LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-5B

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057839.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.182	11	16	21	rBV6	40080	101534	1.52%	0.138%
2	3.329	36	41	44	rBV3	70995	138192	2.07%	0.188%
3	3.470	61	65	76	rVB	70351	111153	1.66%	0.151%
4	3.599	76	87	89	rBV4	69770	119688	1.79%	0.163%
5	3.634	89	93	103	rVB2	166174	268922	4.02%	0.365%
6	3.893	130	137	142	rBV	160819	255686	3.82%	0.347%
7	4.016	154	158	168	rVB3	62600	118706	1.78%	0.161%
8	4.110	168	174	179	rBV	902272	1375316	20.57%	1.867%
9	4.151	179	181	189	rVB	125748	155690	2.33%	0.211%
10	4.292	197	205	208	rBV5	52779	113331	1.70%	0.154%
11	4.422	218	227	231	rBV3	100325	229630	3.44%	0.312%
12	4.574	245	253	255	rBV2	51020	90000	1.35%	0.122%
13	4.610	255	259	263	rVV	136531	213135	3.19%	0.289%
14	4.874	297	304	307	rVV2	56817	95117	1.42%	0.129%
15	4.992	321	324	327	rVV	55740	87360	1.31%	0.119%
16	5.027	327	330	334	rVV	70850	103673	1.55%	0.141%
17	5.432	391	399	405	rBV	2501456	3968604	59.37%	5.388%
18	5.497	405	410	415	rVB	307065	470661	7.04%	0.639%
19	5.567	415	422	424	rBV	2293578	4023255	60.19%	5.463%
20	5.932	477	484	495	rVB	1647235	2708449	40.52%	3.677%
21	6.408	555	565	573	rBV	291482	527961	7.90%	0.717%
22	6.901	642	649	657	rBV	1032675	1639825	24.53%	2.226%
23	7.007	661	667	672	rVV	949875	1547176	23.15%	2.101%
24	7.071	672	678	685	rVV	1406412	2352337	35.19%	3.194%
25	7.142	685	690	701	rVB	404001	650723	9.73%	0.884%
26	7.312	711	719	726	rBV	1395395	2235342	33.44%	3.035%
27	7.577	753	764	771	rBV	3775423	6684611	100.00%	9.076%
28	7.788	795	800	803	rBV	73986	124177	1.86%	0.169%
29	7.824	803	806	815	rVB	85766	143443	2.15%	0.195%
30	7.923	815	823	826	rBV	133941	237226	3.55%	0.322%
31	7.959	826	829	835	rVV	110011	167725	2.51%	0.228%
32	8.035	835	842	850	rVB	1316172	2268571	33.94%	3.080%
33	8.299	879	887	893	rVB	879035	1513612	22.64%	2.055%
34	8.411	900	906	911	rBV	509864	806948	12.07%	1.096%
35	8.464	911	915	922	rVV	242601	410892	6.15%	0.558%
36	8.558	925	931	937	rVV2	705823	1220811	18.26%	1.658%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

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-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.611	937	940	948	rVB	101664	161361	2.41%	0.219%
38	8.722	954	959	968	rVB	342870	558008	8.35%	0.758%
39	8.875	979	985	989	rVV	778143	1252659	18.74%	1.701%
40	8.928	989	994	1000	rVV	660935	1038712	15.54%	1.410%
41	9.028	1005	1011	1016	rVV	1435753	2414224	36.12%	3.278%
42	9.110	1016	1025	1035	rVB3	844920	2105689	31.50%	2.859%
43	9.275	1043	1053	1061	rBV3	71548	166747	2.49%	0.226%
44	9.357	1061	1067	1074	rVV2	322703	589364	8.82%	0.800%
45	9.551	1084	1100	1105	rBV	801262	1338819	20.03%	1.818%
46	9.610	1105	1110	1119	rVB	1026172	1682343	25.17%	2.284%
47	9.768	1132	1137	1141	rVV	161053	265335	3.97%	0.360%
48	9.809	1141	1144	1148	rVB	97055	132787	1.99%	0.180%
49	9.856	1148	1152	1156	rVB	62450	88194	1.32%	0.120%
50	9.921	1156	1163	1166	rBV3	131804	243785	3.65%	0.331%
51	9.974	1166	1172	1183	rVB	803451	1505936	22.53%	2.045%
52	10.074	1183	1189	1191	rBV	78111	123301	1.84%	0.167%
53	10.121	1191	1197	1204	rVB2	1298752	2363456	35.36%	3.209%
54	10.191	1204	1209	1214	rBV2	127659	214176	3.20%	0.291%
55	10.303	1220	1228	1233	rVV4	104903	233989	3.50%	0.318%
56	10.356	1233	1237	1243	rVB	131987	205818	3.08%	0.279%
57	10.420	1243	1248	1255	rVB	126151	207151	3.10%	0.281%
58	10.603	1267	1279	1281	rBV5	53824	122435	1.83%	0.166%
59	10.638	1281	1285	1288	rVV	135025	238993	3.58%	0.324%
60	10.708	1288	1297	1303	rVV2	422988	1225784	18.34%	1.664%
61	10.773	1303	1308	1315	rVV2	871122	1775850	26.57%	2.411%
62	10.838	1315	1319	1324	rVV	273366	460510	6.89%	0.625%
63	10.891	1324	1328	1332	rVV	84209	154322	2.31%	0.210%
64	10.938	1332	1336	1341	rVB	90079	133778	2.00%	0.182%
65	11.137	1365	1370	1376	rVV3	93310	181274	2.71%	0.246%
66	11.384	1407	1412	1417	rVV	174177	307577	4.60%	0.418%
67	11.637	1448	1455	1460	rBV	263128	474563	7.10%	0.644%
68	11.690	1460	1464	1470	rVV	300737	503402	7.53%	0.683%
69	11.831	1481	1488	1493	rVV	162096	297033	4.44%	0.403%
70	11.913	1497	1502	1515	rVV4	81622	219673	3.29%	0.298%
71	12.107	1529	1535	1545	rVV2	121528	241594	3.61%	0.328%
72	12.271	1558	1563	1568	rVB3	75272	145141	2.17%	0.197%
73	12.383	1573	1582	1587	rVB3	118691	211284	3.16%	0.287%
74	12.600	1610	1619	1625	rBV	488511	903665	13.52%	1.227%
75	13.182	1707	1718	1724	rBV	1057615	1667994	24.95%	2.265%
76	13.335	1734	1744	1749	rBV	204668	473194	7.08%	0.642%

LSC Area Percent Report

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Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

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_G\Methods\8270-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.517	1768	1775	1782	rVB5	43861	101144	1.51%	0.137%
78	13.722	1805	1810	1816	rVV3	113623	229724	3.44%	0.312%
79	13.781	1816	1820	1825	rVB3	53332	90514	1.35%	0.123%
80	13.922	1839	1844	1850	rVB2	110925	174911	2.62%	0.237%
81	14.181	1883	1888	1895	rVB2	86508	155102	2.32%	0.211%
82	14.251	1895	1900	1907	rBV3	53915	89692	1.34%	0.122%
83	14.557	1940	1952	1958	rVB	364470	625231	9.35%	0.849%
84	14.674	1966	1972	1977	rBV5	44996	92536	1.38%	0.126%
85	14.733	1977	1982	1988	rVB4	60021	117269	1.75%	0.159%
86	15.044	2026	2035	2043	rBV2	145704	335540	5.02%	0.456%
87	15.409	2087	2097	2102	rBV8	37129	122864	1.84%	0.167%
88	15.473	2105	2108	2113	rVB	68772	95940	1.44%	0.130%
89	15.908	2176	2182	2188	rVB	246399	372252	5.57%	0.505%
90	16.037	2198	2204	2209	rBV	1015108	1575073	23.56%	2.139%
91	16.084	2209	2212	2220	rVV	69951	115528	1.73%	0.157%
92	16.161	2220	2225	2234	rVB2	55287	97259	1.45%	0.132%
93	16.378	2254	2262	2272	rBV3	45824	117231	1.75%	0.159%
94	16.472	2272	2278	2282	rBV2	92025	142652	2.13%	0.194%
95	17.295	2412	2418	2431	rVB	453616	723818	10.83%	0.983%
96	18.188	2562	2570	2577	rBV	150877	240350	3.60%	0.326%
97	19.915	2858	2864	2874	rVB	1893330	2523348	37.75%	3.426%
98	21.202	3079	3083	3092	rBV2	65787	105416	1.58%	0.143%
99	21.549	3136	3142	3149	rBV2	441263	690015	10.32%	0.937%
100	24.698	3669	3678	3692	rVB	276382	807948	12.09%	1.097%

