LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG120418.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	3.335	5	8	13	rVB	26735	36474	1.85%	0.171%
2	3.418	15	22	25	rBV4	88624	211858	10.74%	0.996%
3	3.447	25	27	32	rVV2	78665	115687	5.86%	0.544%
4	3.523	36	40	43	rVV	66769	99644	5.05%	0.468%
5	3.559	43	46	56	rVB	82243	146150	7.41%	0.687%
6	3.647	57	61	65	rBV5	13828	24559	1.25%	0.115%
7	3.694	65	69	71	rBV3	21798	30868	1.56%	0.145%
8	3.729	71	75	82	rVB2	65340	107185	5.43%	0.504%
9	3.817	86	90	97	rVB3	27187	43773	2.22%	0.206%
10	3.911	97	106	113	rBV3	65628	208517	10.57%	0.980%
11	3.987	113	119	124	rVV	199312	348792	17.68%	1.640%
12	4.035	124	127	137	rVB2	80977	160474	8.14%	0.754%
13	4.111	137	140	150	rVB4	29795	61928	3.14%	0.291%
14	4.217	151	158	160	rBV3	50449	84844	4.30%	0.399%
15	4.252	160	164	174	rVB	209513	361517	18.33%	1.700%
16	4.328	174	177	180	rBV3	14961	21374	1.08%	0.100%
17	4.516	201	209	218	rBV4	68025	142698	7.23%	0.671%
18	4.681	229	237	238	rBV4	22412	48449	2.46%	0.228%
19	4.710	238	242	247	rVV	86698	157096	7.96%	0.739%
20	4.757	247	250	256	rVB4	17871	32941	1.67%	0.155%
21	4.881	266	271	278	rVB2	16018	30664	1.55%	0.144%
22	4.980	280	288	291	rBV3	37969	65641	3.33%	0.309%
23	5.016	291	294	299	rVV3	28389	45667	2.32%	0.215%
24	5.063	299	302	304	rVV3	20706	26108	1.32%	0.123%
25	5.098	304	308	312	rVB3	36510	55676	2.82%	0.262%
26	5.245	328	333	338	rBV2	44297	80460	4.08%	0.378%
27	5.298	339	342	347	rVB4	23221	39632	2.01%	0.186%
28	5.356	347	352	354	rBV2	13457	20692	1.05%	0.097%
29	5.392	354	358	365	rVB4	21571	43634	2.21%	0.205%
30	5.550	376	385	389	rBV2	36678	77281	3.92%	0.363%
31	5.615	389	396	401	rVV	241965	416853	21.13%	1.960%
32	5.703	401	411	426	rVB	142513	420642	21.33%	1.978%
33	5.856	426	437	446	rBV8	18029	55955	2.84%	0.263%
34	6.208	491	497	498	rBV4	15511	26559	1.35%	0.125%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG120418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.532	544	552	564	rBV2	33392	77652	3.94%	0.365%
36	6.725	575	585	590	rBV2	35758	70350	3.57%	0.331%
37	6.784	590	595	599	rVV3	36078	63581	3.22%	0.299%
38	6.825	599	602	609	rVB3	20075	35473	1.80%	0.167%
39	6.919	609	618	625	rBV5	8355	23814	1.21%	0.112%
40	7.213	658	668	677	rBV2	155358	421635	21.38%	1.982%
41	7.442	700	707	718	rBV	248853	436308	22.12%	2.051%
42	7.595	726	733	740	rBV	359274	643563	32.63%	3.026%
43	7.683	745	748	754	rVB5	15520	27603	1.40%	0.130%
44	8.071	808	814	825	rBV2	92145	196721	9.97%	0.925%
45	8.171	825	831	840	rVB2	107845	207760	10.53%	0.977%
46	8.341	851	860	862	rBV2	38034	64716	3.28%	0.304%
47	8.388	862	868	872	rVV	337694	670794	34.01%	3.154%
48	8.441	872	877	886	rVV	1048208	1834489	93.00%	8.625%
49	8.541	888	894	901	rVV	170370	298790	15.15%	1.405%
50	8.694	914	920	925	rBV	85469	160748	8.15%	0.756%
51	8.741	925	928	936	rVB2	43309	74656	3.78%	0.351%
52	8.858	940	948	960	rVB	127031	216884	11.00%	1.020%
53	9.005	967	973	979	rBV2	30703	57606	2.92%	0.271%
54	9.164	992	1000	1007	rBV2	509470	927326	47.01%	4.360%
55	9.252	1007	1015	1024	rVB3	595134	1088927	55.21%	5.120%
56	9.411	1034	1042	1052	rVB10	15965	41206	2.09%	0.194%
57	9.510	1052	1059	1064	rBV7	9834	23255	1.18%	0.109%
58	9.687	1082	1089	1096	rBV	278795	477217	24.19%	2.244%
59	9.945	1124	1133	1138	rBV	18948	34109	1.73%	0.160%
60	10.057	1147	1152	1156	rBV4	19908	39162	1.99%	0.184%
61	10.121	1156	1163	1174	rVB	233171	444711	22.55%	2.091%
62	10.268	1174	1188	1195	rBV	431406	814110	41.27%	3.828%
63	10.333	1195	1199	1203	rVV	17774	28057	1.42%	0.132%
64	10.398	1203	1210	1212	rVV6	11278	22393	1.14%	0.105%
65	10.445	1213	1218	1222	rVV4	23271	44865	2.27%	0.211%
66	10.515	1223	1230	1234	rVV2	27056	64519	3.27%	0.303%
67	10.562	1234	1238	1245	rVB	22513	38416	1.95%	0.181%
68	10.744	1261	1269	1271	rBV6	9460	19940	1.01%	0.094%
69	10.785	1271	1276	1279	rVV2	26858	52837	2.68%	0.248%
70	10.844	1279	1286	1289	rVV3	51163	133090	6.75%	0.626%
71	10.885	1289	1293	1306	rVV3	141480	387569	19.65%	1.822%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG120418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.985	1306	1310	1316	rVV	36511	64470	3.27%	0.303%
73	11.079	1319	1326	1332	rVB3	20868	36333	1.84%	0.171%
74	11.496	1393	1397	1400	rVV4	31499	58914	2.99%	0.277%
75	11.532	1401	1403	1410	rVB2	29382	45008	2.28%	0.212%
76	11.784	1438	1446	1455	rVB3	33200	66220	3.36%	0.311%
77	11.978	1472	1479	1487	rBV3	24376	57471	2.91%	0.270%
78	12.190	1510	1515	1520	rVB2	15139	24219	1.23%	0.114%
79	12.266	1520	1528	1534	rVB3	30976	70846	3.59%	0.333%
80	12.689	1595	1600	1604	rBV4	11789	20569	1.04%	0.097%
81	12.754	1604	1611	1619	rVB2	76509	141920	7.19%	0.667%
82	13.112	1667	1672	1678	rBV4	32630	66258	3.36%	0.312%
83	13.324	1701	1708	1715	rVB	836473	1352508	68.57%	6.359%
84	13.670	1762	1767	1773	rBV2	13587	24054	1.22%	0.113%
85	13.841	1790	1796	1799	rBV6	13360	26559	1.35%	0.125%
86	14.023	1820	1827	1841	rBV5	18244	65064	3.30%	0.306%
87	14.146	1842	1848	1853	rVV	27373	41684	2.11%	0.196%
88	14.704	1933	1943	1950	rBV2	217568	371901	18.85%	1.749%
89	15.973	2154	2159	2167	rVB6	12263	21467	1.09%	0.101%
90	16.191	2190	2196	2203	rBV3	683300	1075694	54.53%	5.057%
91	17.448	2404	2410	2420	rVB2	274718	451936	22.91%	2.125%
92	18.306	2551	2556	2564	rBV2	36958	71927	3.65%	0.338%
93	19.575	2768	2772	2778	rVV3	23320	33411	1.69%	0.157%
94	20.051	2847	2853	2862	rBV	1507082	1972510	100.00%	9.274%
95	21.726	3132	3138	3147	rBV	281693	498430	25.27%	2.343%
96	25.033	3679	3701	3714	rBV2	153541	494938	25.09%	2.327%

Sum of corrected areas: 21269455

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
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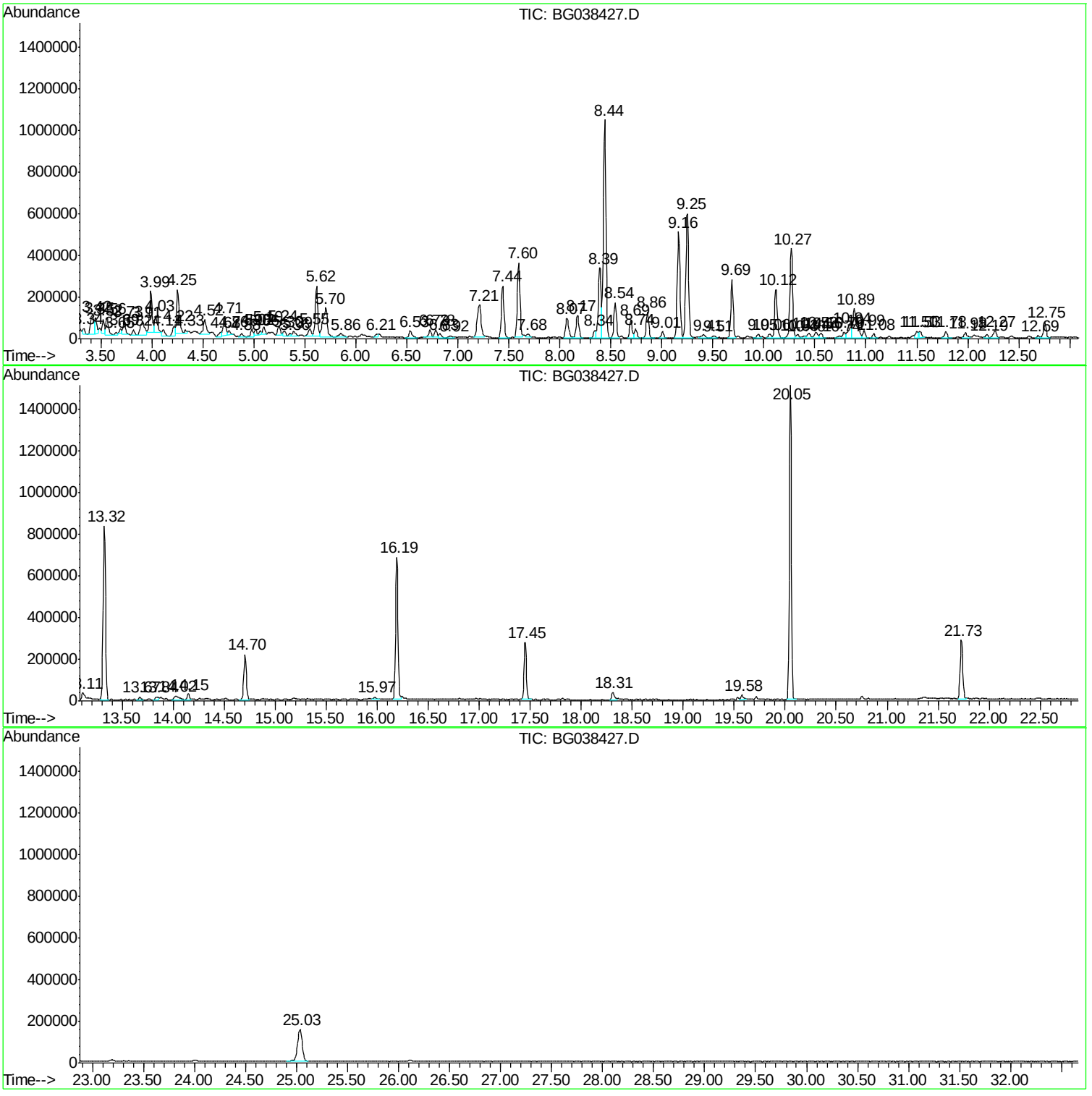
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.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\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

