LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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-BG101818.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	3.748	74	78	90	rVB2	1558790	3011421	13.23%	0.495%
2	4.130	138	143	153	rVB3	3171198	7008012	30.80%	1.151%
3	4.230	153	160	166	rBV	2769191	5560268	24.43%	0.913%
4	4.418	183	192	196	rBV3	2273820	4876811	21.43%	0.801%
5	4.577	210	219	231	rVB4	3048177	9404711	41.33%	1.545%
6	4.706	236	241	244	rBV	1604614	2837636	12.47%	0.466%
7	4.788	250	255	260	rVB	1354579	2229871	9.80%	0.366%
8	4.876	266	270	280	rVB2	1125546	2350048	10.33%	0.386%
9	4.988	280	289	296	rBV	2630980	6185034	27.18%	1.016%
10	5.082	300	305	310	rBV	2246195	3922935	17.24%	0.644%
11	5.205	322	326	331	rVB	2952856	4638260	20.38%	0.762%
12	5.258	331	335	340	rBV	2657801	4259532	18.72%	0.700%
13	5.317	340	345	352	rVB4	1439069	3275968	14.40%	0.538%
14	5.411	352	361	365	rBV	1904916	3959735	17.40%	0.650%
15	5.505	371	377	379	rBV2	4667143	8558952	37.61%	1.406%
16	5.587	386	391	395	rBV	2405610	4743480	20.84%	0.779%
17	5.640	395	400	406	rVB	6145506	11258955	49.48%	1.849%
18	5.746	407	418	422	rBV7	1226318	4022622	17.68%	0.661%
19	5.869	429	439	444	rBV4	2241247	5956741	26.18%	0.978%
20	5.940	444	451	457	rVV6	2016864	5272325	23.17%	0.866%
21	6.028	461	466	473	rVV	3591566	8003760	35.17%	1.315%
22	6.093	473	477	484	rVB2	1953293	3316211	14.57%	0.545%
23	6.163	485	489	495	rVB3	1204813	2325101	10.22%	0.382%
24	6.234	495	501	504	rBV3	855527	1810635	7.96%	0.297%
25	6.339	511	519	526	rBV4	3576669	10593972	46.55%	1.740%
26	6.451	532	538	548	rVB	2975018	7162281	31.47%	1.177%
27	6.574	548	559	563	rBV3	3145159	11421920	50.19%	1.876%
28	6.621	563	567	572	rVV	4390333	8464522	37.20%	1.390%
29	6.715	572	583	592	rVB4	5592348	15996293	70.29%	2.628%
30	6.827	594	602	608	rVV6	858752	2164346	9.51%	0.356%
31	6.892	610	613	617	rVB5	977926	1439491	6.33%	0.236%
32	6.962	617	625	631	rBV4	2223898	5951859	26.15%	0.978%
33	7.068	631	643	648	rBV2	8192184	18373128	80.74%	3.018%
34	7.121	648	652	656	rVB	4367141	6850703	30.10%	1.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.174	656	661	665	rBV3	1348744	2294925	10.08%	0.377%
36	7.233	665	671	677	rBV3	7579751	15466560	67.97%	2.541%
37	7.309	681	684	691	rVB3	1454278	2840406	12.48%	0.467%
38	7.403	692	700	707	rBV3	1786182	5114797	22.48%	0.840%
39	7.479	707	713	718	rVB2	1689401	3007424	13.22%	0.494%
40	7.567	724	728	732	rBV3	1451218	2619833	11.51%	0.430%
41	7.691	746	749	757	rVB4	784019	1627570	7.15%	0.267%
42	7.761	757	761	764	rBV2	842268	1363200	5.99%	0.224%
43	7.802	764	768	773	rVB2	1013472	1586007	6.97%	0.261%
44	7.855	773	777	781	rBV4	803375	1589915	6.99%	0.261%
45	7.990	790	800	805	rBV3	1816032	5369448	23.60%	0.882%
46	8.055	806	811	818	rVB	3995773	7315704	32.15%	1.202%
47	8.143	820	826	832	rVB3	1579839	3365499	14.79%	0.553%
48	8.225	832	840	844	rBV2	7450431	16581502	72.86%	2.724%
49	8.267	844	847	851	rVB2	1590132	2081862	9.15%	0.342%
50	8.319	851	856	861	rVB4	1277163	2707496	11.90%	0.445%
51	8.384	861	867	871	rBV2	1547256	2712230	11.92%	0.446%
52	8.490	878	885	894	rVB2	5418004	10779775	47.37%	1.771%
53	8.590	895	902	911	rBV3	3760492	11903096	52.31%	1.955%
54	8.666	912	915	920	rVB2	2466252	3941374	17.32%	0.647%
55	8.743	920	928	940	rBV2	8045082	18633789	81.88%	3.061%
56	8.848	940	946	951	rBV2	1930273	3577637	15.72%	0.588%
57	8.942	959	962	968	rVV3	821902	1375747	6.05%	0.226%
58	9.054	975	981	989	rVB	2388264	4683700	20.58%	0.769%
59	9.224	995	1010	1016	rBV	9366993	22756480	100.00%	3.738%
60	9.307	1016	1024	1035	rVB	6735255	14907502	65.51%	2.449%
61	9.448	1042	1048	1055	rVB4	1624352	3498306	15.37%	0.575%
62	9.542	1059	1064	1077	rVB4	3065822	8237072	36.20%	1.353%
63	9.659	1079	1084	1090	rBV2	958501	1982119	8.71%	0.326%
64	9.741	1090	1098	1103	rBV2	5131804	10669731	46.89%	1.753%
65	9.800	1103	1108	1112	rBV2	3570654	5704721	25.07%	0.937%
66	9.847	1112	1116	1122	rVB3	1199151	2429468	10.68%	0.399%
67	9.994	1131	1141	1145	rBV2	2205186	6141019	26.99%	1.009%
68	10.041	1145	1149	1154	rVB4	1385074	2504659	11.01%	0.411%
69	10.111	1154	1161	1165	rBV3	2095639	4961199	21.80%	0.815%
70	10.176	1165	1172	1179	rVB5	6598908	16106382	70.78%	2.646%
71	10.235	1179	1182	1187	rVB2	923866	1265430	5.56%	0.208%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.335	1189	1199	1203	rBV3	9191033	22697763	99.74%	3.728%
73	10.417	1210	1213	1217	rVB	1063830	1496085	6.57%	0.246%
74	10.493	1218	1226	1231	rVB3	2962209	6848752	30.10%	1.125%
75	10.564	1232	1238	1241	rBV2	1051313	1813322	7.97%	0.298%
76	10.611	1241	1246	1254	rVB	3111322	5788645	25.44%	0.951%
77	10.875	1275	1291	1292	rBV6	3015836	10546953	46.35%	1.732%
78	10.911	1293	1297	1301	rVV2	5221982	9317774	40.95%	1.531%
79	10.981	1301	1309	1314	rVB3	4192147	10454652	45.94%	1.717%
80	11.046	1314	1320	1326	rVB2	7471522	14355034	63.08%	2.358%
81	11.128	1326	1334	1339	rBV5	3075110	6437537	28.29%	1.057%
82	11.281	1352	1360	1363	rBV4	1077299	2379888	10.46%	0.391%
83	11.322	1363	1367	1373	rVB2	1258066	2238114	9.84%	0.368%
84	11.392	1374	1379	1385	rVB4	1162072	2630194	11.56%	0.432%
85	11.516	1395	1400	1404	rBV2	1187176	2252333	9.90%	0.370%
86	11.586	1407	1412	1415	rBV	2475142	5004812	21.99%	0.822%
87	11.727	1433	1436	1445	rVB6	1057799	2092816	9.20%	0.344%
88	11.839	1445	1455	1460	rBV3	4072580	9959761	43.77%	1.636%
89	11.909	1460	1467	1471	rBV3	2581074	4654168	20.45%	0.765%
90	12.021	1480	1486	1492	rVB2	2326994	4777955	21.00%	0.785%
91	12.115	1496	1502	1507	rBV5	2606096	5301674	23.30%	0.871%
92	12.297	1528	1533	1541	rBV2	2008215	4868703	21.39%	0.800%
93	12.597	1576	1584	1589	rVB	6804182	14171114	62.27%	2.328%
94	12.802	1614	1619	1625	rVV	3585662	6510695	28.61%	1.069%
95	13.084	1662	1667	1674	rVB3	600906	1256705	5.52%	0.206%
96	13.355	1707	1713	1722	rVB	1476927	2702619	11.88%	0.444%
97	13.901	1798	1806	1812	rVB3	582898	1514333	6.65%	0.249%
98	14.042	1825	1830	1836	rBV	634985	1265836	5.56%	0.208%
99	16.216	2194	2200	2206	rBV	1002301	1612804	7.09%	0.265%
100	20.070	2850	2856	2862	rBV	2085571	2908969	12.78%	0.478%