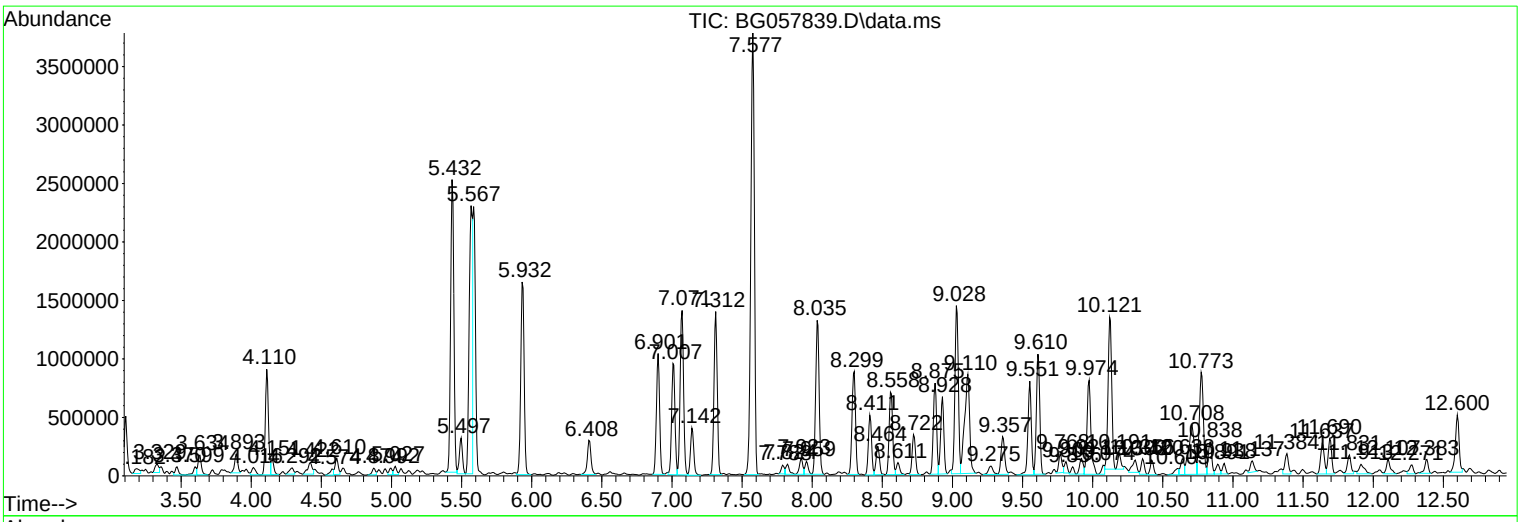
Sum of corrected areas: 73650759

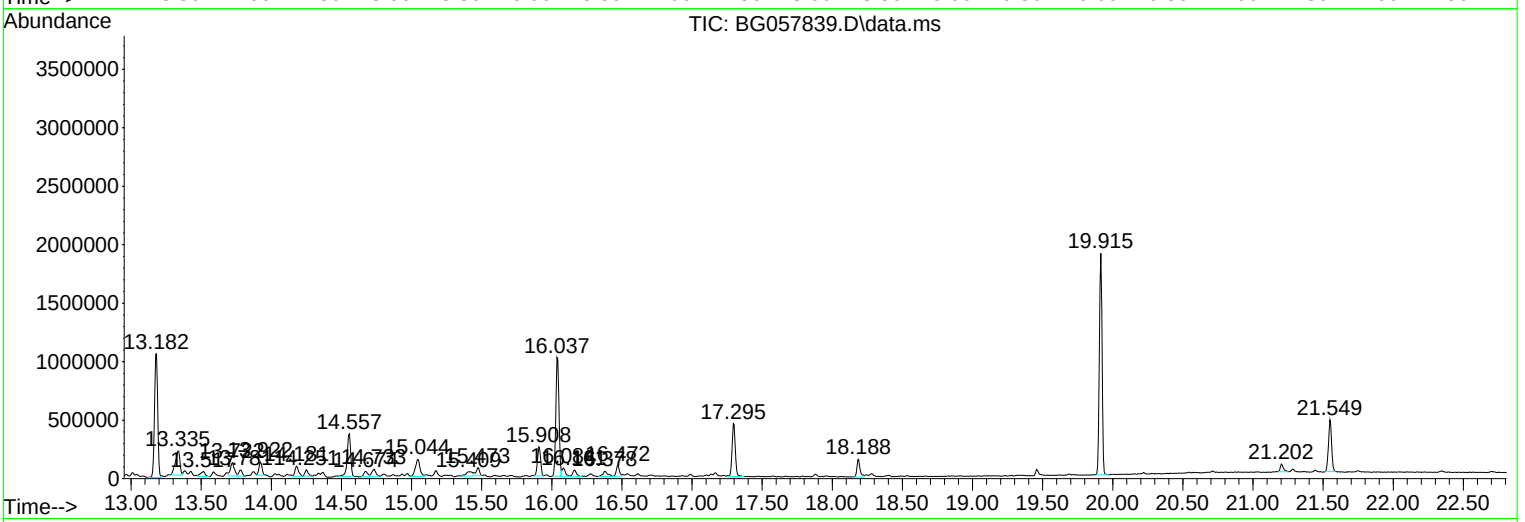
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

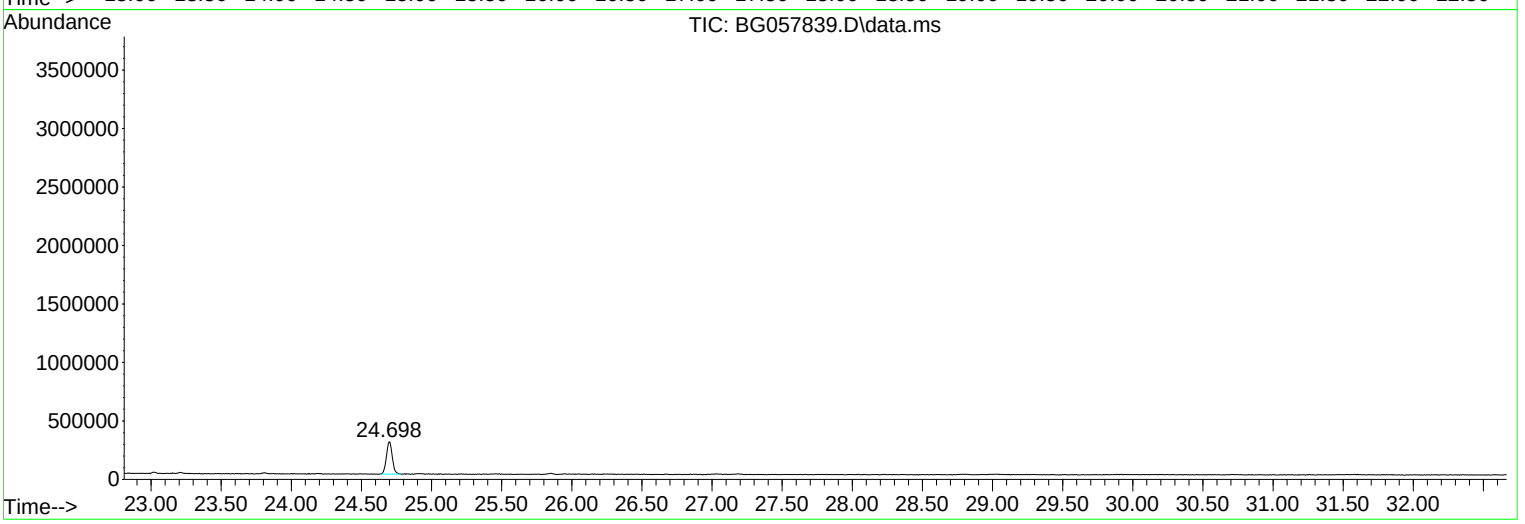
Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

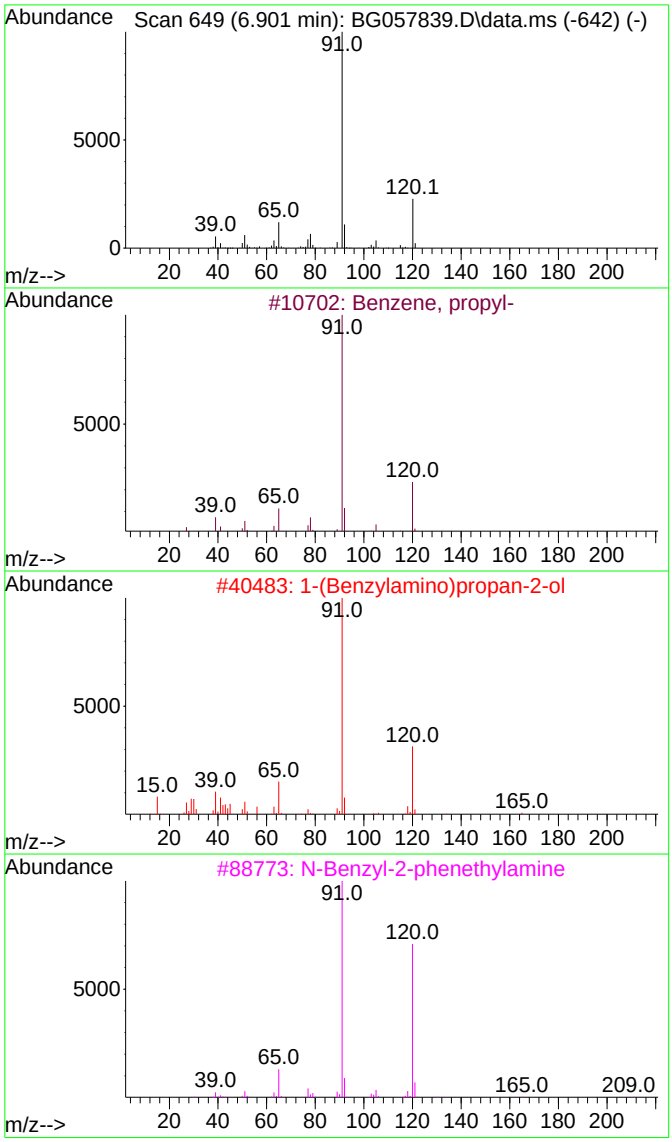
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

