LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-09

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_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.440	33	43	45	rBV	433575	592359	1.49%	0.167%
2	3.469	45	48	54	rVB	509579	715591	1.80%	0.201%
3	3.704	81	88	98	rBV	1110969	1719292	4.33%	0.484%
4	3.799	98	104	109	rBV	1606207	2349861	5.91%	0.661%
5	3.852	109	113	122	rVB2	749402	1460183	3.67%	0.411%
6	3.946	122	129	141	rVB	859948	1655279	4.16%	0.466%
7	4.051	141	147	153	rBV	1329279	1828503	4.60%	0.514%
8	4.293	185	188	199	rVB	865659	1336404	3.36%	0.376%
9	4.499	218	223	228	rVB2	381164	607746	1.53%	0.171%
10	4.699	247	257	263	rBV3	235090	541292	1.36%	0.152%
11	4.793	268	273	277	rVV	533821	833522	2.10%	0.235%
12	5.204	338	343	346	rVV3	718909	1202786	3.03%	0.338%
13	5.234	346	348	352	rVV	823130	1009975	2.54%	0.284%
14	5.281	352	356	362	rVV	3431075	4936320	12.42%	1.389%
15	5.363	362	370	374	rVV2	1780429	3788399	9.53%	1.066%
16	5.416	374	379	394	rVB	7029695	14866723	37.41%	4.183%
17	5.534	394	399	402	rBV	316958	501583	1.26%	0.141%
18	5.781	437	441	448	rVB2	1437473	2248092	5.66%	0.633%
19	6.028	476	483	491	rBV2	476016	911839	2.29%	0.257%
20	6.151	497	504	513	rVB2	297568	645241	1.62%	0.182%
21	6.263	513	523	528	rBV2	1168545	2182116	5.49%	0.614%
22	6.316	528	532	537	rBV	377103	512881	1.29%	0.144%
23	6.398	542	546	557	rVB4	323065	688008	1.73%	0.194%
24	6.757	596	607	613	rBV	6170188	9450172	23.78%	2.659%
25	6.816	613	617	620	rVV	650664	861020	2.17%	0.242%
26	6.875	620	627	632	rVV	12704603	20288576	51.05%	5.708%
27	6.934	632	637	641	rVV	8059883	11953288	30.08%	3.363%
28	7.010	641	650	658	rVB2	9555924	16706583	42.04%	4.701%
29	7.169	670	677	683	rVB	5406268	8120095	20.43%	2.285%
30	7.398	711	716	717	rBV	1048983	1297539	3.26%	0.365%
31	7.451	717	725	730	rVB	20162661	39743305	100.00%	11.182%
32	7.645	753	758	761	rBV	587188	914228	2.30%	0.257%
33	7.681	761	764	770	rVV	703608	997965	2.51%	0.281%
34	7.745	770	775	779	rVV	589408	776982	1.96%	0.219%
35	7.792	779	783	784	rVV	447083	522397	1.31%	0.147%
36	7.822	784	788	795	rVB	1079982	1791398	4.51%	0.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

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_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.904	795	802	808	rBV	7325165	11738540	29.54%	3.303%
38	7.992	813	817	825	rVB	403472	699570	1.76%	0.197%
39	8.157	838	845	851	rBV	3704404	5720345	14.39%	1.609%
40	8.275	856	865	869	rBV	2775197	4635046	11.66%	1.304%
41	8.334	870	875	884	rVB	4916701	7867487	19.80%	2.214%
42	8.428	884	891	897	rBV2	9943254	15804997	39.77%	4.447%
43	8.475	897	899	903	rVB	442735	485873	1.22%	0.137%
44	8.534	903	909	913	rBV	337259	480690	1.21%	0.135%
45	8.586	913	918	924	rVB	1754401	2501617	6.29%	0.704%
46	8.739	938	944	948	rBV	3673428	5482805	13.80%	1.543%
47	8.792	948	953	959	rVV	3575869	5211398	13.11%	1.466%
48	8.892	963	970	977	rVV	7006268	11250126	28.31%	3.165%
49	8.975	977	984	998	rVB3	2737422	5774096	14.53%	1.625%
50	9.134	1005	1011	1019	rVB3	788423	1577146	3.97%	0.444%
51	9.222	1019	1026	1031	rVV	1524940	2515483	6.33%	0.708%
52	9.281	1031	1036	1042	rVV6	323562	726399	1.83%	0.204%
53	9.351	1042	1048	1054	rVV2	241503	675360	1.70%	0.190%
54	9.416	1054	1059	1064	rVV	3773332	5806385	14.61%	1.634%
55	9.481	1064	1070	1076	rVV	4897645	7543422	18.98%	2.122%
56	9.675	1092	1103	1107	rBV	927134	1787294	4.50%	0.503%
57	9.722	1107	1111	1116	rVV	903523	1469425	3.70%	0.413%
58	9.792	1117	1123	1127	rVV3	1318137	2442700	6.15%	0.687%
59	9.839	1127	1131	1141	rVV2	2606656	4950653	12.46%	1.393%
60	9.939	1141	1148	1151	rVV2	1007717	1888031	4.75%	0.531%
61	9.992	1151	1157	1163	rVV3	4545486	8958199	22.54%	2.520%
62	10.051	1163	1167	1172	rVV2	1499576	2654122	6.68%	0.747%
63	10.104	1172	1176	1179	rVV3	377690	683600	1.72%	0.192%
64	10.145	1179	1183	1185	rVV	664426	1160974	2.92%	0.327%
65	10.169	1185	1187	1192	rVV2	863961	1191847	3.00%	0.335%
66	10.222	1192	1196	1201	rVV2	316151	545529	1.37%	0.153%
67	10.292	1202	1208	1215	rVB	1102605	1818754	4.58%	0.512%
68	10.475	1226	1239	1242	rBV2	293245	783871	1.97%	0.221%
69	10.551	1247	1252	1262	rVV4	1484950	5060178	12.73%	1.424%
70	10.657	1262	1270	1275	rVV2	6545987	13022723	32.77%	3.664%
71	10.704	1275	1278	1281	rVV	731986	1136557	2.86%	0.320%
72	10.733	1281	1283	1287	rVV	384215	536795	1.35%	0.151%
73	10.804	1291	1295	1301	rVV	788868	1169577	2.94%	0.329%
74	10.963	1313	1322	1325	rBV4	199677	442796	1.11%	0.125%
75	11.004	1325	1329	1335	rVV2	300279	606887	1.53%	0.171%
76	11.204	1358	1363	1367	rBV2	216568	466913	1.17%	0.131%

LSC Area Percent Report

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Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.251	1367	1371	1375	rVV	626233	1054646	2.65%	0.297%
78	11.433	1395	1402	1408	rVB5	255495	627812	1.58%	0.177%
79	11.510	1408	1415	1421	rBV	956929	1809994	4.55%	0.509%
80	11.704	1442	1448	1453	rVB	545293	930949	2.34%	0.262%
81	11.786	1458	1462	1470	rBV4	278321	690012	1.74%	0.194%
82	11.922	1481	1485	1491	rVB	335729	547120	1.38%	0.154%
83	12.010	1491	1500	1505	rBV2	919580	1902266	4.79%	0.535%
84	12.269	1538	1544	1551	rVB	4675324	7135684	17.95%	2.008%
85	12.486	1571	1581	1590	rBV	2176885	3631049	9.14%	1.022%
86	13.074	1675	1681	1691	rVB	2473937	3555884	8.95%	1.000%
87	13.257	1707	1712	1715	rBV	345667	503935	1.27%	0.142%
88	13.610	1767	1772	1774	rBV	352939	520379	1.31%	0.146%
89	13.774	1793	1800	1805	rBV	486900	875984	2.20%	0.246%
90	13.827	1805	1809	1817	rVB	330980	539554	1.36%	0.152%
91	14.457	1901	1916	1921	rBV	1083002	1705822	4.29%	0.480%
92	15.957	2165	2171	2178	rBV	2471459	3355083	8.44%	0.944%
93	17.215	2379	2385	2390	rBV	1426695	1974294	4.97%	0.555%
94	18.115	2531	2538	2551	rBV2	798321	1284241	3.23%	0.361%
95	19.333	2740	2745	2751	rVB	1803342	2066968	5.20%	0.582%
96	19.398	2752	2756	2768	rVV	292497	422184	1.06%	0.119%
97	19.856	2828	2834	2839	rBV	4878284	5992589	15.08%	1.686%
98	21.121	3045	3049	3057	rBV	349894	461204	1.16%	0.130%
99	21.421	3095	3100	3105	rBV	1697998	2103214	5.29%	0.592%
100	23.791	3496	3503	3512	rVB	975259	1896829	4.77%	0.534%