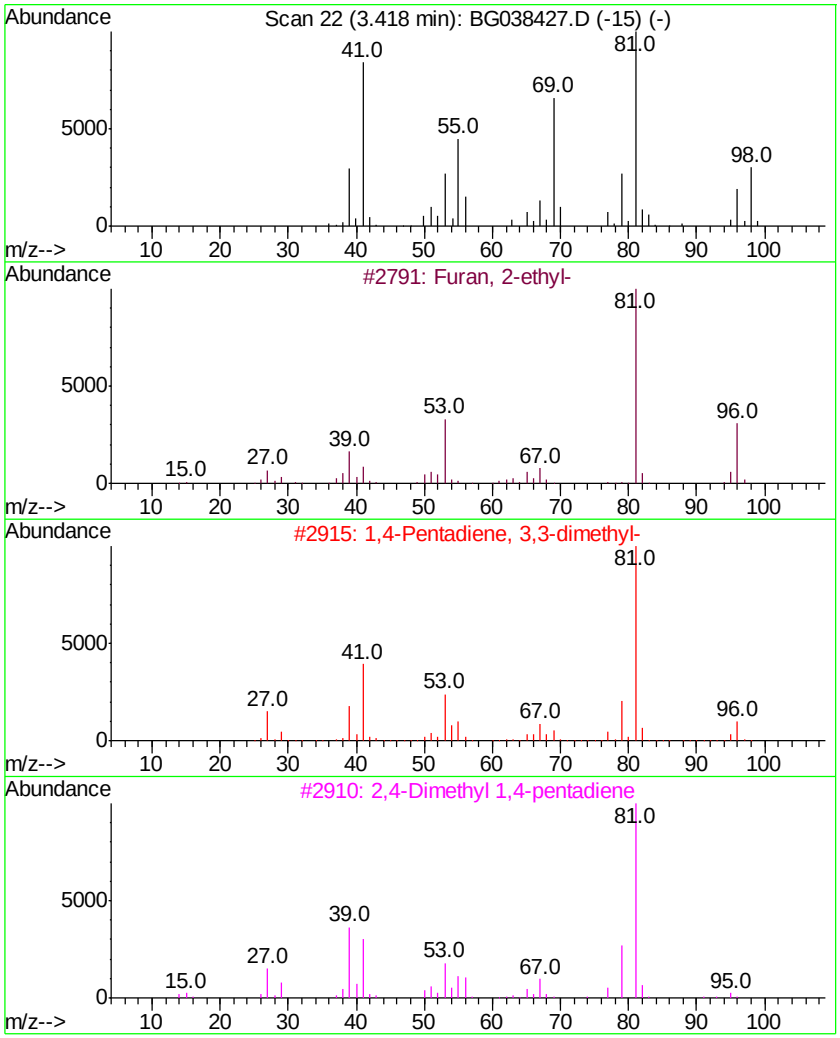
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

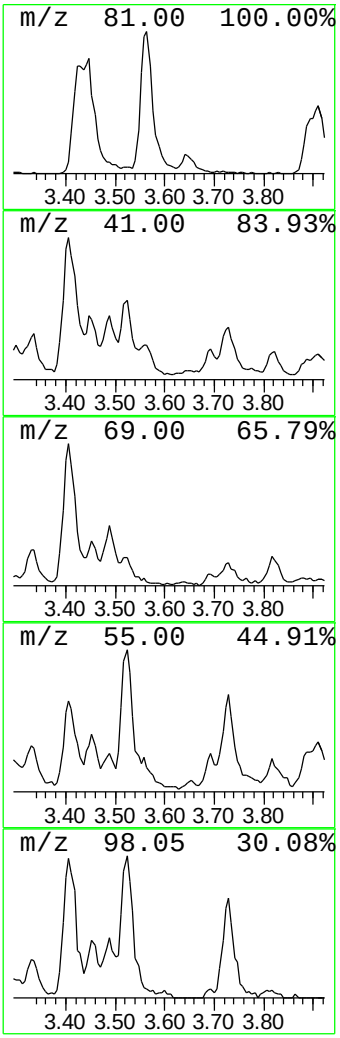
****

Peak Number 1 Furan, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	21.54 ng	211858	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-	96	C6H8O	003208-16-0	64
2	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	59
3	2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	58
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	53
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

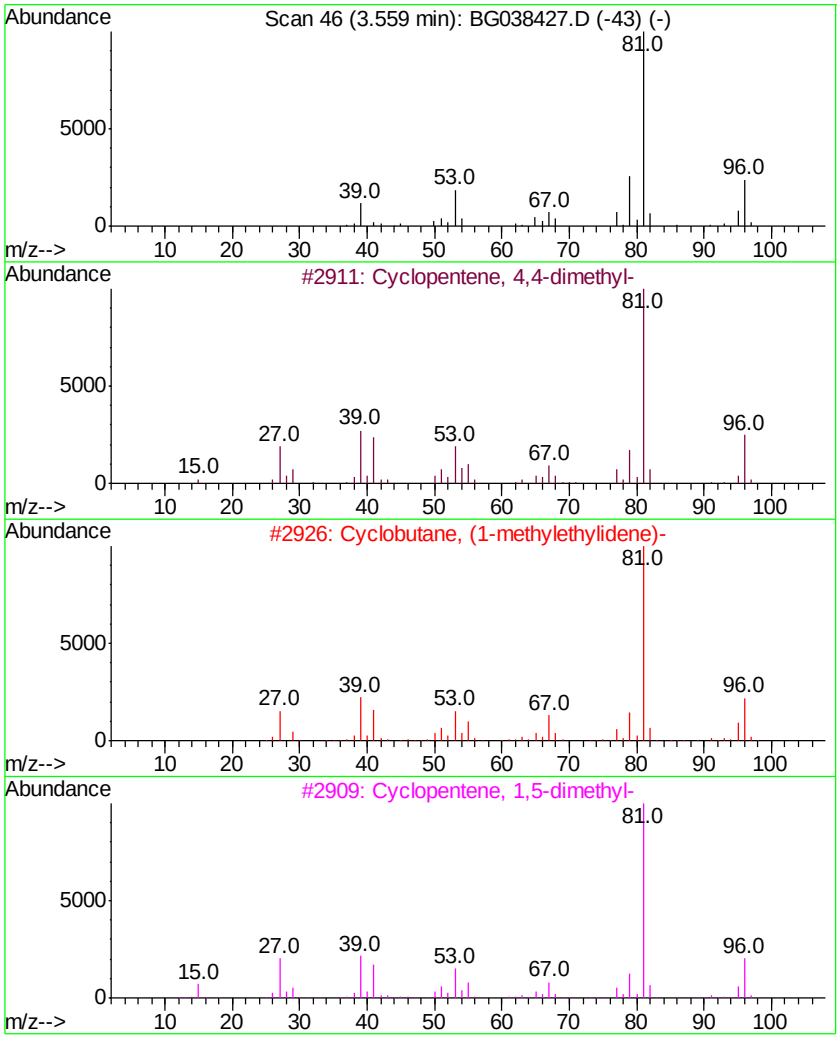
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

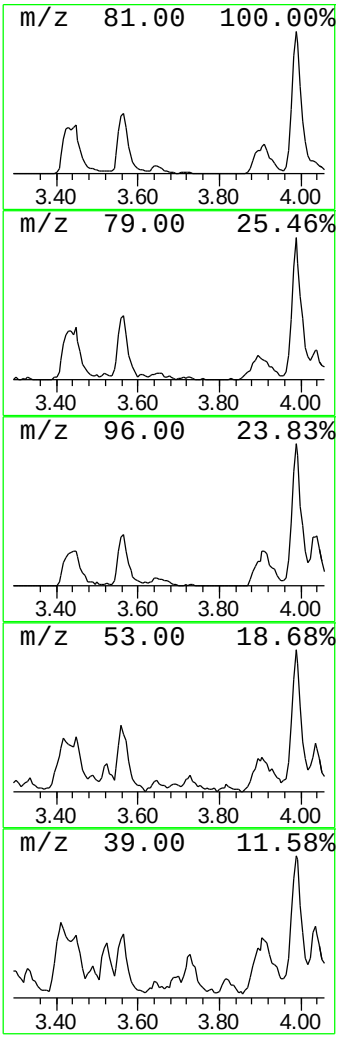
****

Peak Number 2 Cyclopentene, 4,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	14.86 ng	146150	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4	Cyclopentane, 1-methyl-2-methylene-	96	C7H12	041158-41-2	86
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

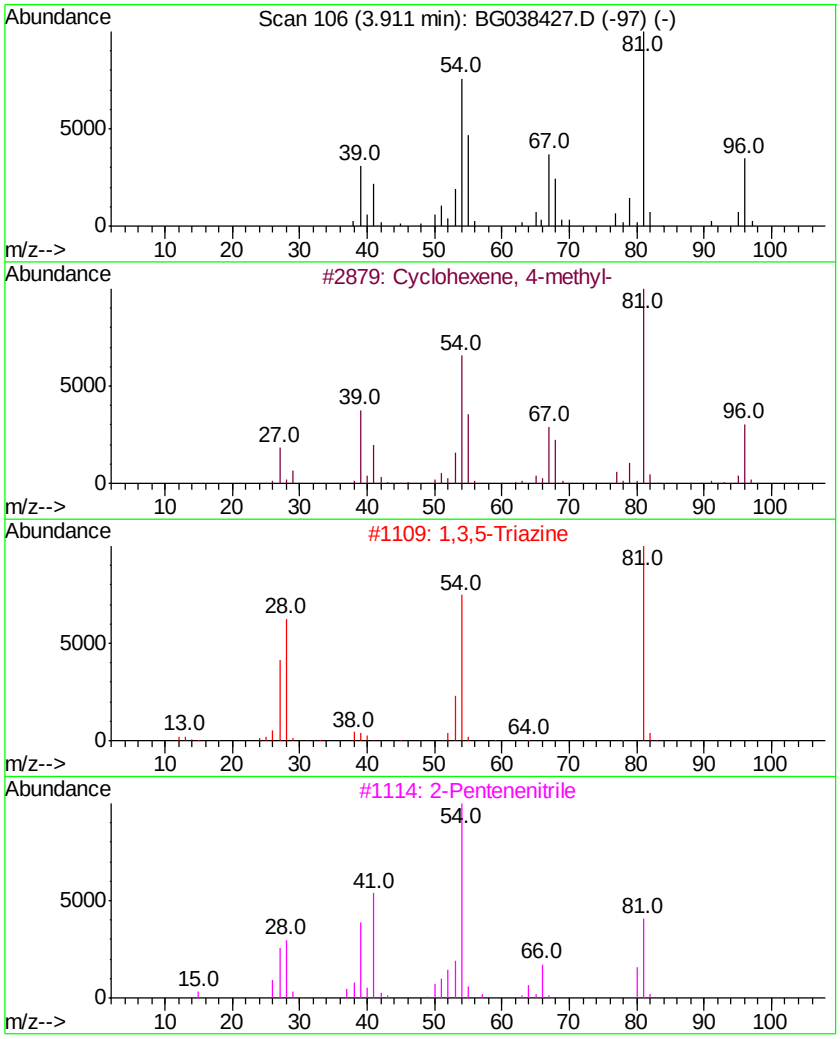
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