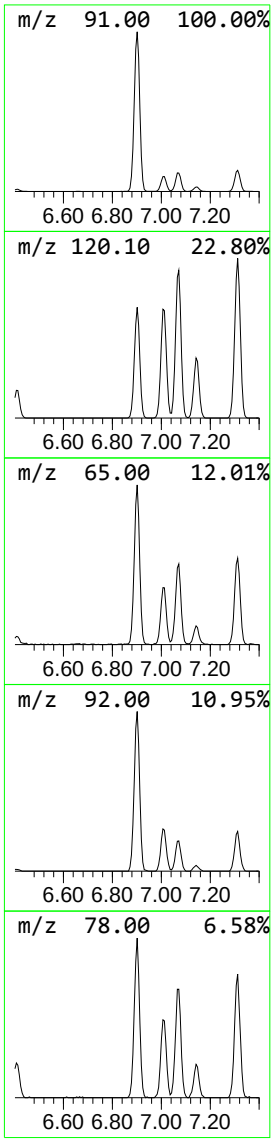
****

Peak Number 6 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.901	138.25 ng	1639830	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	59
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53
4	Benzaldehyde, 4-(phenylmethoxy)-	212	C14H12O2	004397-53-9	47
5	Benzenepropionic acid, 4-benzyloxy-	256	C16H16O3	050463-48-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

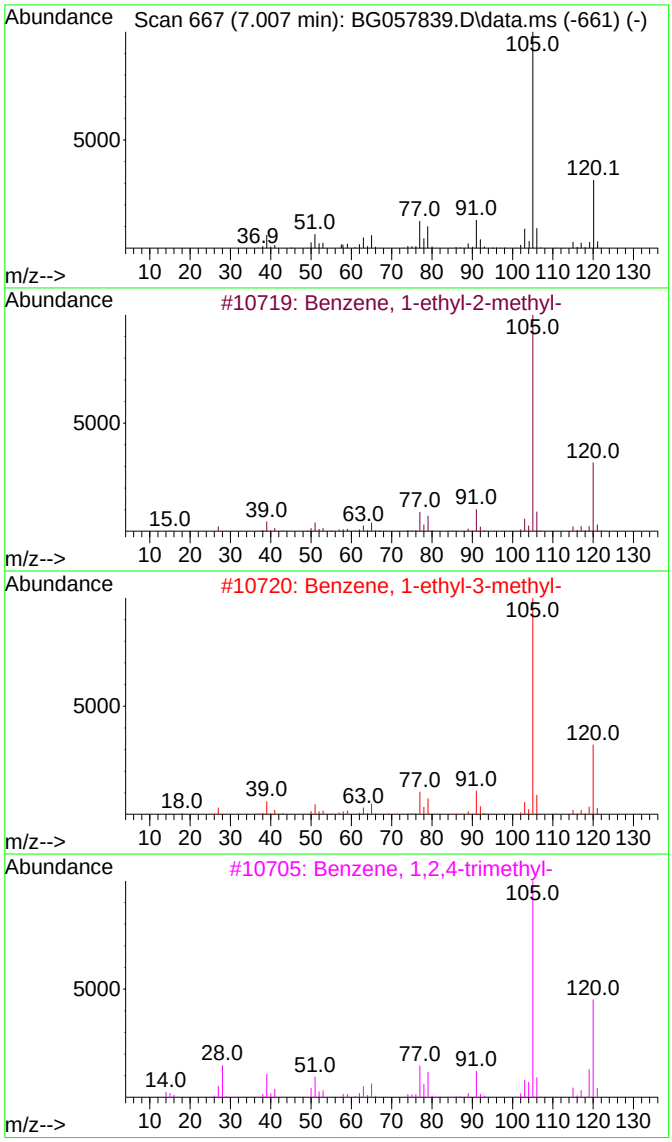
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

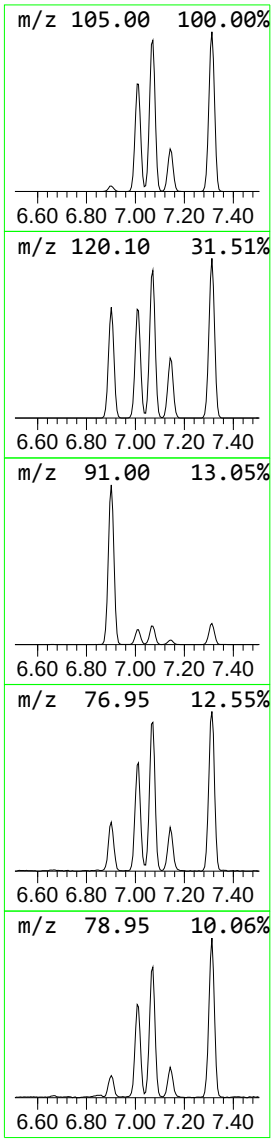
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.007	130.44 ng	1547180	1,4-Dichlorobenzene-d4	7.923

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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

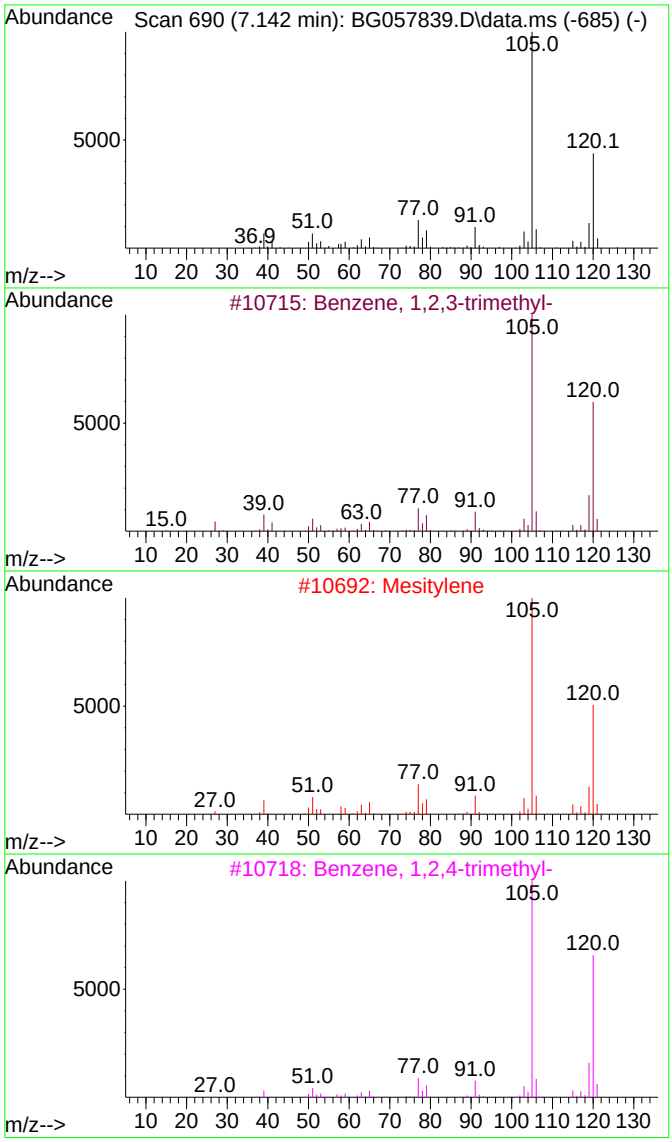
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

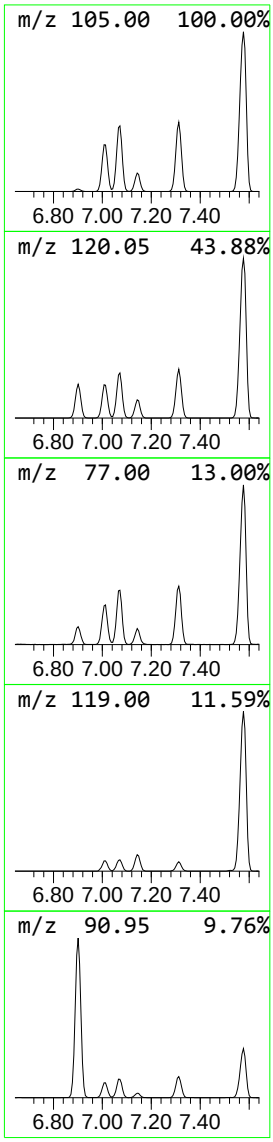
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.142	54.86 ng	650723	1,4-Dichlorobenzene-d4	7.923

