LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

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_F\METHODS\8270-BF111319.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	2.222	12	23	26	rBV	7233733	13631035	38.06%	5.600%
2	3.781	280	288	297	rBV5	197038	398894	1.11%	0.164%
3	3.957	313	318	320	rVV	467174	726978	2.03%	0.299%
4	4.010	320	327	330	rVV	4021494	6181470	17.26%	2.540%
5	4.293	371	375	381	rBV	354466	469825	1.31%	0.193%
6	4.669	432	439	443	rBV4	353616	659961	1.84%	0.271%
7	5.134	510	518	522	rVV3	317173	592887	1.66%	0.244%
8	5.181	522	526	533	rVV4	190438	377784	1.05%	0.155%
9	5.251	534	538	545	rVB	362045	458249	1.28%	0.188%
10	5.410	556	565	568	rBV	8741399	14770115	41.24%	6.068%
11	5.545	575	588	590	rBV2	10891853	35811768	100.00%	14.713%
12	5.781	620	628	631	rBV	9145229	16388618	45.76%	6.733%
13	6.069	674	677	680	rBV	1586070	1316019	3.67%	0.541%
14	6.357	723	726	730	rVB	1983131	1847918	5.16%	0.759%
15	6.434	731	739	741	rBV	7160930	8979327	25.07%	3.689%
16	6.463	741	744	747	rVB	5541888	4908364	13.71%	2.017%
17	6.510	747	752	754	rBV	6329783	6201834	17.32%	2.548%
18	6.540	754	757	762	rVB2	1627536	1973004	5.51%	0.811%
19	6.593	762	766	769	rBV	6143147	5655585	15.79%	2.324%
20	6.675	775	780	784	rBV	2896812	3688590	10.30%	1.515%
21	6.751	784	793	795	rBV	9999925	17914887	50.03%	7.360%
22	6.898	815	818	822	rBV	1062210	1088223	3.04%	0.447%
23	6.969	825	830	833	rVB	7060333	7987464	22.30%	3.282%
24	7.057	841	845	847	rBV2	3250401	4203618	11.74%	1.727%
25	7.092	847	851	854	rVB	6834140	7215113	20.15%	2.964%
26	7.151	857	861	862	rBV2	2094391	2387431	6.67%	0.981%
27	7.163	862	863	868	rVB2	2623277	2481650	6.93%	1.020%
28	7.222	868	873	881	rBV2	3574965	3946061	11.02%	1.621%
29	7.292	881	885	890	rBV2	1075101	1451154	4.05%	0.596%
30	7.369	894	898	899	rBV	2104781	2051550	5.73%	0.843%
31	7.392	899	902	905	rVB	1885930	1718132	4.80%	0.706%
32	7.439	905	910	912	rBV2	4075202	4556849	12.72%	1.872%
33	7.475	912	916	919	rVB2	4350473	4785448	13.36%	1.966%
34	7.587	931	935	938	rVB	1521211	1443144	4.03%	0.593%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

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_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.669	941	949	951	rBV	2066896	2056492	5.74%	0.845%
36	7.698	951	954	957	rVB	3262251	2673337	7.46%	1.098%
37	7.745	957	962	965	rBV2	586633	575956	1.61%	0.237%
38	7.839	974	978	979	rBV2	1248057	1393201	3.89%	0.572%
39	7.857	979	981	985	rVB	3000846	2535902	7.08%	1.042%
40	7.928	985	993	996	rBV2	4638307	5109534	14.27%	2.099%
41	7.969	998	1000	1002	rVB	922984	614780	1.72%	0.253%
42	8.028	1007	1010	1013	rVB2	427429	515399	1.44%	0.212%
43	8.181	1032	1036	1037	rBV2	1070148	1100003	3.07%	0.452%
44	8.216	1037	1042	1046	rVB	5359191	7380015	20.61%	3.032%
45	8.257	1048	1049	1054	rVB2	451657	495722	1.38%	0.204%
46	8.416	1072	1076	1077	rBV	633065	669791	1.87%	0.275%
47	8.539	1093	1097	1100	rVB	1692007	2388240	6.67%	0.981%
48	8.569	1100	1102	1106	rVB	971263	879028	2.45%	0.361%
49	8.622	1106	1111	1113	rBV2	691675	839002	2.34%	0.345%
50	8.651	1113	1116	1120	rVB2	573288	817993	2.28%	0.336%
51	8.692	1120	1123	1128	rVB3	375067	461665	1.29%	0.190%
52	8.781	1135	1138	1141	rVB2	497619	488478	1.36%	0.201%
53	8.904	1154	1159	1162	rBV	3272959	2794679	7.80%	1.148%
54	9.004	1170	1176	1179	rBV2	2420929	2351748	6.57%	0.966%
55	9.263	1215	1220	1223	rVB	3988737	3844571	10.74%	1.579%
56	9.357	1231	1236	1242	rBV5	272848	526923	1.47%	0.216%
57	9.533	1263	1266	1269	rVB4	376481	404613	1.13%	0.166%
58	9.657	1284	1287	1289	rVV	1036931	757264	2.11%	0.311%
59	9.945	1332	1336	1340	rVB	1275664	1067189	2.98%	0.438%
60	10.739	1466	1471	1474	rVB	2347987	2287396	6.39%	0.940%
61	10.869	1487	1493	1499	rVB2	310868	426286	1.19%	0.175%
62	11.016	1514	1518	1526	rVB2	485493	548147	1.53%	0.225%
63	11.439	1586	1590	1593	rBV	1145145	943348	2.63%	0.388%
64	11.975	1674	1681	1686	rBV2	1348505	1602963	4.48%	0.659%
65	12.757	1810	1814	1821	rVB	736711	817222	2.28%	0.336%
66	13.033	1856	1861	1864	rBV	3931114	3606558	10.07%	1.482%
67	13.927	2010	2013	2019	rBV	384685	471643	1.32%	0.194%
68	14.092	2037	2041	2044	rVB	1015324	855627	2.39%	0.352%
69	15.598	2292	2297	2300	rBV	542287	835001	2.33%	0.343%

