LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.614	380	387	394	rBV	509283	836314	47.51%	3.389%
2	6.678	564	568	577	rVB9	12975	27846	1.58%	0.113%
3	6.930	605	611	618	rBV6	18515	43656	2.48%	0.177%
4	7.030	623	628	633	rVB3	32349	56690	3.22%	0.230%
5	7.089	633	638	643	rBV4	19648	28505	1.62%	0.116%
6	7.230	651	662	674	rBV	536527	1028479	58.43%	4.167%
7	7.441	693	698	703	rVV4	20265	30586	1.74%	0.124%
8	7.541	711	715	724	rVB10	14317	41014	2.33%	0.166%
9	7.706	737	743	751	rBV	169297	299573	17.02%	1.214%
10	8.029	793	798	801	rBV2	109944	174330	9.90%	0.706%
11	8.064	801	804	805	rVV	80362	99559	5.66%	0.403%
12	8.094	805	809	820	rVB	172179	328631	18.67%	1.332%
13	8.176	820	823	827	rBV5	29024	45213	2.57%	0.183%
14	8.240	830	834	839	rVB5	41118	61877	3.52%	0.251%
15	8.311	841	846	848	rBV3	37598	57211	3.25%	0.232%
16	8.364	848	855	860	rVB6	70544	167722	9.53%	0.680%
17	8.405	860	862	869	rVB6	28625	47539	2.70%	0.193%
18	8.481	869	875	877	rBV4	25637	45811	2.60%	0.186%
19	8.552	882	887	896	rBV2	349151	670749	38.11%	2.718%
20	8.646	896	903	907	rVB4	64556	166832	9.48%	0.676%
21	8.705	907	913	918	rBV	324069	540040	30.68%	2.188%
22	8.752	918	921	926	rVB5	43568	64865	3.68%	0.263%
23	8.822	926	933	937	rBV5	53383	97403	5.53%	0.395%
24	8.869	937	941	945	rBV2	68269	109741	6.23%	0.445%
25	9.022	961	967	972	rBV2	322432	591584	33.61%	2.397%
26	9.075	972	976	982	rVB	234950	384886	21.87%	1.560%
27	9.133	982	986	988	rBV2	118055	178205	10.12%	0.722%
28	9.175	988	993	999	rVV	712094	1135589	64.51%	4.602%
29	9.239	999	1004	1015	rVB	357205	745670	42.36%	3.022%
30	9.339	1015	1021	1030	rBV	352931	723220	41.09%	2.931%
31	9.421	1031	1035	1036	rBV4	31585	43207	2.45%	0.175%
32	9.510	1045	1050	1054	rBV4	127075	273624	15.54%	1.109%
33	9.709	1077	1084	1088	rBV2	532769	905040	51.42%	3.667%
34	9.762	1088	1093	1098	rBV2	276654	478076	27.16%	1.937%
35	9.844	1103	1107	1111	rVB2	120316	190855	10.84%	0.773%
36	9.921	1116	1120	1122	rBV4	77174	113511	6.45%	0.460%

LSC Area Percent Report

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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.968	1124	1128	1131	rVV2	142223	250775	14.25%	1.016%
38	10.003	1131	1134	1139	rVB3	127743	191266	10.87%	0.775%
39	10.062	1139	1144	1151	rBV7	73317	168882	9.59%	0.684%
40	10.126	1151	1155	1164	rVB4	149844	315339	17.91%	1.278%
41	10.215	1166	1170	1176	rVB5	83080	156192	8.87%	0.633%
42	10.291	1176	1183	1195	rBV2	366048	990082	56.25%	4.012%
43	10.385	1195	1199	1205	rBV7	52930	116008	6.59%	0.470%
44	10.555	1224	1228	1230	rBV2	60393	96968	5.51%	0.393%
45	10.737	1255	1259	1261	rBV4	60369	87110	4.95%	0.353%
46	10.773	1263	1265	1273	rVB8	58540	100246	5.69%	0.406%
47	10.896	1282	1286	1291	rVB	104342	175095	9.95%	0.710%
48	11.037	1301	1310	1315	rVB2	292226	566518	32.18%	2.296%
49	11.102	1315	1321	1327	rBV8	79442	179949	10.22%	0.729%
50	11.384	1365	1369	1373	rVB5	79611	130585	7.42%	0.529%
51	11.560	1394	1399	1400	rBV4	31508	55294	3.14%	0.224%
52	11.589	1400	1404	1410	rVB5	101611	208467	11.84%	0.845%
53	11.725	1421	1427	1434	rBV6	59598	152938	8.69%	0.620%
54	11.901	1453	1457	1460	rBV2	99475	136175	7.74%	0.552%
55	11.936	1460	1463	1467	rVV5	65642	105321	5.98%	0.427%
56	11.989	1467	1472	1477	rVB5	96447	198945	11.30%	0.806%
57	12.042	1477	1481	1483	rBV5	21825	32354	1.84%	0.131%
58	12.077	1483	1487	1495	rVB5	71525	149298	8.48%	0.605%
59	12.177	1497	1504	1507	rBV7	37228	75919	4.31%	0.308%
60	12.377	1536	1538	1546	rVB9	18580	32299	1.83%	0.131%
61	12.629	1577	1581	1588	rVB9	24299	52896	3.01%	0.214%
62	12.770	1597	1605	1614	rVB	764559	1258090	71.47%	5.098%
63	13.246	1681	1686	1693	rVB6	22112	33186	1.89%	0.134%
64	13.340	1695	1702	1711	rVB	831894	1267163	71.99%	5.135%
65	13.552	1733	1738	1743	rVB	68344	108101	6.14%	0.438%
66	13.975	1804	1810	1817	rVB	211684	334772	19.02%	1.357%
67	14.045	1817	1822	1828	rVB5	14848	28670	1.63%	0.116%
68	14.134	1833	1837	1839	rVV2	34516	47672	2.71%	0.193%
69	14.169	1839	1843	1852	rVB2	84693	146177	8.30%	0.592%
70	14.427	1881	1887	1894	rBV2	147165	237638	13.50%	0.963%
71	14.592	1911	1915	1919	rBV	40509	65080	3.70%	0.264%
72	14.721	1932	1937	1943	rBV2	178857	288011	16.36%	1.167%
73	14.786	1943	1948	1952	rVV2	83895	121726	6.92%	0.493%
74	14.827	1952	1955	1960	rVB2	26441	36781	2.09%	0.149%
75	14.968	1975	1979	1987	rBV2	65339	109450	6.22%	0.444%
76	15.032	1987	1990	1993	rVV2	19214	28105	1.60%	0.114%

LSC Area Percent Report

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Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.074	1993	1997	2002	rVV	138986	206850	11.75%	0.838%
78	15.132	2002	2007	2014	rVB2	54227	96242	5.47%	0.390%
79	15.209	2014	2020	2025	rBV8	11642	25668	1.46%	0.104%
80	15.573	2079	2082	2089	rVB5	39747	58315	3.31%	0.236%
81	15.820	2118	2124	2128	rVB6	19900	36585	2.08%	0.148%
82	15.990	2151	2153	2157	rVB2	24149	29529	1.68%	0.120%
83	16.219	2186	2192	2198	rBV	665894	994663	56.51%	4.030%
84	16.766	2281	2285	2291	rBV8	21087	48798	2.77%	0.198%
85	17.124	2341	2346	2353	rBV8	41253	92049	5.23%	0.373%
86	17.324	2375	2380	2382	rBV6	22051	35409	2.01%	0.143%
87	17.483	2401	2407	2411	rVV	222667	339818	19.31%	1.377%
88	17.524	2411	2414	2422	rVB	44152	73570	4.18%	0.298%
89	17.606	2422	2428	2435	rBV	19541	62183	3.53%	0.252%
90	17.682	2437	2441	2448	rBV4	28399	54717	3.11%	0.222%
91	18.370	2554	2558	2562	rBV5	42562	57343	3.26%	0.232%
92	18.799	2626	2631	2636	rBV8	20619	37277	2.12%	0.151%
93	19.897	2814	2818	2823	rVB2	36328	62250	3.54%	0.252%
94	19.997	2832	2835	2838	rBV5	22040	27663	1.57%	0.112%
95	20.097	2846	2852	2857	rVB	1412083	1760249	100.00%	7.133%
96	20.497	2918	2920	2924	rVB4	31157	33413	1.90%	0.135%
97	21.172	3032	3035	3040	rVB5	28832	44627	2.54%	0.181%
98	21.396	3069	3073	3079	rBV6	63688	95415	5.42%	0.387%
99	21.777	3132	3138	3144	rBV2	214934	369661	21.00%	1.498%
100	25.109	3698	3705	3715	rVB3	122709	367134	20.86%	1.488%

Sum of corrected areas: 24678624

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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Misc :
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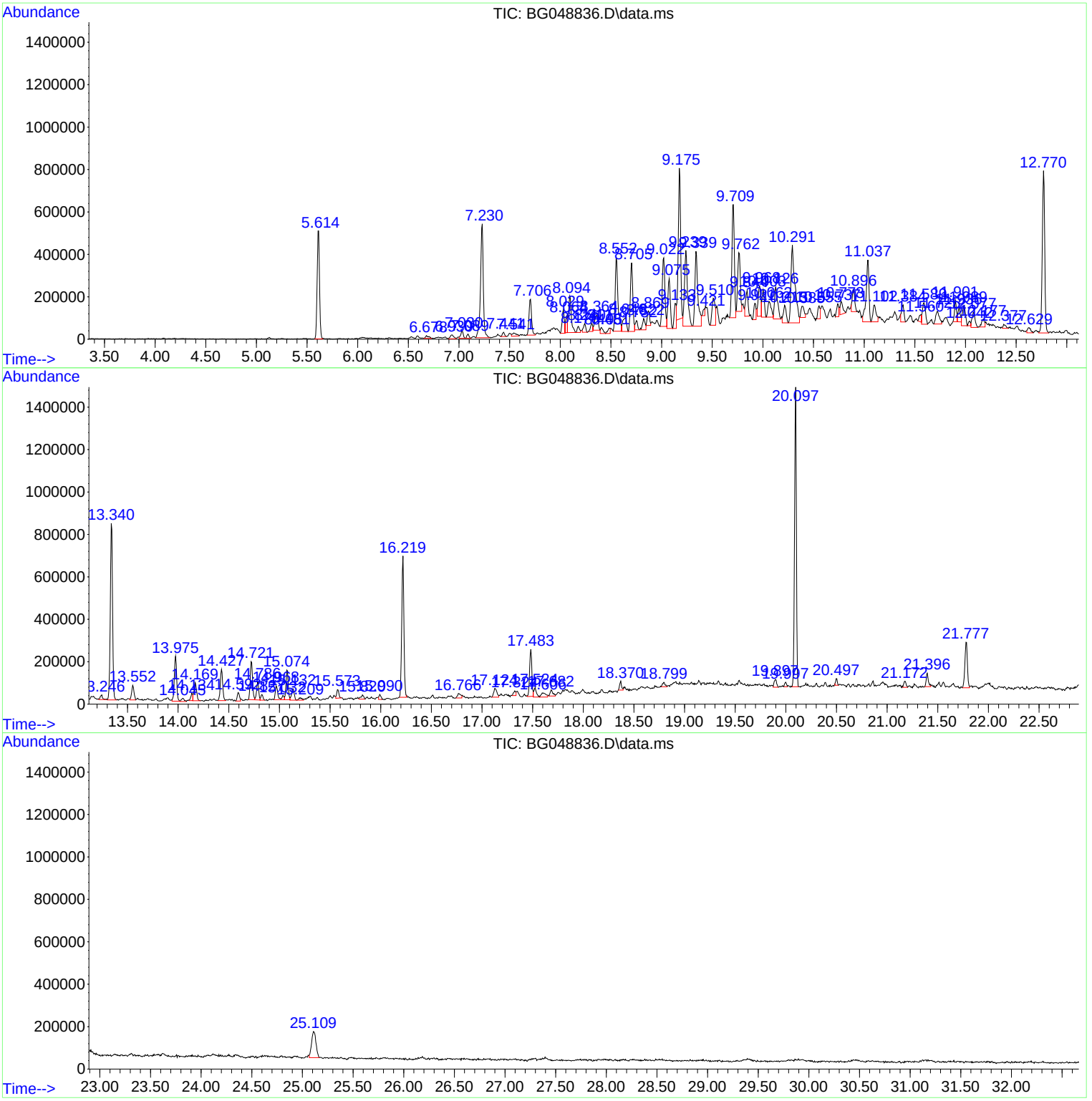
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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\BG042121\
Data File : BG048836.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