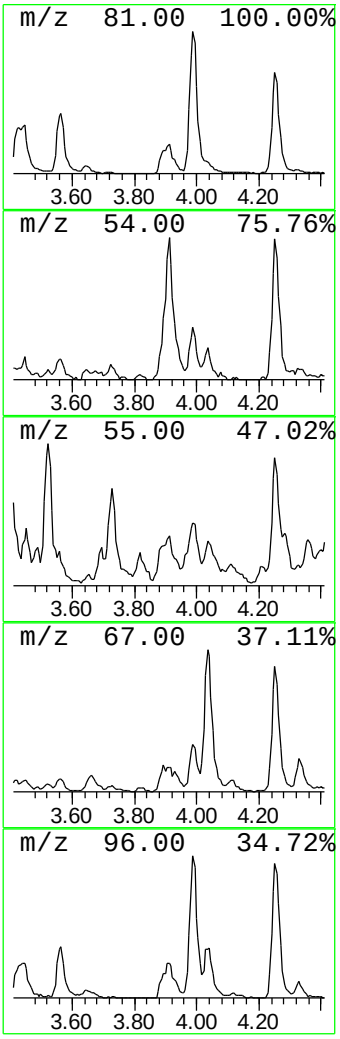
****

Peak Number 3 Cyclohexene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	21.20 ng	208517	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	97
2	1,3,5-Triazine	81	C3H3N3	000290-87-9	64
3	2-Pentenenitrile	81	C5H7N	013284-42-9	64
4	2,5-Dihydrothiophene sulfone	118	C4H6O2S	000077-79-2	50
5	2-Heptyne	96	C7H12	001119-65-9	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

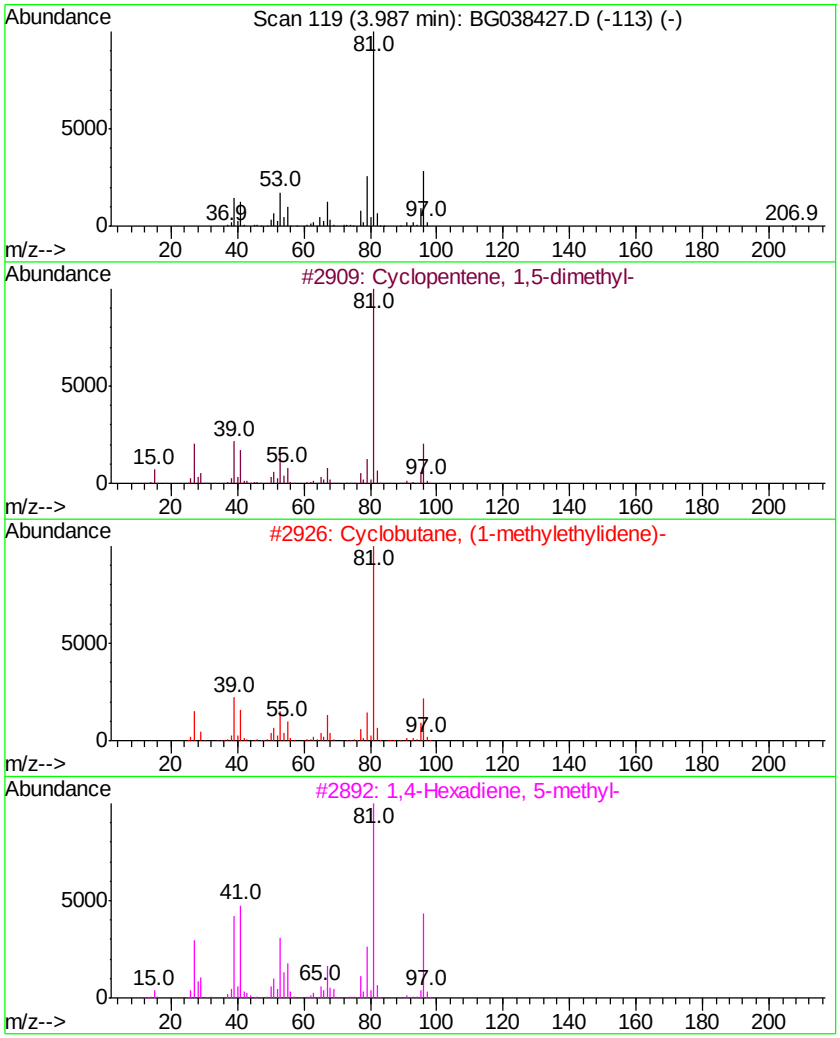
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

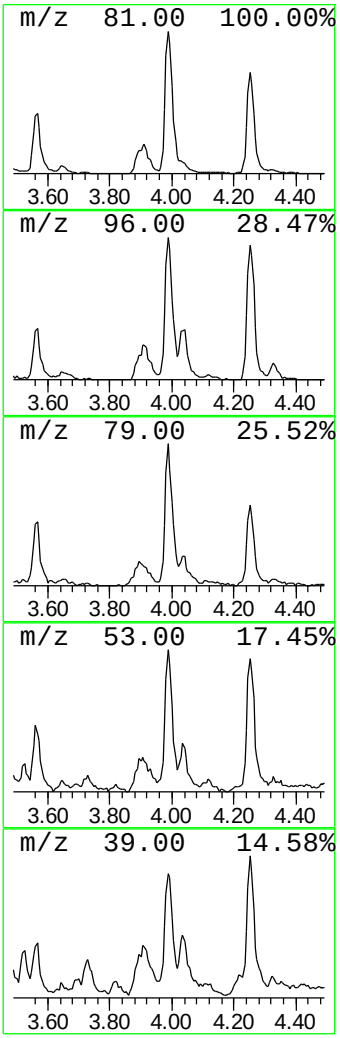
****

Peak Number 4 Cyclopentene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	35.46 ng	348792	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	91
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	91
3	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	91
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	86
5	1,4-Pentadiene, 3,3-dimethyl-	96	C7H12	001112-35-2	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

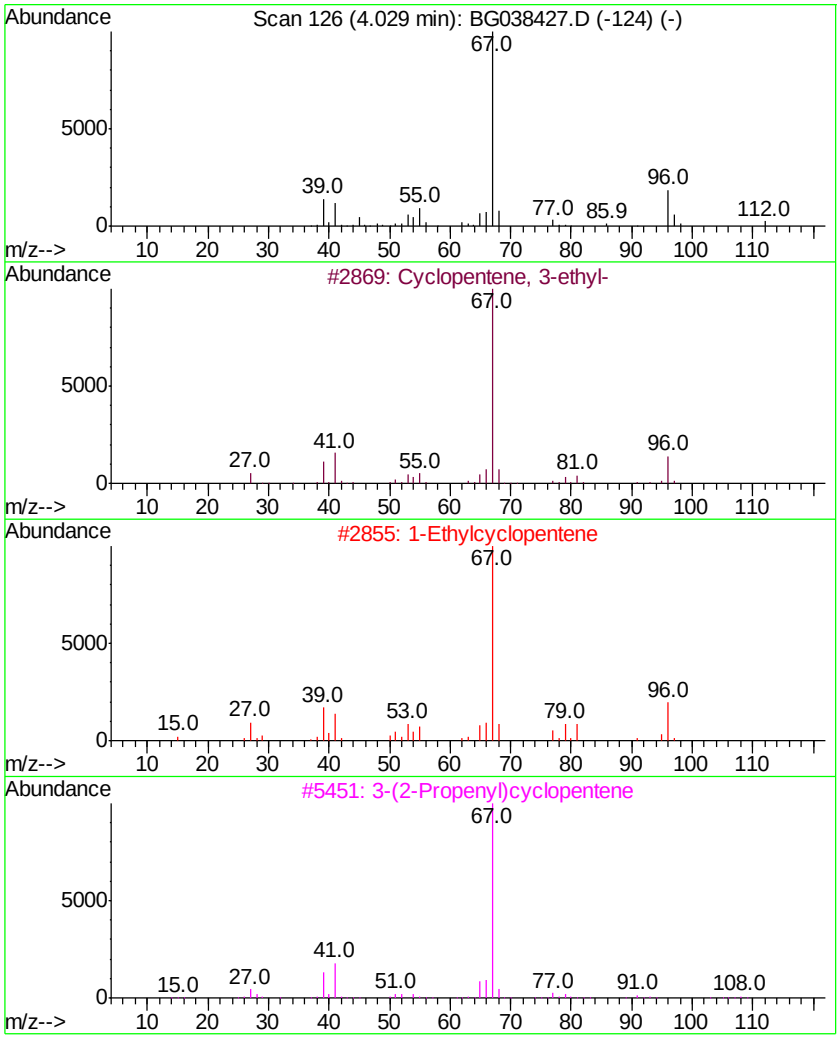
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