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-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

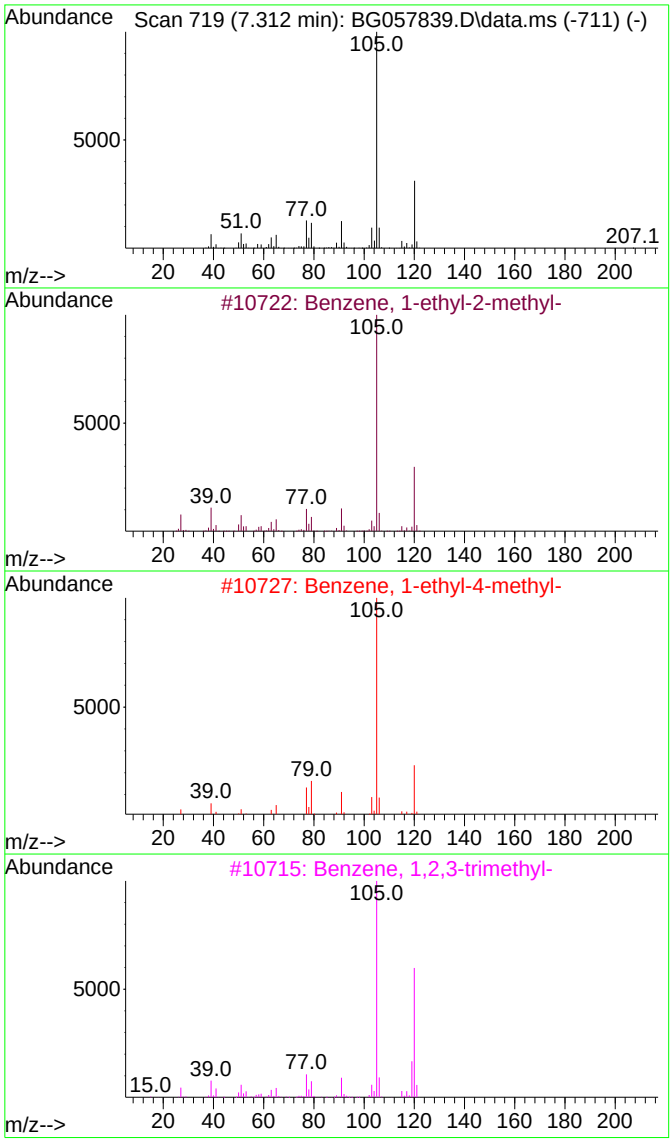
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

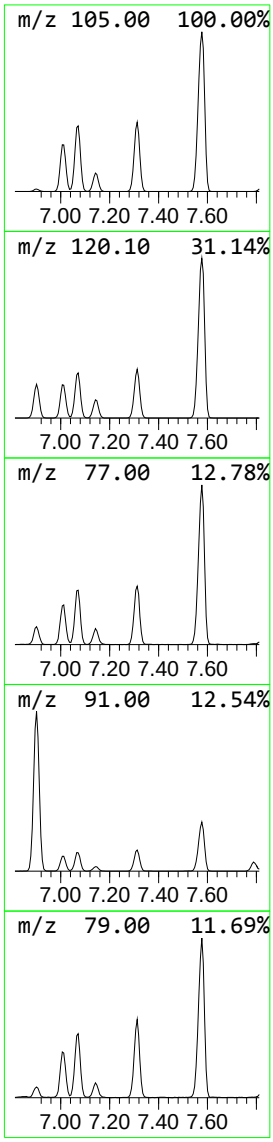
****

Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.312	188.46 ng	2235340	1,4-Dichlorobenzene-d4	7.923

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	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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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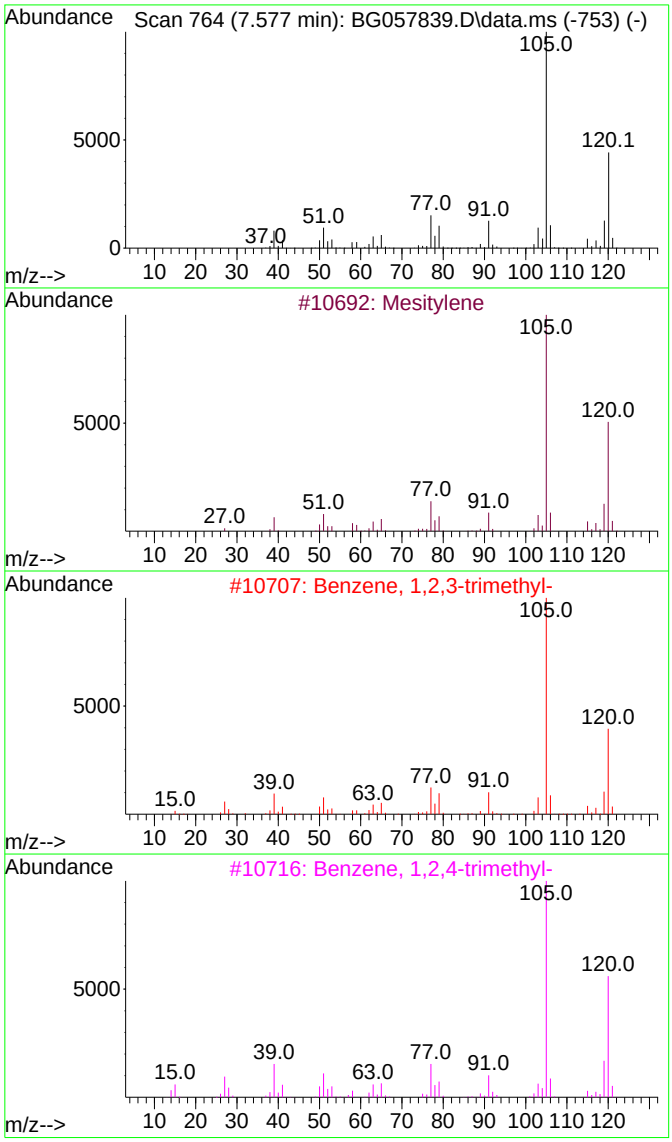
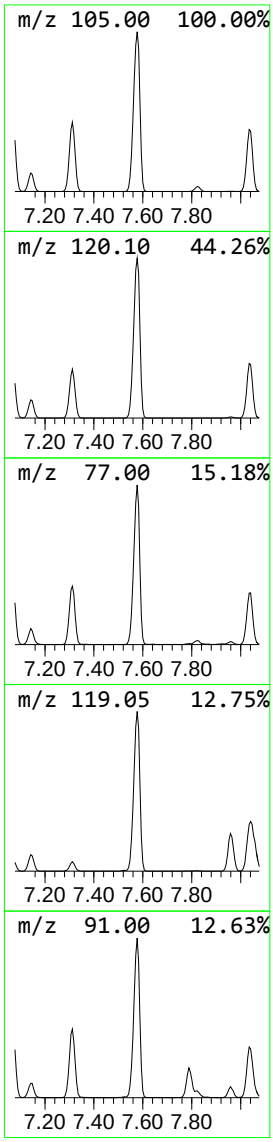
Peak Number 10 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.577	563.57 ng	6684610	1,4-Dichlorobenzene-d4	7.923

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	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

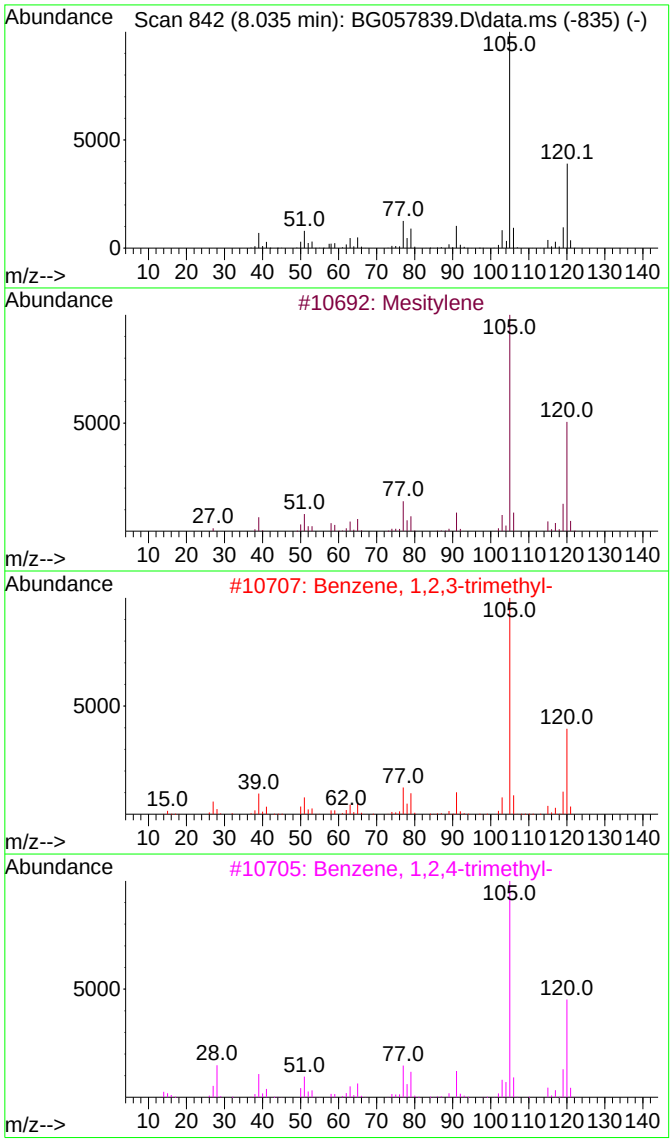
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

