LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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	7.867	851	856	865	rVB	975894	1706161	13.34%	0.454%
2	8.866	1016	1026	1032	rVV3	830073	1714697	13.40%	0.457%
3	9.336	1094	1106	1114	rVV3	468872	1268891	9.92%	0.338%
4	9.424	1114	1121	1129	rVB3	1325017	2457676	19.21%	0.654%
5	9.712	1164	1170	1177	rVV2	651000	1555208	12.16%	0.414%
6	9.789	1177	1183	1191	rVB	1505920	2742217	21.43%	0.730%
7	10.464	1288	1298	1308	rVV4	1207332	4036676	31.55%	1.075%
8	10.688	1330	1336	1341	rBV3	964785	1688361	13.20%	0.450%
9	10.893	1360	1371	1379	rBV8	374748	1215751	9.50%	0.324%
10	10.987	1379	1387	1392	rBV	1243266	2486995	19.44%	0.662%
11	11.117	1404	1409	1415	rVB	1769290	3170692	24.78%	0.844%
12	11.240	1420	1430	1435	rBV6	539472	1958815	15.31%	0.522%
13	11.299	1435	1440	1455	rVB2	2120433	7565135	59.13%	2.014%
14	11.428	1455	1462	1465	rBV	2658238	5074946	39.67%	1.351%
15	11.475	1465	1470	1476	rVV2	5489865	10555837	82.51%	2.811%
16	11.540	1476	1481	1493	rVB	2083591	3515965	27.48%	0.936%
17	11.822	1522	1529	1534	rBV	678692	1284889	10.04%	0.342%
18	11.957	1545	1552	1556	rBV4	641879	1251235	9.78%	0.333%
19	12.068	1565	1571	1574	rBV3	1182139	2176700	17.01%	0.580%
20	12.151	1579	1585	1589	rBV	798214	1454856	11.37%	0.387%
21	12.198	1589	1593	1596	rVV2	871320	1362568	10.65%	0.363%
22	12.268	1596	1605	1610	rVB2	1777328	4216806	32.96%	1.123%
23	12.368	1617	1622	1627	rVB	787174	1303750	10.19%	0.347%
24	12.421	1627	1631	1638	rBV4	2208688	3662785	28.63%	0.975%
25	12.521	1643	1648	1654	rBV3	630166	1414098	11.05%	0.377%
26	12.591	1654	1660	1662	rBV	1467534	2565221	20.05%	0.683%
27	12.715	1674	1681	1685	rVV	6889890	12794086	100.00%	3.407%
28	12.750	1685	1687	1691	rVV	3760246	5794691	45.29%	1.543%
29	12.791	1691	1694	1698	rVV	2250291	4566508	35.69%	1.216%
30	12.873	1698	1708	1713	rVV3	3248421	10911035	85.28%	2.905%
31	12.932	1713	1718	1724	rVB	4565409	8182953	63.96%	2.179%
32	13.014	1724	1732	1742	rBV2	2848274	6917236	54.07%	1.842%
33	13.102	1742	1747	1760	rVB7	1897067	4924737	38.49%	1.311%
34	13.214	1761	1766	1770	rVB5	899751	1409933	11.02%	0.375%

LSC Area Percent Report

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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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	13.279	1771	1777	1780	rBV3	1587344	2764365	21.61%	0.736%
36	13.355	1786	1790	1793	rBV	1130682	1765369	13.80%	0.470%
37	13.402	1794	1798	1802	rVB3	1290190	2086068	16.30%	0.555%
38	13.461	1803	1808	1811	rBV2	763120	1229023	9.61%	0.327%
39	13.561	1817	1825	1827	rBV2	1613273	3510984	27.44%	0.935%
40	13.590	1827	1830	1834	rVV	2056855	3135425	24.51%	0.835%
41	13.649	1834	1840	1845	rVV5	3464019	6209860	48.54%	1.653%
42	13.696	1845	1848	1852	rVB	1377908	1884249	14.73%	0.502%
43	13.813	1861	1868	1871	rBV4	1466333	3389541	26.49%	0.902%
44	13.896	1878	1882	1891	rVB4	2076377	4930825	38.54%	1.313%
45	14.048	1898	1908	1920	rVB3	3308782	10331952	80.76%	2.751%
46	14.189	1920	1932	1937	rBV3	4186136	10396142	81.26%	2.768%
47	14.242	1937	1941	1947	rVB2	4347202	6964898	54.44%	1.854%
48	14.295	1948	1950	1955	rVB3	899663	1383377	10.81%	0.368%
49	14.424	1963	1972	1976	rBV3	1704634	3394344	26.53%	0.904%
50	14.501	1982	1985	1989	rVB2	1801236	2215387	17.32%	0.590%
51	14.542	1989	1992	1994	rBV	1542944	2071511	16.19%	0.552%
52	14.583	1995	1999	2003	rVB4	1527785	2829646	22.12%	0.753%
53	14.636	2004	2008	2013	rVB4	1626297	2385901	18.65%	0.635%
54	14.712	2017	2021	2026	rVB	4574450	5982924	46.76%	1.593%
55	14.753	2026	2028	2035	rVB5	760391	1393518	10.89%	0.371%
56	14.824	2035	2040	2045	rBV2	4439993	7208471	56.34%	1.919%
57	14.906	2045	2054	2057	rBV3	2397444	4653530	36.37%	1.239%
58	15.088	2075	2085	2091	rBV6	2565978	5366943	41.95%	1.429%
59	15.153	2091	2096	2101	rVB3	1744092	3010543	23.53%	0.802%
60	15.253	2106	2113	2120	rBV6	1660669	4005835	31.31%	1.067%
61	15.329	2120	2126	2129	rVV2	1133307	2047695	16.01%	0.545%
62	15.365	2129	2132	2137	rVB3	1235555	1798830	14.06%	0.479%
63	15.470	2143	2150	2155	rBV4	1513811	3442677	26.91%	0.917%
64	15.523	2155	2159	2167	rVV5	3136329	6598179	51.57%	1.757%
65	15.594	2167	2171	2173	rVV2	2600519	3835284	29.98%	1.021%
66	15.623	2173	2176	2178	rVV	3867019	5553365	43.41%	1.479%
67	15.658	2178	2182	2193	rVB	6486098	11883032	92.88%	3.164%
68	15.811	2203	2208	2211	rBV5	862235	1242047	9.71%	0.331%
69	15.852	2211	2215	2218	rVV	797353	1295365	10.12%	0.345%
70	15.893	2218	2222	2233	rVB3	2940352	6415970	50.15%	1.708%
71	16.058	2243	2250	2254	rVV7	863387	1747946	13.66%	0.465%

LSC Area Percent Report

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

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

72	16.281	2283	2288	2294	rBV7	460561	1259674	9.85%	0.335%
73	16.457	2311	2318	2323	rVB3	2960088	5656240	44.21%	1.506%
74	16.516	2323	2328	2331	rBV	7045589	9899116	77.37%	2.636%
75	16.551	2332	2334	2341	rVB3	1527698	2126232	16.62%	0.566%
76	16.733	2356	2365	2374	rVB3	3559125	5824529	45.53%	1.551%
77	16.816	2374	2379	2387	rVB2	3165157	4596412	35.93%	1.224%
78	16.886	2387	2391	2398	rBV4	724423	1668975	13.04%	0.444%
79	16.957	2398	2403	2409	rBV5	610448	1239093	9.68%	0.330%
80	17.127	2428	2432	2442	rVB5	666745	1329427	10.39%	0.354%
81	17.256	2446	2454	2457	rBV2	1907185	3196566	24.98%	0.851%
82	17.303	2457	2462	2471	rVB2	6082059	9587217	74.93%	2.553%
83	17.444	2480	2486	2492	rVB	917987	1481508	11.58%	0.394%
84	17.609	2509	2514	2518	rVB	890789	1275366	9.97%	0.340%
85	17.703	2525	2530	2538	rVB	802587	1544052	12.07%	0.411%
86	17.773	2538	2542	2549	rBV3	866603	1787314	13.97%	0.476%
87	17.997	2575	2580	2583	rBV	1454977	1909941	14.93%	0.509%
88	18.038	2583	2587	2600	rVB	5042433	7972991	62.32%	2.123%
89	18.684	2687	2697	2700	rBV2	1702562	2783642	21.76%	0.741%
90	18.725	2700	2704	2721	rVB	3941127	5987244	46.80%	1.594%
91	19.313	2797	2804	2806	rBV	1031030	1363303	10.66%	0.363%
92	19.348	2806	2810	2820	rVB	2999993	4259648	33.29%	1.134%
93	19.889	2887	2902	2904	rBV	1483220	2455908	19.20%	0.654%
94	19.912	2904	2906	2912	rVV	2461945	2944444	23.01%	0.784%
95	19.977	2912	2917	2930	rVB	1204012	2268371	17.73%	0.604%
96	20.441	2988	2996	3003	rVB2	1987683	3350972	26.19%	0.892%
97	20.923	3072	3078	3092	rVB2	1102697	2920076	22.82%	0.777%
98	21.898	3237	3244	3252	rVB	1110894	2028097	15.85%	0.540%
99	25.083	3776	3786	3801	rVB3	485613	1582031	12.37%	0.421%
100	25.323	3817	3827	3841	rVB2	649049	2009738	15.71%	0.535%

Sum of corrected areas: 375577258

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
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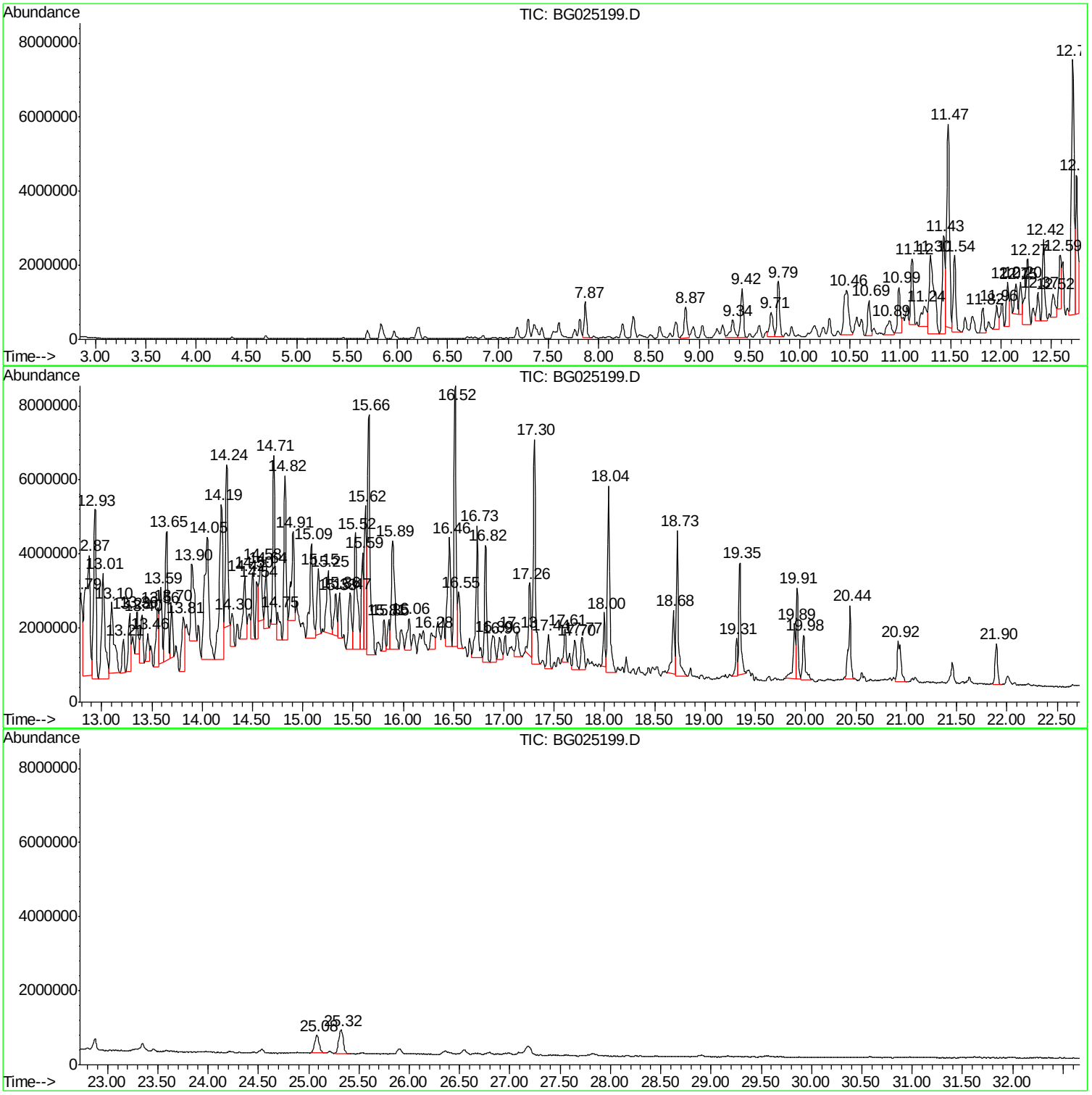
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
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Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

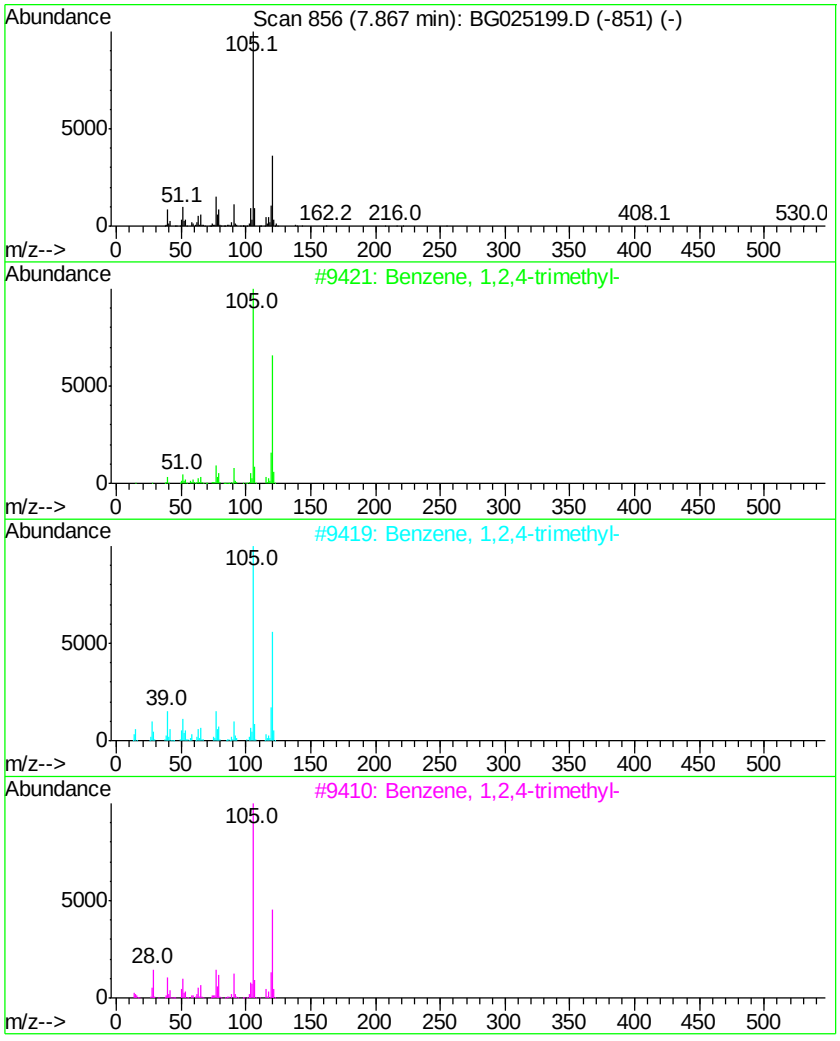
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

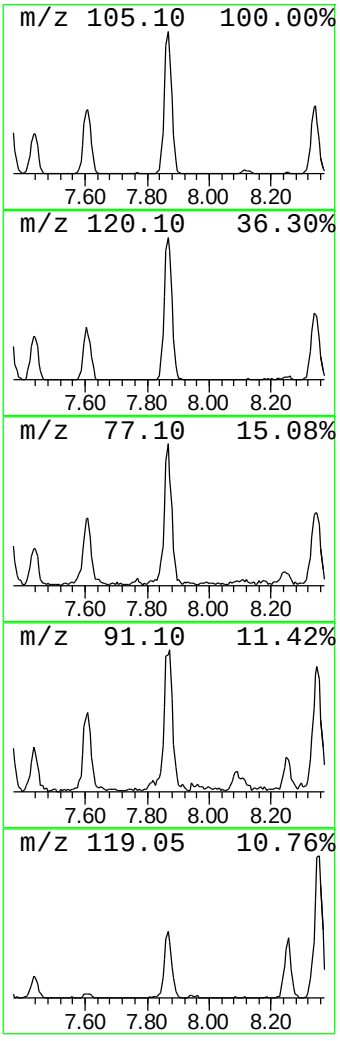
****

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.00 ng/ul	1706160	1,4-Dichlorobenzene-d4	8.24

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

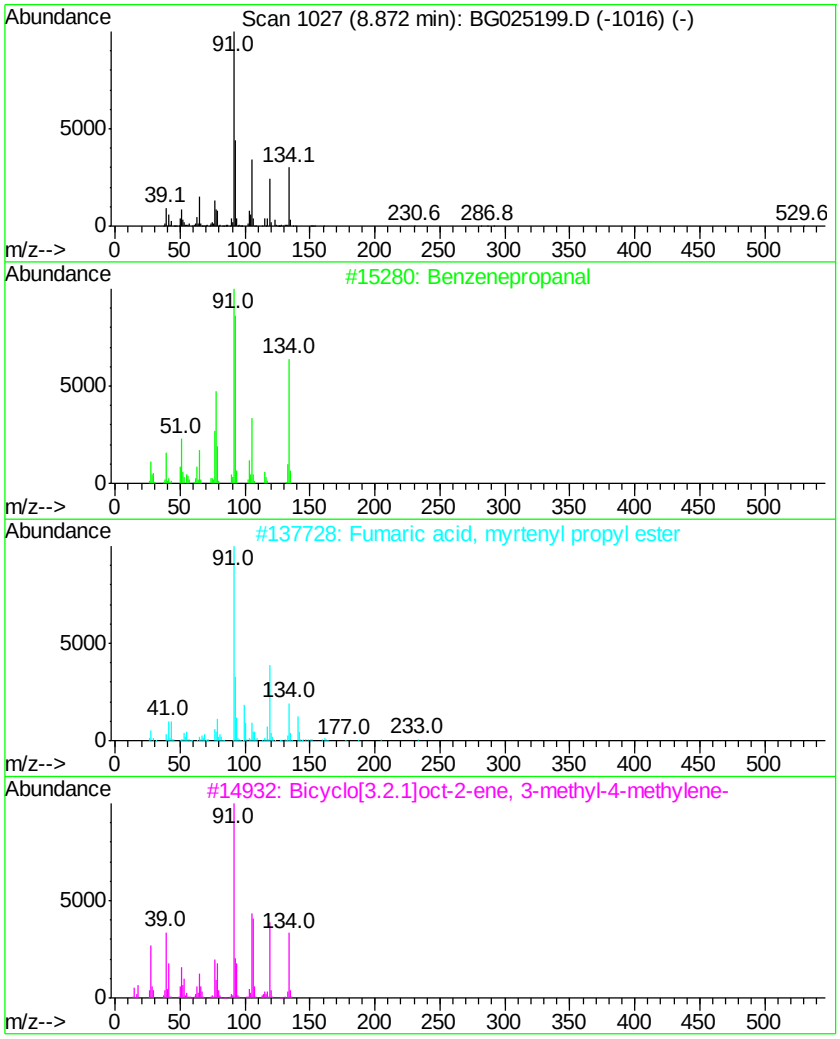
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

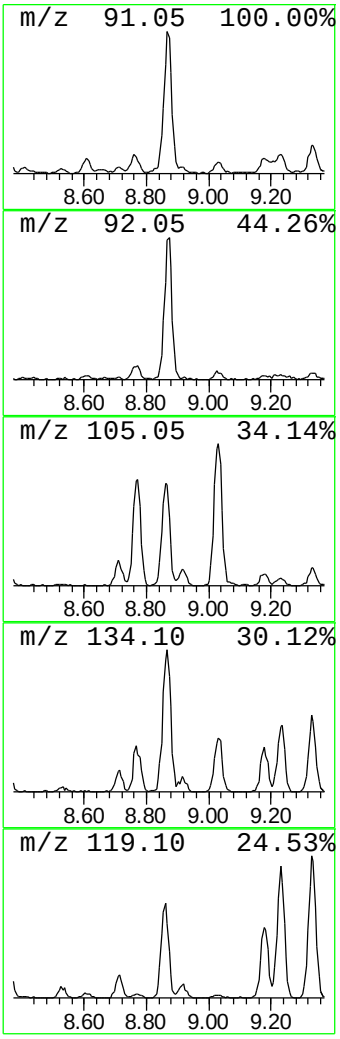
****

Peak Number 2 Benzenepropanal Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	20.10 ng/ul	1714700	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal	134	C9H10O	000104-53-0	58
2	Fumaric acid, myrtenyl propyl ester	292	C17H24O4	1000348-81-0	53
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	52
4	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	50
5	Bicyclo[3.2.2]nona-6,8-dien-3-one	134	C9H10O	026788-91-0	50





Library Search Compound Report

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Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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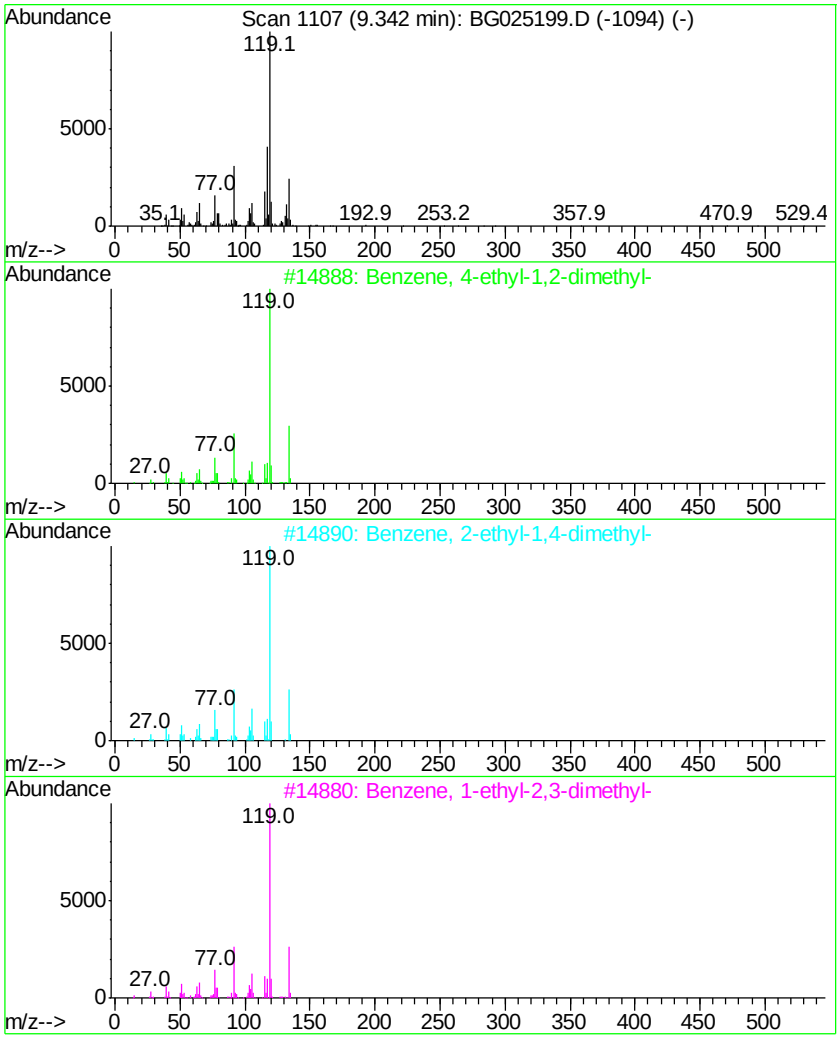
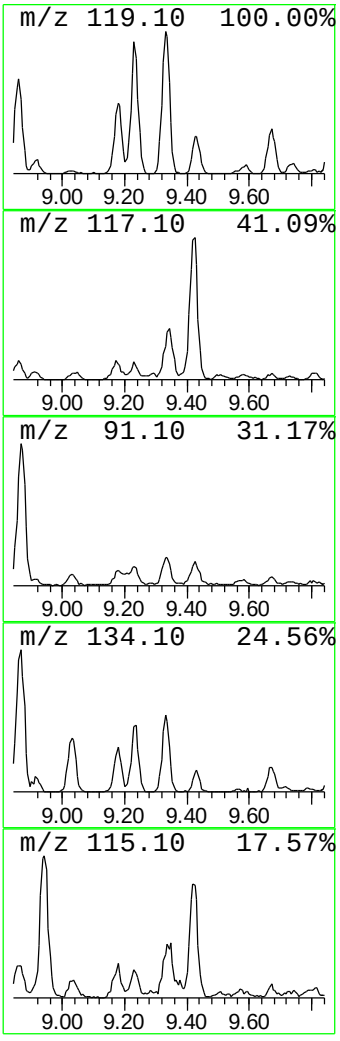
Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	14.87 ng/ul	1268890	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

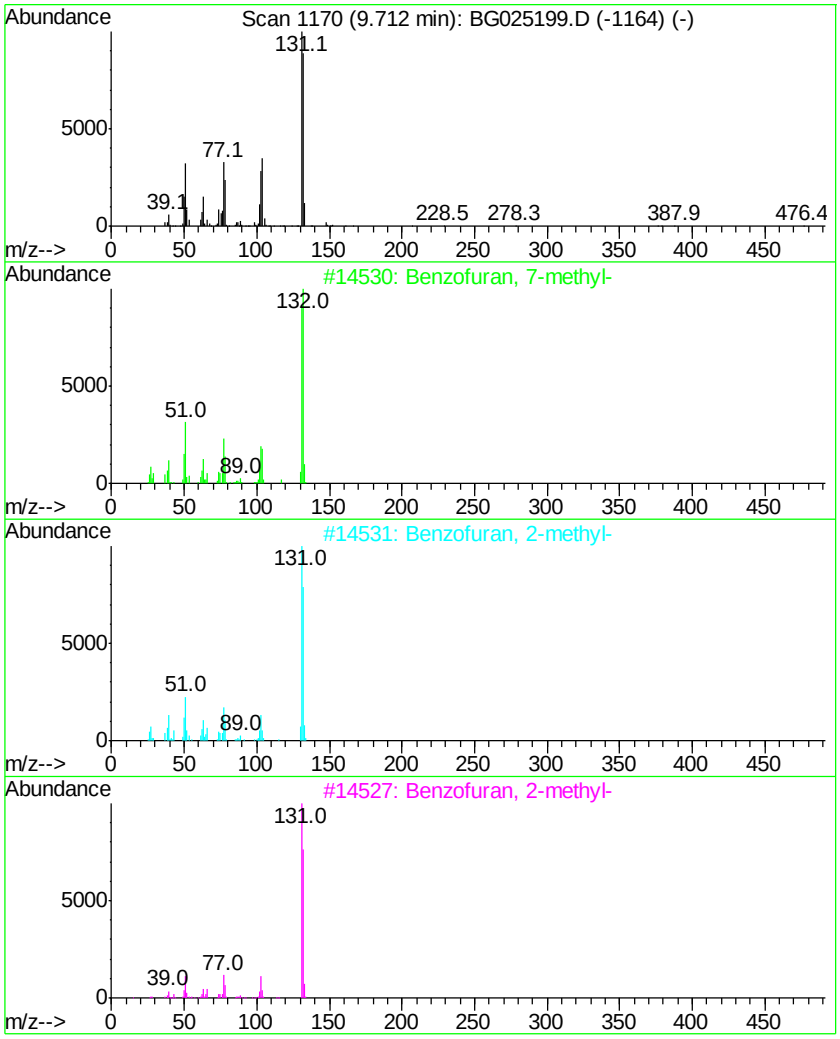
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