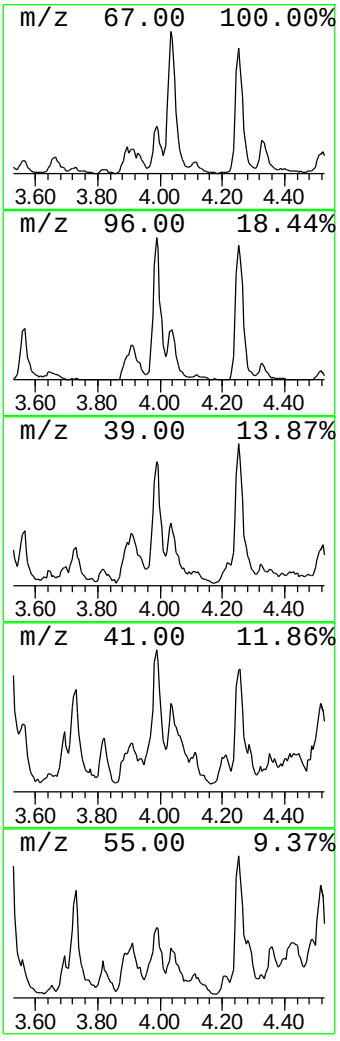
****

Peak Number 5 Cyclopentene, 3-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	16.31 ng	160474	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-ethyl-	96	C7H12	000694-35-9	80
2	1-Ethylcyclopentene	96	C7H12	002146-38-5	80
3	3-(2-Propenyl)cyclopentene	108	C8H12	014564-97-7	59
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	59
5	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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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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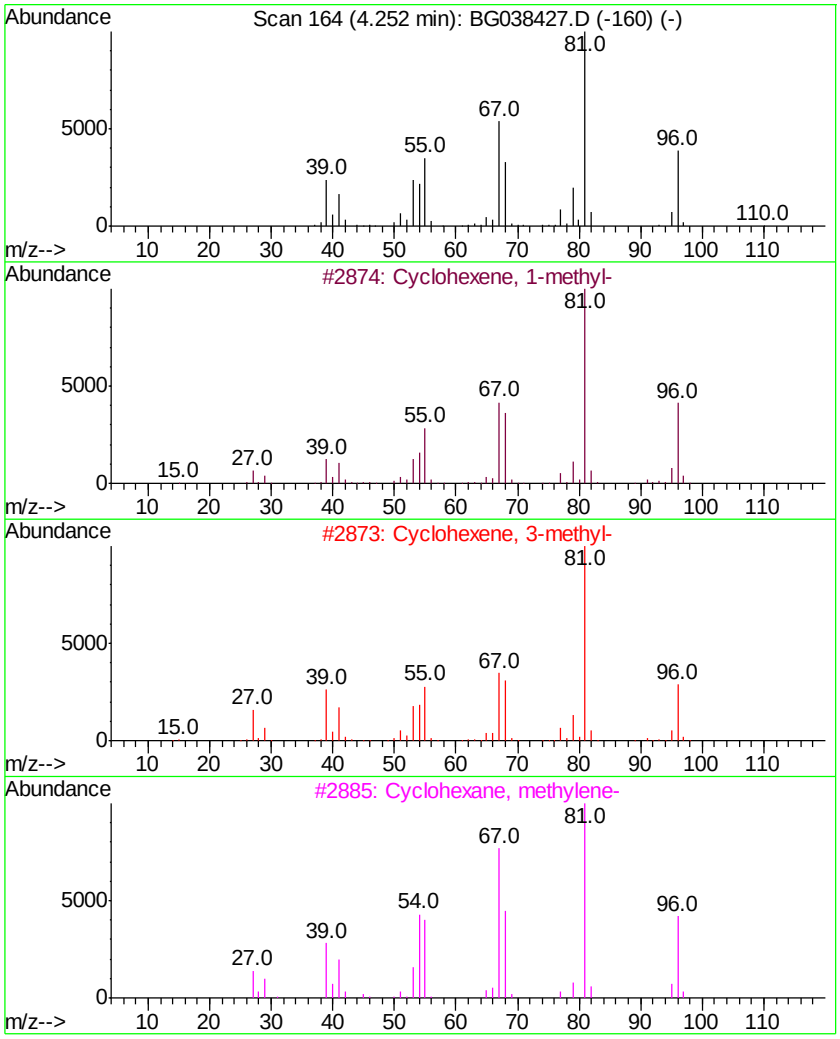
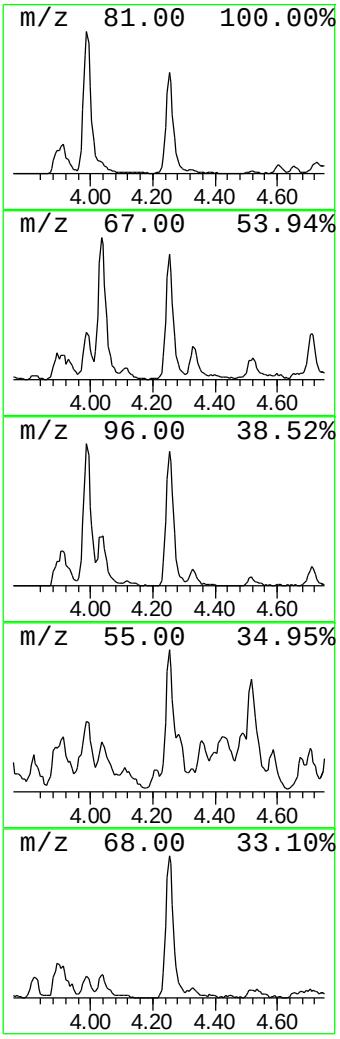
Peak Number 6 Cyclohexene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	36.75 ng	361517	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76





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Operator : JU/SJ
Sample : J6019-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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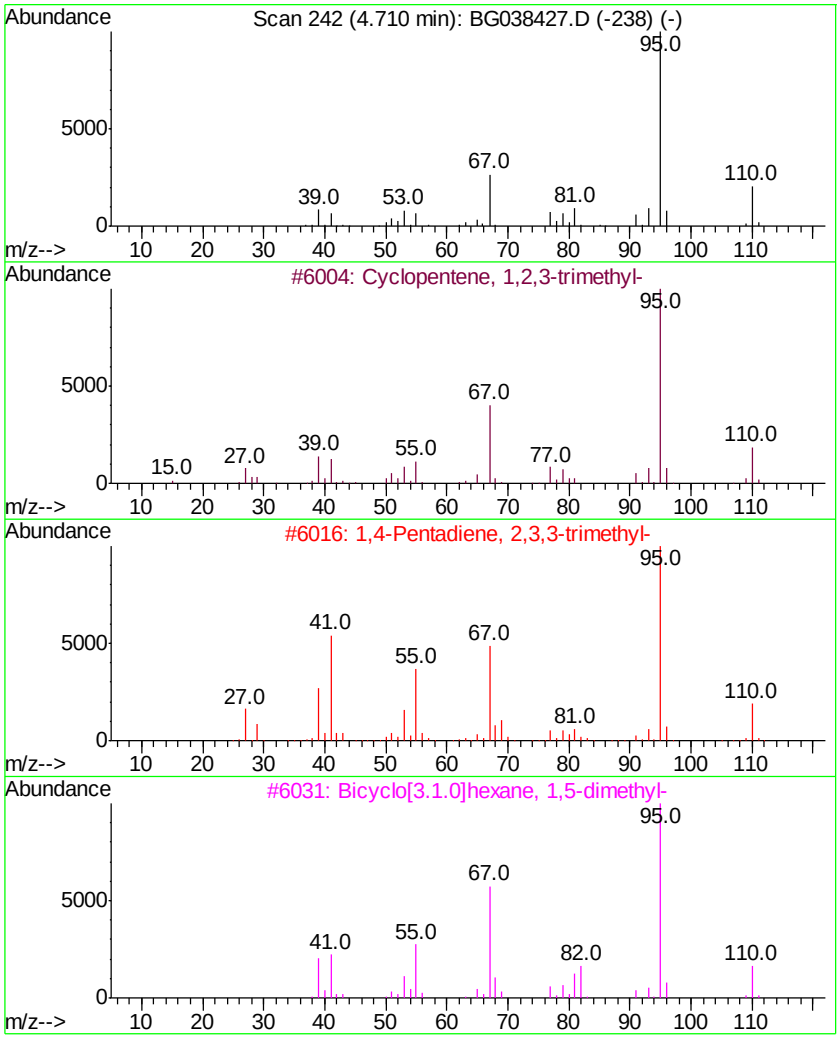
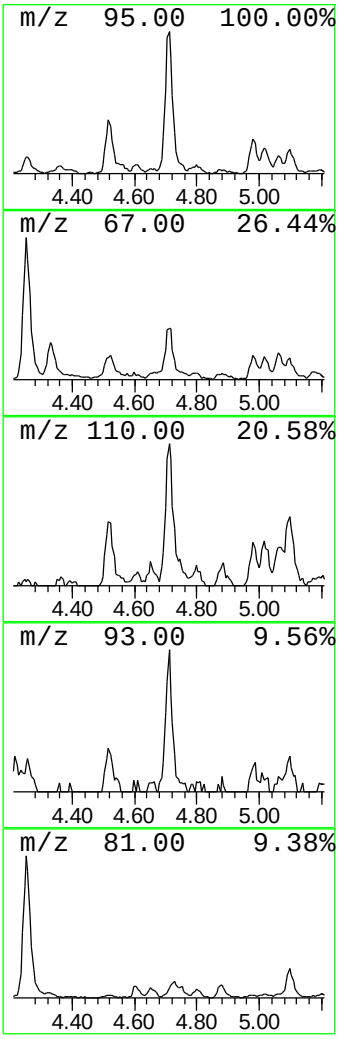
Peak Number 7 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	15.97 ng	157096	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	87
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	78
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	72
4	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	64
5	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	59





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Sample : J6019-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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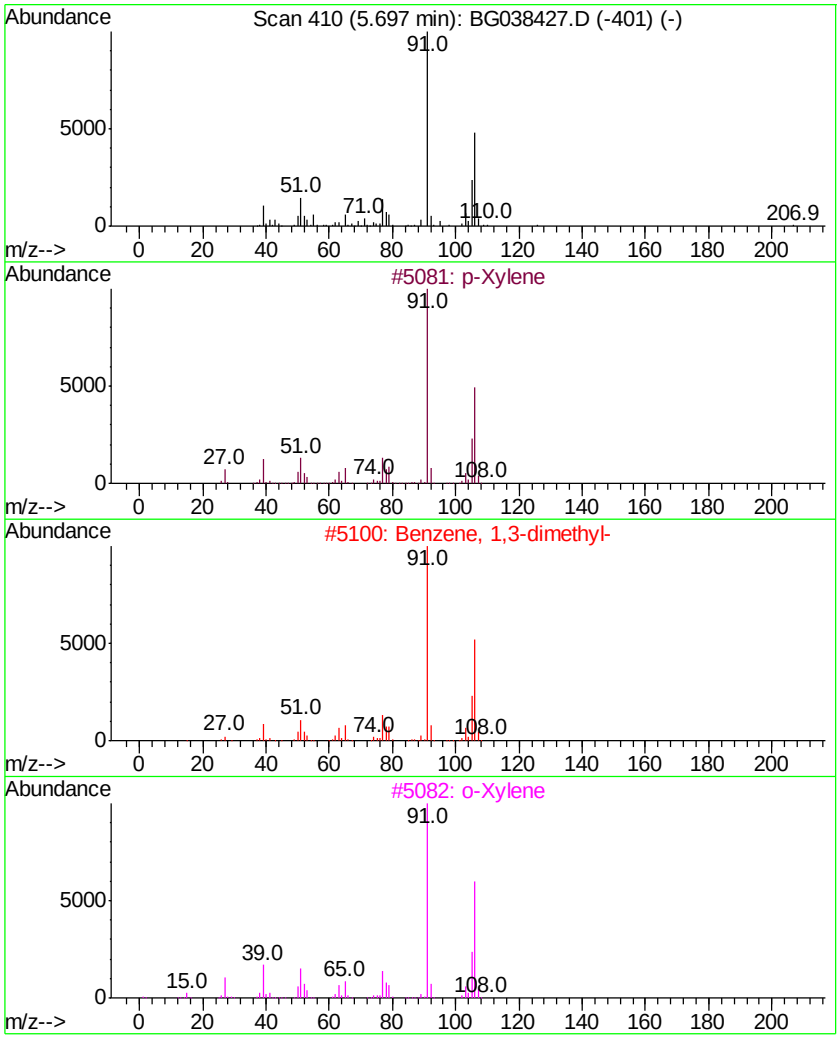
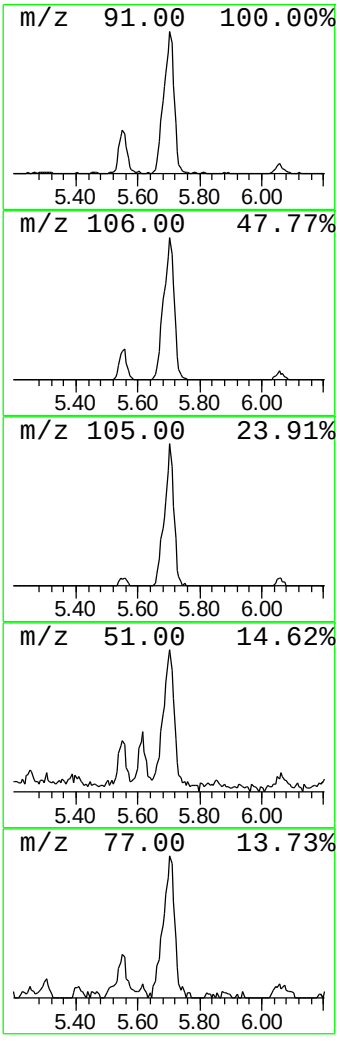
Peak Number 8 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	42.77 ng	420642	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	72