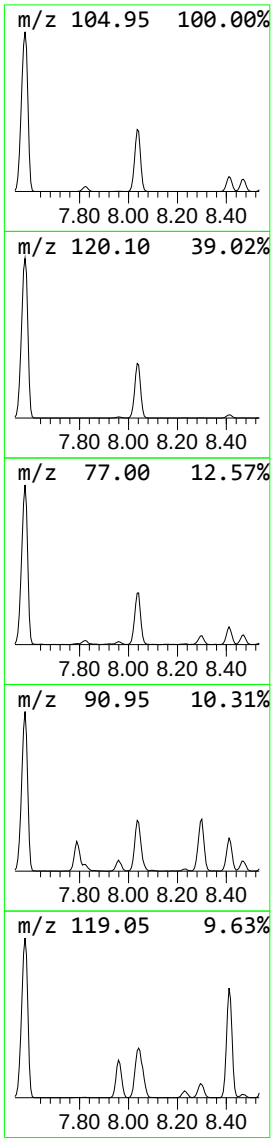
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.035	191.26 ng	2268570	1,4-Dichlorobenzene-d4	7.923

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-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

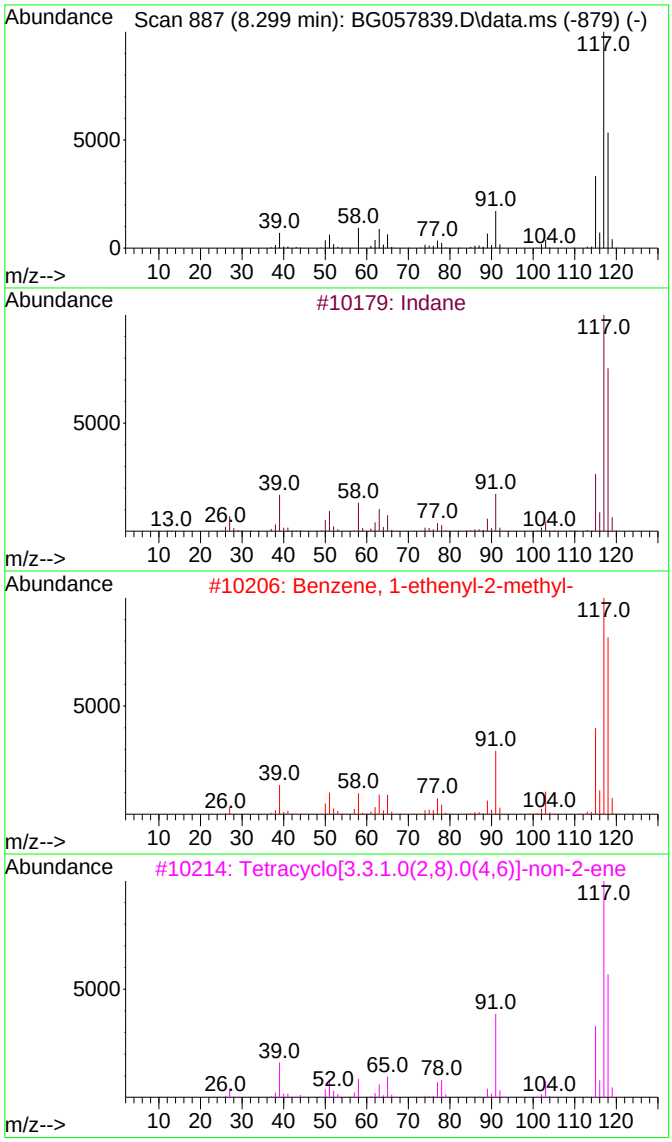
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

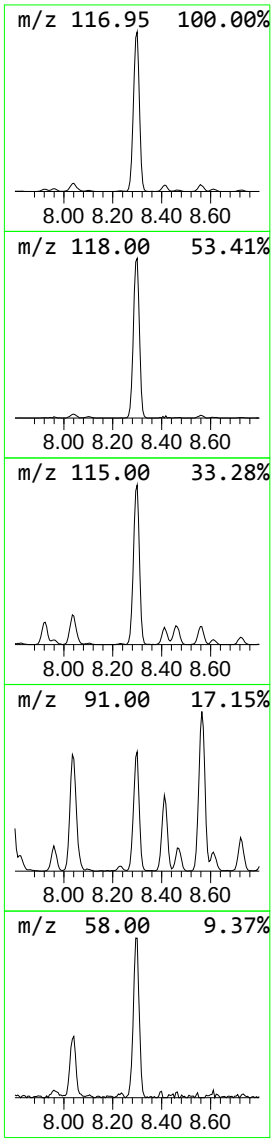
****

Peak Number 12 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.299	127.61 ng	1513610	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

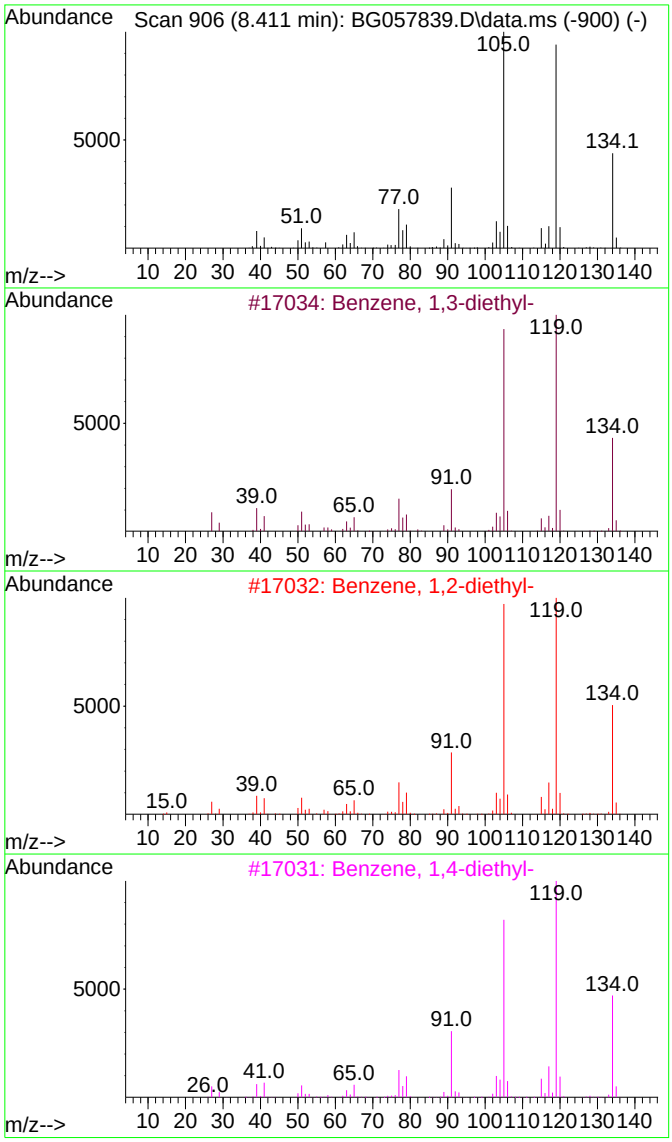
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

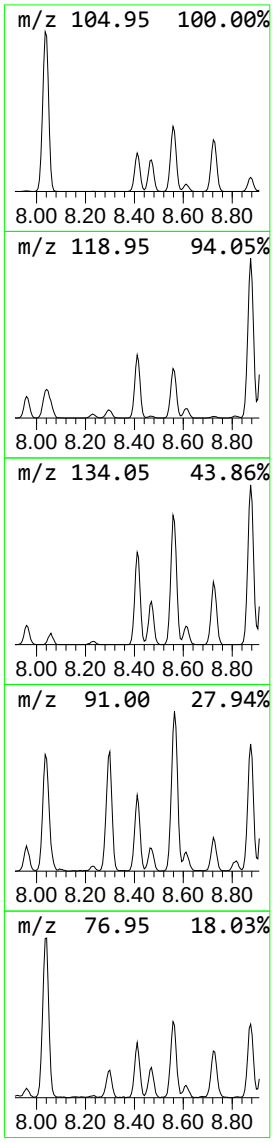
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.411	68.03 ng	806948	1,4-Dichlorobenzene-d4	7.923