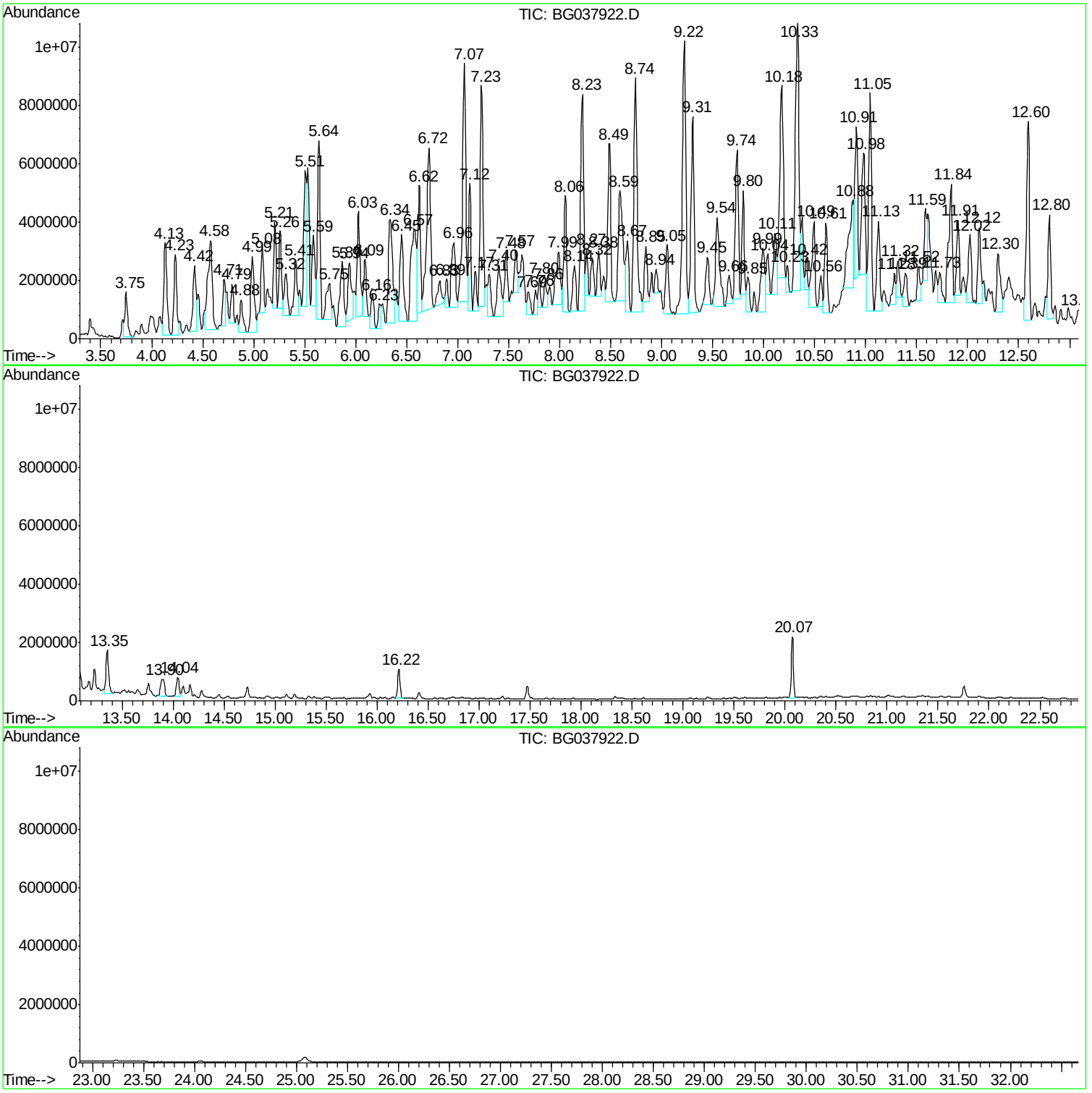
Sum of corrected areas: 608771133

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

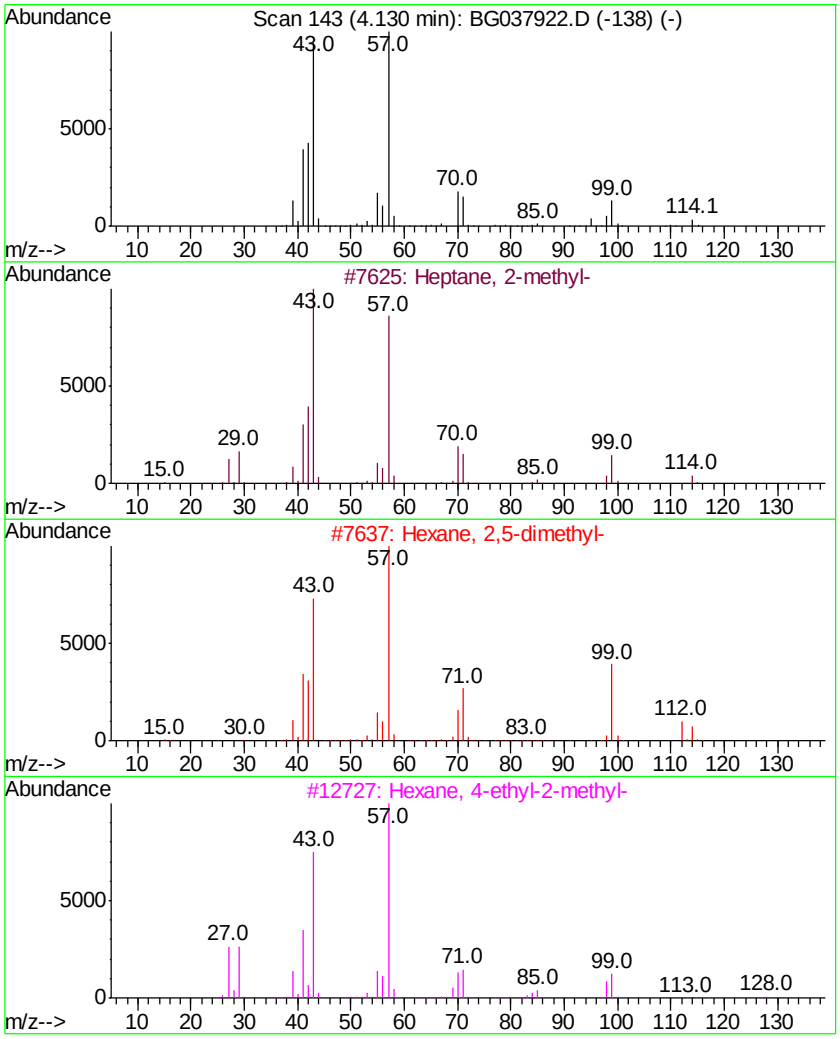
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

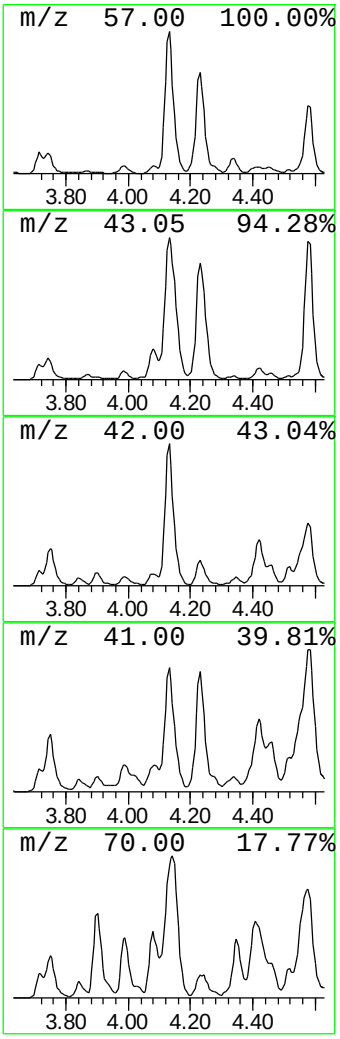
****

Peak Number 1 Heptane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	41.65 ng	7008010	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	47
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	38
5	Sulfurous acid, 2-propyl heptyl ...	222	C10H22O3S	1000309-11-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

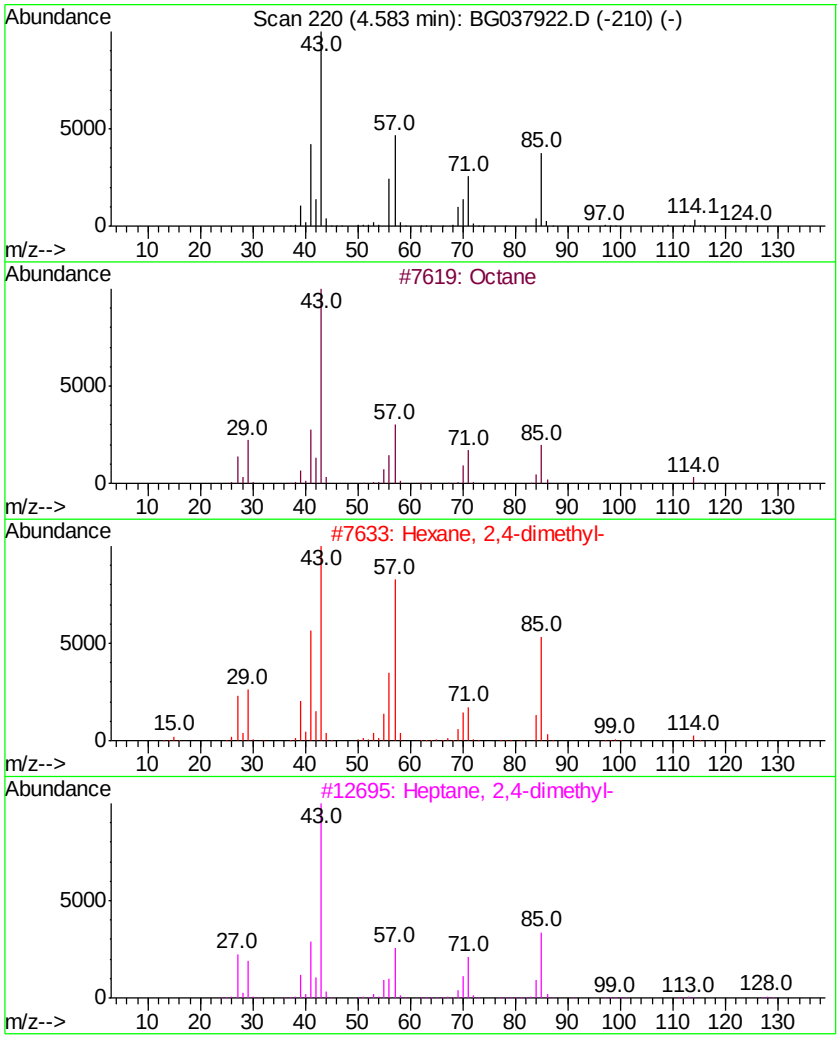
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

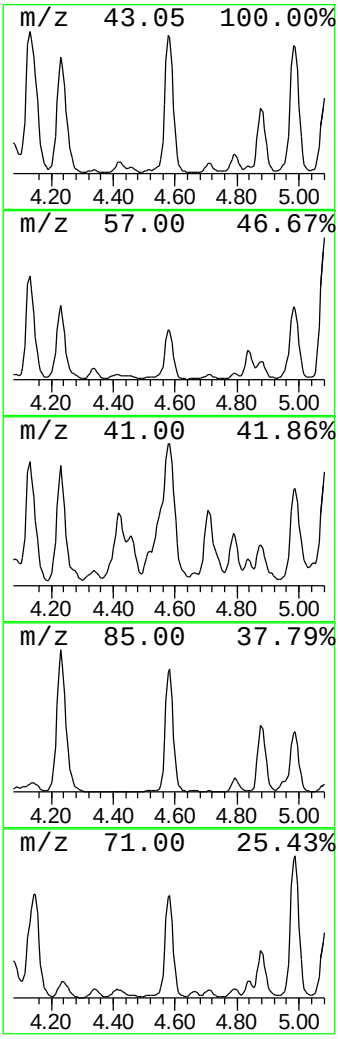
****

Peak Number 2 Octane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	55.89 ng	9404710	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	80
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

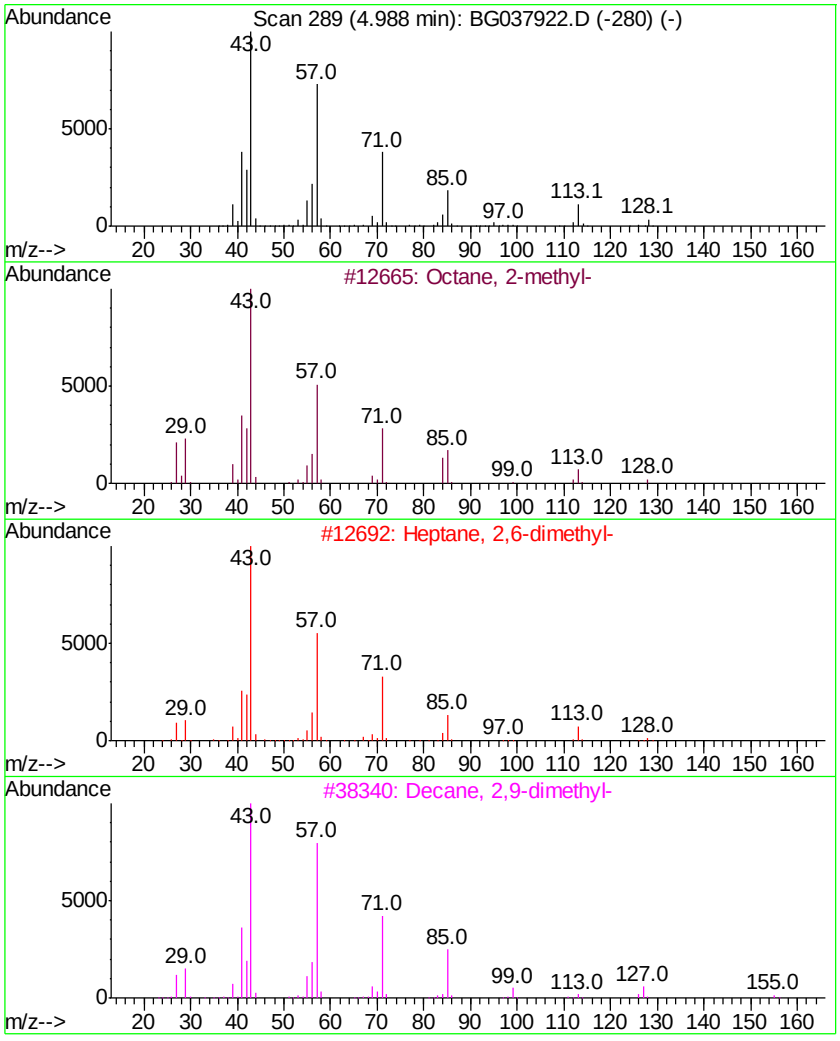
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

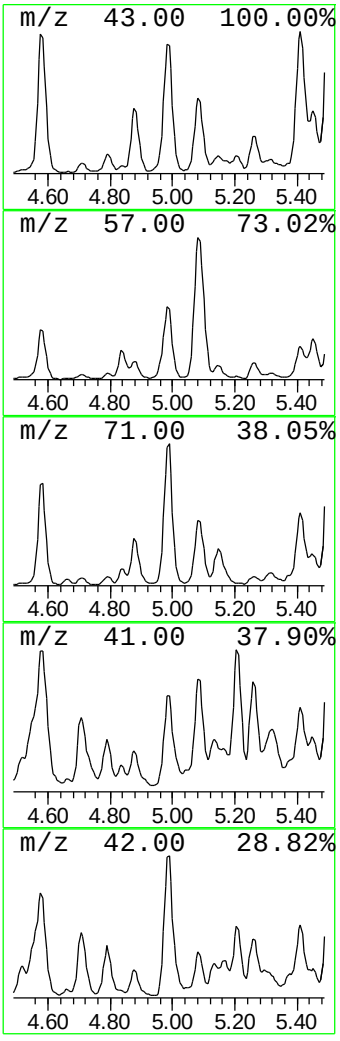
****

Peak Number 3 Octane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	36.76 ng	6185030	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	91
2	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	59
5	Tridecane	184	C13H28	000629-50-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

