LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037921.D
Acq On : 9 Nov 2018 15:24
Operator : JU/SJ
Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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	3.987	112	119	129	rBV2	1405732	2858185	5.51%	0.398%
2	4.081	129	135	140	rBV	1929394	3754694	7.24%	0.523%
3	4.128	140	143	153	rVB3	1586952	3300678	6.36%	0.460%
4	4.228	153	160	167	rBV	1717944	3506108	6.76%	0.489%
5	4.334	172	178	185	rBV	2831308	5173312	9.97%	0.721%
6	4.581	210	220	231	rVB2	2552373	6465219	12.46%	0.901%
7	4.792	251	256	261	rBV	1323696	2101454	4.05%	0.293%
8	4.874	266	270	280	rVB2	750831	1406066	2.71%	0.196%
9	4.980	280	288	296	rBV2	1068954	2712088	5.23%	0.378%
10	5.080	296	305	310	rBV	1796424	3480392	6.71%	0.485%
11	5.204	322	326	331	rVB	857463	1336456	2.58%	0.186%
12	5.256	331	335	339	rBV2	838019	1370829	2.64%	0.191%
13	5.309	339	344	352	rVB6	850537	2163487	4.17%	0.302%
14	5.409	353	361	365	rBV	984808	2157168	4.16%	0.301%
15	5.509	371	378	379	rBV2	2696006	4745666	9.15%	0.662%
16	5.585	386	391	396	rBV	5258349	10139226	19.55%	1.413%
17	5.638	396	400	407	rVB2	4333112	8152978	15.72%	1.137%
18	5.744	407	418	428	rBV2	7866270	20136050	38.82%	2.807%
19	5.832	428	433	436	rBV	1382270	2525989	4.87%	0.352%
20	5.938	445	451	455	rBV3	768732	1585680	3.06%	0.221%
21	6.073	461	474	485	rVB3	3674795	11245493	21.68%	1.568%
22	6.232	495	501	504	rBV5	590915	1263780	2.44%	0.176%
23	6.332	511	518	526	rBV3	2422797	6342855	12.23%	0.884%
24	6.443	531	537	547	rVB	1938086	4583168	8.84%	0.639%
25	6.543	547	554	555	rBV	1762965	2886092	5.56%	0.402%
26	6.614	562	566	572	rVB	2078633	3578291	6.90%	0.499%
27	6.708	572	582	591	rVB4	2484545	6700241	12.92%	0.934%
28	6.819	593	601	606	rBV9	353632	1104928	2.13%	0.154%
29	6.954	616	624	631	rBV4	1485715	4260208	8.21%	0.594%
30	7.066	631	643	648	rVV3	9411736	22434039	43.25%	3.127%
31	7.125	648	653	658	rVB	3138776	5696333	10.98%	0.794%
32	7.172	658	661	666	rBV3	733536	1108719	2.14%	0.155%
33	7.242	666	673	679	rBV4	10278044	23801765	45.88%	3.318%
34	7.330	679	688	693	rVB2	8521582	21220131	40.91%	2.958%

LSC Area Percent Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(17-19)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.407	693	701	708	rBV	1863471	4721108	9.10%	0.658%
36	7.483	708	714	720	rVB	3858181	7114110	13.71%	0.992%
37	7.571	724	729	731	rBV2	676386	1152090	2.22%	0.161%
38	7.789	750	766	771	rBV2	14250189	51873342	100.00%	7.231%
39	7.965	791	796	798	rBV	1604734	2752383	5.31%	0.384%
40	7.994	798	801	806	rVB2	1608335	2424797	4.67%	0.338%
41	8.059	806	812	818	rVB	3905573	7251610	13.98%	1.011%
42	8.147	819	827	832	rBV3	1396127	3093144	5.96%	0.431%
43	8.229	832	841	845	rBV3	8401215	19612097	37.81%	2.734%
44	8.312	850	855	862	rVB	2523375	5207675	10.04%	0.726%
45	8.382	862	867	871	rBV3	874561	1404552	2.71%	0.196%
46	8.488	879	885	893	rVB	5883441	11249921	21.69%	1.568%
47	8.588	894	902	906	rBV	4476147	10927748	21.07%	1.523%
48	8.752	921	930	936	rBV4	13527083	32347593	62.36%	4.509%
49	8.846	941	946	951	rVB2	1820674	3210436	6.19%	0.448%
50	8.911	951	957	961	rBV	2811940	4451633	8.58%	0.621%
51	8.958	961	965	970	rBV3	784984	1541807	2.97%	0.215%
52	9.064	976	983	987	rBV	5194191	10809735	20.84%	1.507%
53	9.122	987	993	1000	rVB	5858433	11371235	21.92%	1.585%
54	9.228	1002	1011	1017	rBV	9951053	22421037	43.22%	3.126%
55	9.310	1017	1025	1033	rVB2	6657278	13925671	26.85%	1.941%
56	9.451	1036	1049	1055	rBV4	2284574	5791518	11.16%	0.807%
57	9.545	1059	1065	1079	rVB4	3364771	9153622	17.65%	1.276%
58	9.663	1079	1085	1091	rBV2	1364786	2716037	5.24%	0.379%
59	9.745	1091	1099	1103	rBV	5421027	11668331	22.49%	1.627%
60	9.810	1103	1110	1115	rVB	6758397	12852991	24.78%	1.792%
61	9.992	1131	1141	1145	rVV2	2556450	6170443	11.90%	0.860%
62	10.045	1145	1150	1155	rVV2	2729819	5706446	11.00%	0.796%
63	10.115	1155	1162	1166	rVV2	4072399	9477711	18.27%	1.321%
64	10.174	1166	1172	1179	rVV4	6932346	17405587	33.55%	2.426%
65	10.233	1179	1182	1185	rVV	1378204	2402563	4.63%	0.335%
66	10.274	1185	1189	1190	rVV	2731432	4071291	7.85%	0.568%
67	10.333	1191	1199	1203	rVV3	9620841	25399381	48.96%	3.541%
68	10.380	1203	1207	1211	rVV2	4750082	9629886	18.56%	1.342%
69	10.415	1211	1213	1217	rVV	1704384	2819683	5.44%	0.393%
70	10.491	1217	1226	1232	rVV3	3232127	9261502	17.85%	1.291%
71	10.562	1232	1238	1242	rVV2	1097937	2157784	4.16%	0.301%

LSC Area Percent Report

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Instrument : BNA_G
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.615	1242	1247	1255	rVB	3094977	5831548	11.24%	0.813%
73	10.809	1276	1280	1282	rBV3	878180	1401685	2.70%	0.195%
74	10.862	1283	1289	1291	rVV2	2252486	5293919	10.21%	0.738%
75	10.914	1294	1298	1302	rVV2	4820043	9312739	17.95%	1.298%
76	10.991	1302	1311	1317	rVV3	7579297	25355658	48.88%	3.535%
77	11.044	1317	1320	1326	rVB	5608233	8613332	16.60%	1.201%
78	11.120	1326	1333	1339	rBV3	2954744	6152536	11.86%	0.858%
79	11.314	1363	1366	1373	rVV2	1161994	2088456	4.03%	0.291%
80	11.390	1373	1379	1384	rVB3	848092	1961678	3.78%	0.273%
81	11.514	1396	1400	1404	rBV2	940656	1621378	3.13%	0.226%
82	11.584	1406	1412	1414	rBV	2207871	3974548	7.66%	0.554%
83	11.837	1445	1455	1459	rBV3	3390719	8254626	15.91%	1.151%
84	11.902	1460	1466	1470	rVB3	2045397	3714354	7.16%	0.518%
85	11.954	1470	1475	1479	rBV4	742189	1327329	2.56%	0.185%
86	12.019	1480	1486	1492	rVB2	1930106	3842682	7.41%	0.536%
87	12.113	1496	1502	1507	rBV5	1956731	4034595	7.78%	0.562%
88	12.295	1528	1533	1541	rBV2	2741620	5808480	11.20%	0.810%
89	12.401	1542	1551	1559	rVV3	686876	2602981	5.02%	0.363%
90	12.601	1576	1585	1589	rVB	7658800	17229432	33.21%	2.402%
91	12.765	1608	1613	1614	rVV2	1063580	1512281	2.92%	0.211%
92	12.806	1614	1620	1625	rVV	4465884	8457724	16.30%	1.179%
93	13.083	1661	1667	1675	rVB3	729373	1789303	3.45%	0.249%
94	13.353	1708	1713	1723	rVB	1512333	2747431	5.30%	0.383%
95	13.758	1777	1782	1794	rVB	831080	1830170	3.53%	0.255%
96	13.905	1799	1807	1813	rVB3	1192578	3197565	6.16%	0.446%
97	14.046	1825	1831	1837	rBV	1387969	2761477	5.32%	0.385%
98	14.105	1837	1841	1845	rVV	778677	1210700	2.33%	0.169%
99	16.214	2194	2200	2207	rBV	1063508	1573489	3.03%	0.219%
100	20.074	2851	2857	2863	rBV	2192254	2985356	5.76%	0.416%

