LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.627	392	398	408	rVB2	1203858	2111047	14.41%	0.805%
2	6.596	559	563	568	rVV	403043	666122	4.55%	0.254%
3	6.696	574	580	588	rVB4	428202	1027590	7.01%	0.392%
4	7.037	633	638	644	rVV2	653188	1260555	8.60%	0.480%
5	7.231	661	671	677	rBV2	1146677	3319162	22.65%	1.265%
6	7.460	703	710	715	rBV	542628	1056354	7.21%	0.403%
7	7.613	730	736	748	rVB	1222222	2430743	16.59%	0.926%
8	7.724	748	755	761	rBV	1816899	3289844	22.45%	1.254%
9	7.971	786	797	801	rBV3	427258	1122536	7.66%	0.428%
10	8.024	801	806	813	rVB	1032726	1771818	12.09%	0.675%
11	8.194	829	835	840	rBV2	881953	1793245	12.24%	0.683%
12	8.353	858	862	867	rVV2	540921	986770	6.73%	0.376%
13	8.412	867	872	877	rVV	834157	1507385	10.29%	0.574%
14	8.576	893	900	905	rBV2	746311	1765721	12.05%	0.673%
15	8.641	905	911	917	rVB3	739502	1527816	10.43%	0.582%
16	8.717	917	924	930	rBV3	1605418	3126359	21.34%	1.191%
17	8.823	936	942	947	rBV	562086	1082531	7.39%	0.413%
18	9.029	971	977	982	rBV	707954	1341046	9.15%	0.511%
19	9.082	982	986	992	rVB	776451	1336694	9.12%	0.509%
20	9.187	992	1004	1012	rBV4	1628578	4154203	28.35%	1.583%
21	9.270	1012	1018	1025	rVB3	1672394	3123000	21.31%	1.190%
22	9.428	1032	1045	1052	rBV8	670662	2176993	14.86%	0.830%
23	9.528	1052	1062	1068	rBV4	744357	2045817	13.96%	0.780%
24	9.710	1087	1093	1098	rVB2	1106021	2042956	13.94%	0.779%
25	9.775	1098	1104	1107	rVV	1016186	1824445	12.45%	0.695%
26	9.816	1108	1111	1118	rVB4	598416	1141776	7.79%	0.435%
27	10.004	1139	1143	1150	rVB5	833236	1533211	10.46%	0.584%
28	10.080	1150	1156	1160	rBV3	788672	1828459	12.48%	0.697%
29	10.139	1163	1166	1173	rVB4	1206783	2075798	14.17%	0.791%
30	10.210	1173	1178	1184	rVB	638565	1016291	6.94%	0.387%
31	10.292	1184	1192	1198	rBV2	1946945	4195580	28.63%	1.599%
32	10.351	1198	1202	1206	rVB2	599324	867005	5.92%	0.330%
33	10.392	1206	1209	1214	rVB	789525	1117166	7.62%	0.426%
34	10.468	1214	1222	1228	rVB3	841561	2097681	14.32%	0.799%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.539	1228	1234	1238	rBV	902978	1547812	10.56%	0.590%
36	10.592	1238	1243	1249	rVB2	854846	1636057	11.17%	0.624%
37	10.662	1250	1255	1260	rBV2	385864	751463	5.13%	0.286%
38	10.879	1289	1292	1296	rVB2	751561	1046705	7.14%	0.399%
39	10.962	1301	1306	1311	rVV	1727233	3465952	23.65%	1.321%
40	11.026	1311	1317	1323	rVB2	3009167	6353303	43.36%	2.421%
41	11.103	1323	1330	1335	rBV4	931780	2138102	14.59%	0.815%
42	11.261	1349	1357	1360	rBV5	497295	1144113	7.81%	0.436%
43	11.373	1370	1376	1382	rVB3	1613857	3188222	21.76%	1.215%
44	11.490	1391	1396	1401	rBV3	492653	941724	6.43%	0.359%
45	11.590	1404	1413	1418	rBV7	1429470	4025658	27.47%	1.534%
46	11.708	1429	1433	1443	rVB5	998323	2489078	16.99%	0.949%
47	11.814	1443	1451	1456	rBV4	1146800	2546675	17.38%	0.971%
48	11.896	1457	1465	1469	rBV	3066694	5350213	36.51%	2.039%
49	11.943	1469	1473	1477	rVB3	654432	1029482	7.03%	0.392%
50	12.096	1493	1499	1504	rBV2	2646586	4669947	31.87%	1.780%
51	12.154	1504	1509	1517	rBV5	552585	1388020	9.47%	0.529%
52	12.225	1518	1521	1526	rVB2	486795	695155	4.74%	0.265%
53	12.284	1527	1531	1540	rBV6	646030	2053683	14.02%	0.783%
54	12.448	1552	1559	1563	rBV3	927254	1767542	12.06%	0.674%
55	12.507	1566	1569	1574	rVB2	1119057	1748190	11.93%	0.666%
56	12.572	1574	1580	1587	rVB	4017185	7291754	49.76%	2.779%
57	12.642	1588	1592	1597	rVB7	424688	706417	4.82%	0.269%
58	12.695	1597	1601	1604	rBV4	430324	759837	5.19%	0.290%
59	12.795	1612	1618	1625	rVB2	2879326	6684064	45.62%	2.547%
60	12.983	1647	1650	1654	rVB4	689224	974229	6.65%	0.371%
61	13.071	1660	1665	1669	rBV3	733380	1331114	9.08%	0.507%
62	13.112	1669	1672	1676	rVB3	602569	750980	5.13%	0.286%
63	13.236	1687	1693	1697	rBV	3832373	6556117	44.74%	2.499%
64	13.353	1708	1713	1722	rVB3	1445067	2632988	17.97%	1.003%
65	13.506	1735	1739	1742	rBV4	768895	1430703	9.76%	0.545%
66	13.670	1763	1767	1773	rVB3	1339889	2396282	16.35%	0.913%
67	13.764	1779	1783	1791	rVB	1468866	2489587	16.99%	0.949%
68	13.911	1800	1808	1814	rVB2	2813727	7113079	48.55%	2.711%
69	14.058	1827	1833	1838	rBV	2614385	5706246	38.94%	2.175%
70	14.111	1838	1842	1846	rVV2	2508121	4332174	29.57%	1.651%
71	14.146	1846	1848	1849	rVV	902327	849654	5.80%	0.324%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.181	1849	1854	1858	rVB2	5303579	8105550	55.32%	3.089%
73	14.234	1859	1863	1867	rVB	1217769	1643111	11.21%	0.626%
74	14.293	1868	1873	1877	rBV3	1725216	3081844	21.03%	1.174%
75	14.458	1896	1901	1910	rVV5	1460285	3028049	20.67%	1.154%
76	14.616	1924	1928	1932	rBV5	498138	900766	6.15%	0.343%
77	14.698	1933	1942	1951	rVV7	2091394	5793061	39.54%	2.208%
78	14.934	1977	1982	1991	rVB2	1863205	4246186	28.98%	1.618%
79	15.016	1992	1996	2003	rBV6	656041	1552180	10.59%	0.592%
80	15.092	2004	2009	2010	rVV3	1157487	1789199	12.21%	0.682%
81	15.122	2011	2014	2022	rVB3	2113018	3545099	24.19%	1.351%
82	15.204	2023	2028	2035	rBV3	2470616	4317266	29.46%	1.645%
83	15.345	2046	2052	2057	rBV2	1915936	4073518	27.80%	1.552%
84	15.398	2057	2061	2064	rVV	1035814	1555195	10.61%	0.593%
85	15.509	2074	2080	2084	rBV3	1421124	3354146	22.89%	1.278%
86	15.944	2145	2154	2158	rBV2	4466841	8306007	56.69%	3.165%
87	16.220	2197	2201	2207	rBV4	1402011	2719833	18.56%	1.037%
88	16.432	2230	2237	2243	rBV	7797843	14652501	100.00%	5.584%
89	16.837	2303	2306	2311	rVB3	918906	1290940	8.81%	0.492%
90	16.984	2328	2331	2334	rBV3	612248	955127	6.52%	0.364%
91	17.248	2370	2376	2380	rBV	4589551	7276711	49.66%	2.773%
92	17.525	2419	2423	2428	rBV	1264598	2051392	14.00%	0.782%
93	17.848	2474	2478	2481	rBV	956931	1332850	9.10%	0.508%
94	18.353	2560	2564	2568	rBV	922957	1588603	10.84%	0.605%
95	18.406	2570	2573	2578	rVB	1263530	1715832	11.71%	0.654%
96	19.070	2682	2686	2692	rVB2	805085	1707583	11.65%	0.651%
97	19.258	2714	2718	2722	rBV	1015524	1499591	10.23%	0.571%
98	20.075	2852	2857	2861	rVB	2226351	2856410	19.49%	1.089%
99	21.755	3137	3143	3152	rVB2	449391	834809	5.70%	0.318%
100	25.069	3692	3707	3721	rVB2	270854	878078	5.99%	0.335%