Sum of corrected areas: 243404665

LSC Report - Integrated Chromatogram

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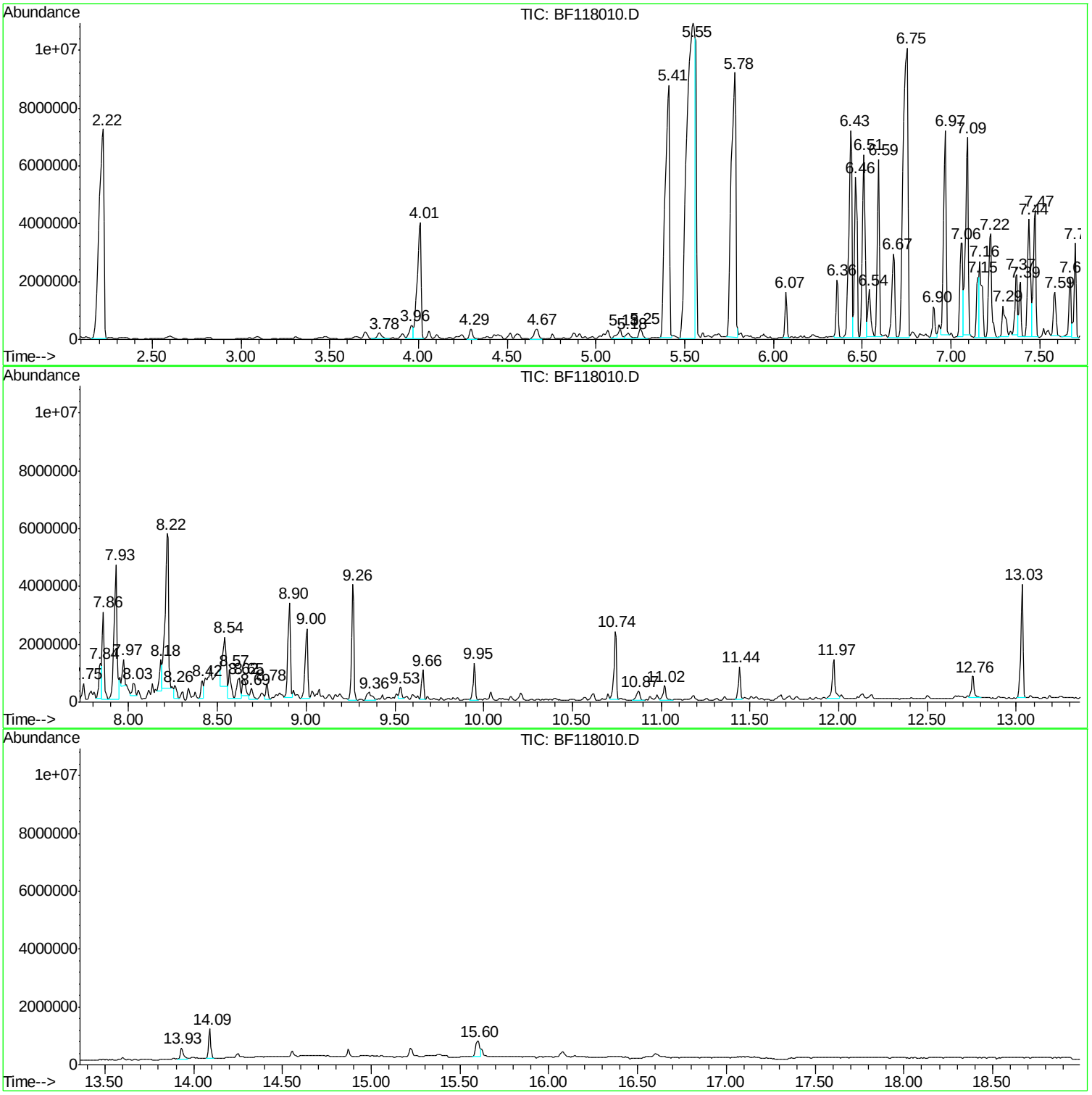
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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 F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