Sum of corrected areas: 717333720

LSC Report - Integrated Chromatogram

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Acq On : 9 Nov 2018 15:24
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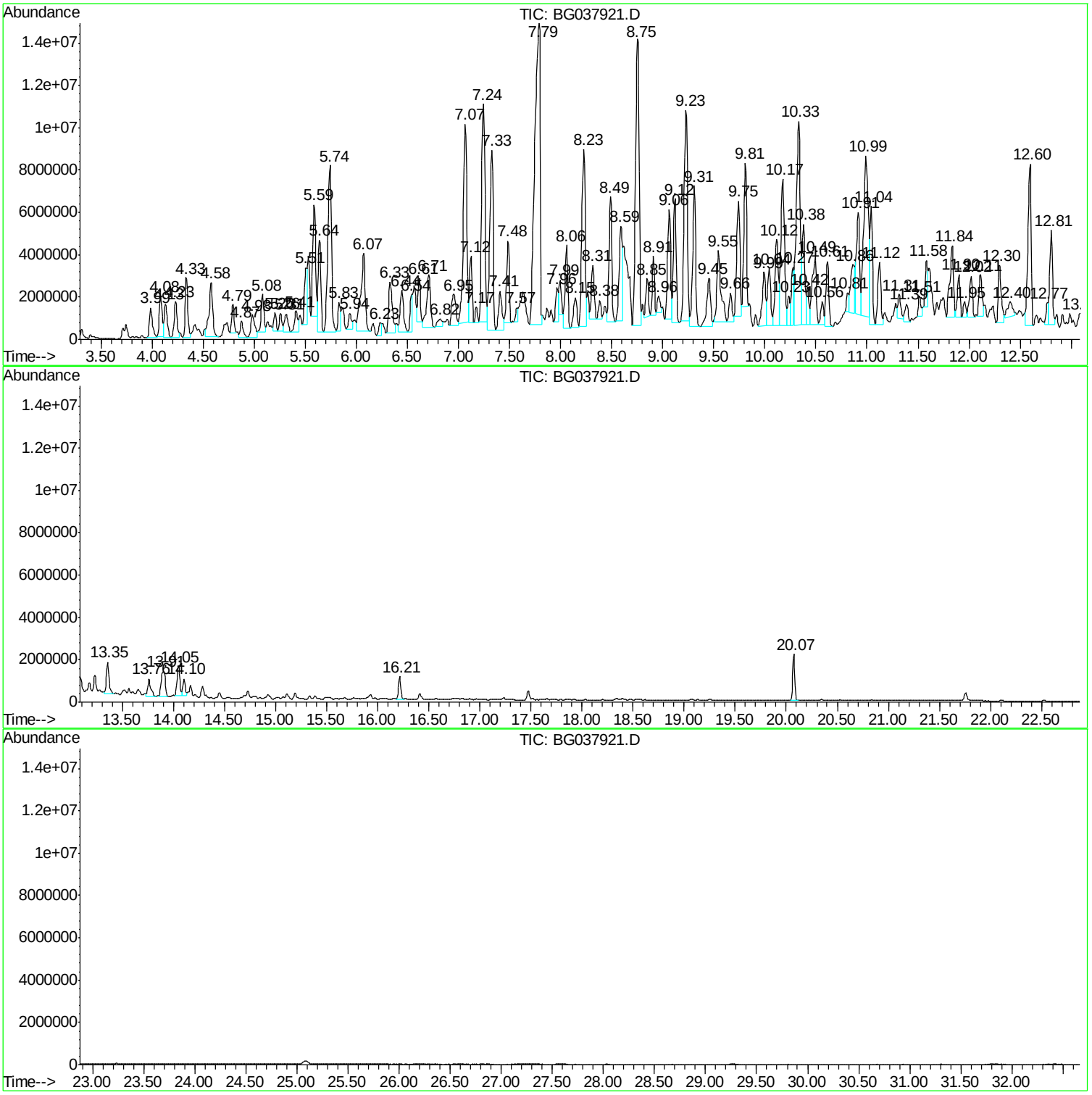
Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

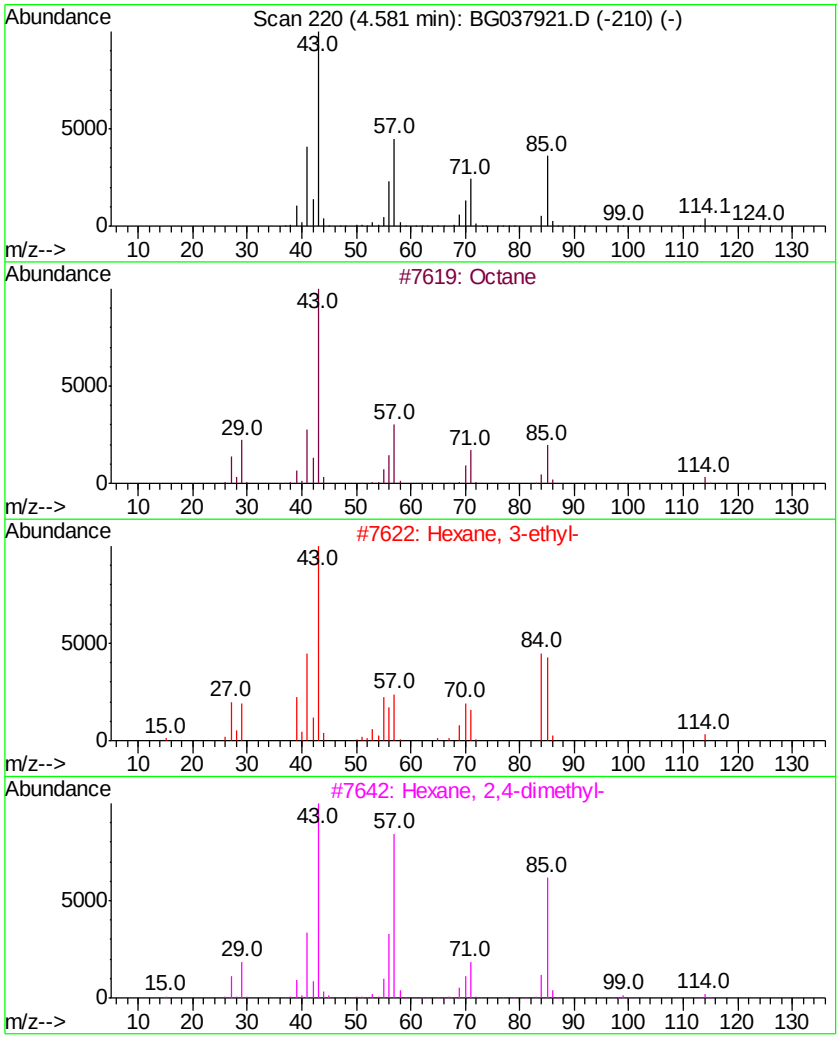
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

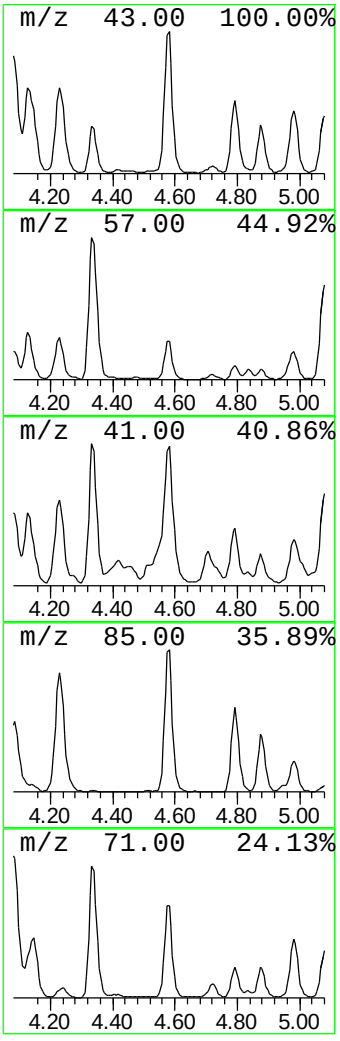
****

Peak Number 1 Octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	41.80 ng	6465220	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	56





Library Search Compound Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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
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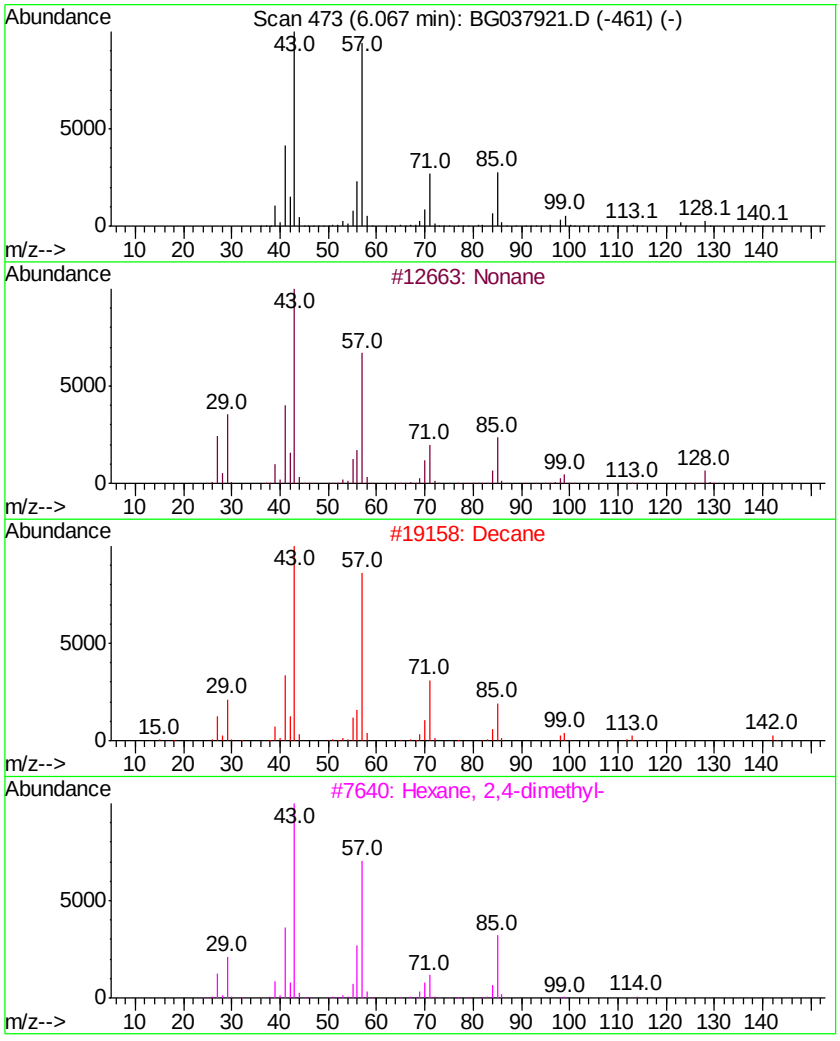
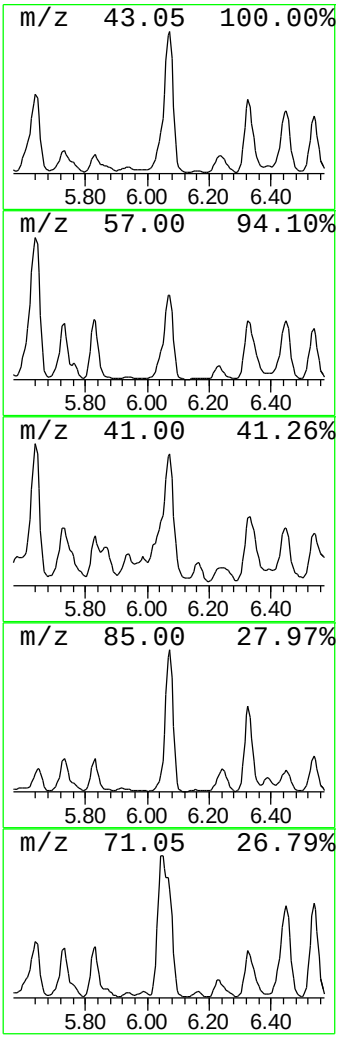
****