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Instrument : BNA_G
ClientSampleId : MW-2

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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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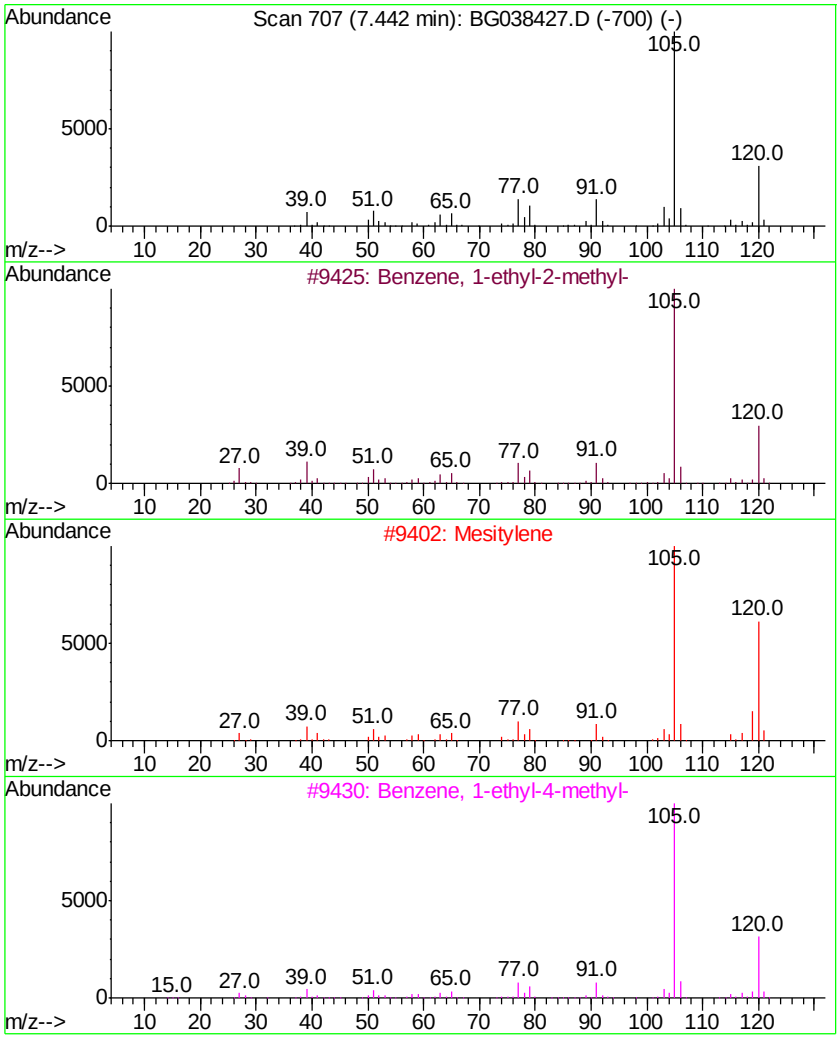
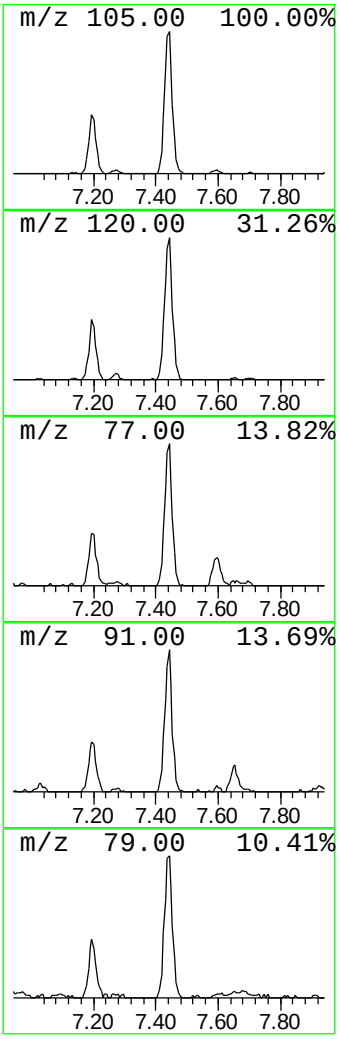
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	44.36 ng	436308	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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ClientSampleId : MW-2