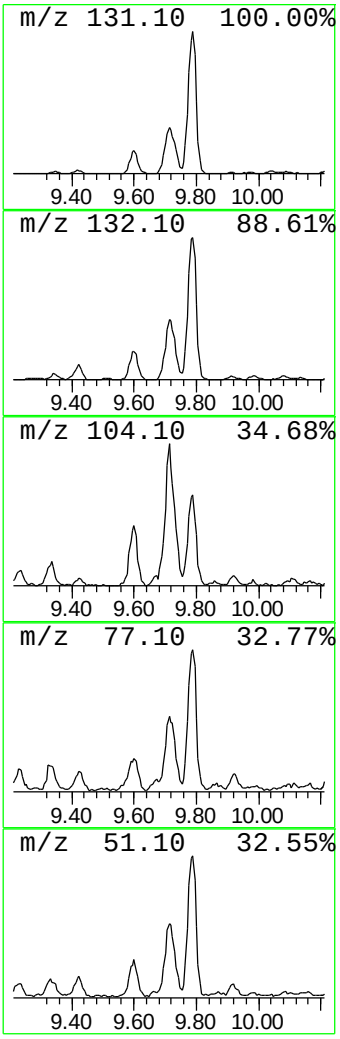
****

Peak Number 4 Benzofuran, 7-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	9.81 ng/ul	1555210	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

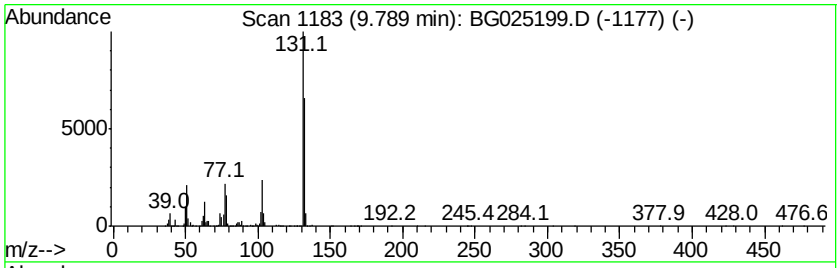
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

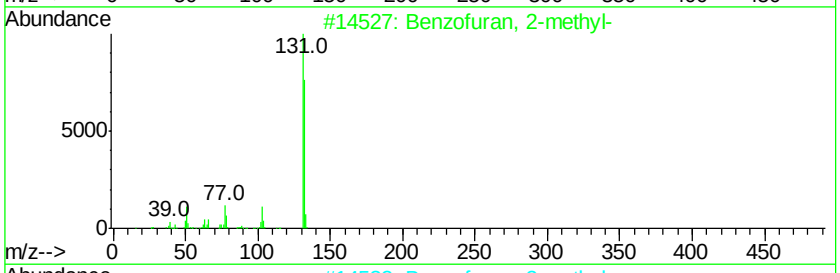
****

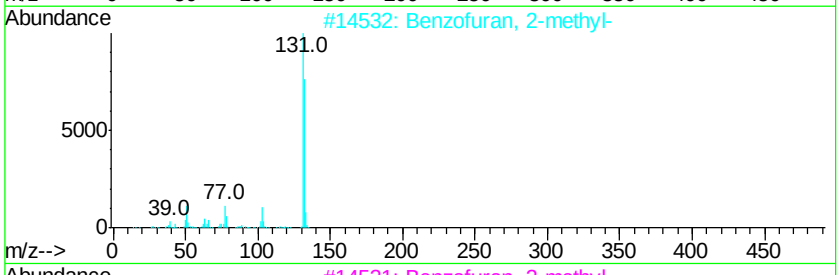
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 45

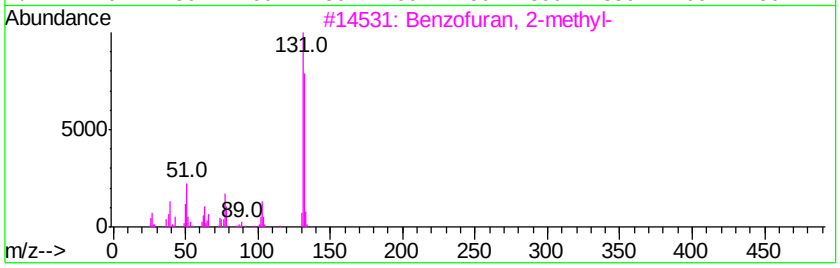
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	17.30 ng/ul	2742220	Naphthalene-d8	11.06

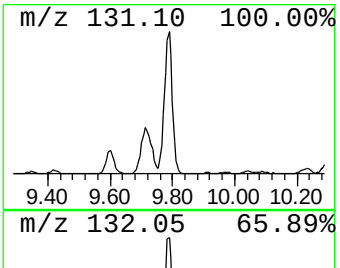
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91

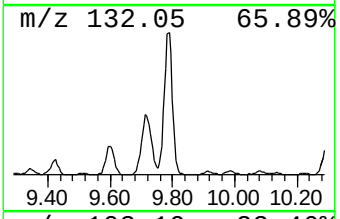


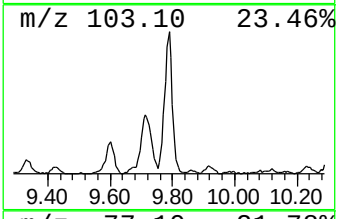


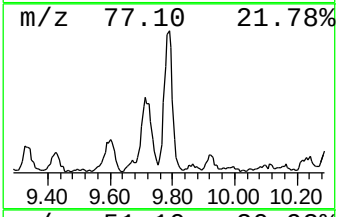


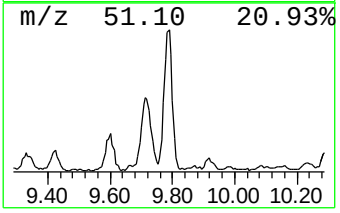












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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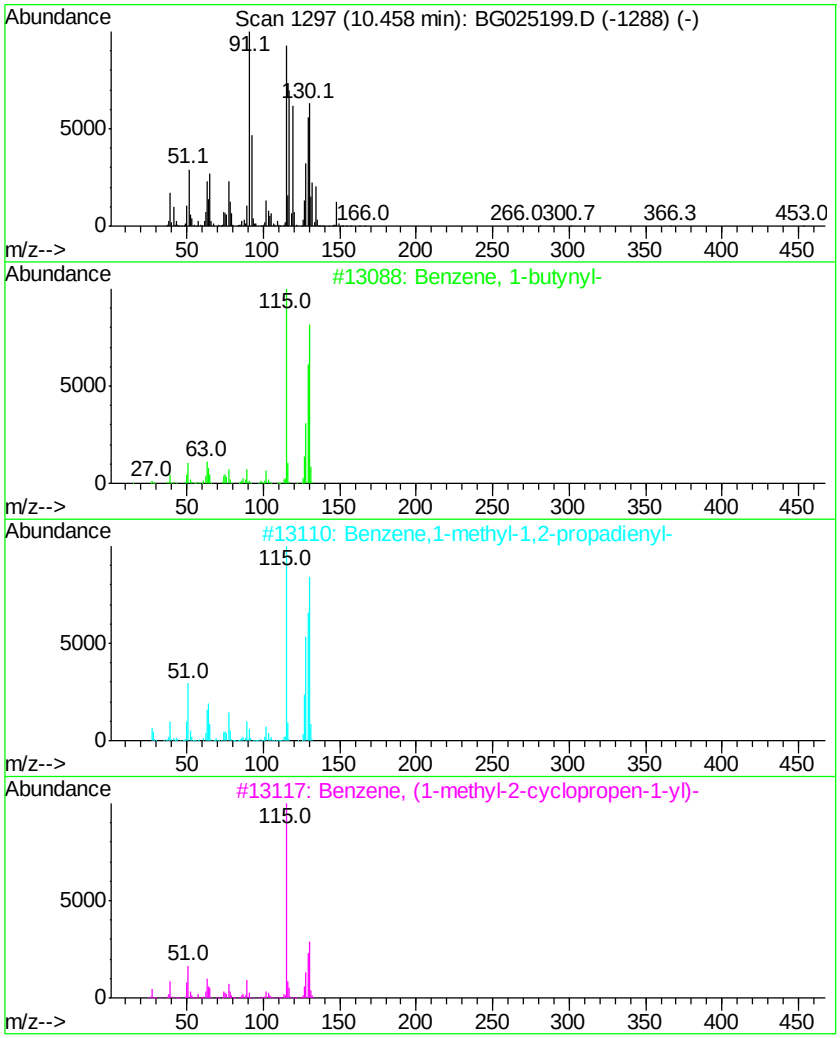
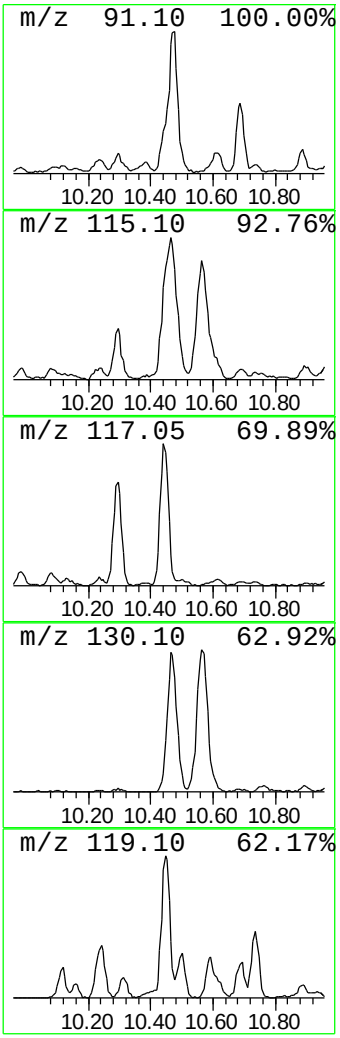
Peak Number 6 Benzene, 1-butynyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	25.46 ng/ul	4036680	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	50
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	46
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	41
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	38
5	1H-2,3-Benzodiazepine, 1-methyl-	158	C10H10N2	029100-32-1	32





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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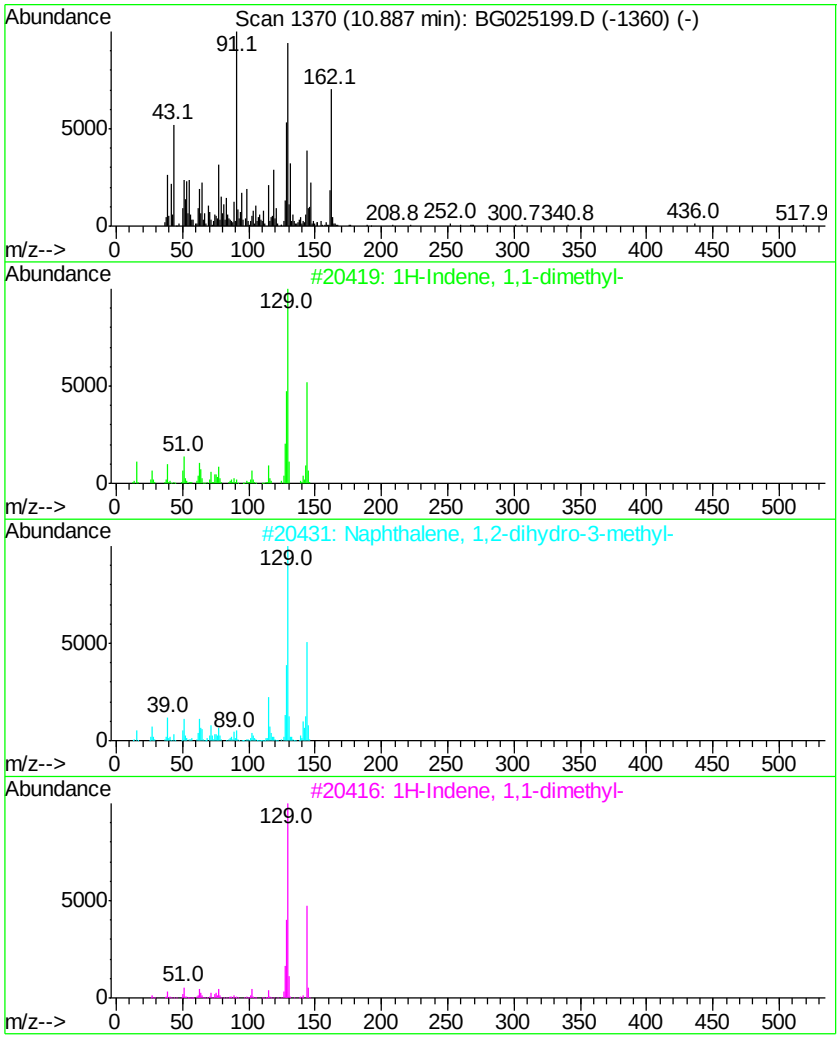
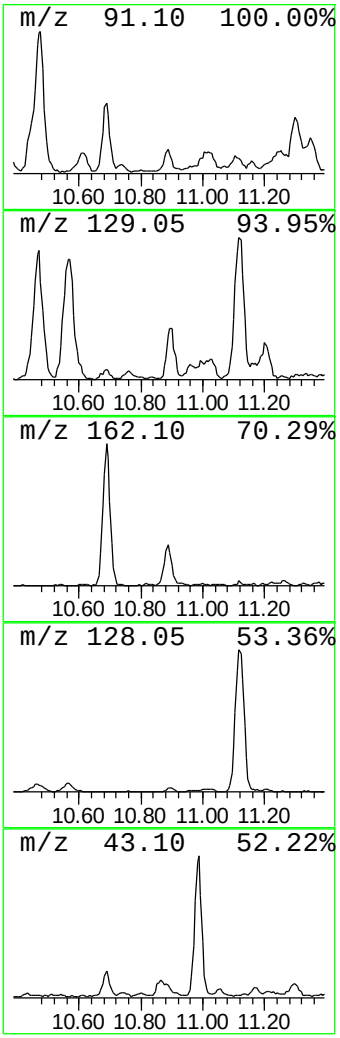
Peak Number 7 1H-Indene, 1,1-dimethyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	7.67 ng/ul	1215750	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	78
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	60
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	50
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	46
5	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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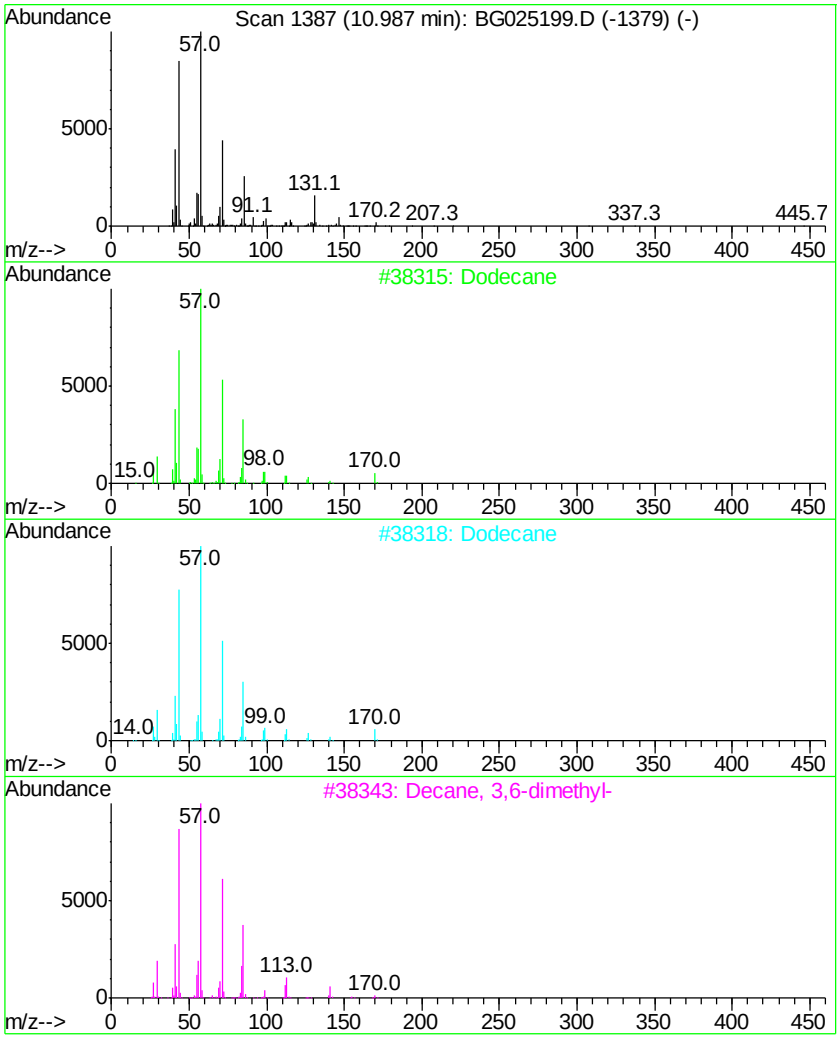
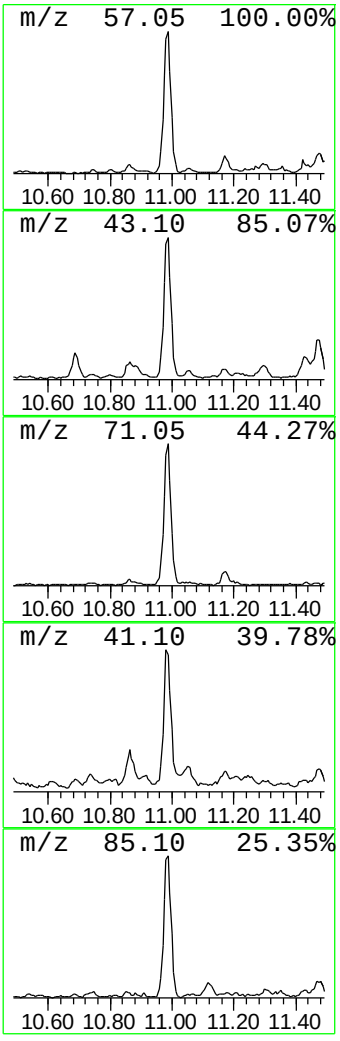
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	15.69 ng/ul	2487000	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Dodecane	170	C12H26	000112-40-3	87
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4	Tridecane	184	C13H28	000629-50-5	80
5	Tritetracontane	605	C43H88	007098-21-7	72





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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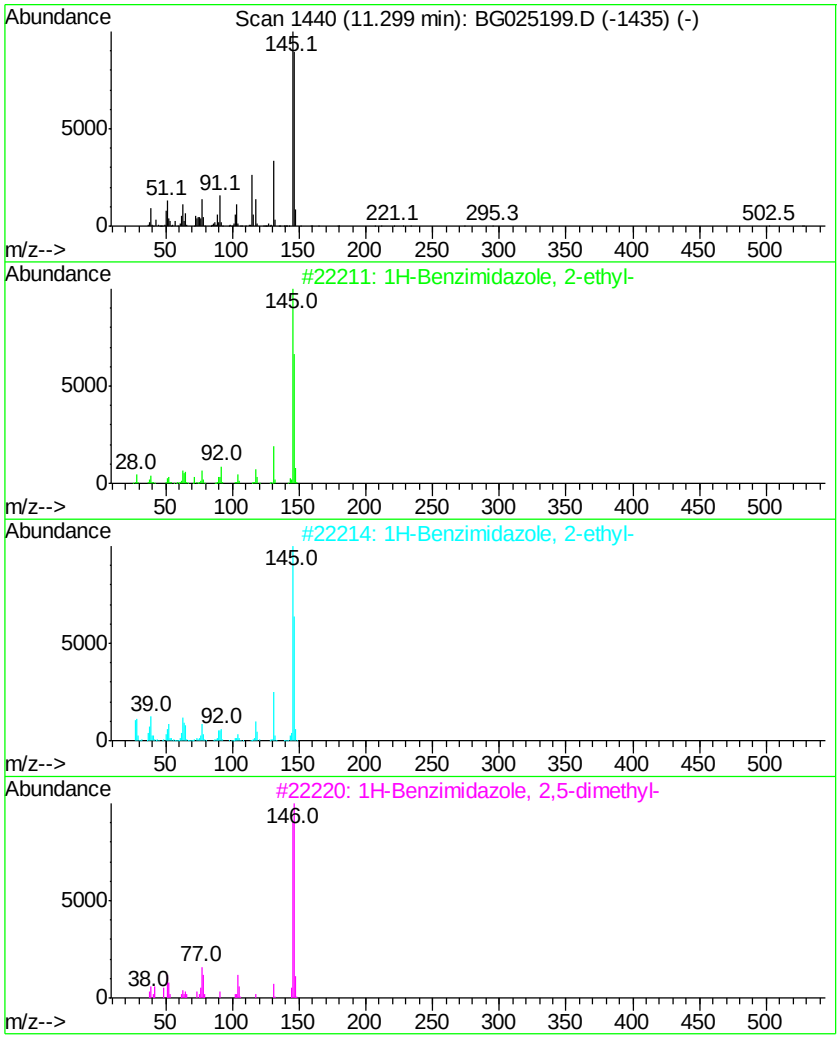
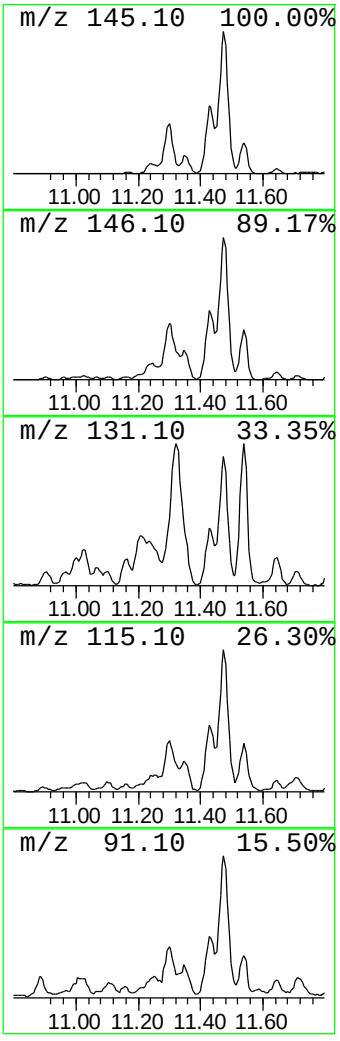
Peak Number 9 1H-Benzimidazole, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	47.72 ng/ul	7565140	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	47
5	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	46





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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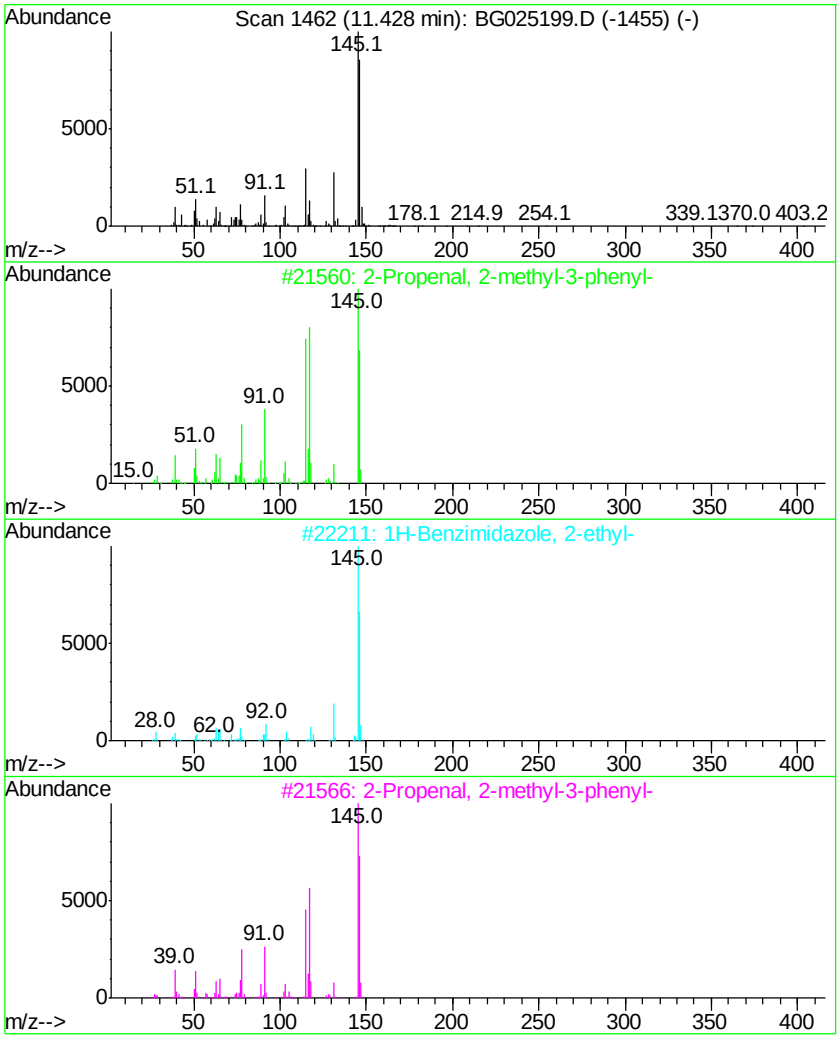
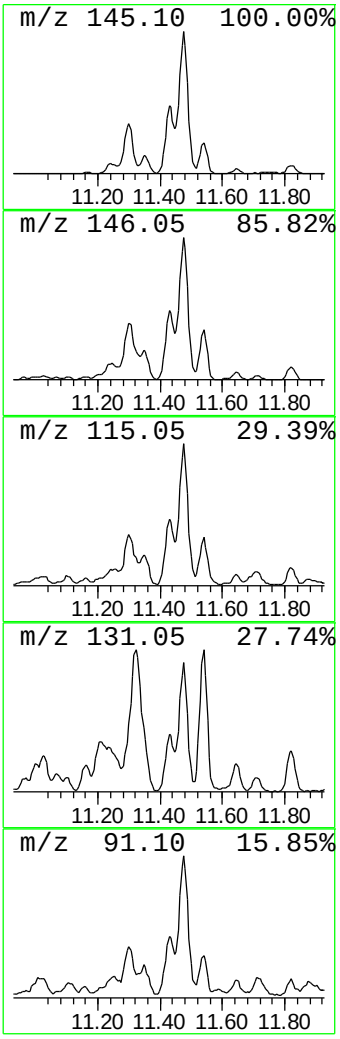
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	32.01 ng/ul	5074950	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	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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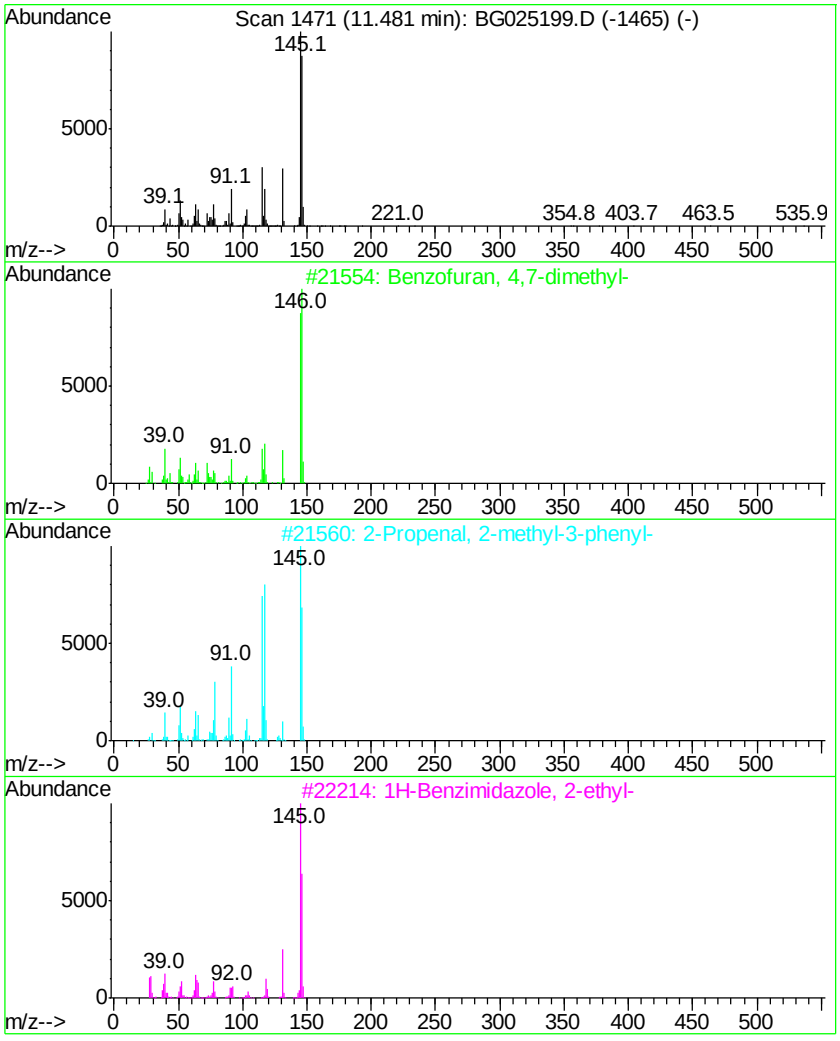
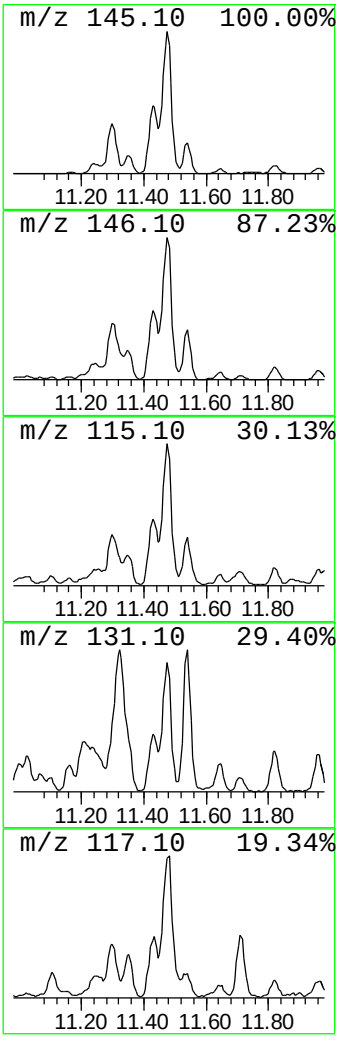
Peak Number 11 Benzofuran, 4,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	66.58 ng/ul	10555800	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	80
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
4	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
5	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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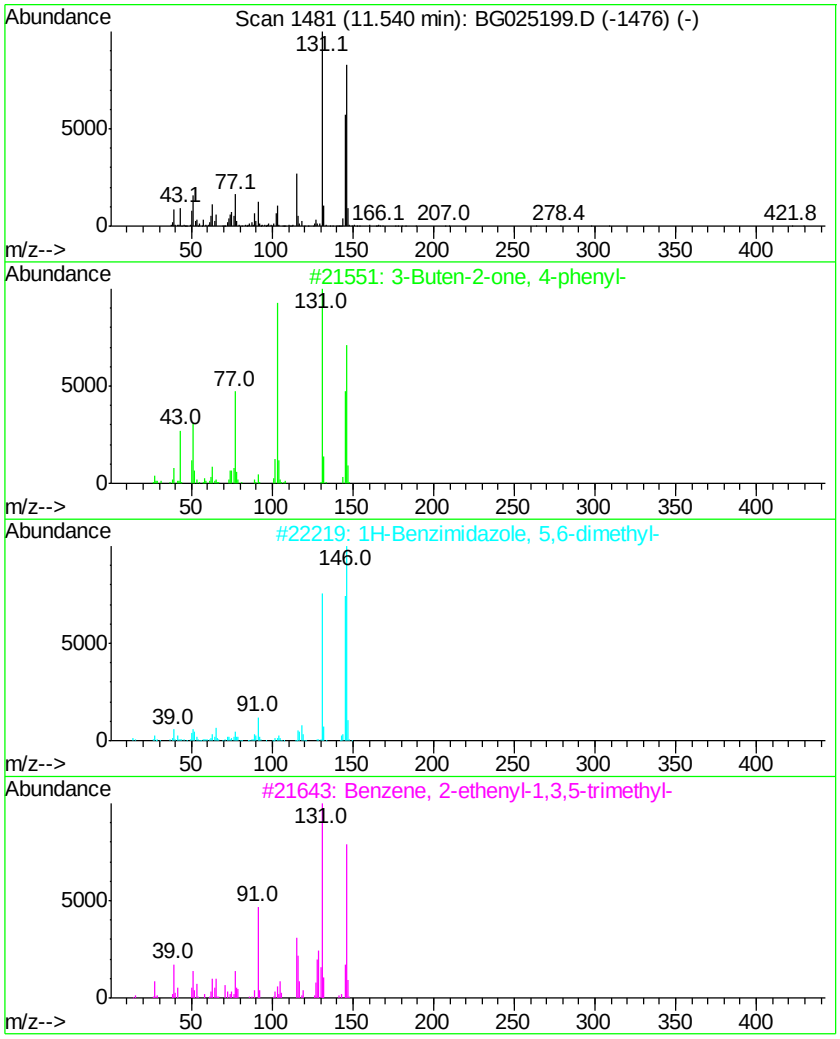
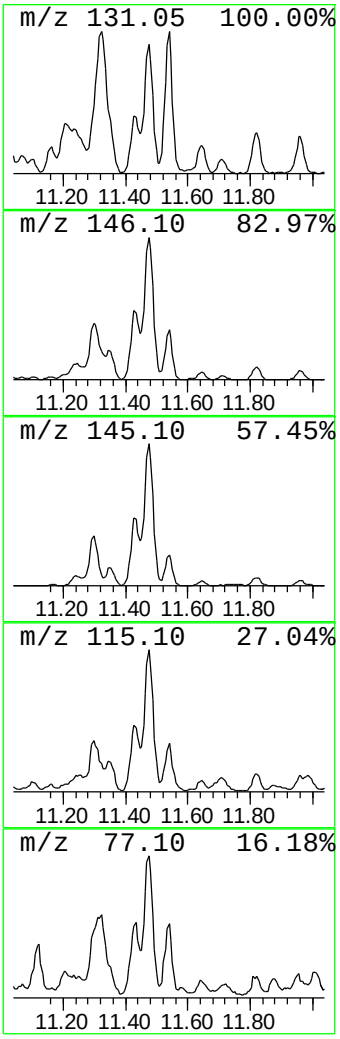
Peak Number 12 3-Buten-2-one, 4-phenyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	22.18 ng/ul	3515970	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	83
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	72