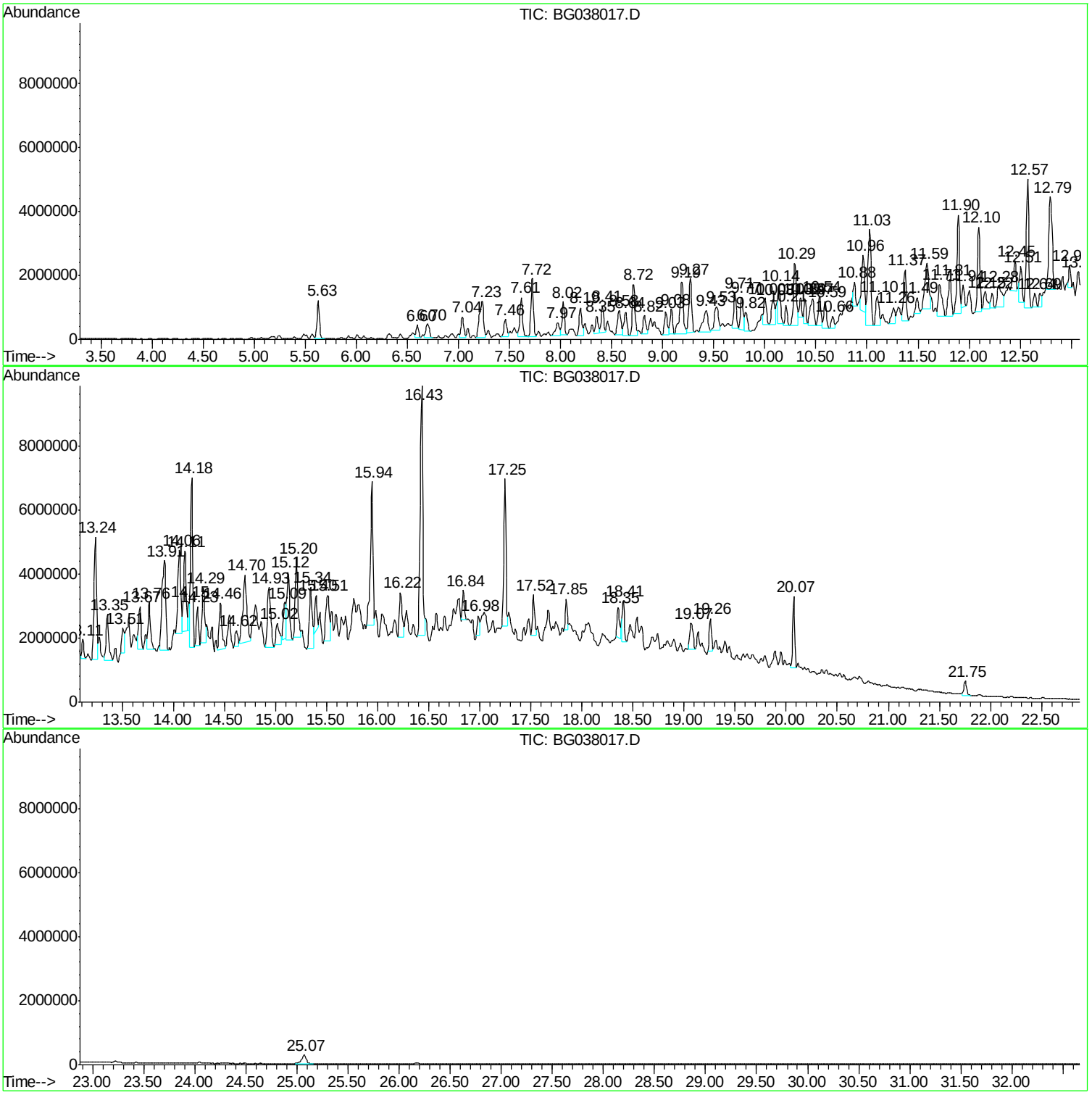
Sum of corrected areas: 262397477

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

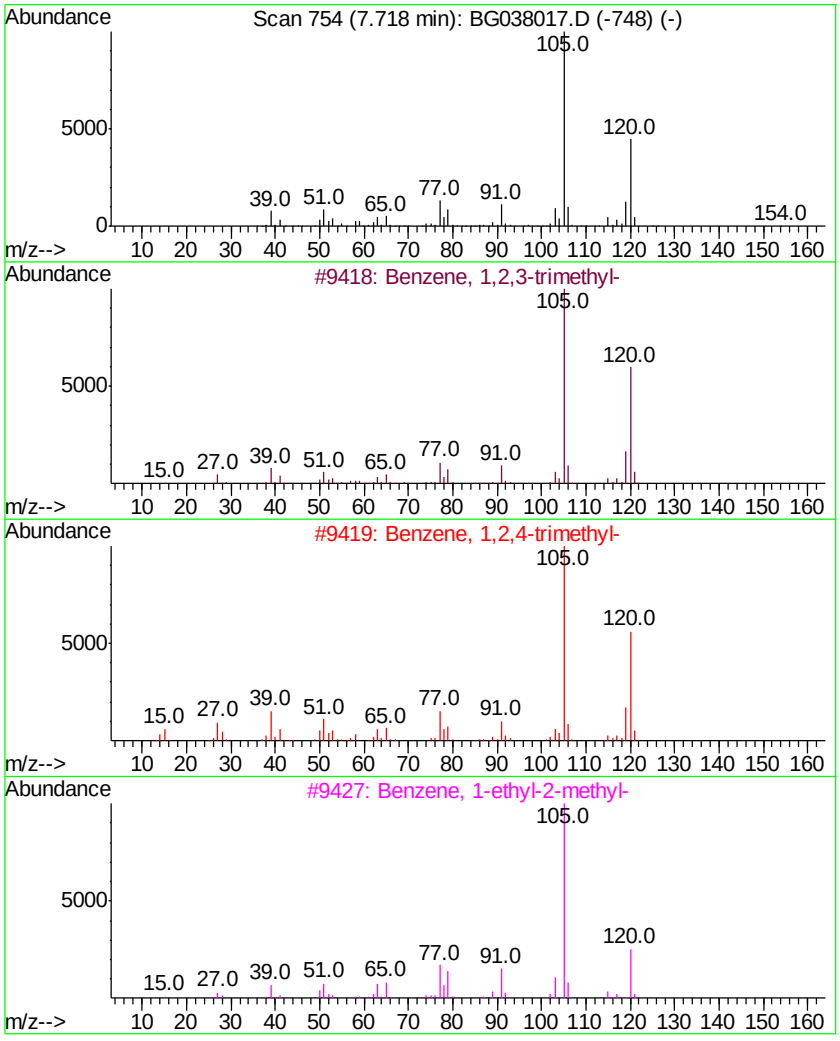
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

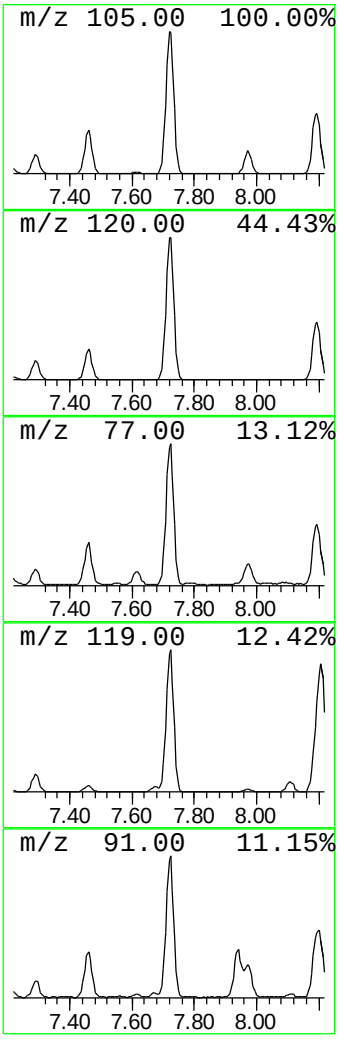
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	37.14 ng	3289840	1,4-Dichlorobenzene-d4	8.09

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	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

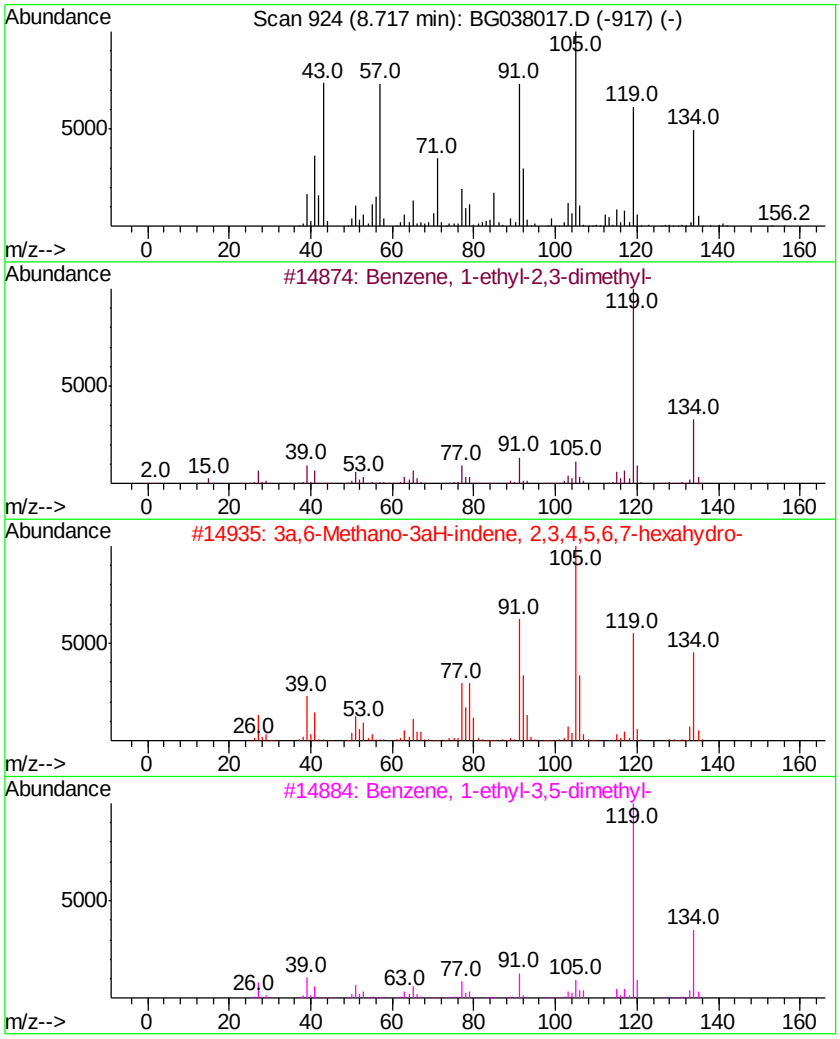
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

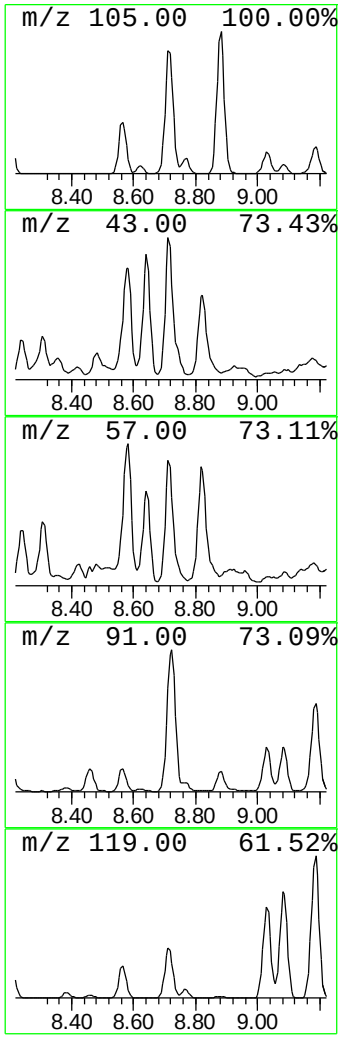
****

Peak Number 2 3a,6-Methano-3aH-indene, 2,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	35.29 ng	3126360	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
2	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

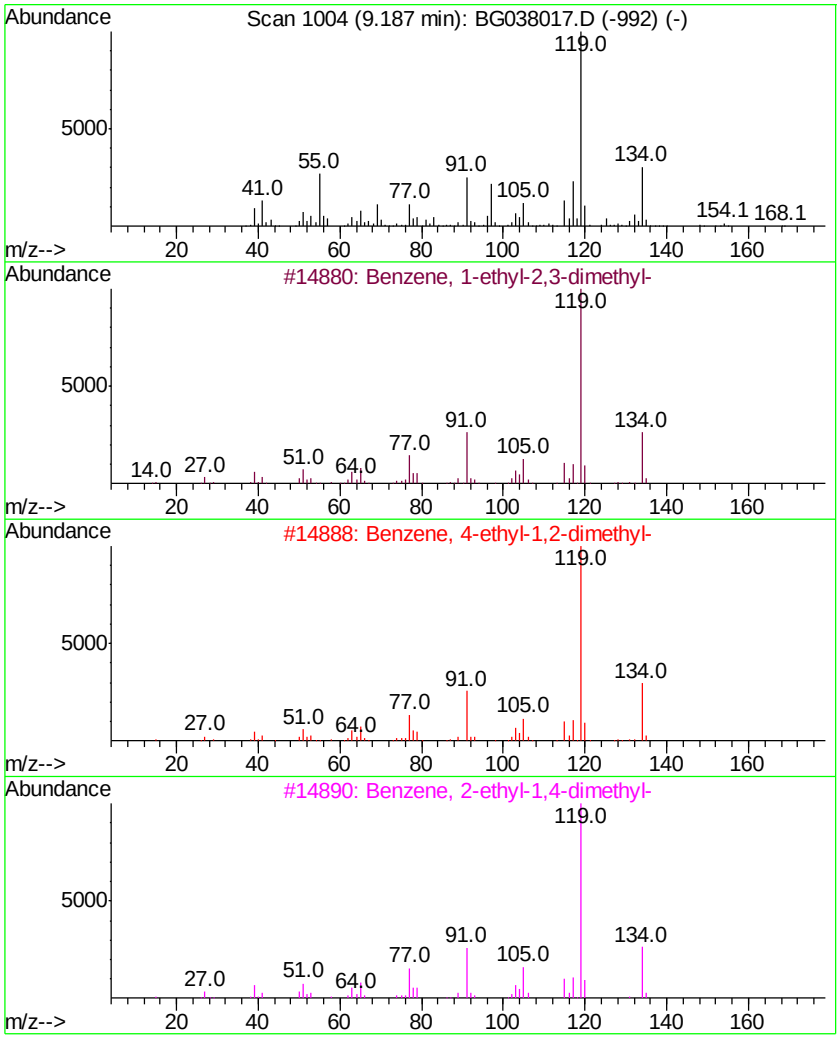
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