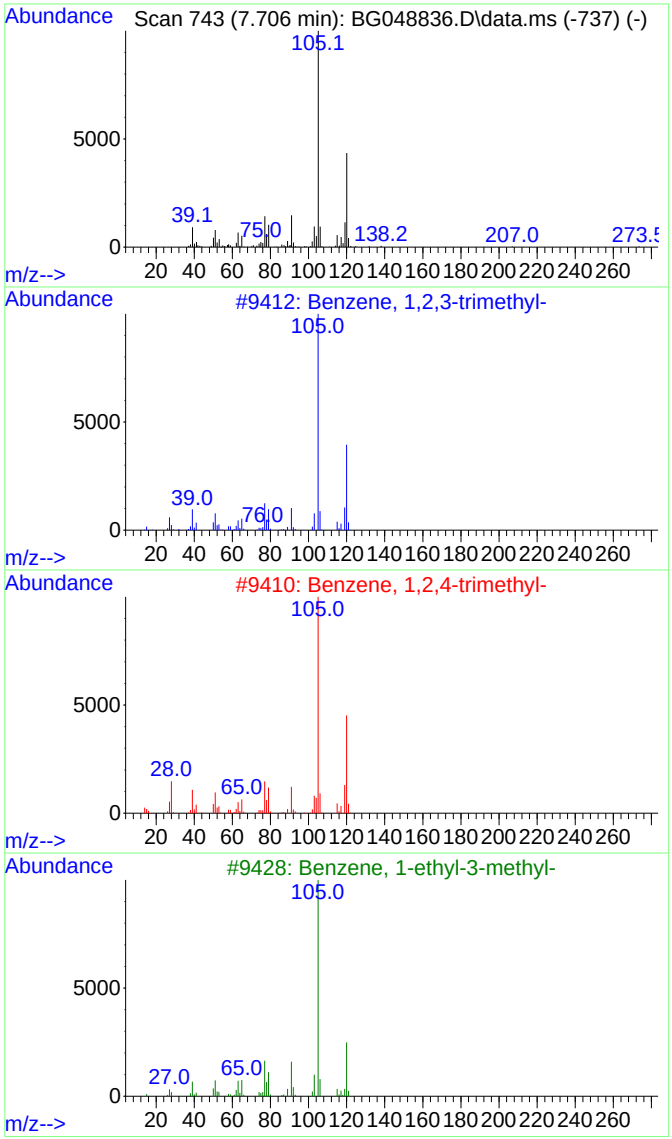
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

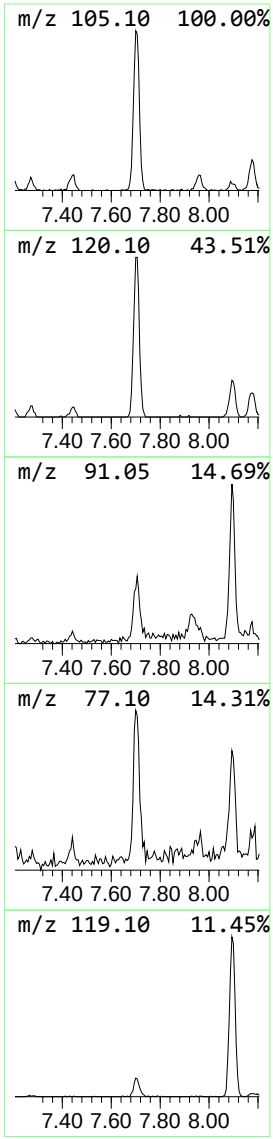
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.706	60.18 ng	299573	1,4-Dichlorobenzene-d4	8.064

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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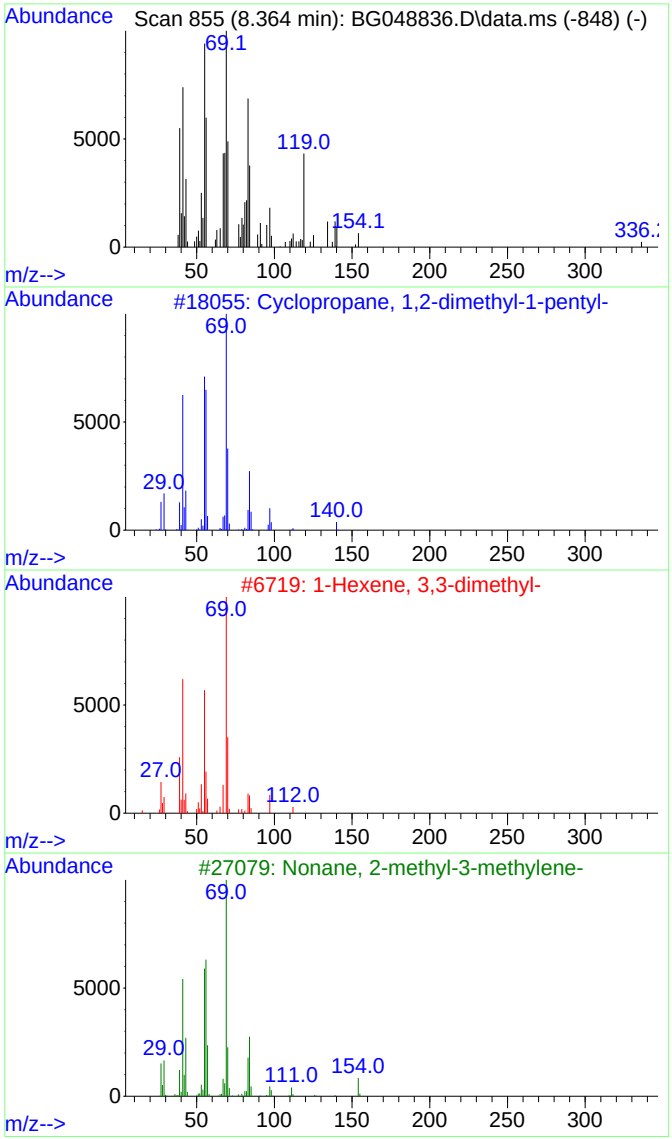
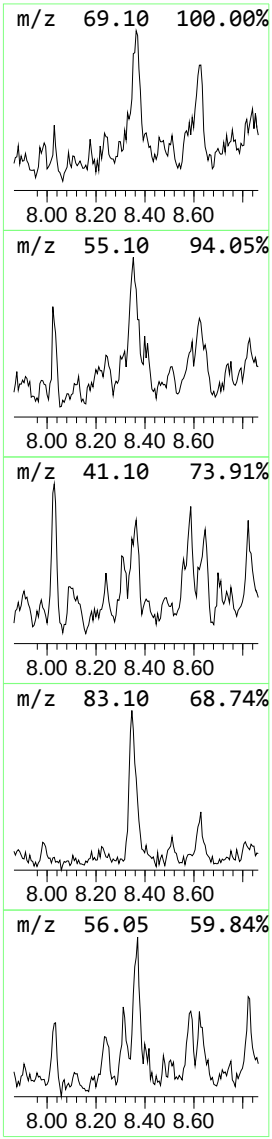
****

Peak Number 2 unknown8.364 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.364	33.69 ng	167722	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
3	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	35
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	35
5	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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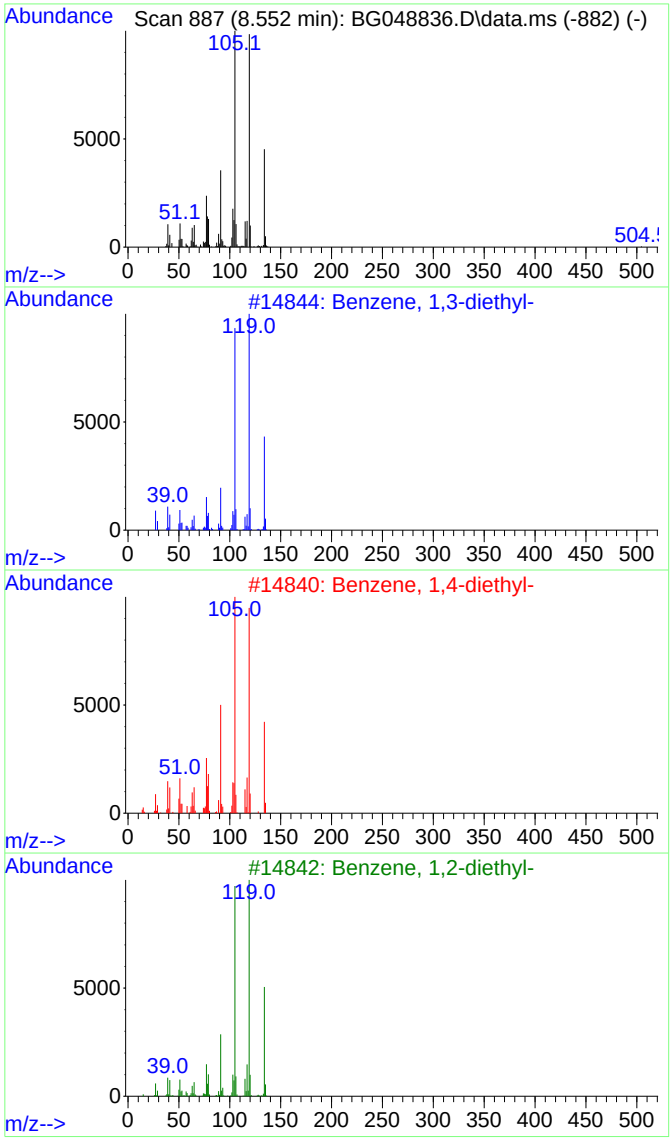
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

