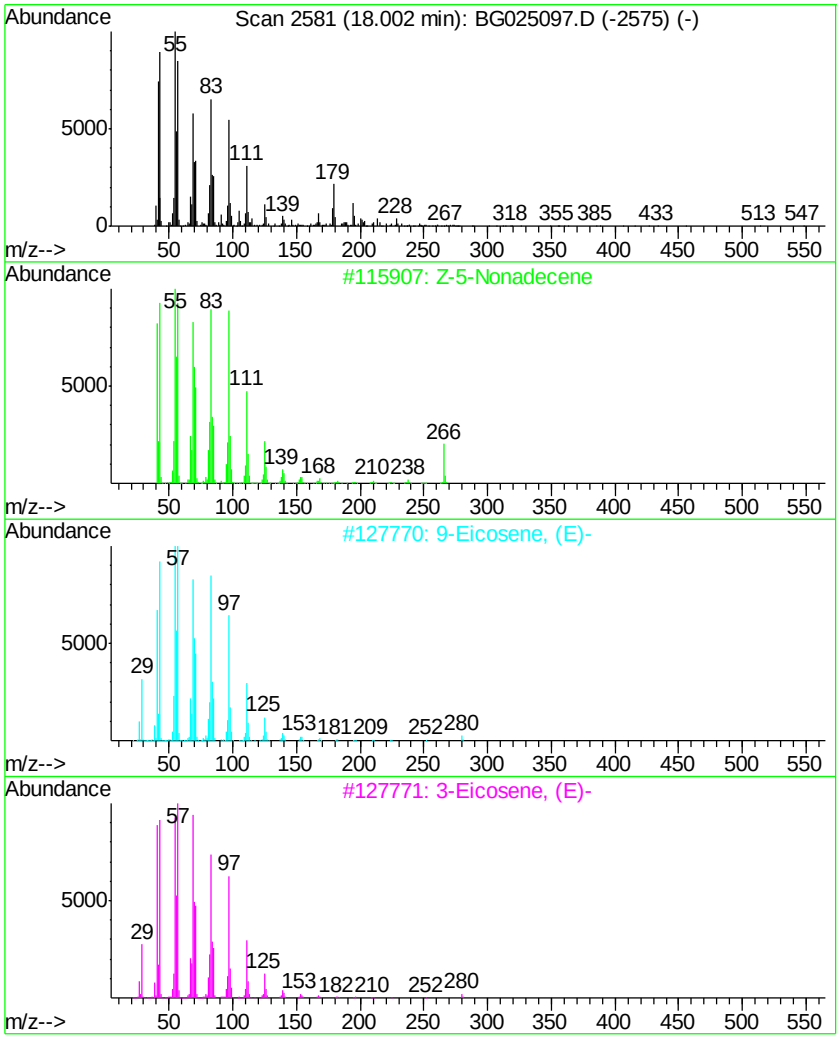
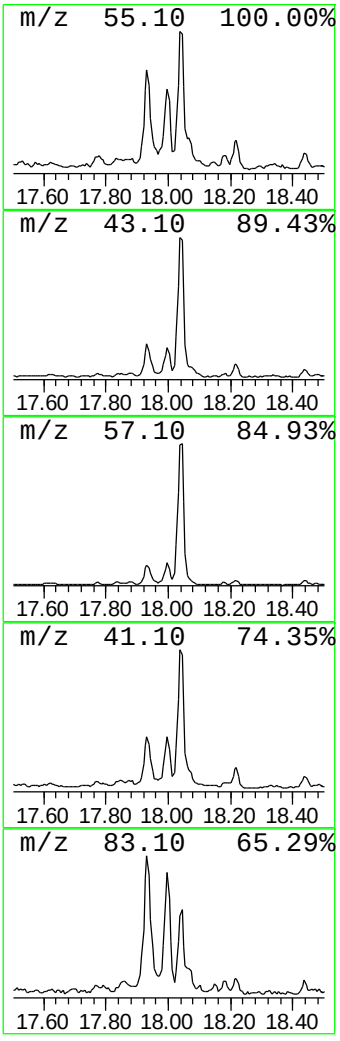
Peak Number 62 (DEL) Alkane: Cyclic18.00 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	25.37 ng/ul	2598730	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5	1-Tricosene	322	C23H46	018835-32-0	87





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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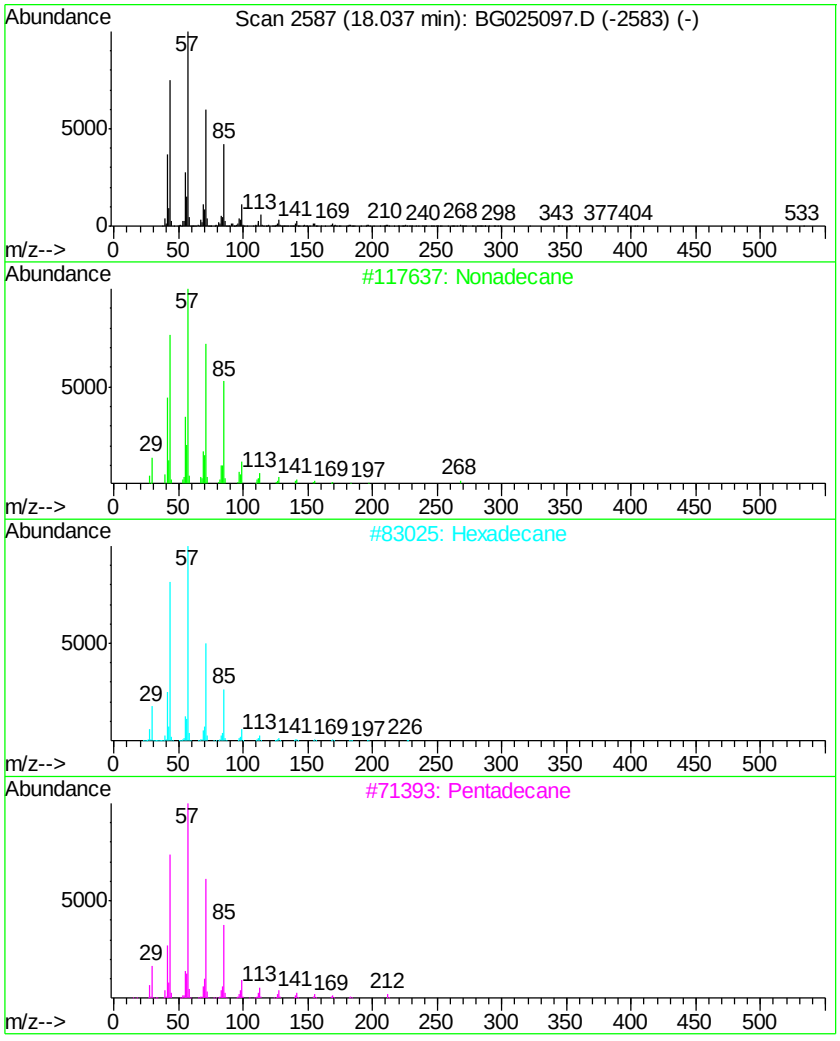
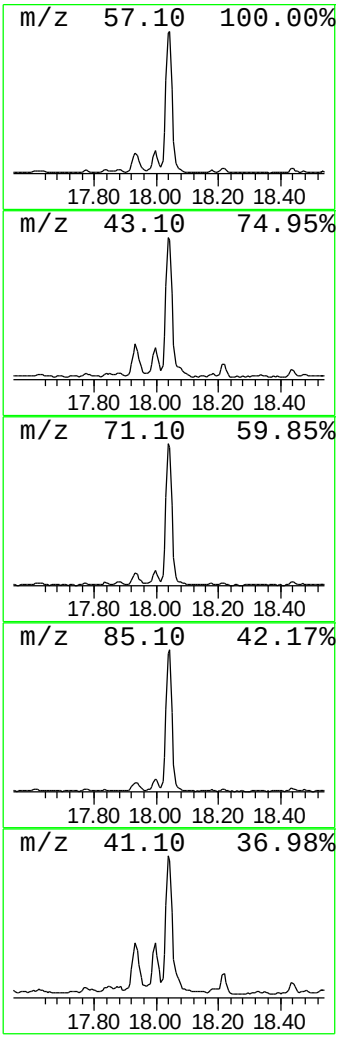
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	86.38 ng/ul	8849290	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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

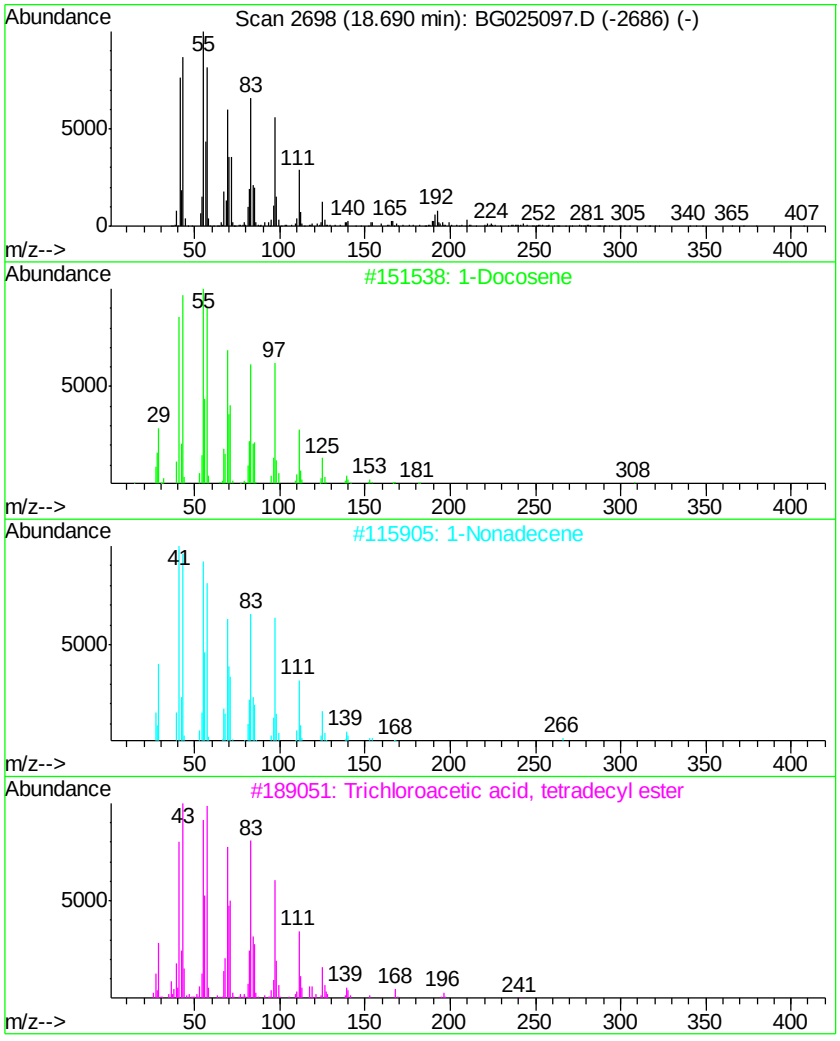