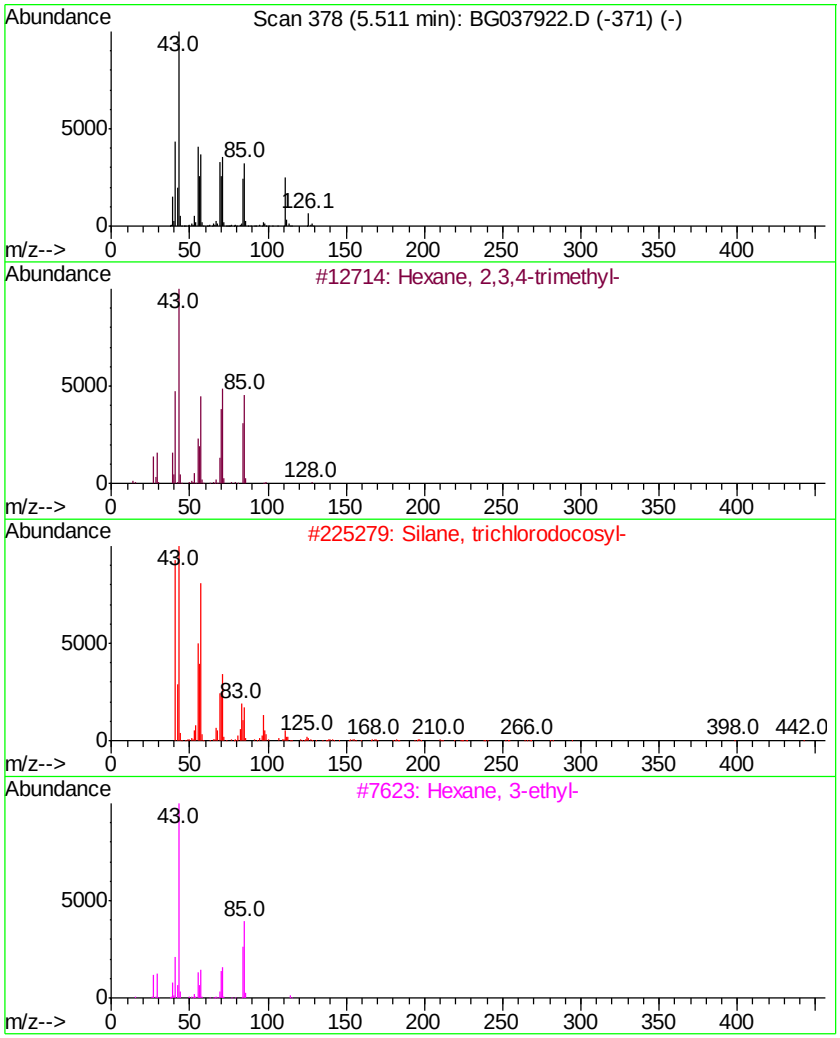
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

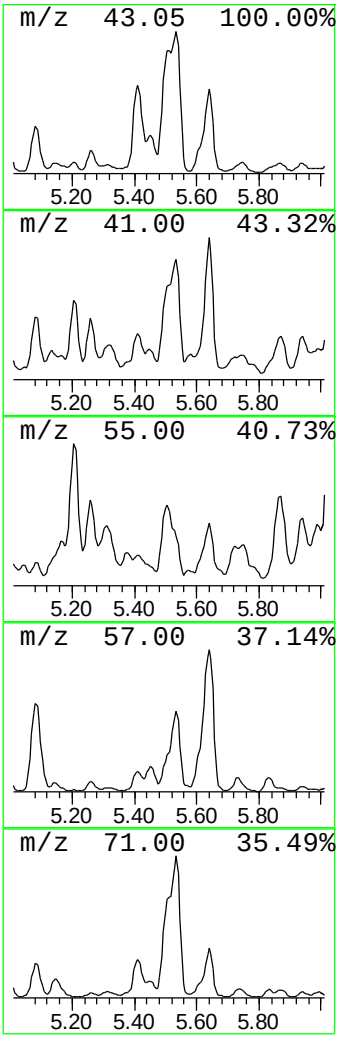
****

Peak Number 4 Hexane, 2,3,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	50.86 ng	8558950	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	53
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
4	Octane, 4-methyl-	128	C9H20	002216-34-4	50
5	Octane	114	C8H18	000111-65-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

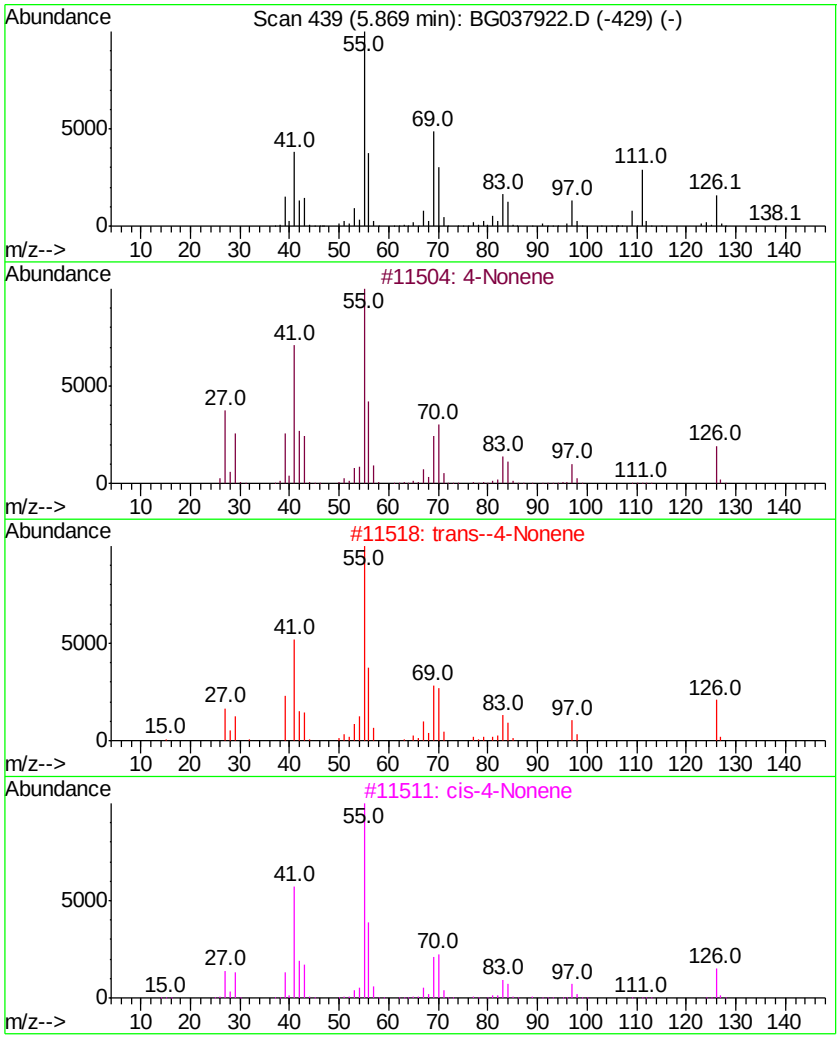
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

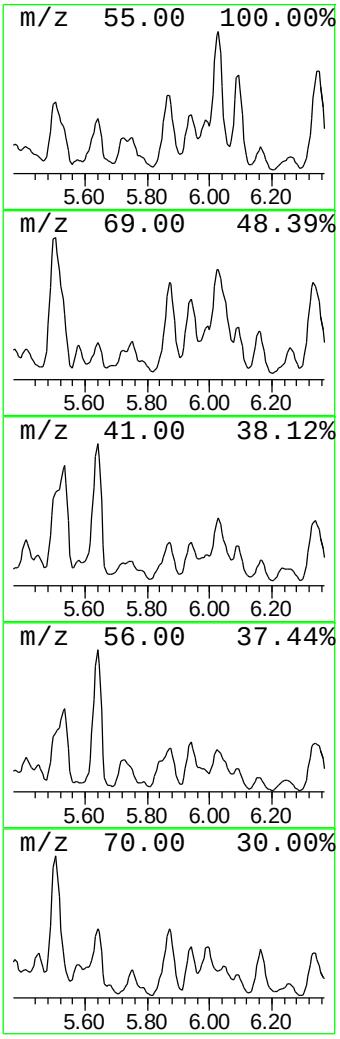
****

Peak Number 5 4-Nonene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	35.40 ng	5956740	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene	126	C9H18	002198-23-4	76
2	trans--4-Nonene	126	C9H18	010405-85-3	76
3	cis-4-Nonene	126	C9H18	010405-84-2	76
4	3-Nonene	126	C9H18	020063-77-8	58
5	2-Nonene, (E)-	126	C9H18	006434-78-2	52





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Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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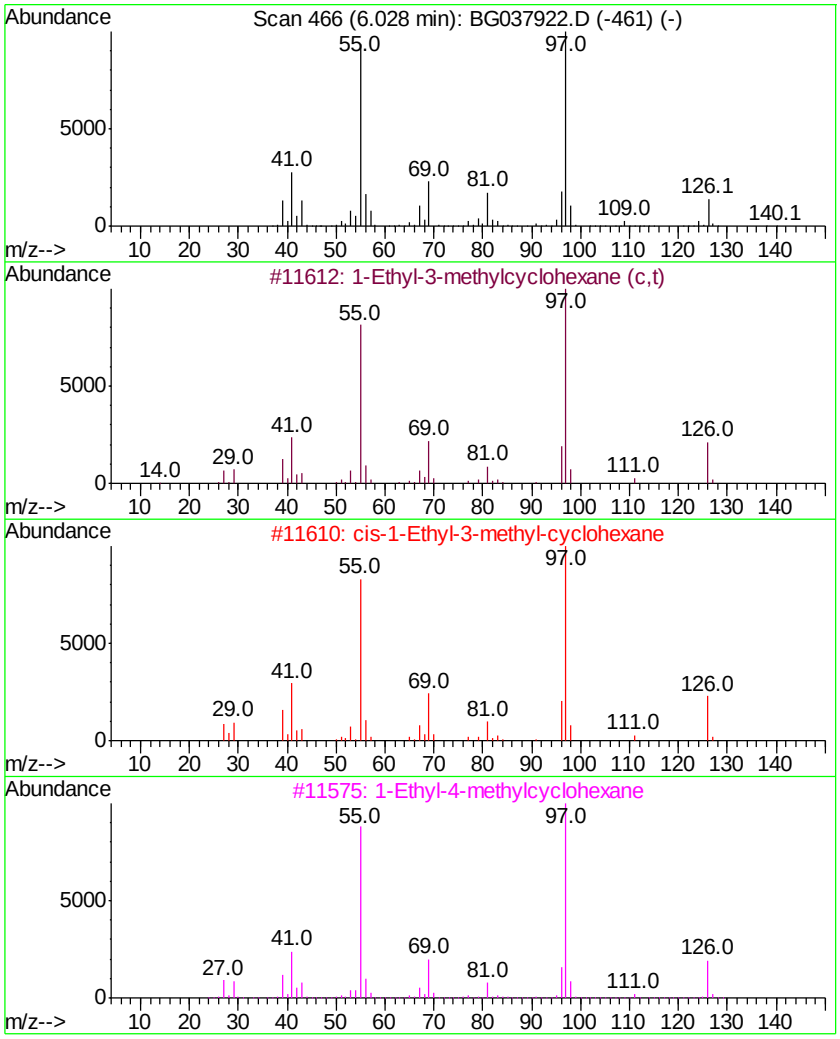
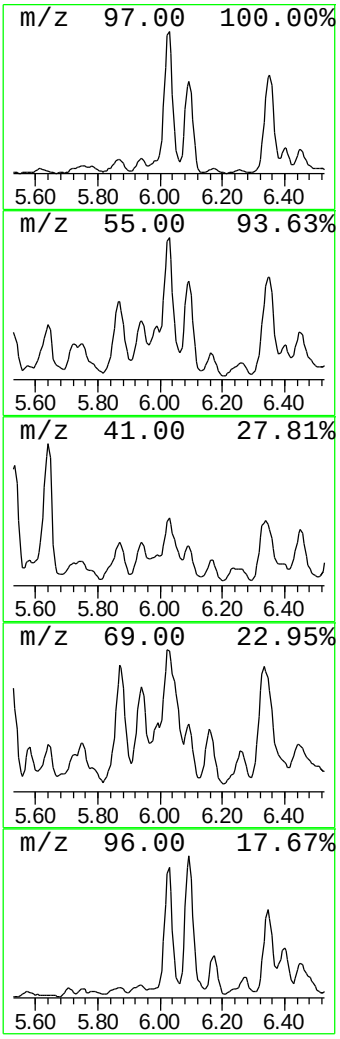
Peak Number 6 1-Ethyl-3-methylcyclohexane... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	47.56 ng	8003760	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	91
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	83
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78





