LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-38

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053672.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.740	55	60	69	rVB	70858	121073	3.01%	0.260%
2	3.999	97	104	109	rBV4	34144	62351	1.55%	0.134%
3	4.222	135	142	146	rBV	174492	282230	7.02%	0.606%
4	4.463	176	183	188	rBV2	37721	70221	1.75%	0.151%
5	4.527	189	194	206	rVB4	39837	109035	2.71%	0.234%
6	5.555	361	369	376	rBV	873942	1399158	34.82%	3.007%
7	5.632	376	382	386	rVV	292954	480635	11.96%	1.033%
8	5.708	386	395	408	rVB	1678619	4018745	100.00%	8.636%
9	6.061	446	455	465	rBV	1338837	2223716	55.33%	4.779%
10	6.536	528	536	547	rBV	158651	271927	6.77%	0.584%
11	7.030	615	620	626	rBV	49817	85145	2.12%	0.183%
12	7.141	631	639	644	rBV	565496	909473	22.63%	1.954%
13	7.200	644	649	653	rBV	559292	932518	23.20%	2.004%
14	7.277	658	662	674	rVB	461810	775547	19.30%	1.667%
15	7.447	683	691	698	rBV	611322	1013507	25.22%	2.178%
16	7.711	728	736	744	rVB	2216306	3842481	95.61%	8.257%
17	8.058	788	795	799	rVV	107899	197459	4.91%	0.424%
18	8.093	799	801	806	rVV	37485	54822	1.36%	0.118%
19	8.175	806	815	823	rVV	912558	1575711	39.21%	3.386%