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

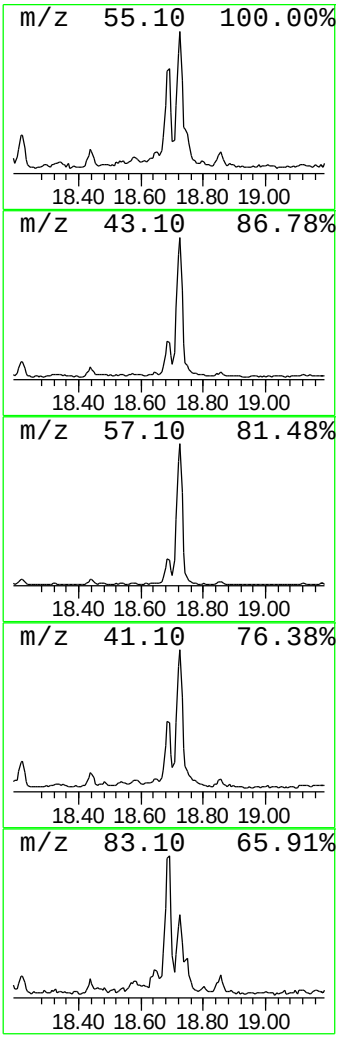
****

Peak Number 64 (DEL) Alkane: Cyclic18.69 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	31.50 ng/ul	3227490	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	1-Eicosene	280	C20H40	003452-07-1	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

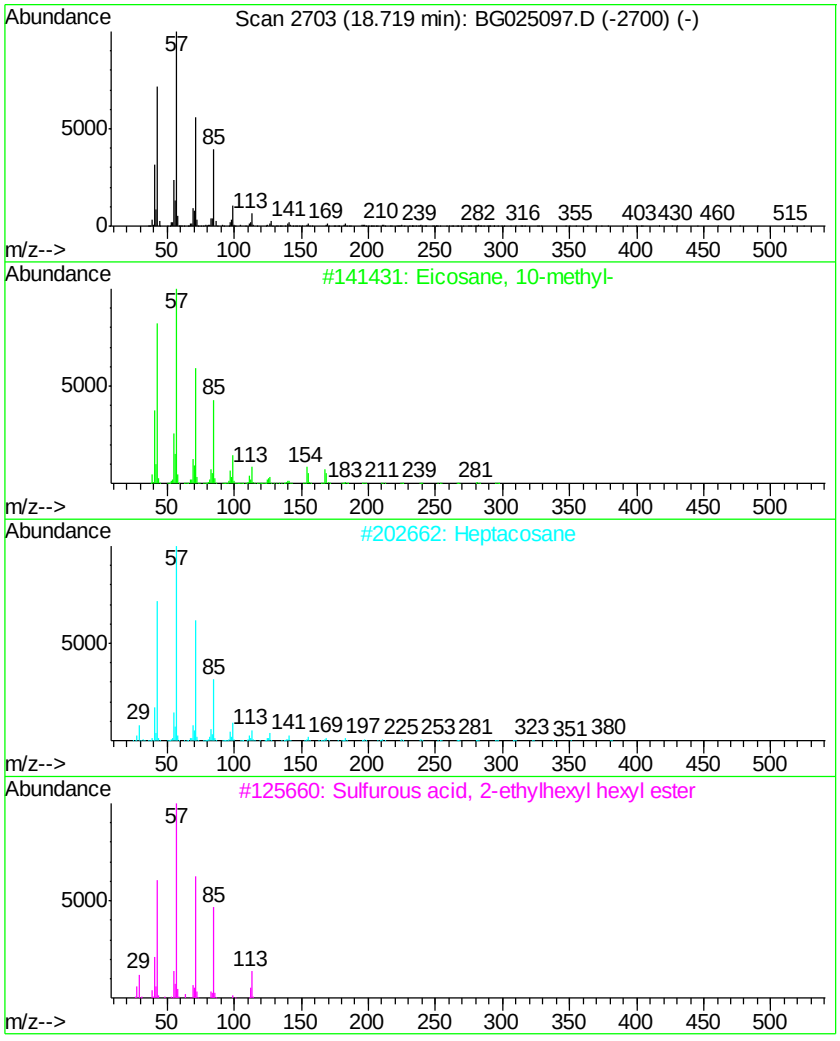
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

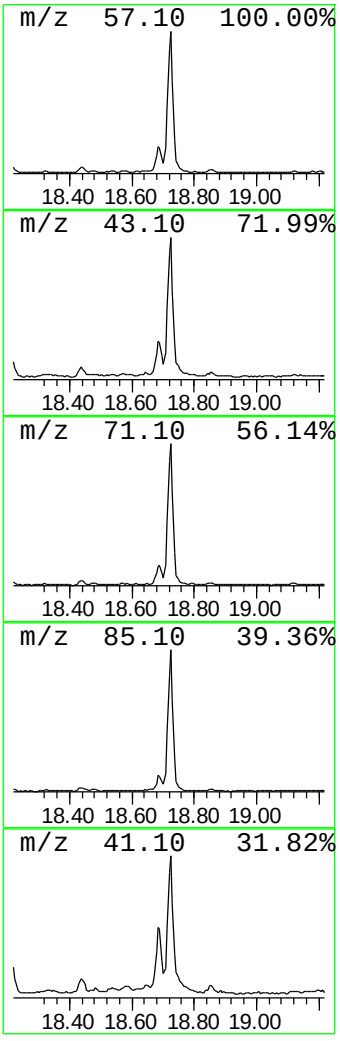
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	61.63 ng/ul	6313260	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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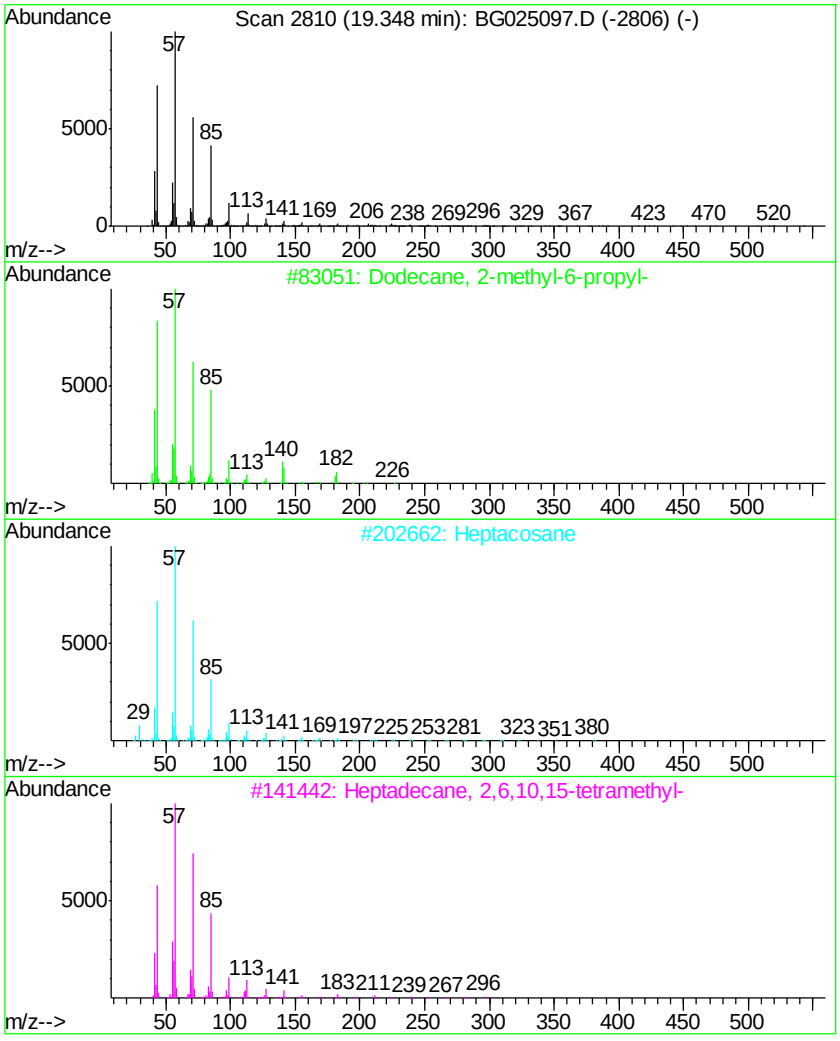