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Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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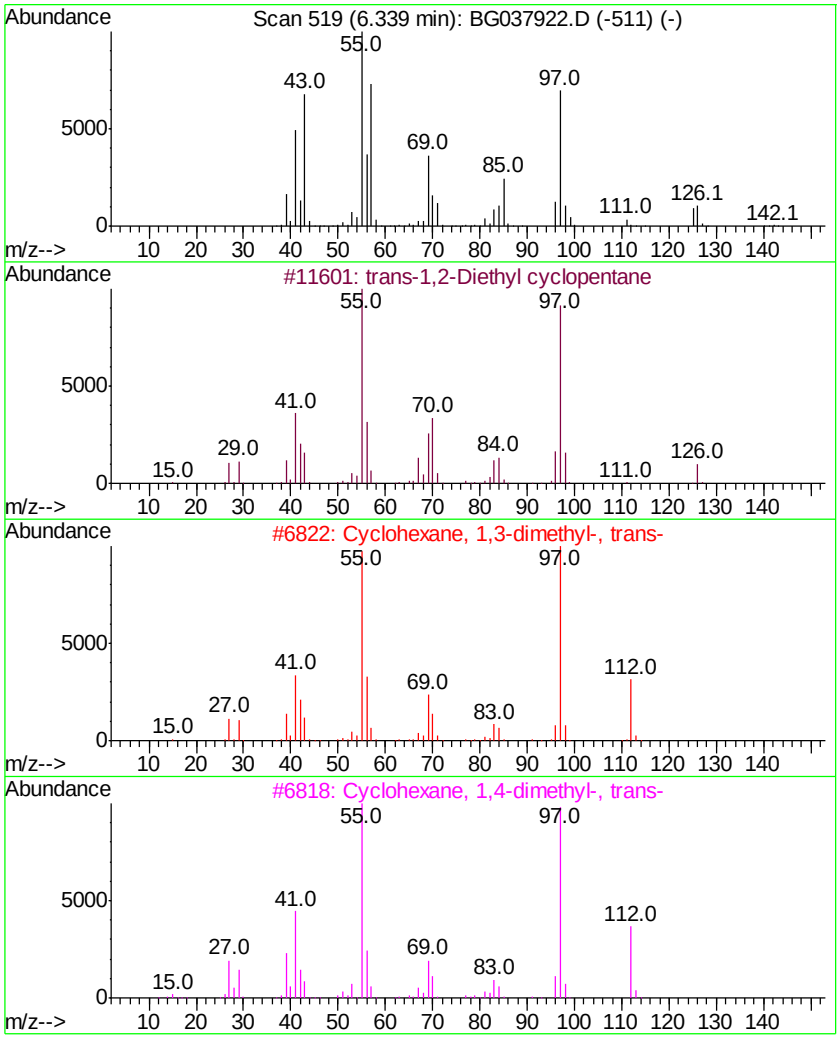
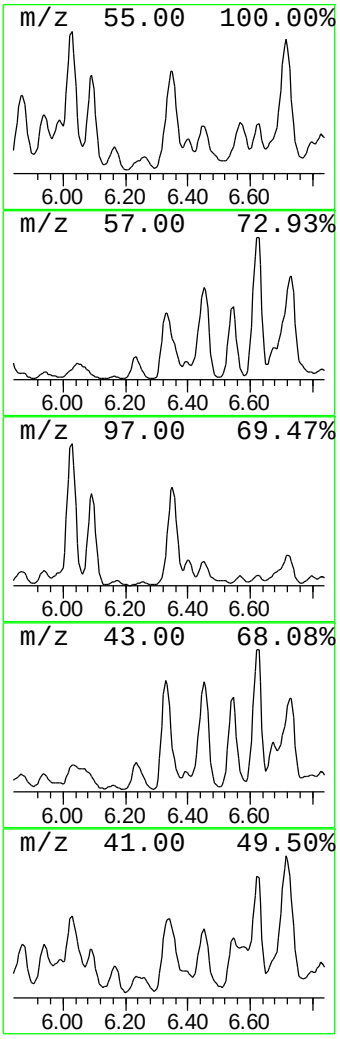
Peak Number 7 trans-1,2-Diethyl cyclopentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	62.96 ng	10594000	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	72
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	50
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	49
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46





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Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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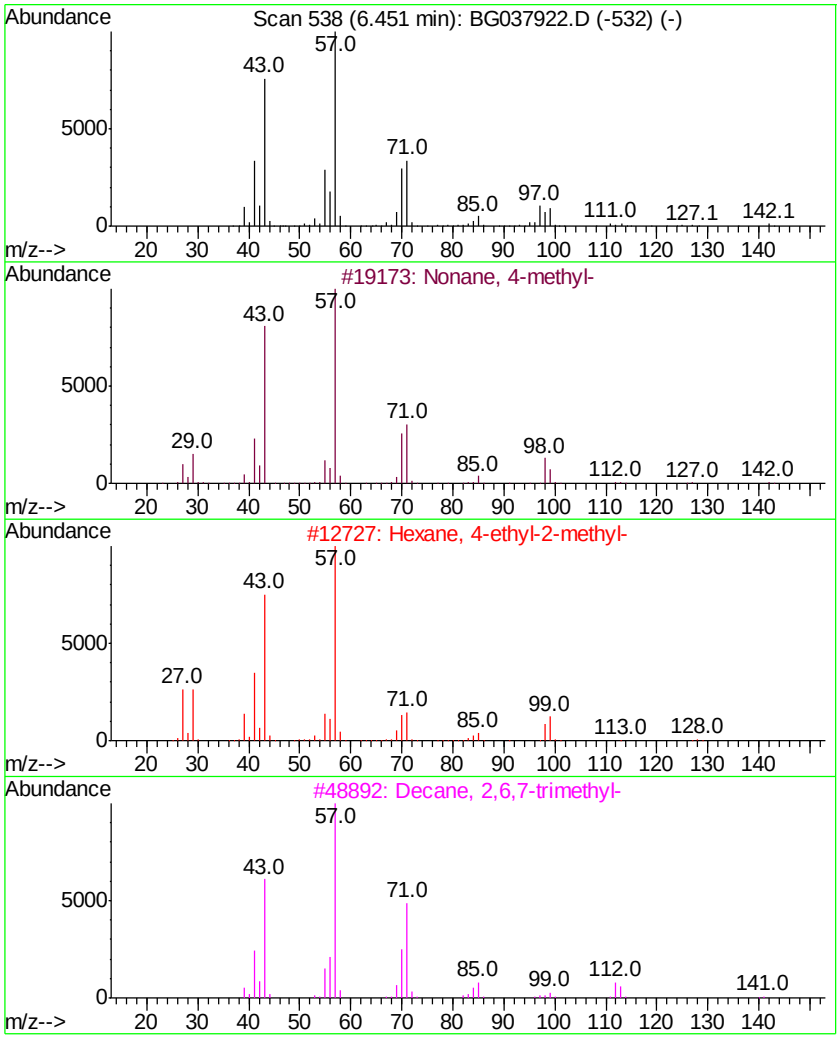
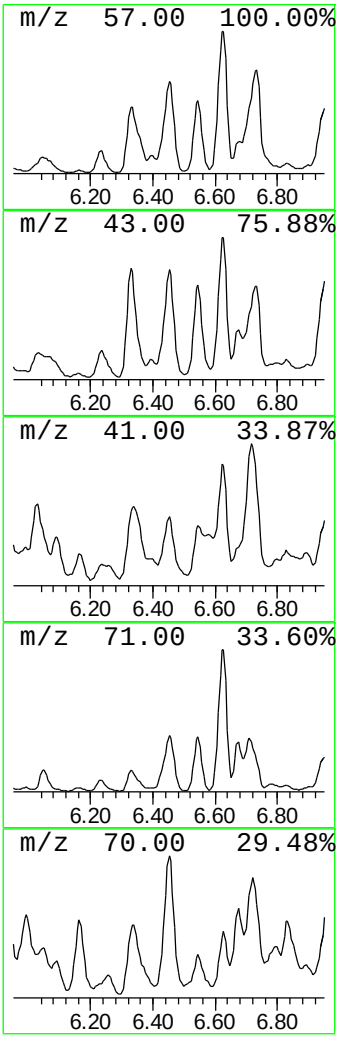
Peak Number 8 Nonane, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	42.56 ng	7162280	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	83
2	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58





Library Search Compound Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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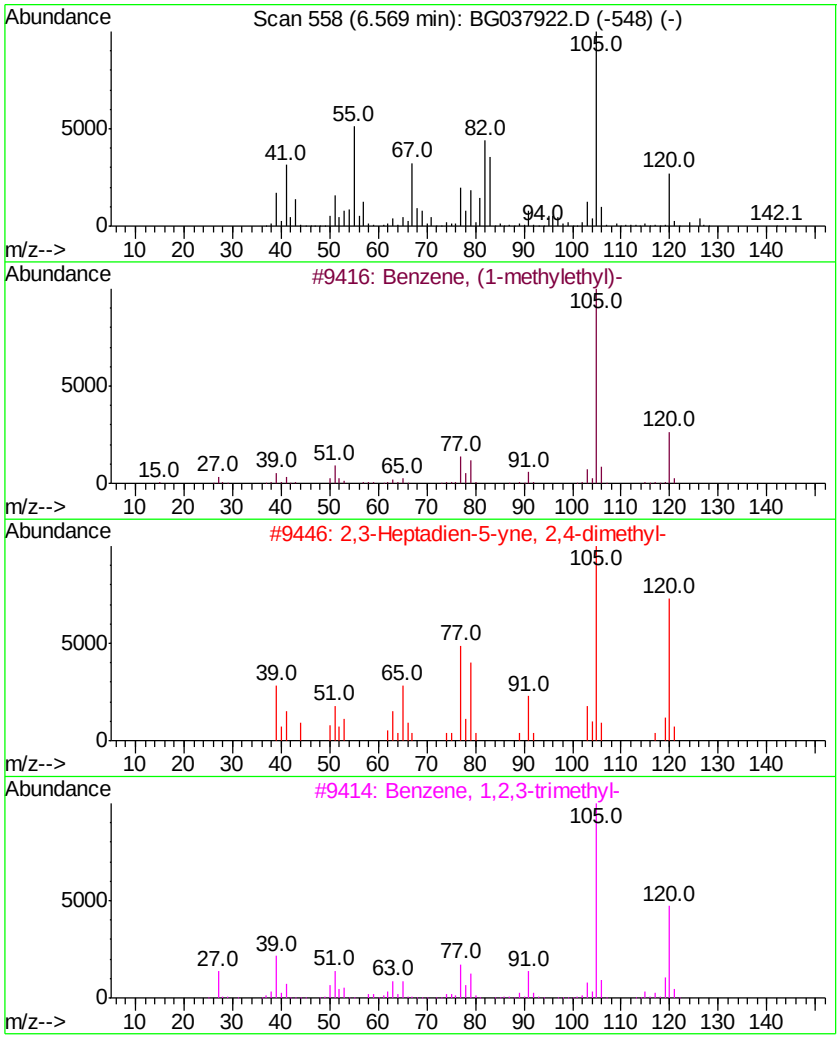
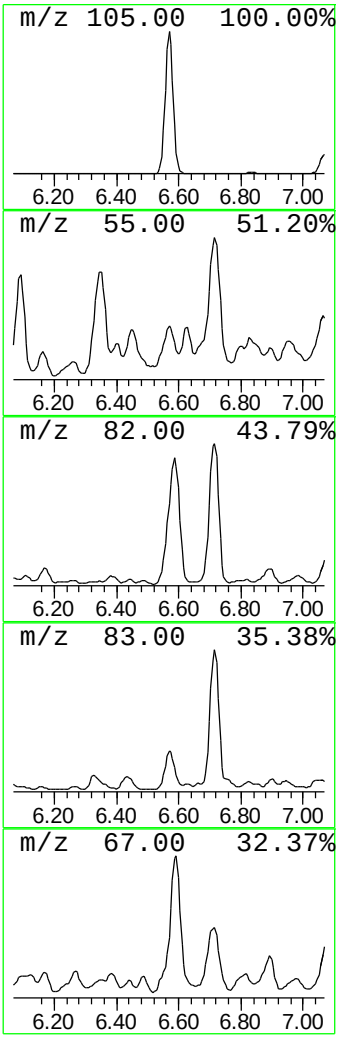
Peak Number 9 unknown6.57 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	67.88 ng	11421900	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	42
2	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	30
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	30
4	3-Hexyne	82	C6H10	000928-49-4	27
5	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	27