Library Search Compound Report

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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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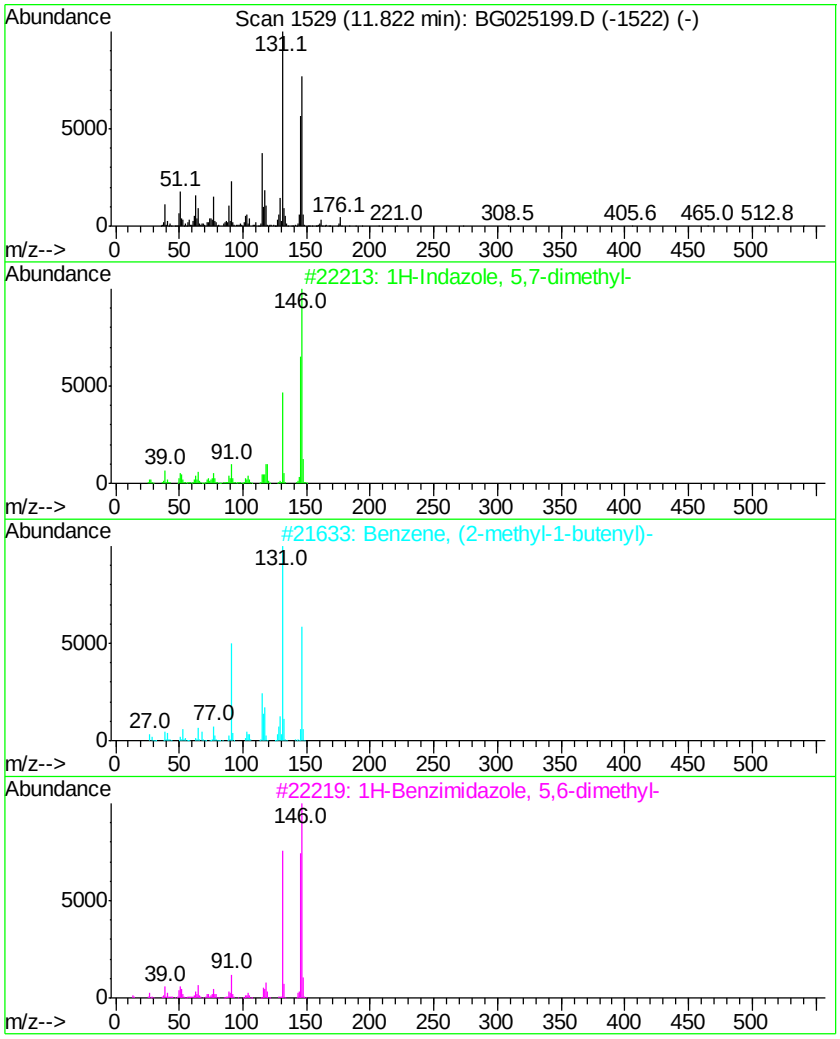
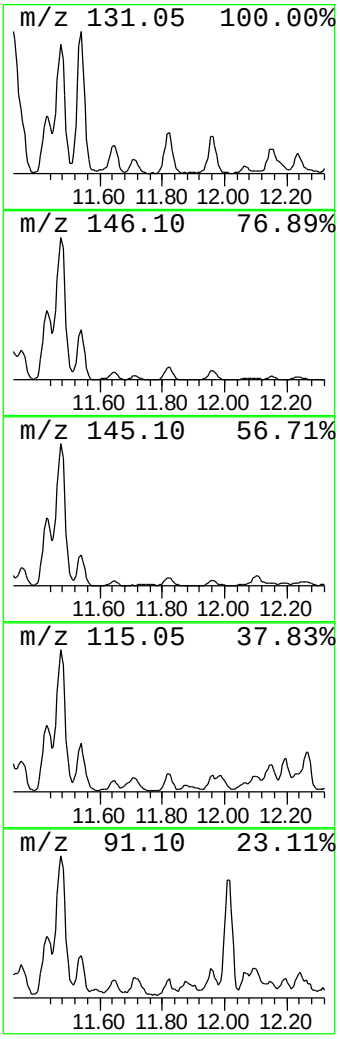
Peak Number 13 1H-Indazole, 5,7-dimethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	8.10 ng/ul	1284890	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	83
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	70
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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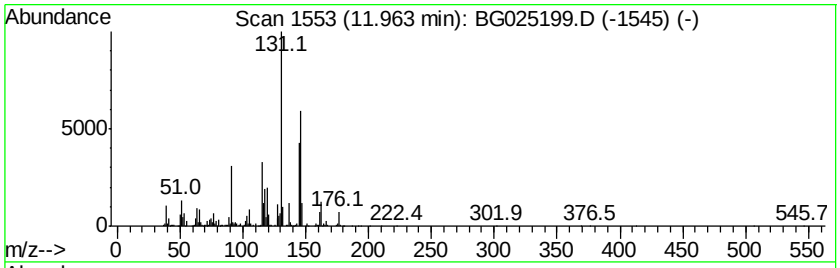
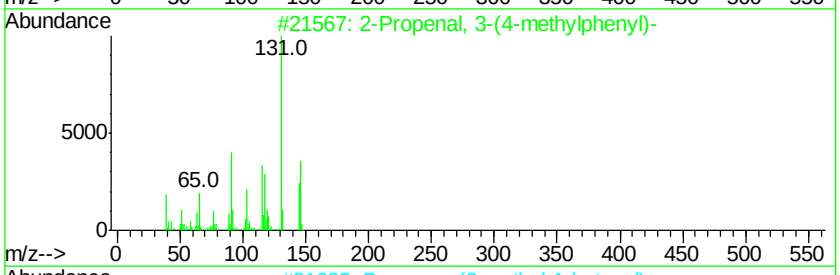
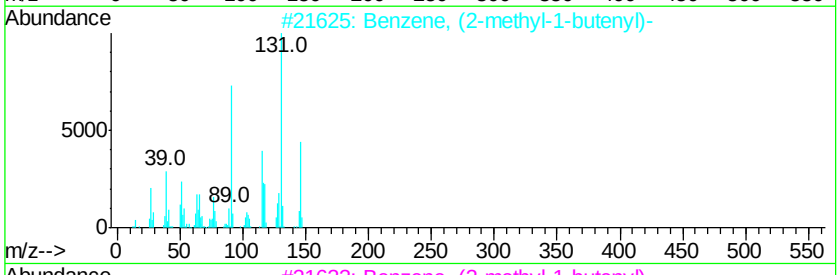
Peak Number 14 2-Propenal, 3-(4-methylphen... Concentration Rank 68

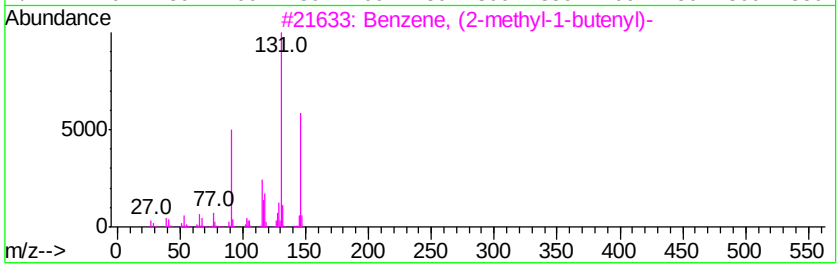
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.89 ng/ul	1251240	Naphthalene-d8	11.06

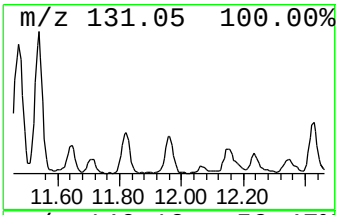
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58

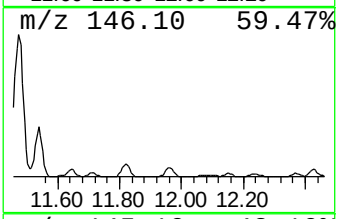


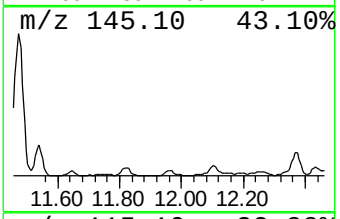


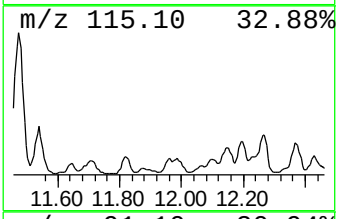


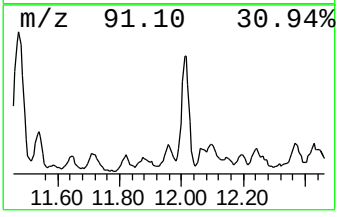












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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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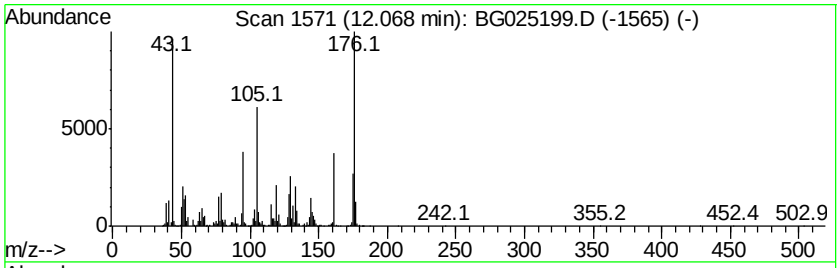
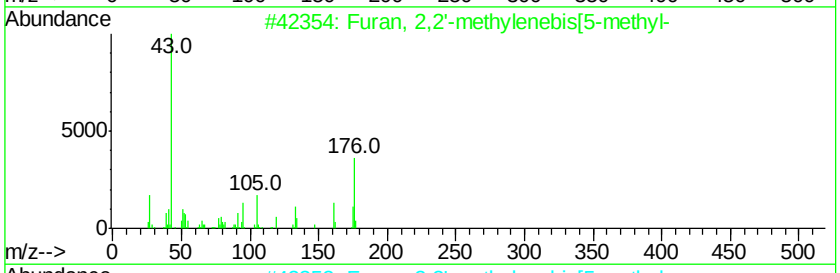
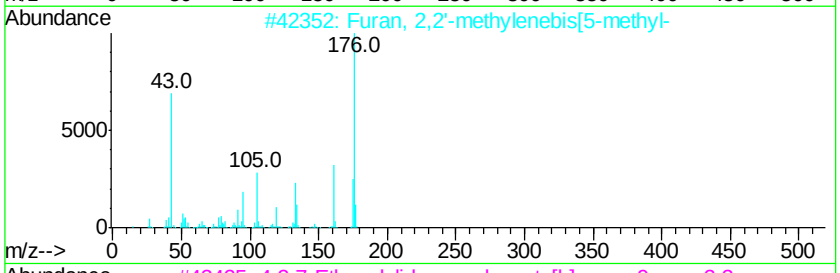
Peak Number 15 Furan, 2,2'-methylenebis[5-... Concentration Rank 54

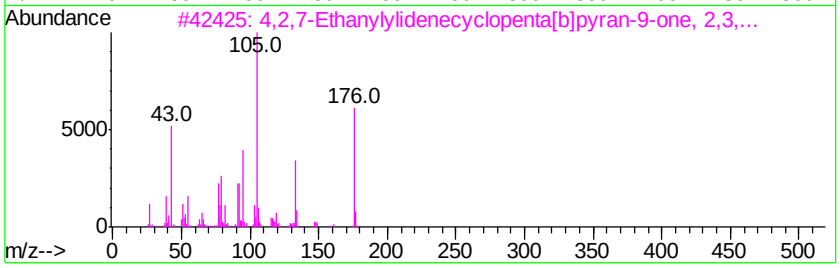
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	13.73 ng/ul	2176700	Naphthalene-d8	11.06

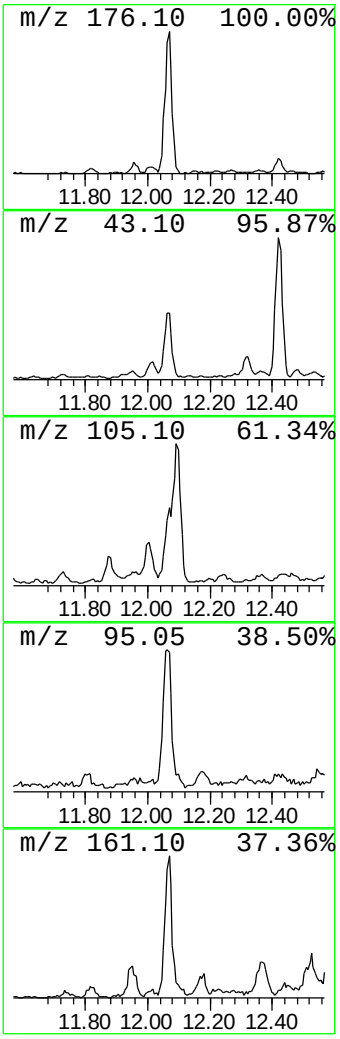
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	58
2	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	58
3	4,2,7-Ethanylylidenecyclopenta[b...	176	C11H12O2	070220-97-2	50
4	(Decahydro-isoquinolin-3-ylidene...	176	C11H16N2	1000185-70-0	47
5	1,2-Dihydro-4-methoxy-1-oxophtha...	176	C9H8N2O2	019807-84-2	38











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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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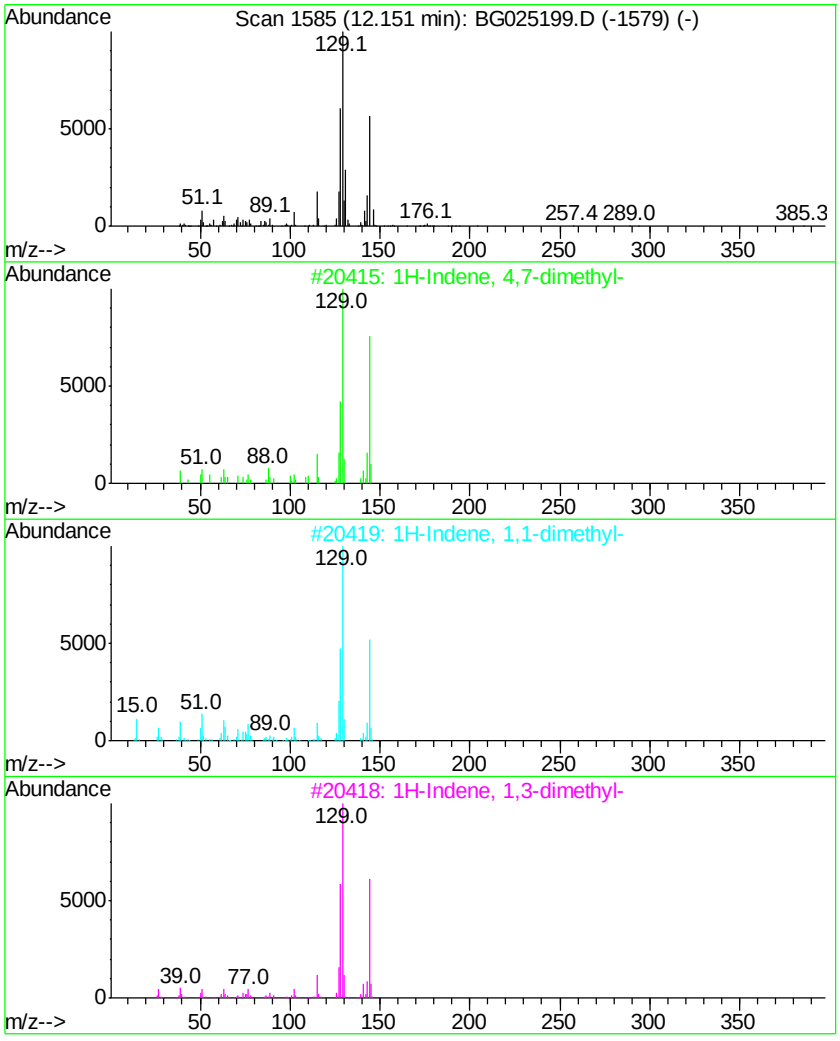
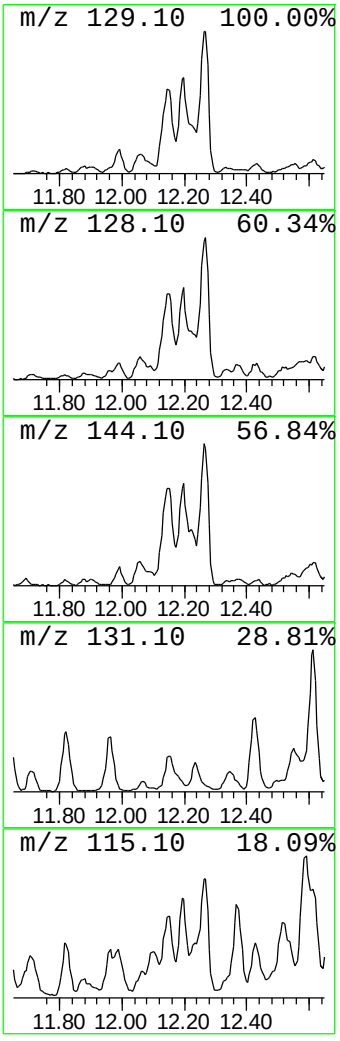
Peak Number 16 1H-Indene, 4,7-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	9.18 ng/ul	1454860	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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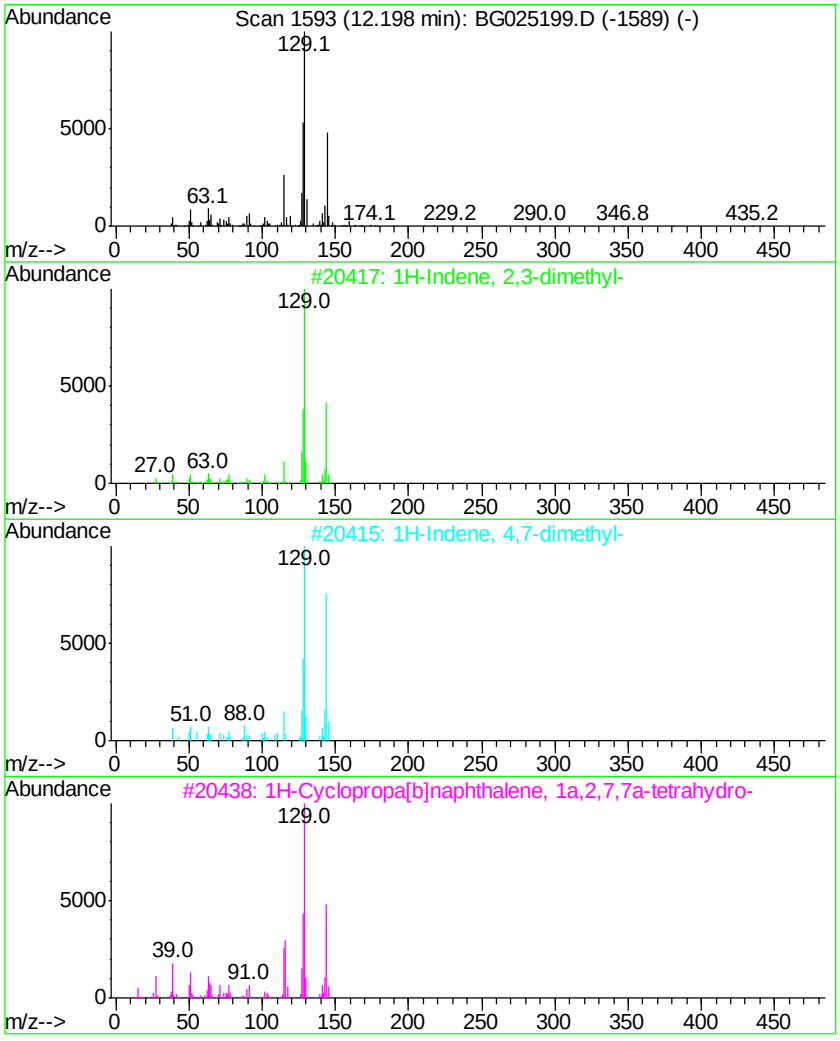
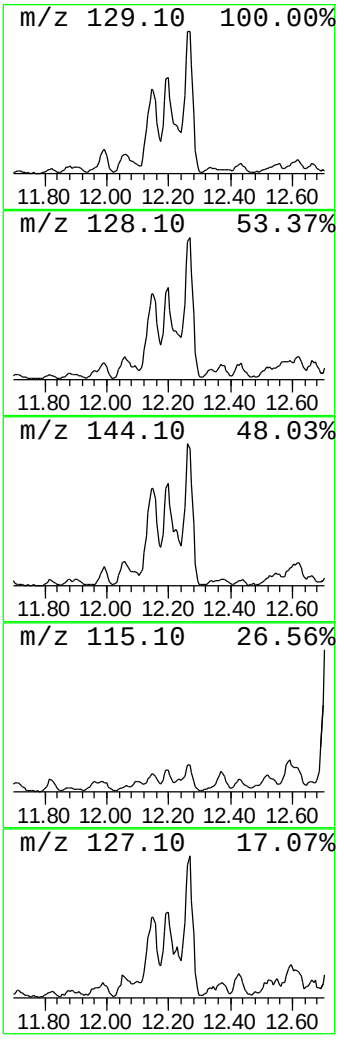
Peak Number 17 1H-Indene, 2,3-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	8.59 ng/ul	1362570	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	95
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	91
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87