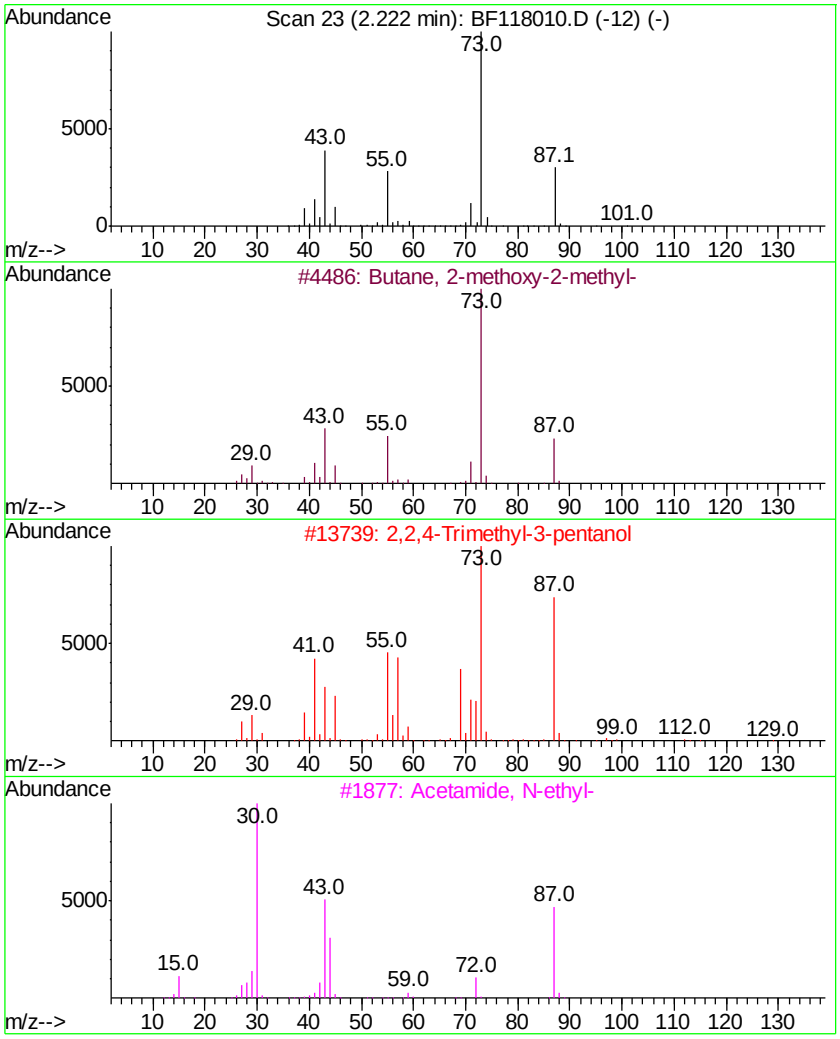
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

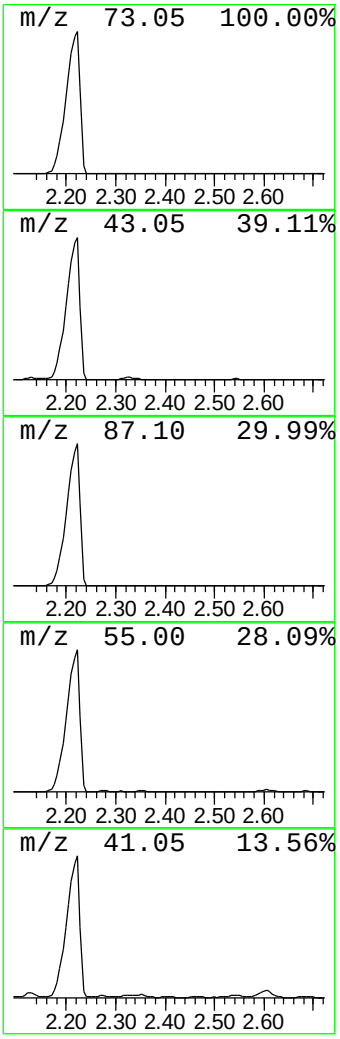
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	250.52 ng	13631000	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

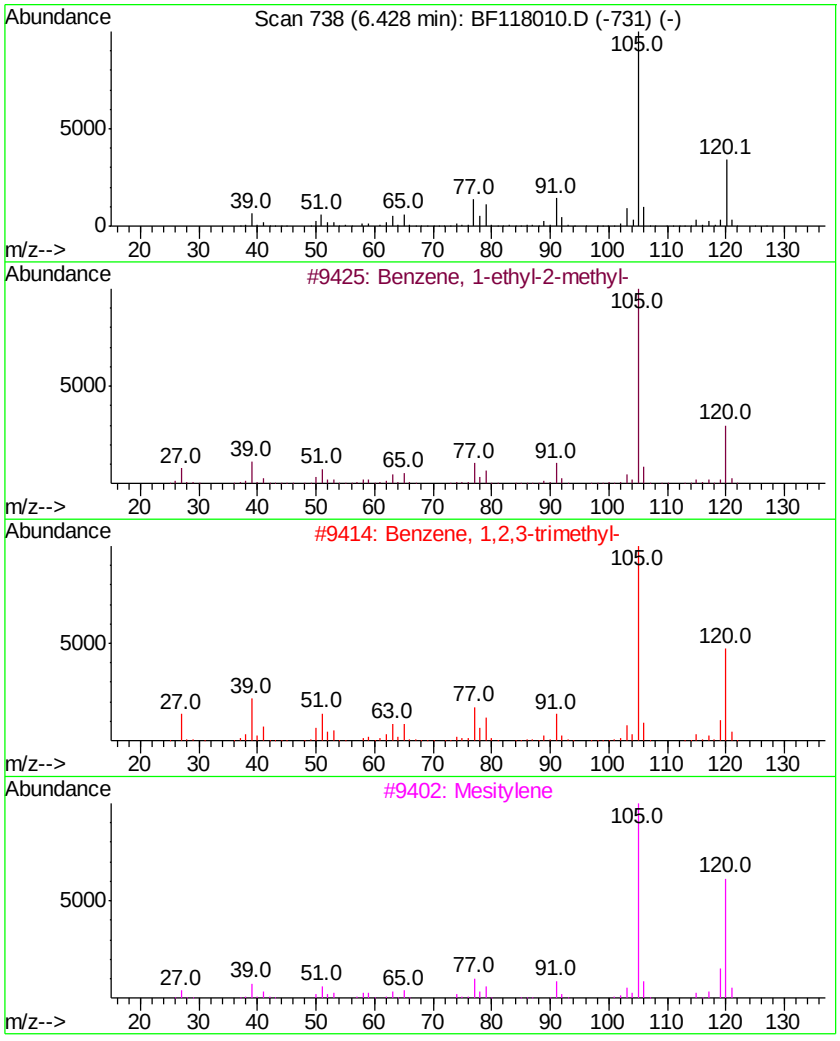
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