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Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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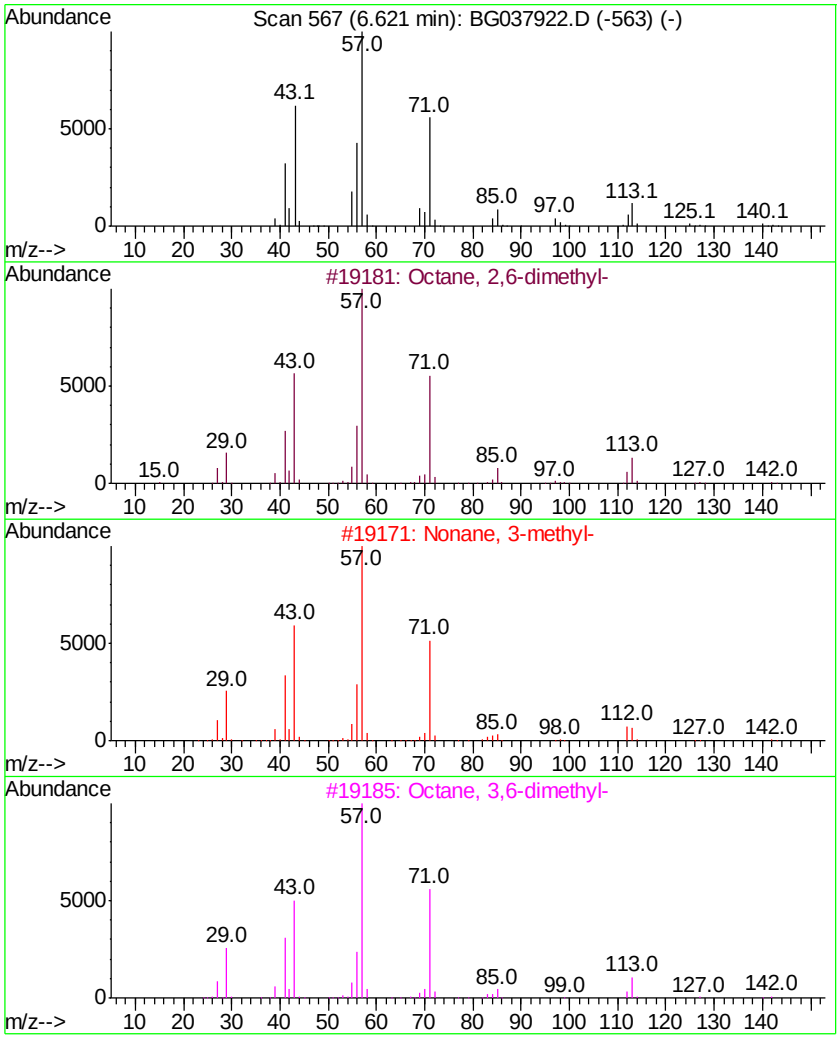
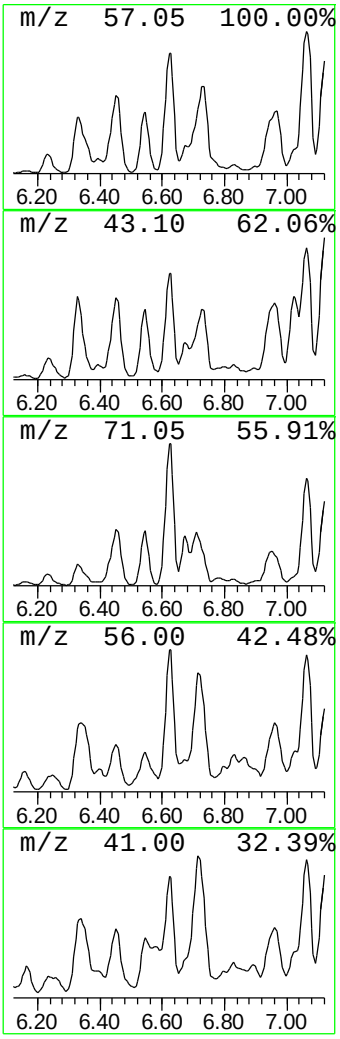
Peak Number 10 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	50.30 ng	8464520	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	59
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53





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Sample : J5860-25
Misc :
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Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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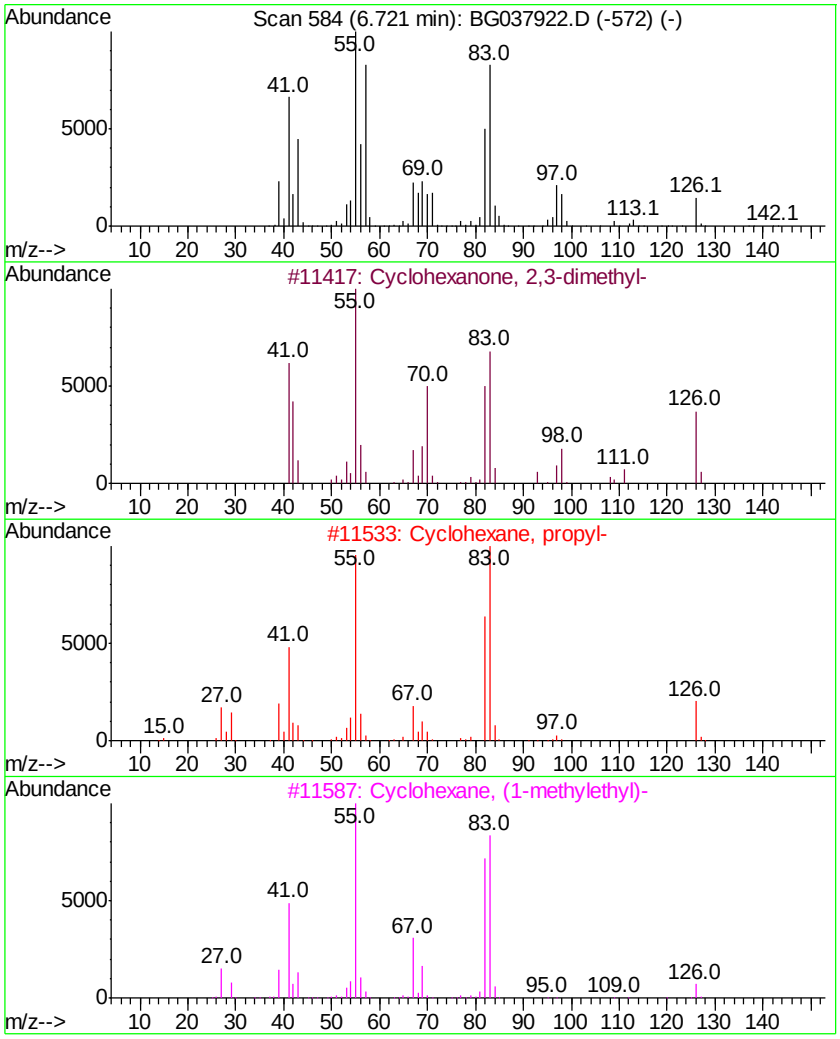
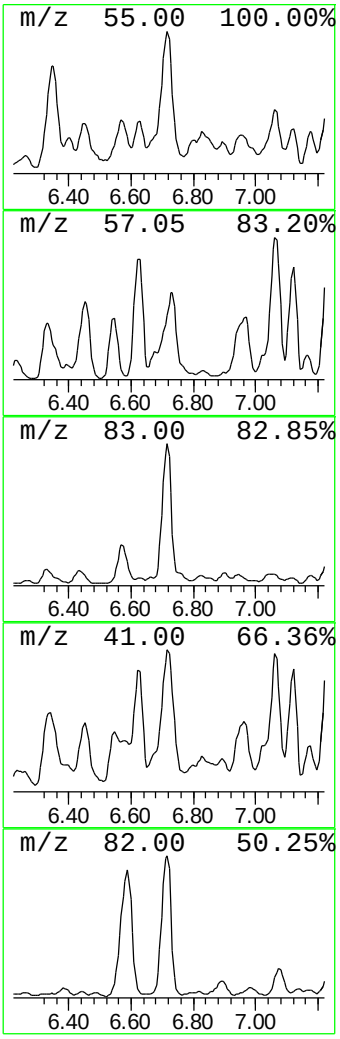
Peak Number 11 Cyclohexanone, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	95.06 ng	15996300	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	58
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
5	2-Bromopropionic acid, cyclohexy...	234	C9H15BrO2	015151-89-0	43





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Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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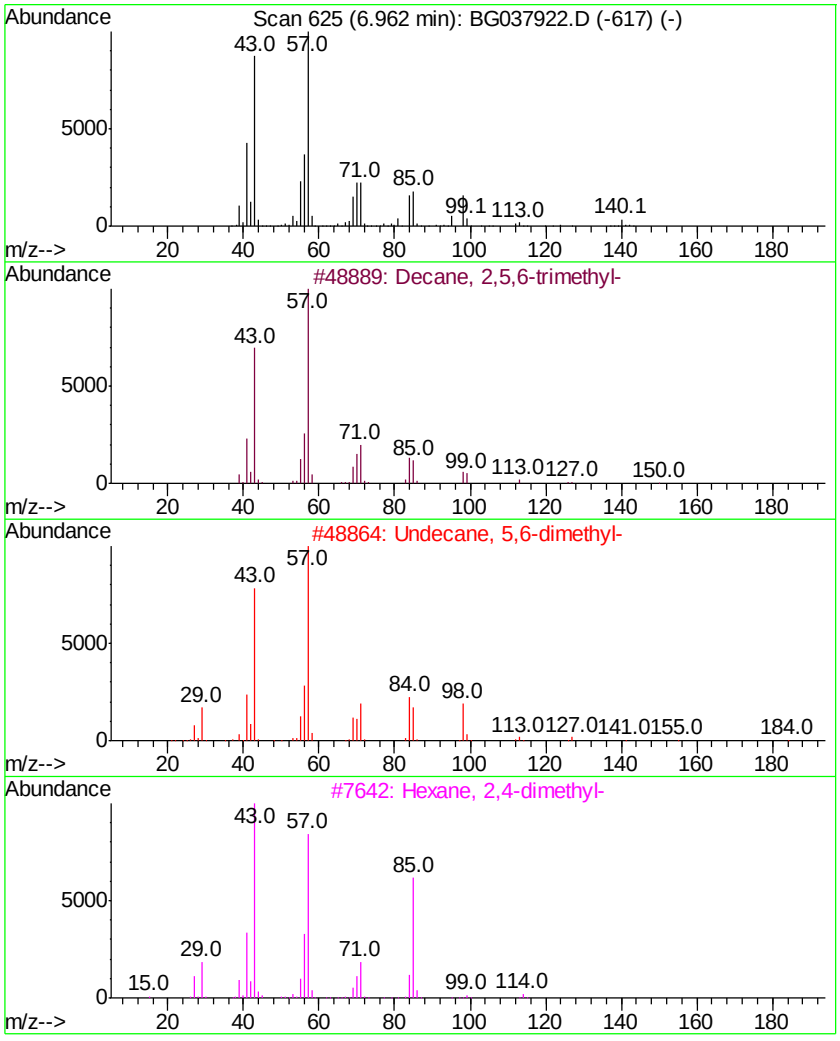
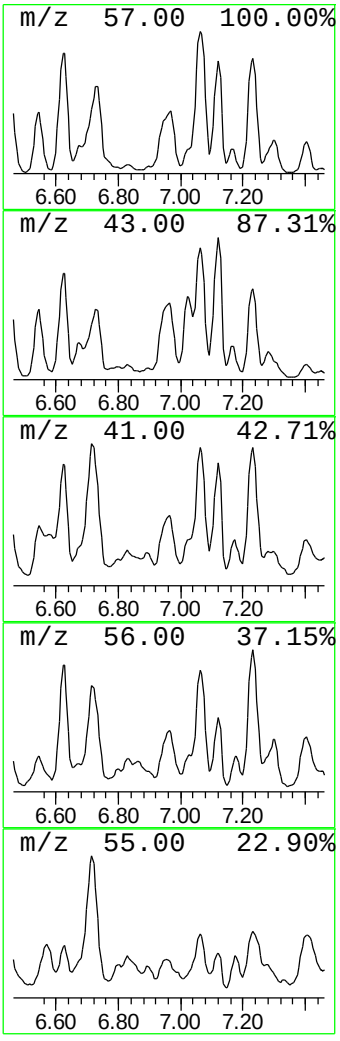
Peak Number 12 Decane, 2,5,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	35.37 ng	5951860	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	50
5	Decane, 5-methyl-	156	C11H24	013151-35-4	47