Library Search Compound Report

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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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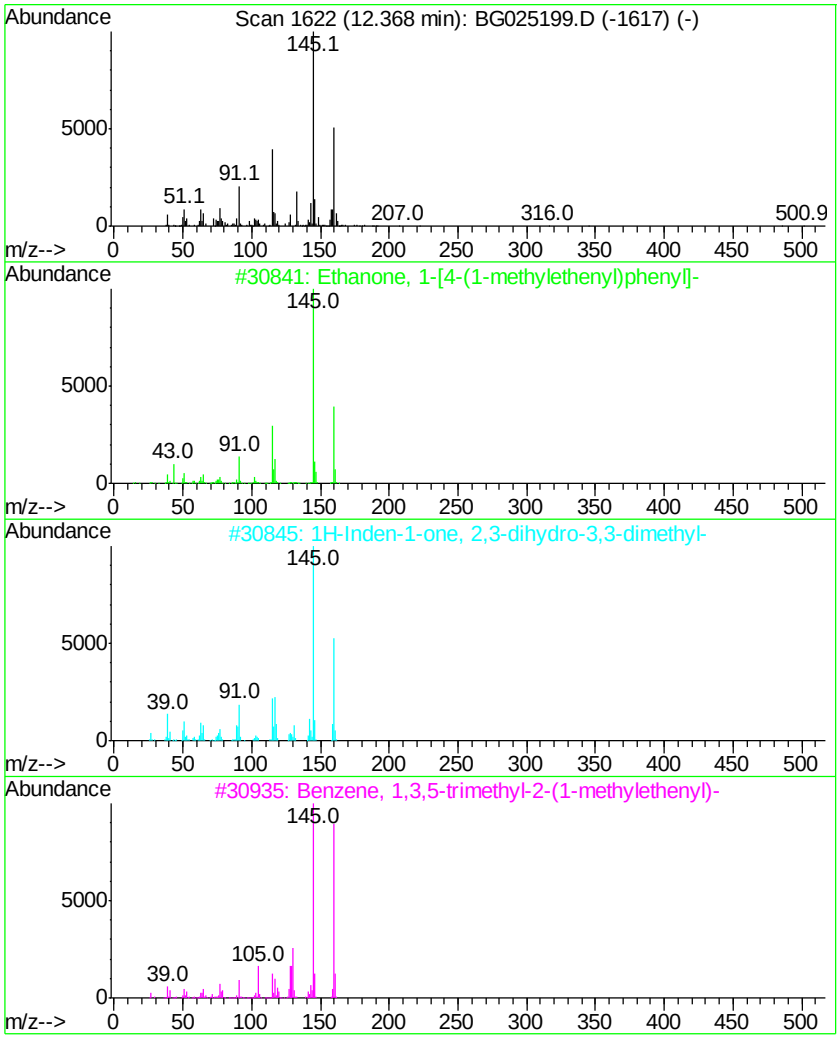
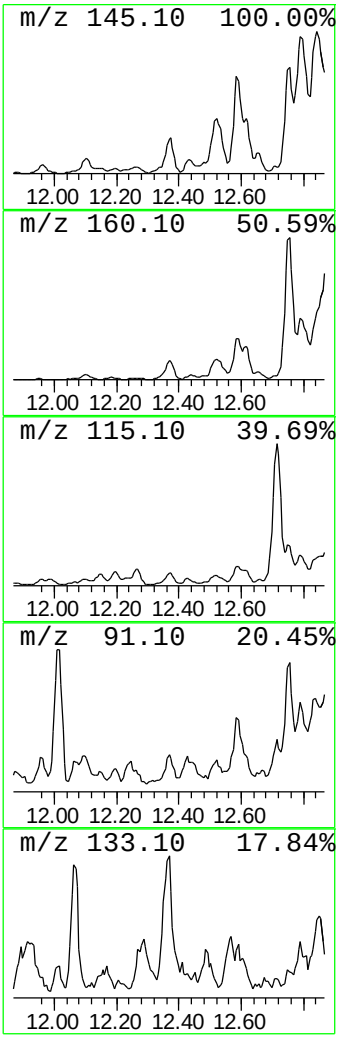
Peak Number 19 Ethanone, 1-[4-(1-methyleth... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.22 ng/ul	1303750	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	70
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	64
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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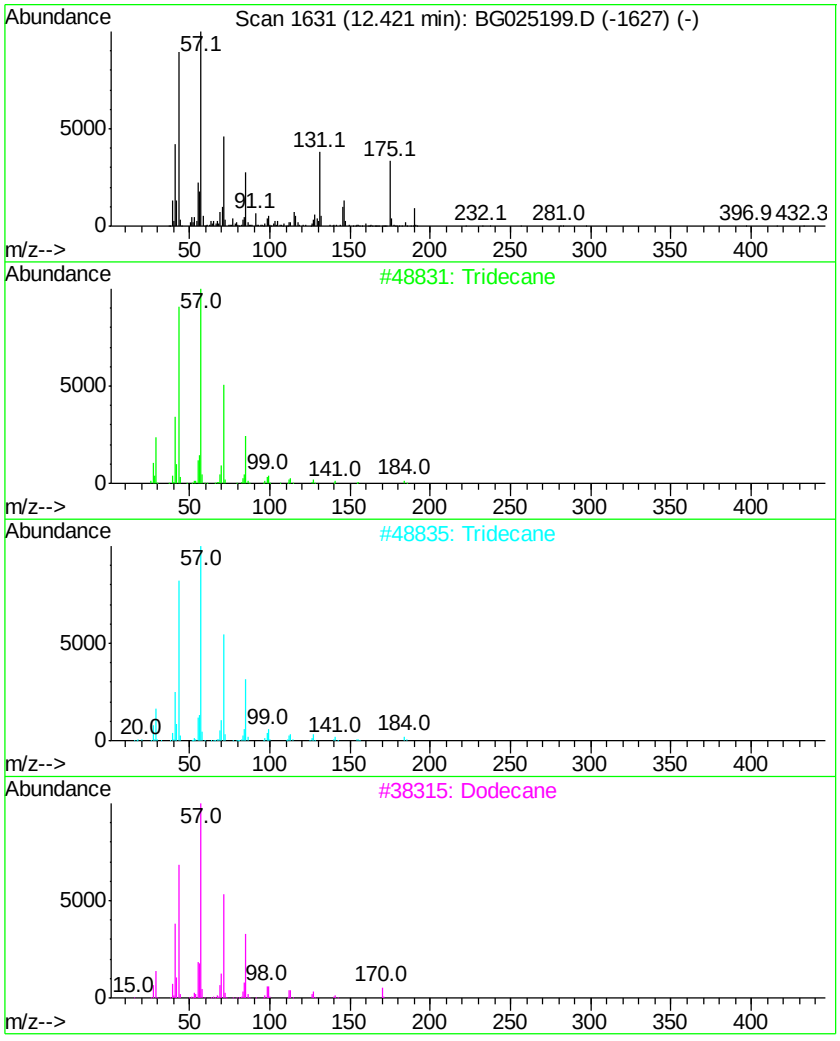
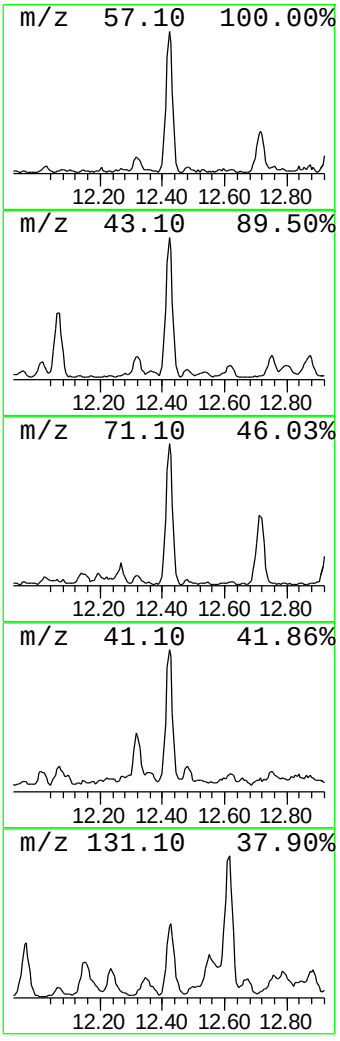
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	23.10 ng/ul	3662790	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	70
3	Dodecane	170	C12H26	000112-40-3	43
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	43
5	Hexadecane	226	C16H34	000544-76-3	43





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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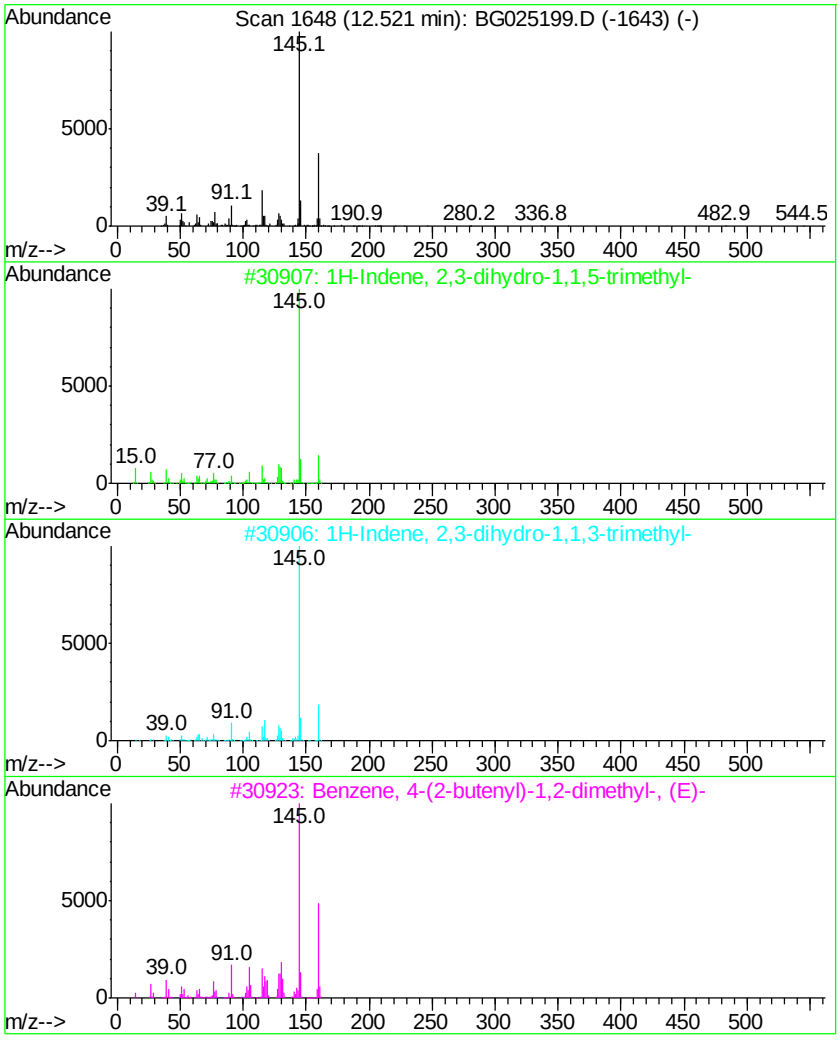
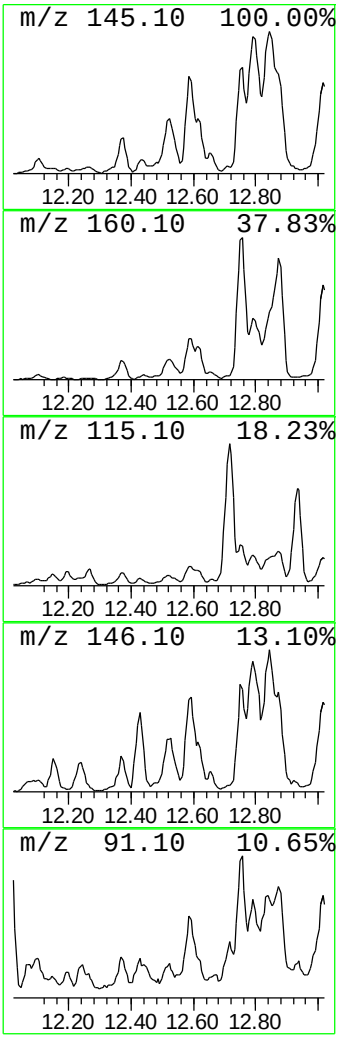
Peak Number 21 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.92 ng/ul	1414100	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	94
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	87
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	86
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	86





Library Search Compound Report

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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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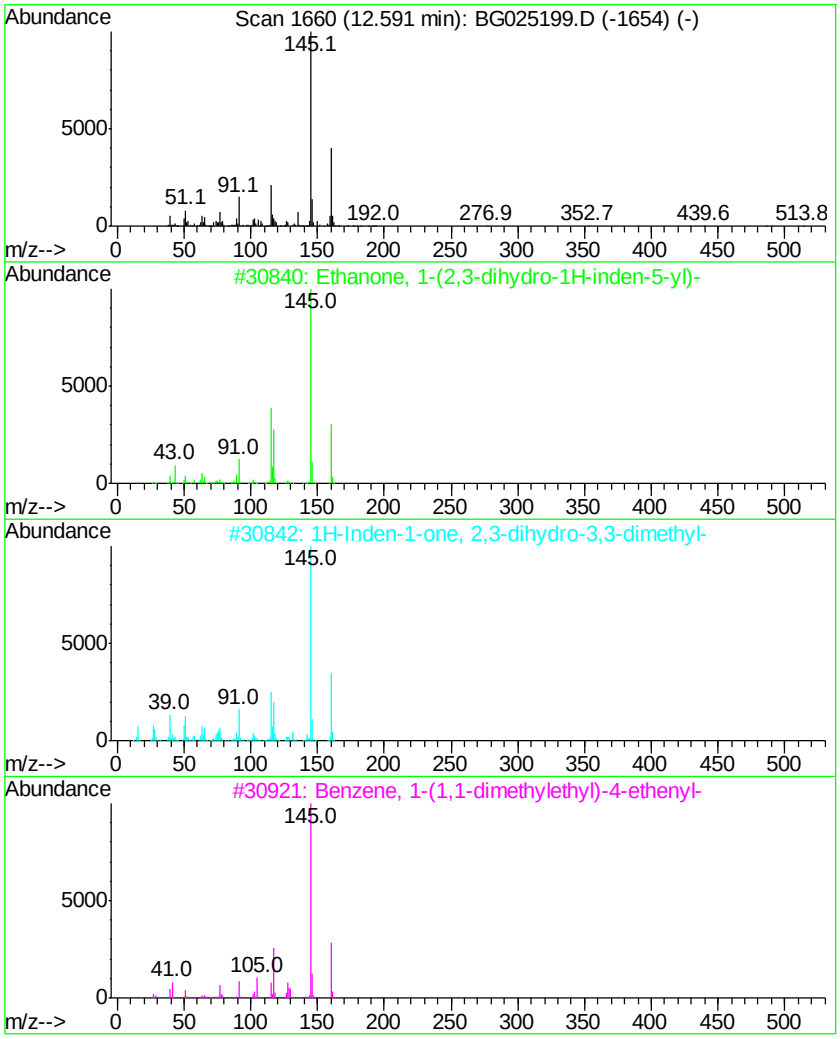
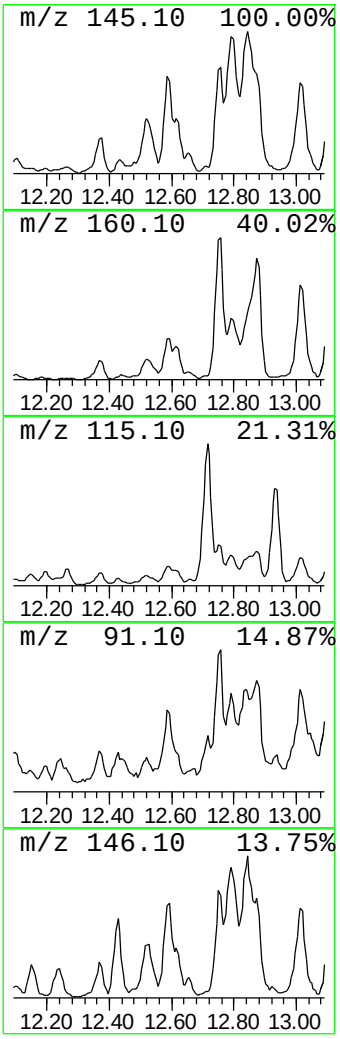
Peak Number 22 Ethanone, 1-(2,3-dihydro-1H... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	16.18 ng/ul	2565220	Naphthalene-d8	11.06

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-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	83
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	72
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72
5	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	64





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Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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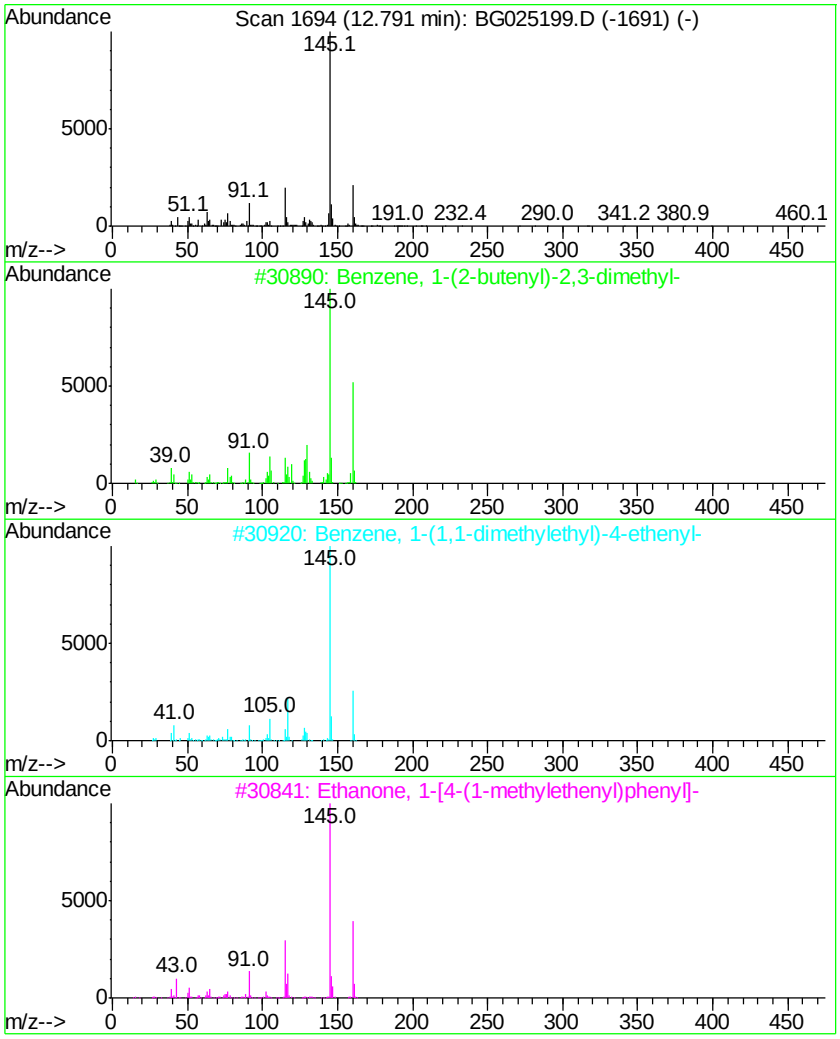
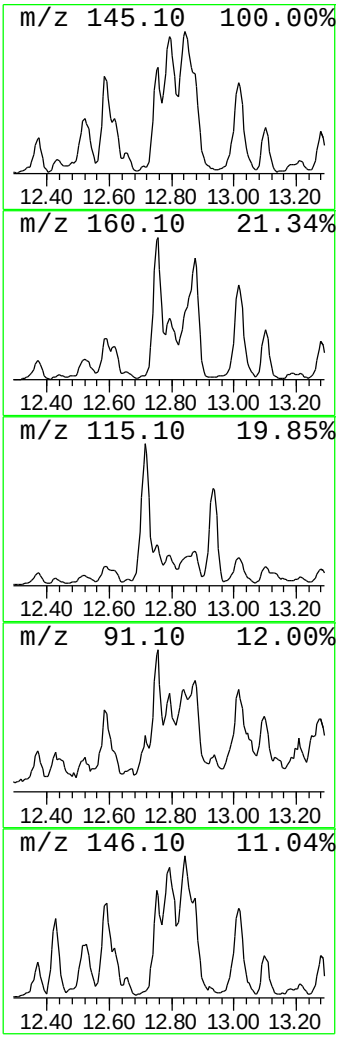
Peak Number 23 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	28.80 ng/ul	4566510	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	64
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	59
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	59





Library Search Compound Report

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Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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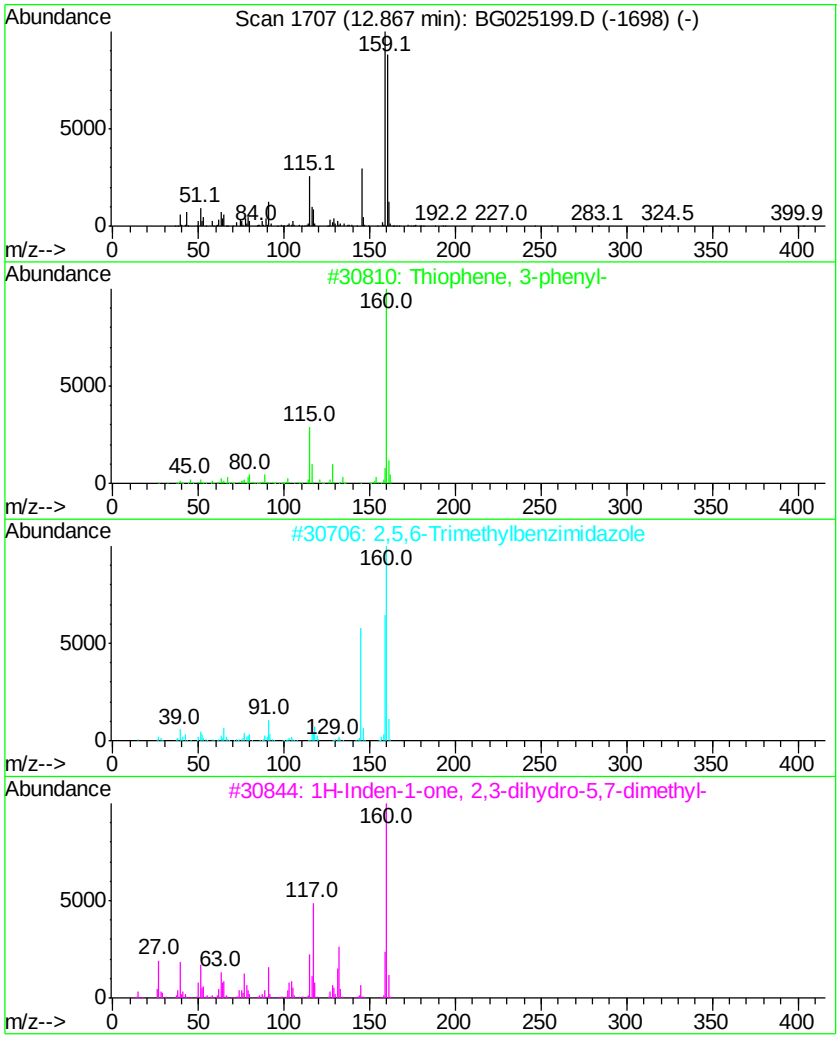
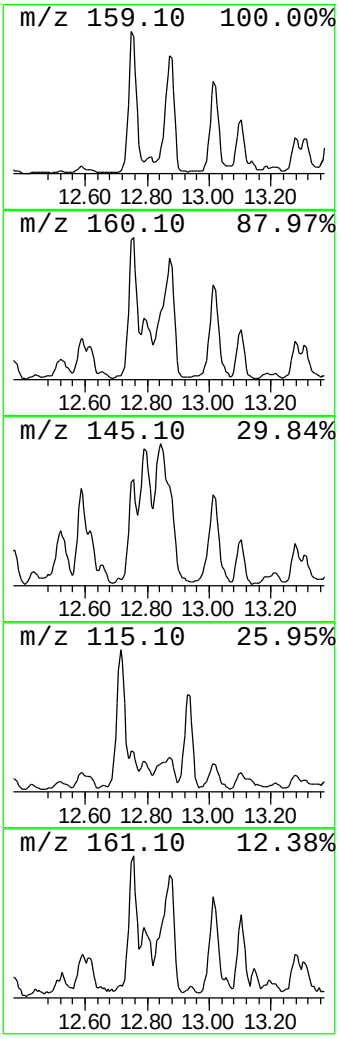
Peak Number 24 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	68.82 ng/ul	10911000	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	45
2	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	43
3	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	43
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	37
5	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	37





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Acq On : 15 Dec 2016 6:08
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Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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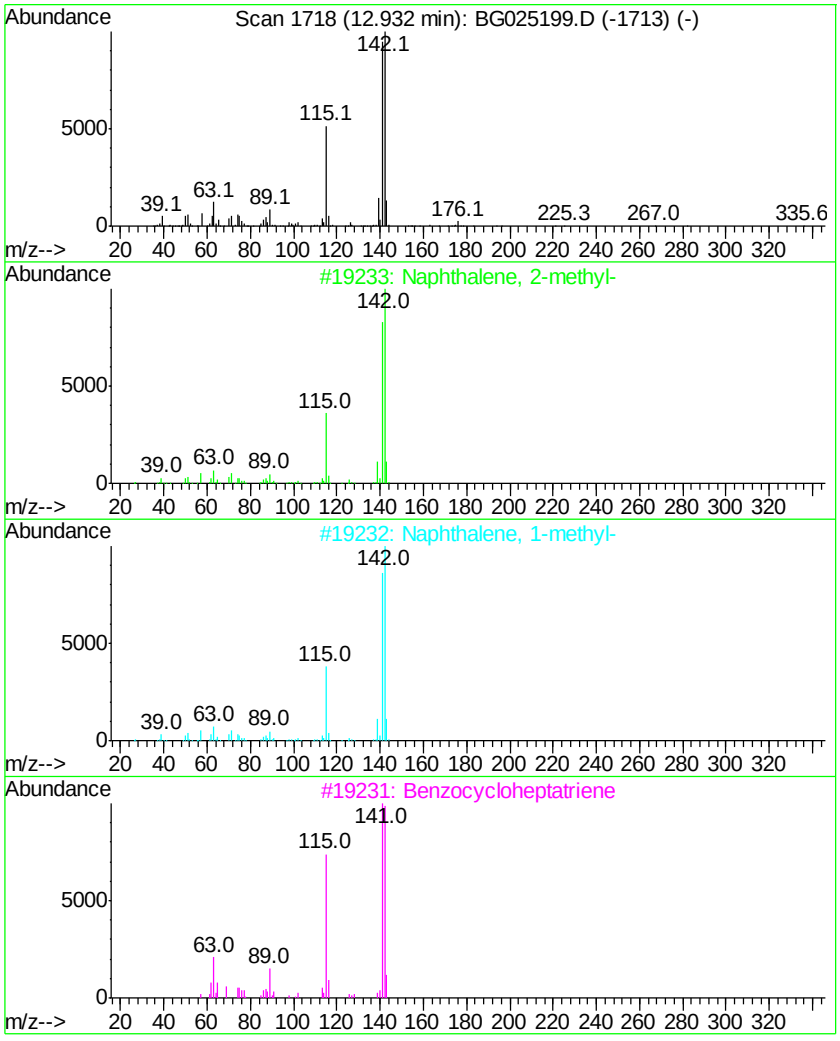
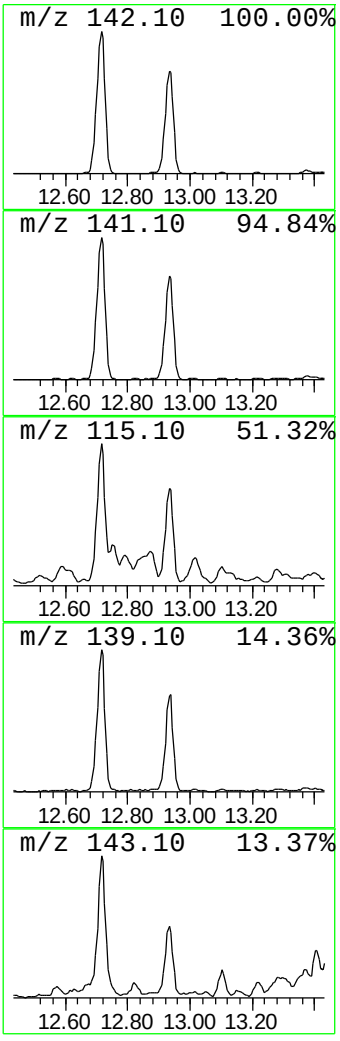
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	51.62 ng/ul	8182950	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

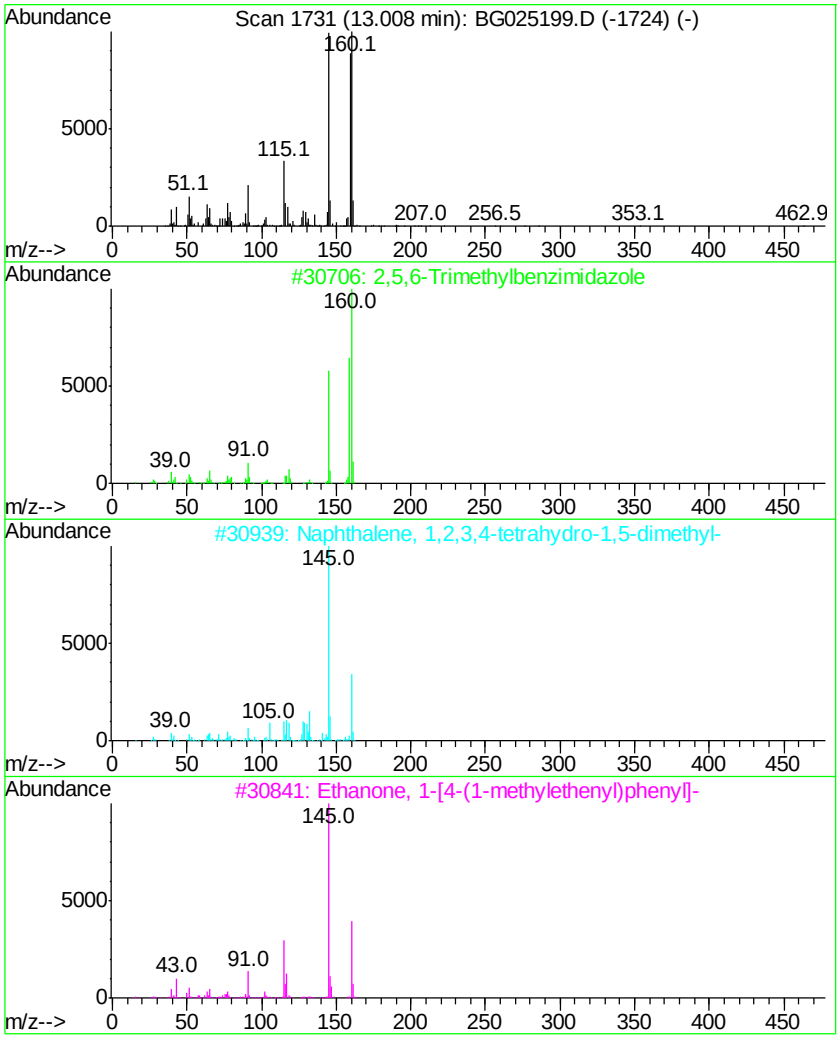
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