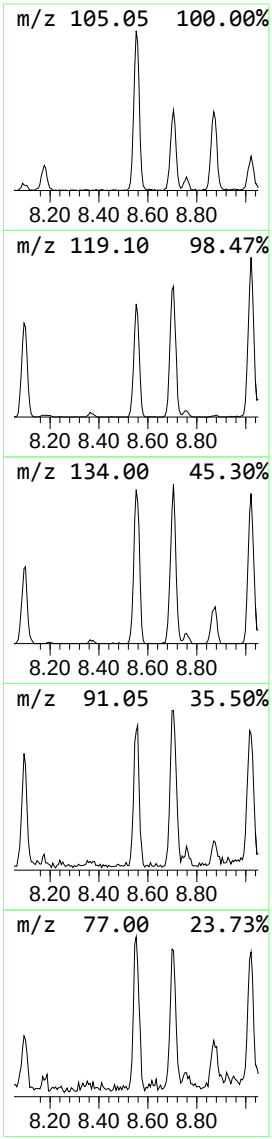
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.552	134.74 ng	670749	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

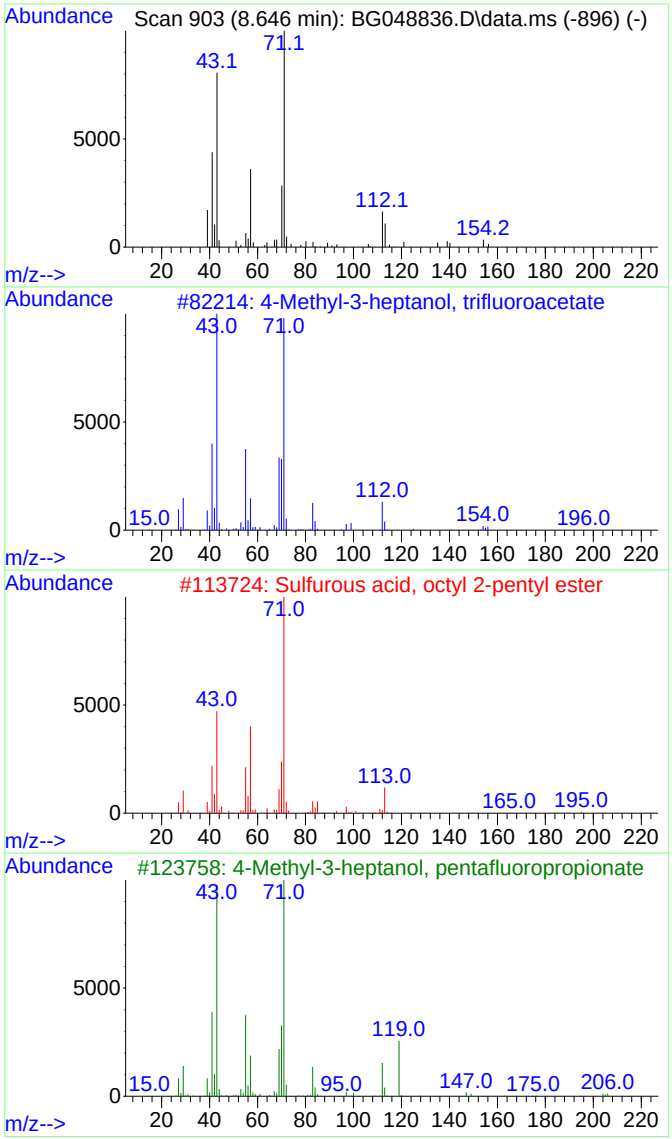
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

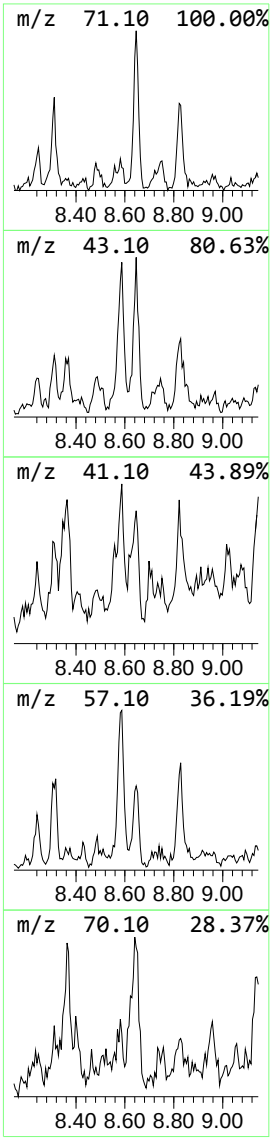
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4-Methyl-3-heptanol, triflu... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.646	33.51 ng	166832	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	78
2	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	64
3	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
4	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	59
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
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Sample : M2042-05
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Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

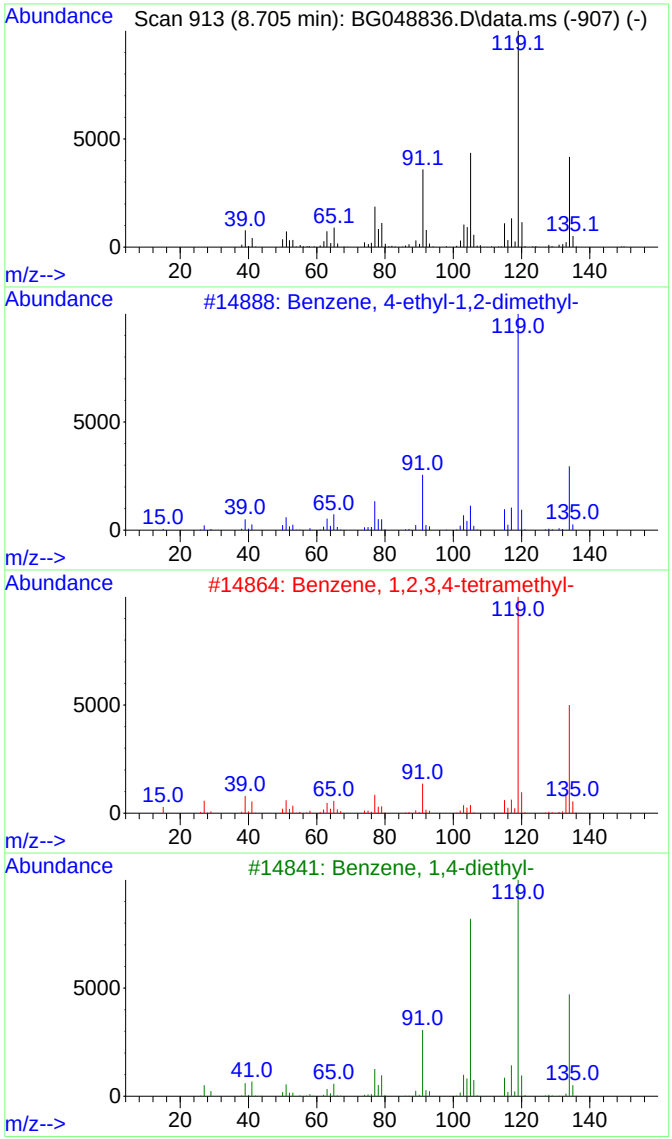
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

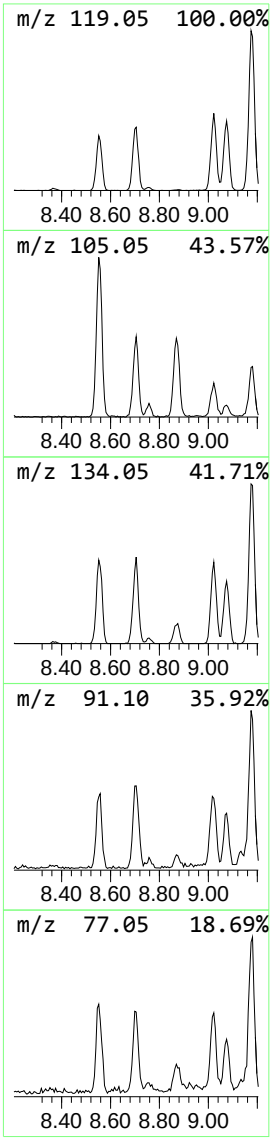
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.705	108.49 ng	540040	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

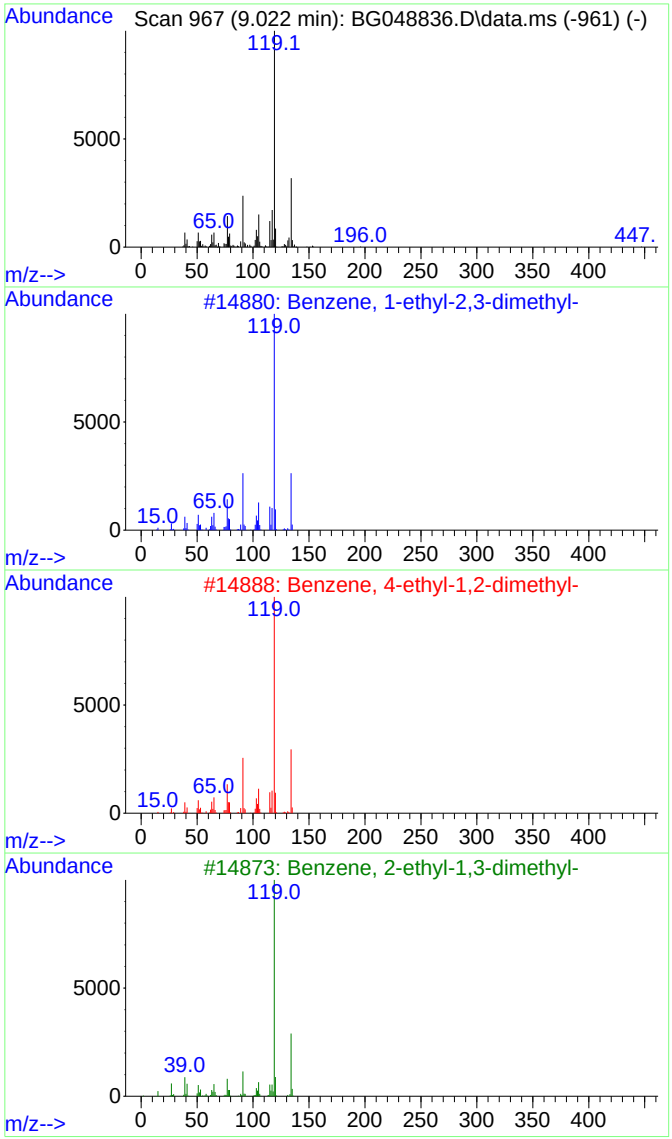
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