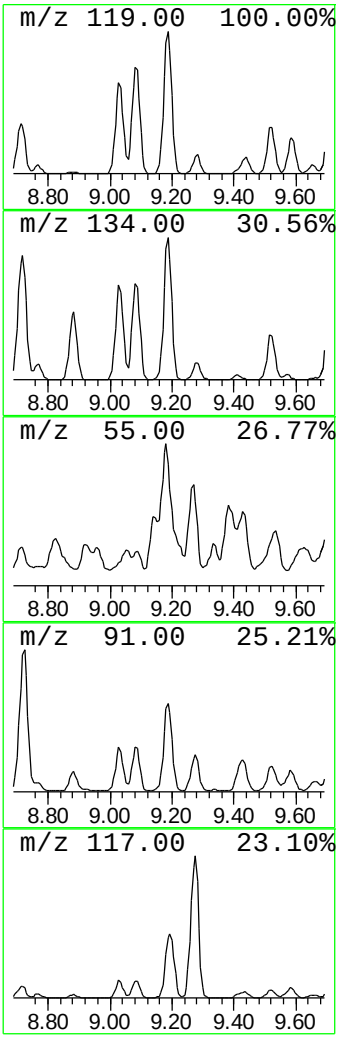
****

Peak Number 3 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	46.89 ng	4154200	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	o-Cymene	134	C10H14	000527-84-4	92
5	p-Cymene	134	C10H14	000099-87-6	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

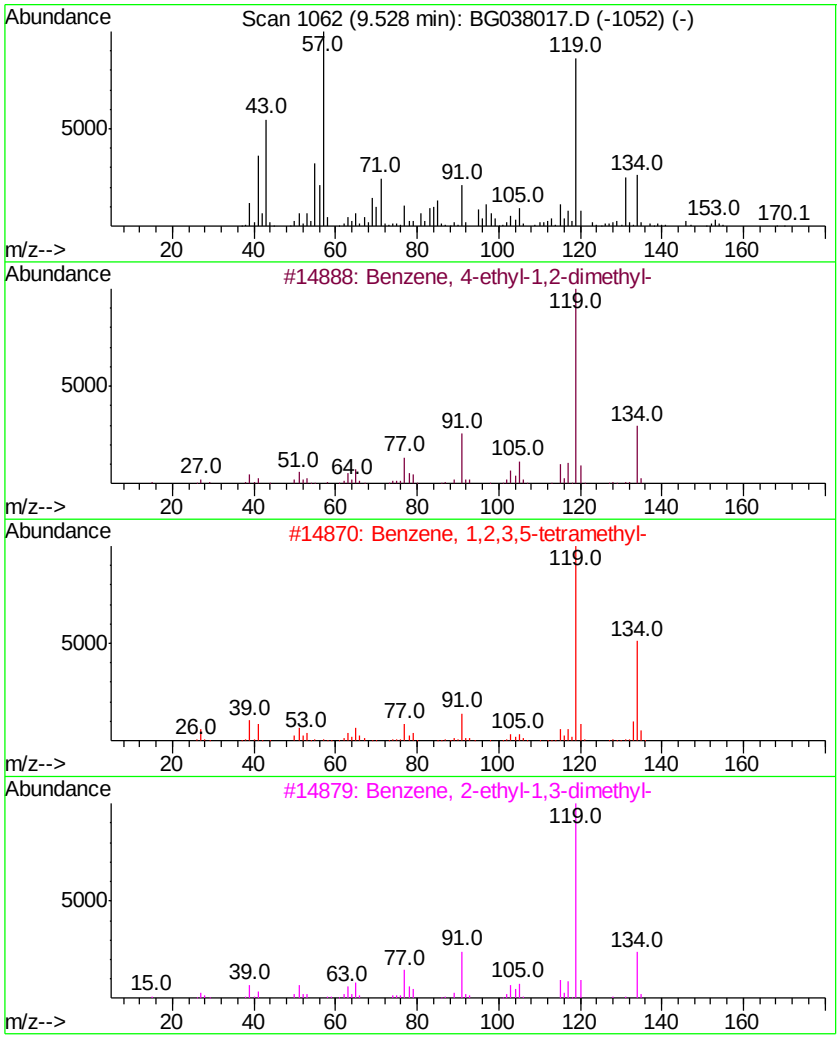
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

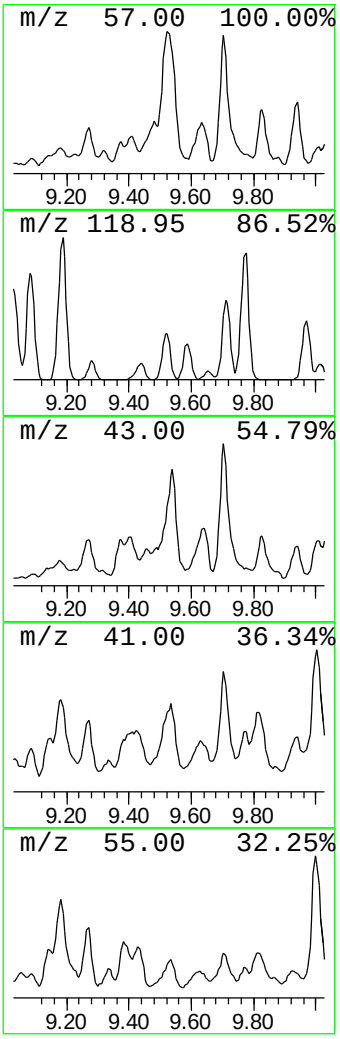
****

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	39.09 ng	2045820	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	46
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
4	o-Cymene	134	C10H14	000527-84-4	46
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

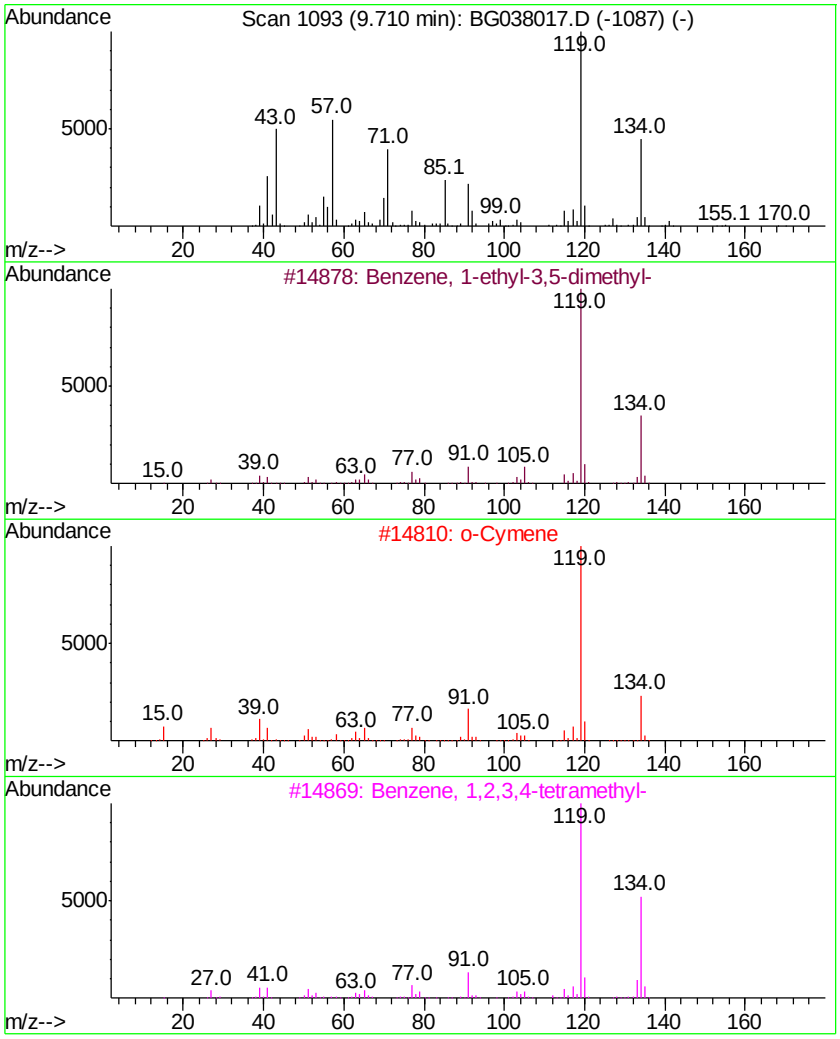
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

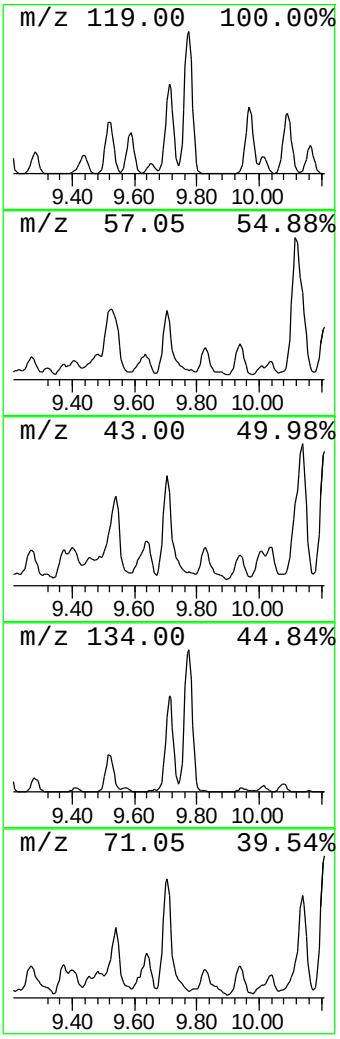
****

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	39.04 ng	2042960	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	o-Cymene	134	C10H14	000527-84-4	64
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

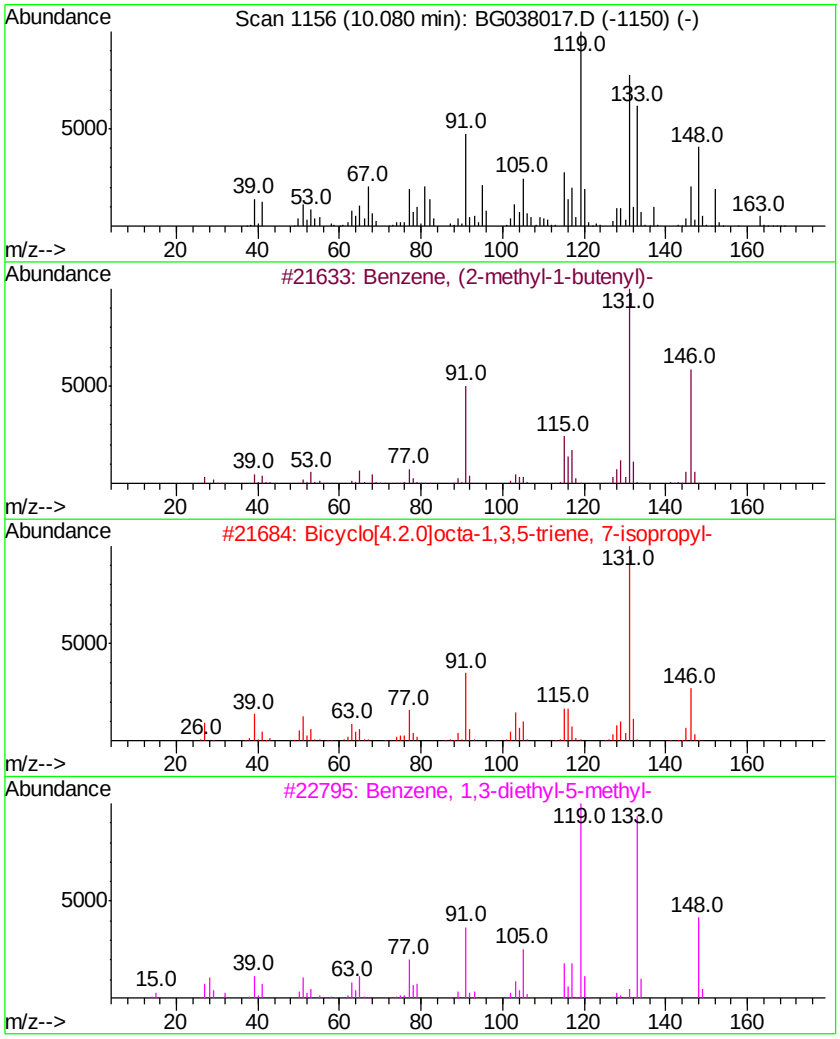
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