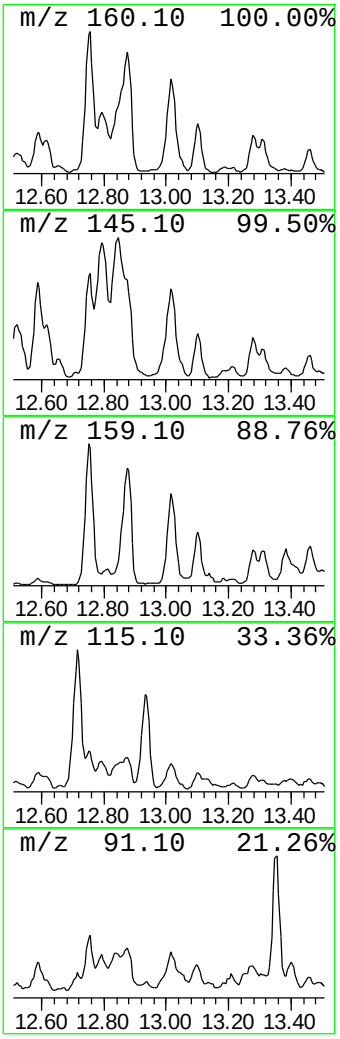
****

Peak Number 26 2,5,6-Trimethylbenzimidazole Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	29.73 ng/ul	6917240	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	58
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49





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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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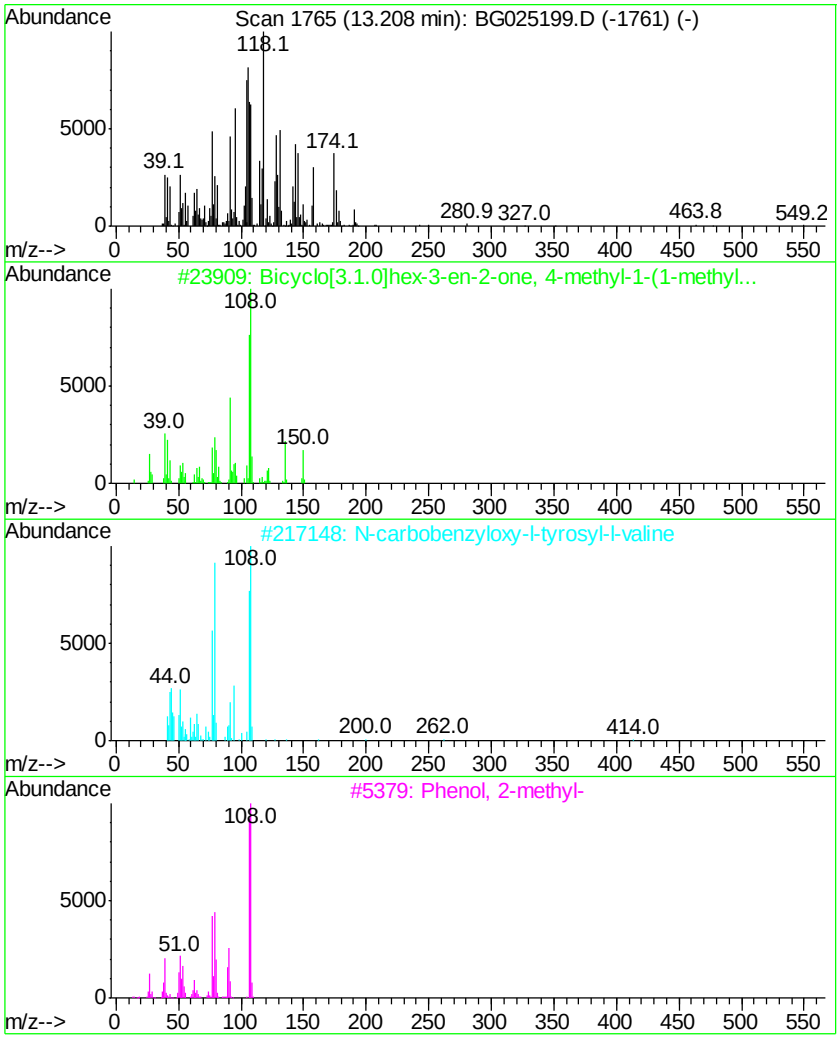
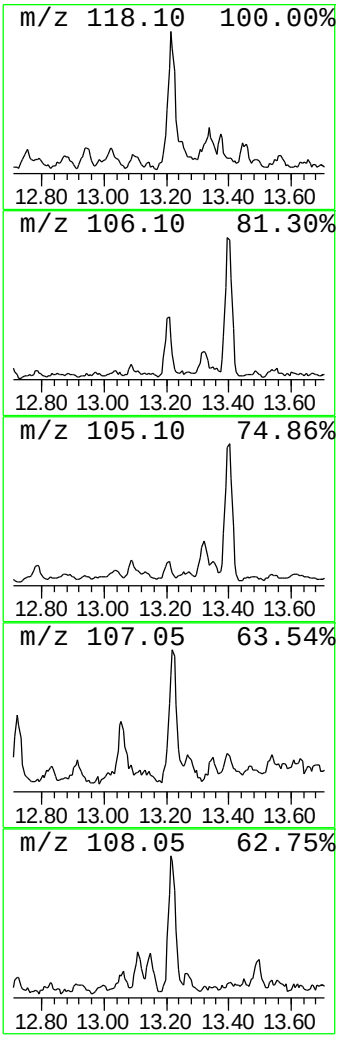
Peak Number 28 unknown-02 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	6.06 ng/ul	1409930	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-3-en-2-one, 4-...	150	C10H14O	024545-81-1	15
2	N-carbobenzyloxy-l-tyrosyl-l-valine	414	C22H26N2O6	1000126-29-3	11
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	11
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	11
5	Bicyclo[3.1.0]hex-3-en-2-one, 4-...	150	C10H14O	024545-81-1	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

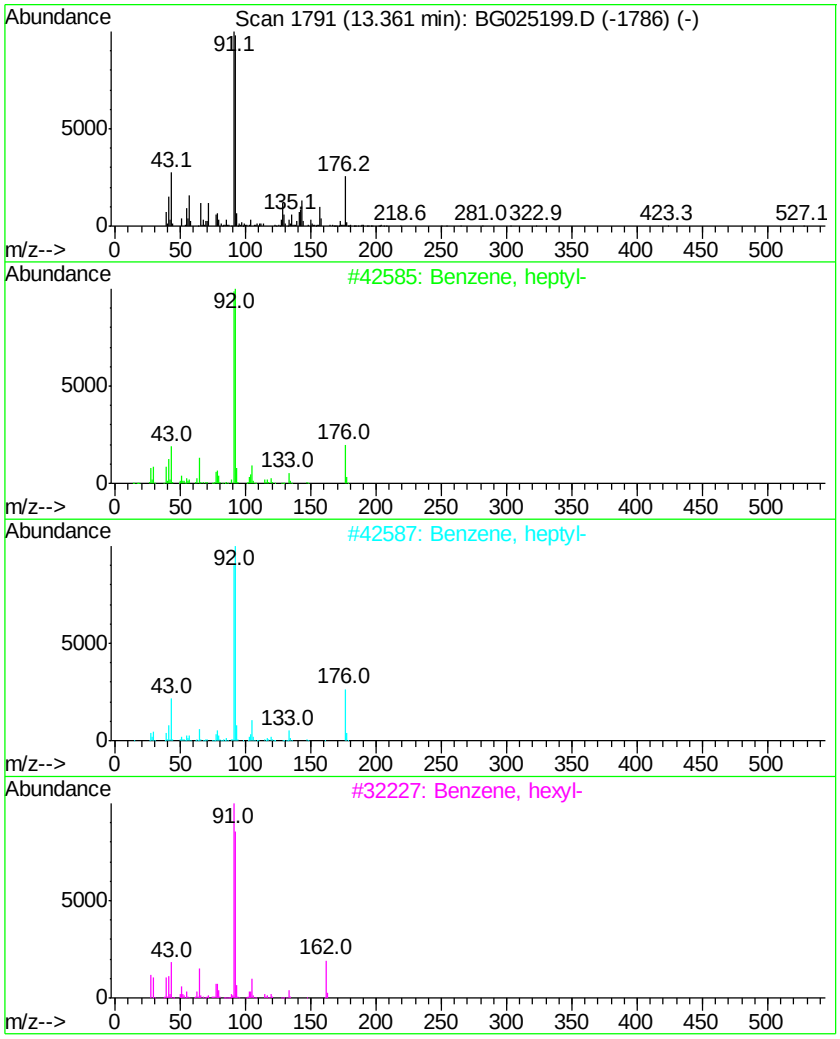
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

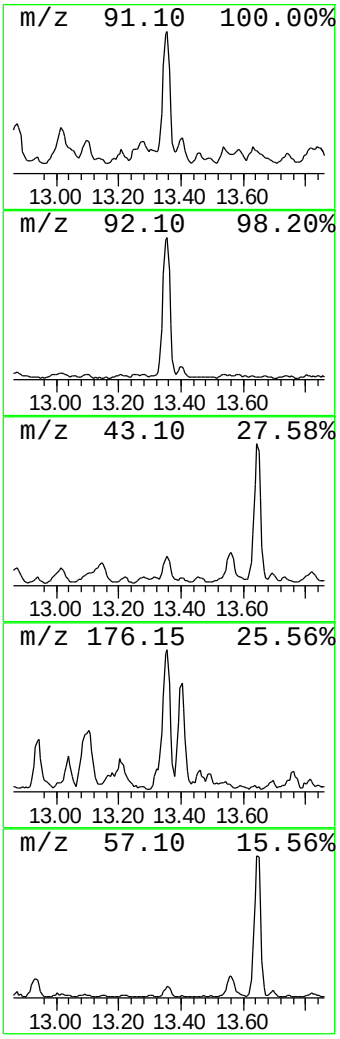
****

Peak Number 30 Benzene, heptyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	7.59 ng/ul	1765370	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	87
2	Benzene, heptyl-	176	C13H20	001078-71-3	74
3	Benzene, hexyl-	162	C12H18	001077-16-3	59
4	Benzene, pentyl-	148	C11H16	000538-68-1	53
5	Benzene, nonyl-	204	C15H24	001081-77-2	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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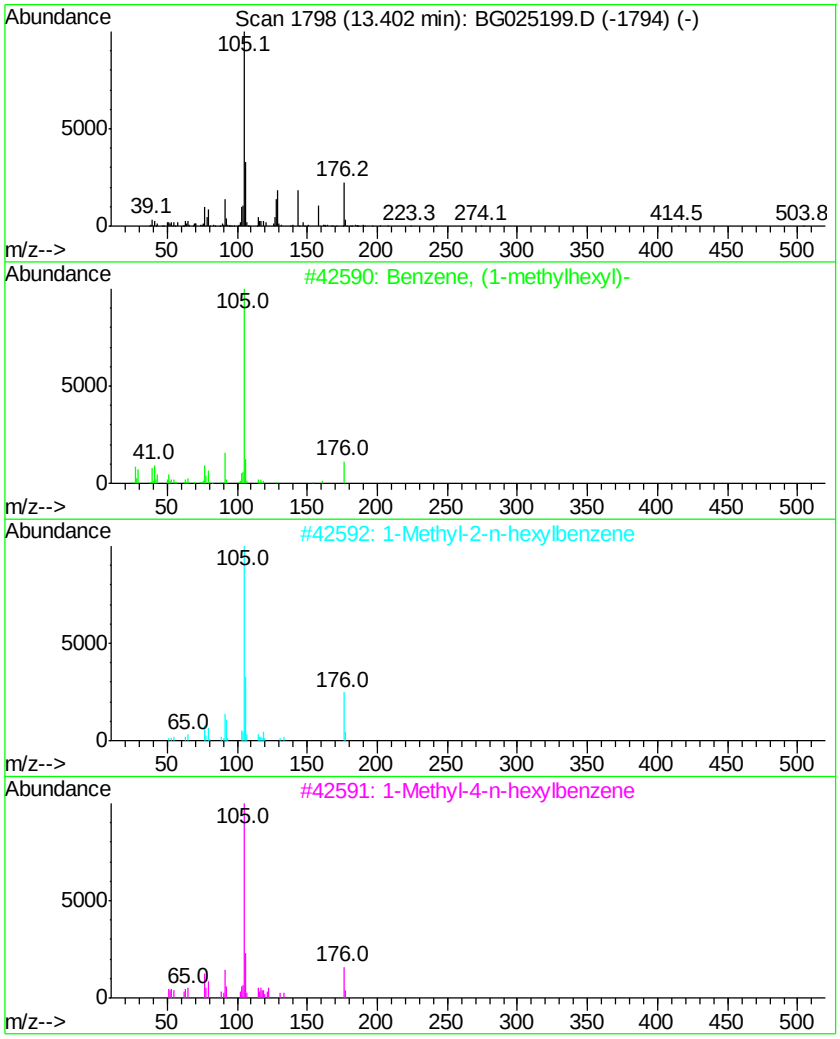
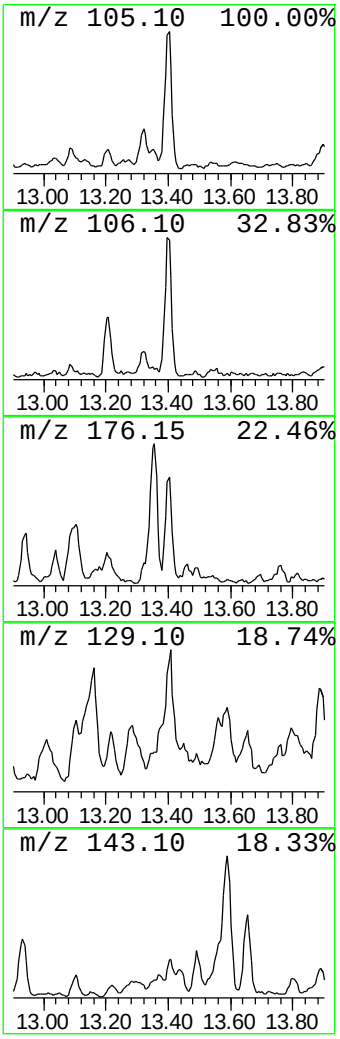
Peak Number 31 unknown-03 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	8.97 ng/ul	2086070	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	49
2	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	49
3	1-Methyl-4-n-hexylbenzene	176	C13H20	001595-01-3	38
4	(4-Methylphenyl) methanol, n-but...	178	C12H18O	1000374-65-5	35
5	(4-Methylphenyl) methanol, n-pro...	164	C11H16O	1000374-65-4	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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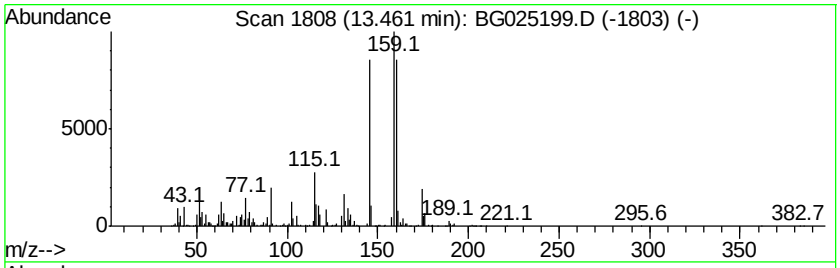
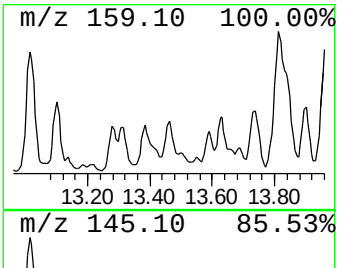
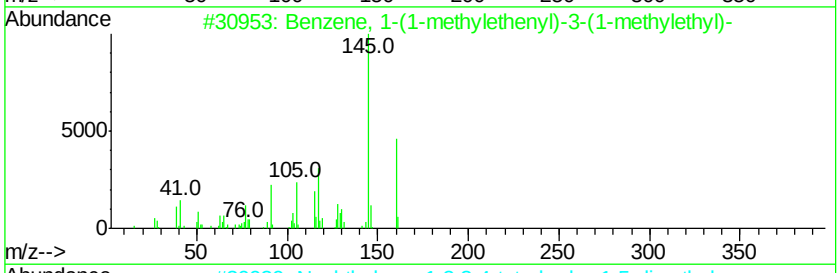
Peak Number 32 unknown-04 Concentration Rank 75

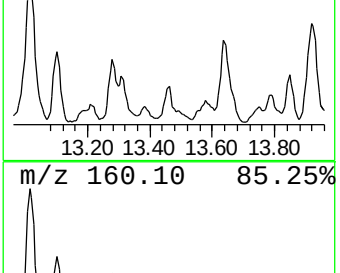
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	5.28 ng/ul	1229020	Acenaphthene-d10	14.87

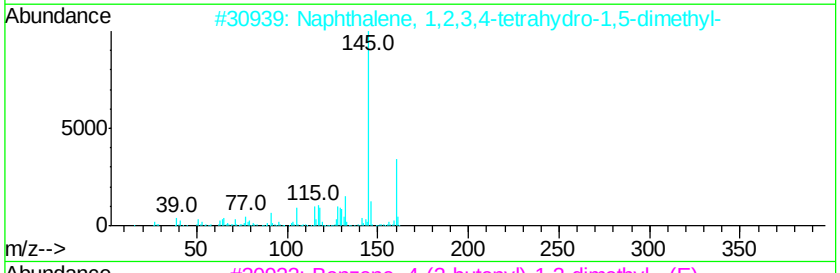
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	49
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	46
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
4	Ethanone, 1-(2-benzofuranyl)-	160	C10H8O2	001646-26-0	43
5	Thiophene, 2-phenyl-	160	C10H8S	000825-55-8	25

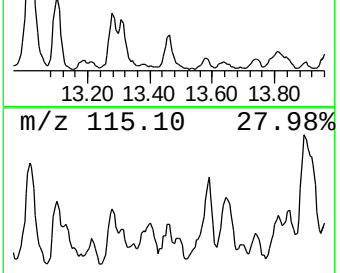


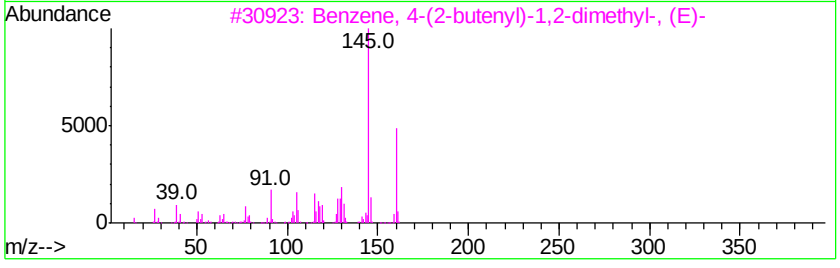


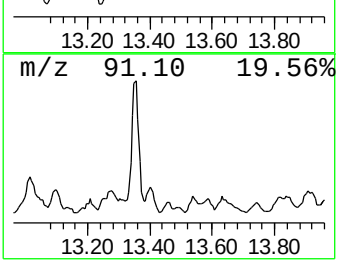












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

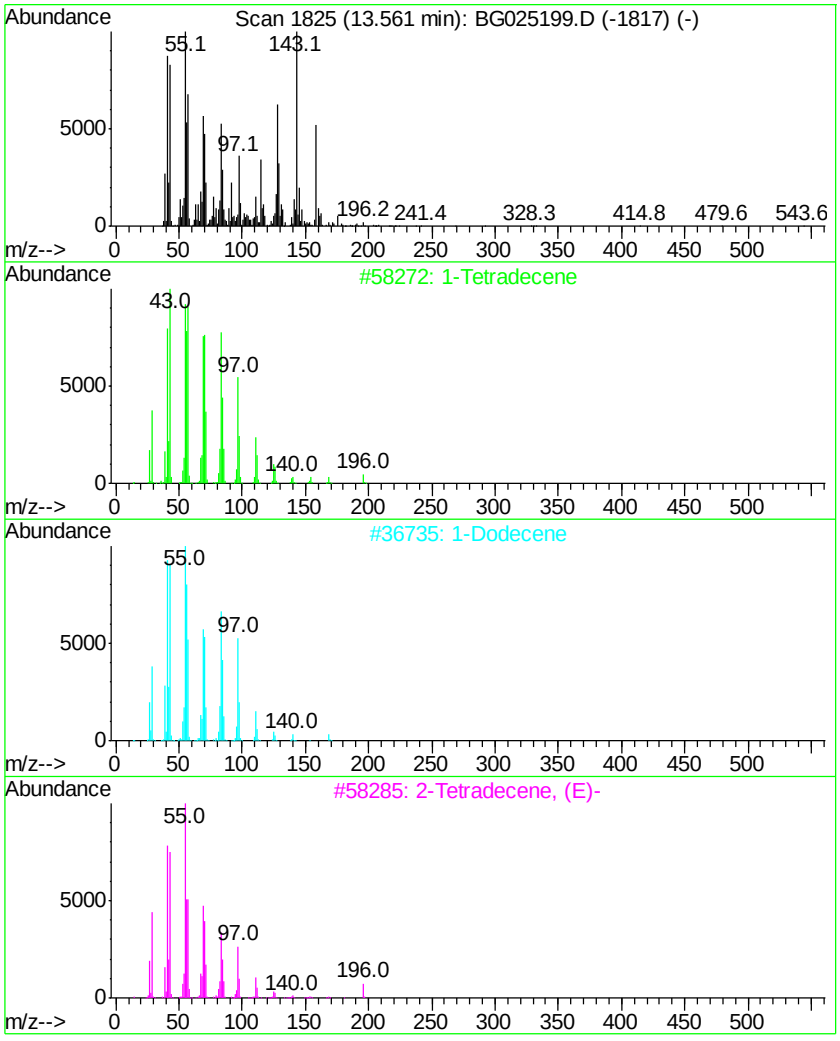
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

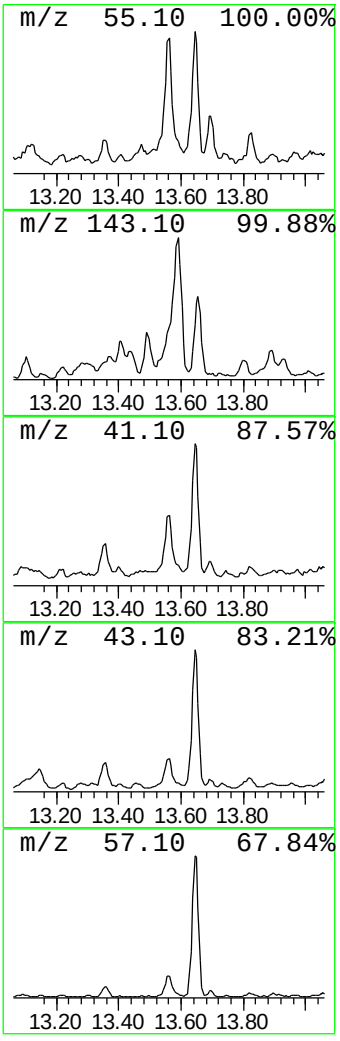
****

Peak Number 33 (DEL) Alkane: Cyclic13.56 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	15.09 ng/ul	3510980	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	89
2	1-Dodecene	168	C12H24	000112-41-4	89
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	76
4	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	50
5	1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

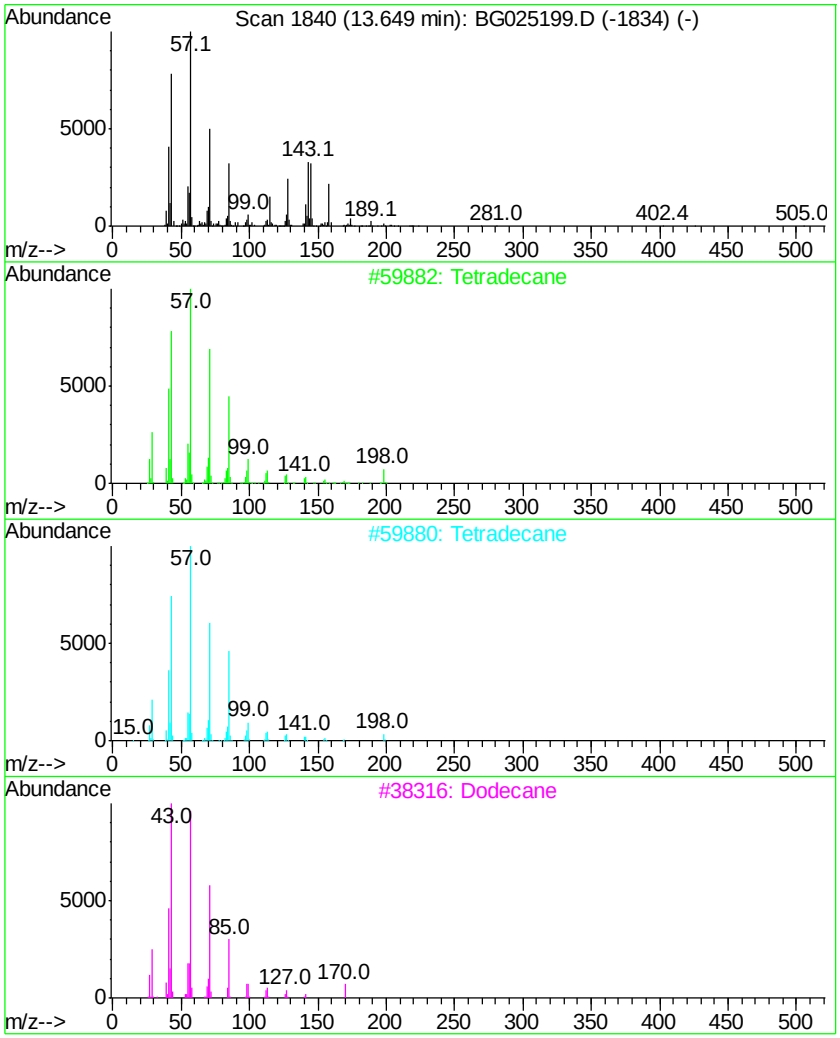
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

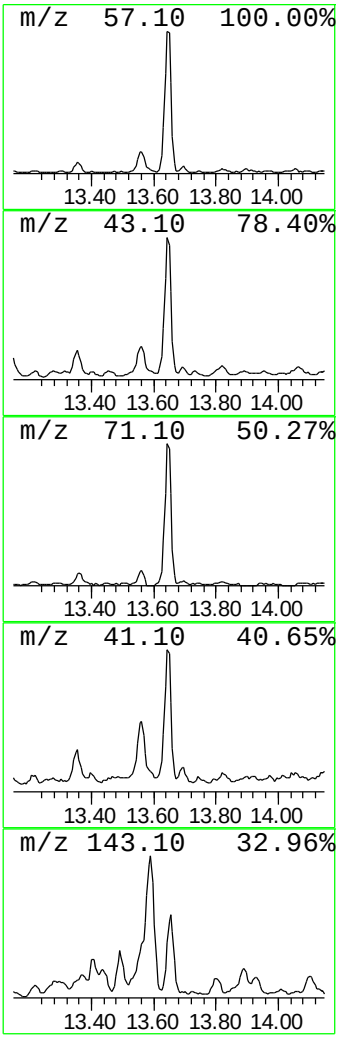
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	26.69 ng/ul	6209860	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	52
2	Tetradecane	198	C14H30	000629-59-4	46
3	Dodecane	170	C12H26	000112-40-3	41
4	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	38
5	Hexadecane	226	C16H34	000544-76-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