20	8.246	823	827	836	rVV5	16654	44212	1.10%	0.095%
21	8.334	836	842	844	rVV	44186	73608	1.83%	0.158%
22	8.363	844	847	852	rVV3	46904	93918	2.34%	0.202%
23	8.434	852	859	867	rVV	873927	1535372	38.21%	3.299%
24	8.545	869	878	883	rVV	125697	231347	5.76%	0.497%
25	8.604	883	888	896	rVB2	158386	278502	6.93%	0.598%
26	8.698	896	904	909	rBV	245031	418910	10.42%	0.900%
27	8.751	909	913	918	rVB	34333	56768	1.41%	0.122%
28	8.863	923	932	943	rBV	97468	174223	4.34%	0.374%
29	9.015	951	958	962	rBV	161301	271280	6.75%	0.583%
30	9.068	962	967	971	rBV	128887	256301	6.38%	0.551%
31	9.168	978	984	988	rBV	399744	729928	18.16%	1.569%
32	9.227	989	994	1010	rVB2	538141	1518355	37.78%	3.263%
33	9.415	1018	1026	1033	rBV5	21448	56315	1.40%	0.121%
34	9.497	1034	1040	1047	rBV2	93020	169213	4.21%	0.364%
35	9.691	1067	1073	1078	rBV	220286	353571	8.80%	0.760%
36	9.750	1078	1083	1090	rVB	255107	418685	10.42%	0.900%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-38

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.838	1090	1098	1108	rBV	238787	490797	12.21%	1.055%
38	9.949	1108	1117	1121	rBV5	23661	60800	1.51%	0.131%
39	10.061	1129	1136	1140	rBV6	50385	119831	2.98%	0.258%