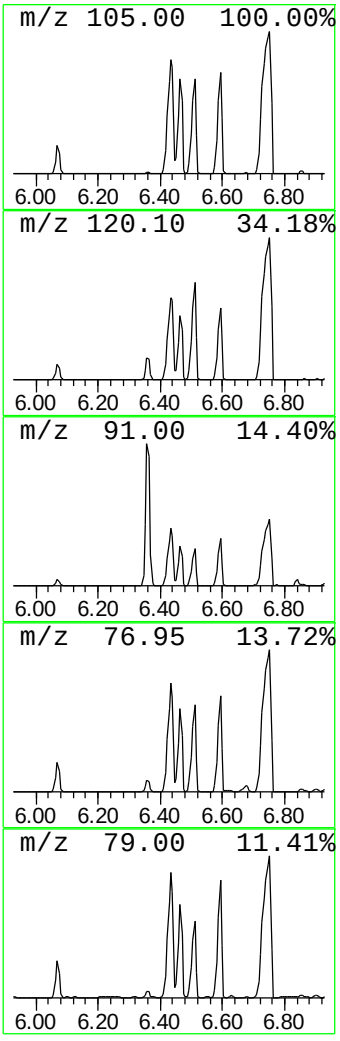
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	165.03 ng	8979330	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Data File : BF118010.D
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Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

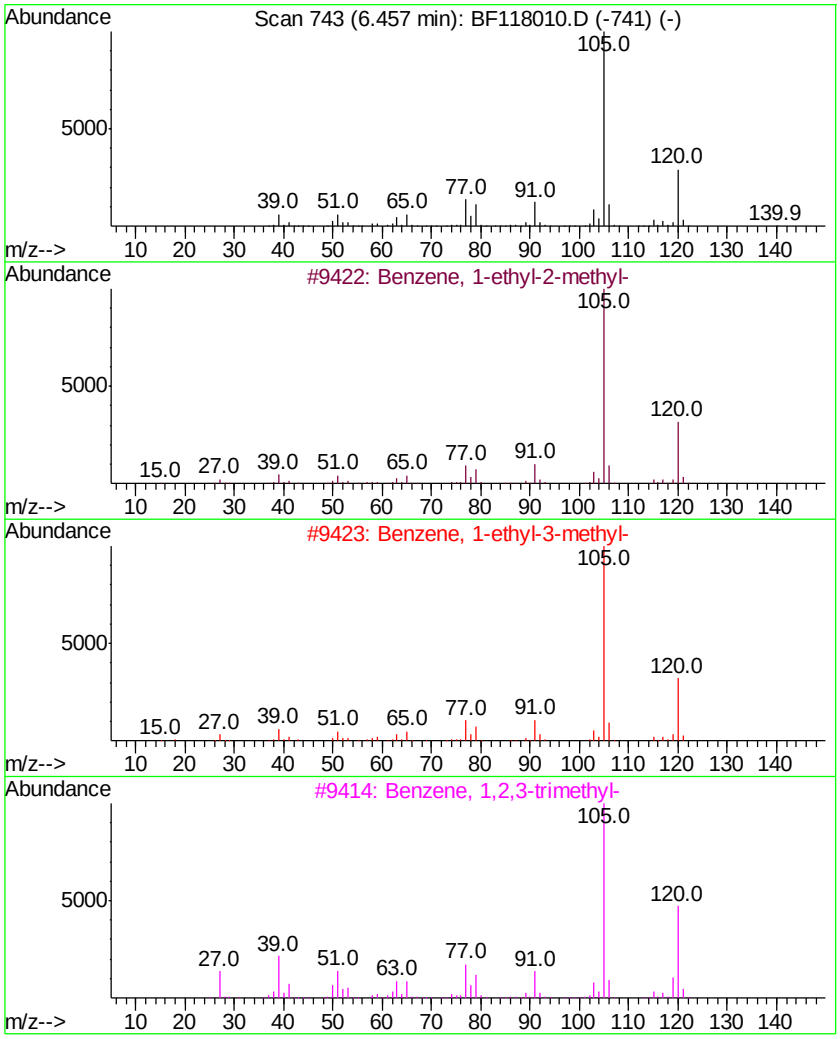
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