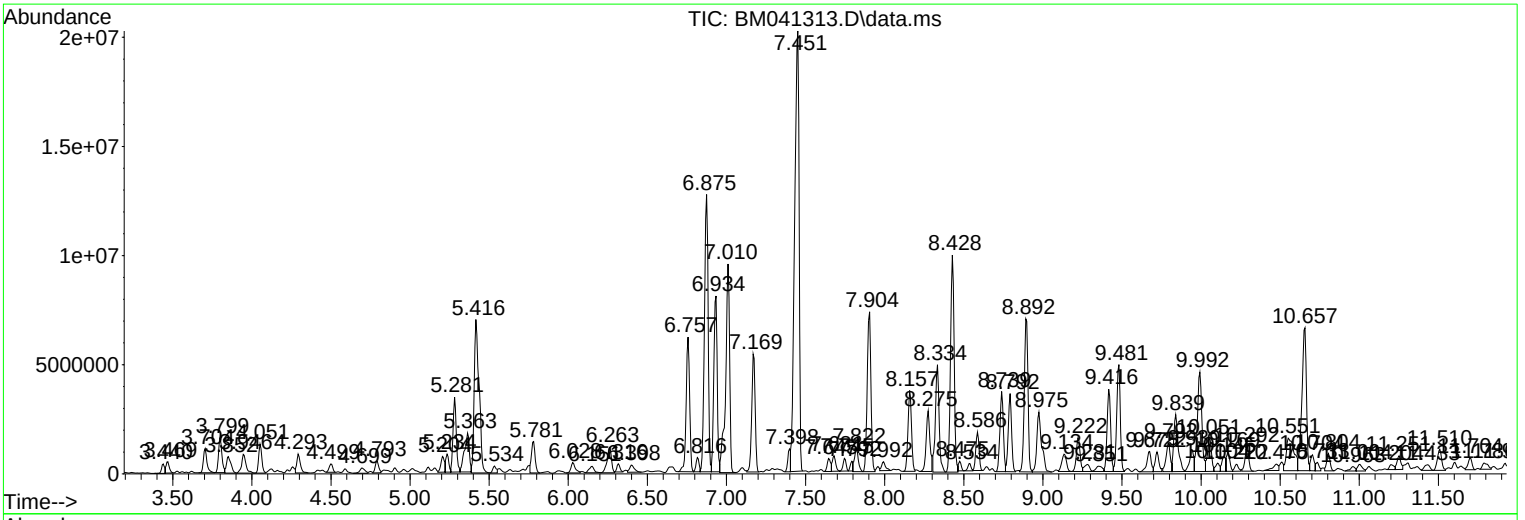
Sum of corrected areas: 355419449

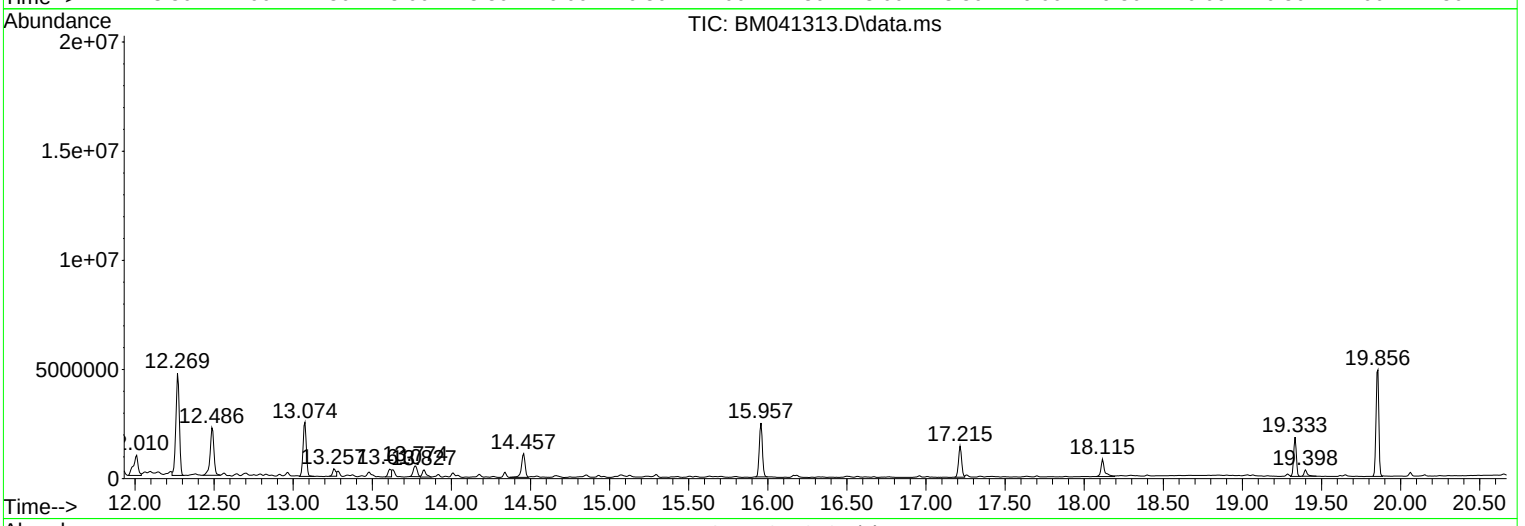
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

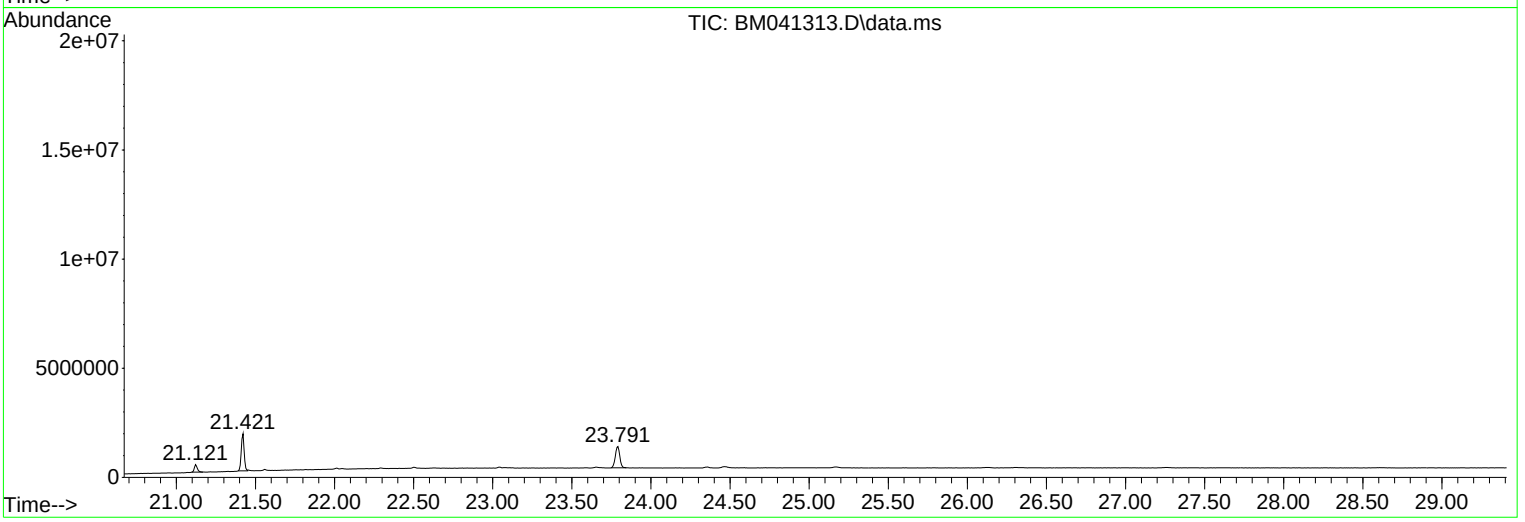
Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

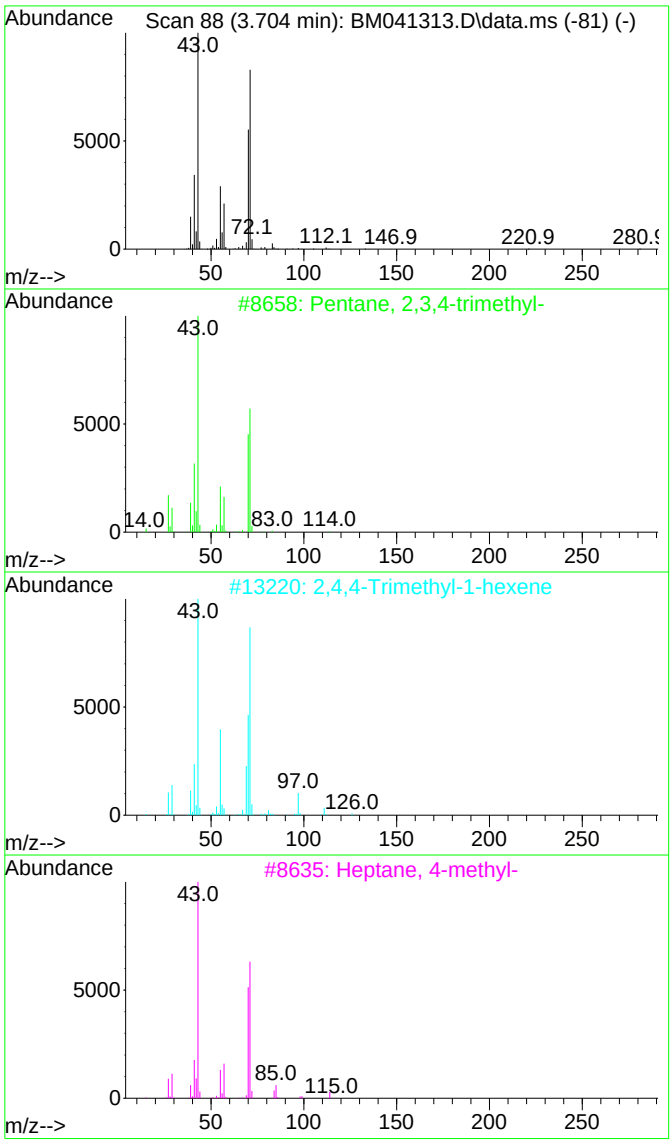
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

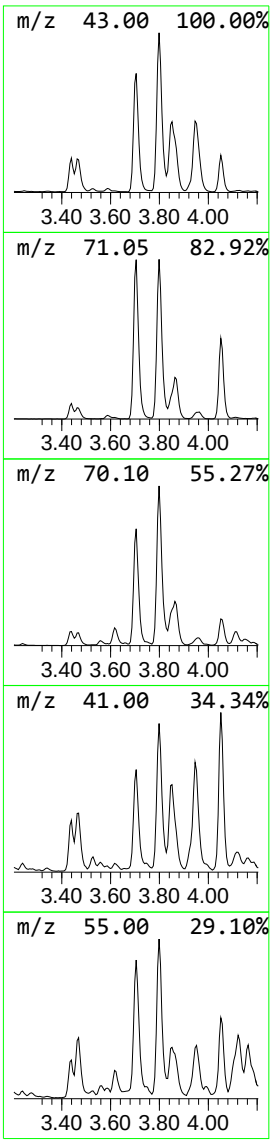
****

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.704	65.82 ng	1719290	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
2	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	74
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	74
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