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Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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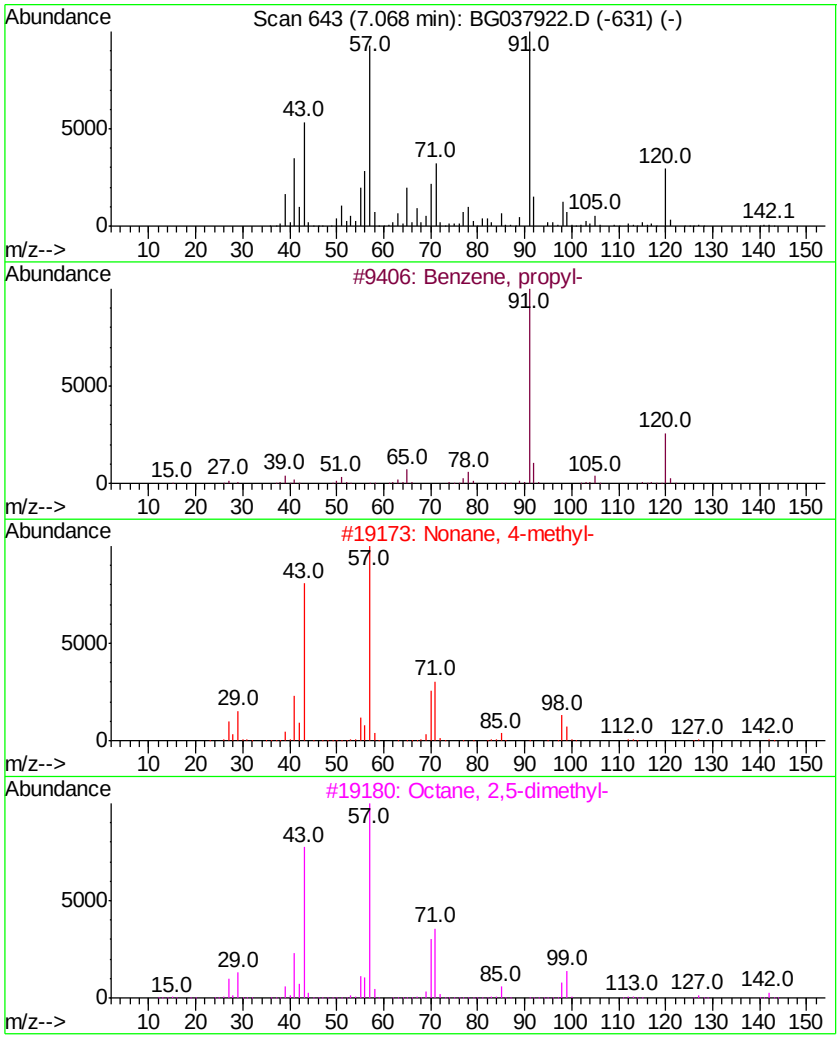
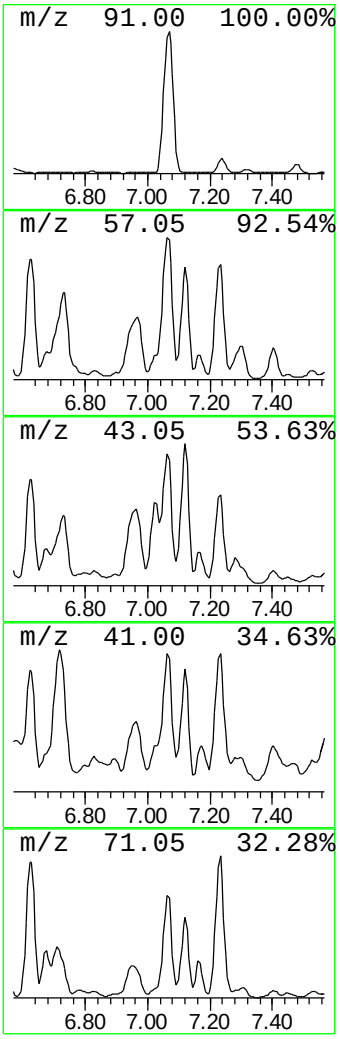
Peak Number 13 unknown7.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	109.19 ng	18373100	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	42
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	35
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	27
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	27





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Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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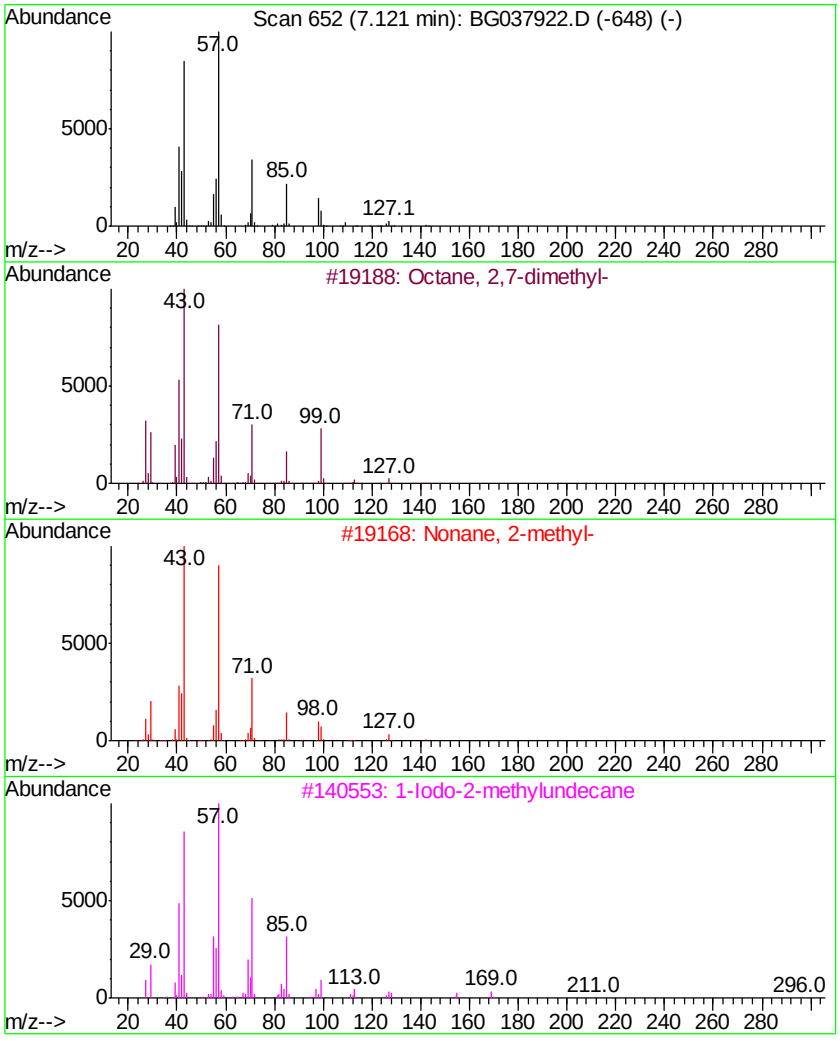
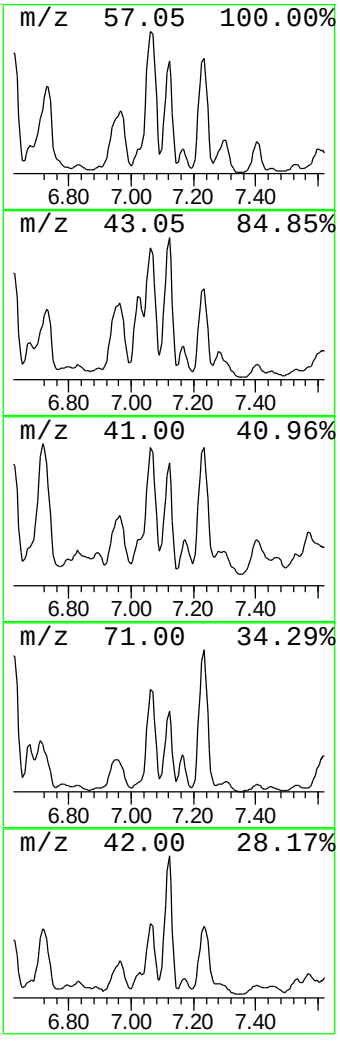
Peak Number 14 Octane, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	40.71 ng	6850700	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	52
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : EP2-SB-111(17-19)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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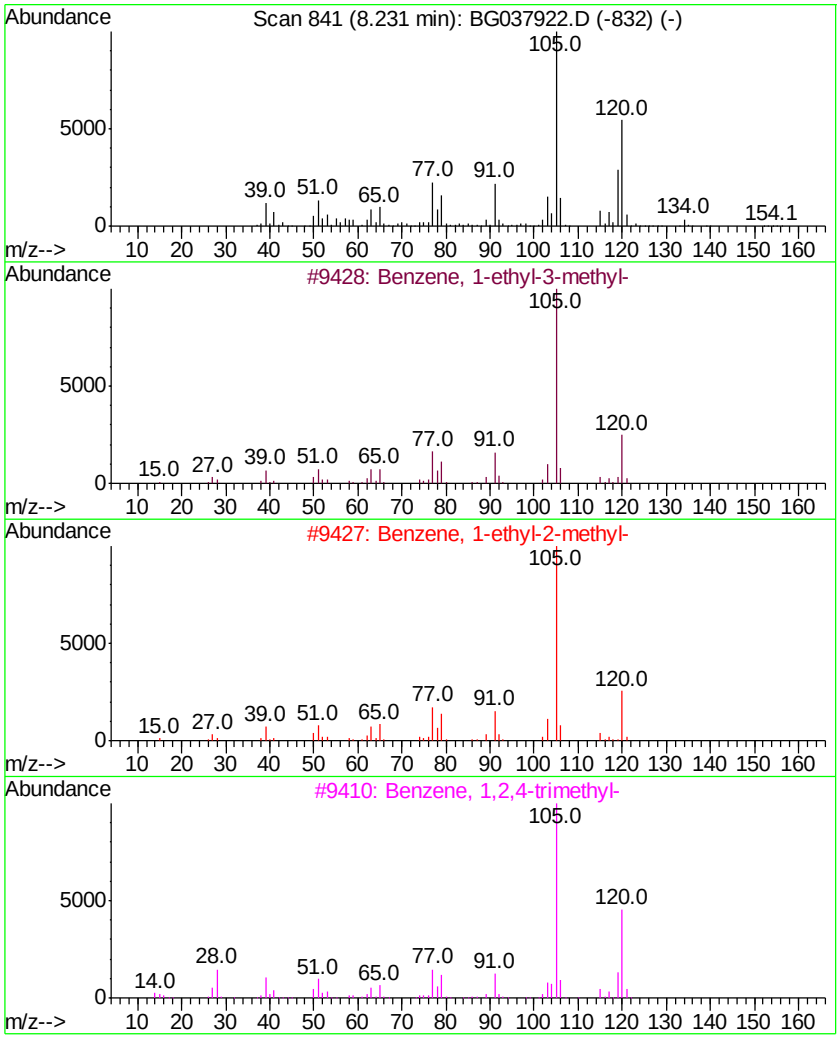
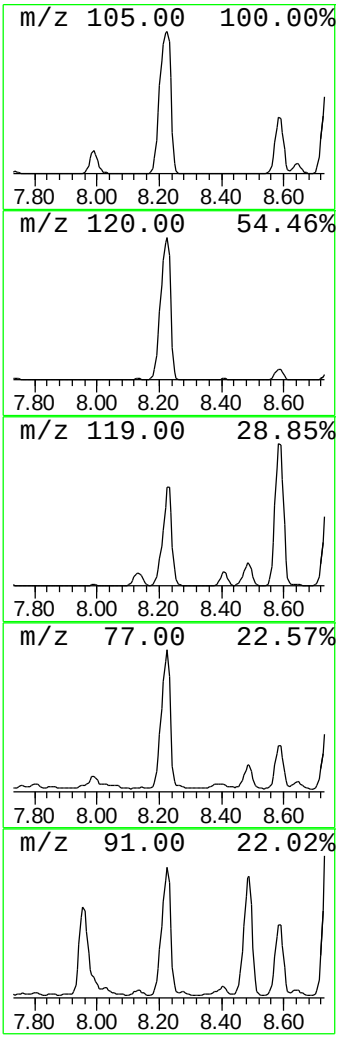
Peak Number 15 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	98.54 ng	16581500	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	74