40	10.114	1140	1145	1156	rVB	234358	447183	11.13%	0.961%
41	10.267	1156	1171	1178	rBV2	554634	1122800	27.94%	2.413%
42	10.443	1195	1201	1205	rVB6	27075	52809	1.31%	0.113%
43	10.502	1205	1211	1217	rVV2	117188	205836	5.12%	0.442%
44	10.566	1217	1222	1227	rVB	36187	63390	1.58%	0.136%
45	10.866	1262	1273	1277	rVV2	151688	424979	10.57%	0.913%
46	10.925	1277	1283	1289	rVV	1112280	2060327	51.27%	4.428%
47	10.977	1289	1292	1298	rVV	57688	91843	2.29%	0.197%
48	11.036	1298	1302	1307	rVV	28874	53068	1.32%	0.114%
49	11.148	1316	1321	1331	rBV3	30261	63124	1.57%	0.136%
50	11.336	1343	1353	1359	rBV8	28124	63965	1.59%	0.137%
51	11.453	1367	1373	1375	rBV3	31922	53319	1.33%	0.115%
52	11.530	1382	1386	1392	rVB2	48906	80005	1.99%	0.172%
53	11.776	1423	1428	1435	rVB	60596	114440	2.85%	0.246%
54	11.970	1454	1461	1468	rBV2	61921	127855	3.18%	0.275%
55	12.052	1470	1475	1483	rVB	64623	120104	2.99%	0.258%
56	12.246	1502	1508	1516	rVB3	72159	135088	3.36%	0.290%
57	12.411	1528	1536	1543	rVB4	60880	120539	3.00%	0.259%
58	12.522	1543	1555	1561	rBV	718927	1262241	31.41%	2.712%
59	12.575	1561	1564	1569	rVB3	54613	84889	2.11%	0.182%