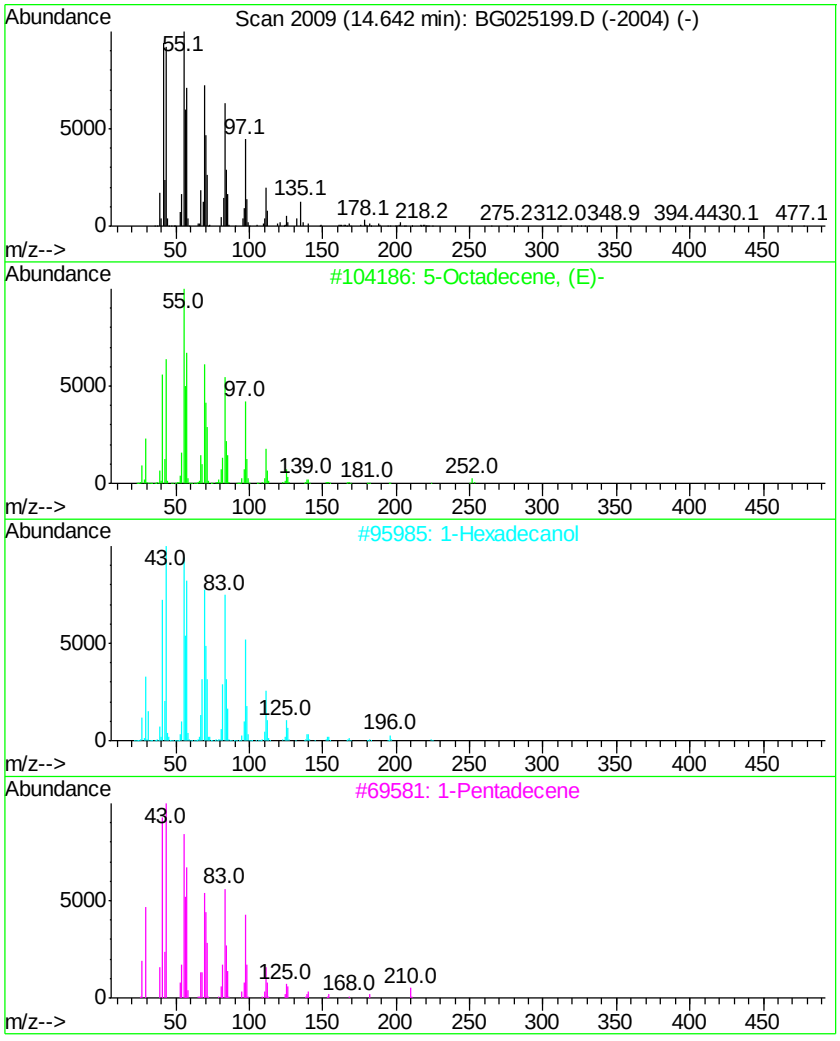
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

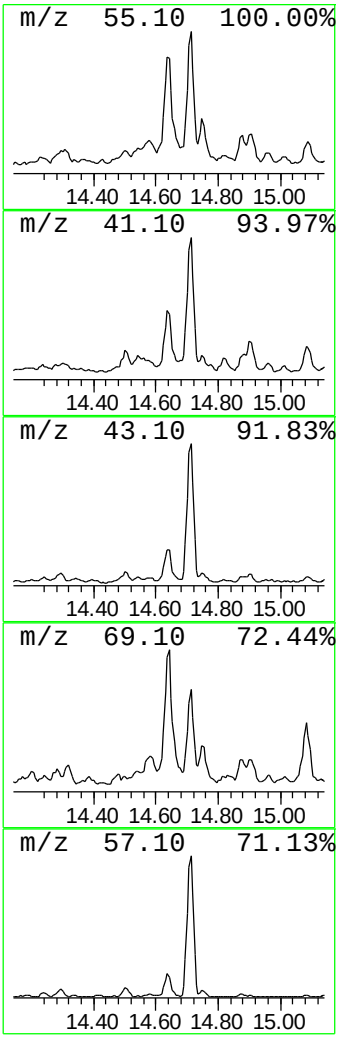
****

Peak Number 42 (DEL) Alkane: Cyclic14.64 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	10.25 ng/ul	2385900	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
2	1-Hexadecanol	242	C16H34O	036653-82-4	83
3	1-Pentadecene	210	C15H30	013360-61-7	83
4	1-Dodecene	168	C12H24	000112-41-4	83
5	1-Tridecene	182	C13H26	002437-56-1	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

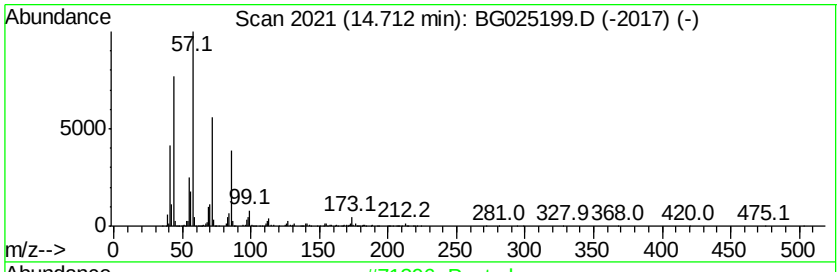
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

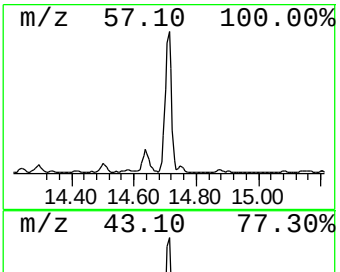
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	25.71 ng/ul	5982920	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Pentadecane	212	C15H32	000629-62-9	89
3	Hexadecane	226	C16H34	000544-76-3	87
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tetradecane	198	C14H30	000629-59-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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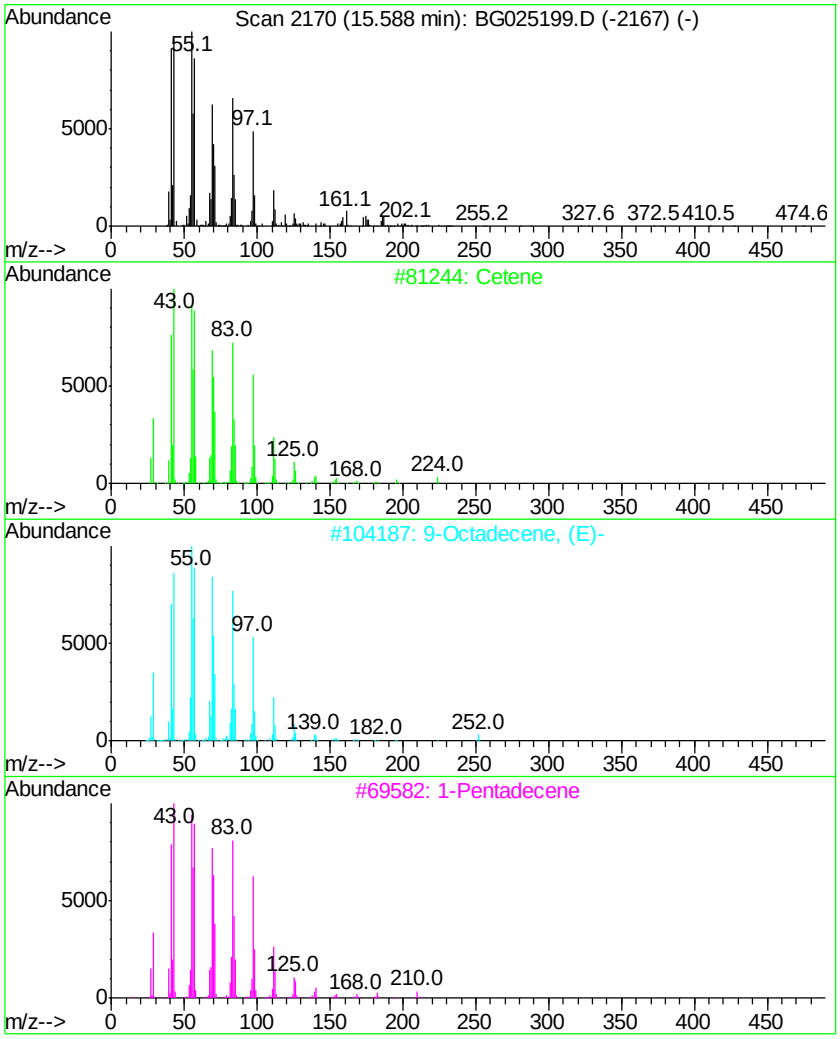
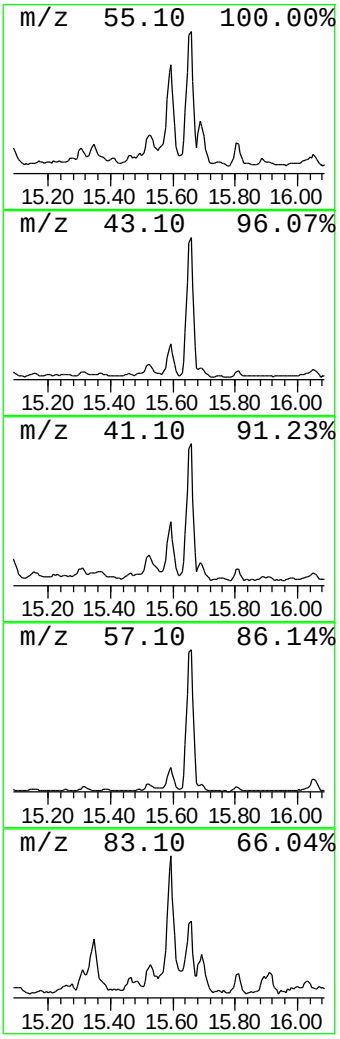
Peak Number 50 (DEL) Alkane: Cyclic15.59 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	16.48 ng/ul	3835280	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	99
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
3	1-Pentadecene	210	C15H30	013360-61-7	81
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	81
5	1-Pentadecene	210	C15H30	013360-61-7	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

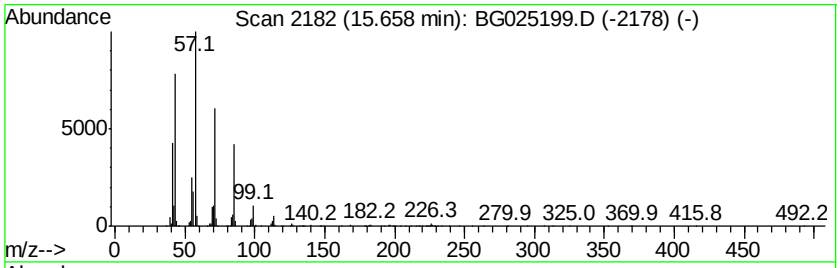
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

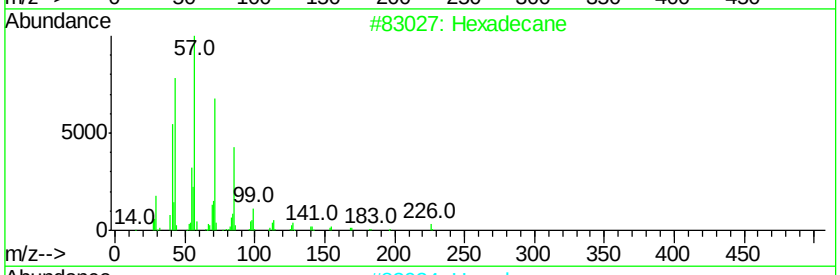
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

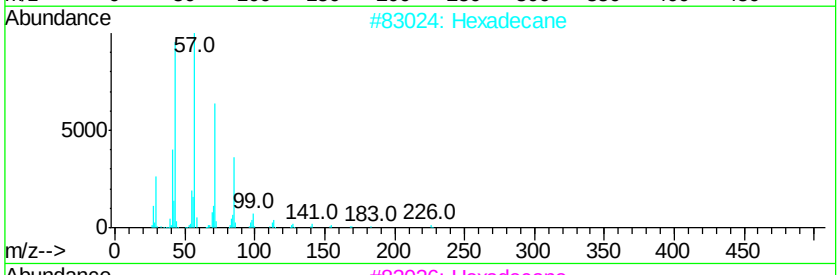
****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 12

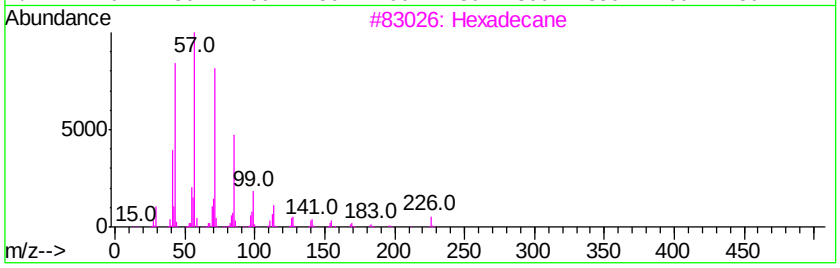
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	51.07 ng/ul	11883000	Acenaphthene-d10	14.87

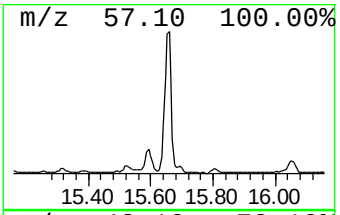
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90

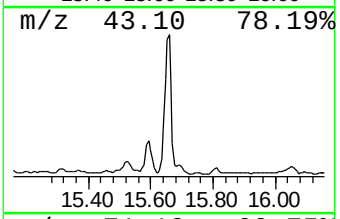


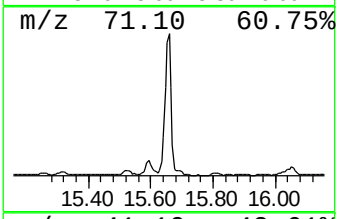


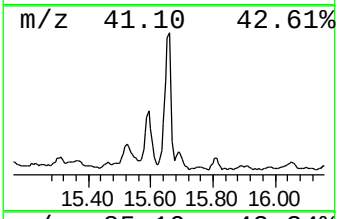


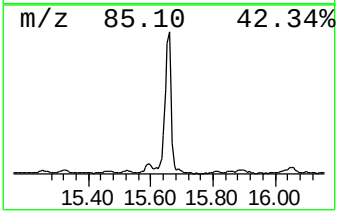












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

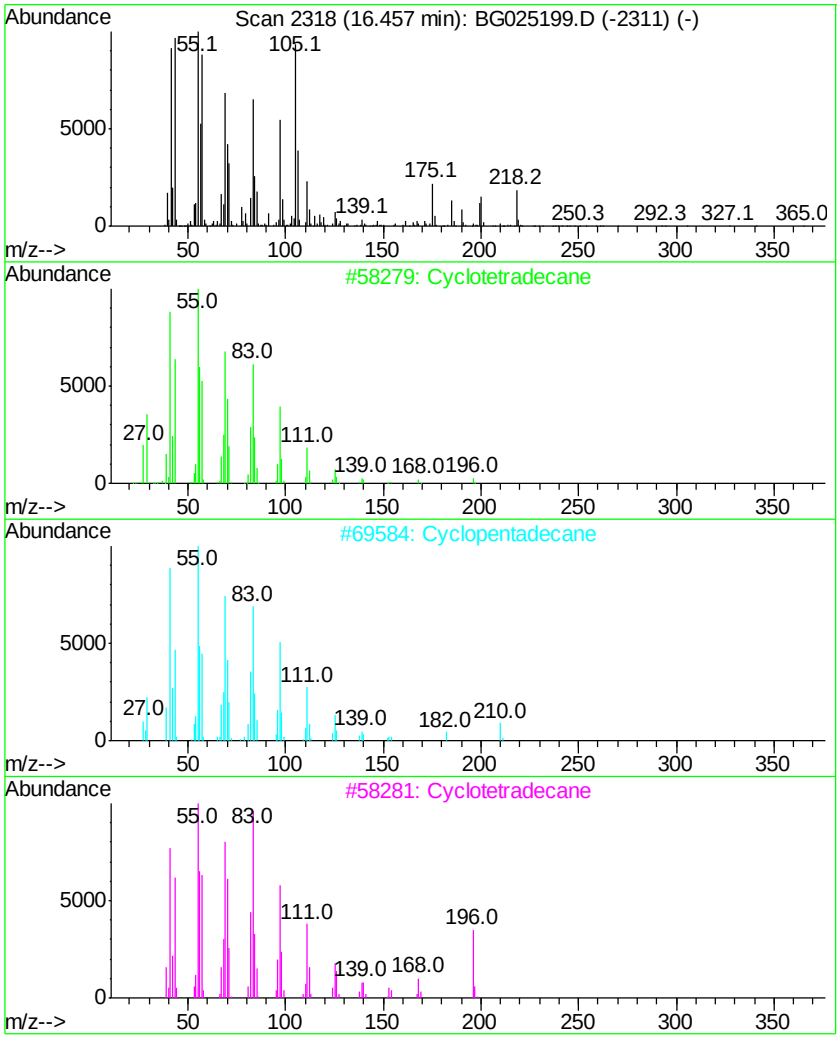
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

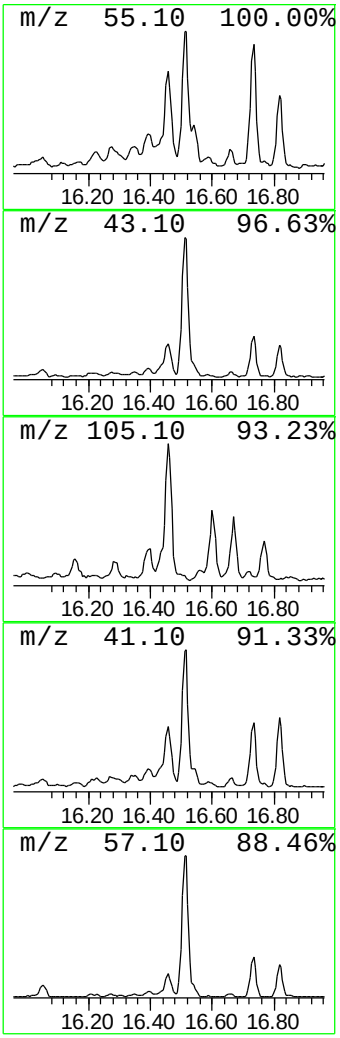
****

Peak Number 55 (DEL) Alkane: Cyclic16.46 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	88.70 ng/ul	5656240	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	86
2	Cyclopentadecane	210	C15H30	000295-48-7	86
3	Cyclotetradecane	196	C14H28	000295-17-0	83
4	Cetene	224	C16H32	000629-73-2	70
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	70





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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

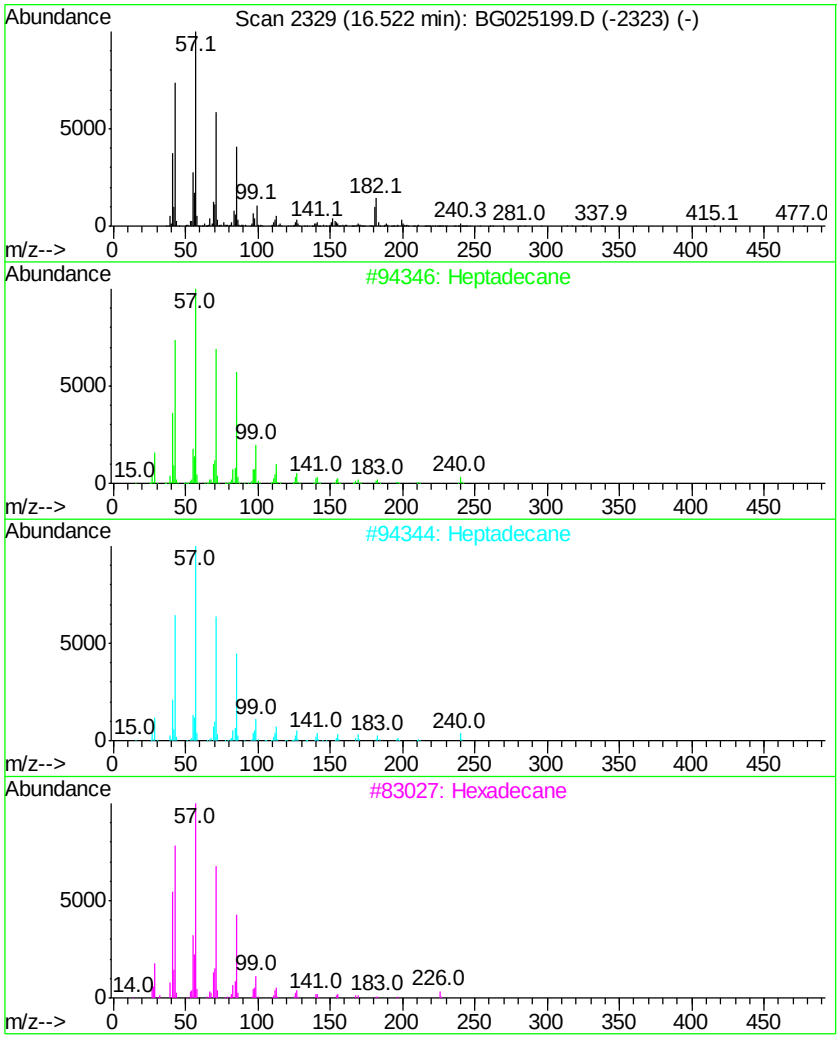
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

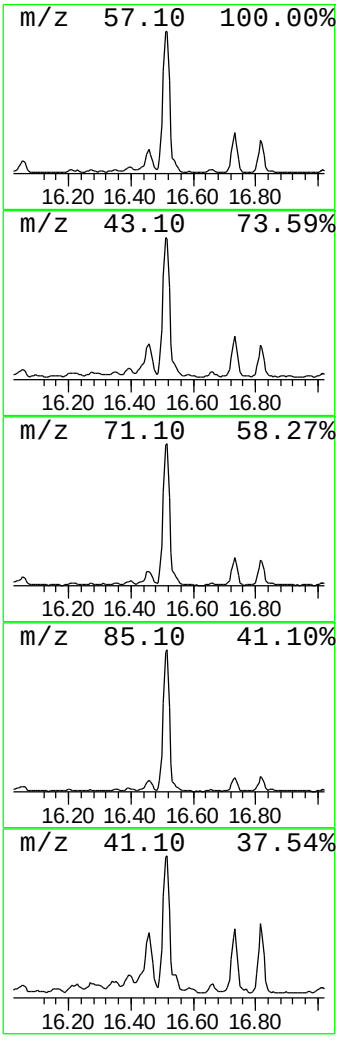
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	155.24 ng/ul	9899120	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	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

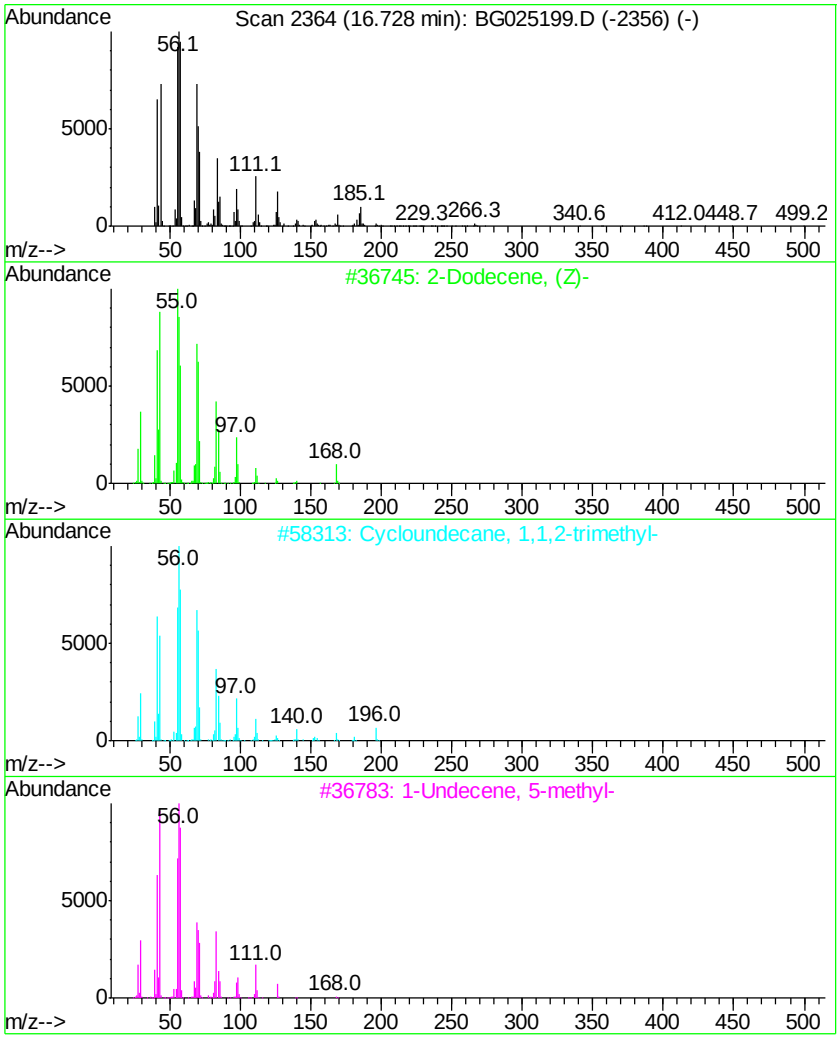
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

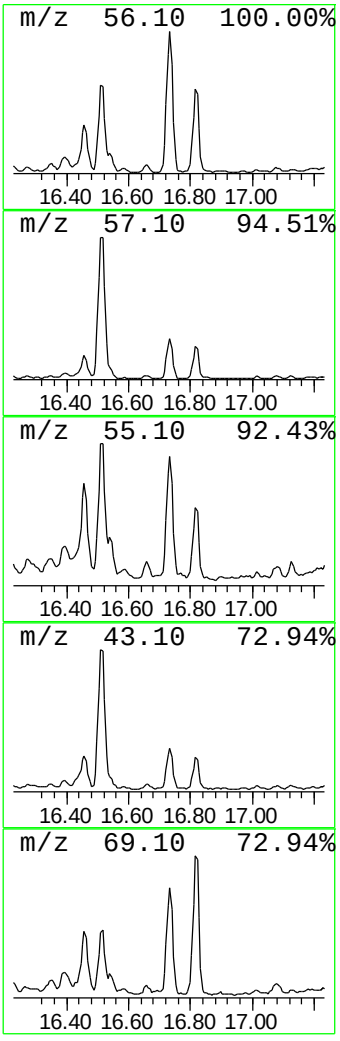
****

Peak Number 58 (DEL) Alkane: Cyclic16.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	91.34 ng/ul	5824530	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, (Z)-	168	C12H24	007206-26-0	64
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	64
3	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	55
4	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	53
5	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	52