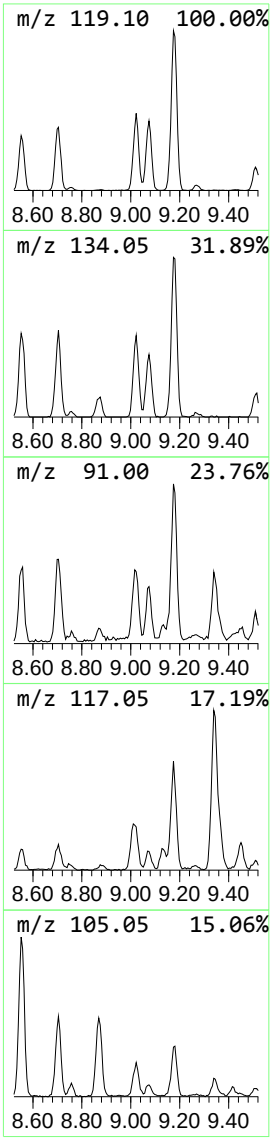
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	118.84 ng	591584	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

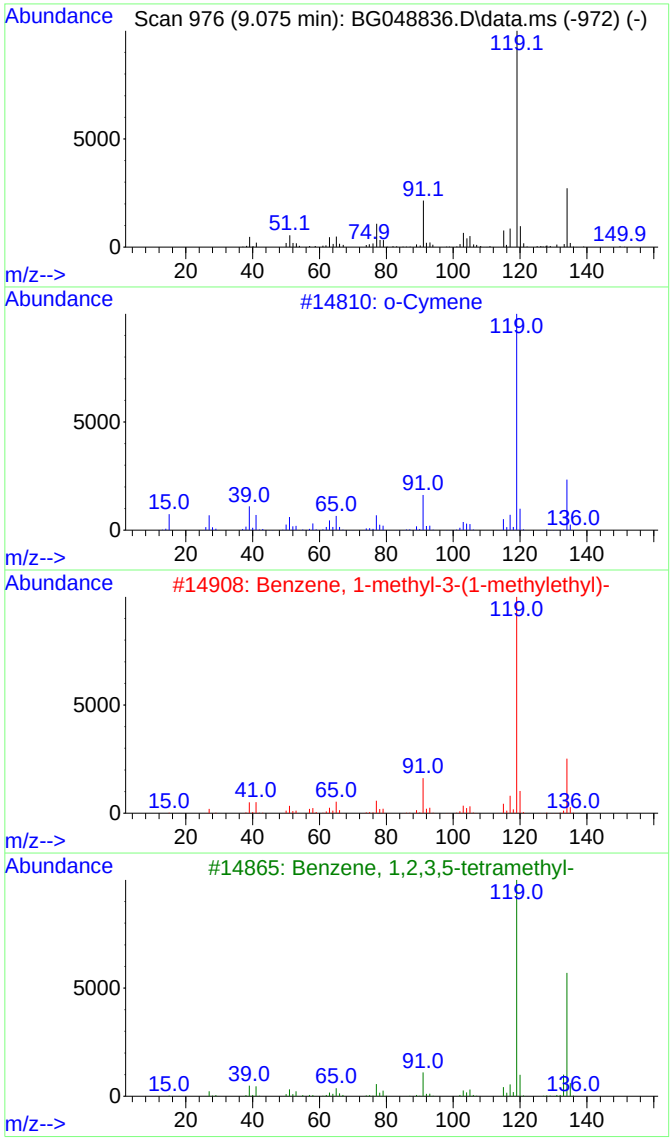
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

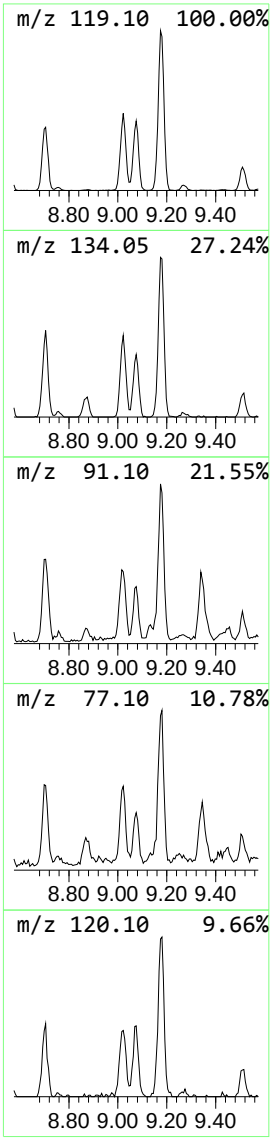
****

Peak Number 7 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	77.32 ng	384886	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

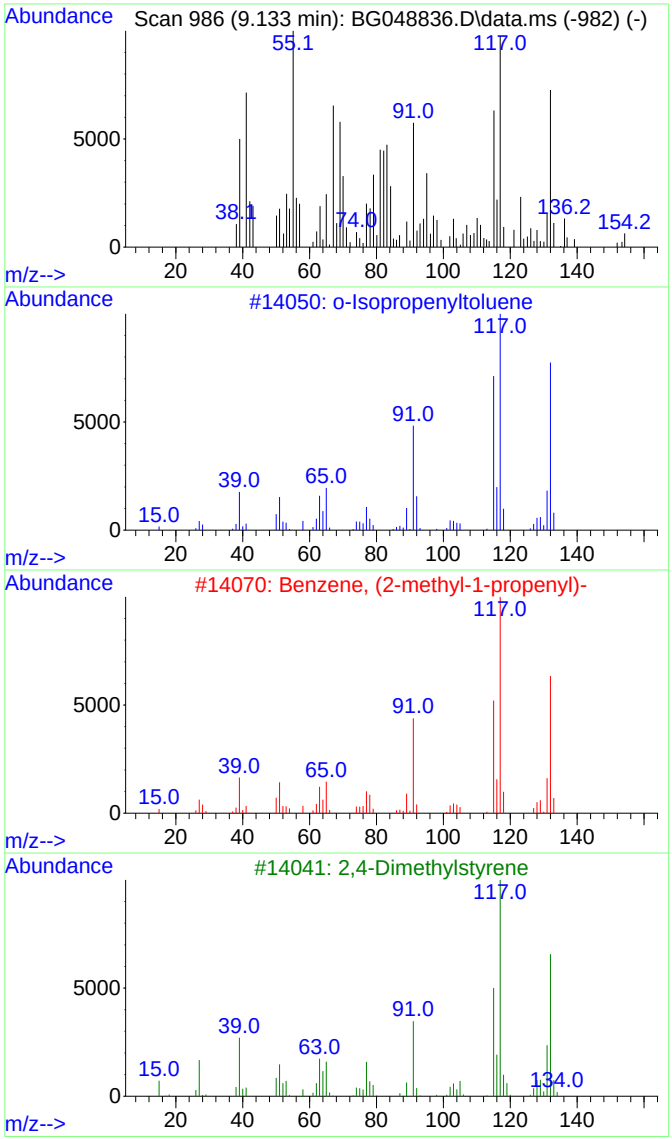
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

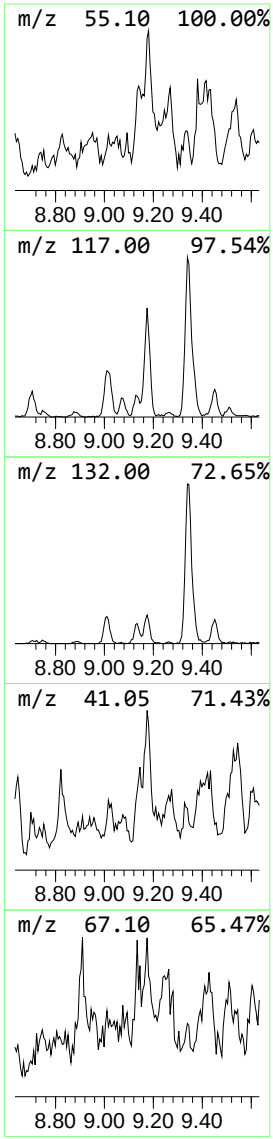
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 o-Isopropenyltoluene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	35.80 ng	178205	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Isopropenyltoluene	132	C10H12	007399-49-7	64
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	64
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	50





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Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

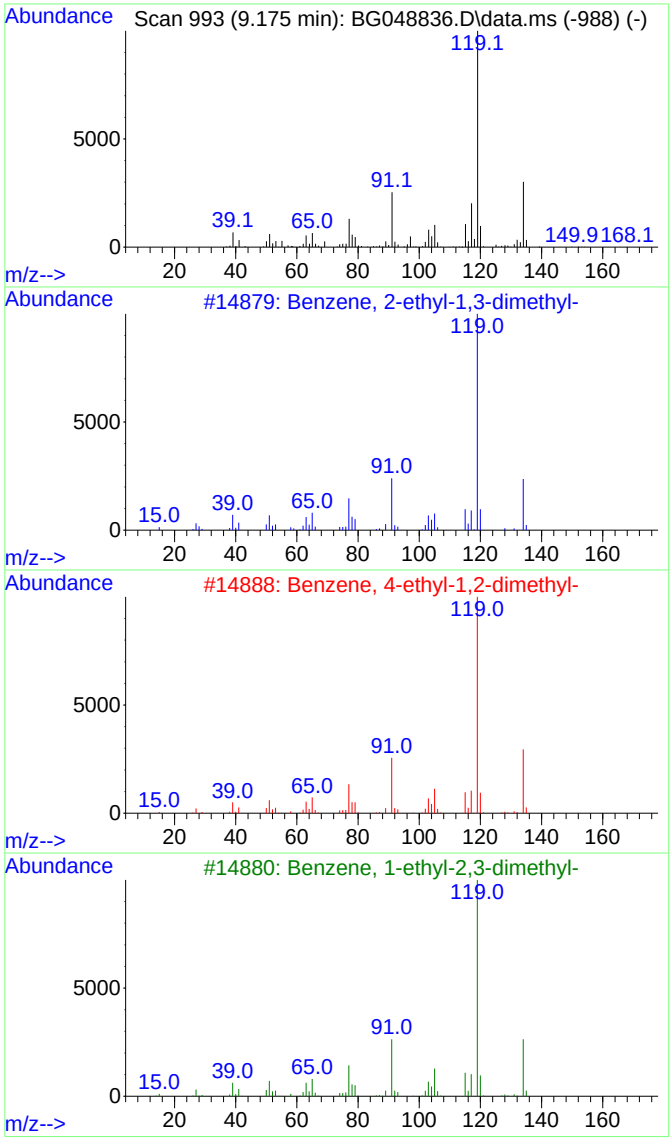
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