Peak Number 4 Nonane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	72.71 ng	11245500	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Decane	142	C10H22	000124-18-5	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	59
5	Octane	114	C8H18	000111-65-9	53





Library Search Compound Report

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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
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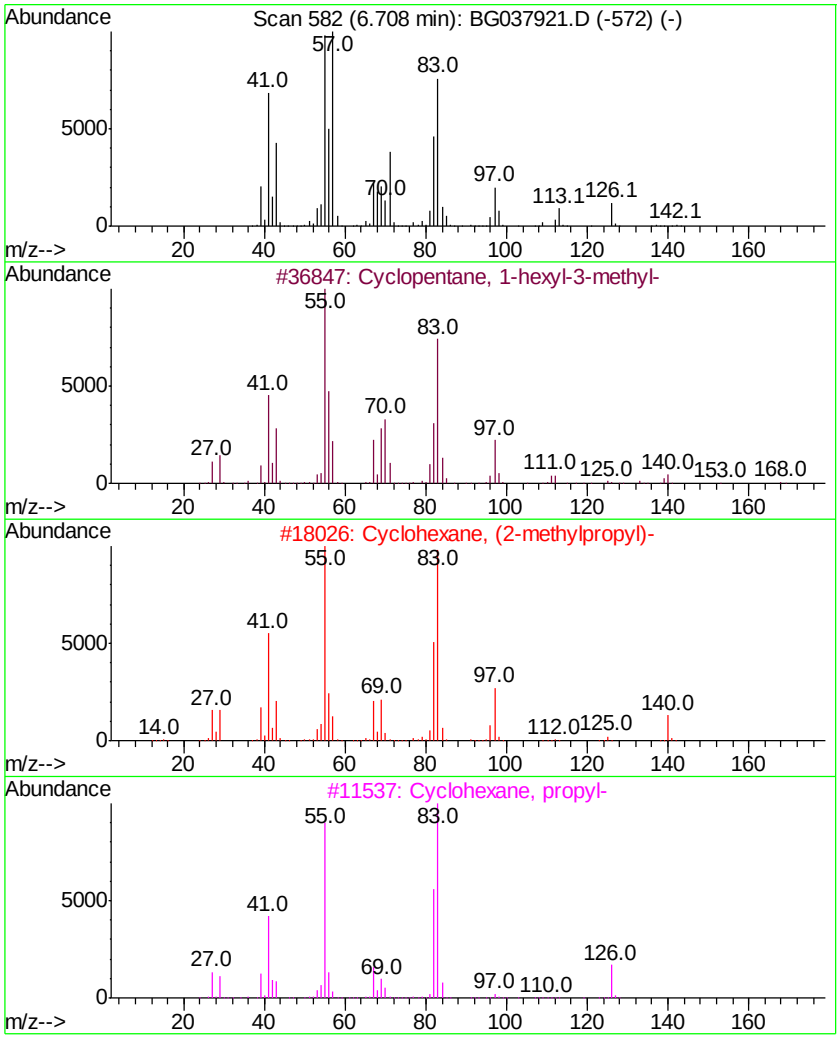
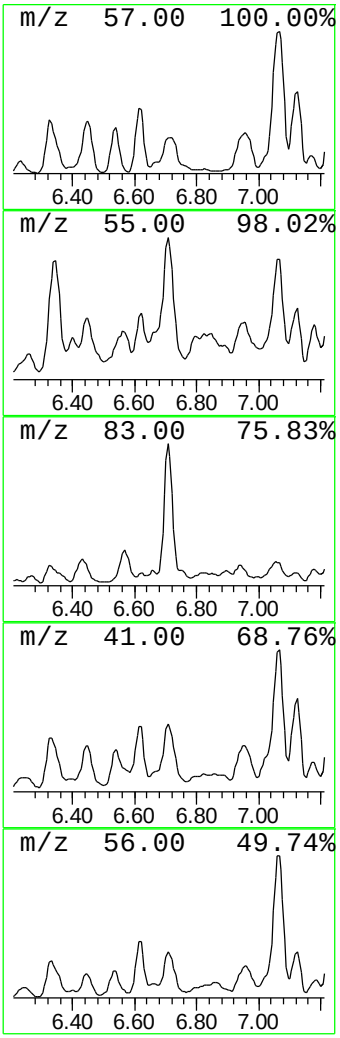
Peak Number 5 Cyclopentane, 1-hexyl-3-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	43.32 ng	6700240	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	50
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	43
5	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38





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Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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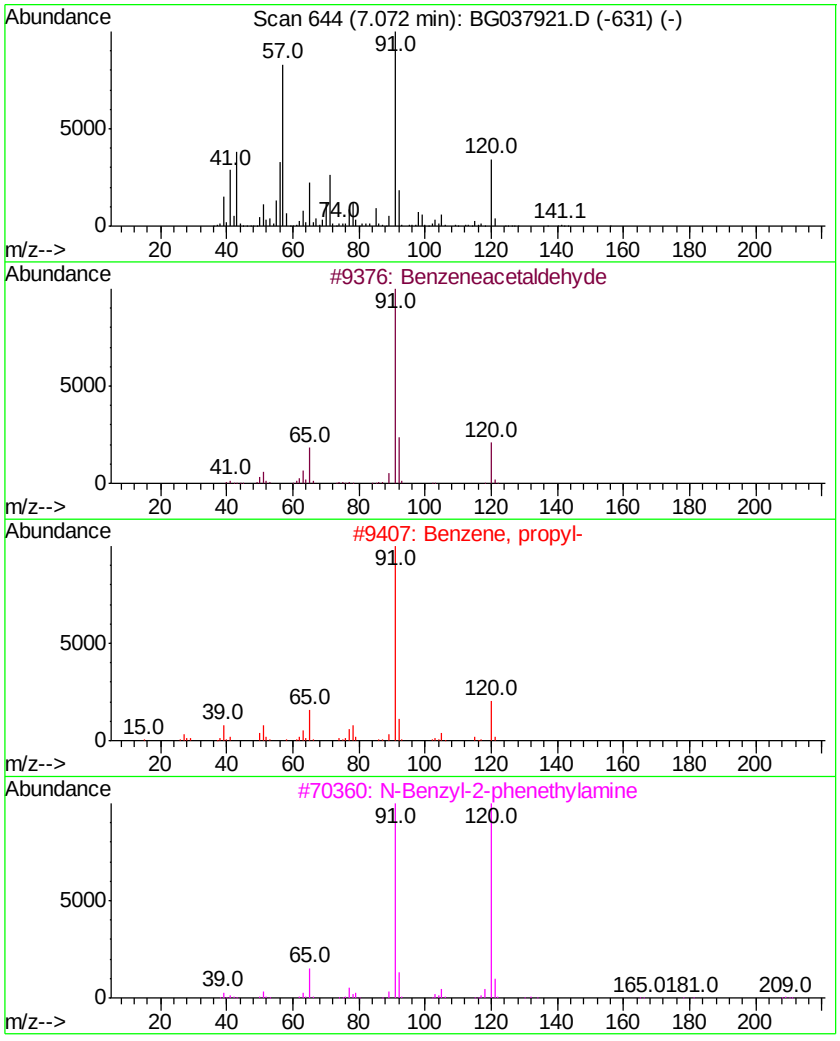
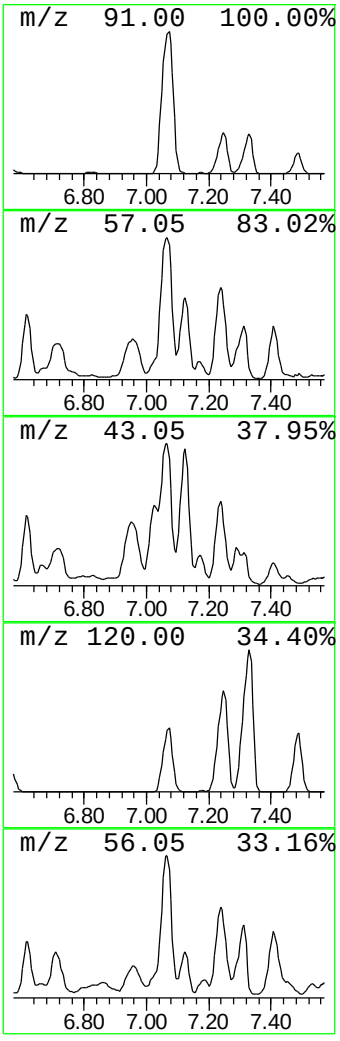
Peak Number 6 Benzeneacetaldehyde Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	145.06 ng	22434000	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde	120	C8H8O	000122-78-1	50
2	Benzene, propyl-	120	C9H12	000103-65-1	38
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	38
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	35
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	27





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : EP2-SB-110(17-19)