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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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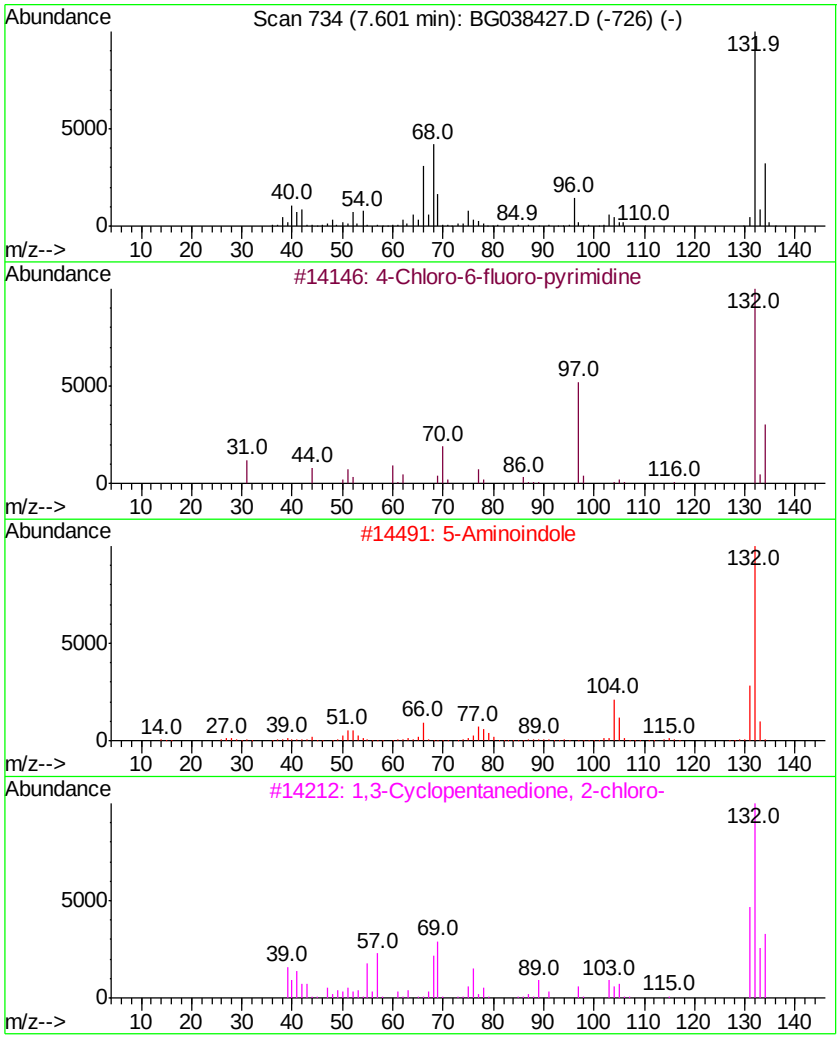
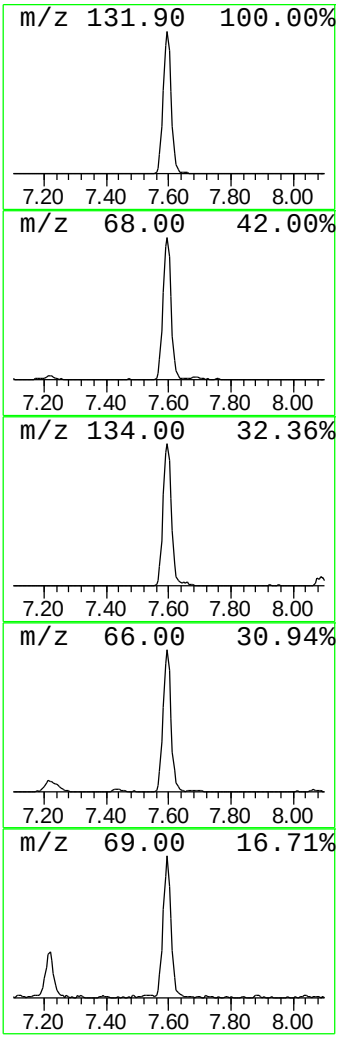
Peak Number 10 unknown7.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	65.43 ng	643563	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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Sample : J6019-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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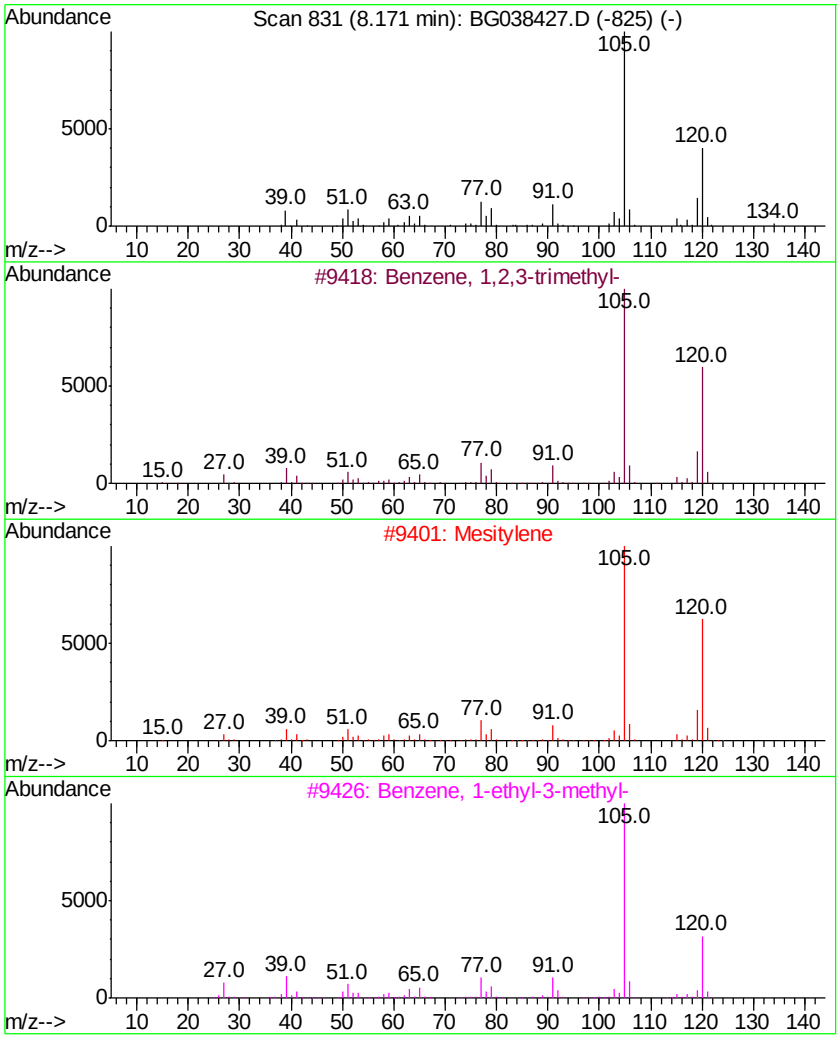
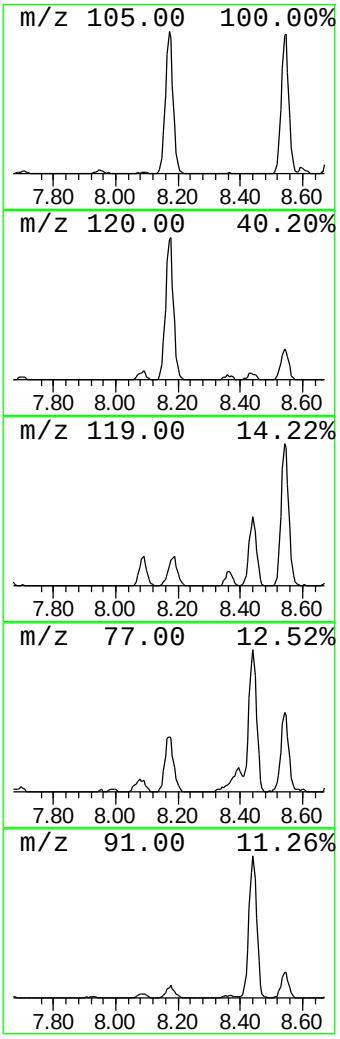
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	21.12 ng	207760	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Sample : J6019-02
Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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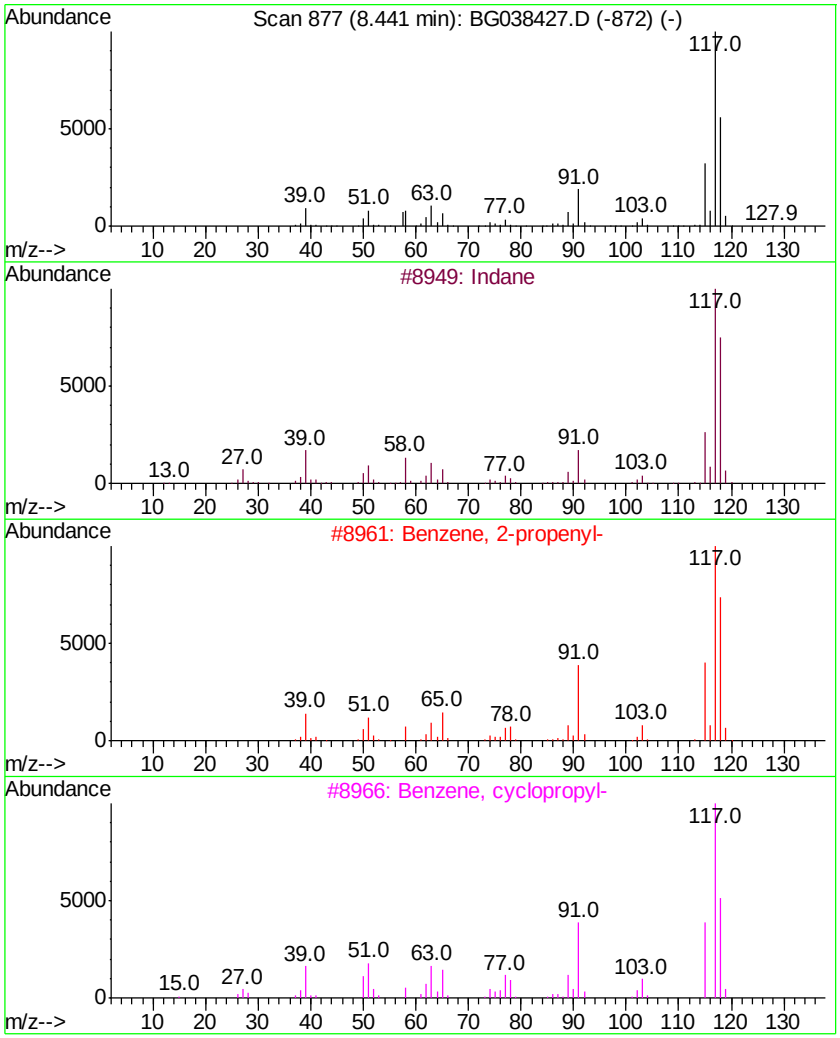
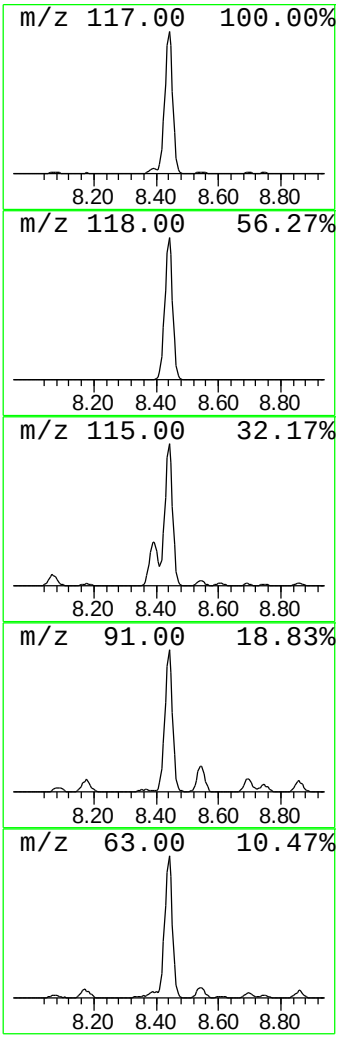
Peak Number 13 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	186.51 ng	1834490	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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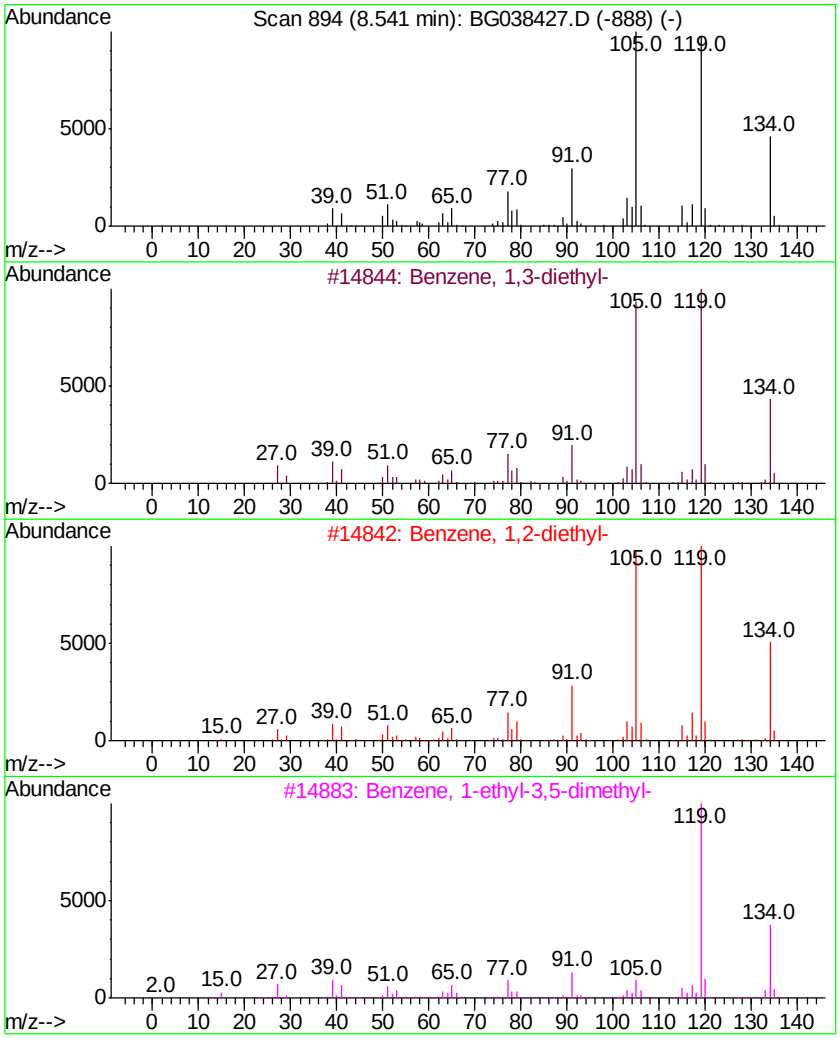
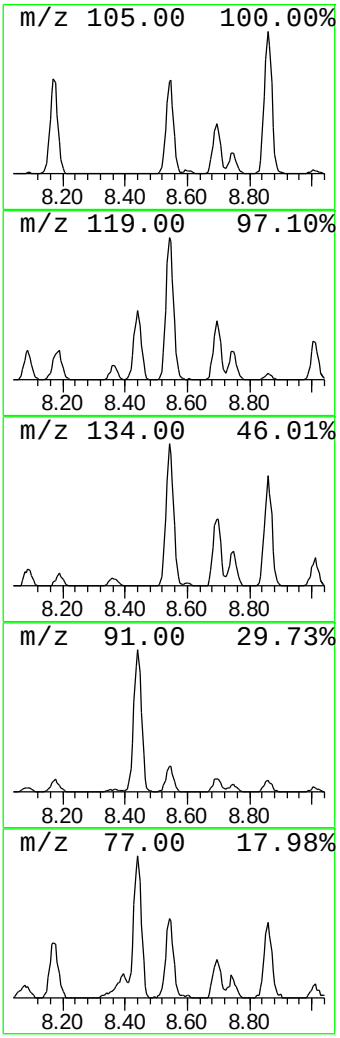
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	30.38 ng	298790	1,4-Dichlorobenzene-d4	8.07