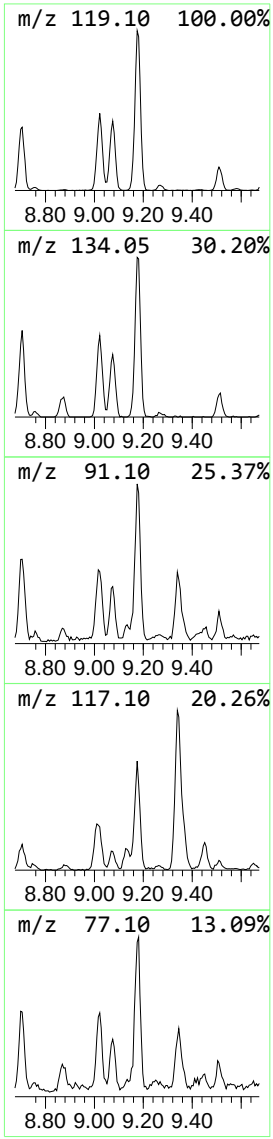
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	228.12 ng	1135590	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	p-Cymene	134	C10H14	000099-87-6	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

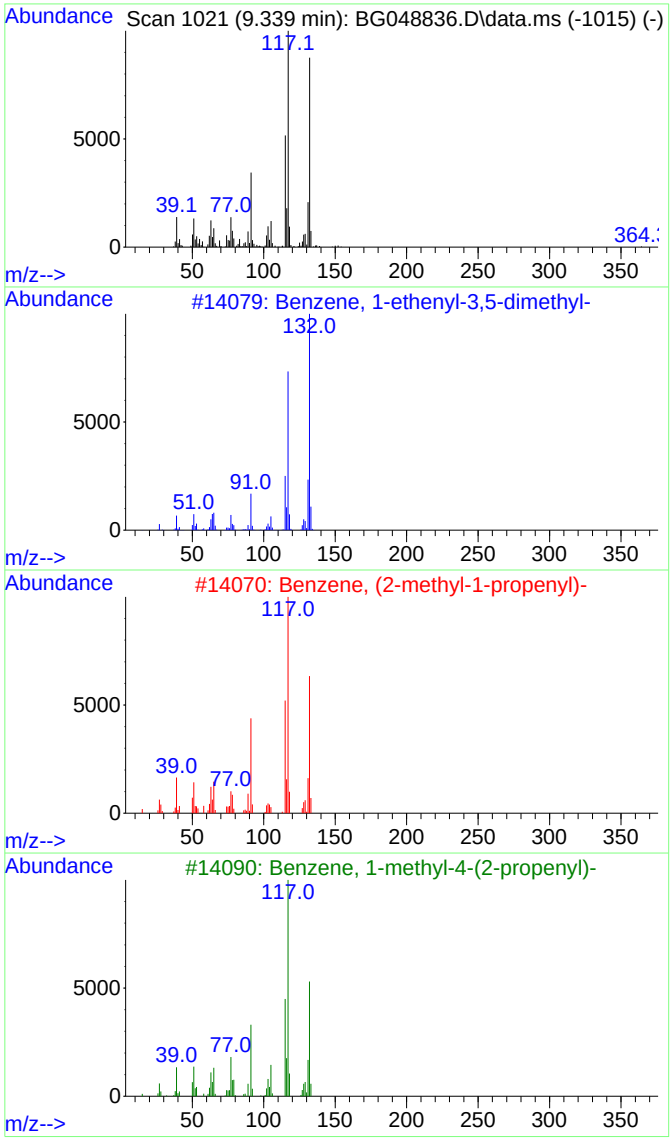
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

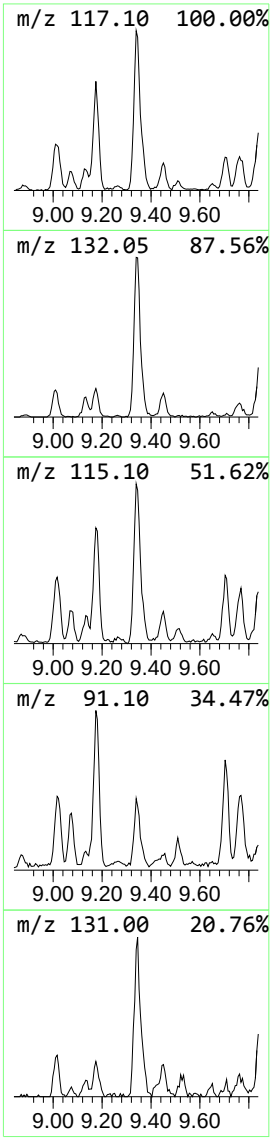
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	145.29 ng	723220	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	97
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5	o-Isopropenyltoluene	132	C10H12	007399-49-7	94





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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

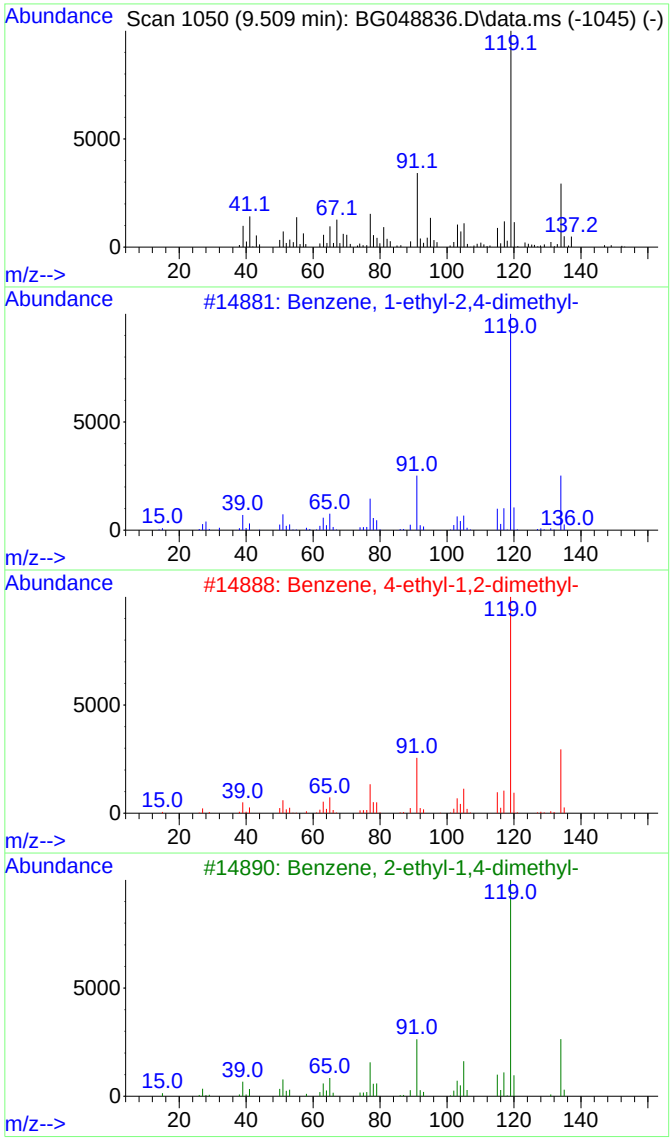
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

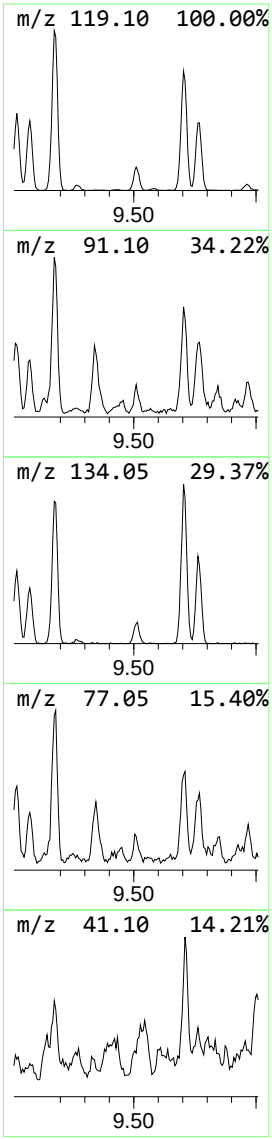
****

Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.509	31.25 ng	273624	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





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Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

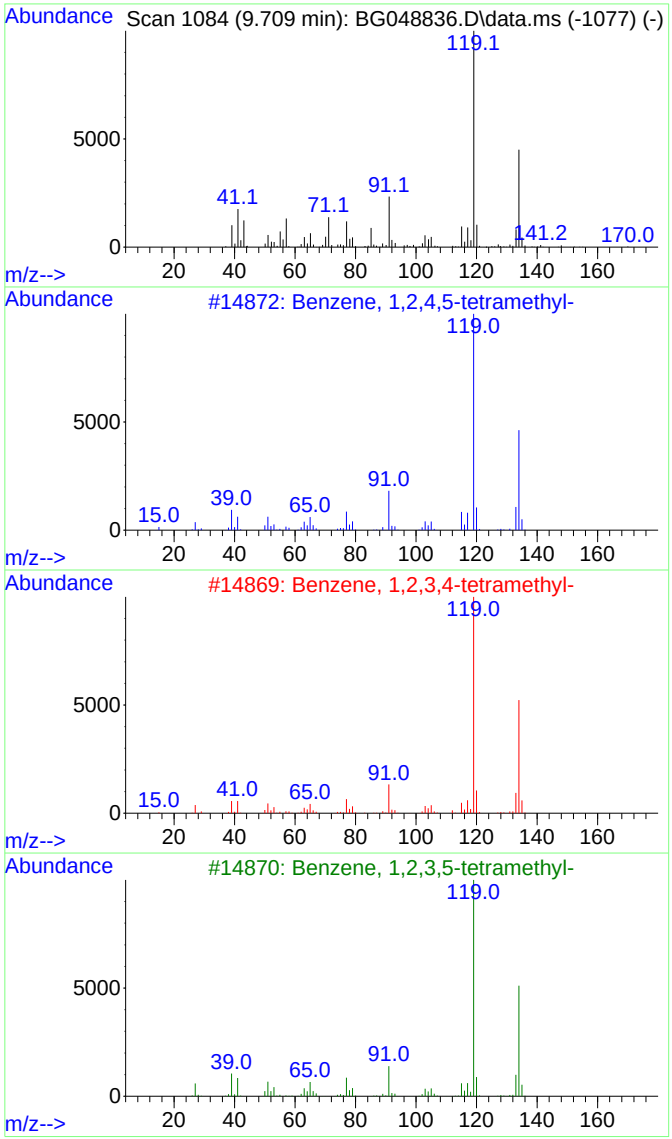
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