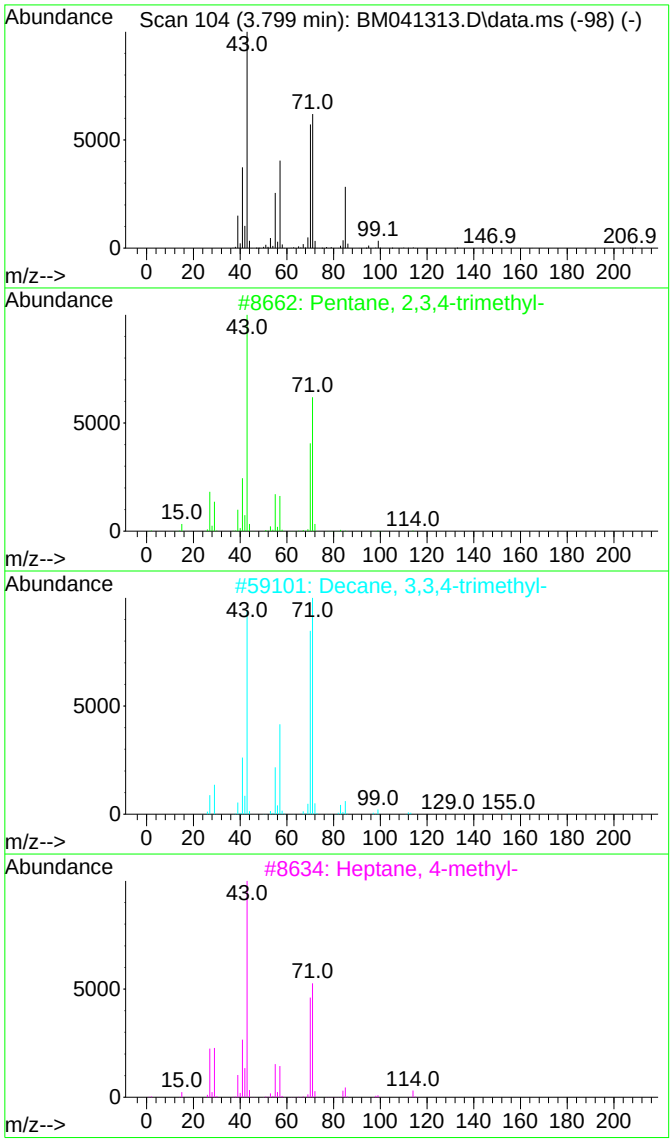
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

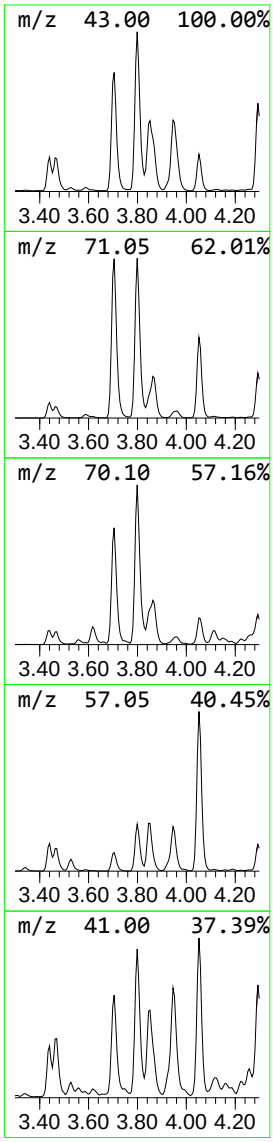
****

Peak Number 2 Decane, 3,3,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.799	89.96 ng	2349860	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

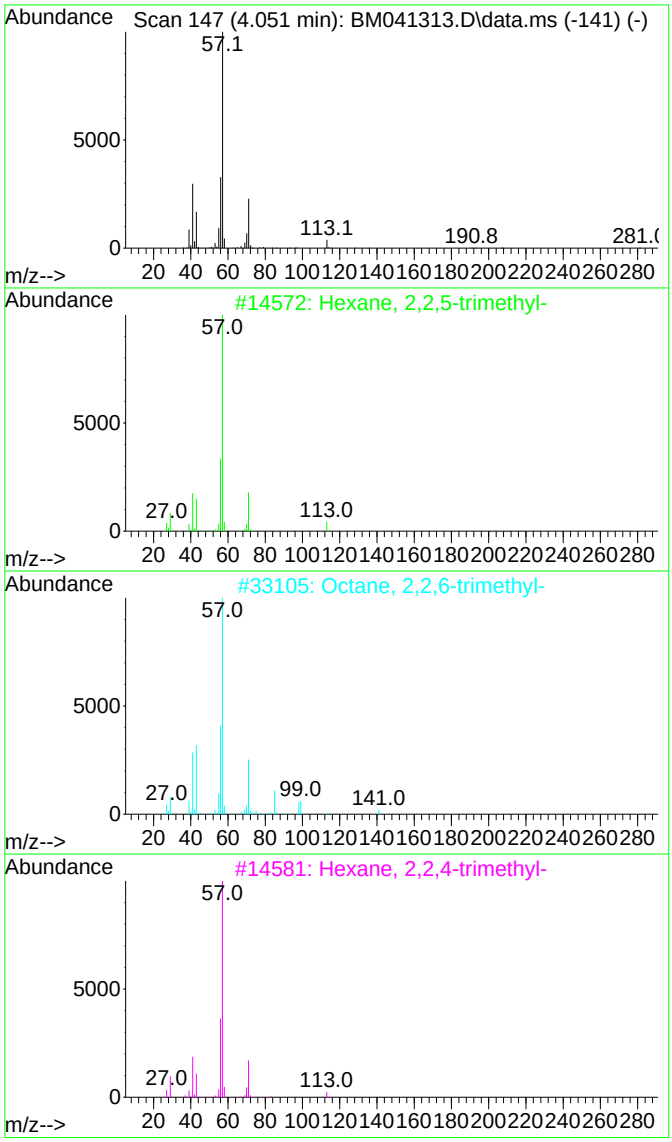
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

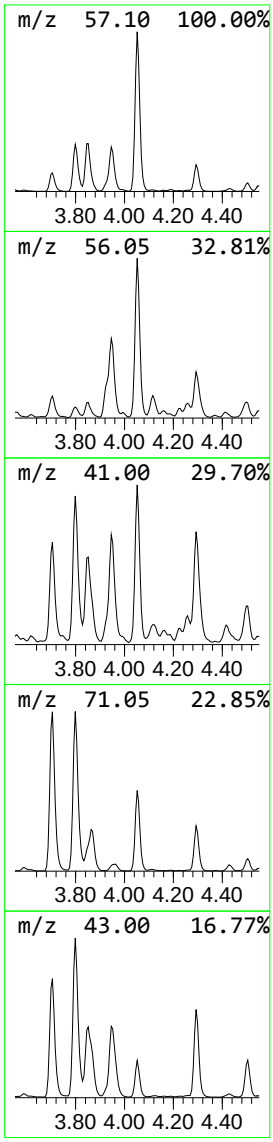
****

Peak Number 3 Hexane, 2,2,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.051	70.00 ng	1828500	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	74
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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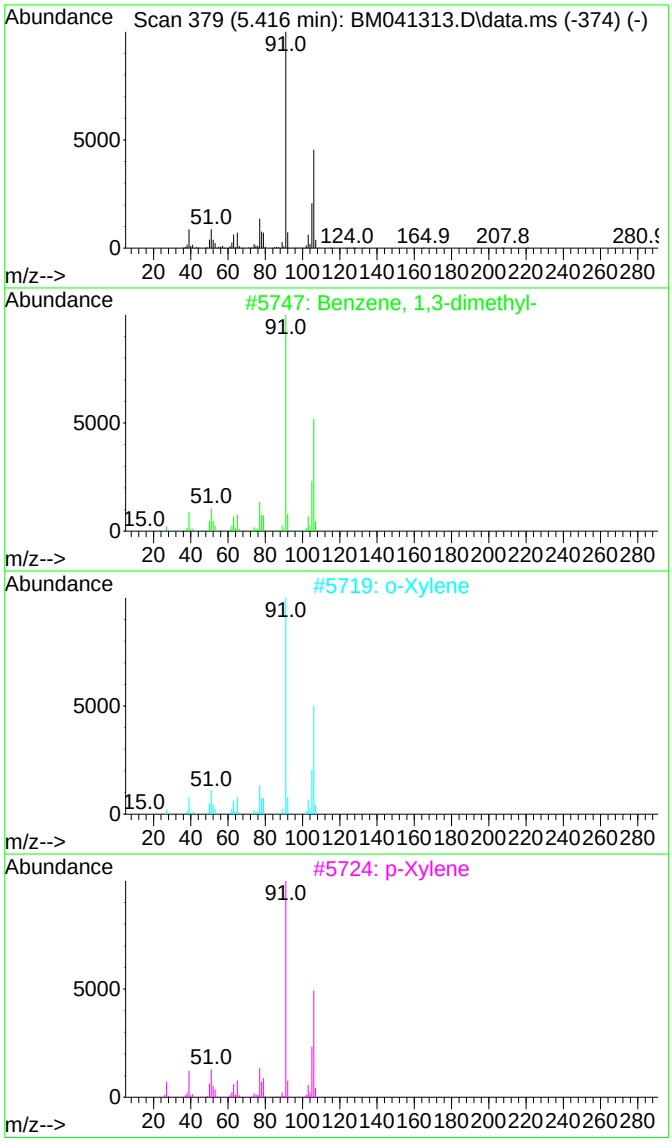
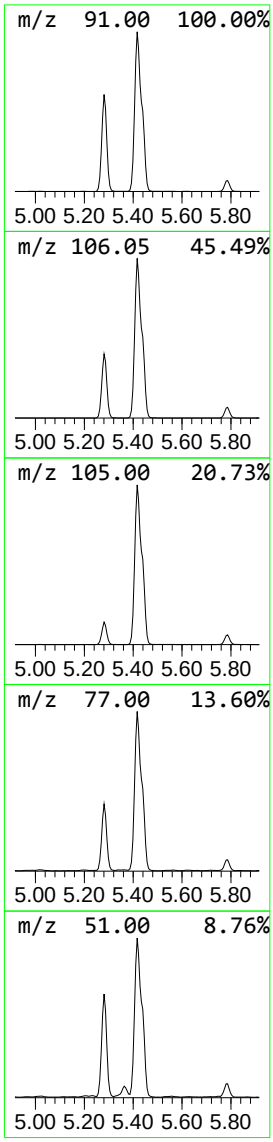
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.416	569.17 ng	14866700	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	86
5	Ethylbenzene	106	C8H10	000100-41-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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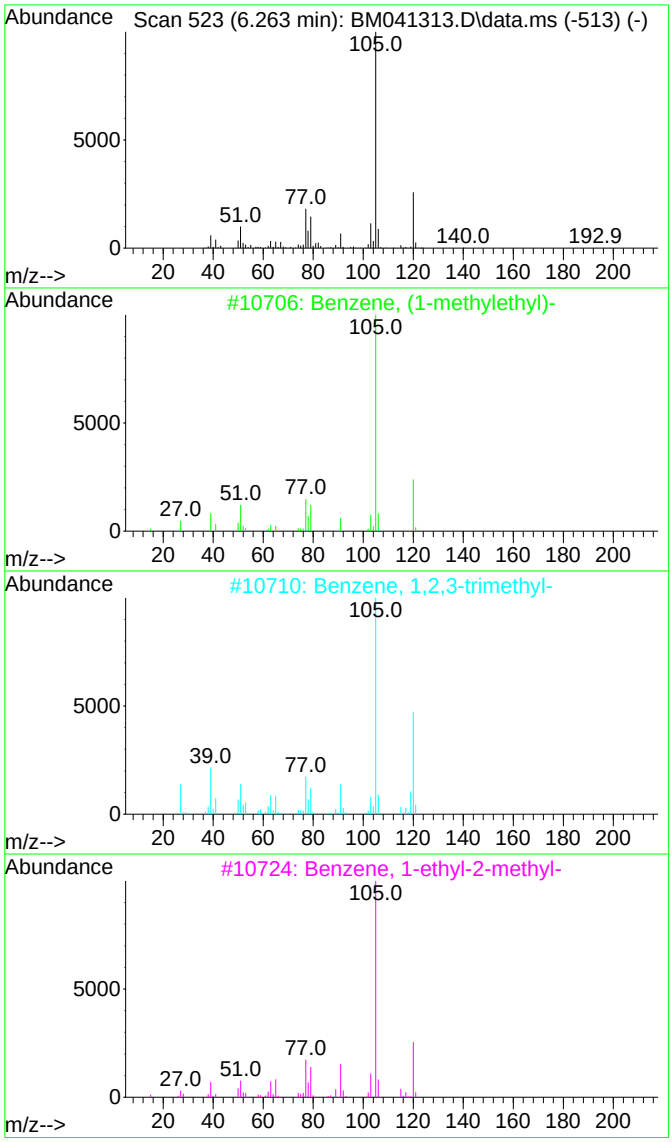
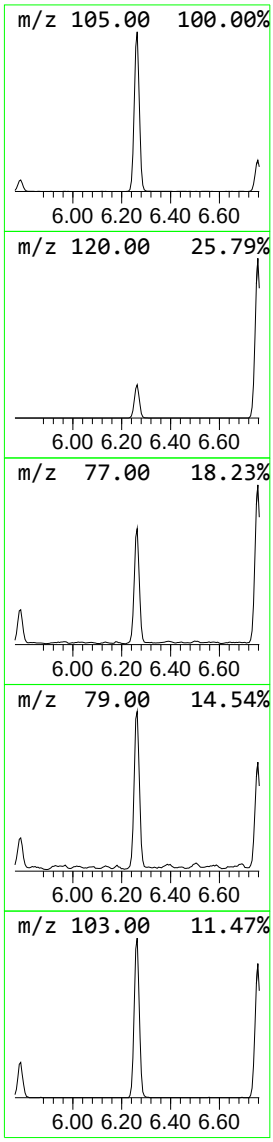
Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.263	83.54 ng	2182120	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