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

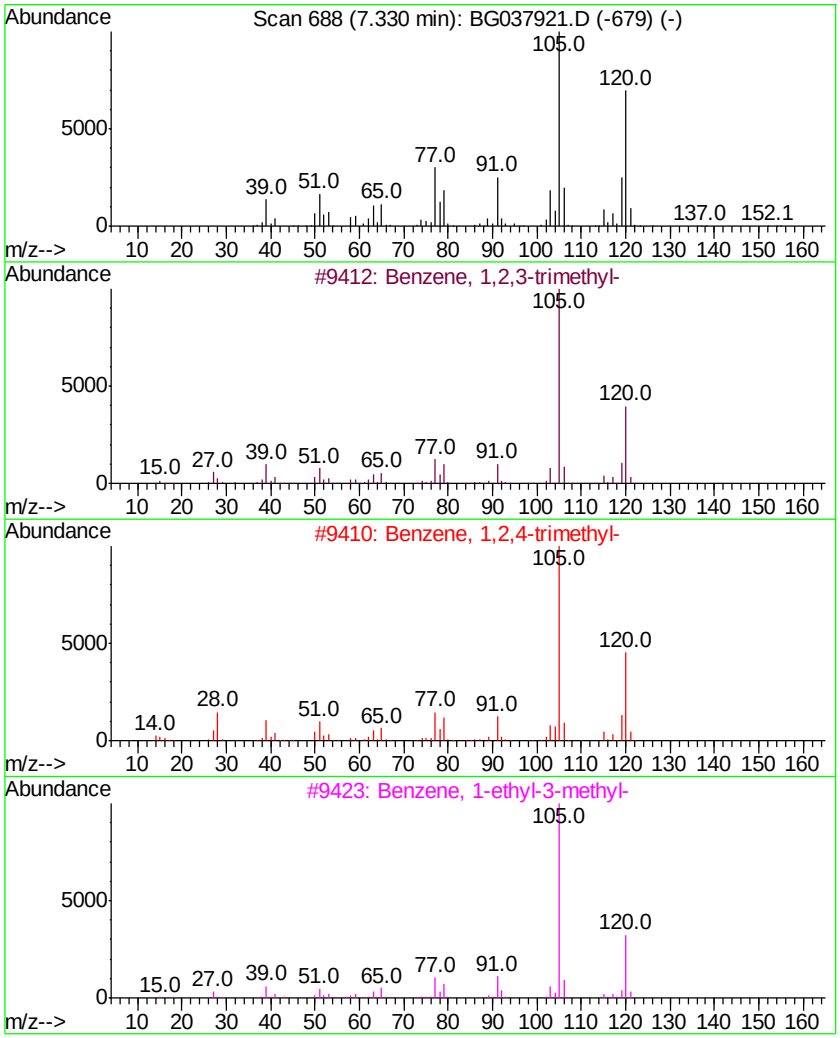
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

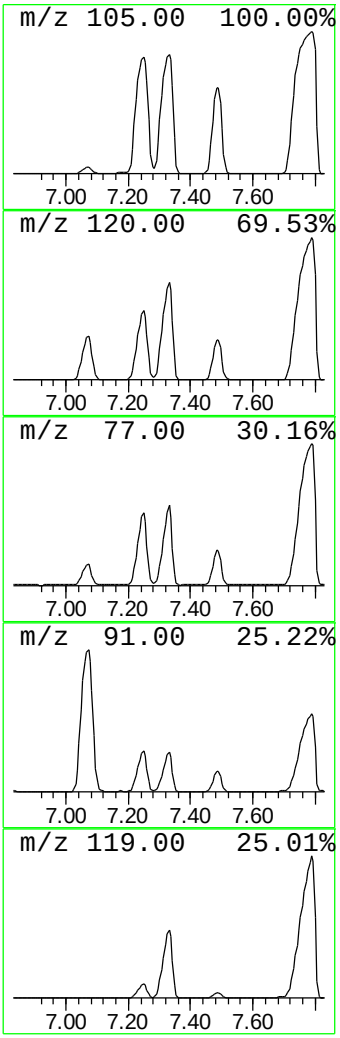
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	137.21 ng	21220100	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5	Cyclohexane, 1,2,4-tris(methylene)-	120	C9H12	014296-81-2	72





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Acq On : 9 Nov 2018 15:24
Operator : JU/SJ
Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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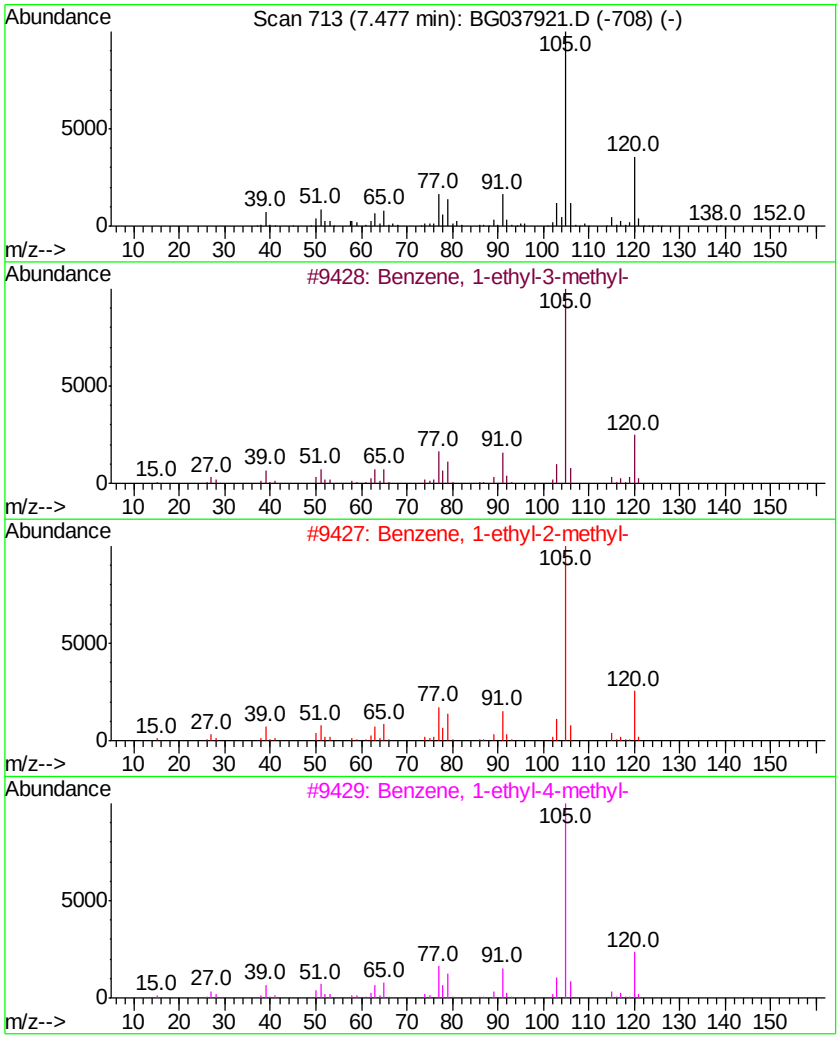
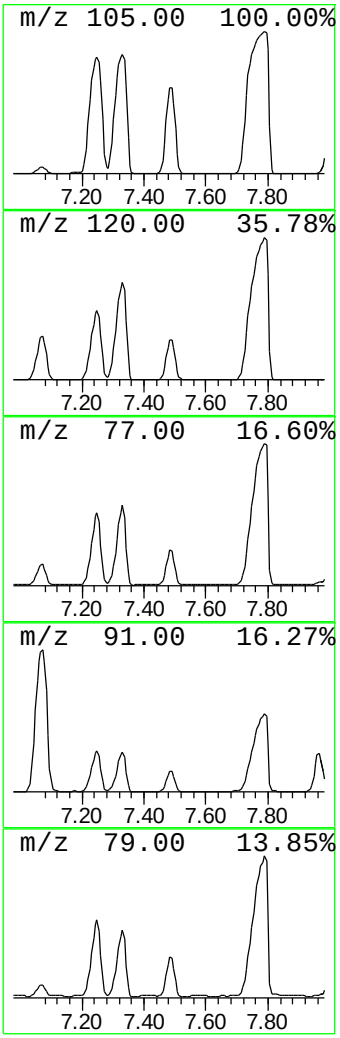
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	46.00 ng	7114110	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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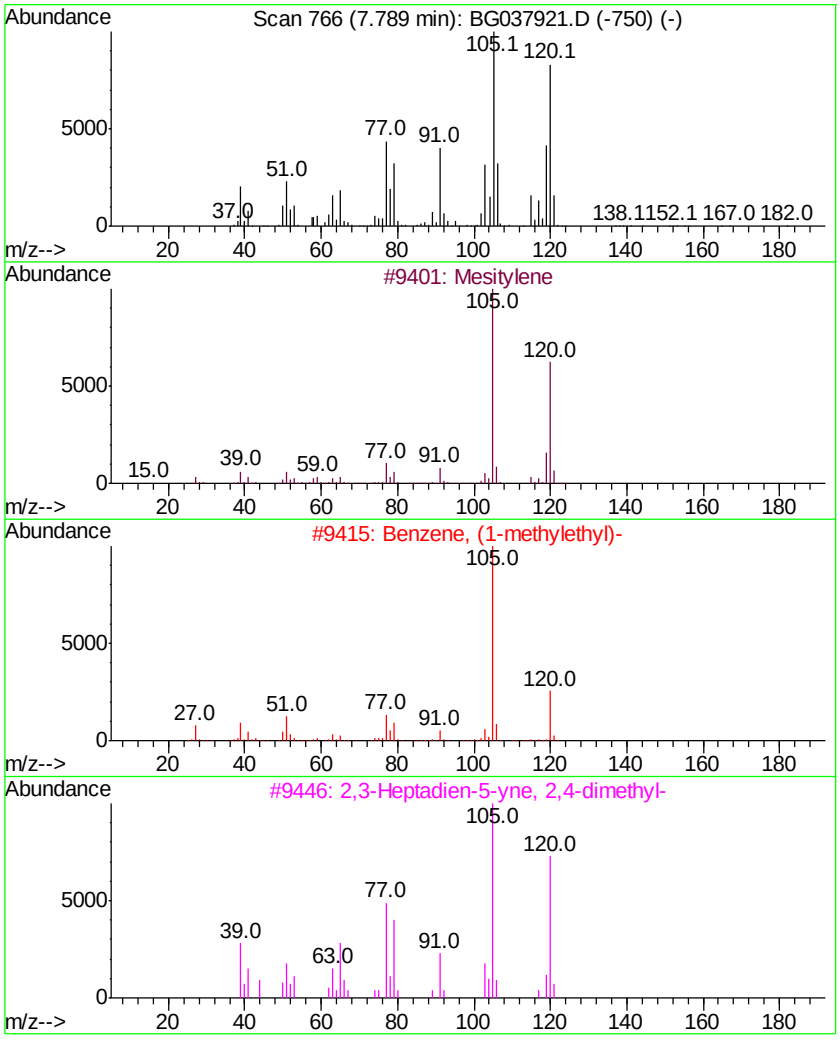
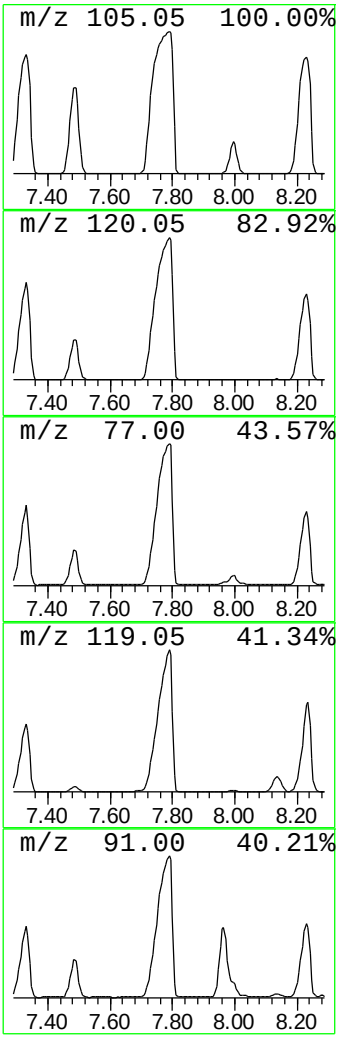
Peak Number 9 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	335.41 ng	51873300	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	72
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	68
3	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	68
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	62