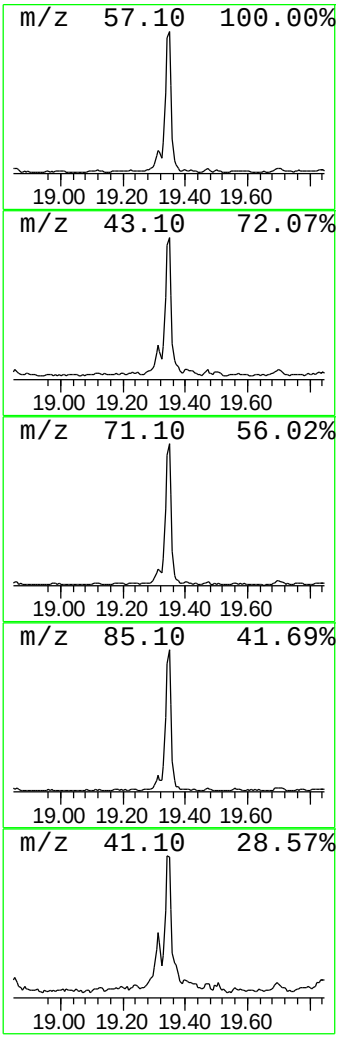
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	40.00 ng/ul	4098000	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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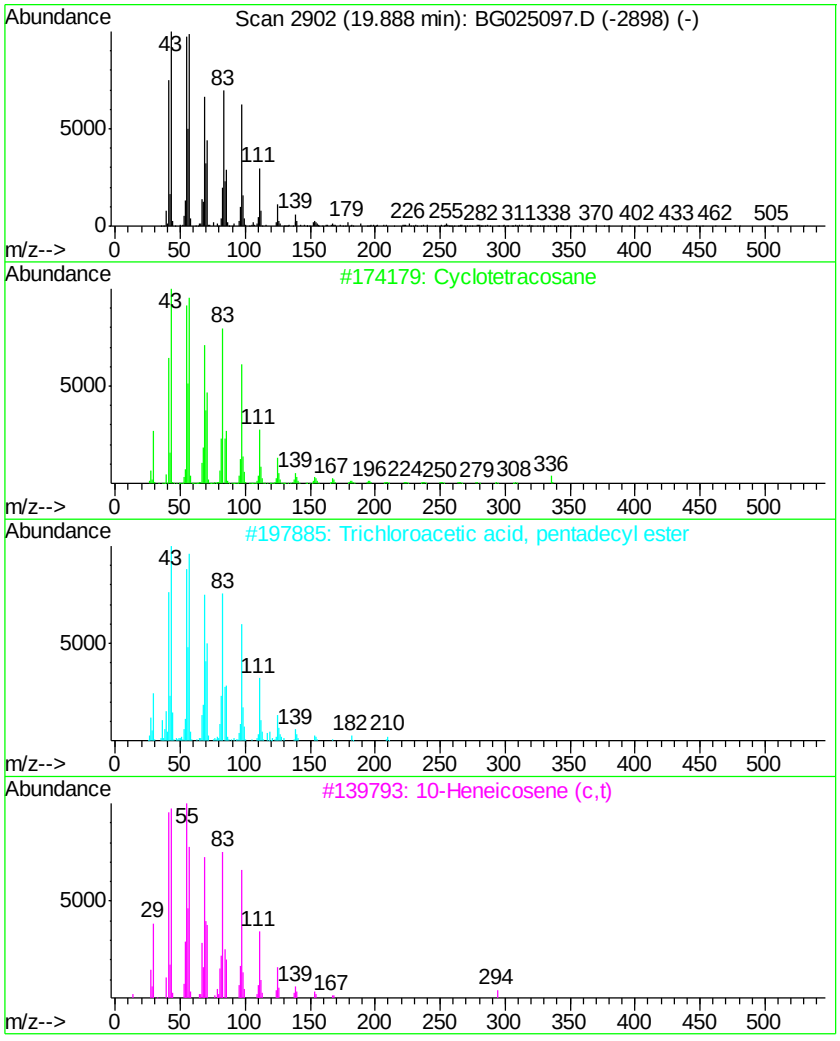
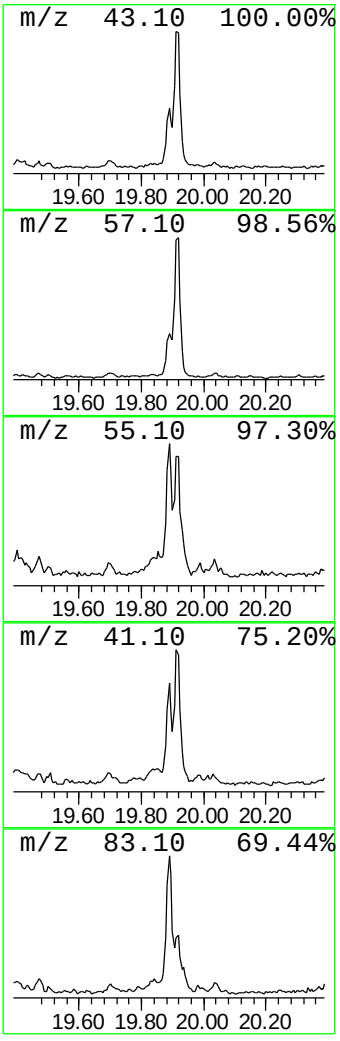
Peak Number 67 (DEL) Alkane: Cyclic19.89 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	15.11 ng/ul	1630610	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
4	1-Octadecene	252	C18H36	000112-88-9	91
5	1-Docosene	308	C22H44	001599-67-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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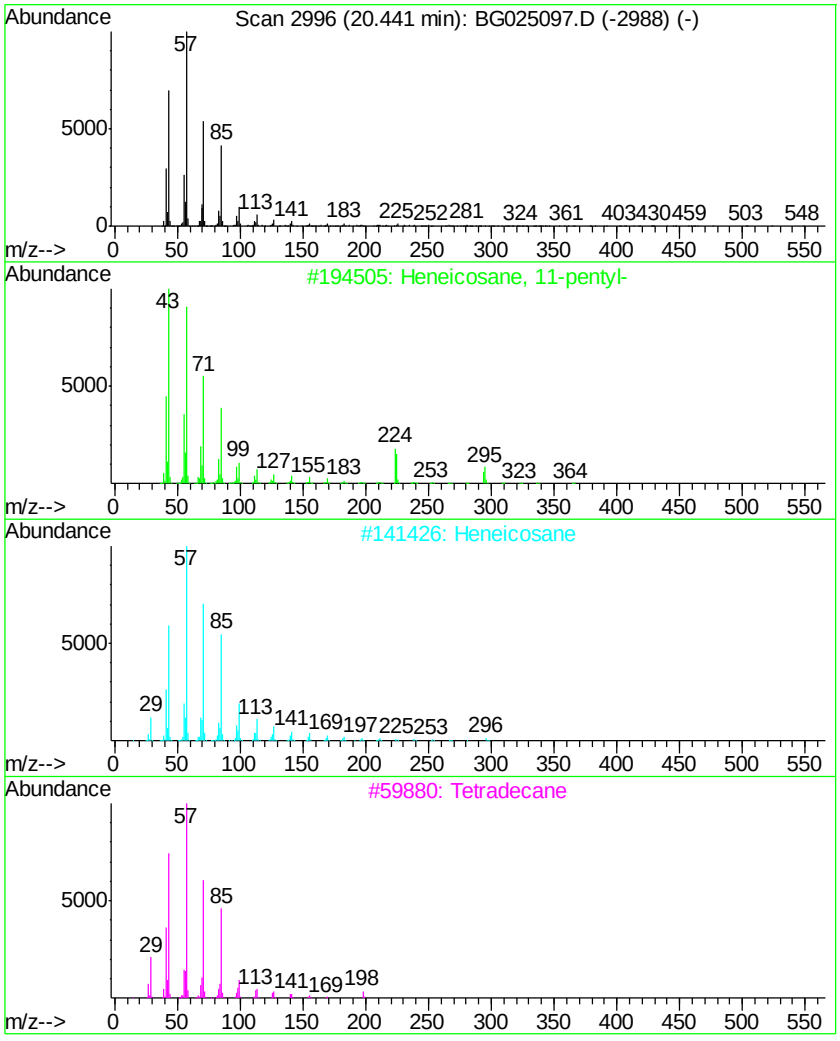