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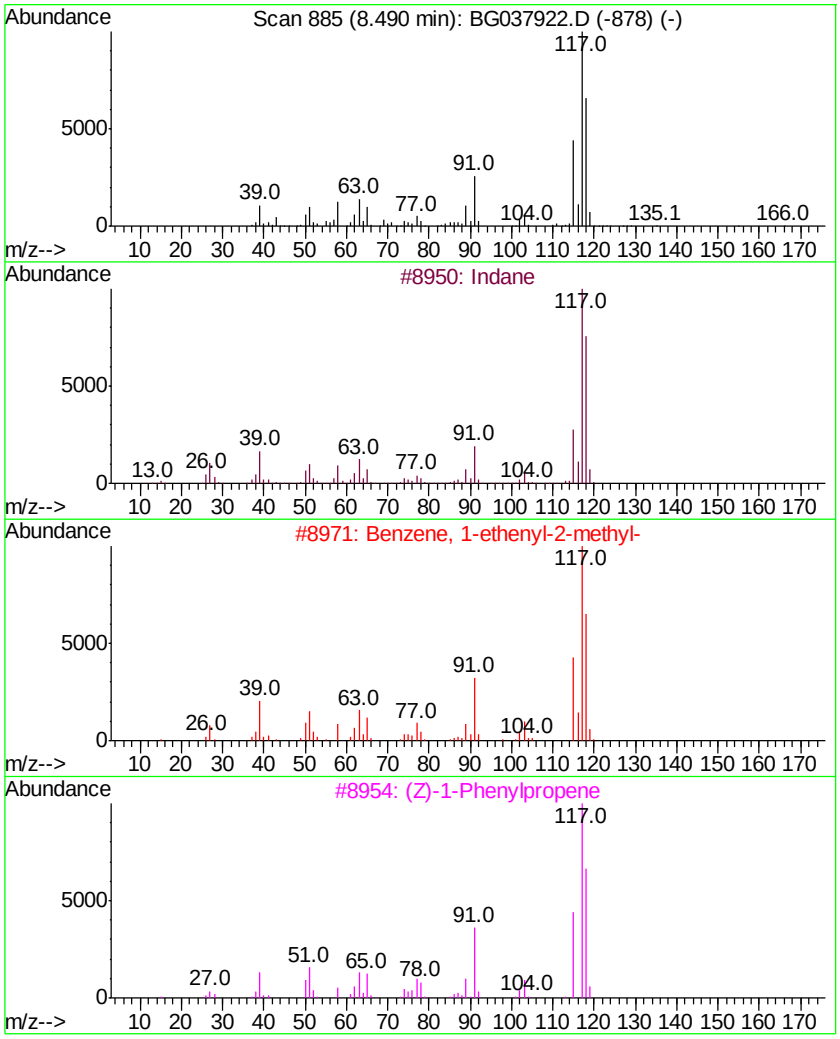
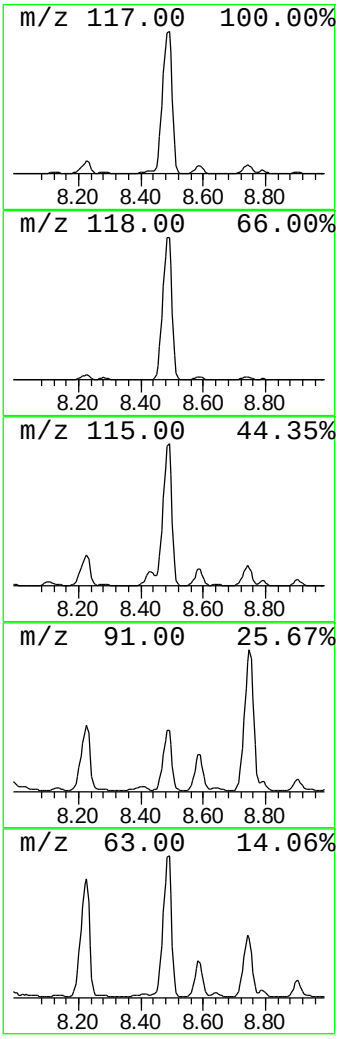
Peak Number 16 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	64.06 ng	10779800	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

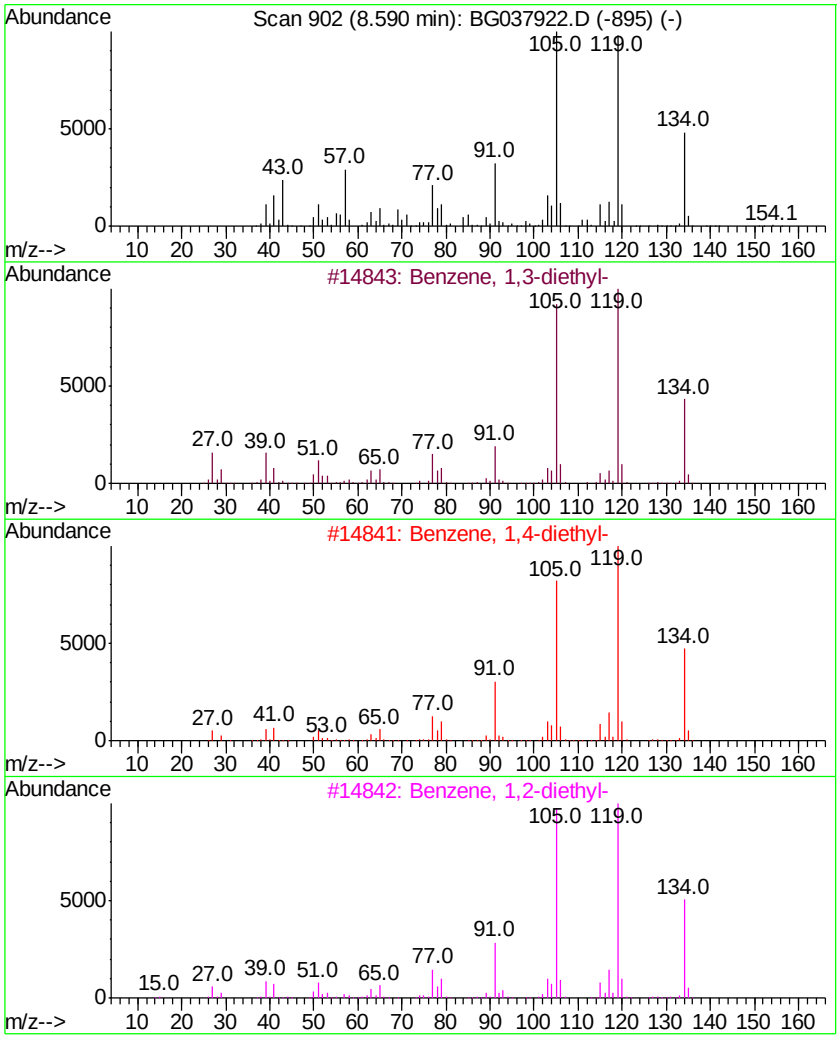
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

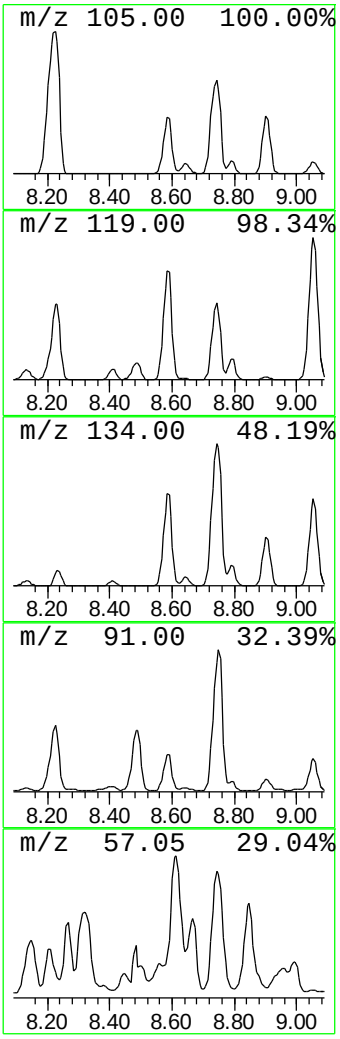
****

Peak Number 17 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	70.74 ng	11903100	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

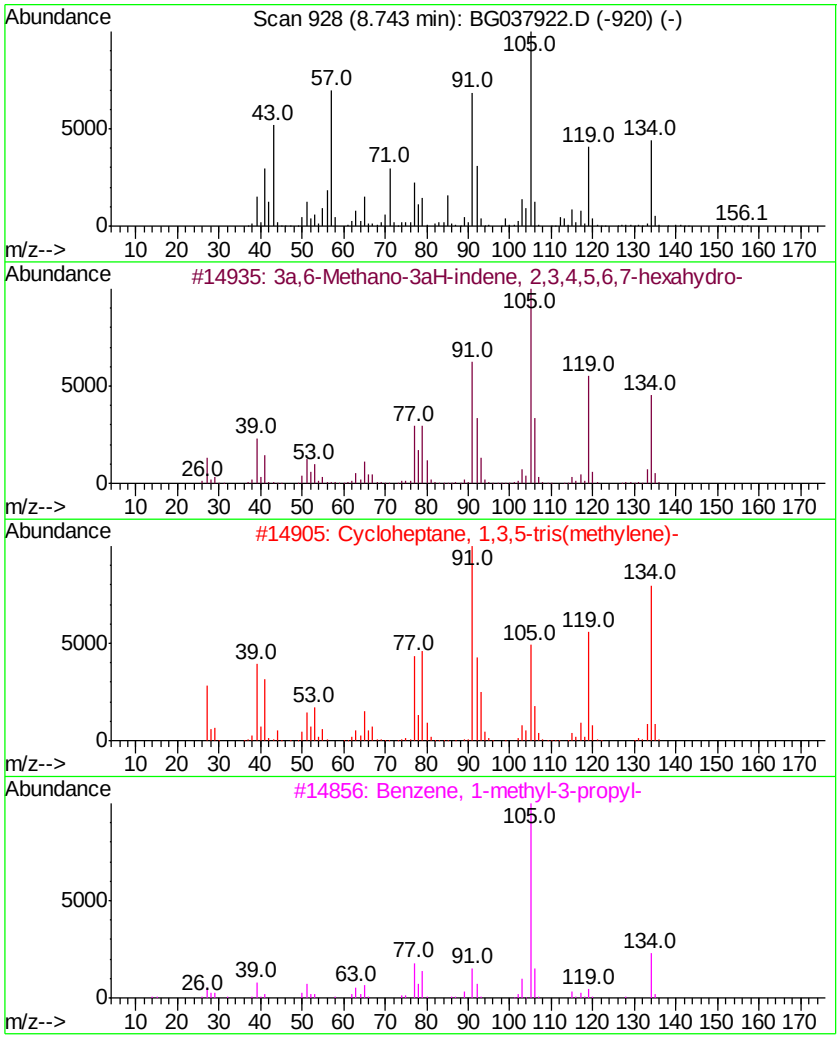
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