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, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

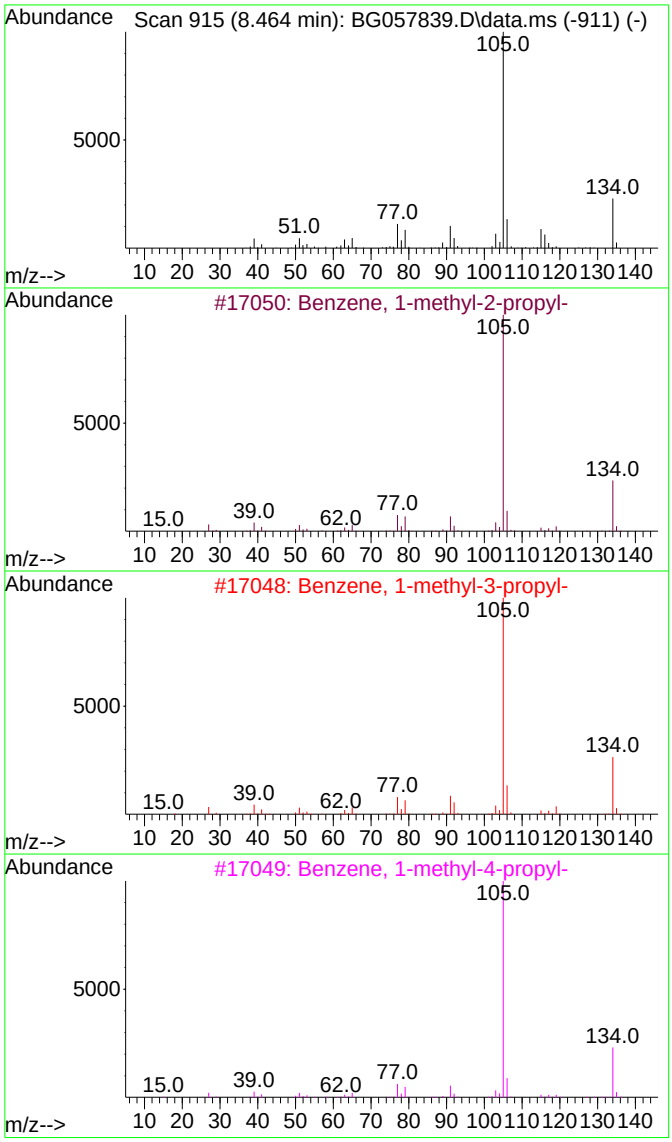
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

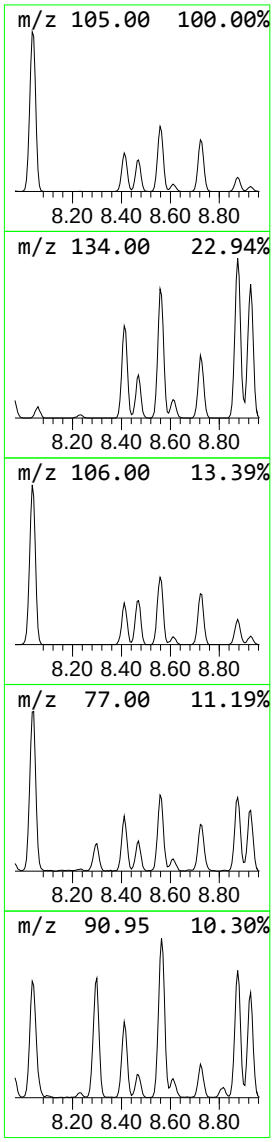
****

Peak Number 14 Benzene, 1-methyl-2-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.464	34.64 ng	410892	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
5	2-Indanol	134	C9H10O	004254-29-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

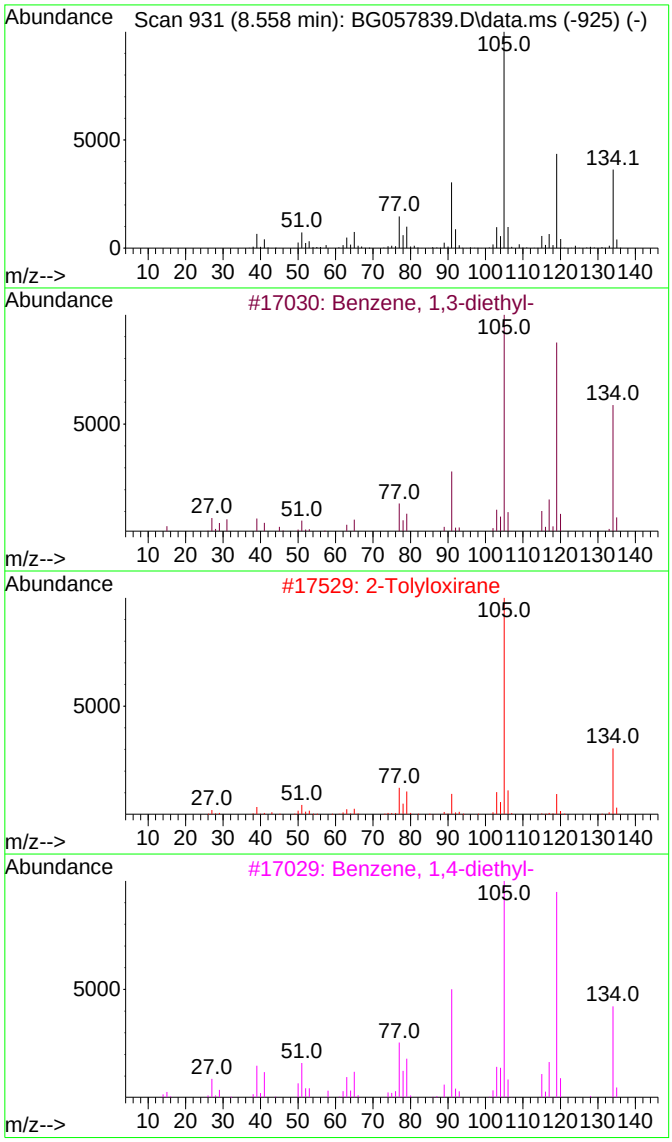
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

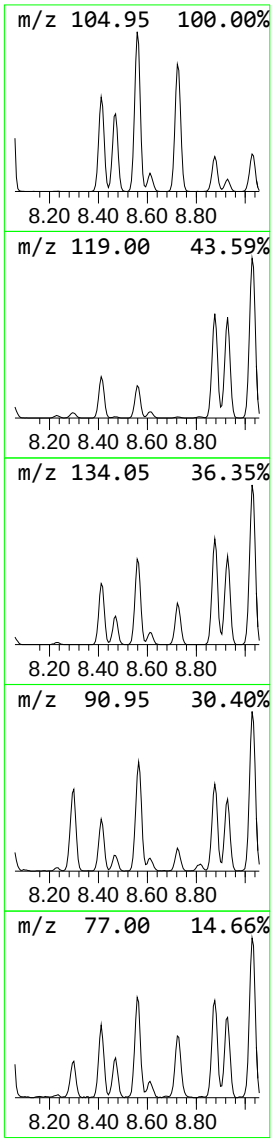
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.558	102.92 ng	1220810	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74
2	2-Tolyloxirane	134	C9H10O	002783-26-8	60
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	55
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

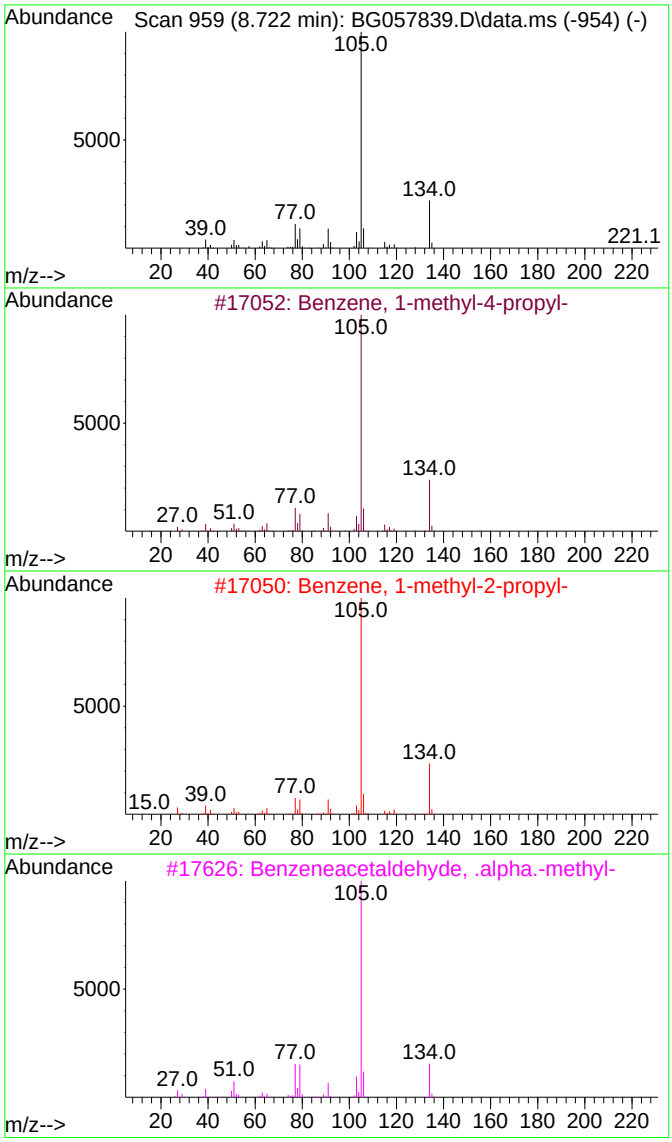
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