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Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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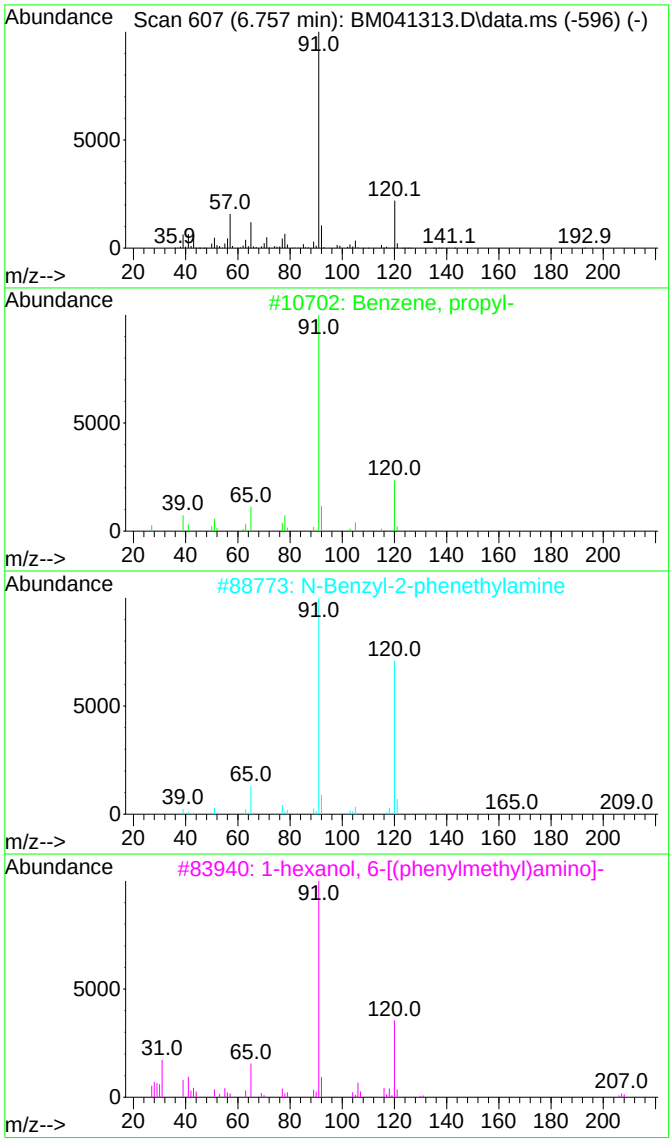
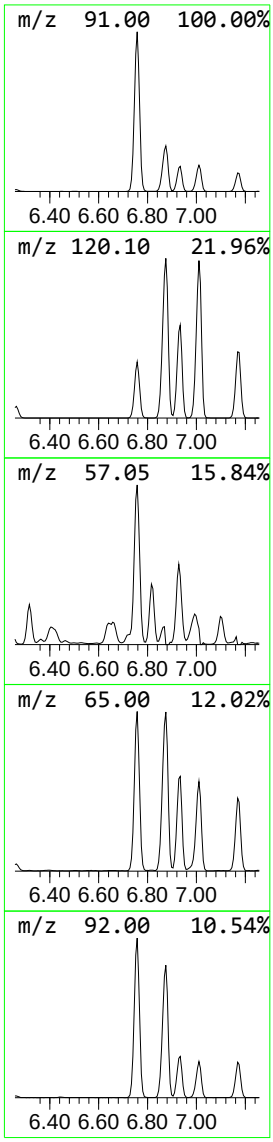
Peak Number 8 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.757	361.80 ng	9450170	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	53
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53





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Sample : 03903-09
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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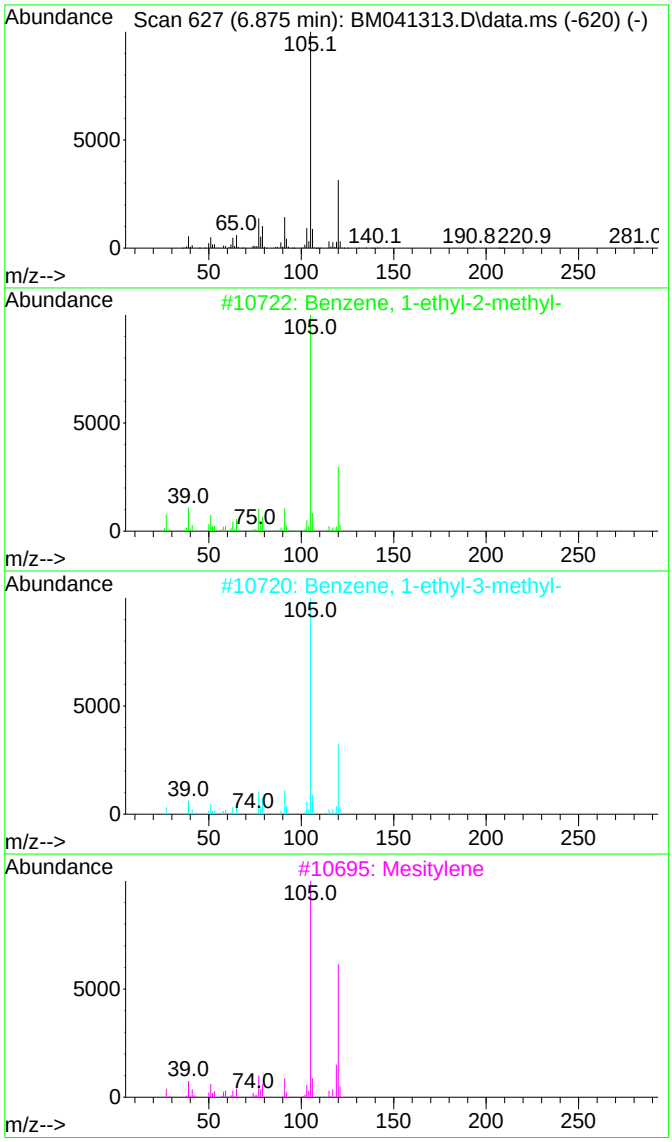
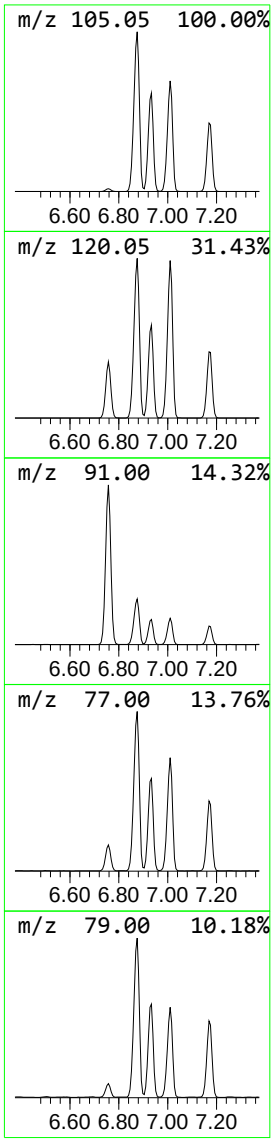
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	776.75 ng	20288600	1,4-Dichlorobenzene-d4	7.792