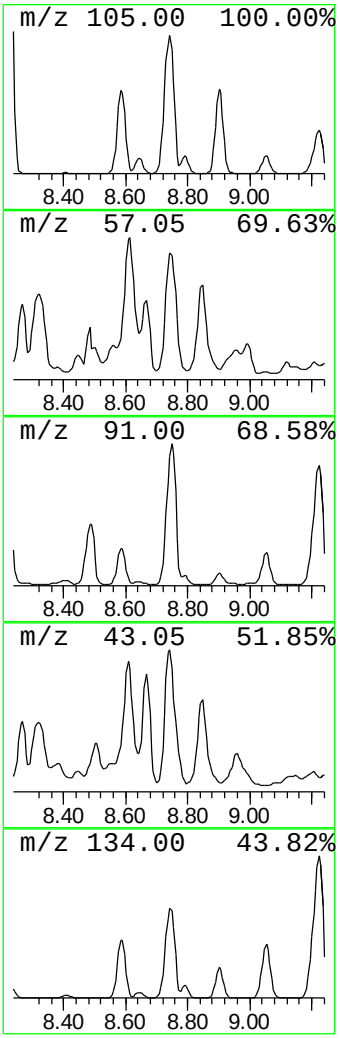
****

Peak Number 18 3a,6-Methano-3aH-indene, 2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	110.73 ng	18633800	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	64
2	Cycloheptane, 1,3,5-tris(methyle...	134	C10H14	068284-24-2	62
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
4	2-Tolyloxirane	134	C9H10O	002783-26-8	55
5	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

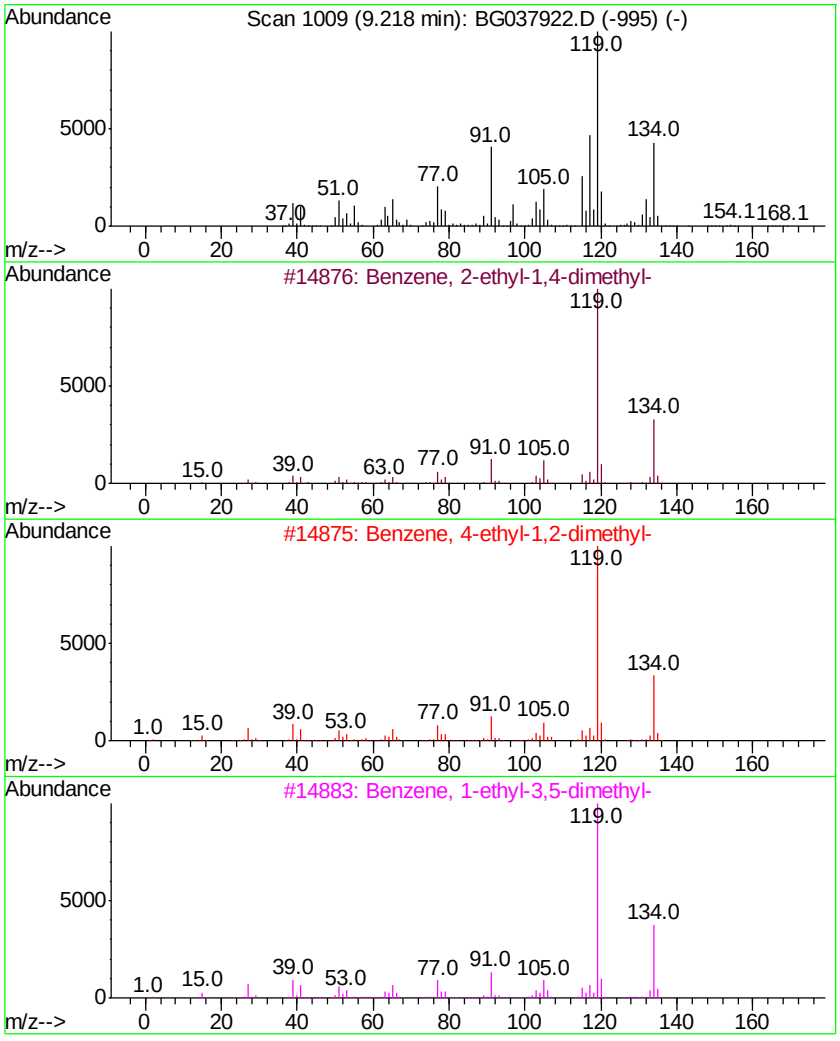
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

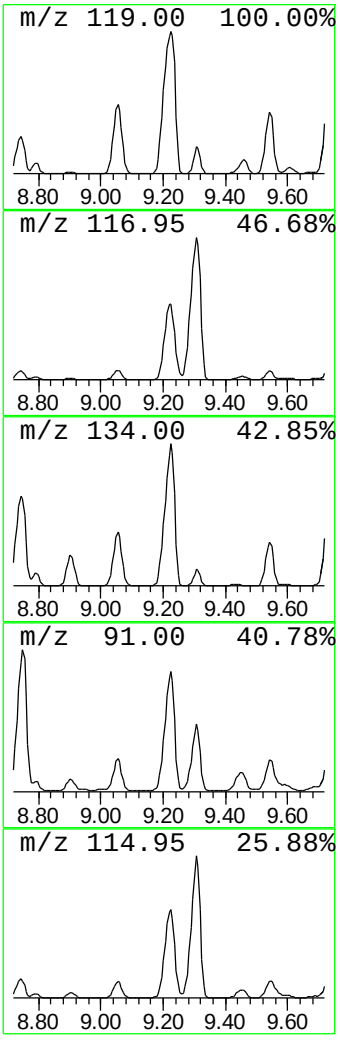
****

Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	135.23 ng	22756500	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	53
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

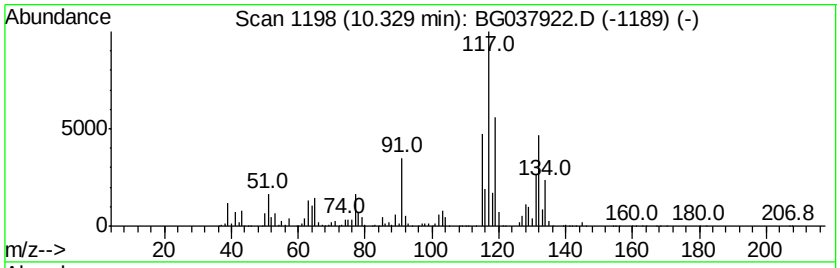
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

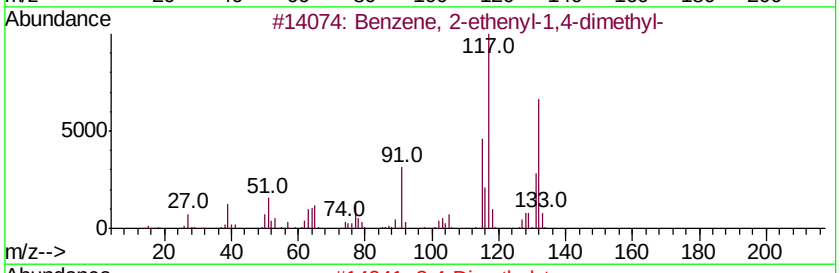
****

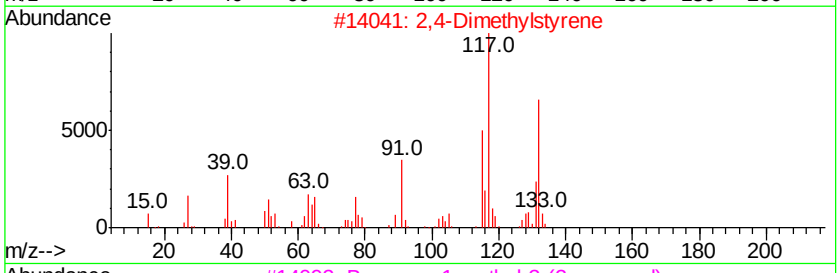
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

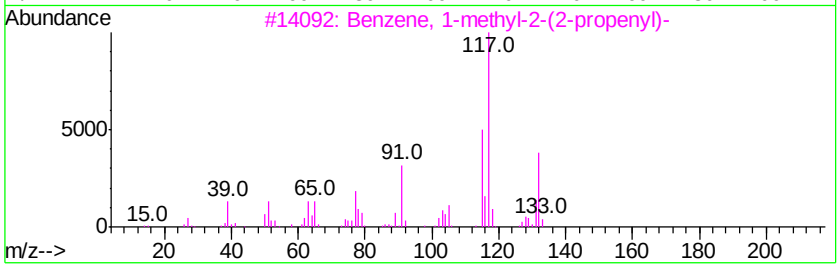
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	48.72 ng	22697800	Naphthalene-d8	10.93

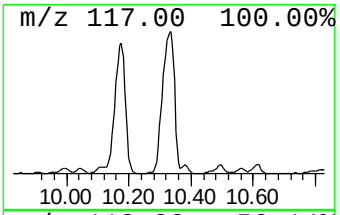
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86

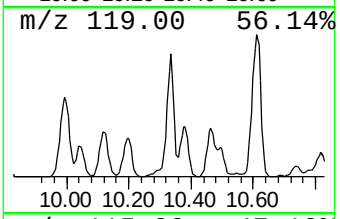


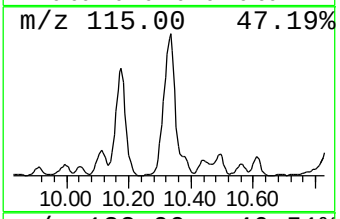


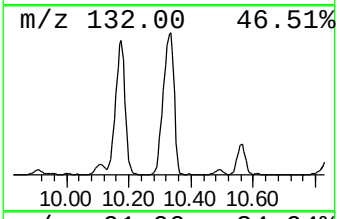


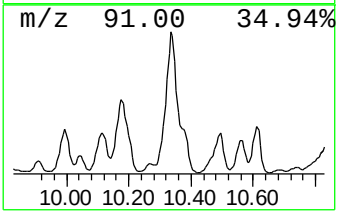












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110918\
Data File : BG037922.D
Acq On : 9 Nov 2018 16:03
Operator : JU/SJ
Sample : J5860-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-111(17-19)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.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
Heptane, 2-methyl-	4.13	41.6	ng	7008010	1	8.10	3365500	20.0
Octane	4.58	55.9	ng	9404710	1	8.10	3365500	20.0
Octane, 2-methyl-	4.99	36.8	ng	6185030	1	8.10	3365500	20.0
Hexane, 2,3,4-tri...	5.51	50.9	ng	8558950	1	8.10	3365500	20.0
4-Nonene	5.87	35.4	ng	5956740	1	8.10	3365500	20.0
1-Ethyl-3-methylc...	6.03	47.6	ng	8003760	1	8.10	3365500	20.0
trans-1,2-Diethyl...	6.34	63.0	ng	10594000	1	8.10	3365500	20.0
Nonane, 4-methyl-	6.45	42.6	ng	7162280	1	8.10	3365500	20.0
unknown6.57	6.57	67.9	ng	11421900	1	8.10	3365500	20.0
Octane, 2,6-dimet...	6.62	50.3	ng	8464520	1	8.10	3365500	20.0
Cyclohexanone, 2,...	6.72	95.1	ng	15996300	1	8.10	3365500	20.0
Decane, 2,5,6-tri...	6.96	35.4	ng	5951860	1	8.10	3365500	20.0
unknown7.07	7.07	109.2	ng	18373100	1	8.10	3365500	20.0
Octane, 2,7-dimet...	7.12	40.7	ng	6850700	1	8.10	3365500	20.0
Benzene, 1-ethyl-...	8.23	98.5	ng	16581500	1	8.10	3365500	20.0
Indane	8.49	64.1	ng	10779800	1	8.10	3365500	20.0
Benzene, 1,3-diet...	8.59	70.7	ng	11903100	1	8.10	3365500	20.0
3a,6-Methano-3aH-...	8.74	110.7	ng	18633800	1	8.10	3365500	20.0
Benzene, 2-ethyl-...	9.22	135.2	ng	22756500	1	8.10	3365500	20.0
Benzene, 2-etheny...	10.33	48.7	ng	22697800	2	10.93	9317770	20.0