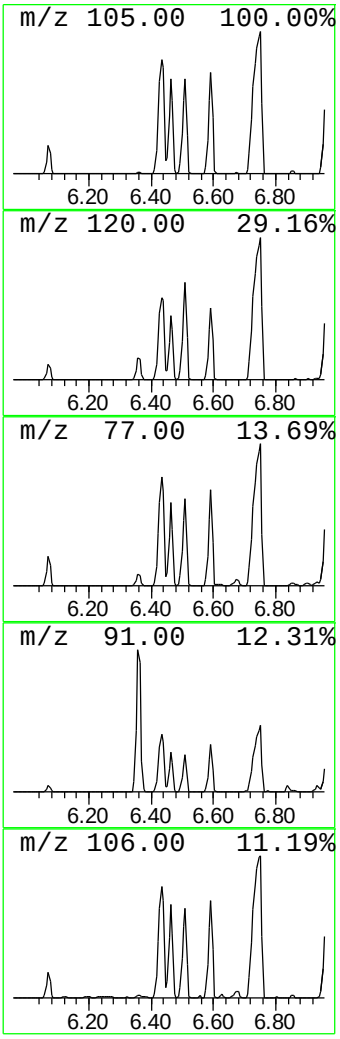
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	90.21 ng	4908360	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

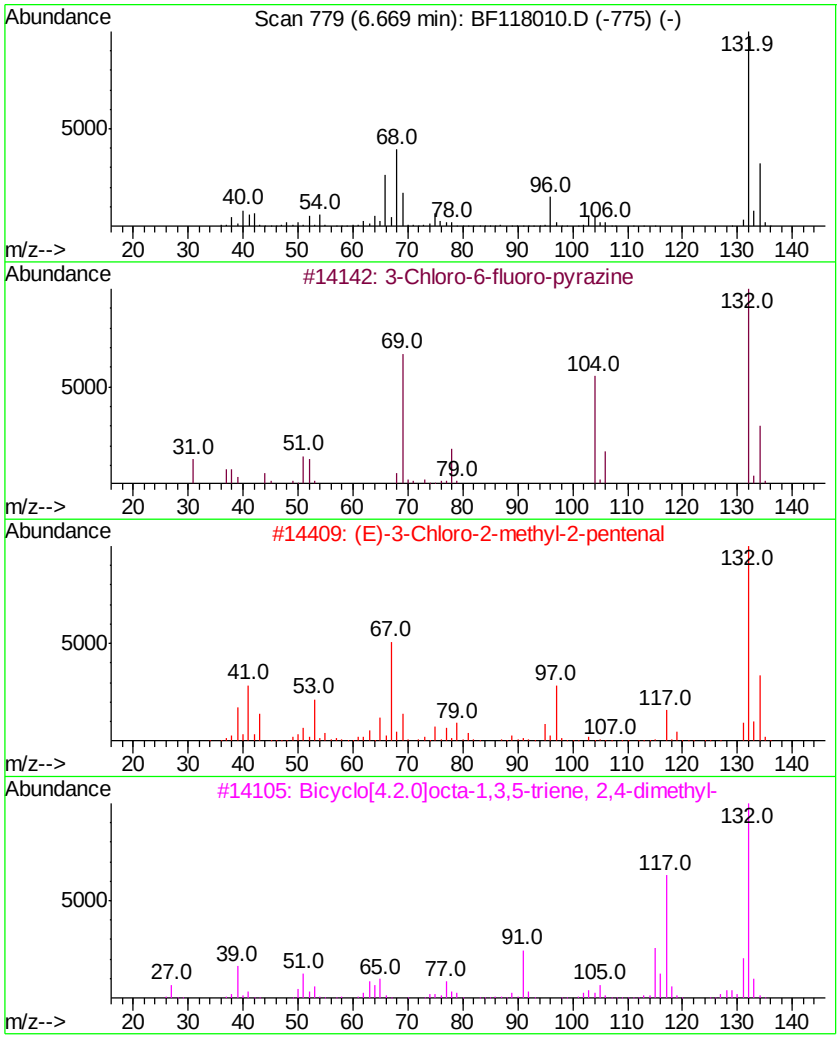
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

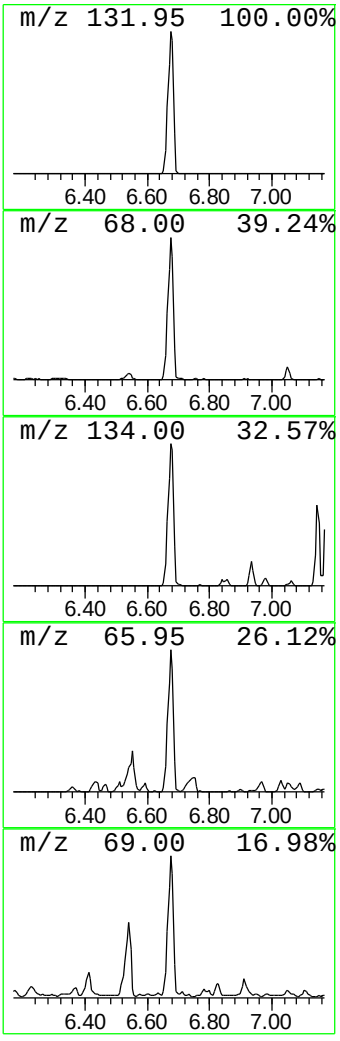
****

Peak Number 7 unknown6.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	67.79 ng	3688590	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