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	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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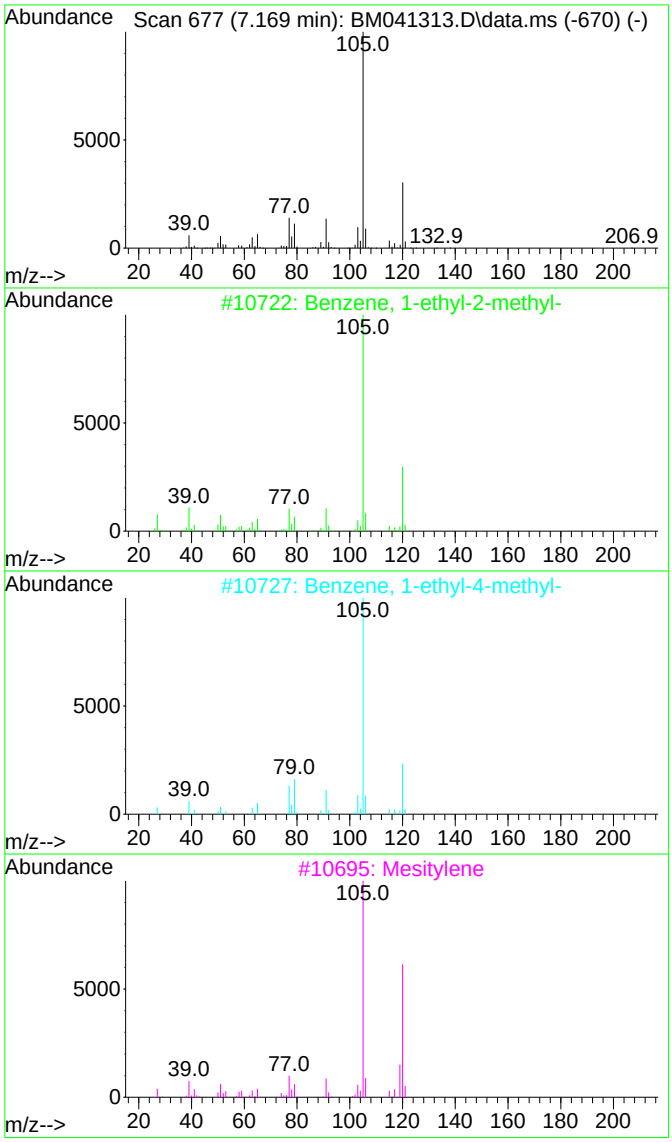
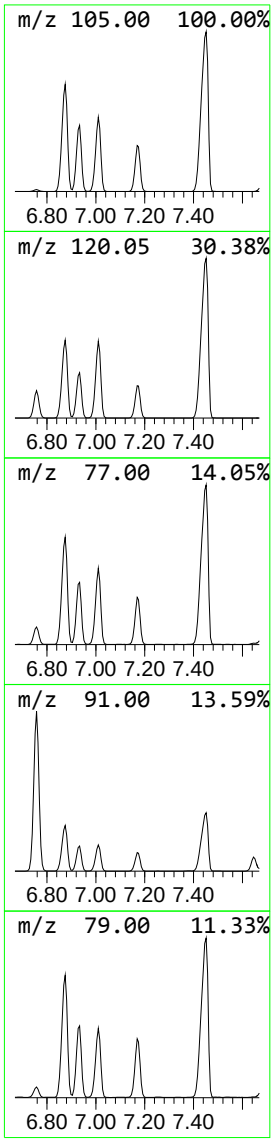
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	310.88 ng	8120100	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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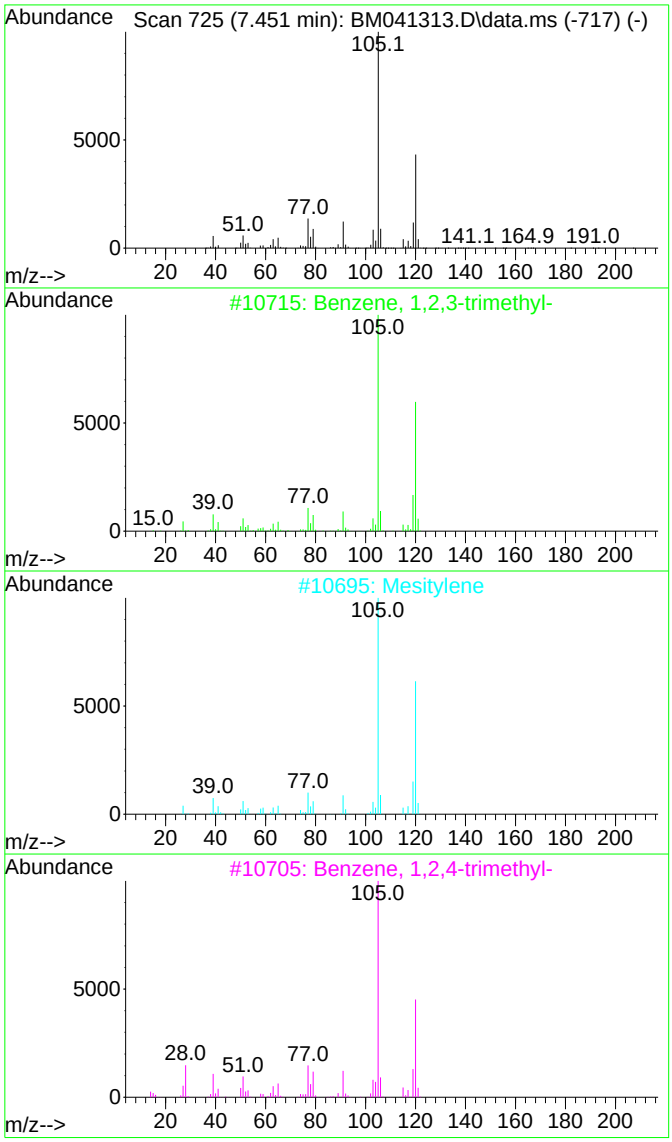
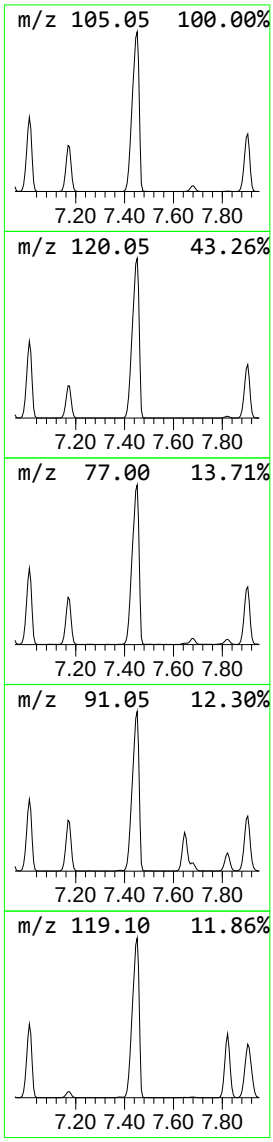
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.451	1521.57 ng	39743300	1,4-Dichlorobenzene-d4	7.792

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	97
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