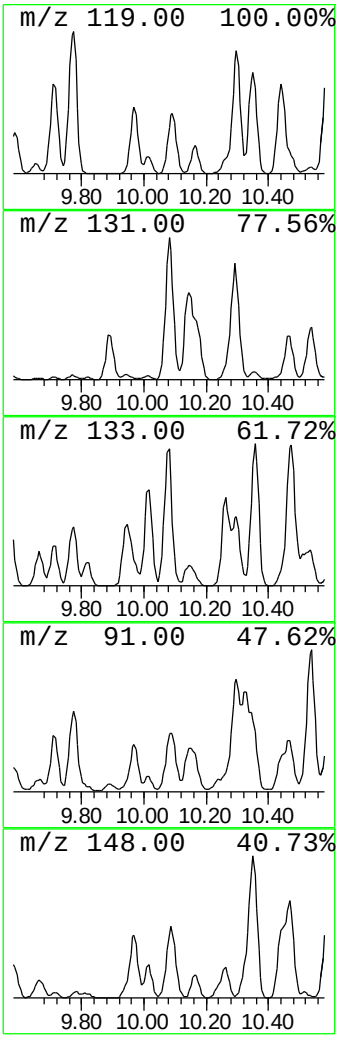
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	34.94 ng	1828460	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	72
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	41
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	35
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

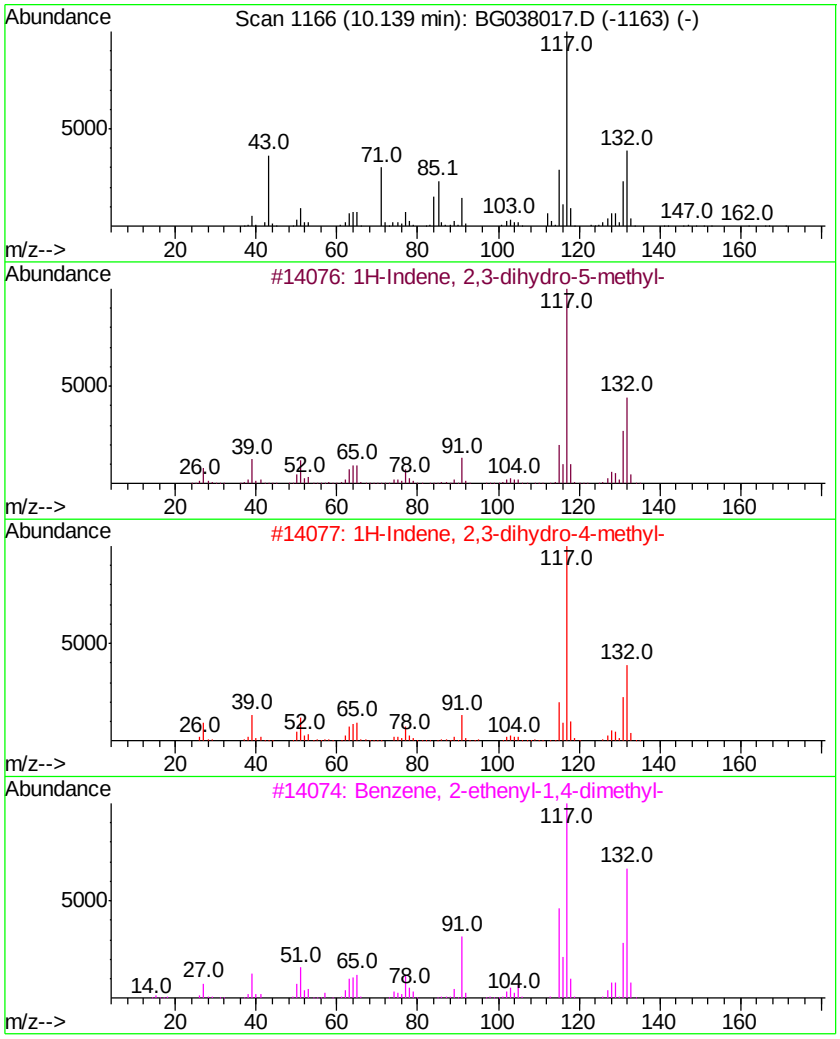
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

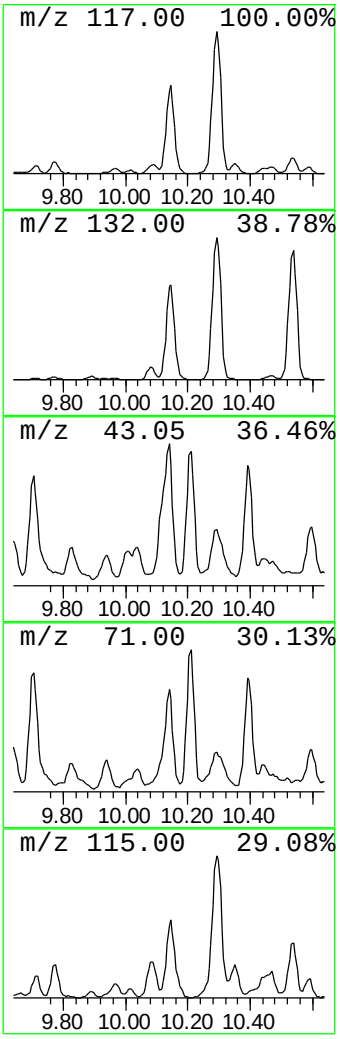
****

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	39.66 ng	2075800	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	96
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

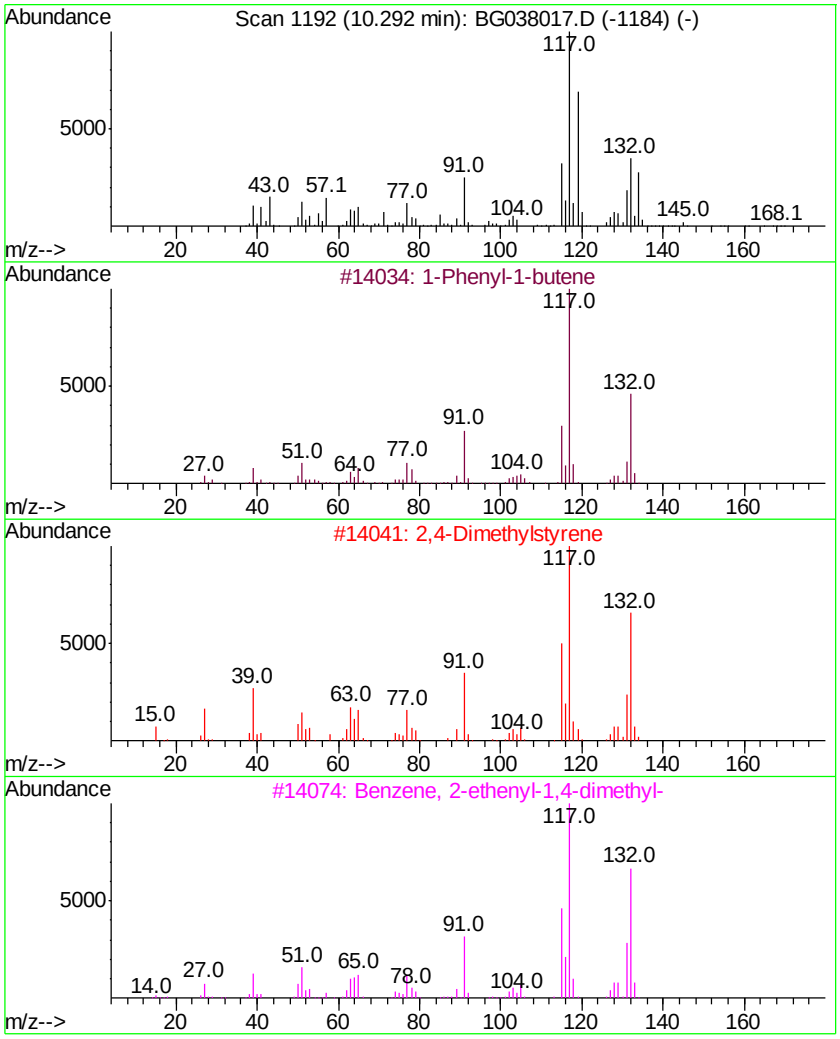
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

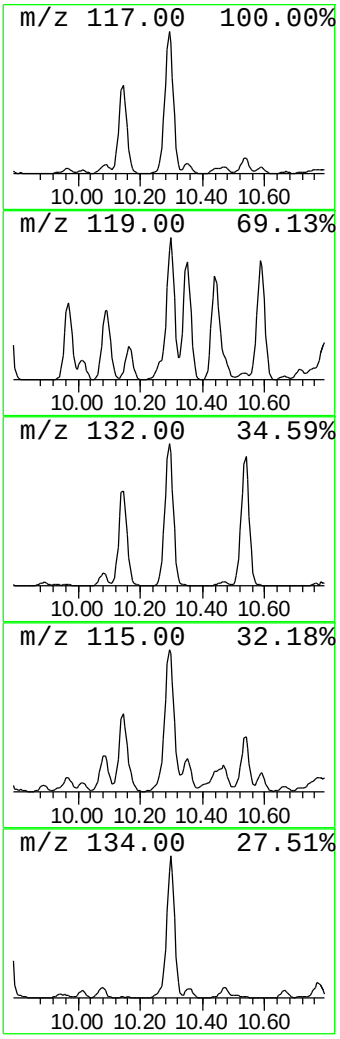
****

Peak Number 8 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	80.17 ng	4195580	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

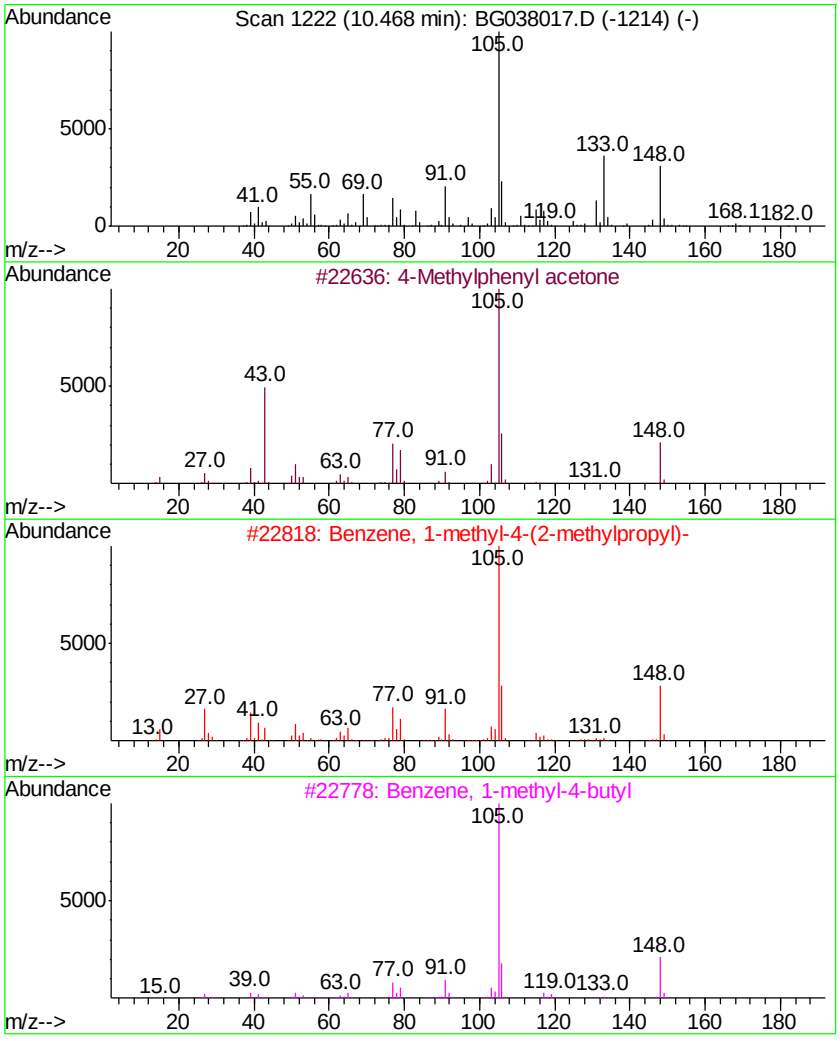
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