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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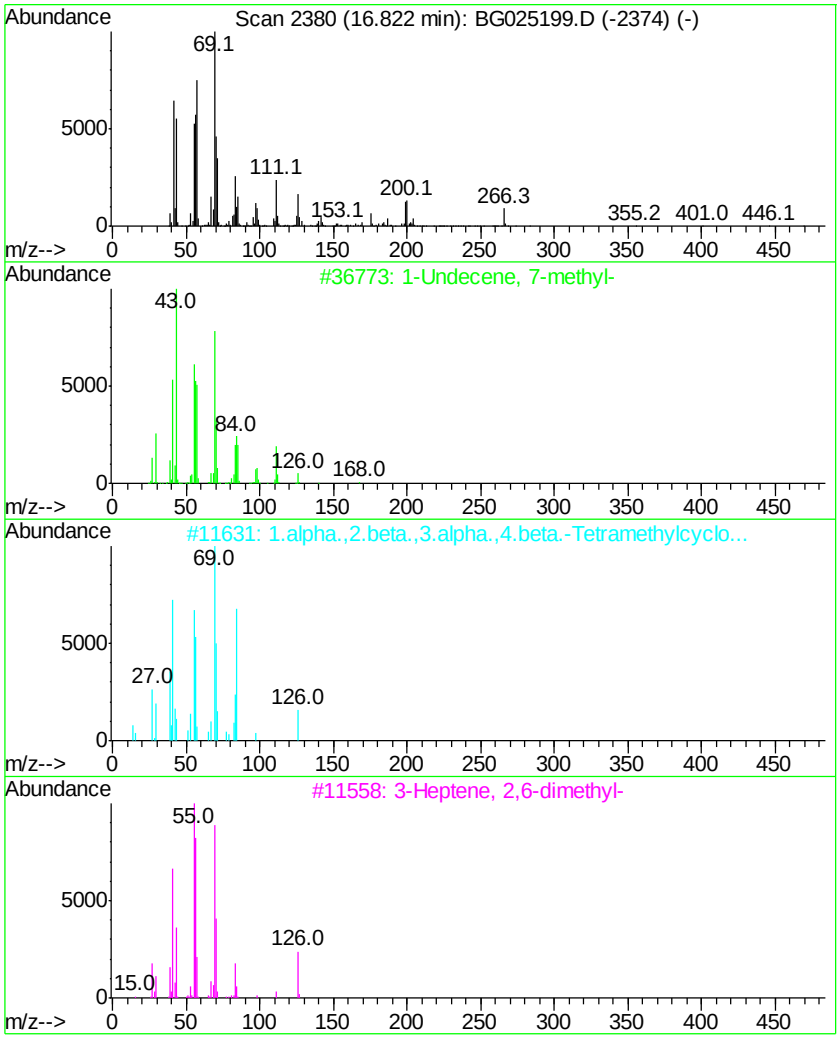
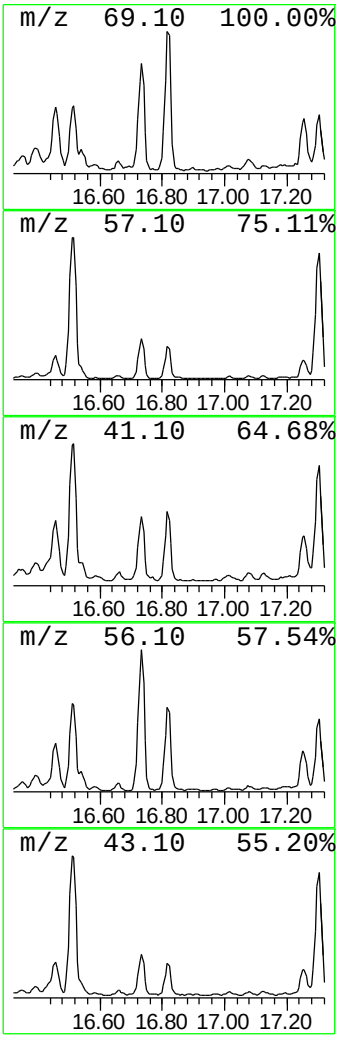
Peak Number 59 (DEL) Alkane: Cyclic16.82 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	72.08 ng/ul	4596410	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	87
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	68
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	64
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	62
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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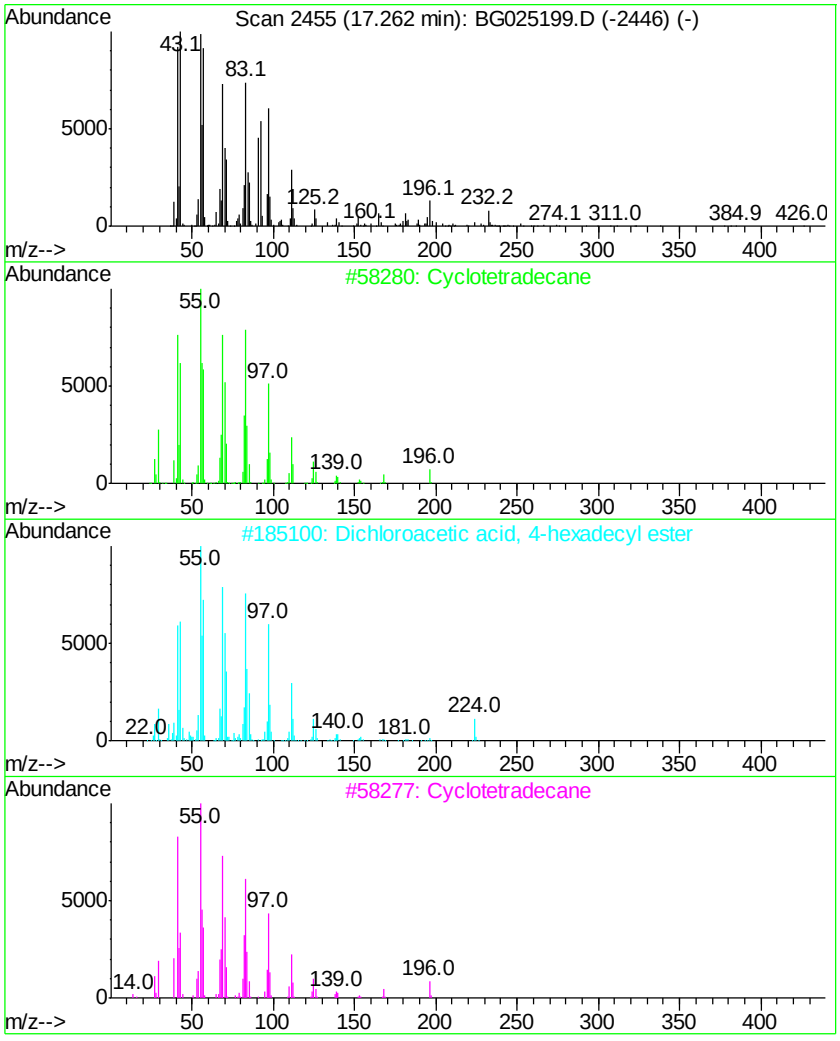
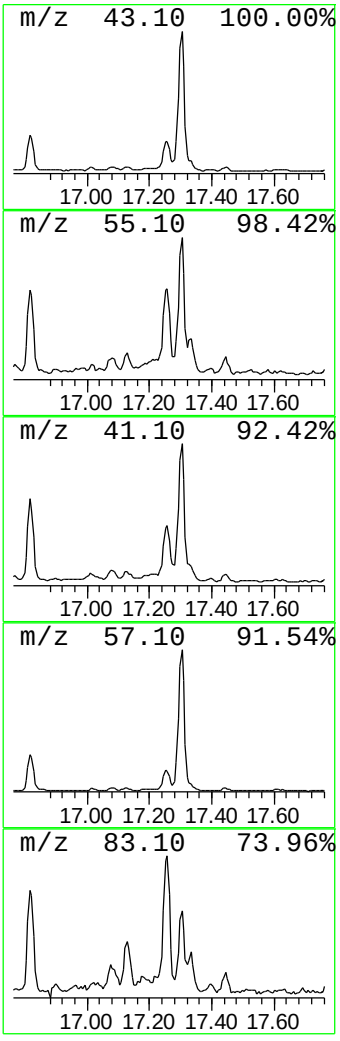
Peak Number 63 (DEL) Alkane: Cyclic17.26 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	50.13 ng/ul	3196570	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	94
3	Cyclotetradecane	196	C14H28	000295-17-0	93
4	1-Tridecene	182	C13H26	002437-56-1	93
5	7-Tetradecene, (E)-	196	C14H28	041446-63-3	93





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

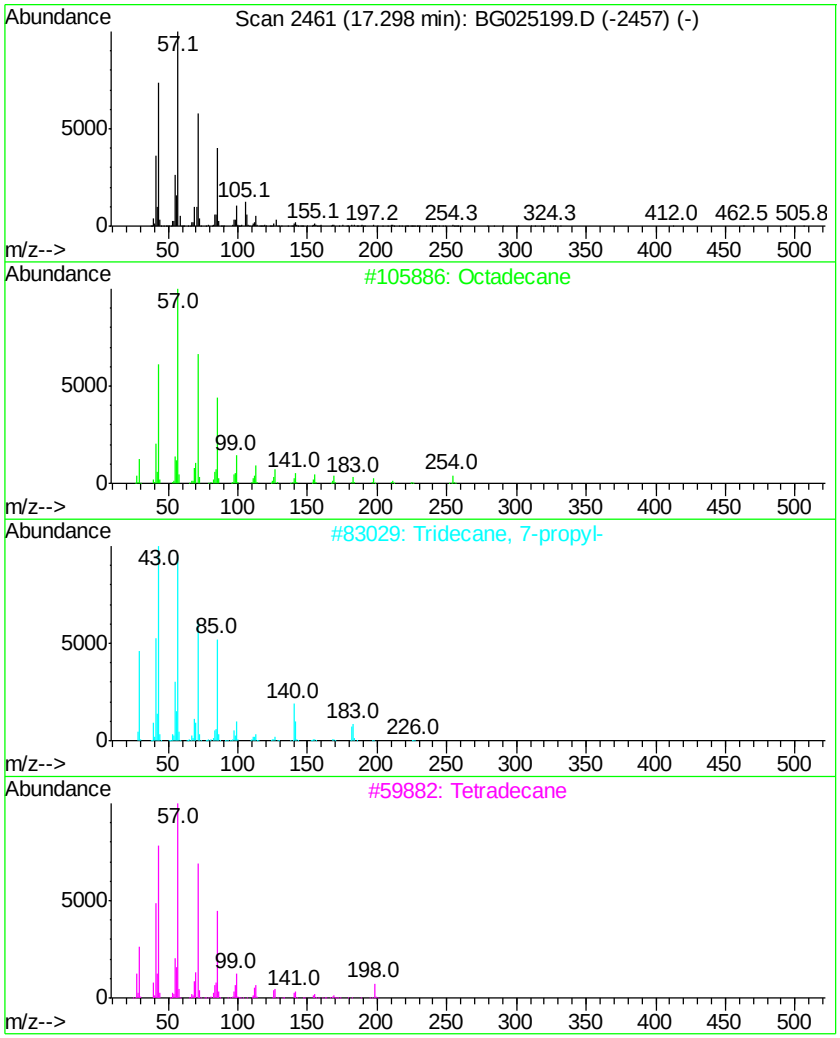
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

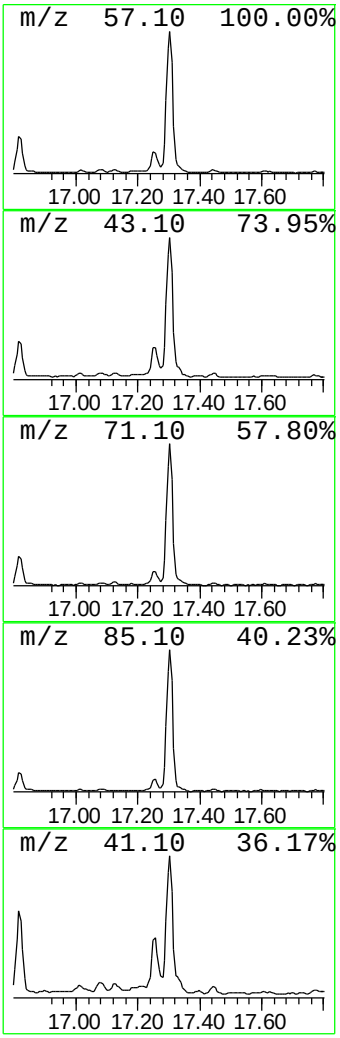
****

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	150.35 ng/ul	9587220	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
3	Tetradecane	198	C14H30	000629-59-4	93
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

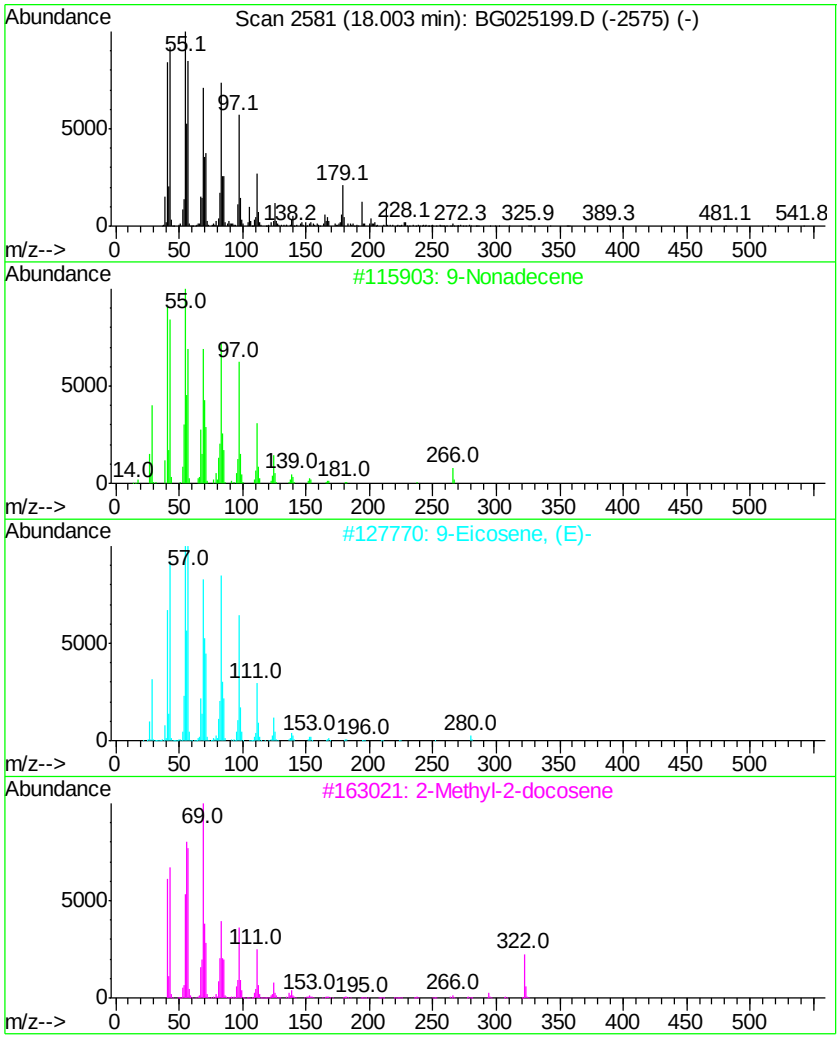
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

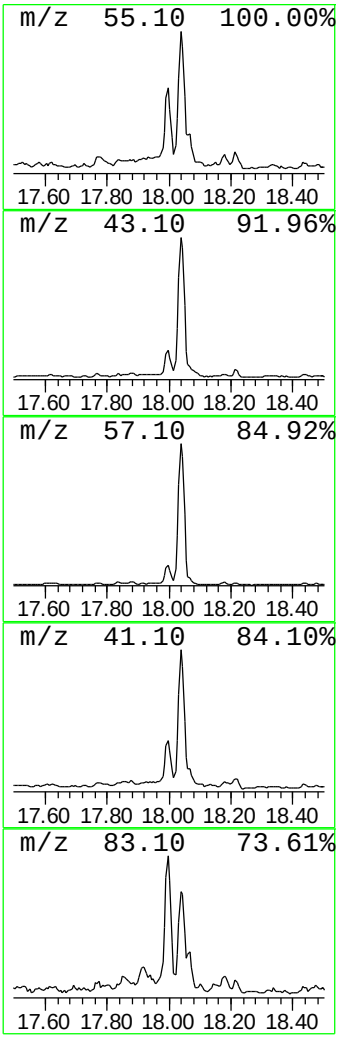
****

Peak Number 66 (DEL) Alkane: Cyclic18.00 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	29.95 ng/ul	1909940	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene	266	C19H38	031035-07-1	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	2-Methyl-2-docosene	322	C23H46	1000131-16-9	92
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	90
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

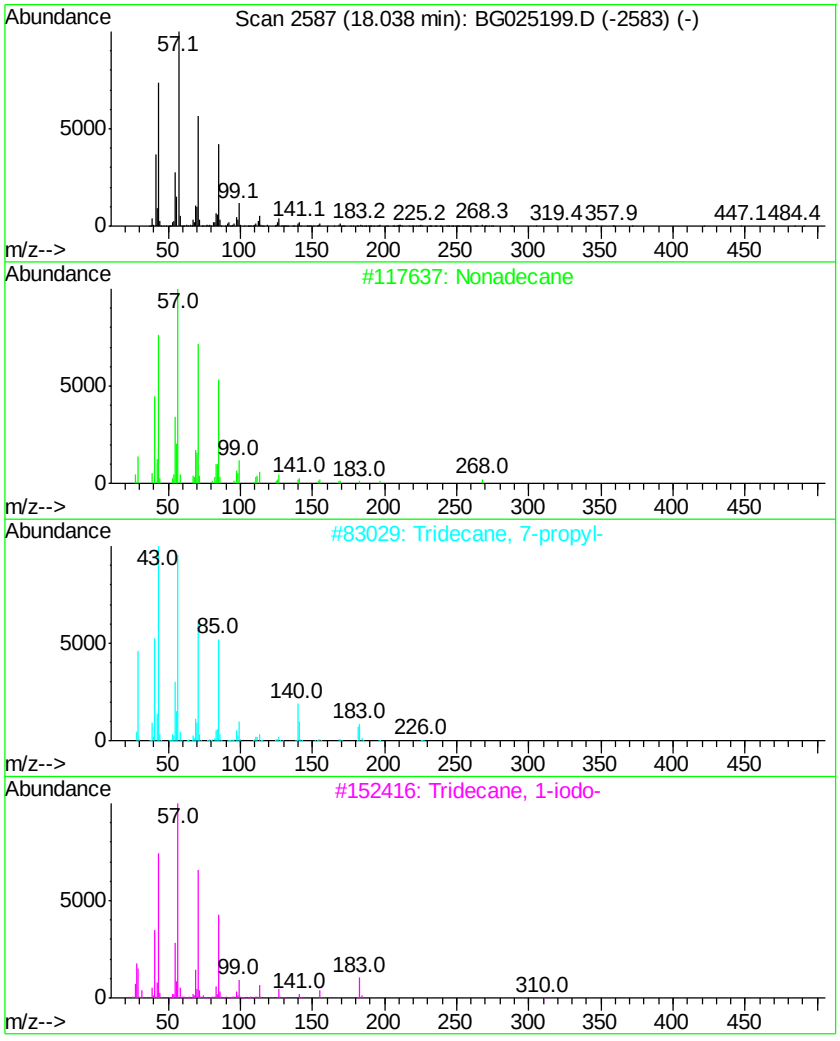
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

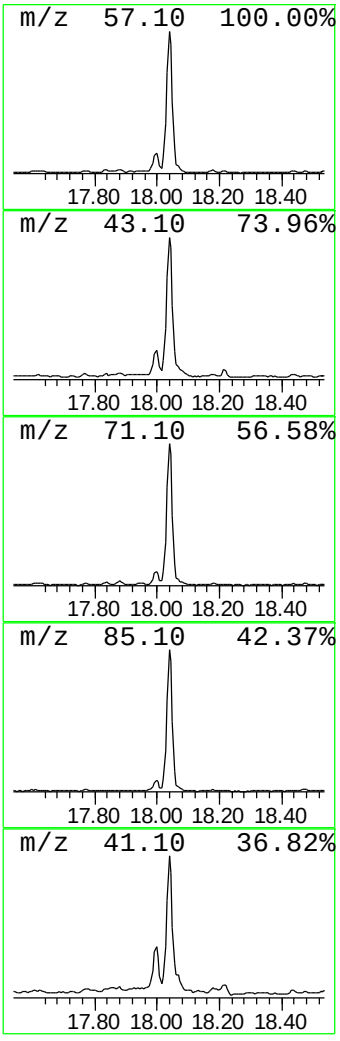
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	125.03 ng/ul	7972990	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

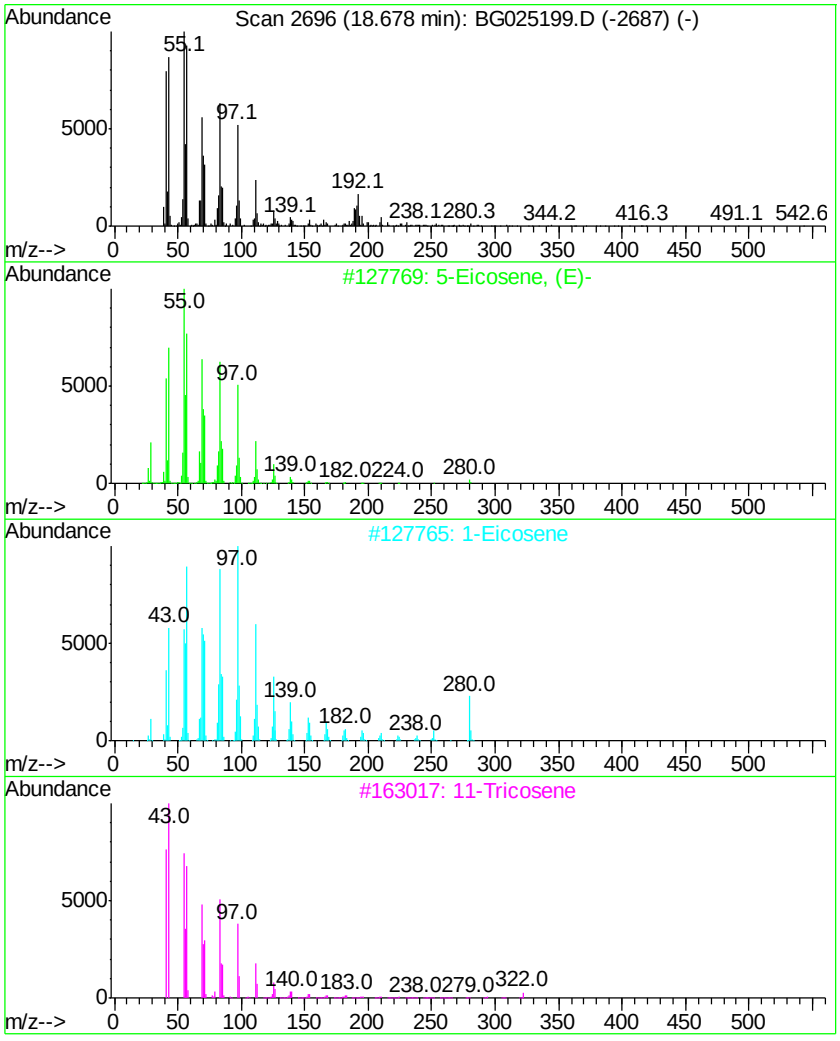
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

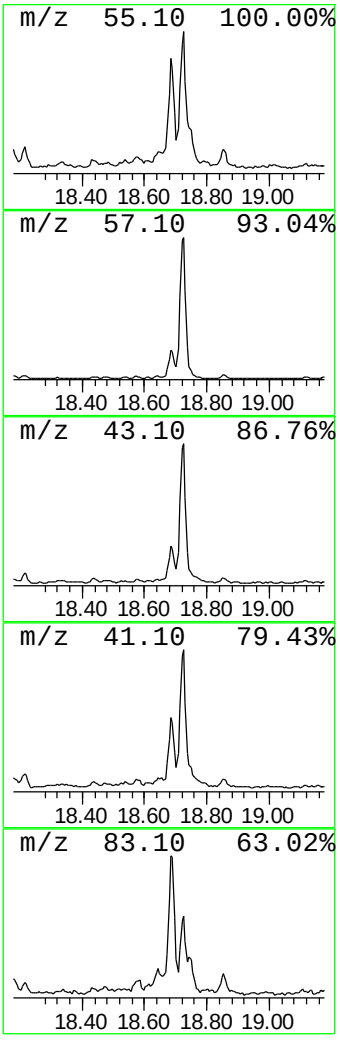
****

Peak Number 68 (DEL) Alkane: Cyclic18.68 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	43.65 ng/ul	2783640	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	1-Eicosene	280	C20H40	003452-07-1	93
3	11-Tricosene	322	C23H46	052078-56-5	91
4	1-Octadecene	252	C18H36	000112-88-9	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





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Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

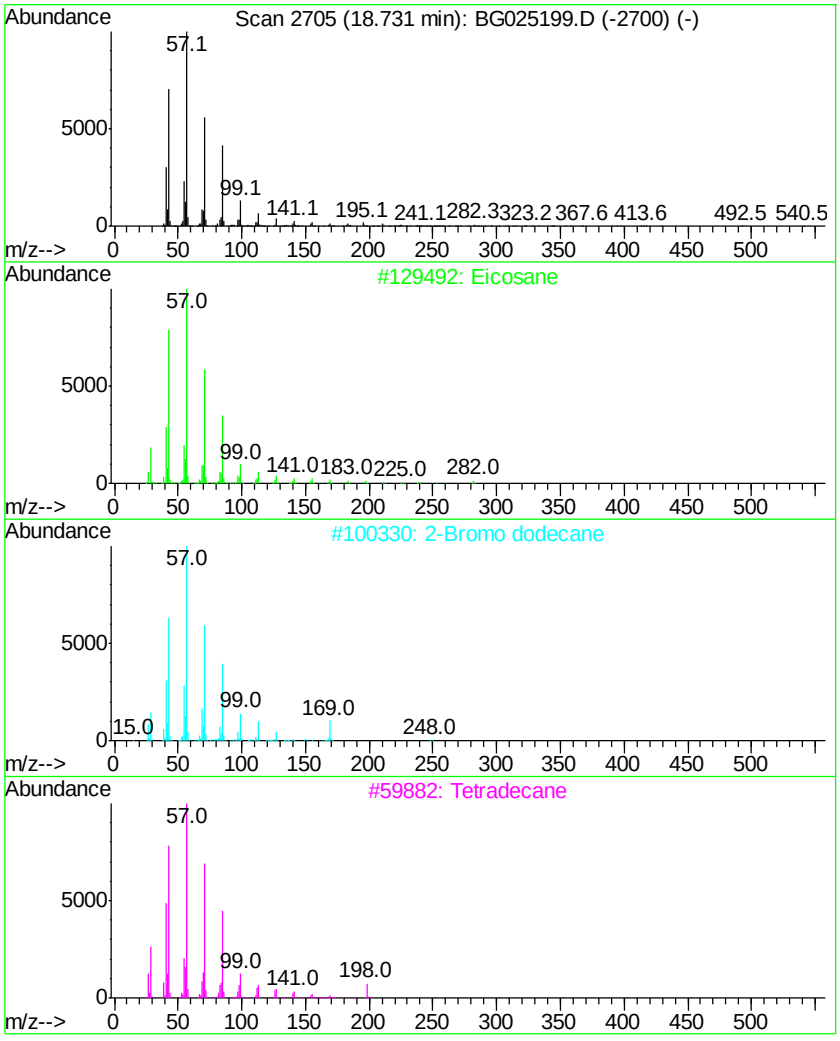
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

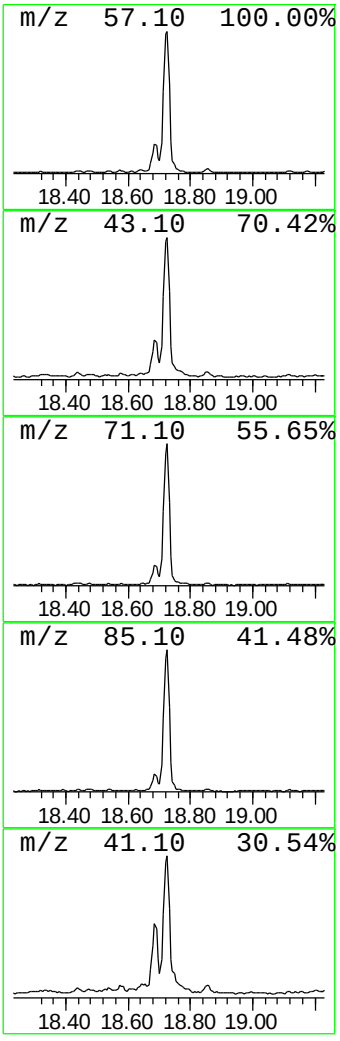
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	93.89 ng/ul	5987240	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Tetradecane	198	C14H30	000629-59-4	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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