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	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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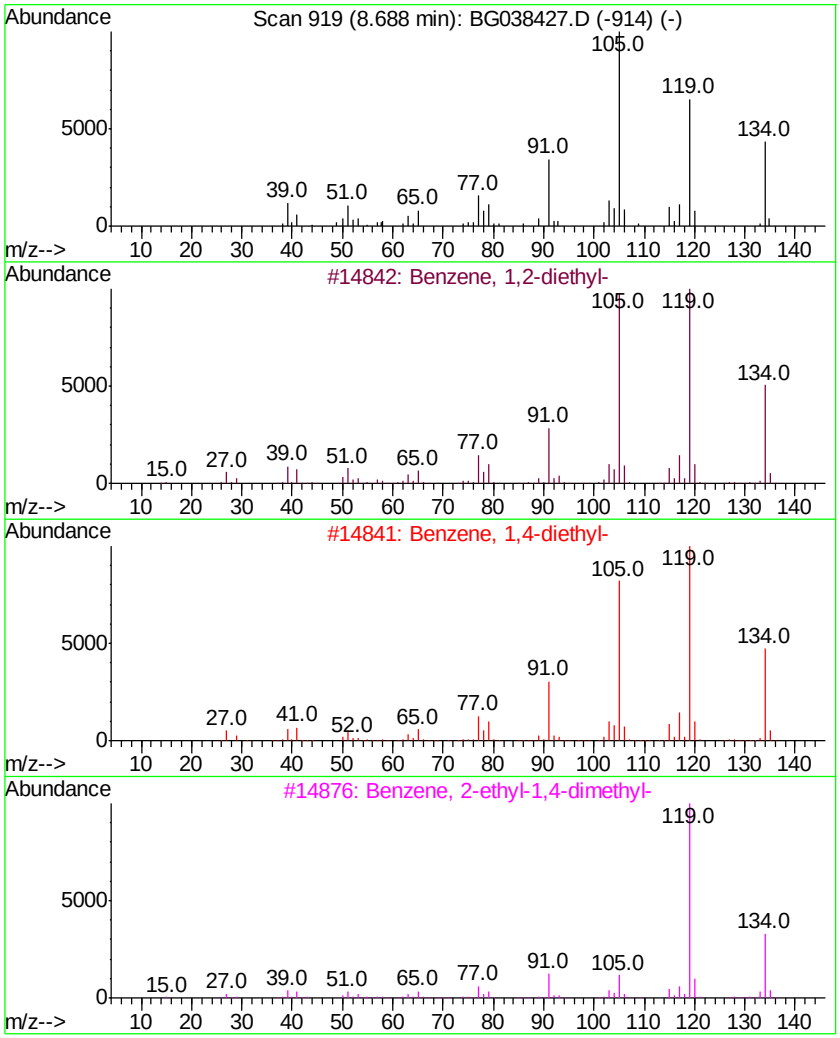
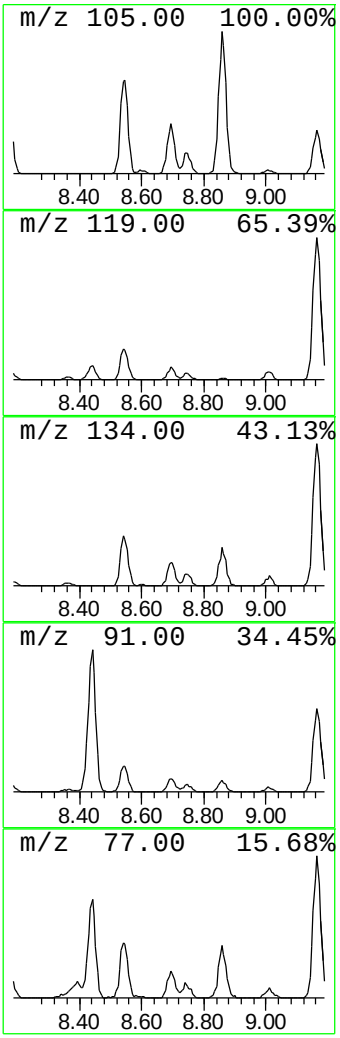
Peak Number 15 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	16.34 ng	160748	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-2

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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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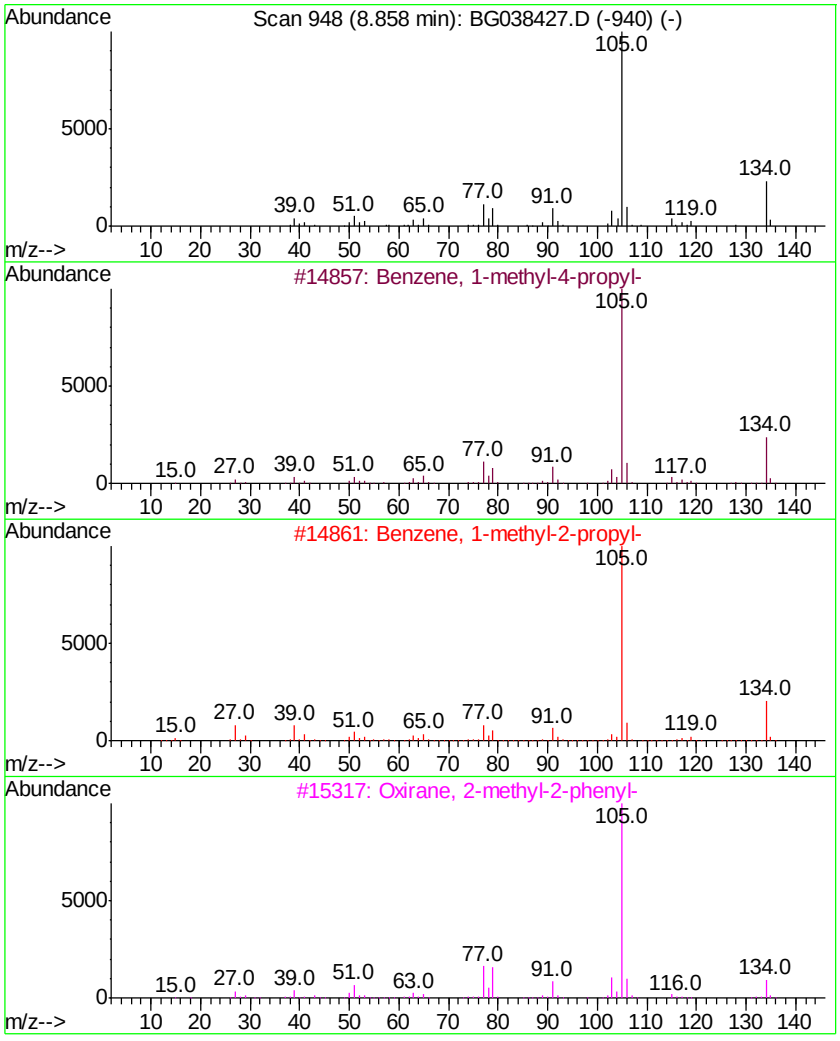
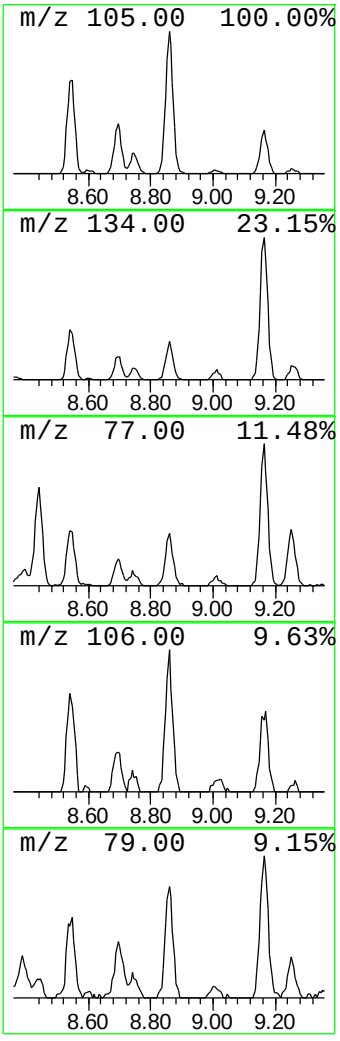
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	22.05 ng	216884	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90