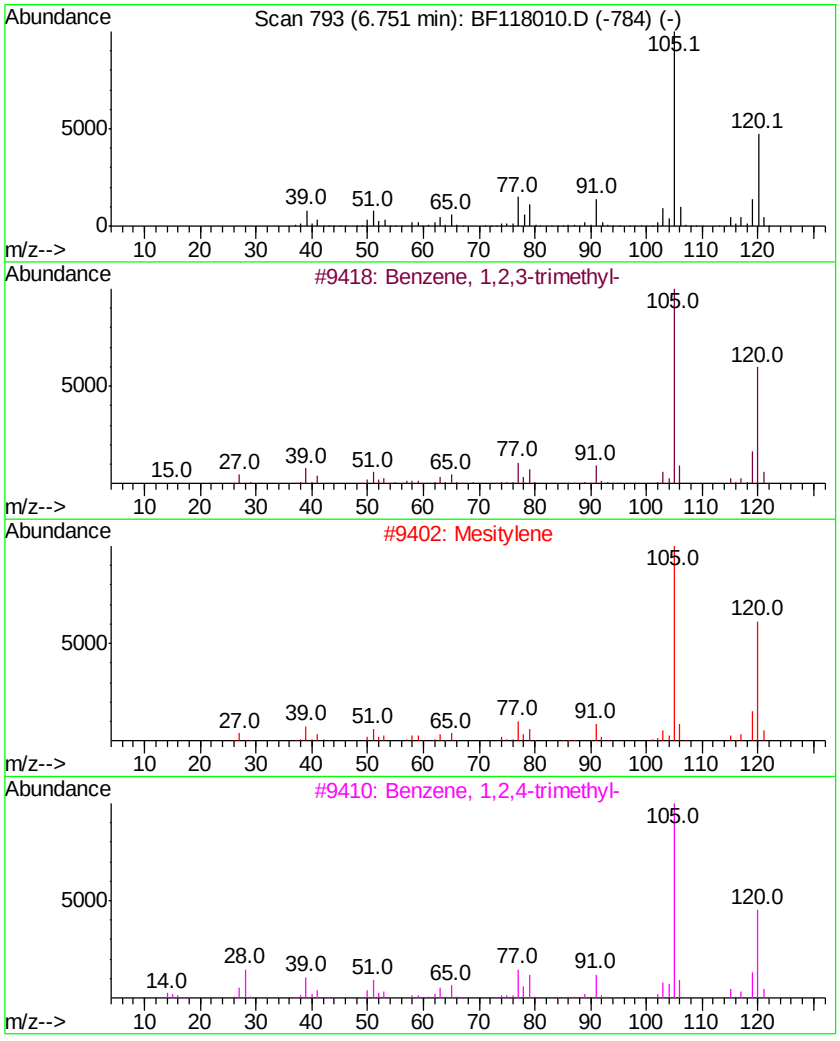
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

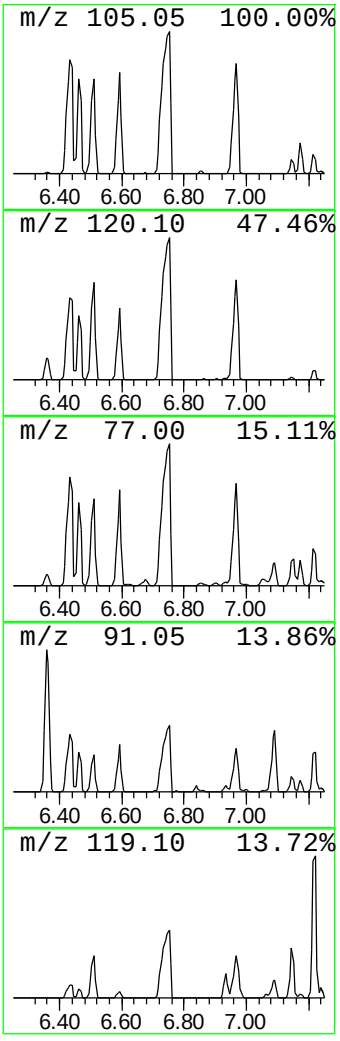
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	329.25 ng	17914900	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

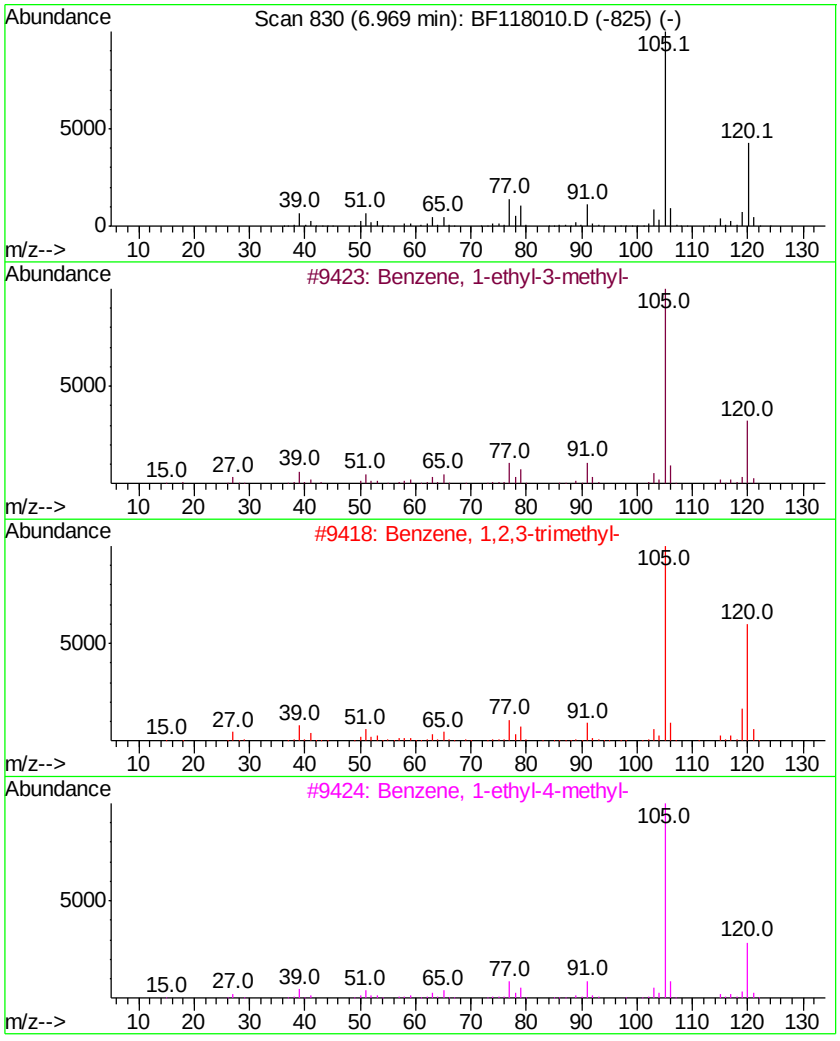
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