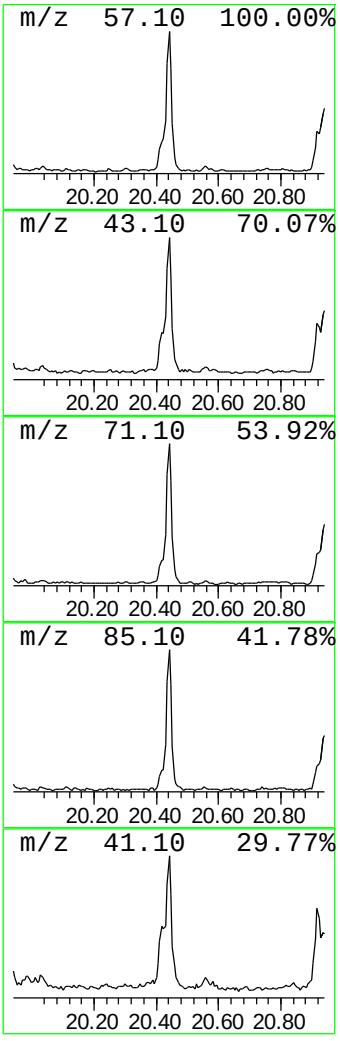
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	32.83 ng/ul	3543230	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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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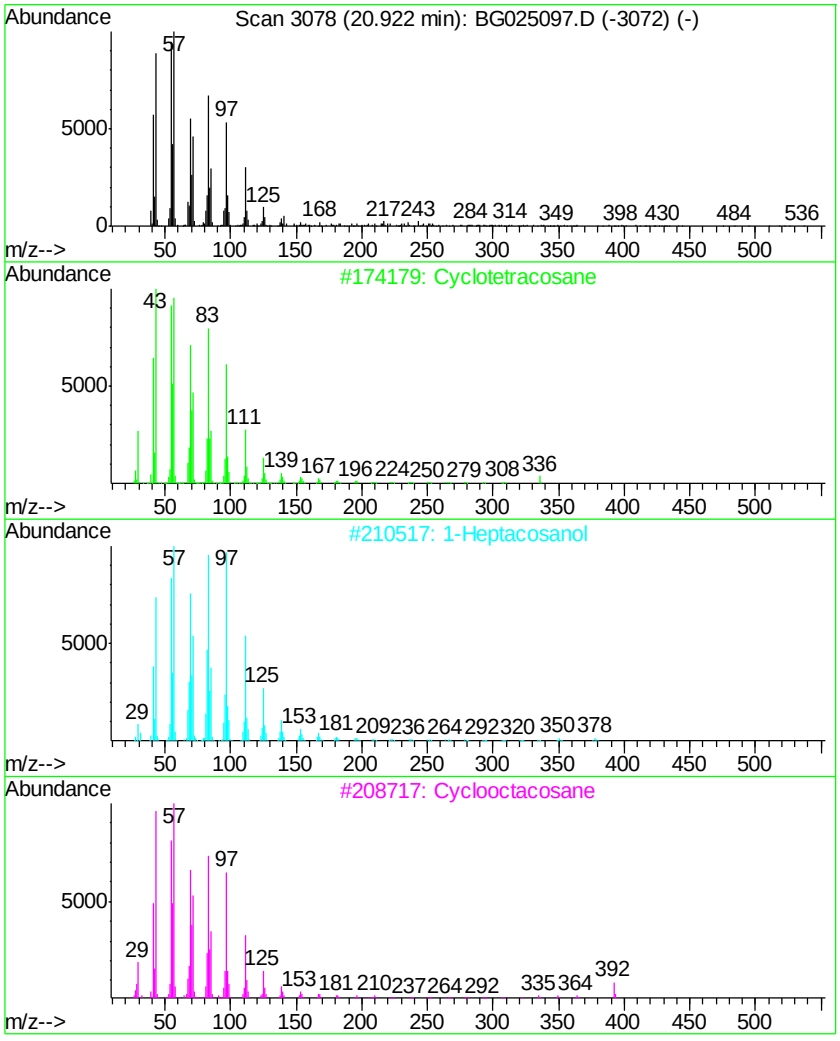
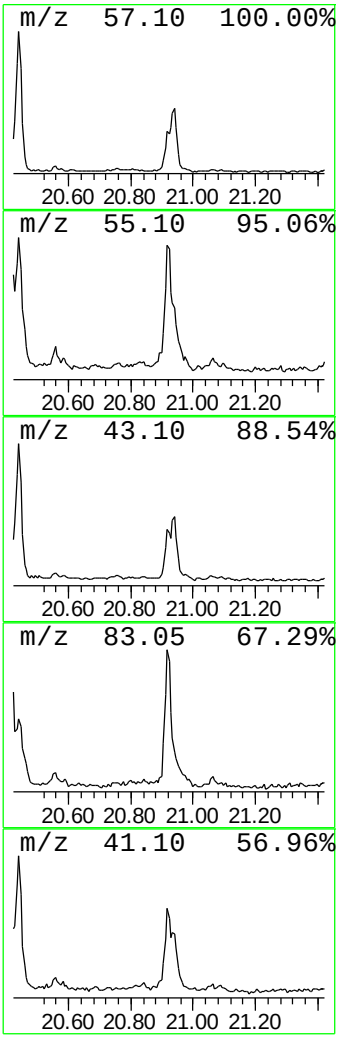
Peak Number 70 (DEL) Alkane: Cyclic20.92 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	25.71 ng/ul	2775390	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025097.D
Acq On : 11 Dec 2016 10:18
Operator : UM/SJ
Sample : H5905-19
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA818