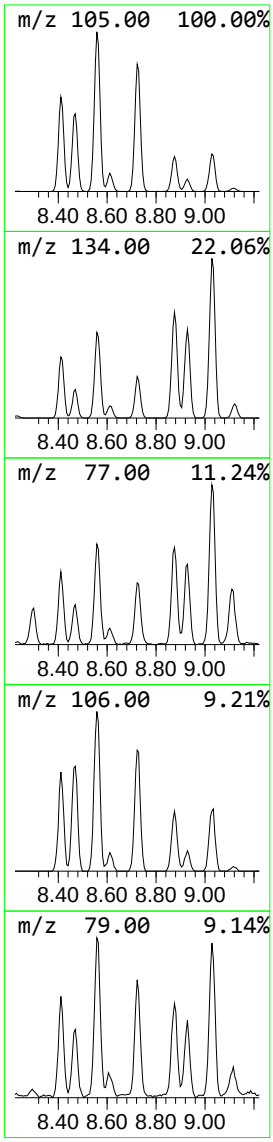
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	47.04 ng	558008	1,4-Dichlorobenzene-d4	7.923

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	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

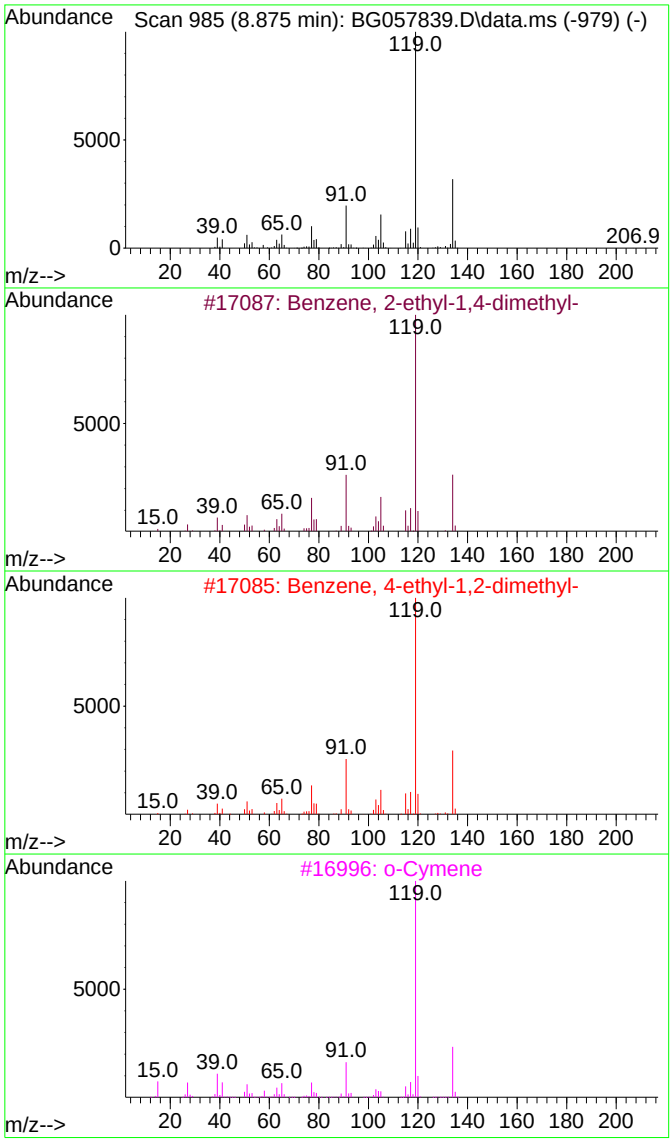
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

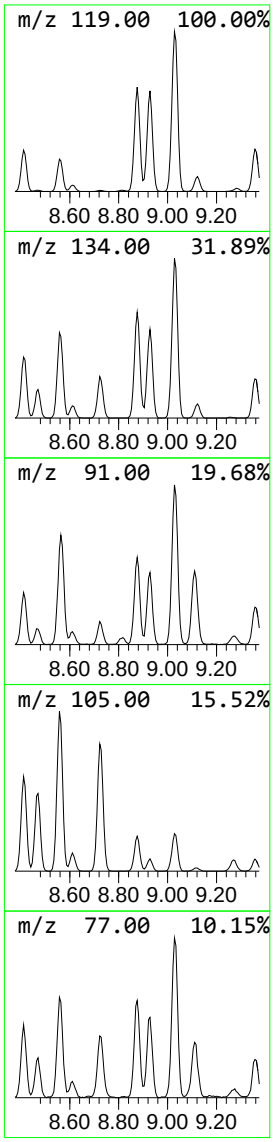
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	105.61 ng	1252660	1,4-Dichlorobenzene-d4	7.923

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	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

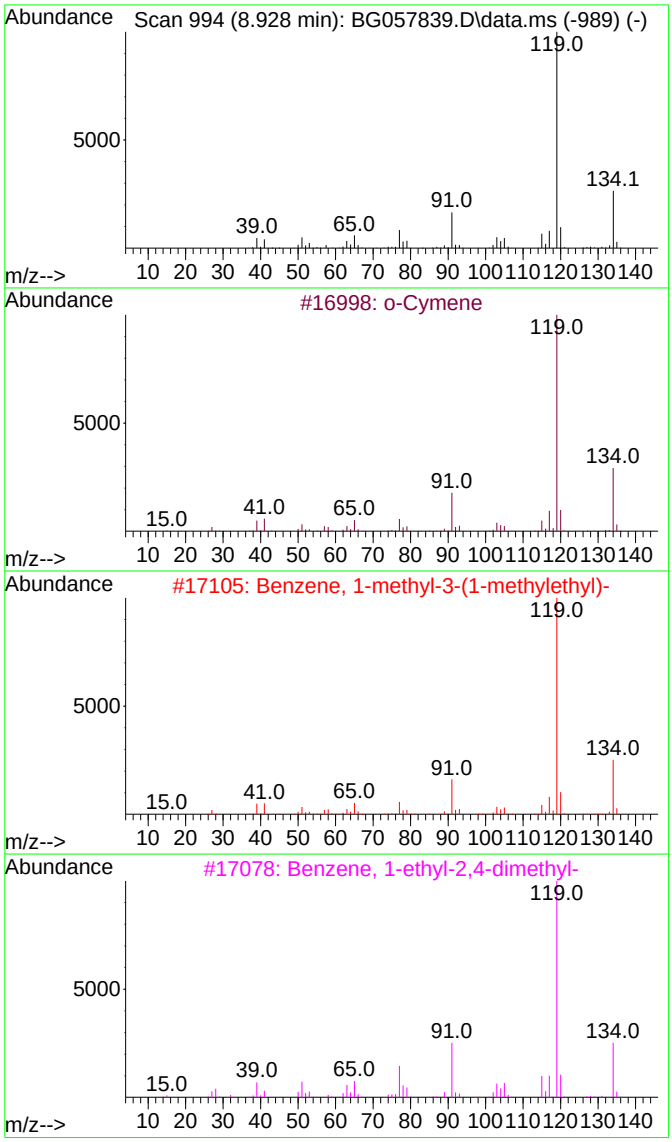
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

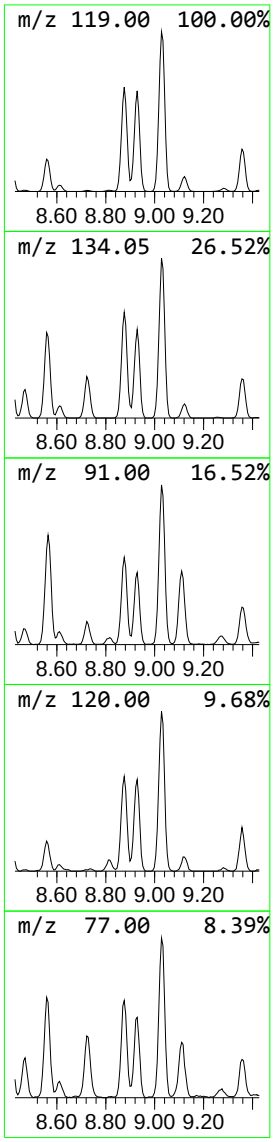
****

Peak Number 18 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	87.57 ng	1038710	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