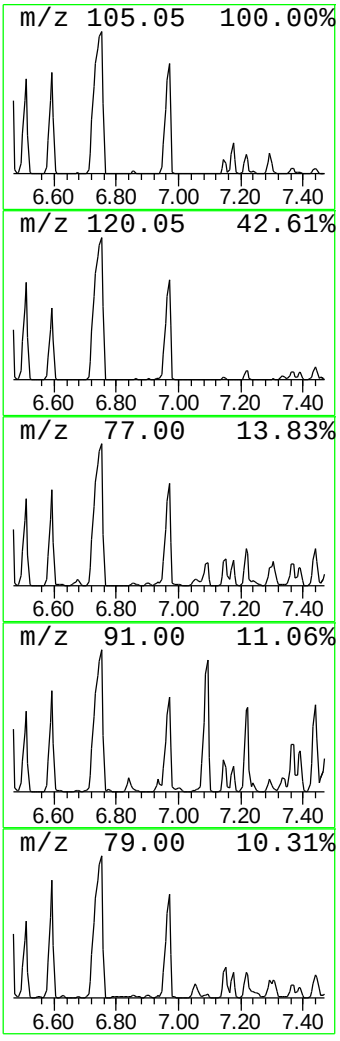
****

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	146.80 ng	7987460	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

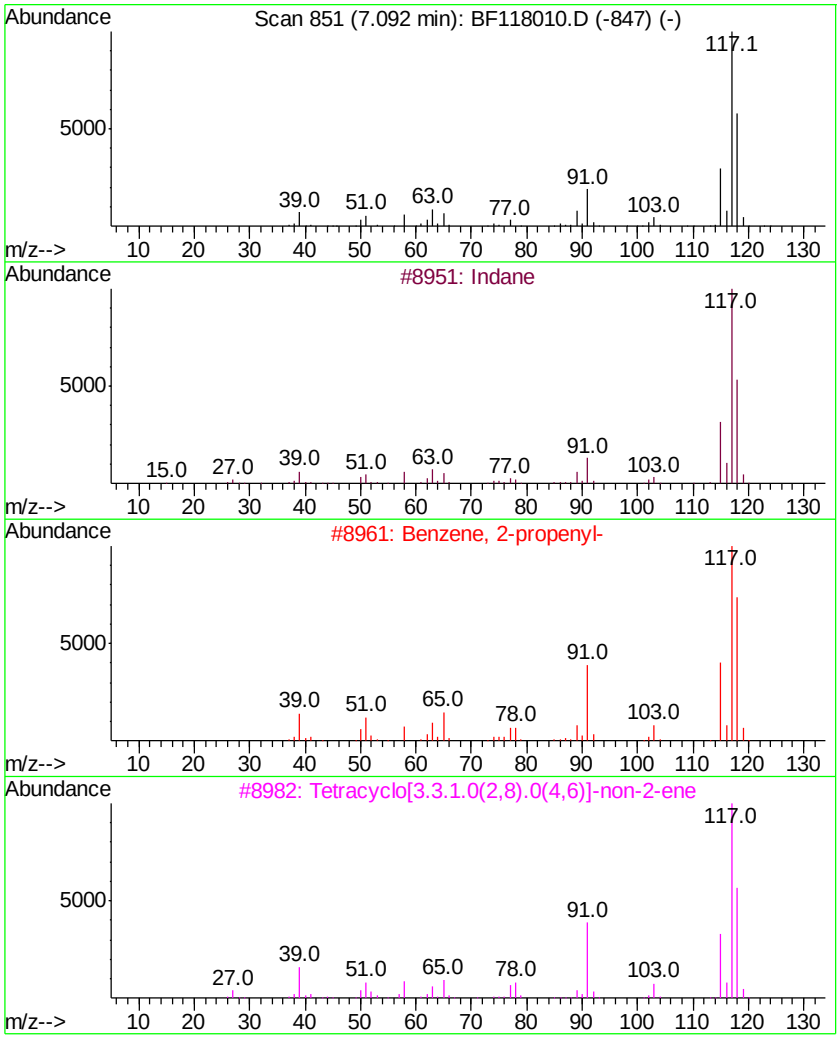
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