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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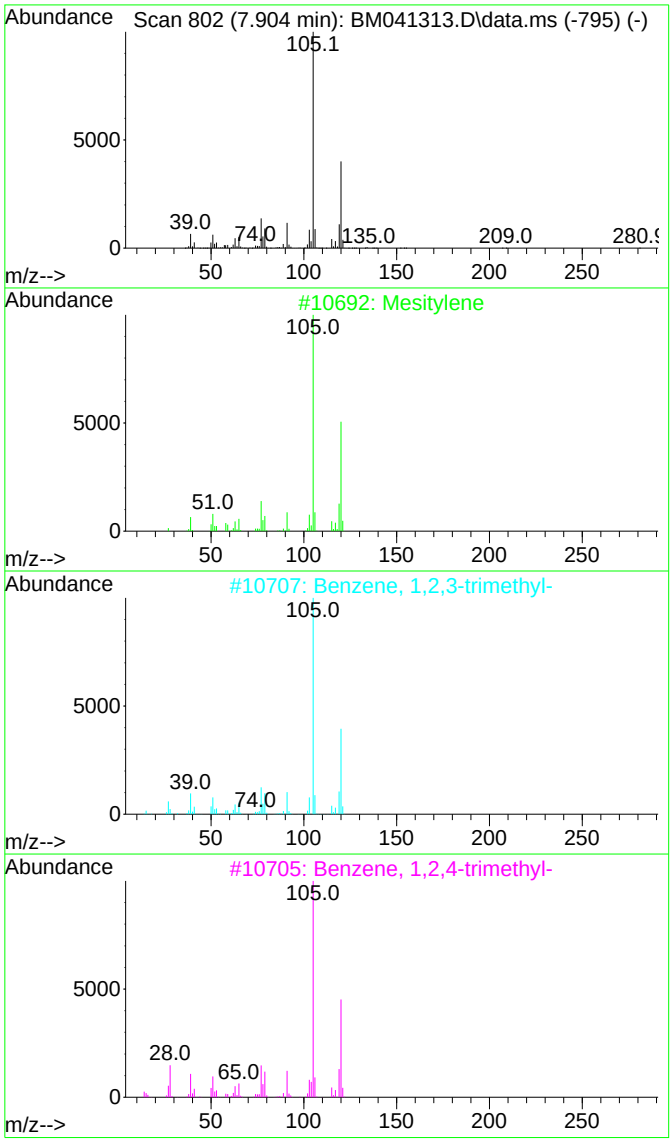
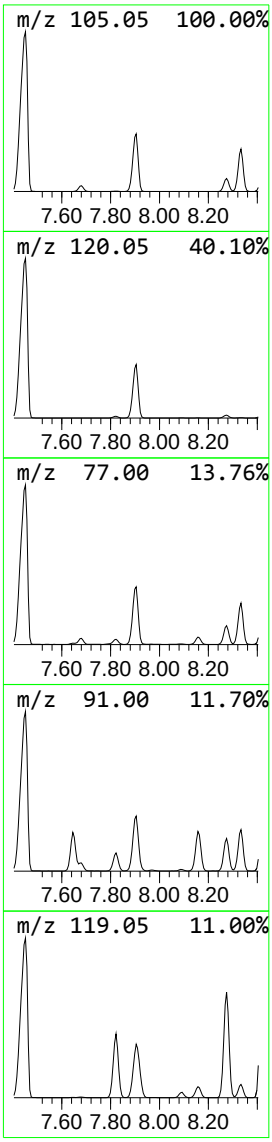
Peak Number 12 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.904	449.41 ng	11738500	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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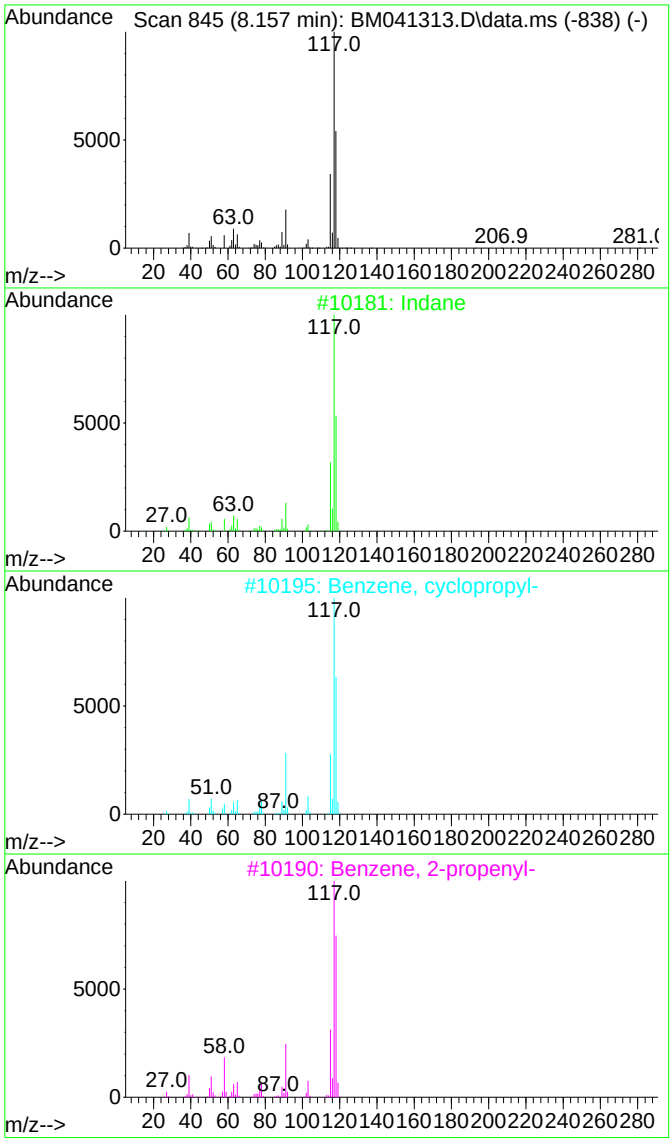
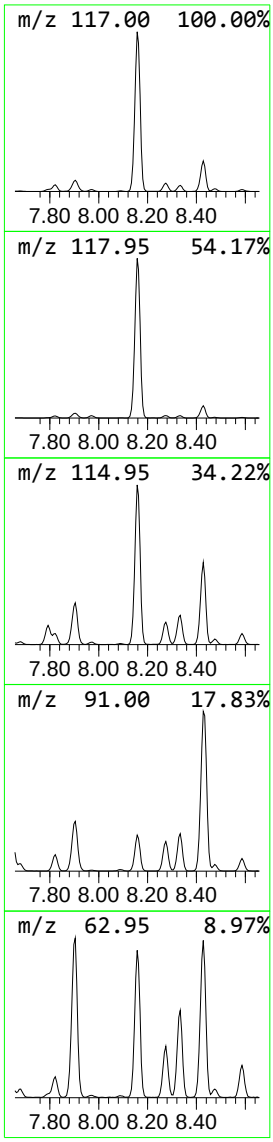
Peak Number 13 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	219.00 ng	5720350	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzeneethanol, .beta.-ethenyl-....	162	C11H14O	040596-14-3	50





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Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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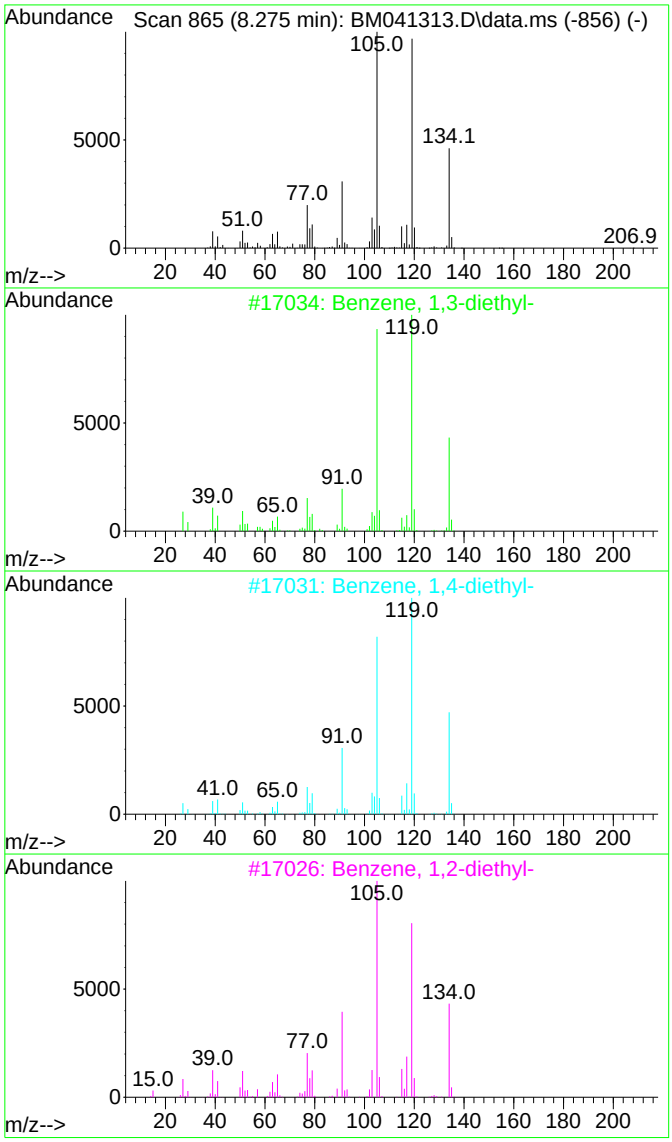
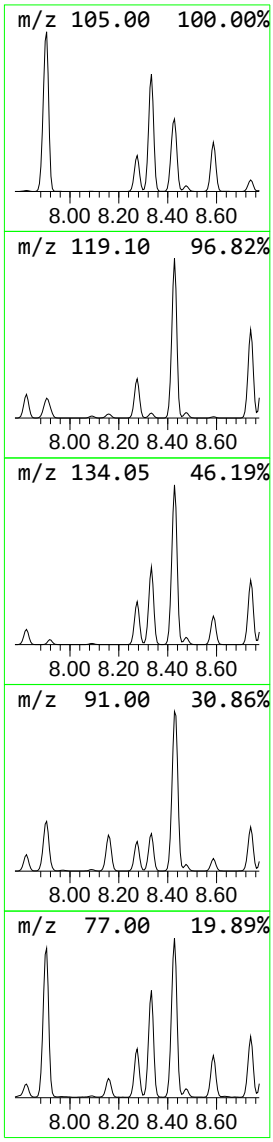
Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	177.45 ng	4635050	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
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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Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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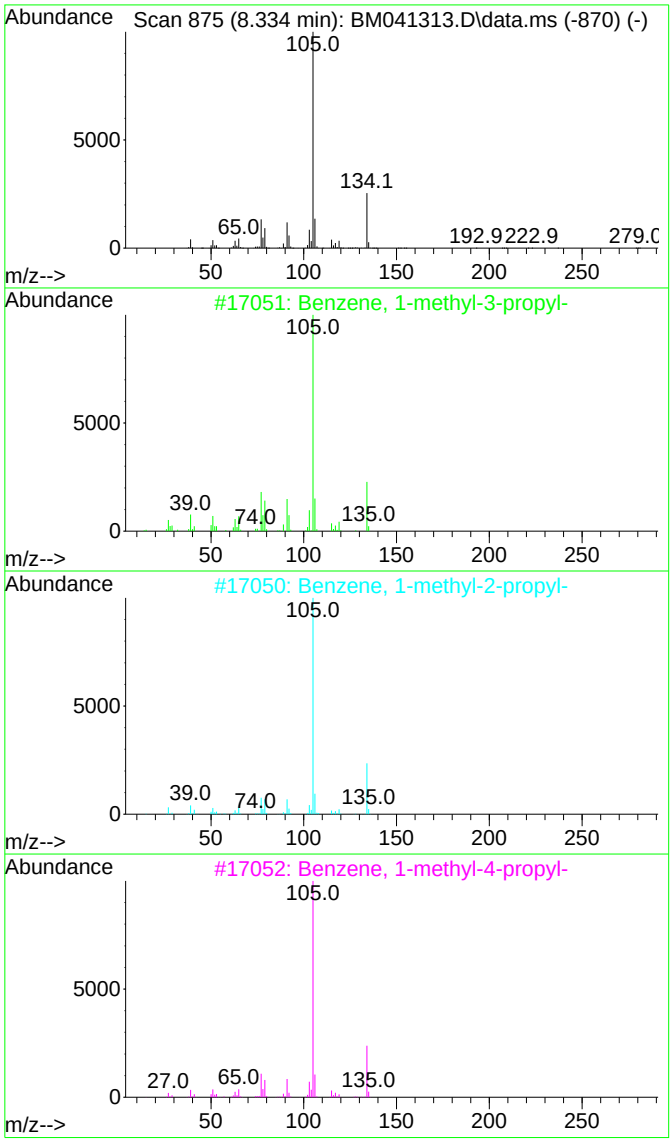
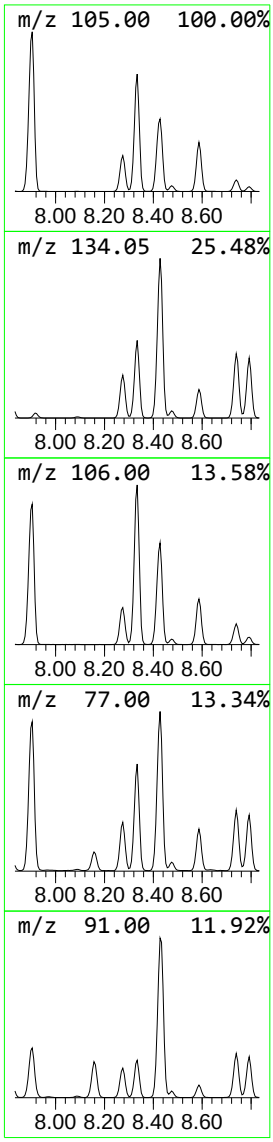
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	301.21 ng	7867490	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	80