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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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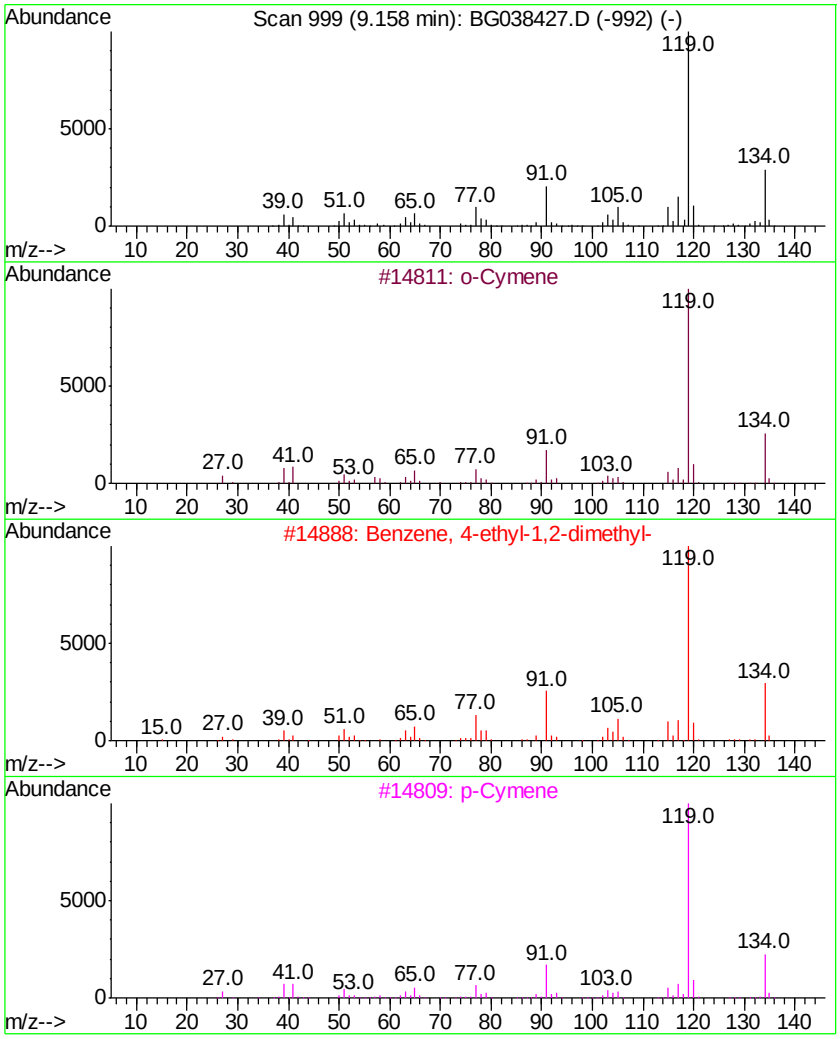
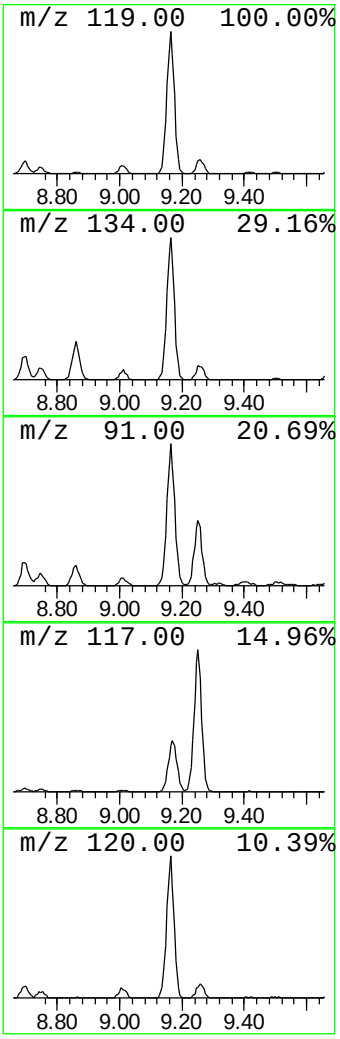
Peak Number 17 o-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	94.28 ng	927326	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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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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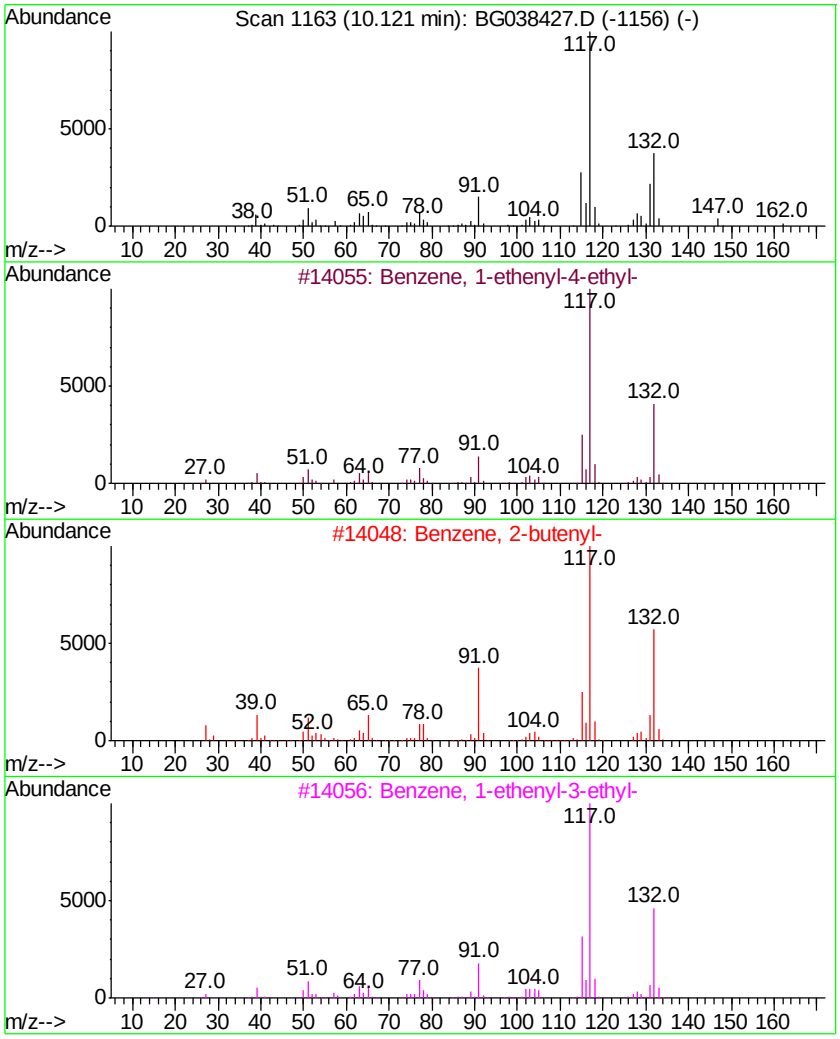
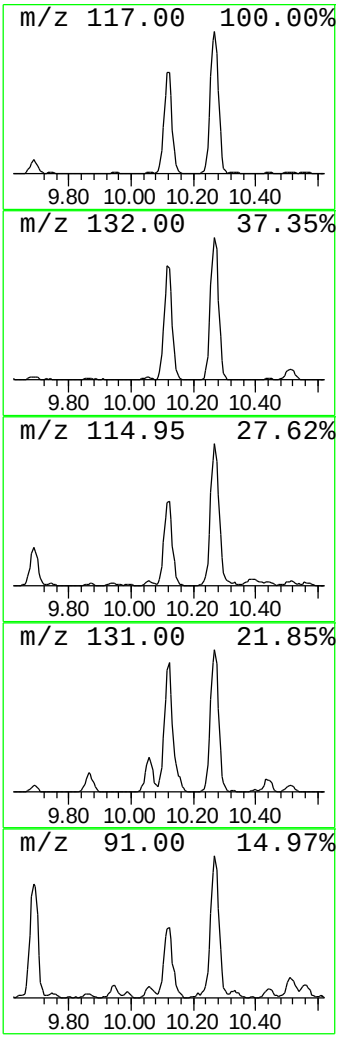
Peak Number 19 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	22.95 ng	444711	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

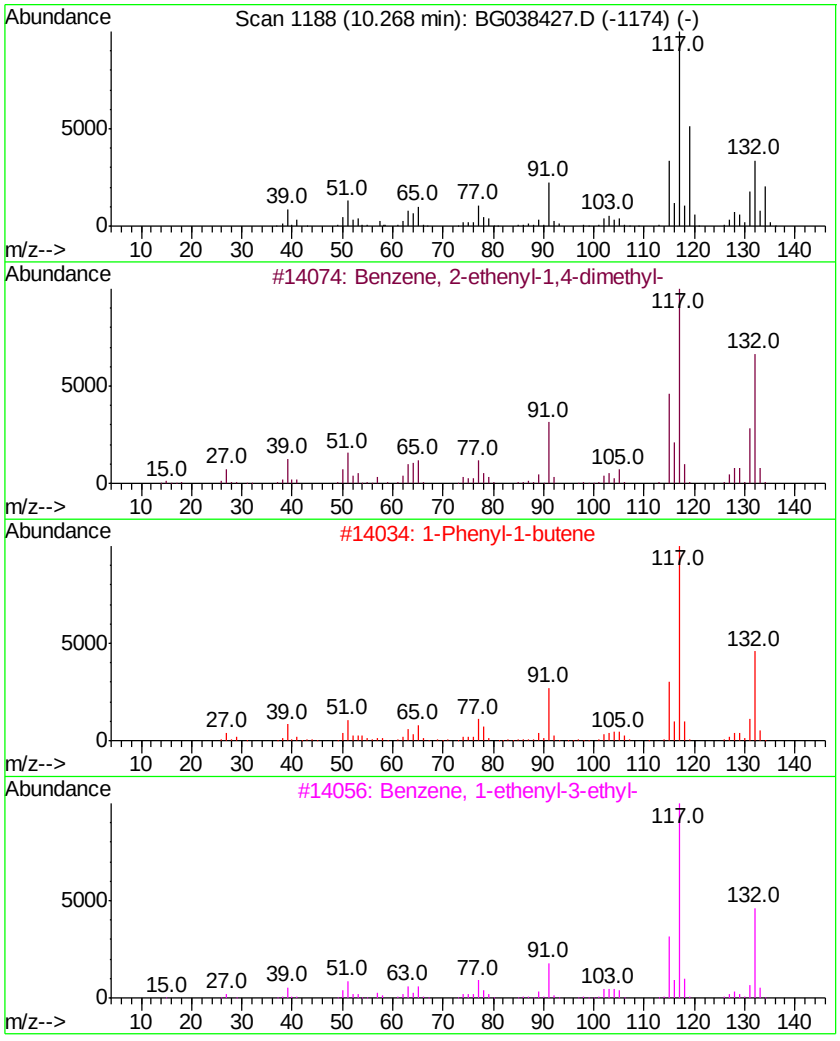
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

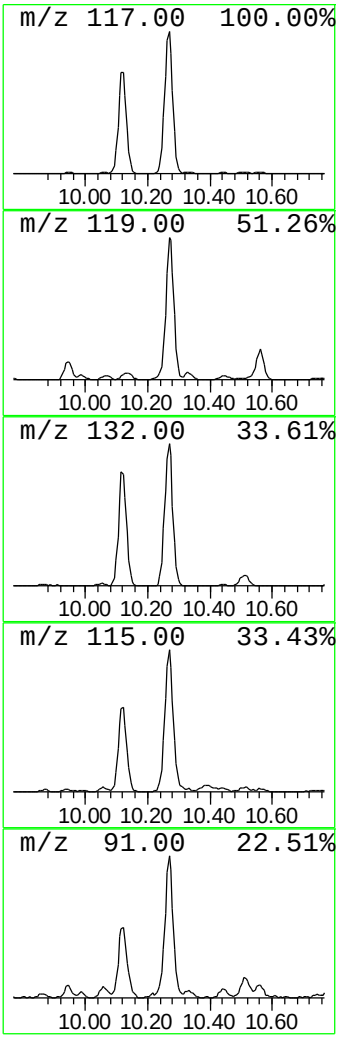
****

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	42.01 ng	814110	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
Data File : BG038427.D
Acq On : 8 Dec 2018 7:56
Operator : JU/SJ
Sample : J6019-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.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
Furan, 2-ethyl-	3.42	21.5	ng	211858	1	8.07	196721	20.0
Cyclopentene, 4,4...	3.56	14.9	ng	146150	1	8.07	196721	20.0
Cyclohexene, 4-me...	3.91	21.2	ng	208517	1	8.07	196721	20.0
Cyclopentene, 1,5...	3.99	35.5	ng	348792	1	8.07	196721	20.0
Cyclopentene, 3-e...	4.03	16.3	ng	160474	1	8.07	196721	20.0
Cyclohexene, 1-me...	4.25	36.8	ng	361517	1	8.07	196721	20.0
Cyclopentene, 1,2...	4.71	16.0	ng	157096	1	8.07	196721	20.0
p-Xylene	5.70	42.8	ng	420642	1	8.07	196721	20.0
Benzene, 1-ethyl-...	7.44	44.4	ng	436308	1	8.07	196721	20.0
unknown7.60	7.60	65.4	ng	643563	1	8.07	196721	20.0
Benzene, 1,2,3-tr...	8.17	21.1	ng	207760	1	8.07	196721	20.0
Indane	8.44	186.5	ng	1834490	1	8.07	196721	20.0
Benzene, 1,3-diet...	8.54	30.4	ng	298790	1	8.07	196721	20.0
Benzene, 1,2-diet...	8.69	16.3	ng	160748	1	8.07	196721	20.0
Benzene, 1-methyl...	8.86	22.1	ng	216884	1	8.07	196721	20.0
o-Cymene	9.16	94.3	ng	927326	1	8.07	196721	20.0
Benzene, 1-etheny...	10.12	22.9	ng	444711	2	10.89	387569	20.0
Benzene, 2-etheny...	10.27	42.0	ng	814110	2	10.89	387569	20.0