60	12.740	1582	1592	1600	rBV2	708986	1324444	32.96%	2.846%
61	12.810	1600	1604	1606	rBV2	46294	73540	1.83%	0.158%
62	12.887	1613	1617	1631	rVB6	57729	153424	3.82%	0.330%
63	13.033	1638	1642	1647	rVB3	27534	46317	1.15%	0.100%
64	13.151	1657	1662	1670	rVB2	85719	155966	3.88%	0.335%
65	13.310	1679	1689	1696	rVB	1216931	1940124	48.28%	4.169%
66	13.498	1713	1721	1722	rBV3	58213	85945	2.14%	0.185%
67	13.521	1723	1725	1729	rVB	57728	71464	1.78%	0.154%
68	13.650	1739	1747	1754	rBV3	63242	131756	3.28%	0.283%
69	13.721	1754	1759	1771	rVB2	95530	221495	5.51%	0.476%
70	13.821	1771	1776	1778	rBV	67773	114890	2.86%	0.247%
71	13.862	1778	1783	1789	rVB3	188724	435708	10.84%	0.936%
72	13.944	1794	1797	1801	rVV5	38267	75848	1.89%	0.163%
73	14.009	1801	1808	1813	rVV	269967	545142	13.56%	1.171%
74	14.061	1813	1817	1827	rVB	197440	369571	9.20%	0.794%
75	14.244	1843	1848	1852	rBV	94384	153124	3.81%	0.329%
76	14.279	1852	1854	1859	rVB3	51966	62437	1.55%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.338	1860	1864	1872	rBV8	27728	59592	1.48%	0.128%
78	14.408	1872	1876	1881	rVB2	56406	90107	2.24%	0.194%
79	14.467	1881	1886	1889	rBV2	37225	59084	1.47%	0.127%