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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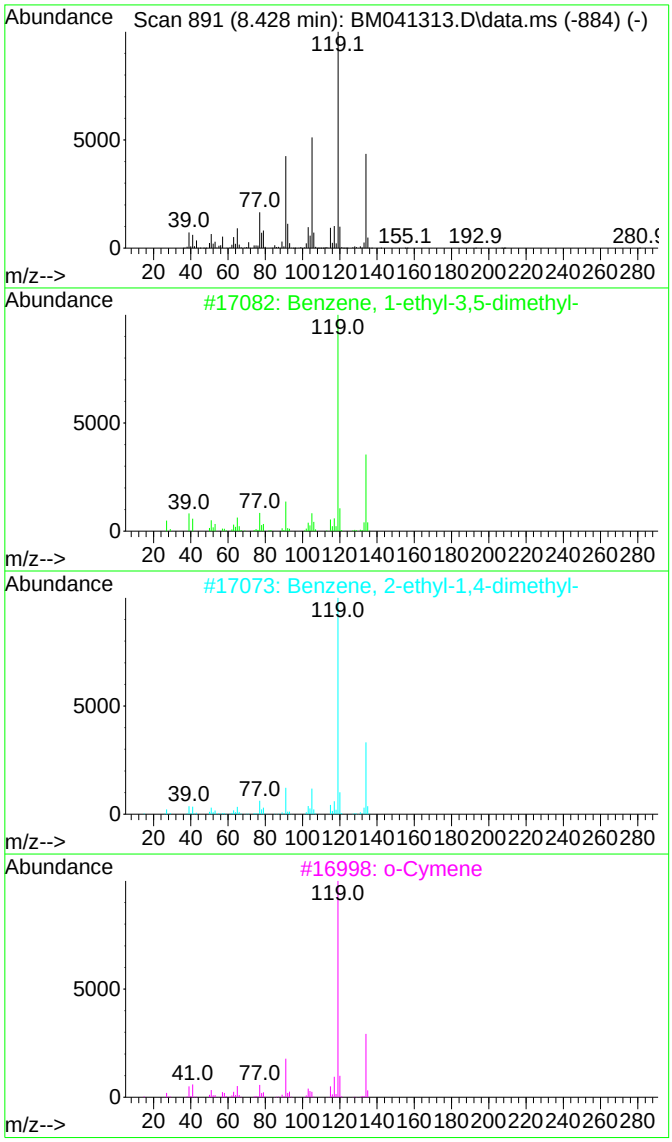
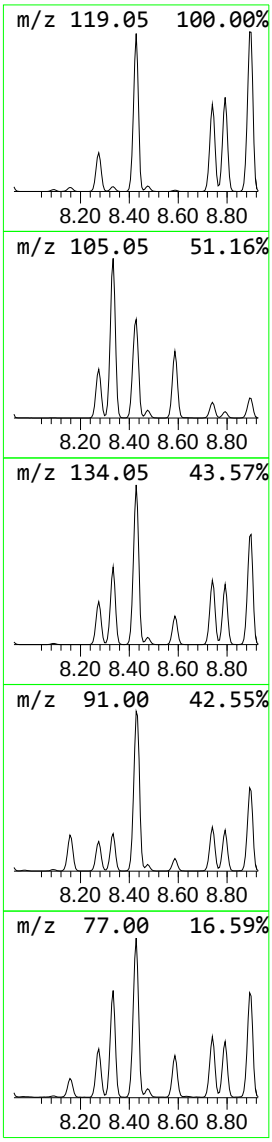
Peak Number 16 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	605.10 ng	15805000	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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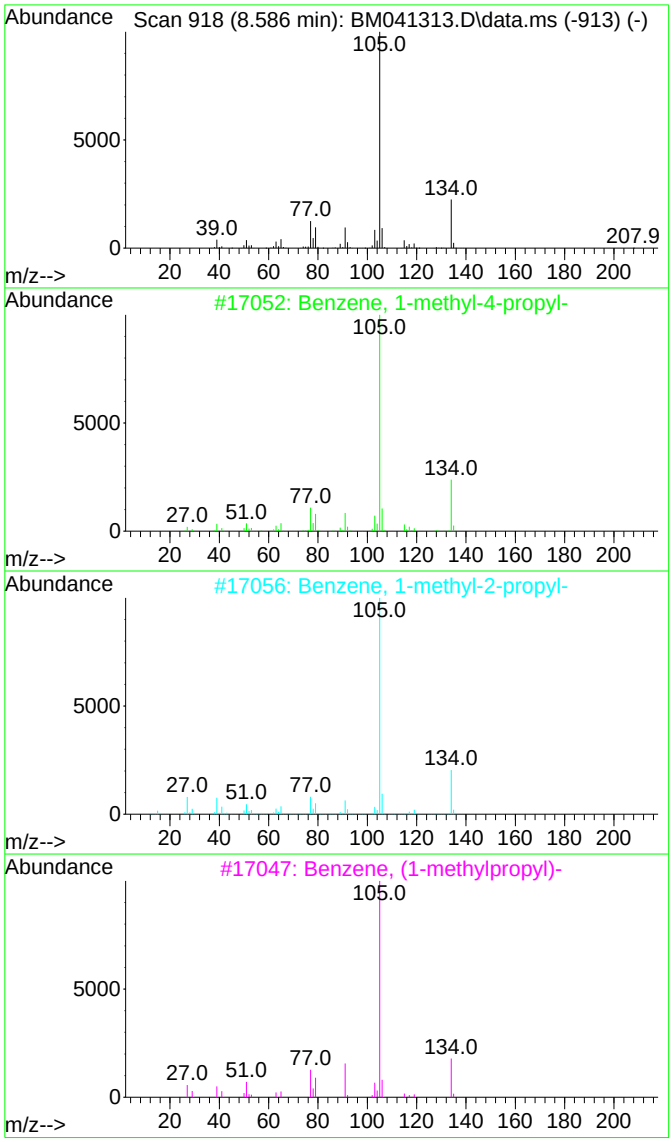
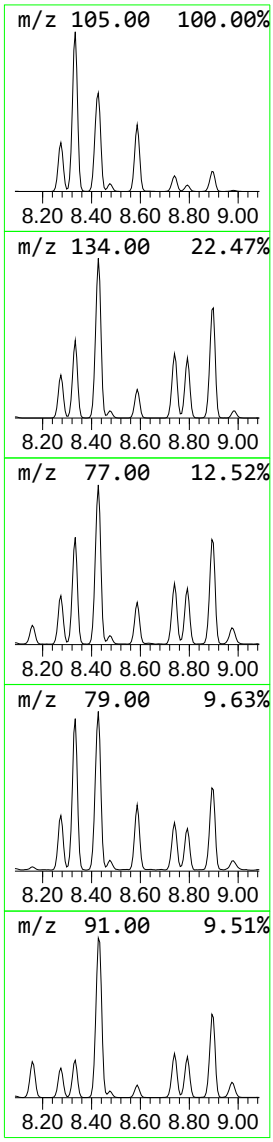
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.586	95.77 ng	2501620	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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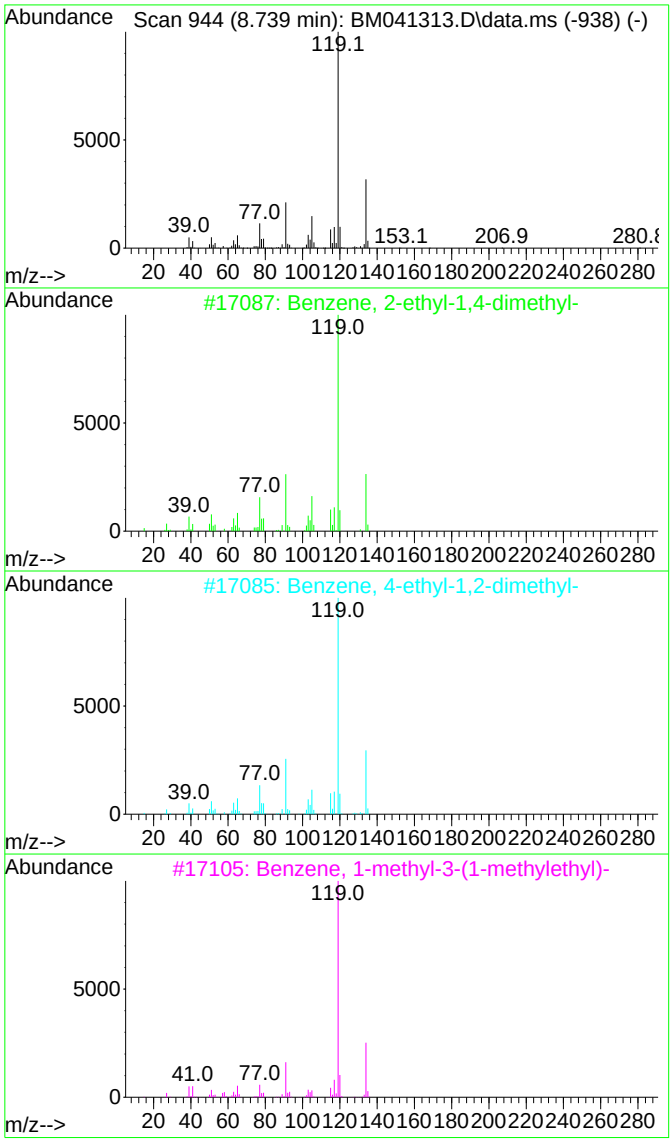
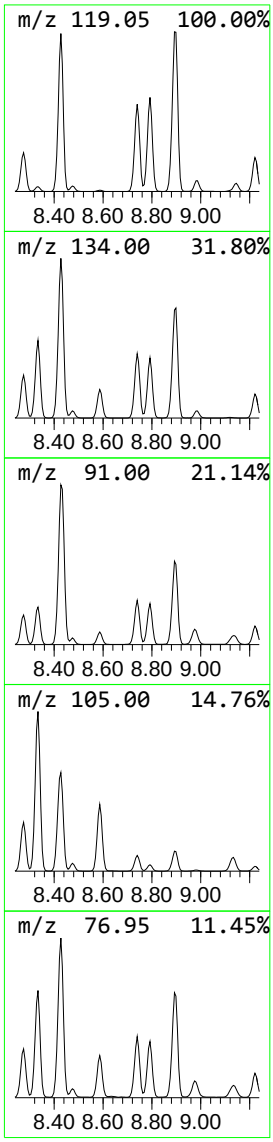
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	209.91 ng	5482810	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