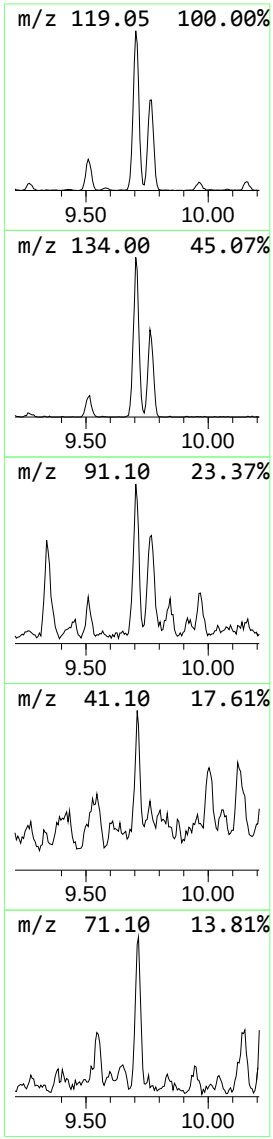
****

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.709	103.38 ng	905040	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

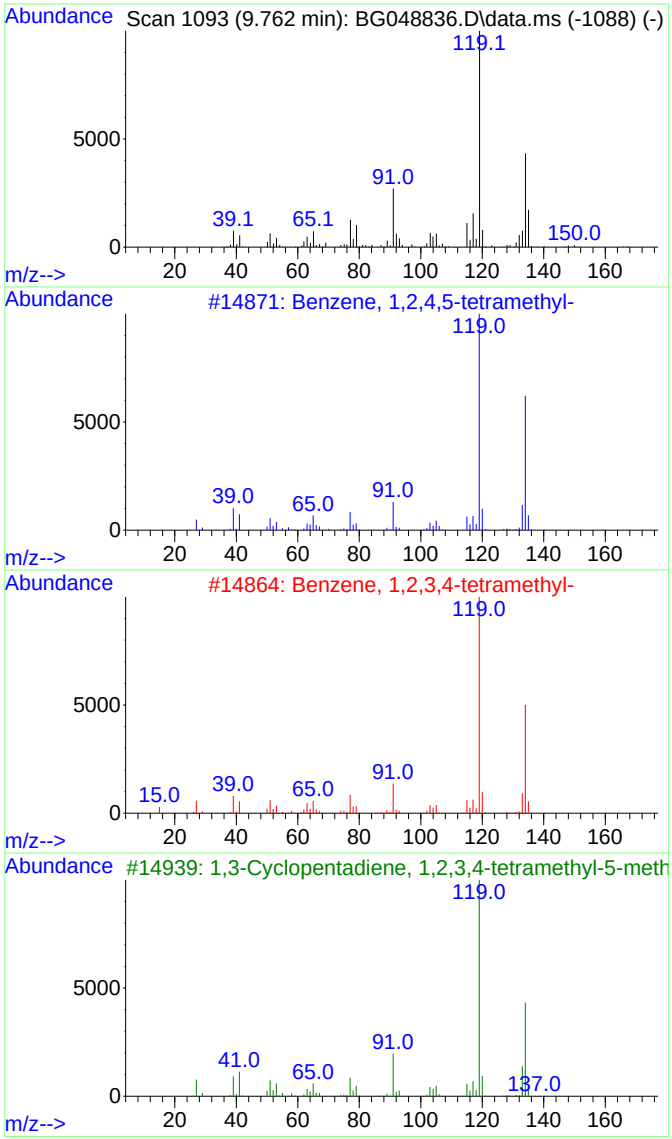
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

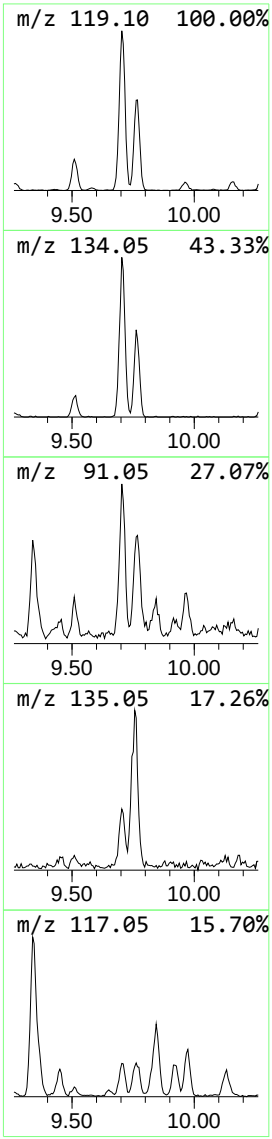
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	54.61 ng	478076	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	86





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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

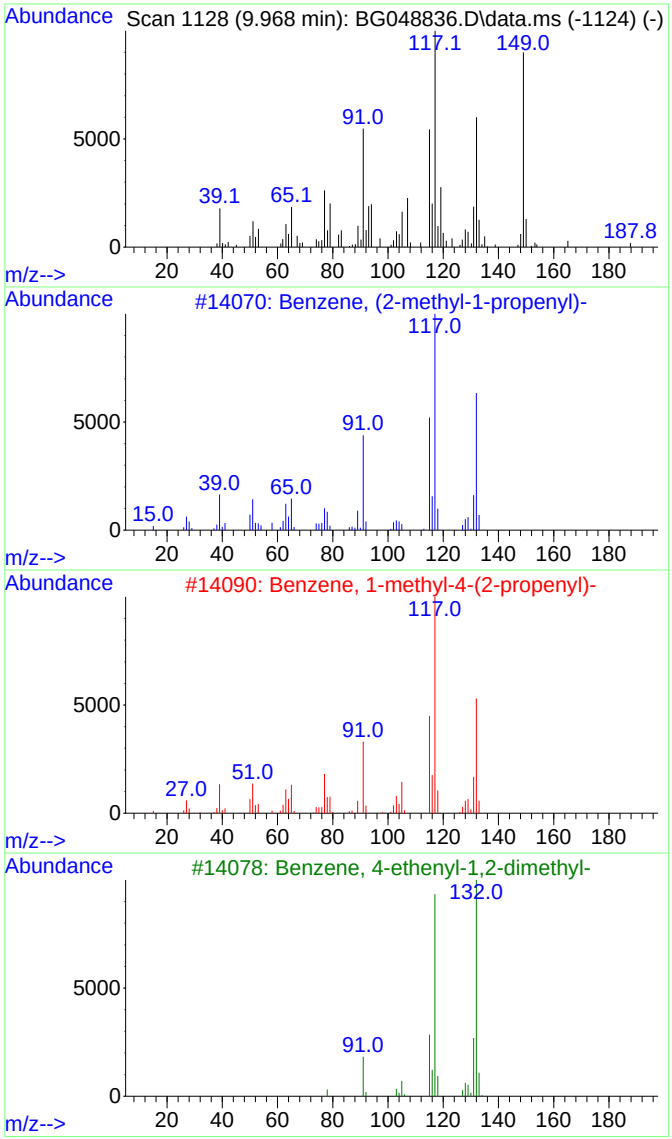
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

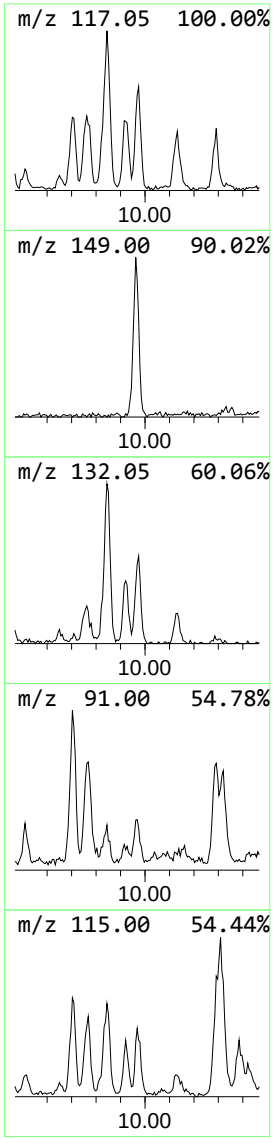
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (2-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.968	28.64 ng	250775	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	91
3	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





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Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.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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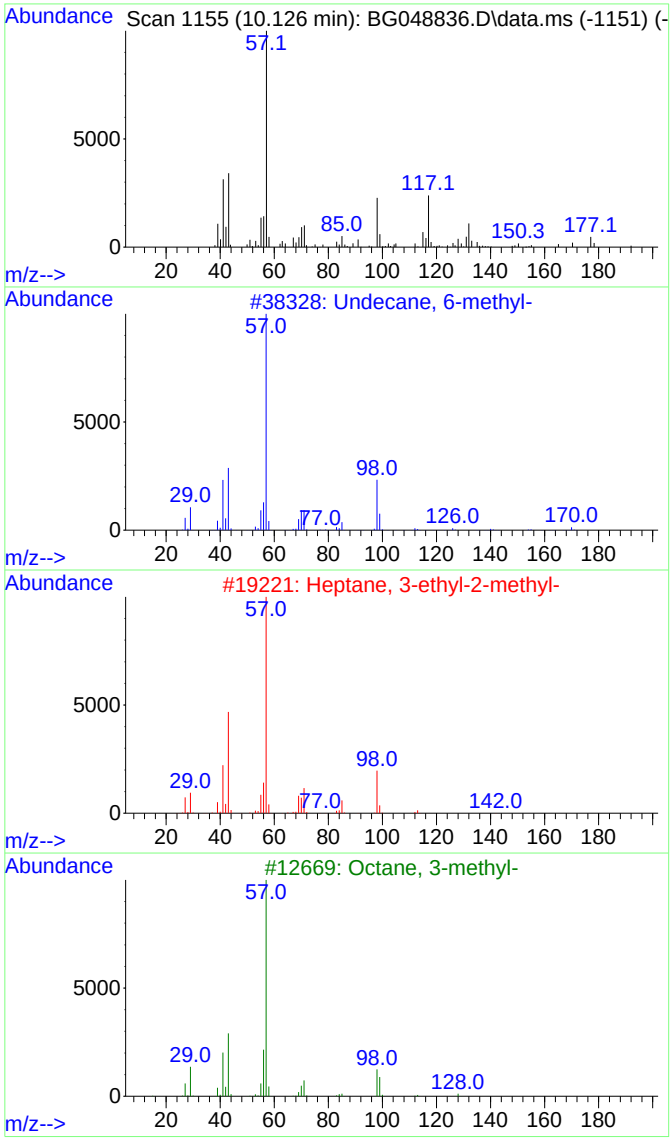
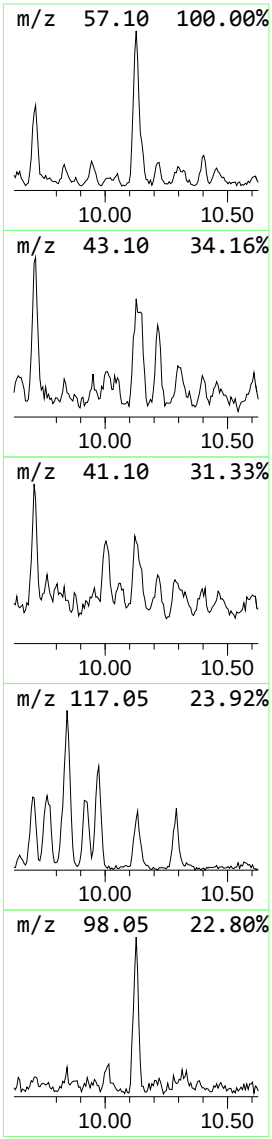
Peak Number 15 unknown10.126 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.126	36.02 ng	315339	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-methyl-	170	C12H26	017302-33-9	46
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35
3	Octane, 3-methyl-	128	C9H20	002216-33-3	35
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	35
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	35