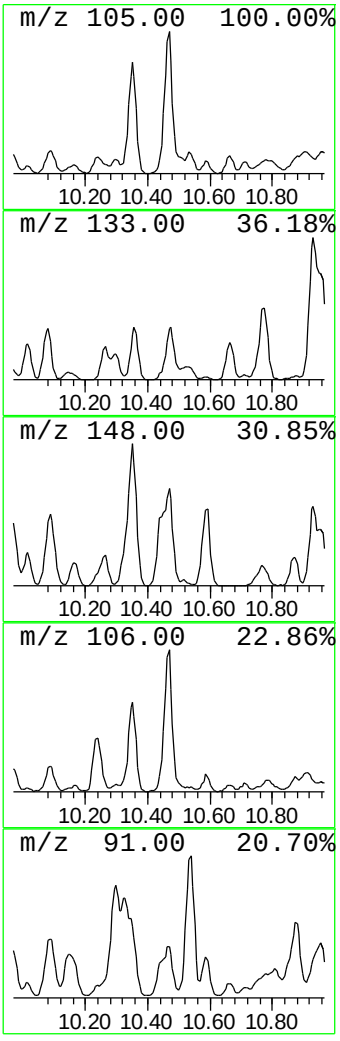
****

Peak Number 9 4-Methylphenyl acetone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	40.08 ng	2097680	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	60
2	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	58
3	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	58
4	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	52
5	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

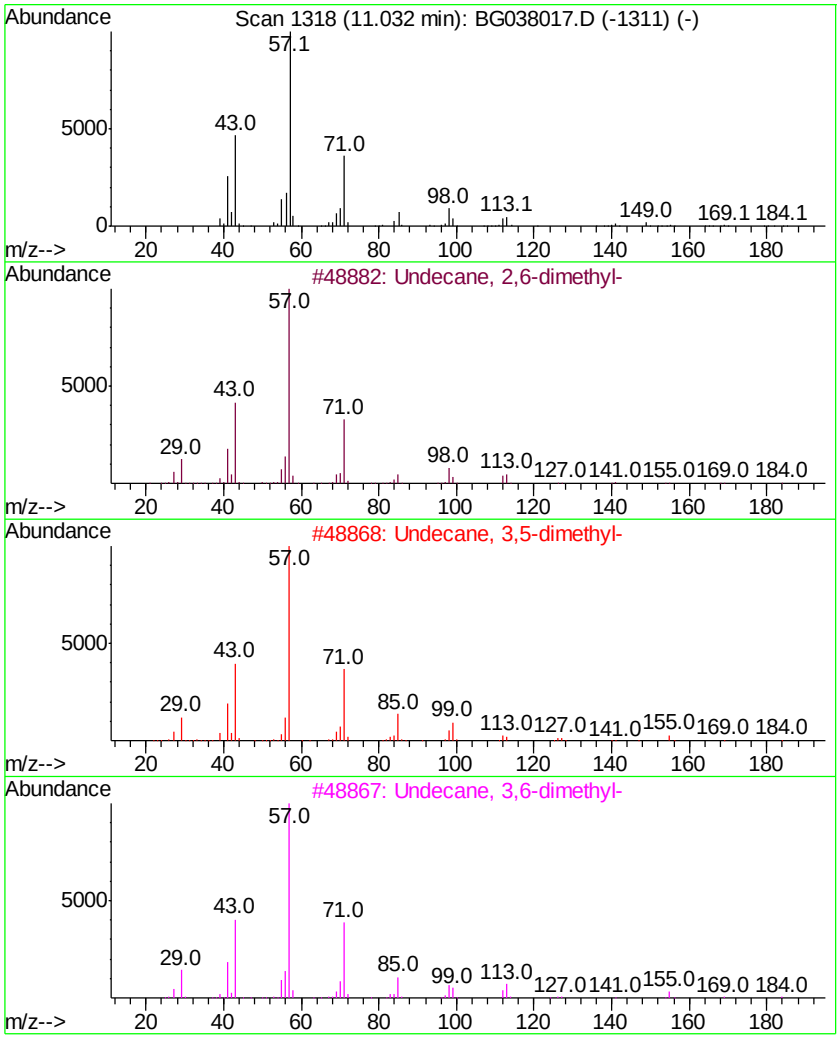
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

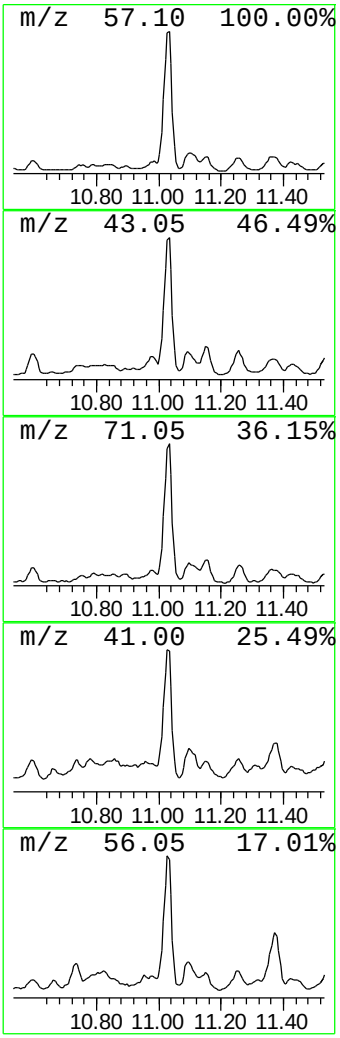
****

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	121.40 ng	6353300	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

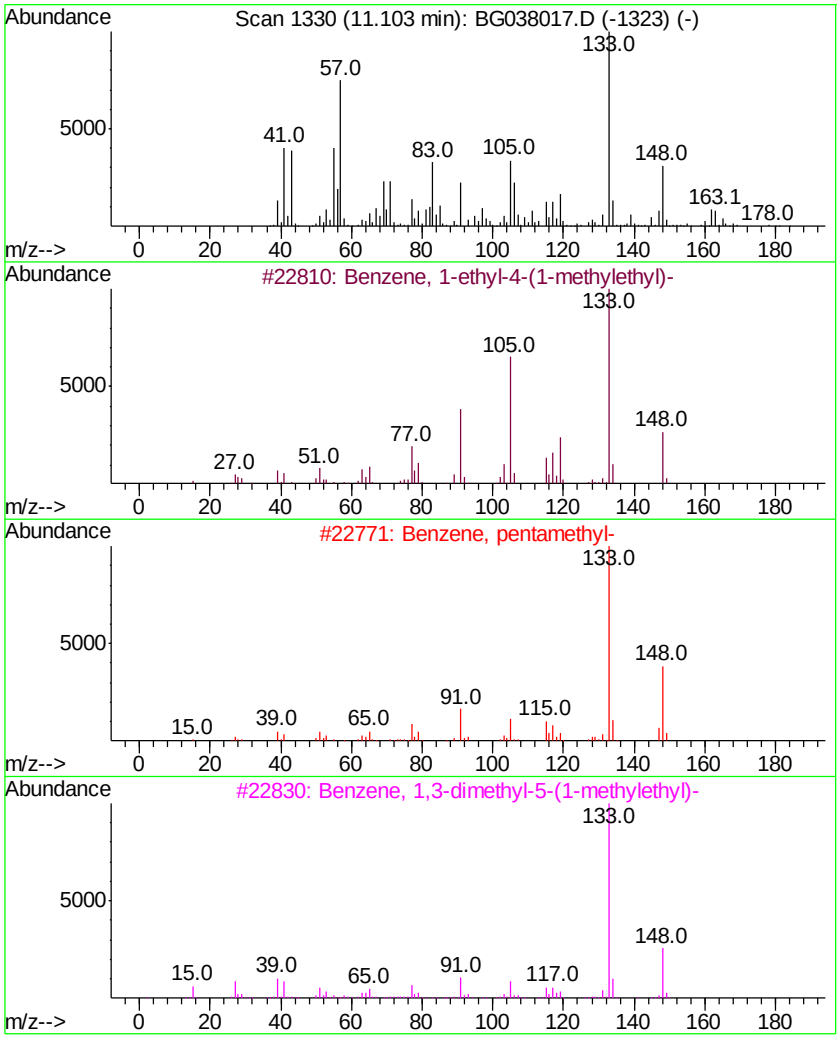
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

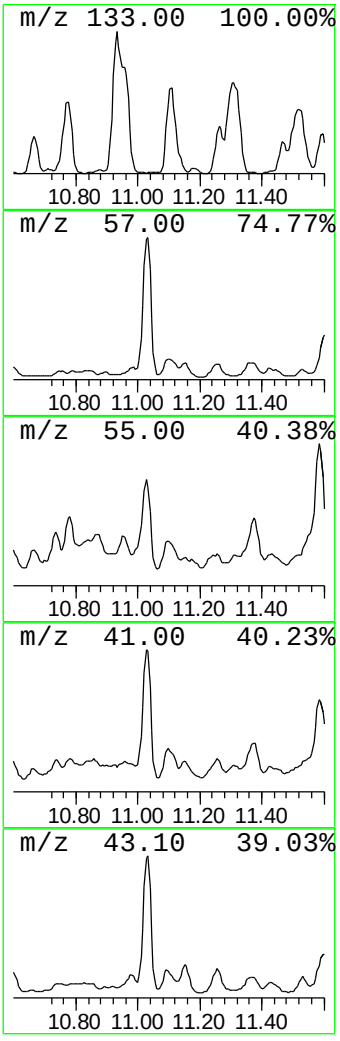
****

Peak Number 11 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	40.85 ng	2138100	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	86
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
4	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

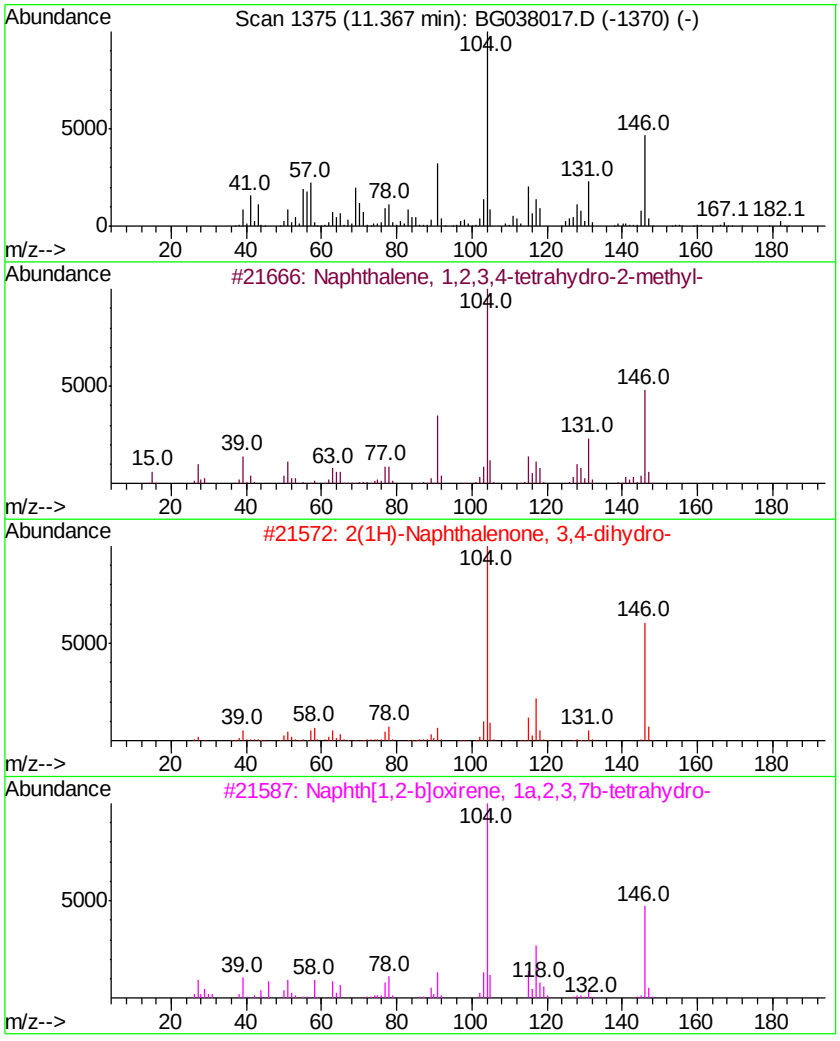
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