80	14.526	1892	1896	1907	rVB	87327	178210	4.43%	0.383%
81	14.690	1913	1924	1930	rBV2	266304	543244	13.52%	1.167%
82	14.755	1931	1935	1941	rVB4	32903	65614	1.63%	0.141%
83	14.896	1955	1959	1968	rVB3	39135	106402	2.65%	0.229%
84	15.084	1985	1991	1997	rBV2	61559	99890	2.49%	0.215%
85	15.160	1999	2004	2007	rBV	43670	59601	1.48%	0.128%
86	15.201	2007	2011	2023	rVB3	39511	78158	1.94%	0.168%
87	15.307	2023	2029	2033	rBV2	51973	92811	2.31%	0.199%
88	15.477	2052	2058	2060	rBV6	22001	46616	1.16%	0.100%
89	15.507	2060	2063	2070	rVB6	34024	52220	1.30%	0.112%
90	15.730	2096	2101	2112	rBV4	50455	108167	2.69%	0.232%
91	15.853	2118	2122	2127	rBV2	32517	60519	1.51%	0.130%
92	16.182	2171	2178	2185	rBV	1081778	1660048	41.31%	3.567%
93	17.433	2385	2391	2396	rBV	340807	516600	12.85%	1.110%
94	17.474	2396	2398	2403	rVB	37708	49139	1.22%	0.106%
95	17.839	2456	2460	2466	rVB2	28563	46207	1.15%	0.099%
96	18.320	2537	2542	2546	rBV4	62497	107434	2.67%	0.231%
97	19.583	2754	2757	2763	rBV3	44341	63756	1.59%	0.137%
98	20.042	2829	2835	2841	rVB	2055608	2767463	68.86%	5.947%
99	21.710	3113	3119	3126	rVB2	335276	560602	13.95%	1.205%
100	24.976	3666	3675	3689	rVB2	187591	576565	14.35%	1.239%