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Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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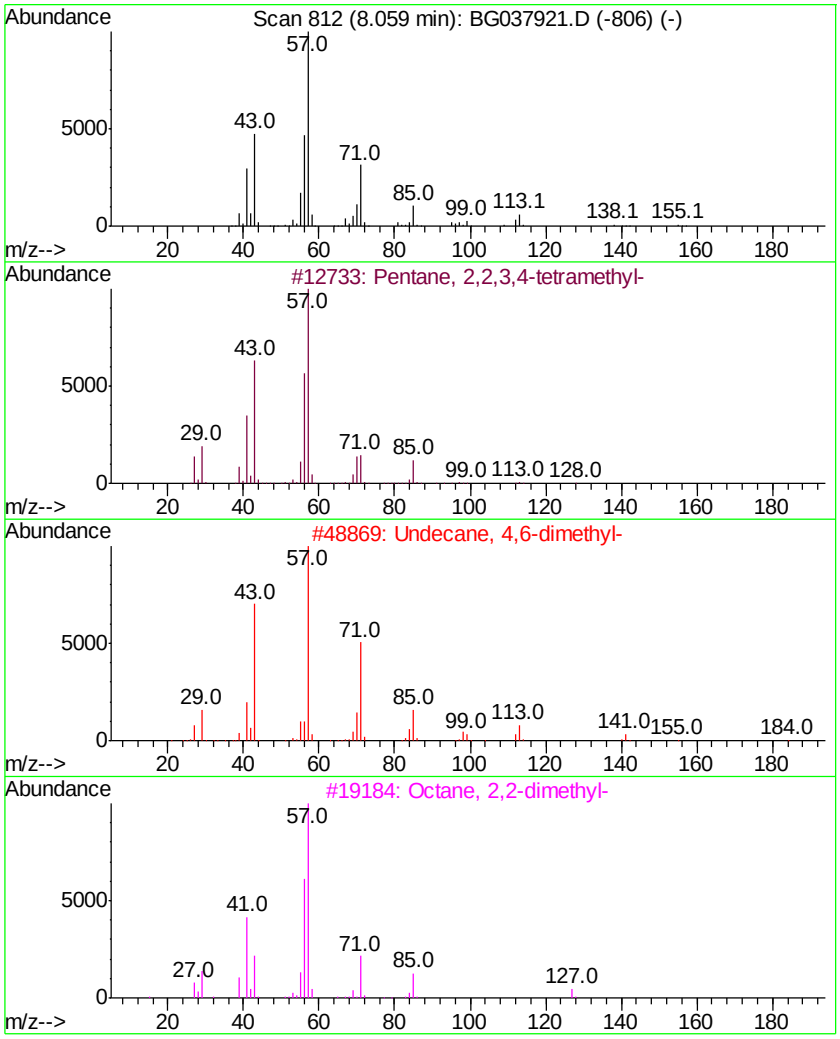
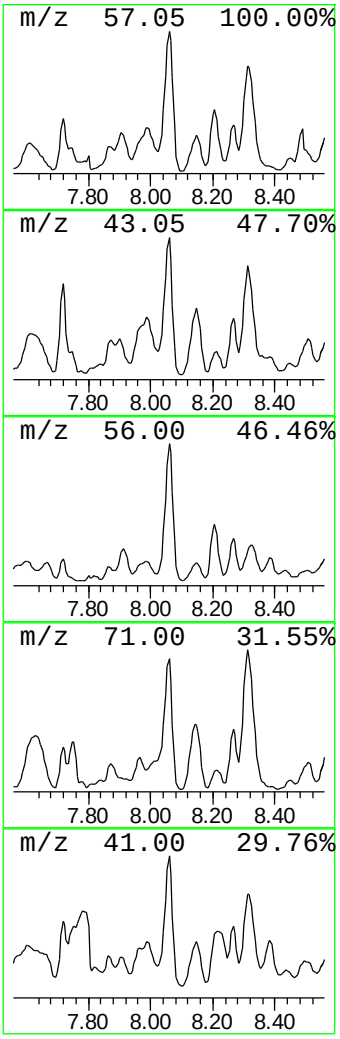
Peak Number 10 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	46.89 ng	7251610	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
3	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





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Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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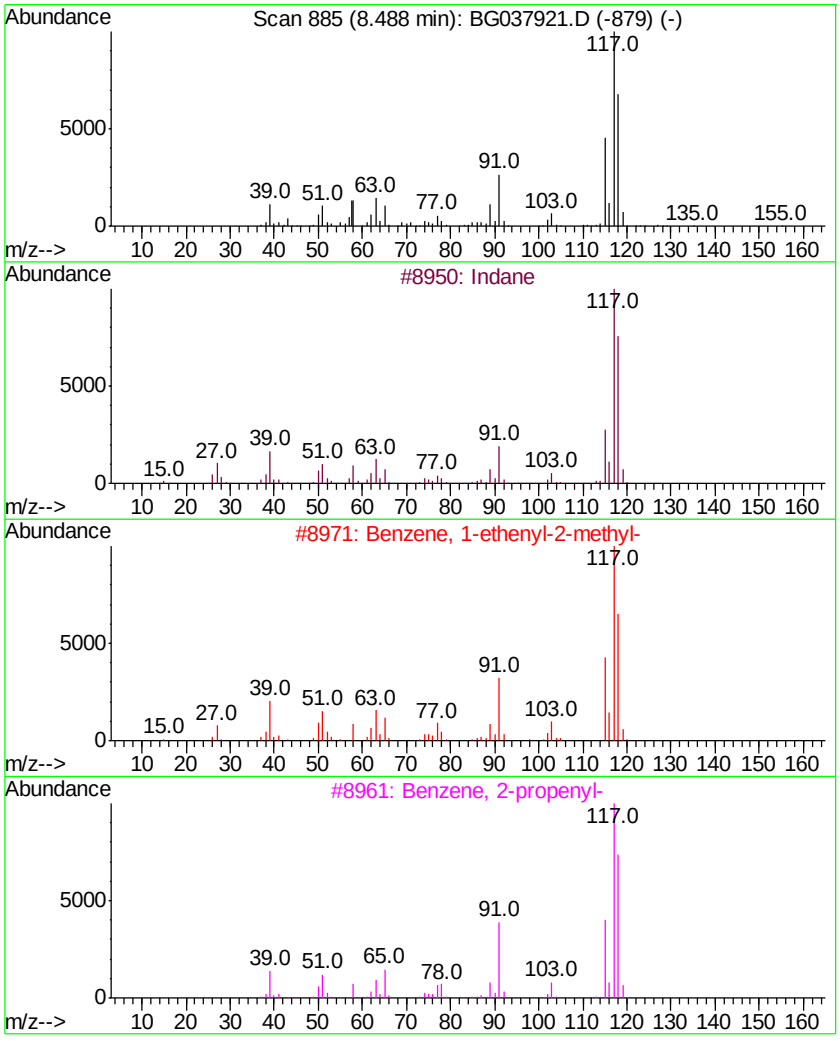
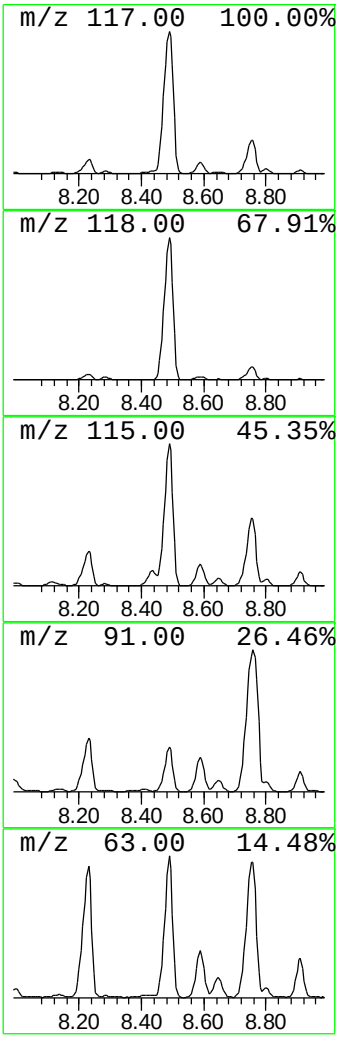
Peak Number 12 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	72.74 ng	11249900	1,4-Dichlorobenzene-d4	8.11

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	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	76