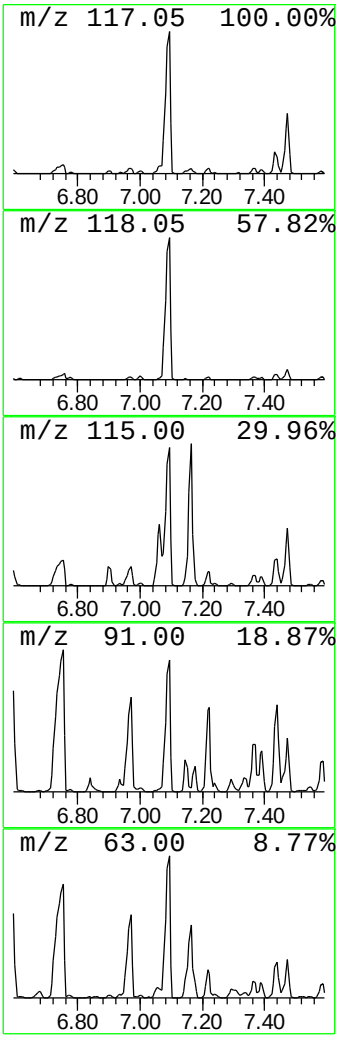
****

Peak Number 11 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	132.60 ng	7215110	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	53
5	Deltacyclene	118	C9H10	007785-10-6	53





Library Search Compound Report

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Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

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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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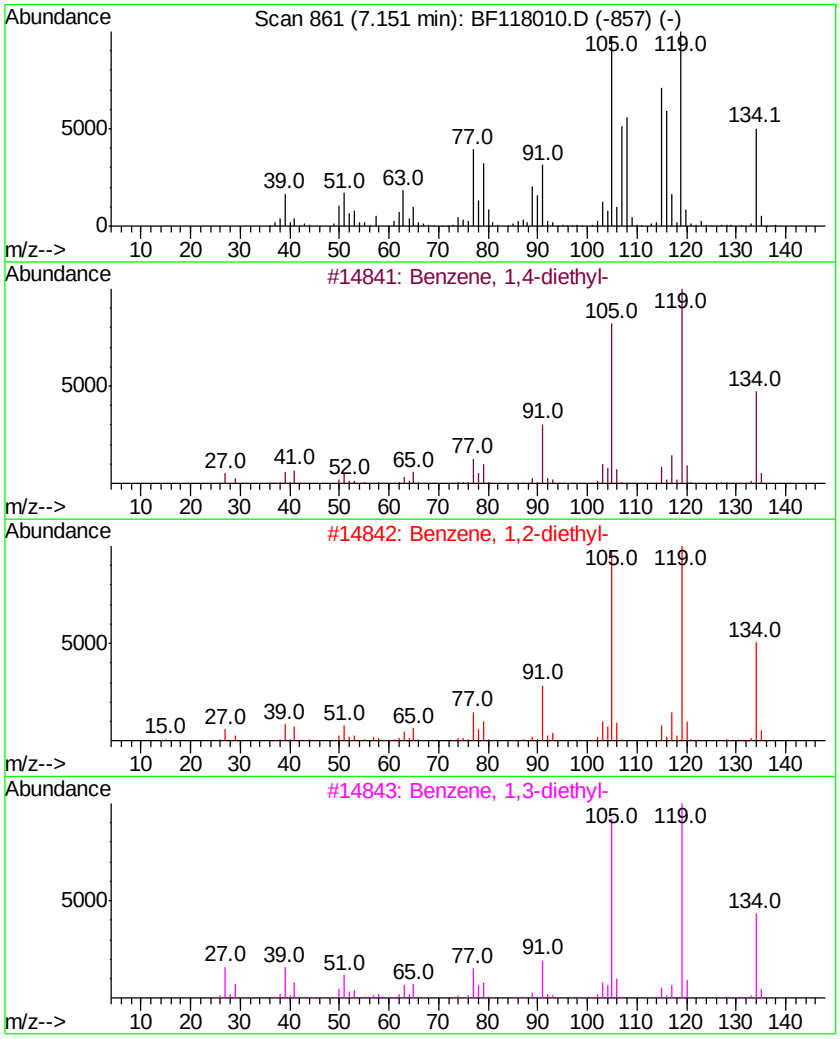
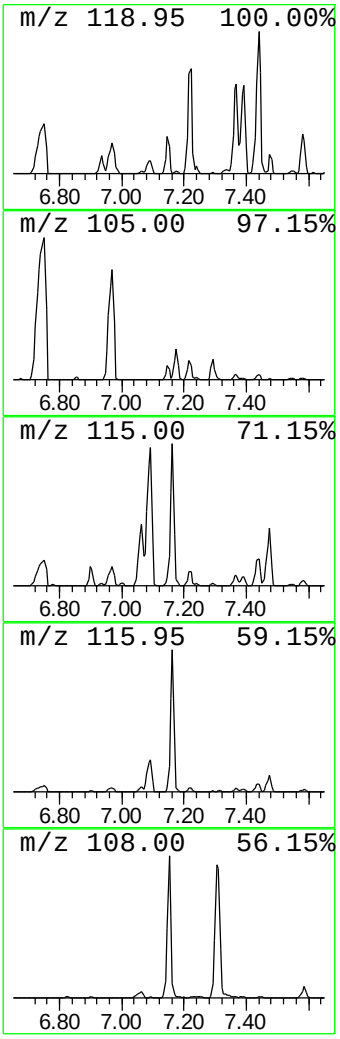
Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	43.88 ng	2387430	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	42
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	38





Library Search Compound Report

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Data File : BF118010.D
Acq On : 26 Nov 2019 16:37
Operator : JU
Sample : K6002-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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 13 Benzene, 1-propynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	45.61 ng	2481650	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	80
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	78
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	72