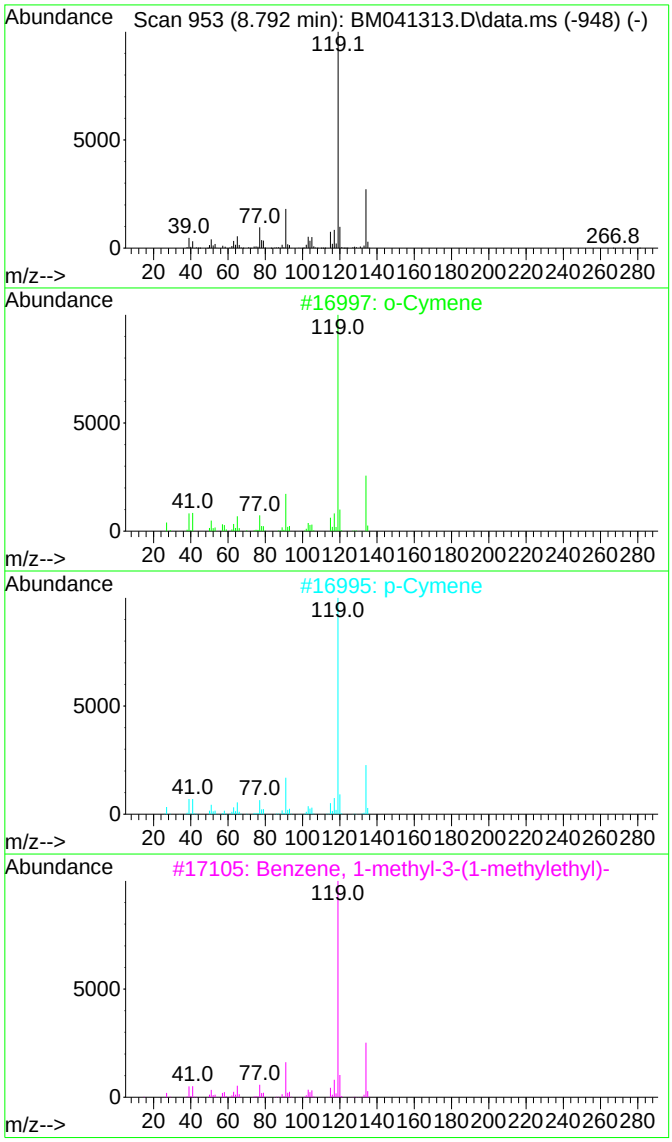
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

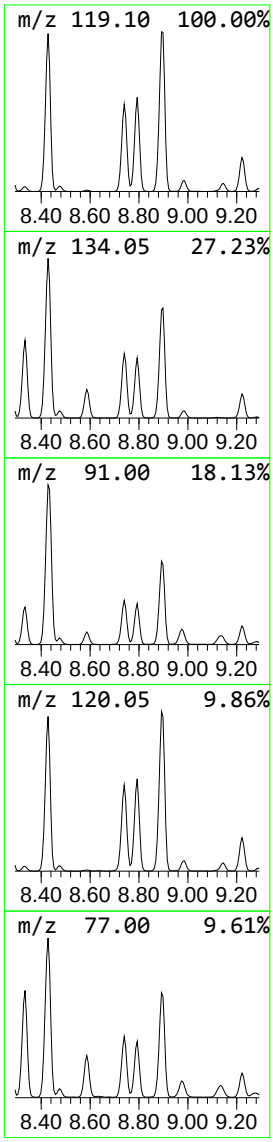
****

Peak Number 19 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.792	199.52 ng	5211400	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

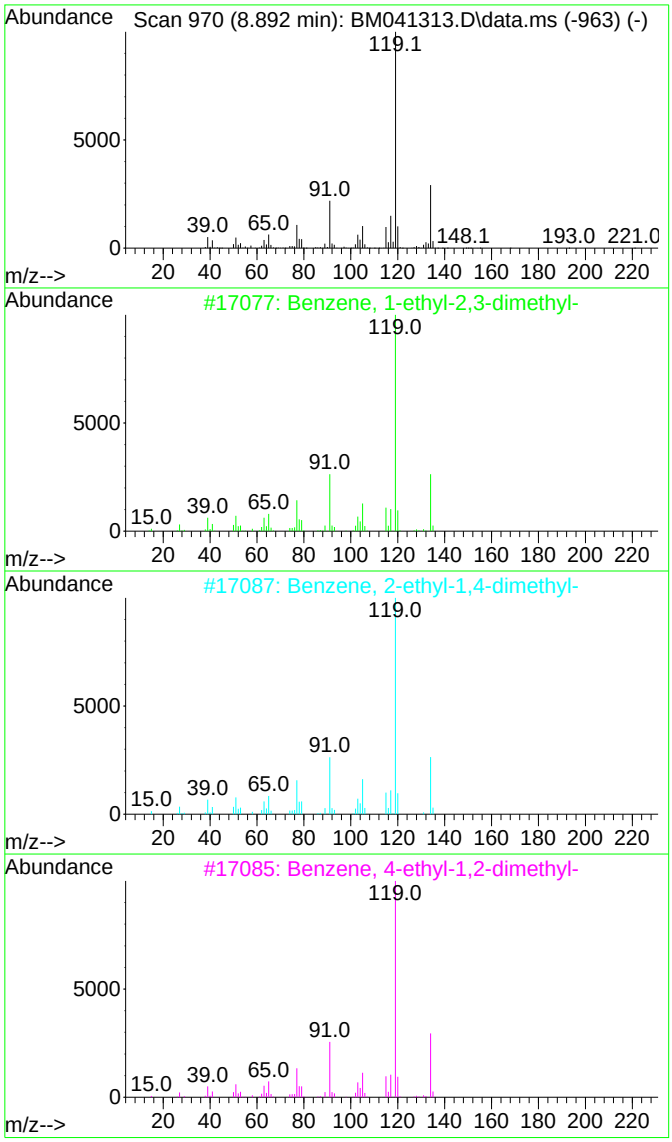
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

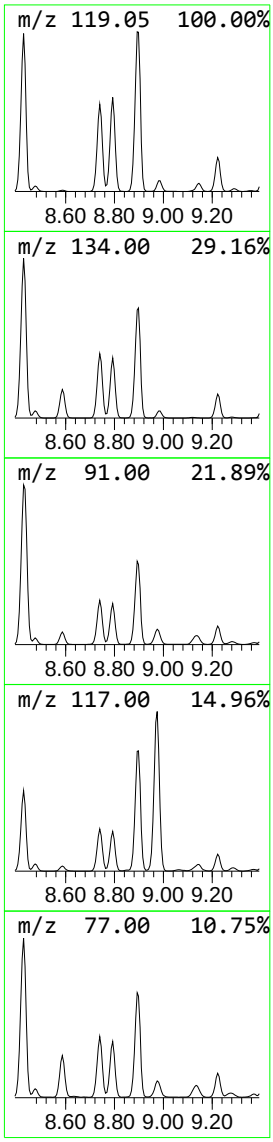
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.892	430.71 ng	11250100	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
Data File : BM041313.D
Acq On : 07 Aug 2023 15:35
Operator : MA/JU
Sample : 03903-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-09

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-...	3.704	65.8	ng	1719290	1	7.792	522397	20.0
Decane, 3,3,4-t...	3.799	90.0	ng	2349860	1	7.792	522397	20.0
Hexane, 2,2,5-t...	4.051	70.0	ng	1828500	1	7.792	522397	20.0
Benzene, 1,3-di...	5.416	569.2	ng	14866700	1	7.792	522397	20.0
Benzene, (1-met...	6.263	83.5	ng	2182120	1	7.792	522397	20.0
Benzene, propyl-	6.757	361.8	ng	9450170	1	7.792	522397	20.0
Benzene, 1-ethy...	6.875	776.8	ng	20288600	1	7.792	522397	20.0
Benzene, 1-ethy...	7.169	310.9	ng	8120100	1	7.792	522397	20.0
Benzene, 1,2,3-...	7.451	1521.6	ng	39743300	1	7.792	522397	20.0
Mesitylene	7.904	449.4	ng	11738500	1	7.792	522397	20.0
Indane	8.157	219.0	ng	5720350	1	7.792	522397	20.0
Benzene, 1,3-di...	8.275	177.4	ng	4635050	1	7.792	522397	20.0
Benzene, 1-meth...	8.334	301.2	ng	7867490	1	7.792	522397	20.0
Benzene, 1-ethy...	8.428	605.1	ng	15805000	1	7.792	522397	20.0
Benzene, 1-meth...	8.586	95.8	ng	2501620	1	7.792	522397	20.0
Benzene, 2-ethy...	8.739	209.9	ng	5482810	1	7.792	522397	20.0
o-Cymene	8.792	199.5	ng	5211400	1	7.792	522397	20.0
Benzene, 1-ethy...	8.892	430.7	ng	11250100	1	7.792	522397	20.0