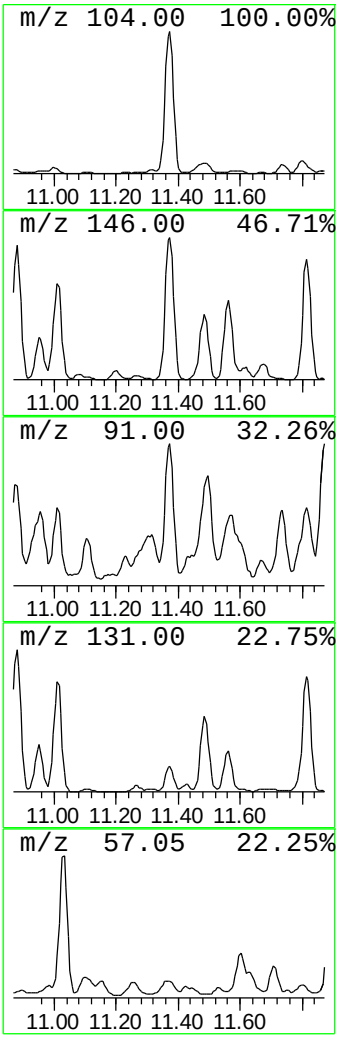
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	60.92 ng	3188220	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	38
5	Dichloroacetic acid, 2-phenyleth...	232	C10H10Cl2O2	209982-02-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

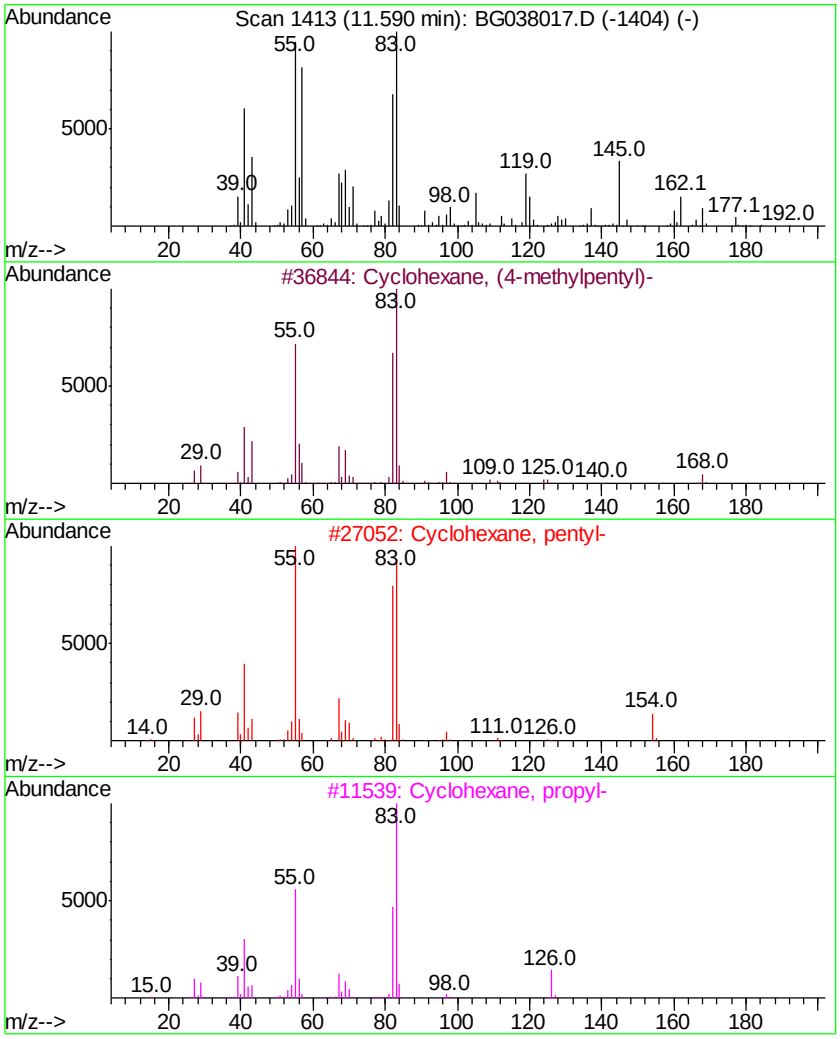
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

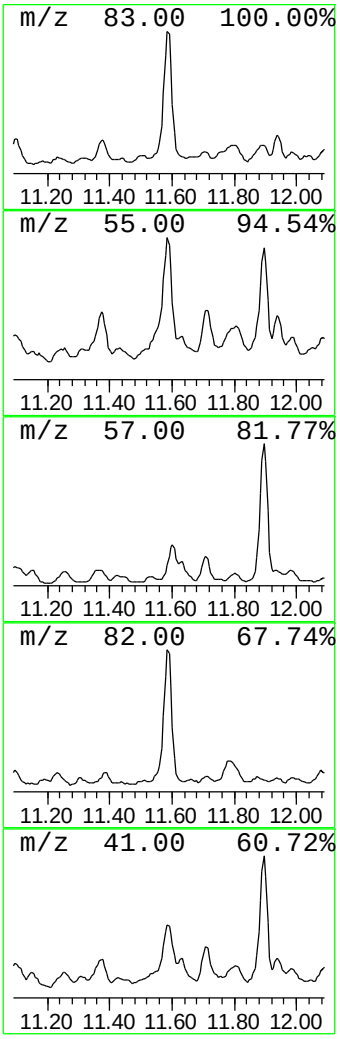
****

Peak Number 13 Cyclohexane, (4-methylpentyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	76.92 ng	4025660	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	47
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

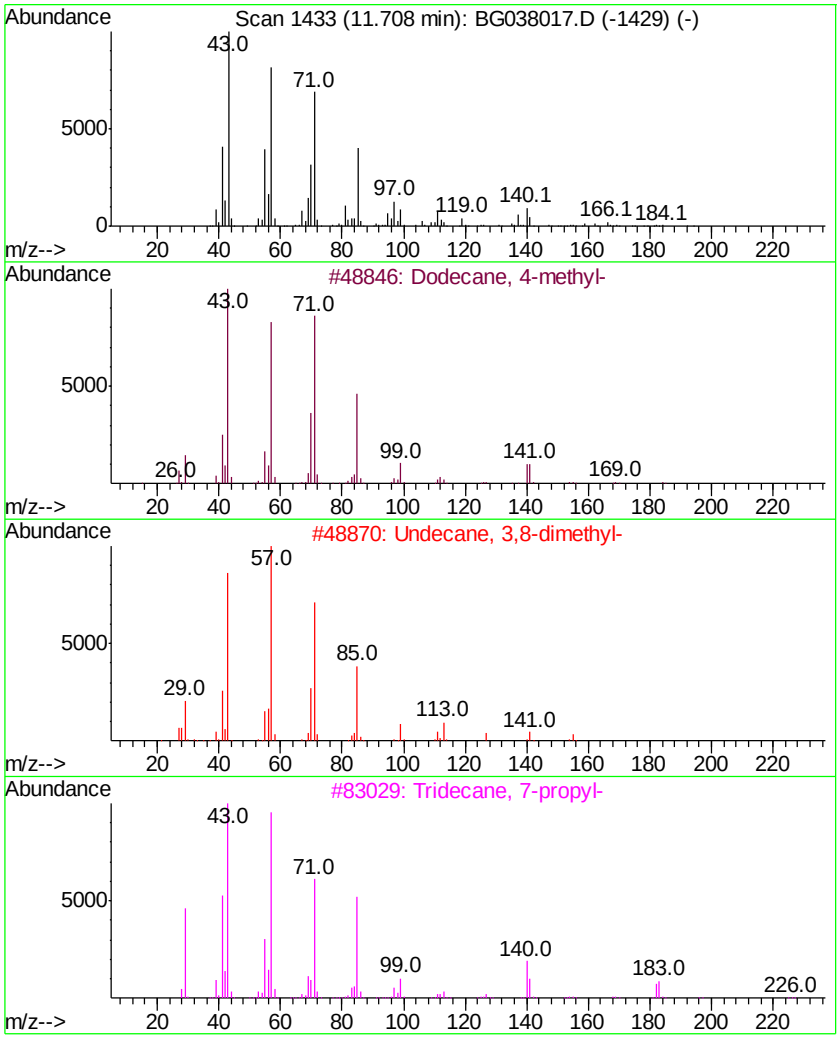
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

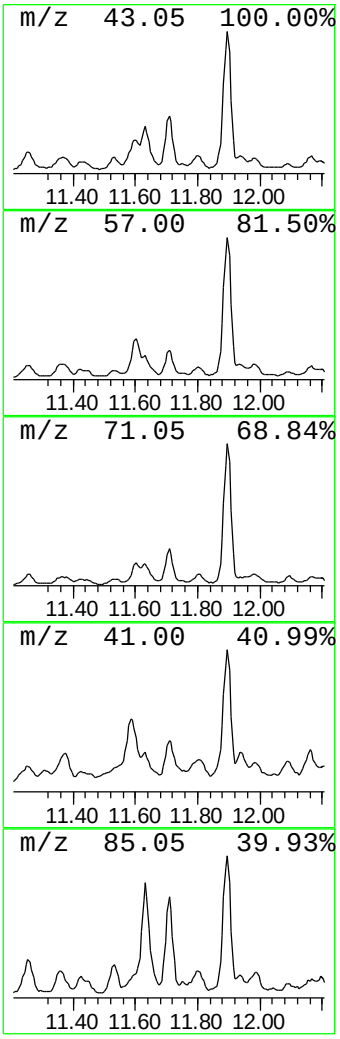
****

Peak Number 14 Dodecane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	47.56 ng	2489080	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	59
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

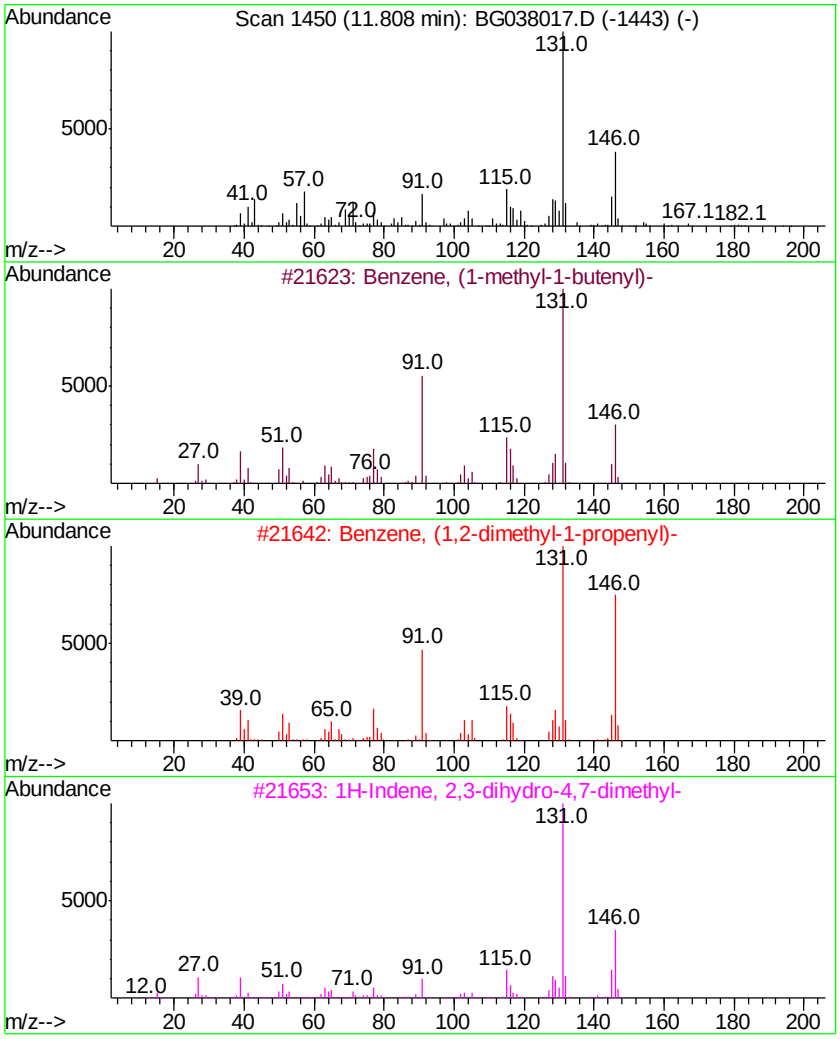
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