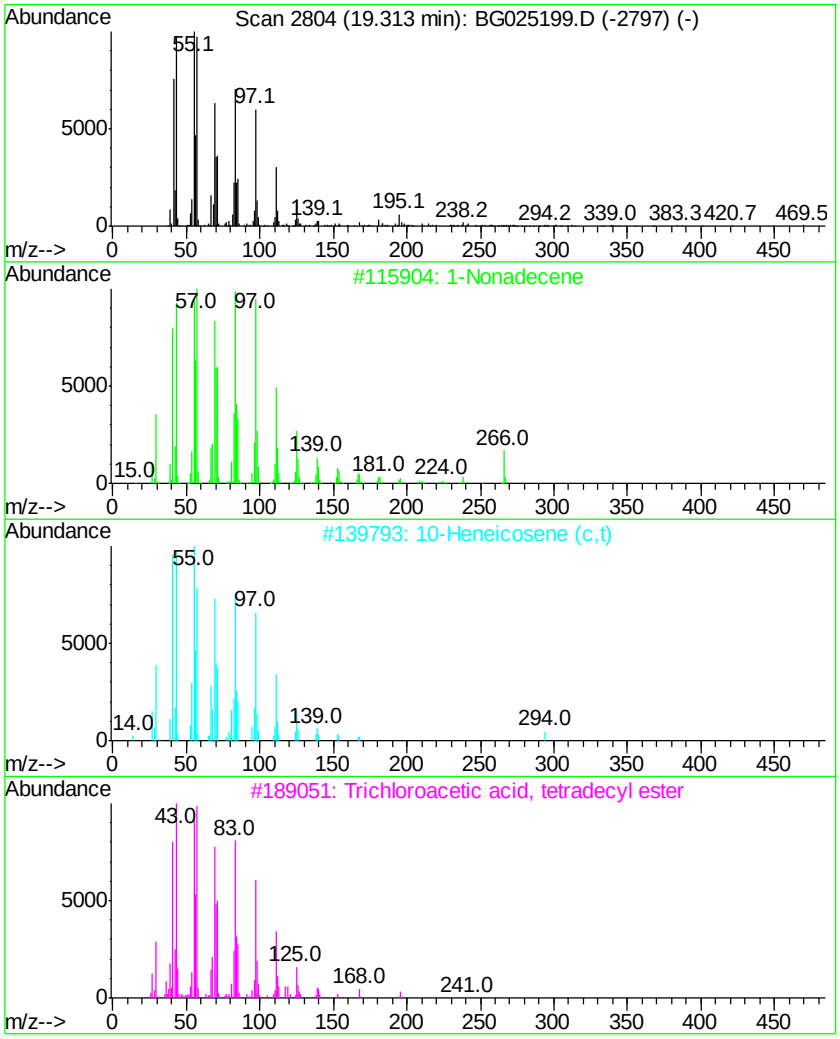
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

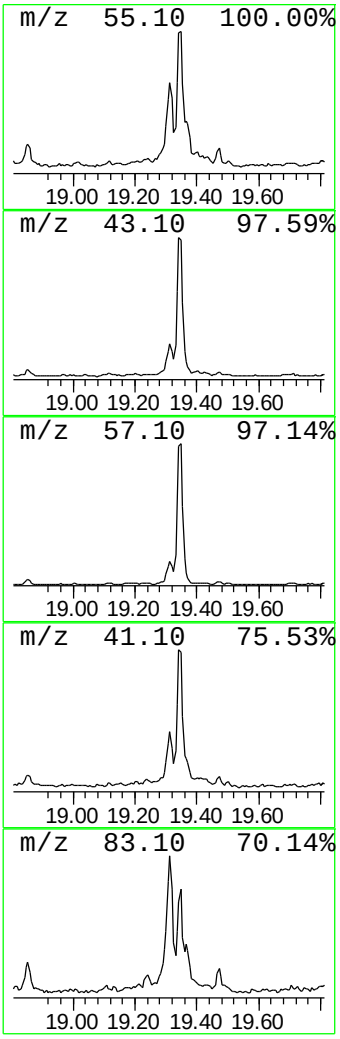
****

Peak Number 70 (DEL) Alkane: Cyclic19.31 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	21.38 ng/ul	1363300	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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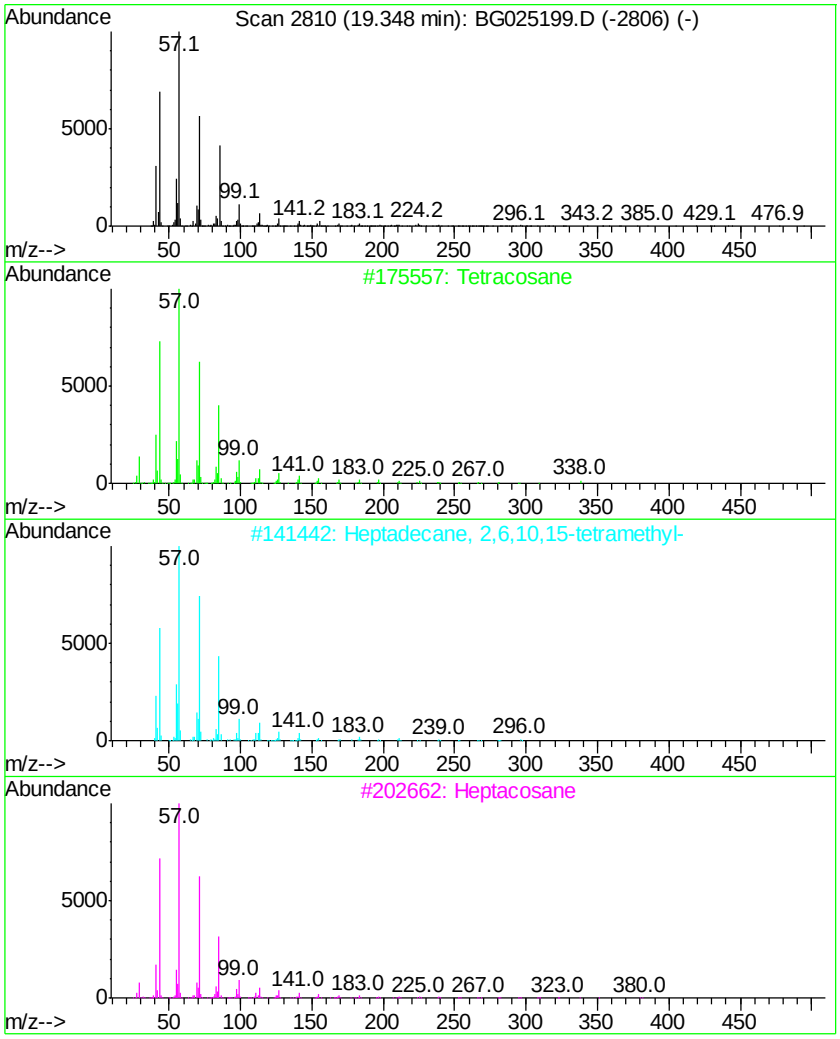
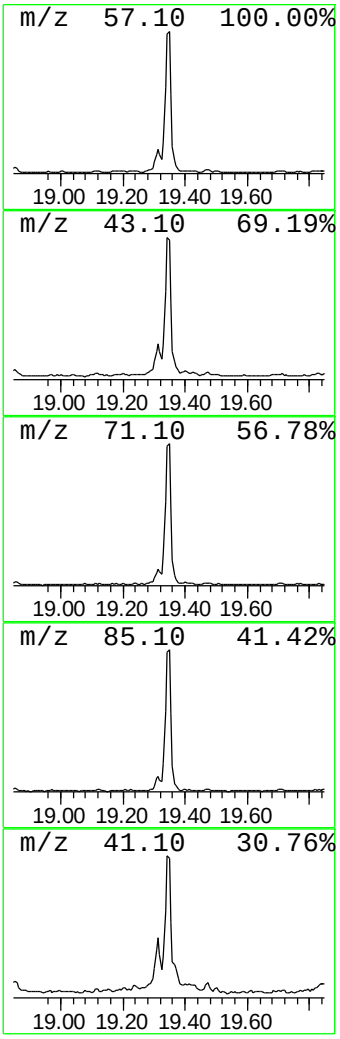
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	66.80 ng/ul	4259650	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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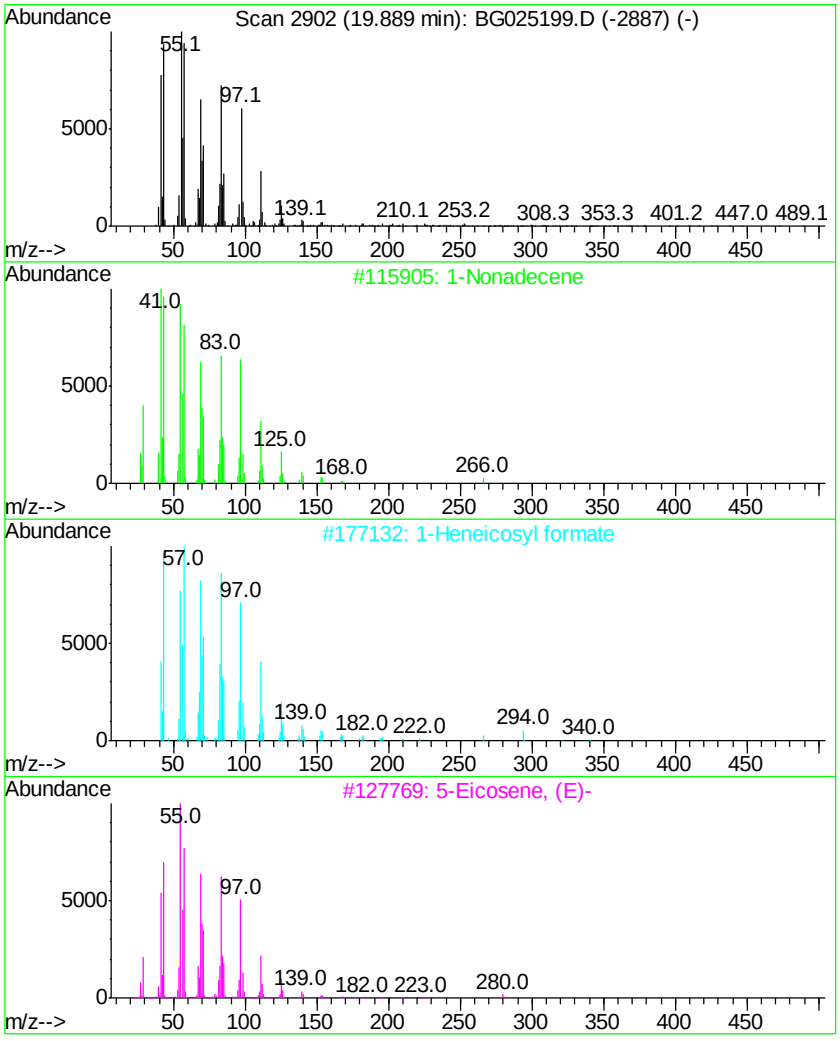
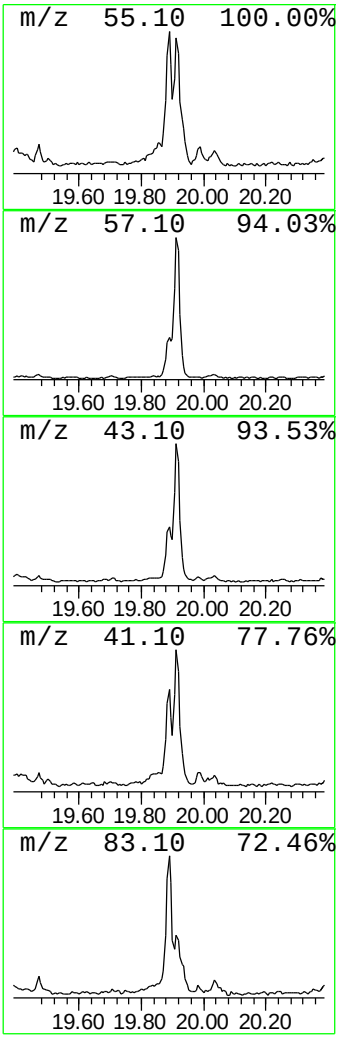
Peak Number 72 (DEL) Alkane: Cyclic19.89 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	24.22 ng/ul	2455910	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

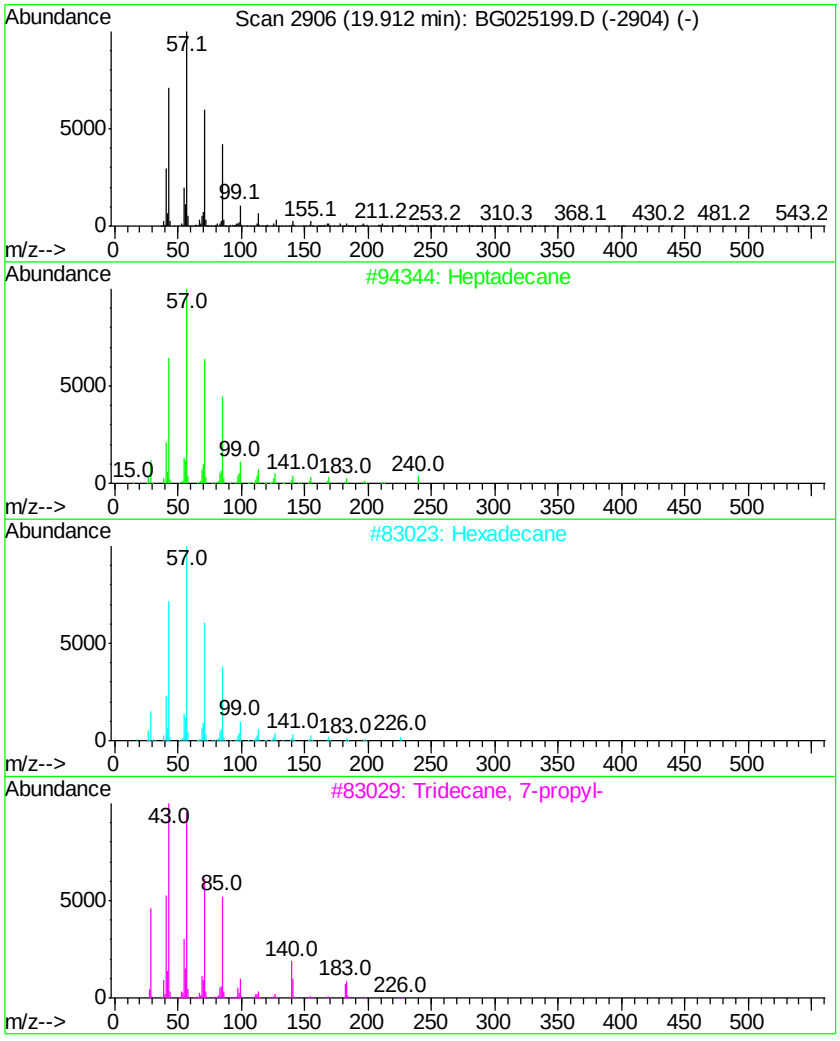
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

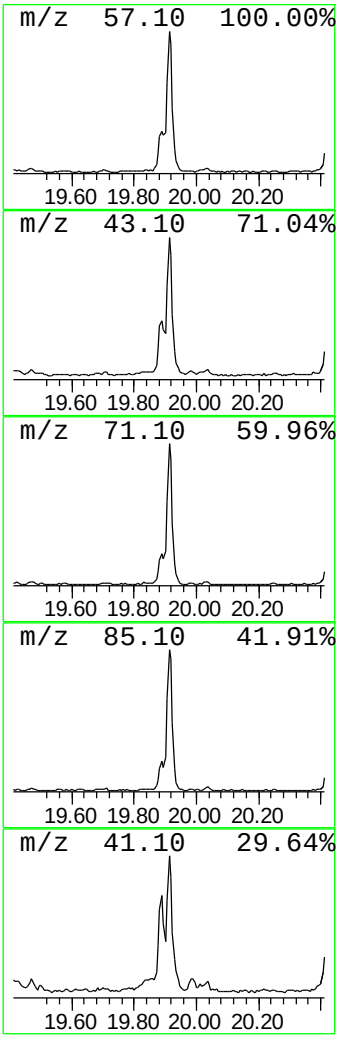
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	29.04 ng/ul	2944440	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Docosane	310	C22H46	000629-97-0	76
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

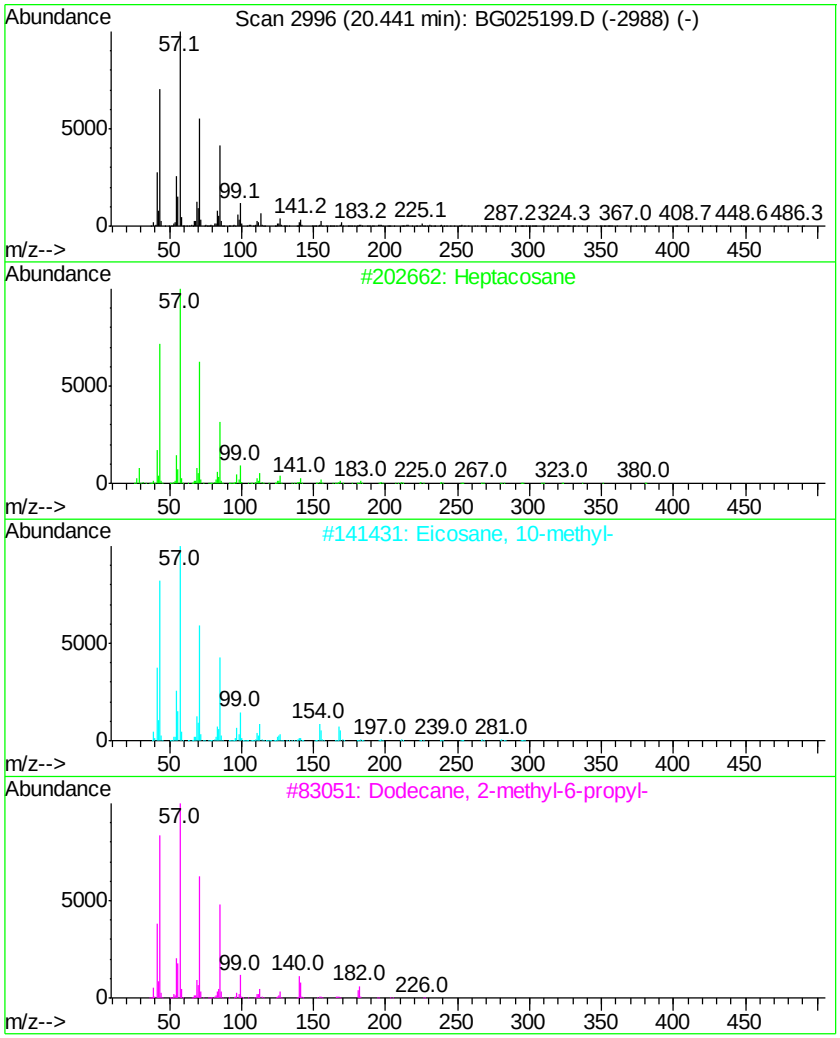
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

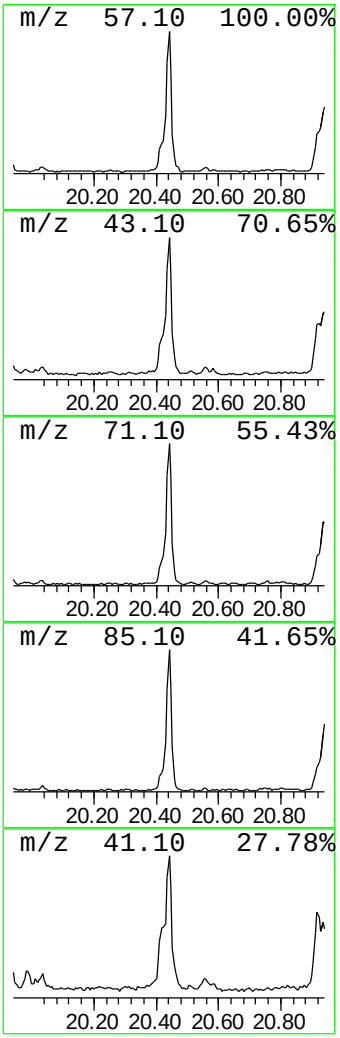
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	33.05 ng/ul	3350970	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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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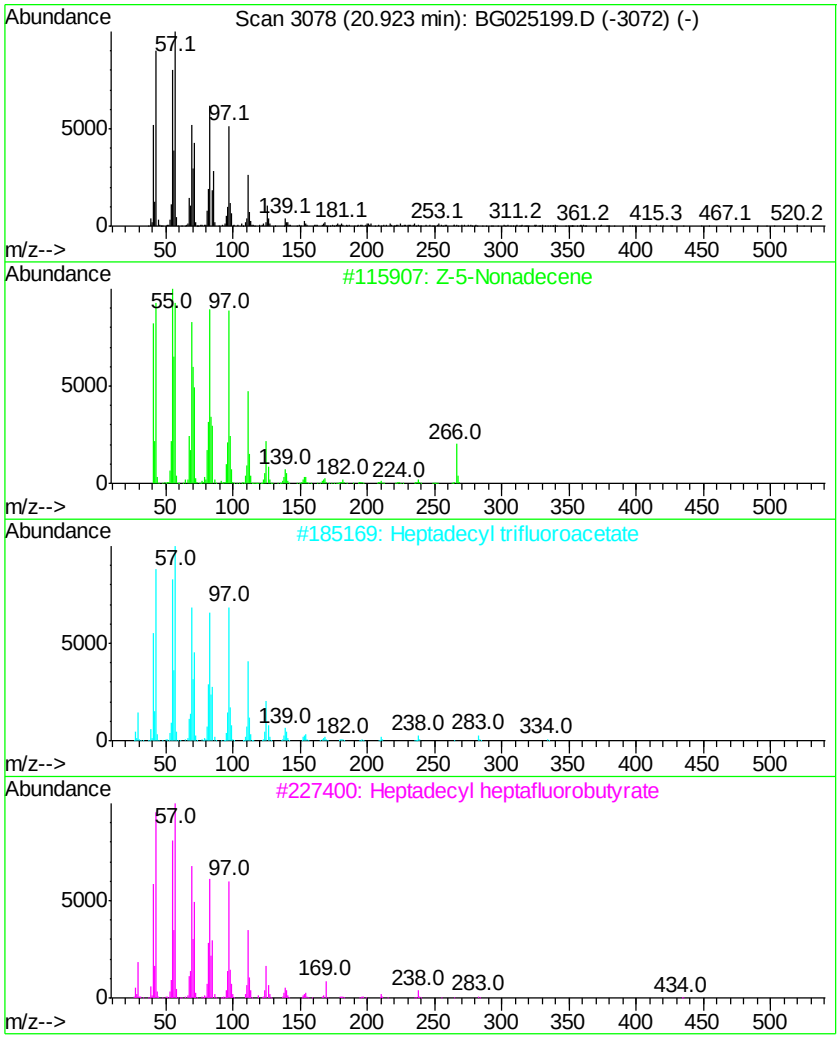
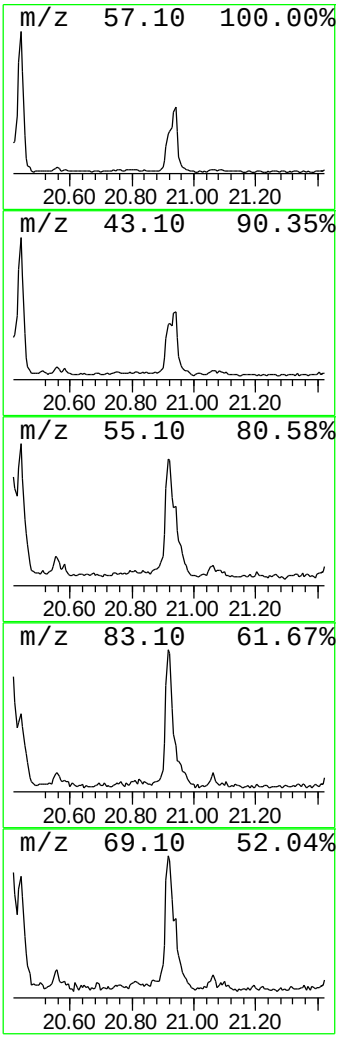
Peak Number 75 (DEL) Alkane: Cyclic20.92 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	28.80 ng/ul	2920080	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	96
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025199.D
Acq On : 15 Dec 2016 6:08
Operator : UM/SJ
Sample : H5970-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848

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...	7.87	20.0	ng/ul	1706160	1	8.24	1706160	20.0
Benzenepropanal	8.87	20.1	ng/ul	1714700	1	8.24	1706160	20.0
Benzene, 4-ethyl-...	9.34	14.9	ng/ul	1268890	1	8.24	1706160	20.0
Benzofuran, 7-met...	9.71	9.8	ng/ul	1555210	2	11.06	3170690	20.0
Benzofuran, 2-met...	9.79	17.3	ng/ul	2742220	2	11.06	3170690	20.0
Benzene, 1-butynyl-	10.46	25.5	ng/ul	4036680	2	11.06	3170690	20.0
1H-Indene, 1,1-di...	10.89	7.7	ng/ul	1215750	2	11.06	3170690	20.0
(DEL) Alkane: Str...	10.99	15.7	ng/ul	2487000	2	11.06	3170690	20.0
1H-Benzimidazole,...	11.30	47.7	ng/ul	7565140	2	11.06	3170690	20.0
2-Propenal, 2-met...	11.43	32.0	ng/ul	5074950	2	11.06	3170690	20.0
Benzofuran, 4,7-d...	11.48	66.6	ng/ul	10555800	2	11.06	3170690	20.0
3-Buten-2-one, 4-...	11.54	22.2	ng/ul	3515970	2	11.06	3170690	20.0
1H-Indazole, 5,7-...	11.82	8.1	ng/ul	1284890	2	11.06	3170690	20.0
2-Propenal, 3-(4-...	11.96	7.9	ng/ul	1251240	2	11.06	3170690	20.0
Furan, 2,2'-methy...	12.07	13.7	ng/ul	2176700	2	11.06	3170690	20.0
1H-Indene, 4,7-di...	12.15	9.2	ng/ul	1454860	2	11.06	3170690	20.0
1H-Indene, 2,3-di...	12.20	8.6	ng/ul	1362570	2	11.06	3170690	20.0
Ethanone, 1-[4-(1...	12.37	8.2	ng/ul	1303750	2	11.06	3170690	20.0
(DEL) Alkane: Str...	12.42	23.1	ng/ul	3662790	2	11.06	3170690	20.0
1H-Indene, 2,3-di...	12.52	8.9	ng/ul	1414100	2	11.06	3170690	20.0
Ethanone, 1-(2,3-...	12.59	16.2	ng/ul	2565220	2	11.06	3170690	20.0
Benzene, 1-(2-but...	12.79	28.8	ng/ul	4566510	2	11.06	3170690	20.0
unknown-01	12.87	68.8	ng/ul	10911000	2	11.06	3170690	20.0
Naphthalene, 1-me...	12.93	51.6	ng/ul	8182950	2	11.06	3170690	20.0
2,5,6-Trimethylbe...	13.01	29.7	ng/ul	6917240	3	14.87	4653530	20.0
unknown-02	13.21	6.1	ng/ul	1409930	3	14.87	4653530	20.0
Benzene, heptyl-	13.36	7.6	ng/ul	1765370	3	14.87	4653530	20.0
unknown-03	13.40	9.0	ng/ul	2086070	3	14.87	4653530	20.0
unknown-04	13.46	5.3	ng/ul	1229020	3	14.87	4653530	20.0
(DEL) Alkane: Cyc...	13.56	15.1	ng/ul	3510980	3	14.87	4653530	20.0
(DEL) Alkane: Str...	13.65	26.7	ng/ul	6209860	3	14.87	4653530	20.0
(DEL) Alkane: Cyc...	14.64	10.3	ng/ul	2385900	3	14.87	4653530	20.0
(DEL) Alkane: Str...	14.71	25.7	ng/ul	5982920	3	14.87	4653530	20.0
(DEL) Alkane: Cyc...	15.59	16.5	ng/ul	3835280	3	14.87	4653530	20.0
(DEL) Alkane: Str...	15.66	51.1	ng/ul	11883000	3	14.87	4653530	20.0
(DEL) Alkane: Cyc...	16.46	88.7	ng/ul	5656240	4	17.61	1275370	20.0
(DEL) Alkane: Str...	16.52	155.2	ng/ul	9899120	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	16.73	91.3	ng/ul	5824530	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	16.82	72.1	ng/ul	4596410	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	17.26	50.1	ng/ul	3196570	4	17.61	1275370	20.0
(DEL) Alkane: Str...	17.30	150.3	ng/ul	9587220	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	18.00	29.9	ng/ul	1909940	4	17.61	1275370	20.0
(DEL) Alkane: Str...	18.04	125.0	ng/ul	7972990	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	18.68	43.6	ng/ul	2783640	4	17.61	1275370	20.0
(DEL) Alkane: Str...	18.73	93.9	ng/ul	5987240	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	19.31	21.4	ng/ul	1363300	4	17.61	1275370	20.0
(DEL) Alkane: Str...	19.35	66.8	ng/ul	4259650	4	17.61	1275370	20.0
(DEL) Alkane: Cyc...	19.89	24.2	ng/ul	2455910	5	21.90	2028100	20.0
(DEL) Alkane: Str...	19.91	29.0	ng/ul	2944440	5	21.90	2028100	20.0

(DEL) Alkane: Str...	20.44	33.0	ng/ul	3350970	5	21.90	2028100	20.0
(DEL) Alkane: Cyc...	20.92	28.8	ng/ul	2920080	5	21.90	2028100	20.0

Instrument :
BNA_G
ClientSampleId :
DA848