Library Search Compound Report

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Sample : J5860-22
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Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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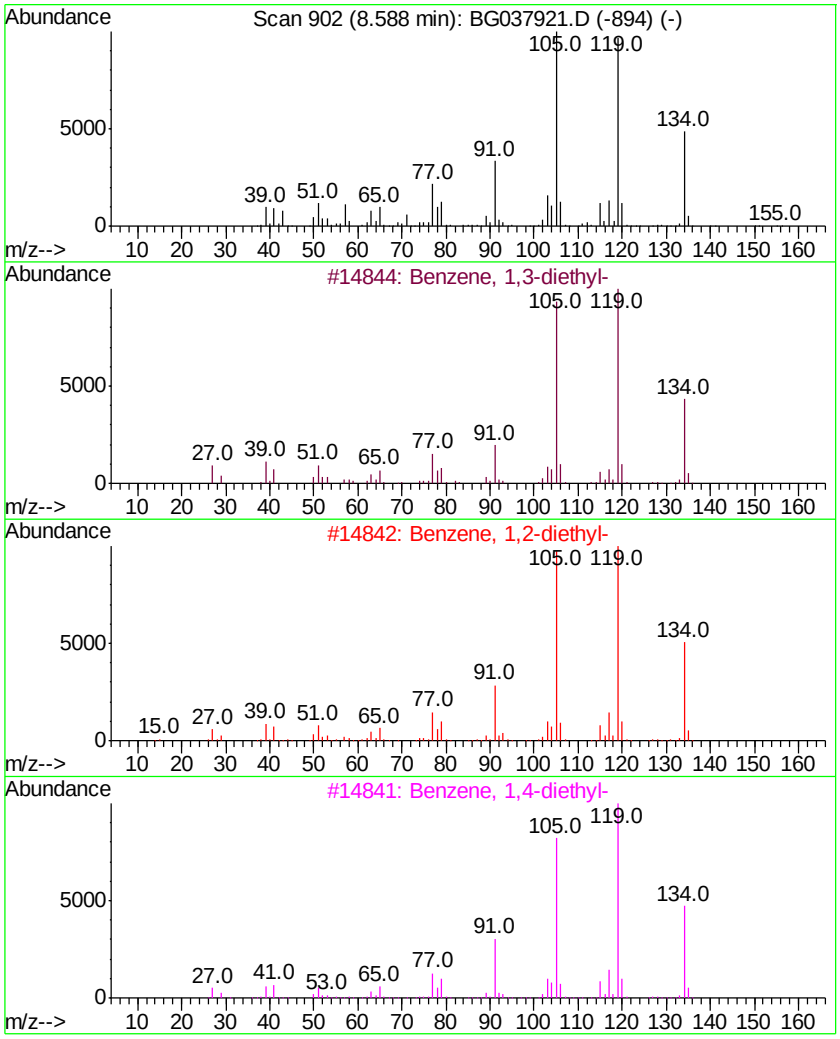
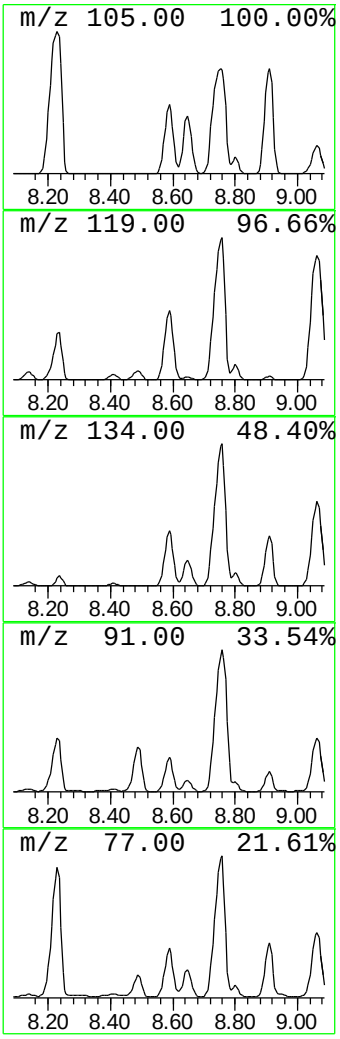
Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	70.66 ng	10927700	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
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





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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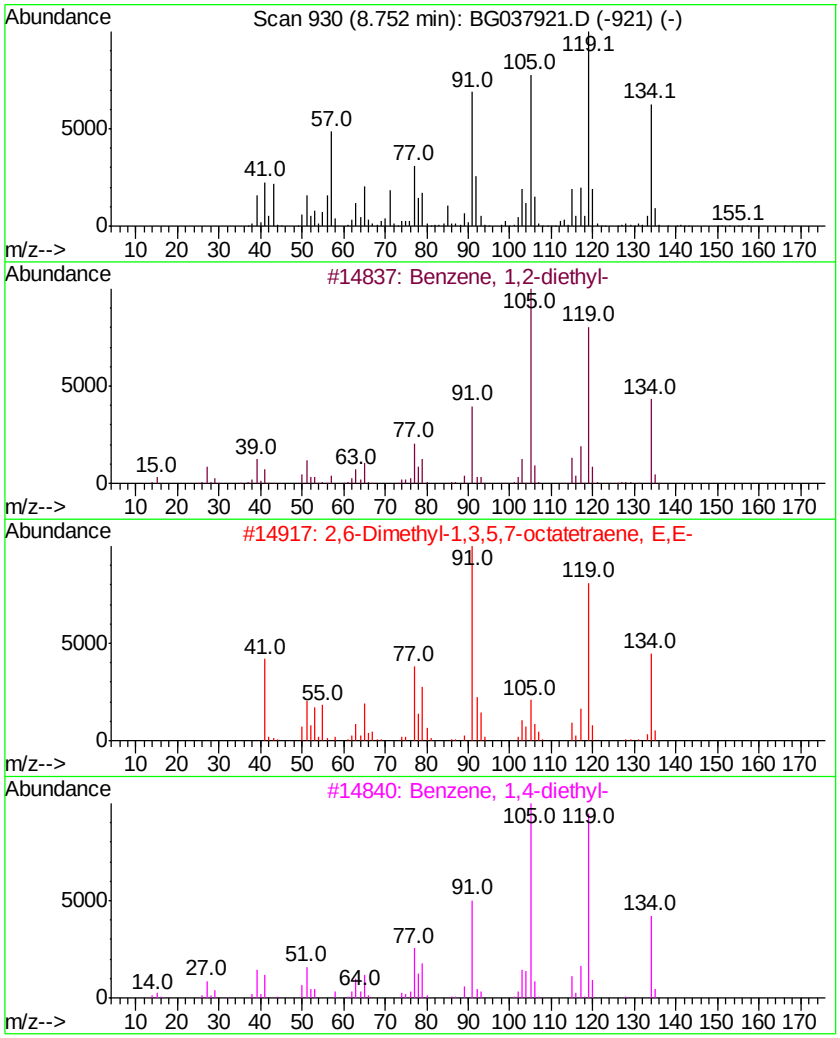
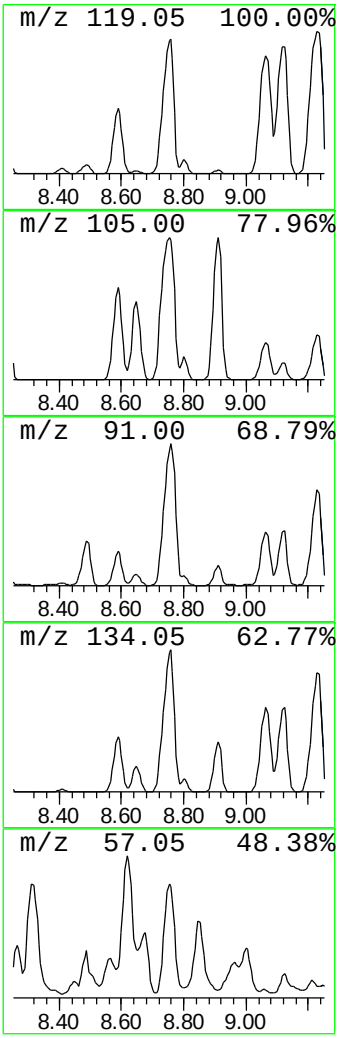
Peak Number 14 Benzene, 1,2-diethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	209.16 ng	32347600	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
2	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	76
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	76
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72





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Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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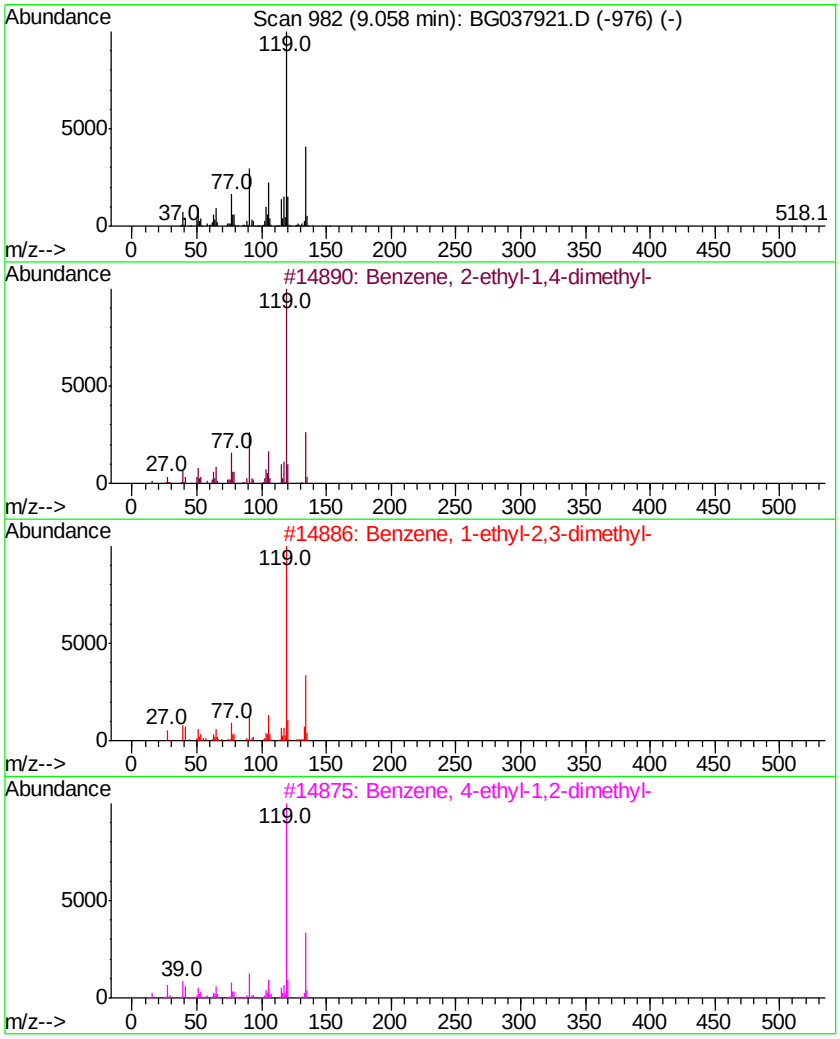
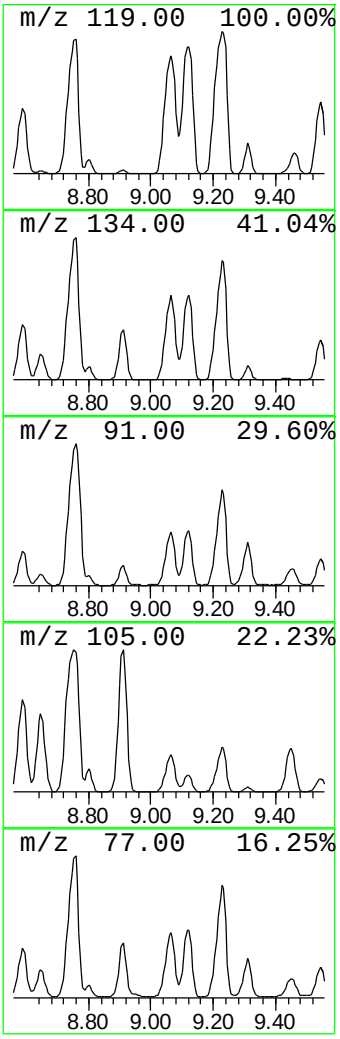
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	69.89 ng	10809700	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90