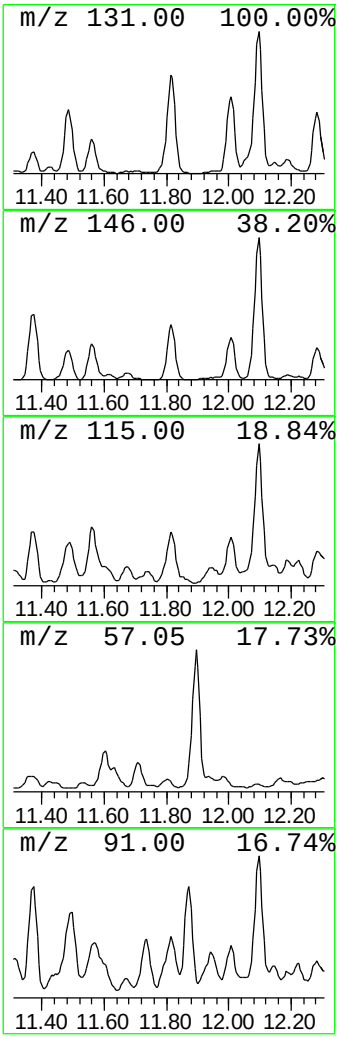
****

Peak Number 15 Benzene, (1-methyl-1-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	48.66 ng	2546680	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

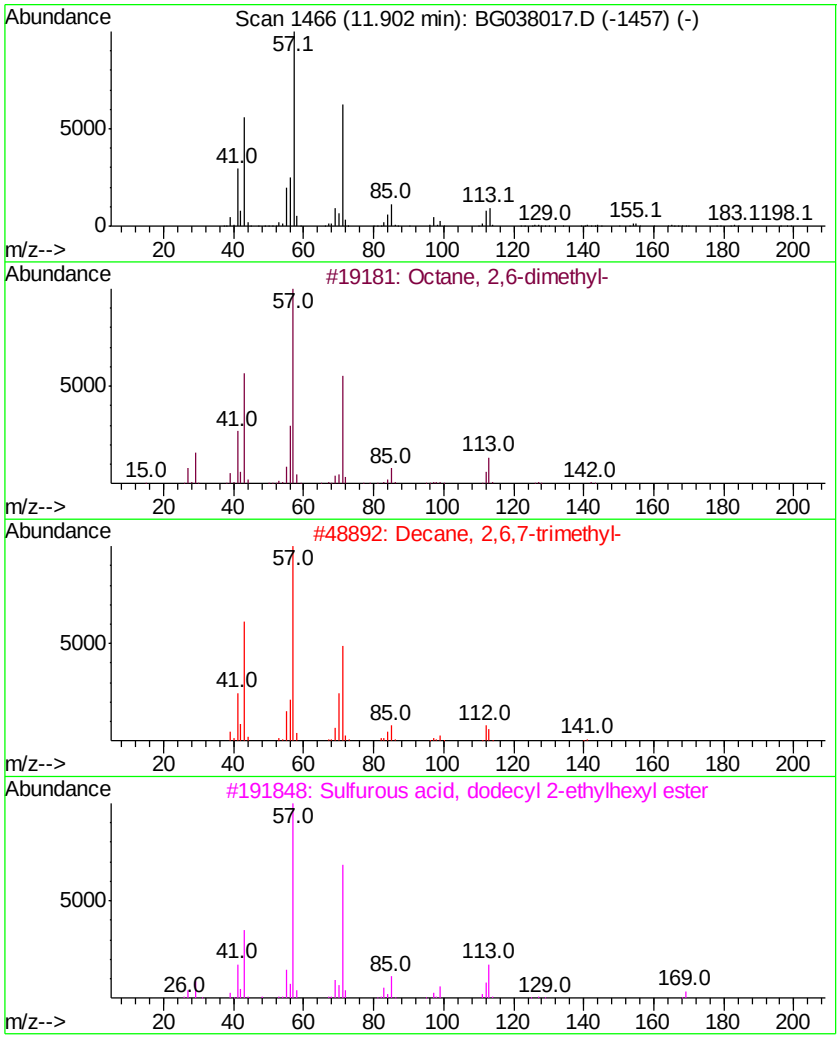
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

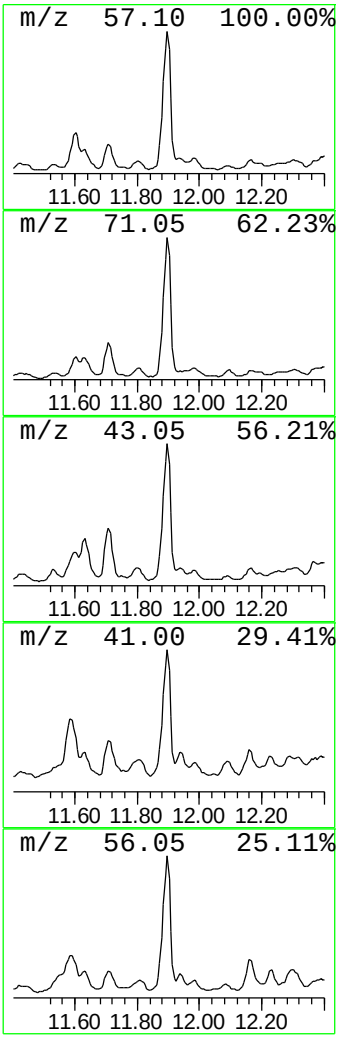
****

Peak Number 16 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	102.23 ng	5350210	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

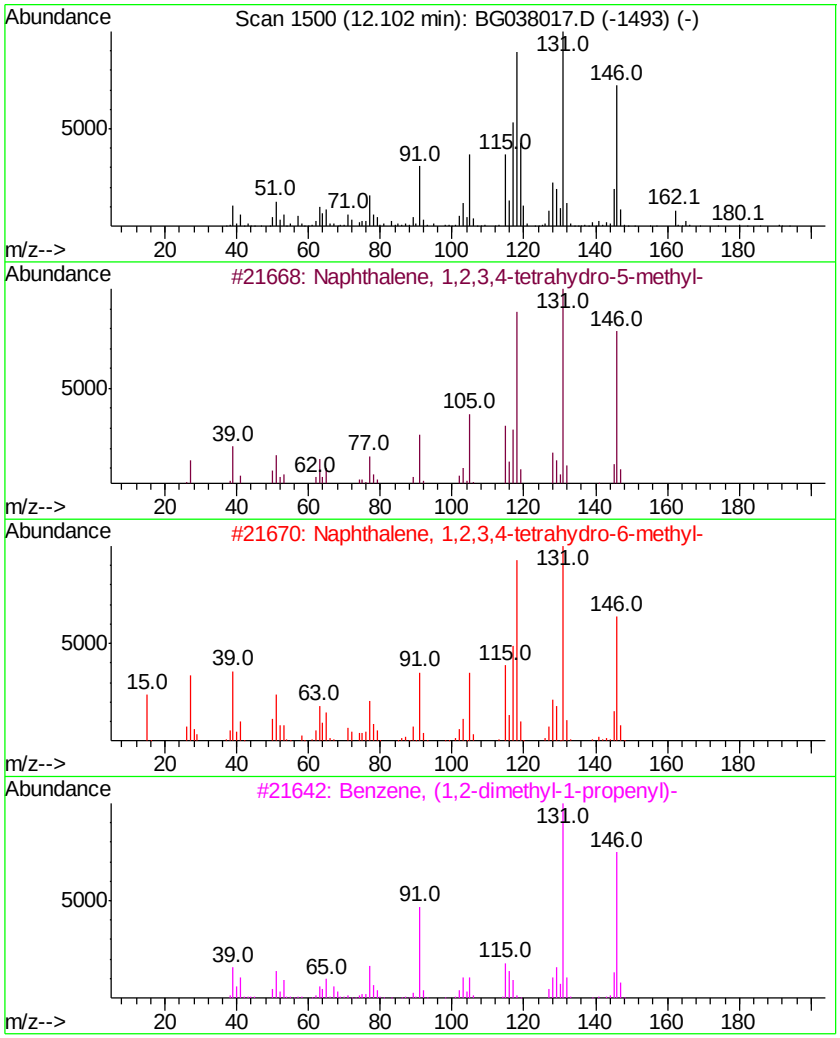
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

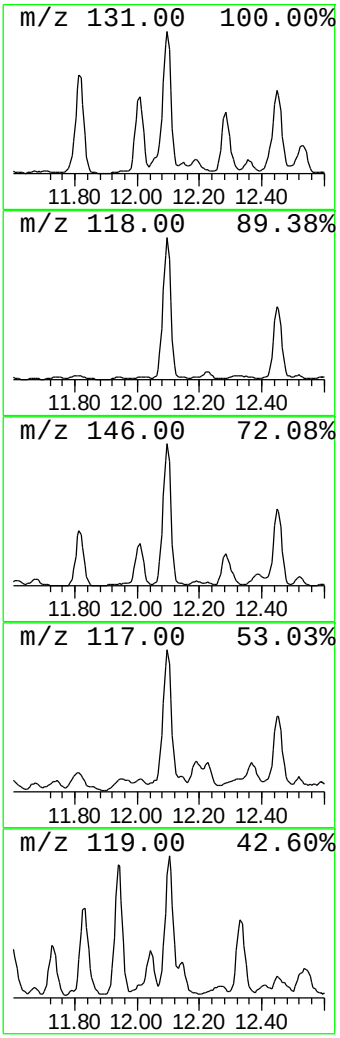
****

Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	89.23 ng	4669950	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

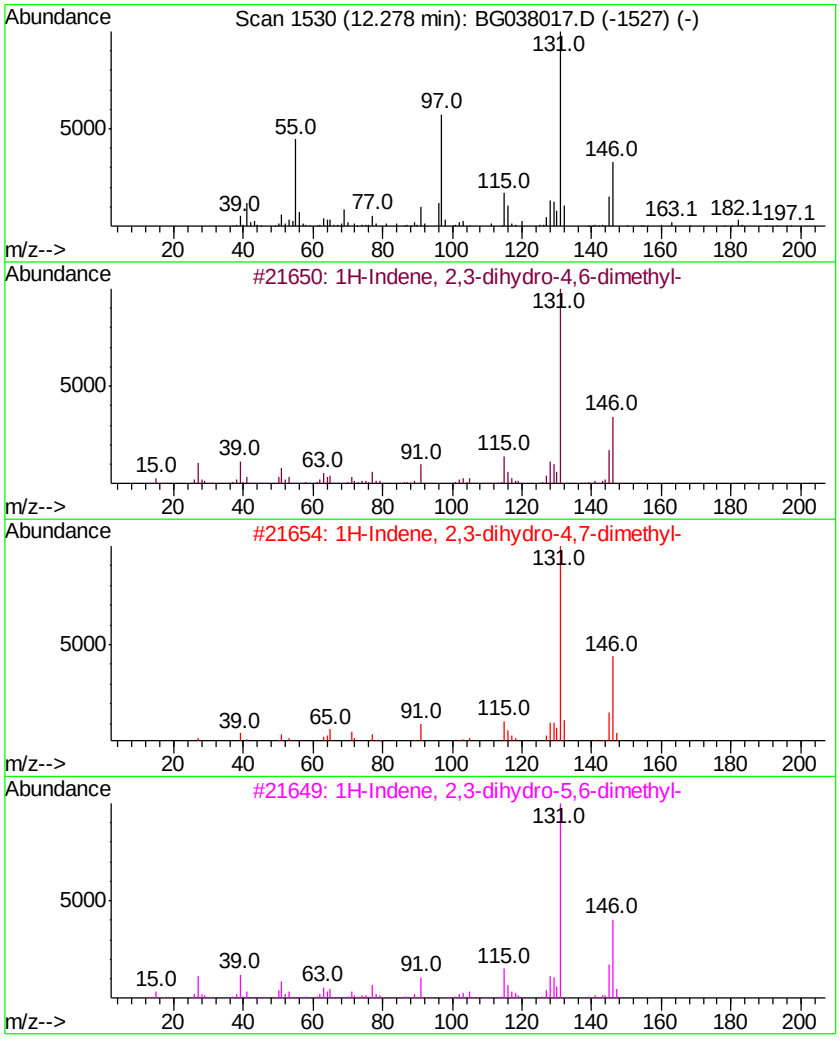
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