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ClientSampleId :
FS-SB12A(55-56)

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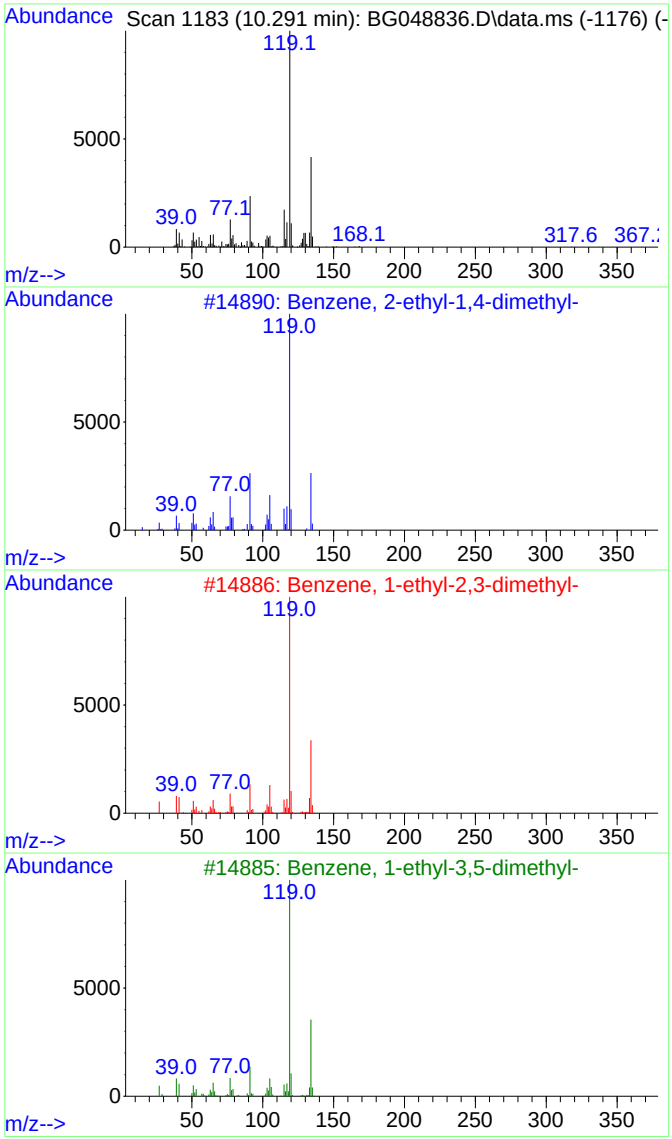
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

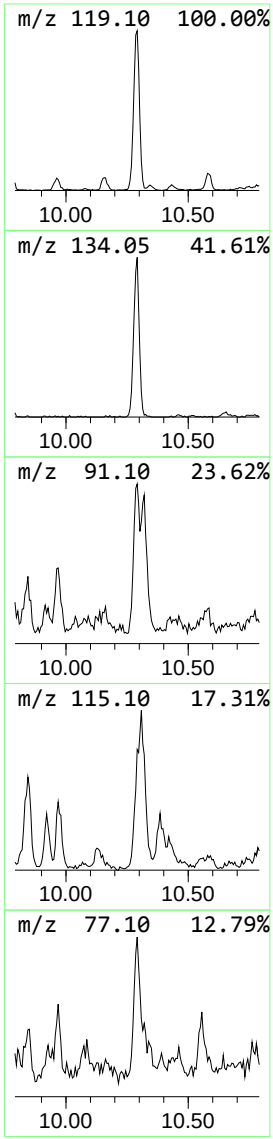
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.291	113.09 ng	990082	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

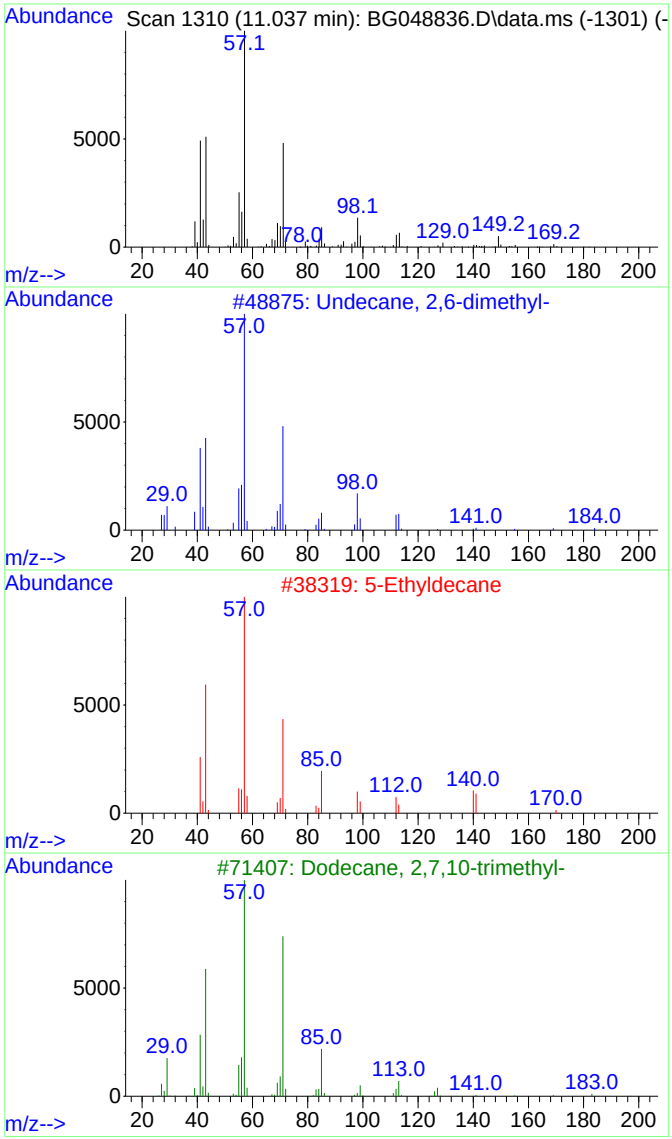
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

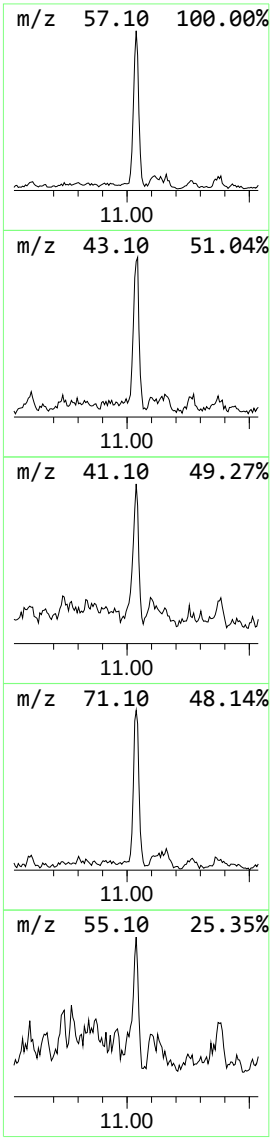
****

Peak Number 17 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	64.71 ng	566518	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	5-Ethyldecane	170	C12H26	017302-36-2	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
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Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

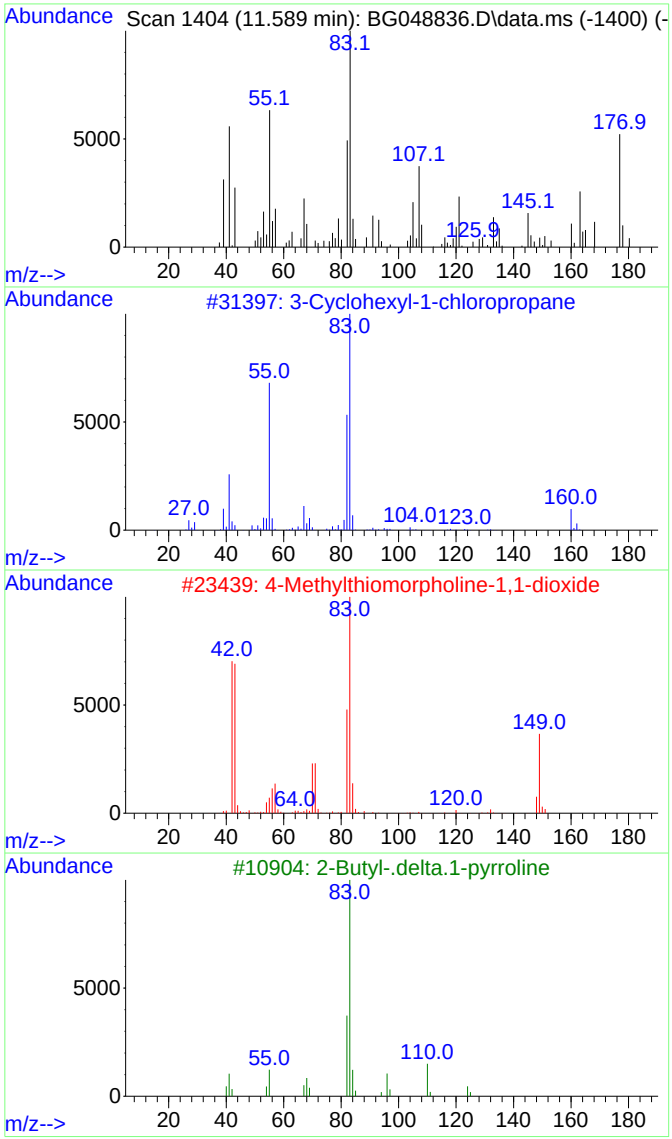
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