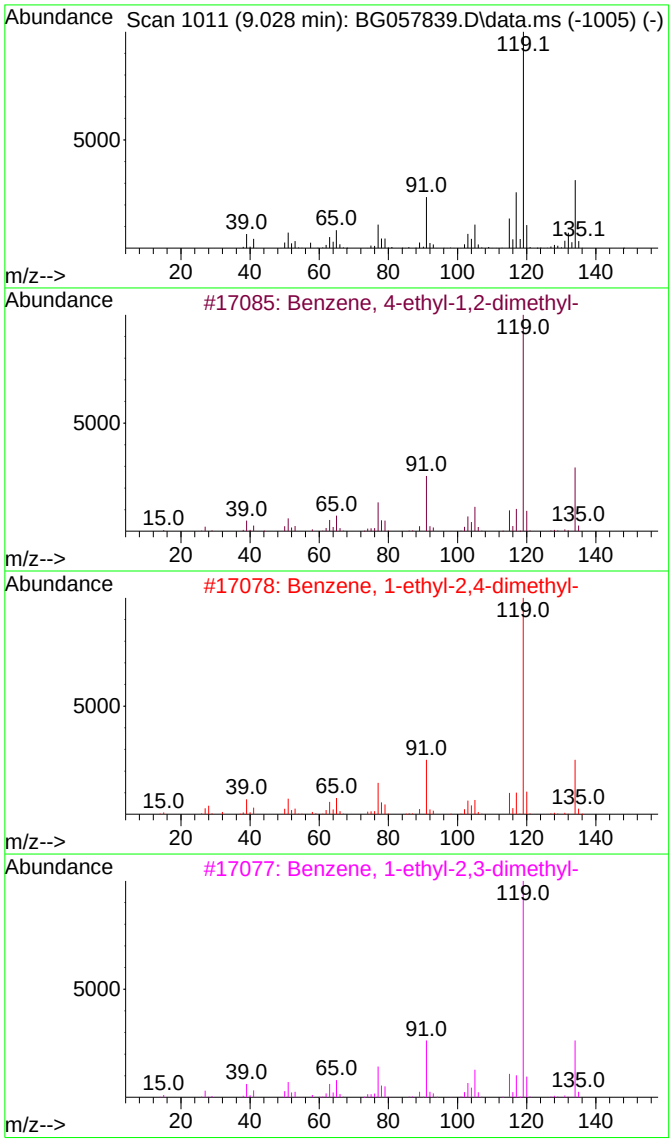
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

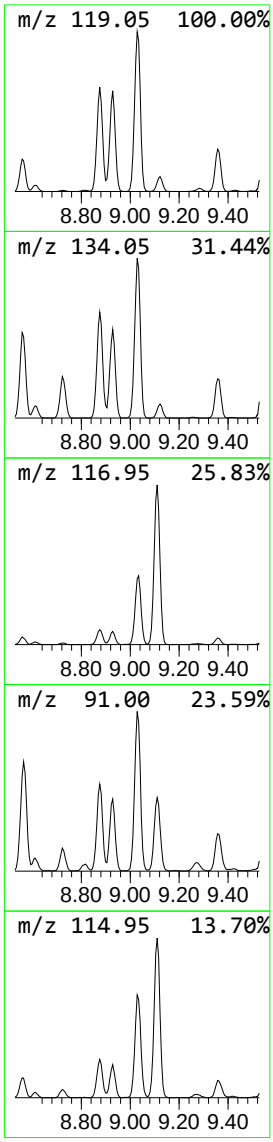
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	203.54 ng	2414220	1,4-Dichlorobenzene-d4	7.923

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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

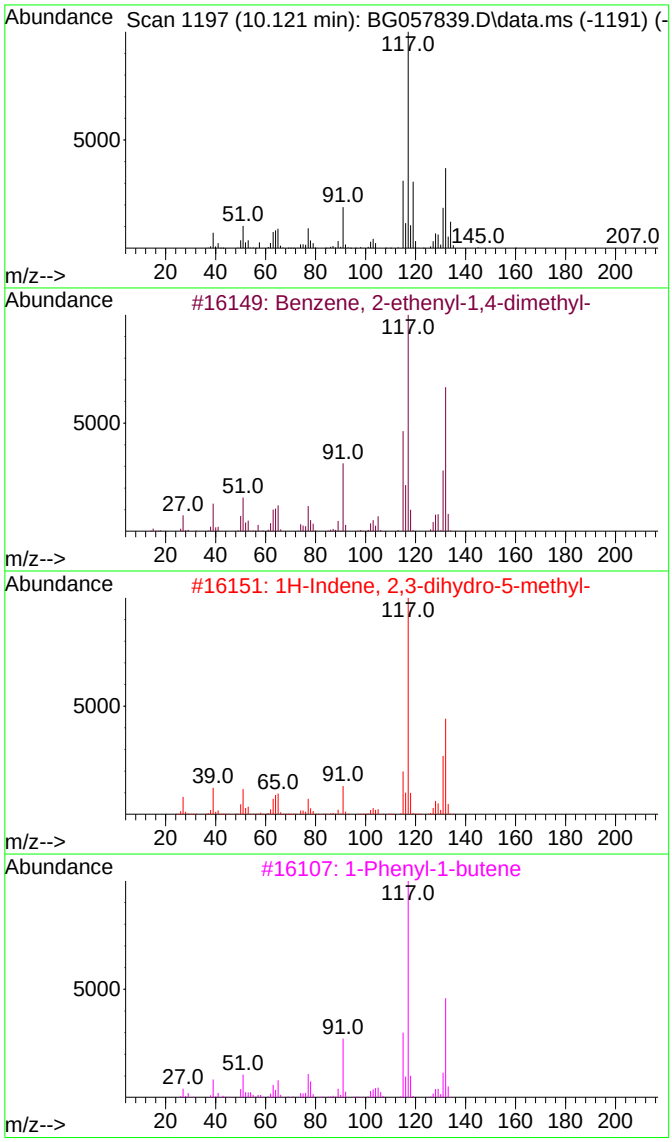
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

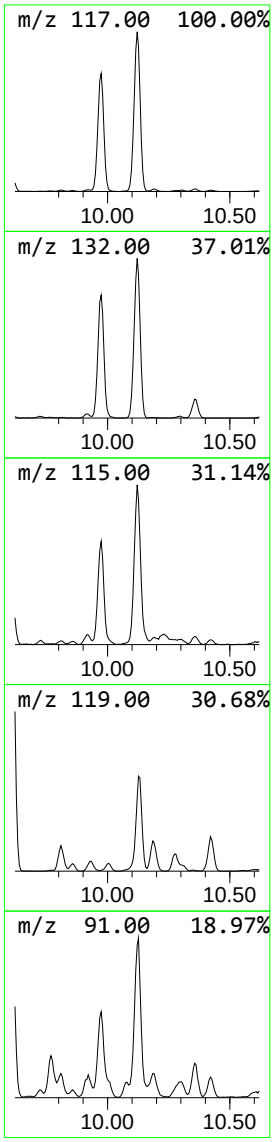
****

Peak Number 20 1-Phenyl-1-butene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.121	38.56 ng	2363460	Naphthalene-d8	10.726

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
Data File : BG057839.D
Acq On : 23 Jun 2023 12:41
Operator : CG/JU
Sample : 03291-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.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
Benzene, propyl-	6.901	138.3	ng	1639830	1	7.923	237226	20.0
Benzene, 1-ethy...	7.007	130.4	ng	1547180	1	7.923	237226	20.0
Benzene, 1,2,3-...	7.142	54.9	ng	650723	1	7.923	237226	20.0
Benzene, 1-ethy...	7.312	188.5	ng	2235340	1	7.923	237226	20.0
Mesitylene	7.577	563.6	ng	6684610	1	7.923	237226	20.0
Benzene, 1-ethy...	8.035	191.3	ng	2268570	1	7.923	237226	20.0
Indane	8.299	127.6	ng	1513610	1	7.923	237226	20.0
Benzene, 1-ethy...	8.411	68.0	ng	806948	1	7.923	237226	20.0
Benzene, 1-meth...	8.464	34.6	ng	410892	1	7.923	237226	20.0
Benzene, 1,3-di...	8.558	102.9	ng	1220810	1	7.923	237226	20.0
Benzene, 1-meth...	8.722	47.0	ng	558008	1	7.923	237226	20.0
Benzene, 2-ethy...	8.875	105.6	ng	1252660	1	7.923	237226	20.0
o-Cymene	8.928	87.6	ng	1038710	1	7.923	237226	20.0
Benzene, 4-ethy...	9.028	203.5	ng	2414220	1	7.923	237226	20.0
1-Phenyl-1-butene	10.121	38.6	ng	2363460	2	10.726	1225780	20.0