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Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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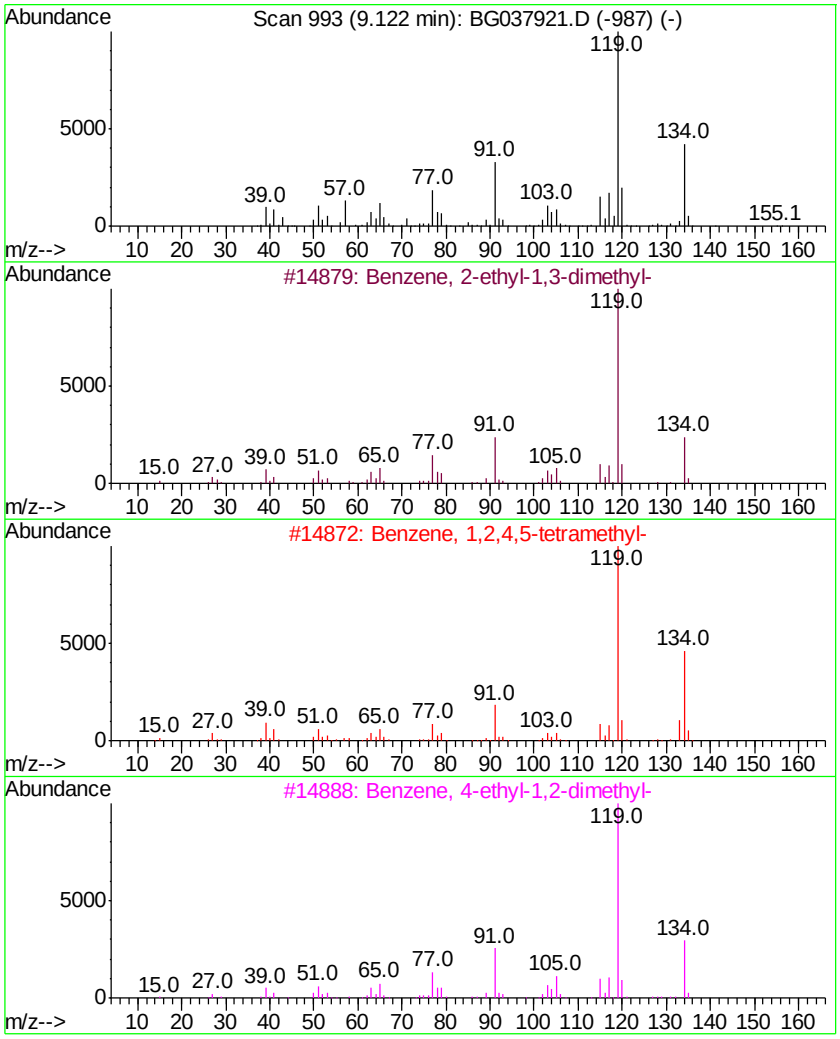
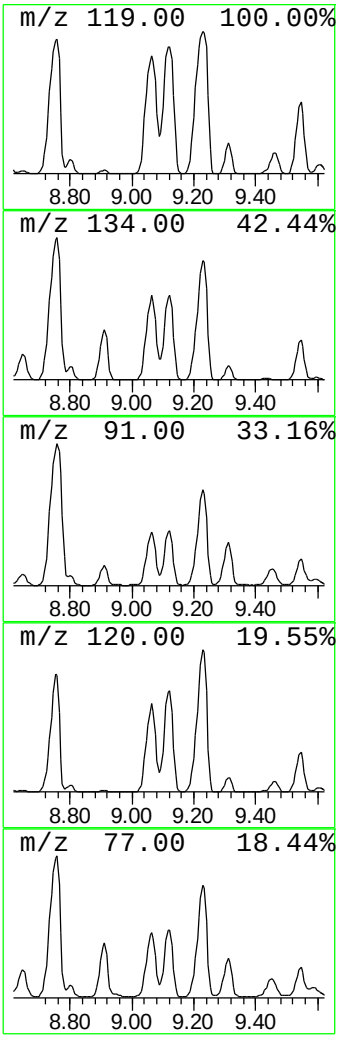
Peak Number 16 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	73.53 ng	11371200	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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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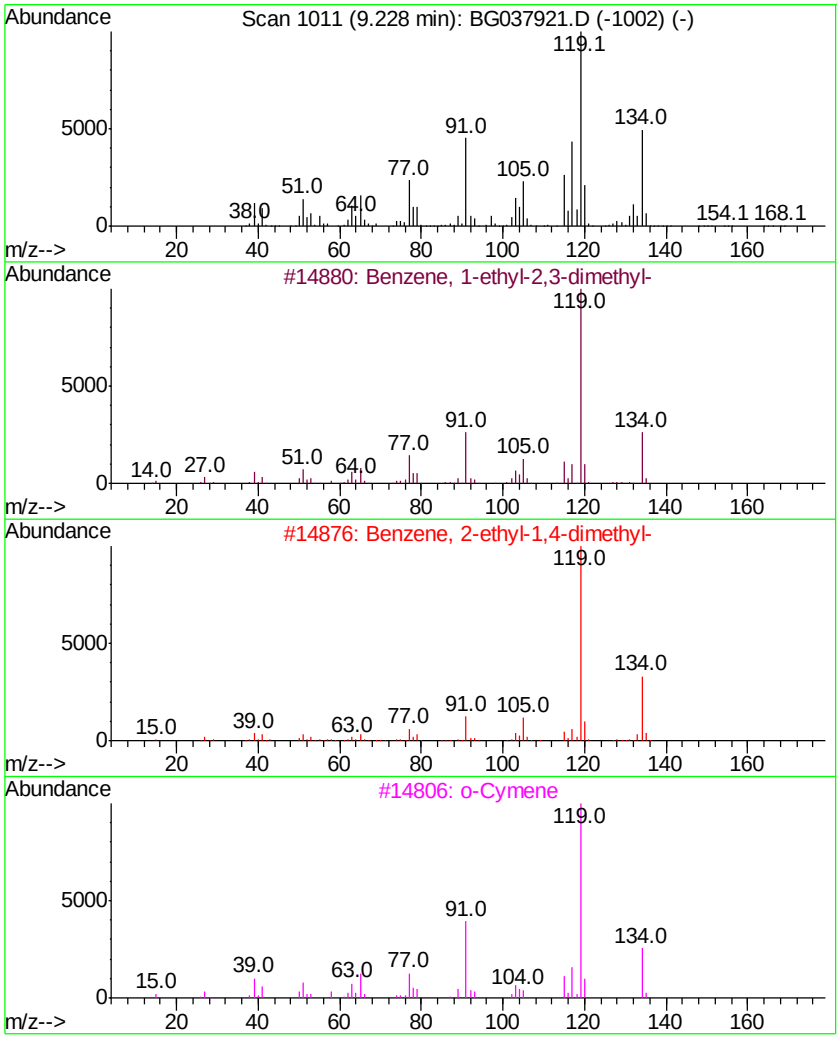
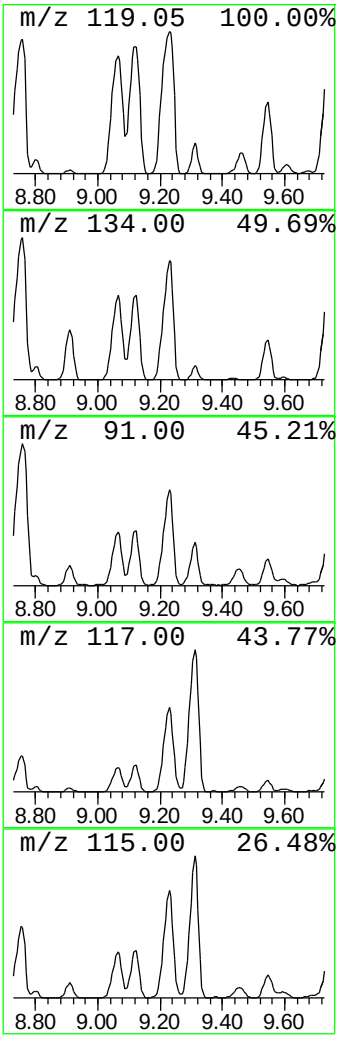
Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	144.97 ng	22421000	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
3	o-Cymene	134	C10H14	000527-84-4	60
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	58
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	58