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	20.0	ng/ul	2135300	1	8.24	2135300	20.0
Benzene, 1,4-diet...	8.87	17.6	ng/ul	1882140	1	8.24	2135300	20.0
Benzofuran, 7-met...	9.72	7.4	ng/ul	2038550	2	11.07	5514580	20.0
Benzofuran, 2-met...	9.79	14.4	ng/ul	3970290	2	11.07	5514580	20.0
Phenol, 3-ethyl-	10.49	34.6	ng/ul	9528290	2	11.07	5514580	20.0
1,3,5-Cycloheptat...	10.53	15.2	ng/ul	4183730	2	11.07	5514580	20.0
unknown-01	10.89	6.1	ng/ul	1679500	2	11.07	5514580	20.0
(DEL) Alkane: Str...	10.99	5.8	ng/ul	1608540	2	11.07	5514580	20.0
1-Naphthalenol, 5...	11.30	36.8	ng/ul	10155300	2	11.07	5514580	20.0
1H-Benzimidazole,...	11.43	29.7	ng/ul	8193970	2	11.07	5514580	20.0
Cinnoline, 1,2-di...	11.47	53.3	ng/ul	14696400	2	11.07	5514580	20.0
3-Buten-2-one, 4-...	11.54	14.6	ng/ul	4020730	2	11.07	5514580	20.0
Phenol, 4-ethyl-3...	11.59	5.4	ng/ul	1486140	2	11.07	5514580	20.0
2-Propenal, 3-(4-...	11.65	6.5	ng/ul	1794070	2	11.07	5514580	20.0
Phenol, 3-propyl-	11.88	22.5	ng/ul	6211880	2	11.07	5514580	20.0
Furan, 2,2'-methy...	12.07	17.5	ng/ul	4837600	2	11.07	5514580	20.0
1H-Indene, 1,3-di...	12.14	7.9	ng/ul	2170040	2	11.07	5514580	20.0
(1-Methylbuta-1,3...	12.27	17.4	ng/ul	4795110	2	11.07	5514580	20.0
Ethanone, 1-[4-(1...	12.37	6.6	ng/ul	1820710	2	11.07	5514580	20.0
1H-Indene, 2,3-di...	12.43	14.4	ng/ul	3964970	2	11.07	5514580	20.0
Ethanone, 1-(2,3-...	12.52	7.3	ng/ul	2015480	2	11.07	5514580	20.0
3-Penten-2-one, 4...	12.87	41.3	ng/ul	11400000	2	11.07	5514580	20.0