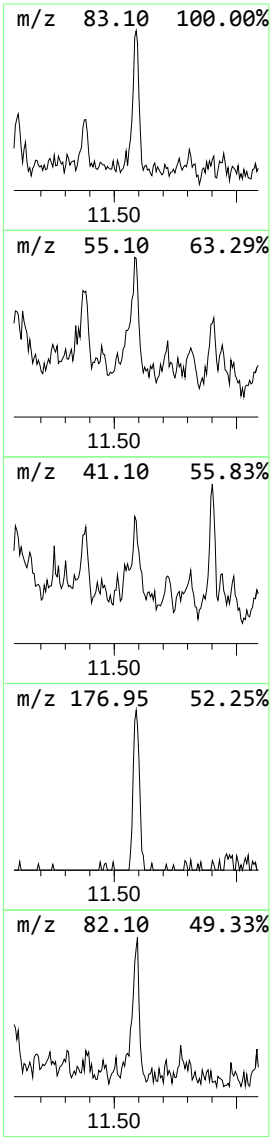
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown11.589 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.589	23.81 ng	208467	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38
2	4-Methylthiomorpholine-1,1-dioxide	149	C5H11NO2S	025343-91-3	35
3	2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	35
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
5	3,4-Dihydro-2H-pyran-2-carboxyli...	128	C6H8O3	1000132-10-4	25





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Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

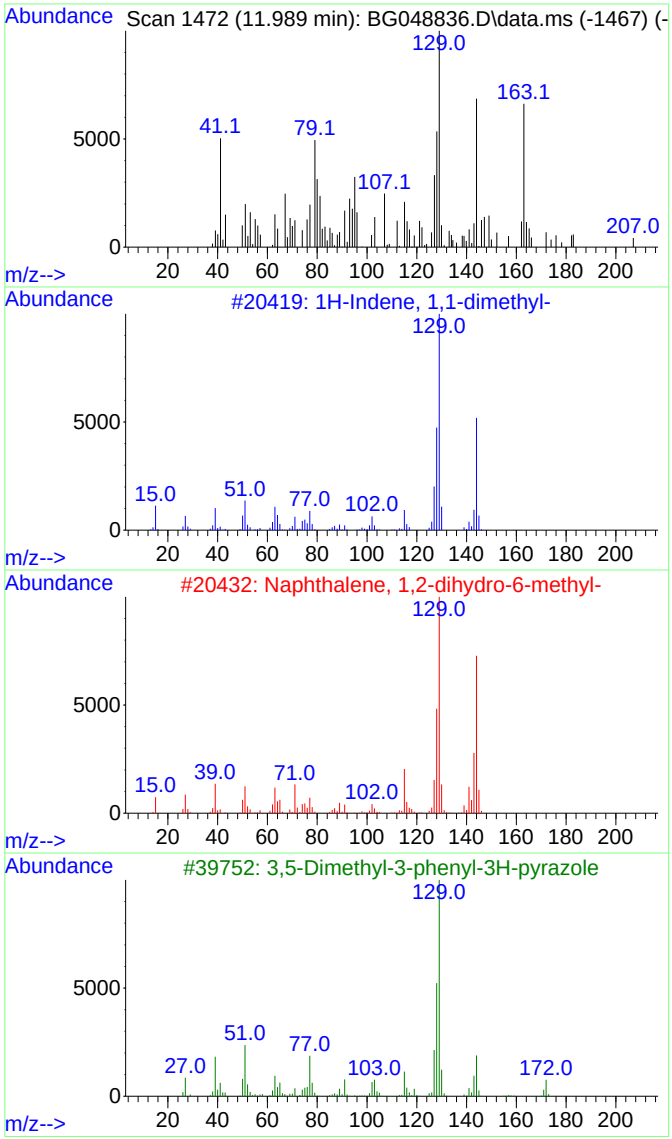
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

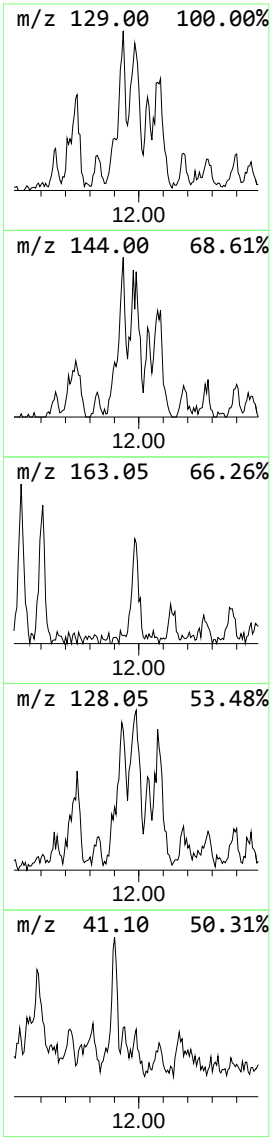
****

Peak Number 19 1H-Indene, 1,1-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.989	22.72 ng	198945	Naphthalene-d8	10.890

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	50
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	50
3	3,5-Dimethyl-3-phenyl-3H-pyrazole	172	C11H12N2	075326-06-6	46
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	45
5	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(55-56)

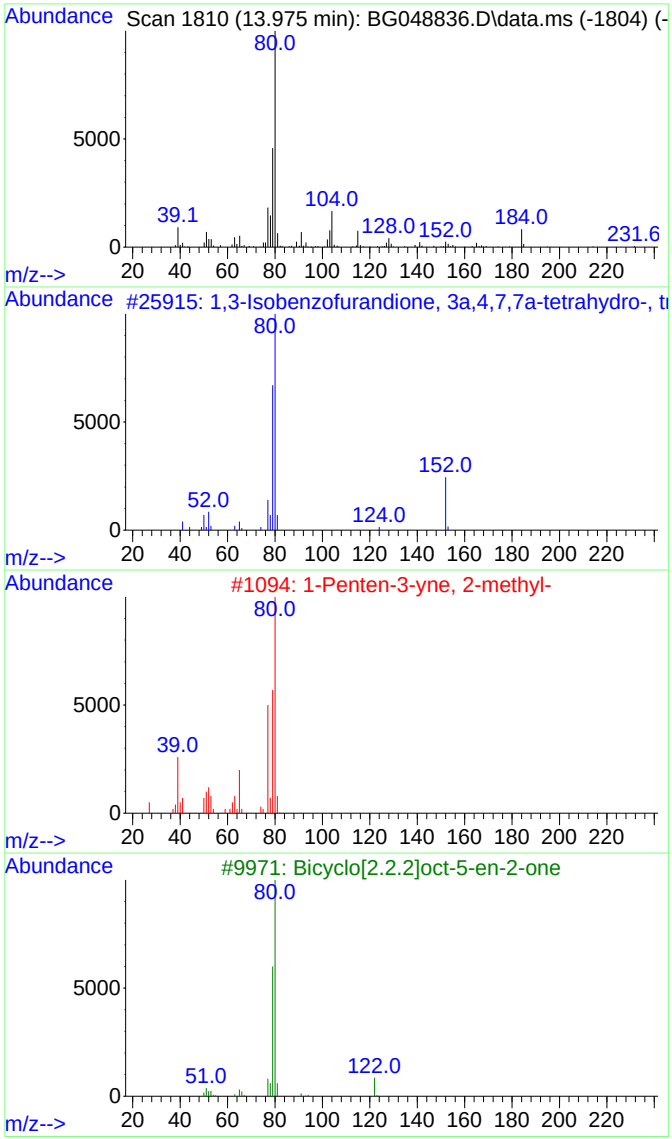
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

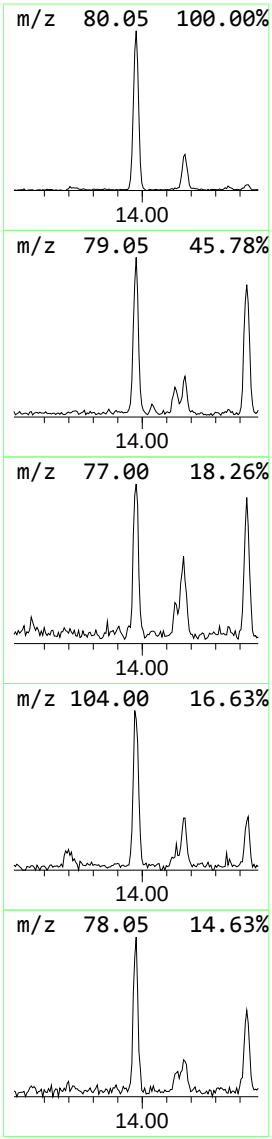
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,3-Isobenzofurandione, 3a,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	23.25 ng	334772	Acenaphthene-d10	14.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 3a,4,7,7...	152	C8H8O3	013149-03-6	86
2	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	80
3	Bicyclo[2.2.2]oct-5-en-2-one	122	C8H10O	002220-40-8	78
4	Bicyclo[2.2.1]hept-2-ene, 2-methyl-	108	C8H12	000694-92-8	78
5	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048836.D
Acq On : 22 Apr 2021 2:10
Operator : CG/JU
Sample : M2042-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FS-SB12A(55-56)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	7.706	60.2	ng	299573	1	8.064	99559	20.0
unknown8.364	8.364	33.7	ng	167722	1	8.064	99559	20.0
Benzene, 1,3-di...	8.552	134.7	ng	670749	1	8.064	99559	20.0
4-Methyl-3-hept...	8.646	33.5	ng	166832	1	8.064	99559	20.0
Benzene, 4-ethy...	8.705	108.5	ng	540040	1	8.064	99559	20.0
Benzene, 1-ethy...	9.022	118.8	ng	591584	1	8.064	99559	20.0
o-Cymene	9.075	77.3	ng	384886	1	8.064	99559	20.0
o-Isopropenylto...	9.133	35.8	ng	178205	1	8.064	99559	20.0
Benzene, 2-ethy...	9.175	228.1	ng	1135590	1	8.064	99559	20.0
Benzene, 1-ethe...	9.339	145.3	ng	723220	1	8.064	99559	20.0
Benzene, 1-ethy...	9.509	31.3	ng	273624	2	10.890	175095	20.0
Benzene, 1,2,4,...	9.709	103.4	ng	905040	2	10.890	175095	20.0
Benzene, 1,2,3,...	9.762	54.6	ng	478076	2	10.890	175095	20.0
Benzene, (2-met...	9.968	28.6	ng	250775	2	10.890	175095	20.0
unknown10.126	10.126	36.0	ng	315339	2	10.890	175095	20.0
Benzene, 2-ethy...	10.291	113.1	ng	990082	2	10.890	175095	20.0
Undecane, 2,6-d...	11.037	64.7	ng	566518	2	10.890	175095	20.0
unknown11.589	11.589	23.8	ng	208467	2	10.890	175095	20.0
1H-Indene, 1,1-...	11.989	22.7	ng	198945	2	10.890	175095	20.0
1,3-Isobenzofur...	13.975	23.3	ng	334772	3	14.721	288011	20.0