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ClientSampleId : EP2-SB-110(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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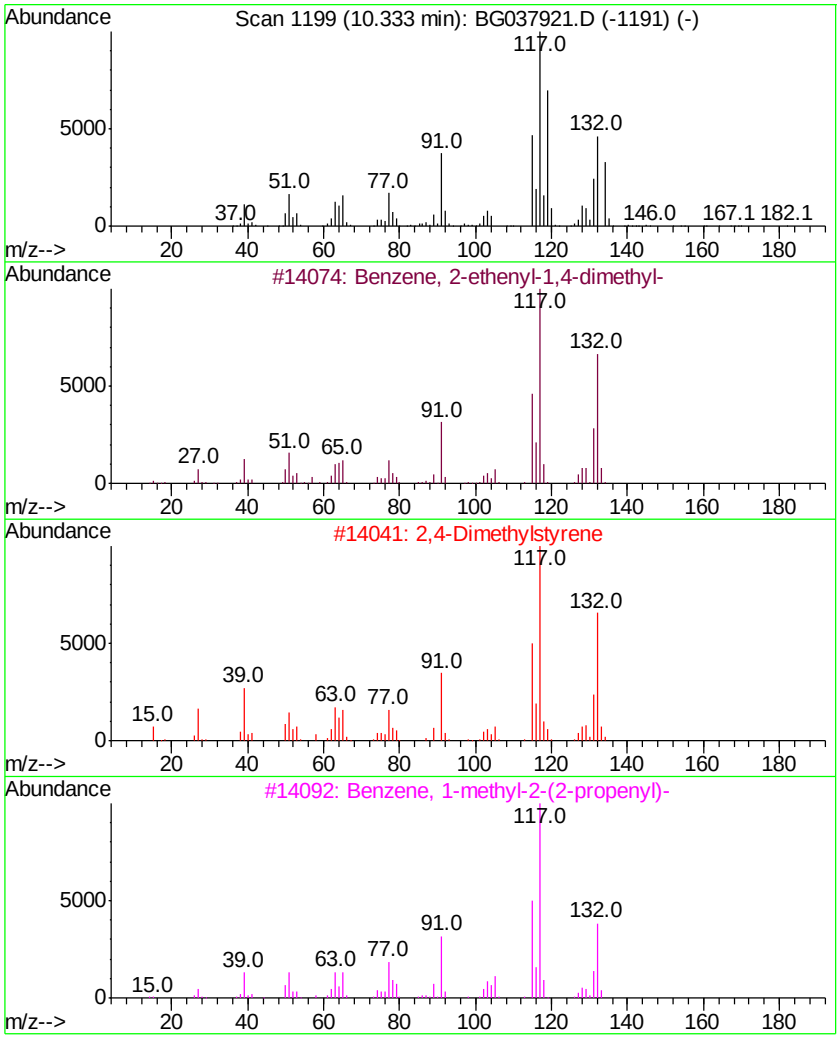
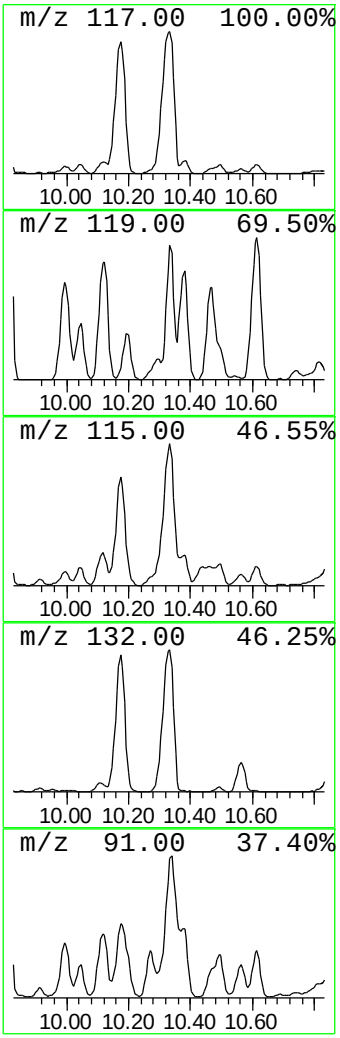
Peak Number 18 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	54.55 ng	25399400	Naphthalene-d8	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	94
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64





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ClientSampleId : EP2-SB-110(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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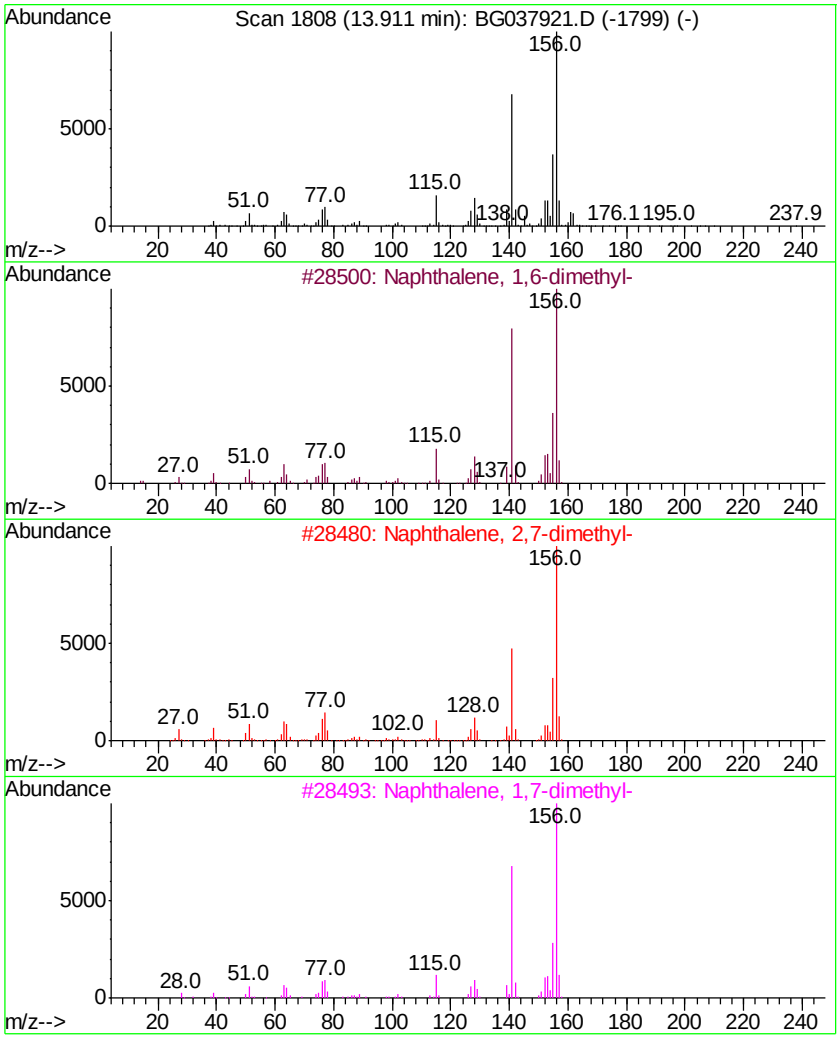
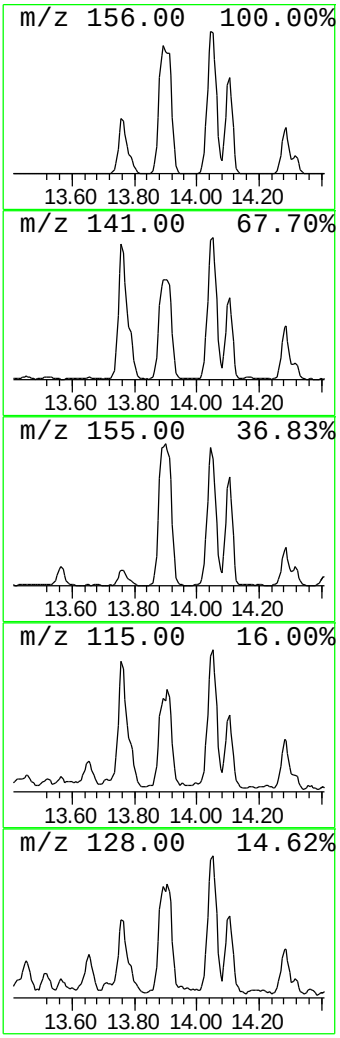
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	52.82 ng	3197570	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110918\
Data File : BG037921.D
Acq On : 9 Nov 2018 15:24
Operator : JU/SJ
Sample : J5860-22
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP2-SB-110(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
Octane	4.58	41.8	ng	6465220	1	8.11	3093140	20.0
Nonane	6.07	72.7	ng	11245500	1	8.11	3093140	20.0
Cyclopentane, 1-h...	6.71	43.3	ng	6700240	1	8.11	3093140	20.0
Benzeneacetaldehyde	7.07	145.1	ng	22434000	1	8.11	3093140	20.0
Benzene, 1,2,3-tr...	7.33	137.2	ng	21220100	1	8.11	3093140	20.0
Benzene, 1-ethyl-...	7.48	46.0	ng	7114110	1	8.11	3093140	20.0
Mesitylene	7.79	335.4	ng	51873300	1	8.11	3093140	20.0
Pentane, 2,2,3,4-...	8.06	46.9	ng	7251610	1	8.11	3093140	20.0
Indane	8.49	72.7	ng	11249900	1	8.11	3093140	20.0
Benzene, 1,3-diet...	8.59	70.7	ng	10927700	1	8.11	3093140	20.0
Benzene, 1,2-diet...	8.75	209.2	ng	32347600	1	8.11	3093140	20.0
Benzene, 2-ethyl-...	9.06	69.9	ng	10809700	1	8.11	3093140	20.0
Benzene, 2-ethyl-...	9.12	73.5	ng	11371200	1	8.11	3093140	20.0
Benzene, 1-ethyl-...	9.23	145.0	ng	22421000	1	8.11	3093140	20.0
Benzene, 2-etheny...	10.33	54.5	ng	25399400	2	10.94	9312740	20.0
Naphthalene, 1,6-...	13.91	52.8	ng	3197570	3	14.73	1210700	20.0