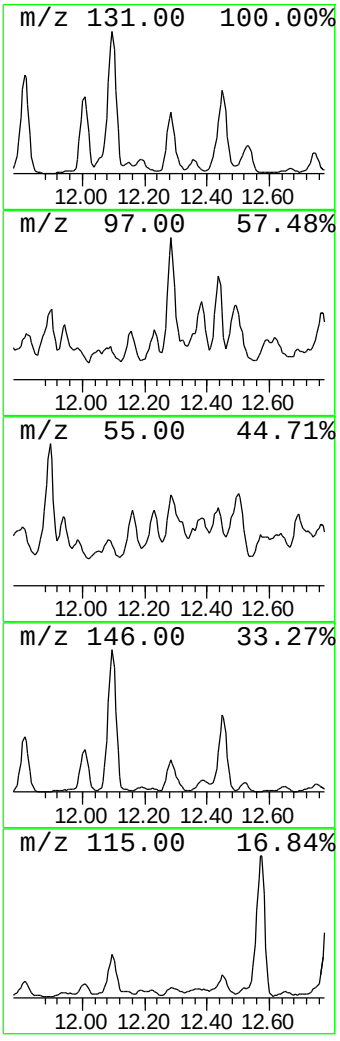
****

Peak Number 18 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	39.24 ng	2053680	Naphthalene-d8	10.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

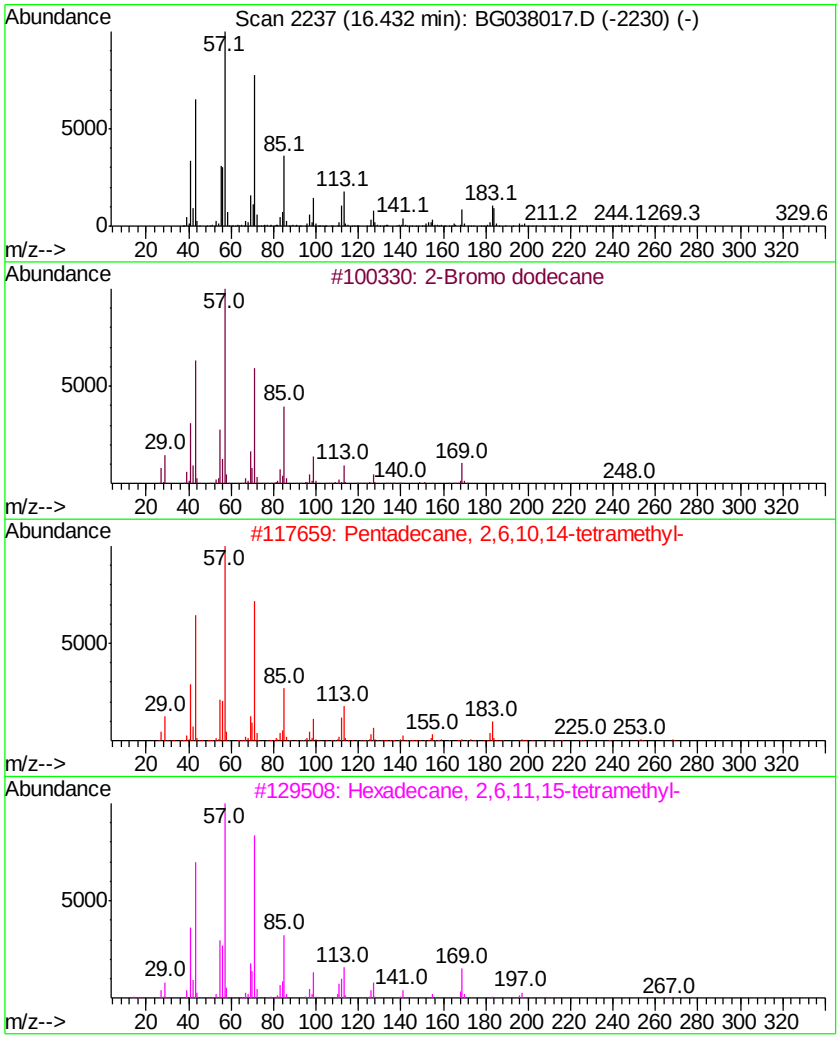
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

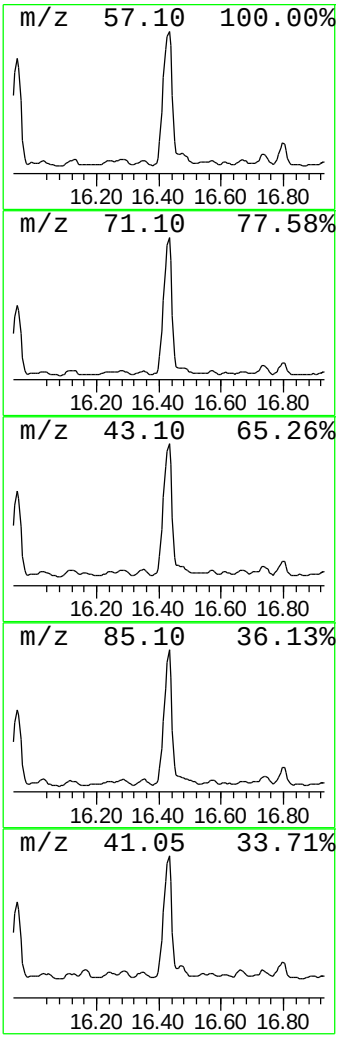
****

Peak Number 19 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	142.85 ng	14652500	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	96
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	87
4	Tridecane	184	C13H28	000629-50-5	83
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

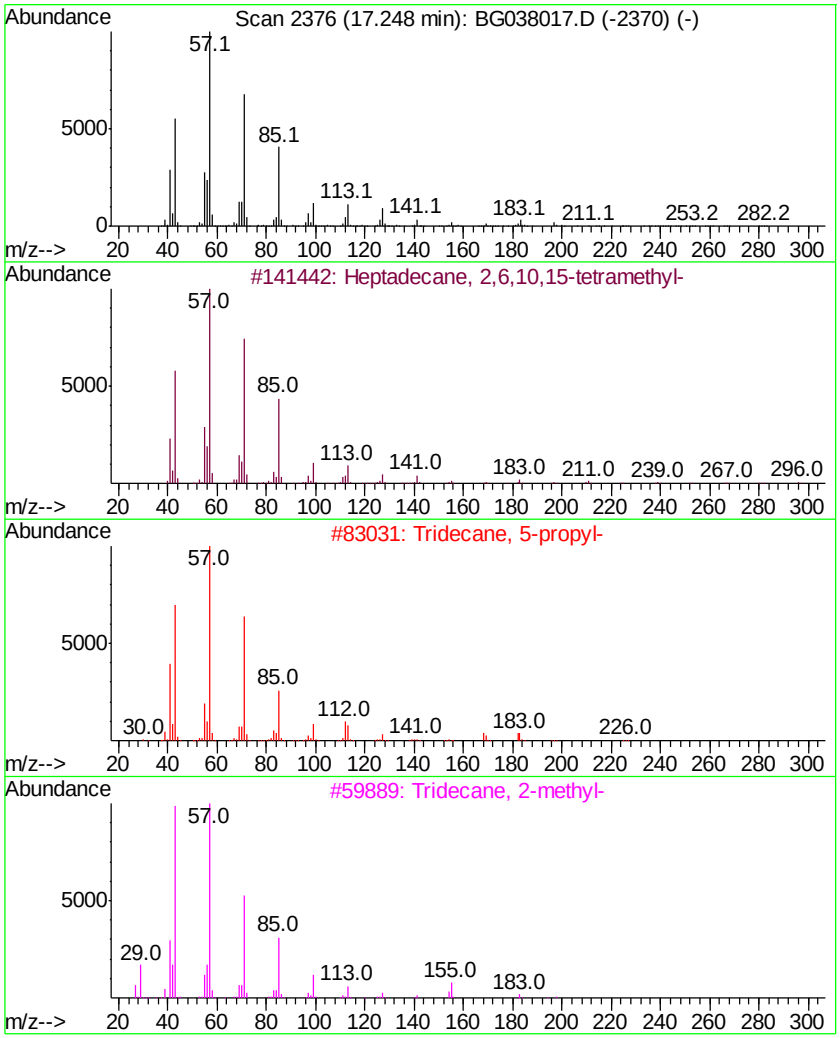
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

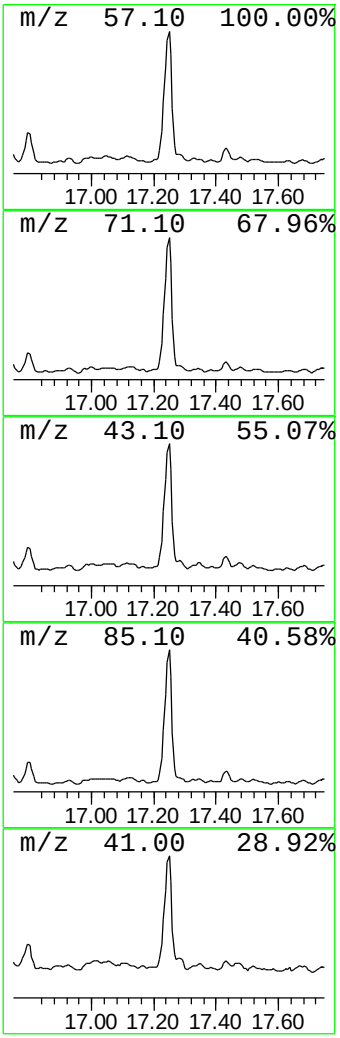
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	70.94 ng	7276710	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111518\
Data File : BG038017.D
Acq On : 15 Nov 2018 13:45
Operator : JU/SJ
Sample : J5950-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	7.72	37.1	ng	3289840	1	8.09	1771820	20.0
3a,6-Methano-3aH-...	8.72	35.3	ng	3126360	1	8.09	1771820	20.0
Benzene, 1-ethyl-...	9.19	46.9	ng	4154200	1	8.09	1771820	20.0
Benzene, 4-ethyl-...	9.53	39.1	ng	2045820	2	10.91	1046710	20.0
Benzene, 1-ethyl-...	9.71	39.0	ng	2042960	2	10.91	1046710	20.0
Benzene, (2-methy...	10.08	34.9	ng	1828460	2	10.91	1046710	20.0
1H-Indene, 2,3-di...	10.14	39.7	ng	2075800	2	10.91	1046710	20.0
1-Phenyl-1-butene	10.29	80.2	ng	4195580	2	10.91	1046710	20.0
4-Methylphenyl ac...	10.47	40.1	ng	2097680	2	10.91	1046710	20.0
Undecane, 2,6-dim...	11.03	121.4	ng	6353300	2	10.91	1046710	20.0
Benzene, 1-ethyl-...	11.10	40.9	ng	2138100	2	10.91	1046710	20.0
Naphthalene, 1,2,...	11.37	60.9	ng	3188220	2	10.91	1046710	20.0
Cyclohexane, (4-m...	11.59	76.9	ng	4025660	2	10.91	1046710	20.0
Dodecane, 4-methyl-	11.71	47.6	ng	2489080	2	10.91	1046710	20.0
Benzene, (1-methy...	11.81	48.7	ng	2546680	2	10.91	1046710	20.0
Octane, 2,6-dimet...	11.90	102.2	ng	5350210	2	10.91	1046710	20.0
Naphthalene, 1,2,...	12.10	89.2	ng	4669950	2	10.91	1046710	20.0
1H-Indene, 2,3-di...	12.28	39.2	ng	2053680	2	10.91	1046710	20.0
2-Bromo dodecane	16.43	142.8	ng	14652500	4	17.48	2051390	20.0
Heptadecane, 2,6,...	17.25	70.9	ng	7276710	4	17.48	2051390	20.0