Naphthalene, 1-me...	12.94	41.1	ng/ul	11337400	2	11.07	5514580	20.0
2,5,6-Trimethylbe...	13.01	20.3	ng/ul	7811790	3	14.86	7687010	20.0
Benzene, 1-(2-but...	13.10	17.4	ng/ul	6698910	3	14.86	7687010	20.0
unknown-02	13.22	5.5	ng/ul	2114630	3	14.86	7687010	20.0
Benzene, heptyl-	13.35	4.5	ng/ul	1715180	3	14.86	7687010	20.0
unknown-03	13.40	6.3	ng/ul	2413800	3	14.86	7687010	20.0
(DEL) Alkane: Str...	14.71	18.4	ng/ul	7089690	3	14.86	7687010	20.0
(DEL) Alkane: Str...	15.66	21.1	ng/ul	8098660	3	14.86	7687010	20.0
(DEL) Alkane: Cyc...	16.46	62.3	ng/ul	6386570	4	17.61	2048920	20.0
(DEL) Alkane: Str...	16.52	114.6	ng/ul	11741100	4	17.61	2048920	20.0
(DEL) Alkane: Cyc...	16.73	57.1	ng/ul	5852570	4	17.61	2048920	20.0
(DEL) Alkane: Cyc...	17.26	38.8	ng/ul	3979010	4	17.61	2048920	20.0
(DEL) Alkane: Str...	17.30	101.9	ng/ul	10439800	4	17.61	2048920	20.0
(DEL) Alkane: Cyc...	18.00	25.4	ng/ul	2598730	4	17.61	2048920	20.0
(DEL) Alkane: Str...	18.04	86.4	ng/ul	8849290	4	17.61	2048920	20.0
(DEL) Alkane: Cyc...	18.69	31.5	ng/ul	3227490	4	17.61	2048920	20.0
(DEL) Alkane: Str...	18.72	61.6	ng/ul	6313260	4	17.61	2048920	20.0
(DEL) Alkane: Str...	19.35	40.0	ng/ul	4098000	4	17.61	2048920	20.0
(DEL) Alkane: Cyc...	19.89	15.1	ng/ul	1630610	5	21.89	2158840	20.0
(DEL) Alkane: Str...	20.44	32.8	ng/ul	3543230	5	21.89	2158840	20.0
(DEL) Alkane: Cyc...	20.92	25.7	ng/ul	2775390	5	21.89	2158840	20.0