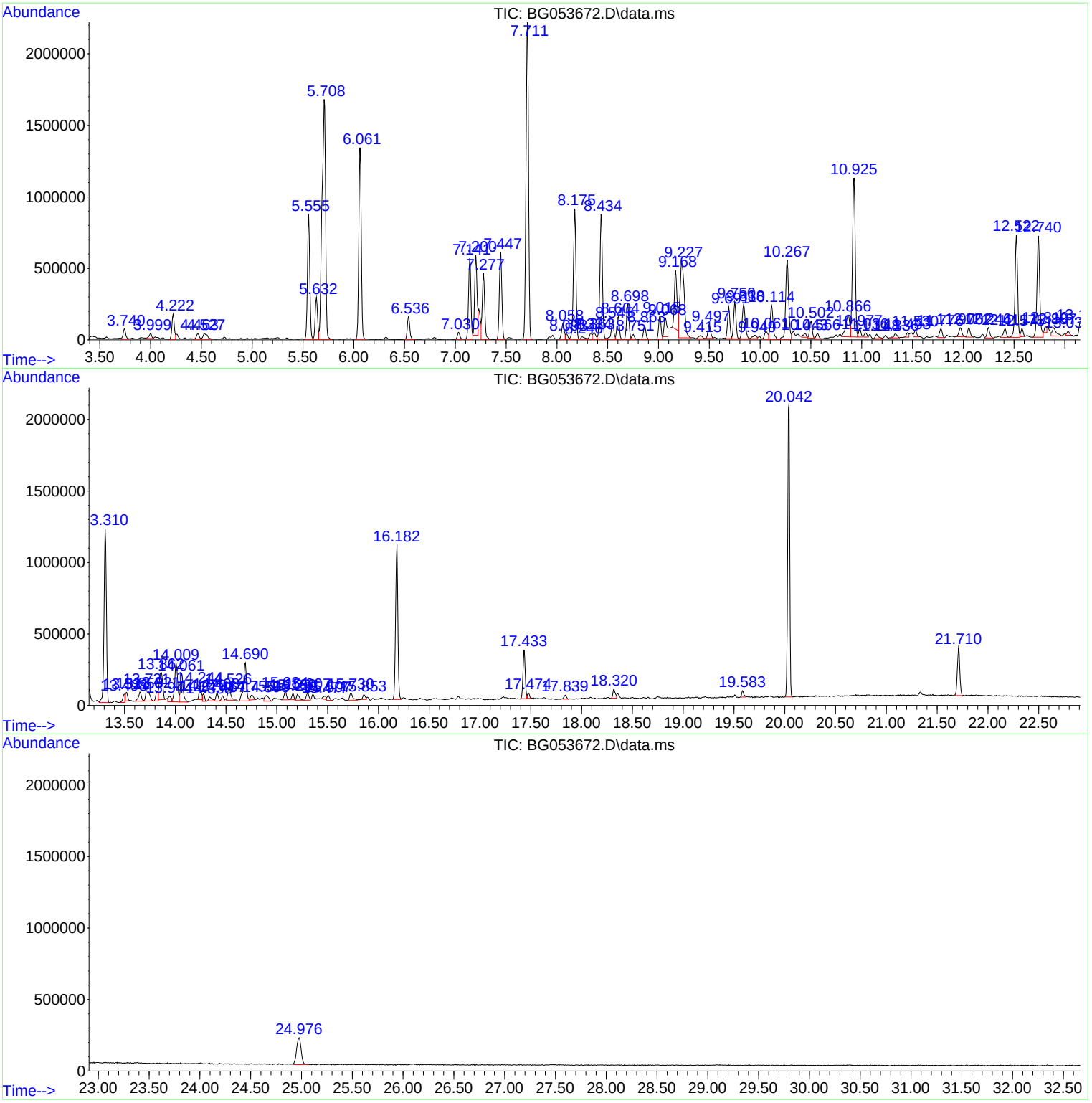
Sum of corrected areas: 46534738

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

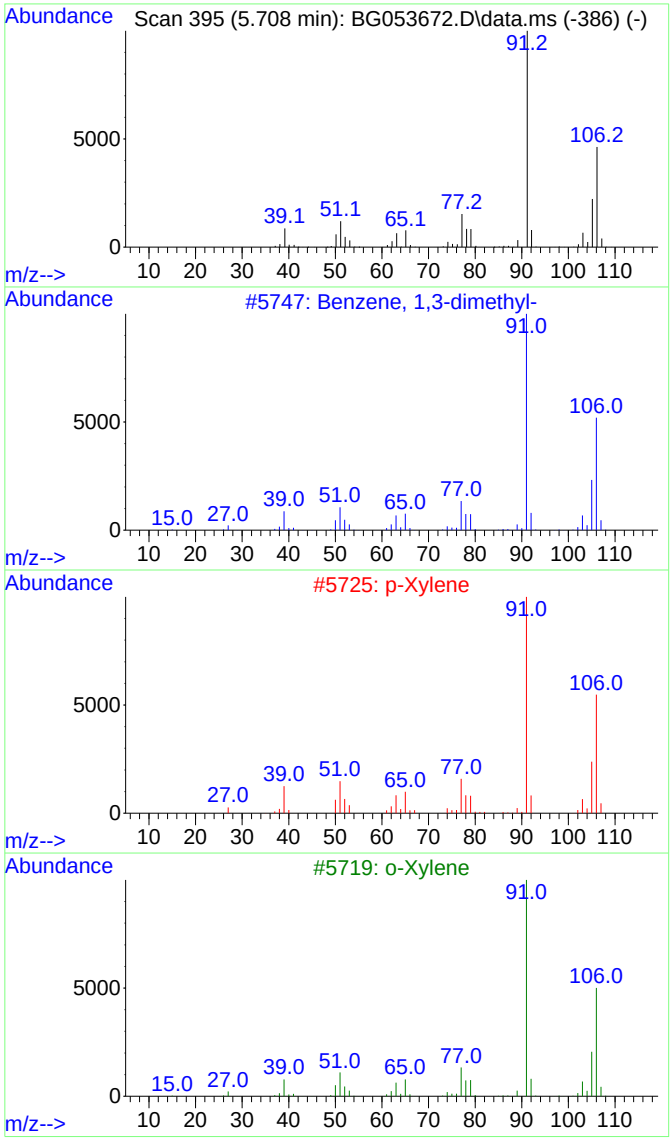
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

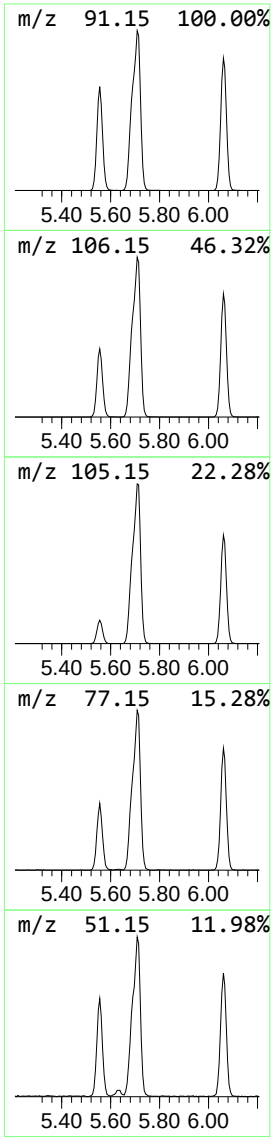
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.708	407.05 ng	4018750	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

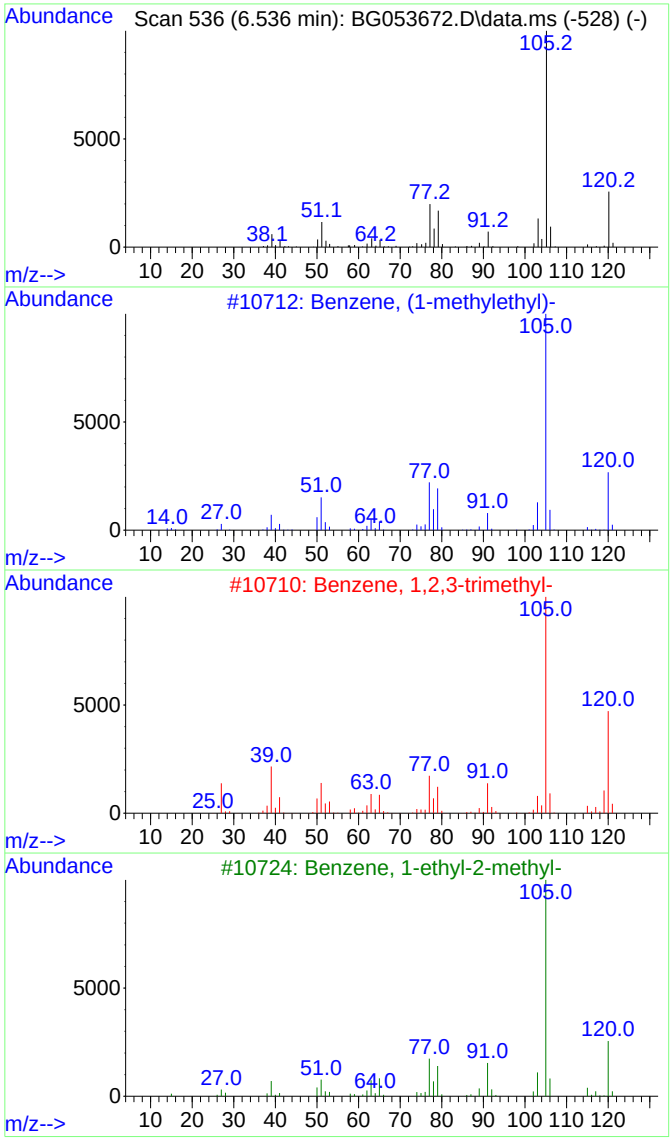
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

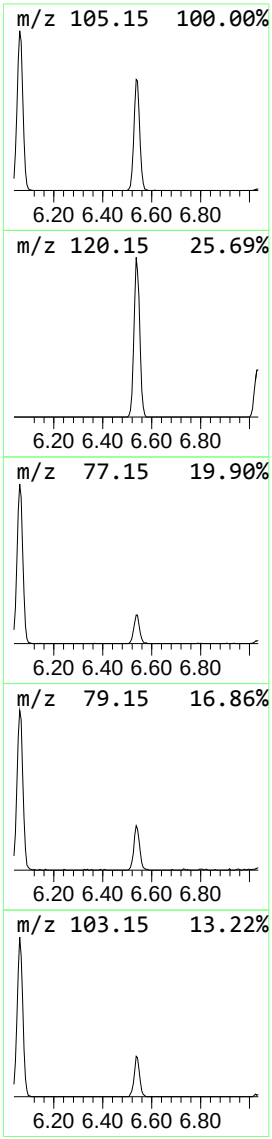
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.536	27.54 ng	271927	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	96
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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72
5	2,4-Nonadiyne	120	C9H12	063621-15-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

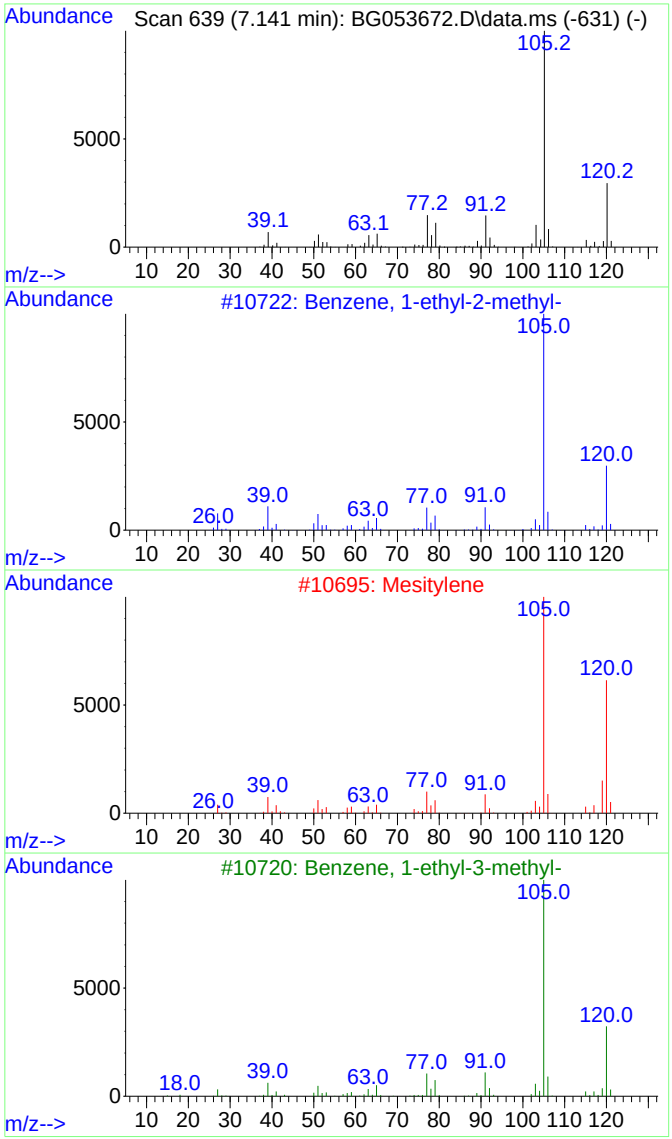
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

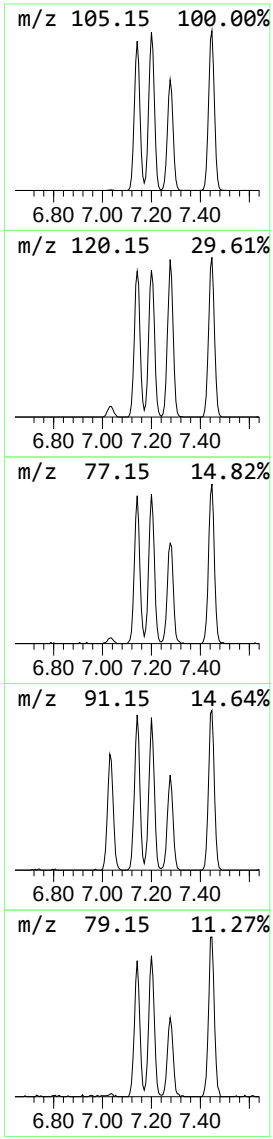
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.141	92.12 ng	909473	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

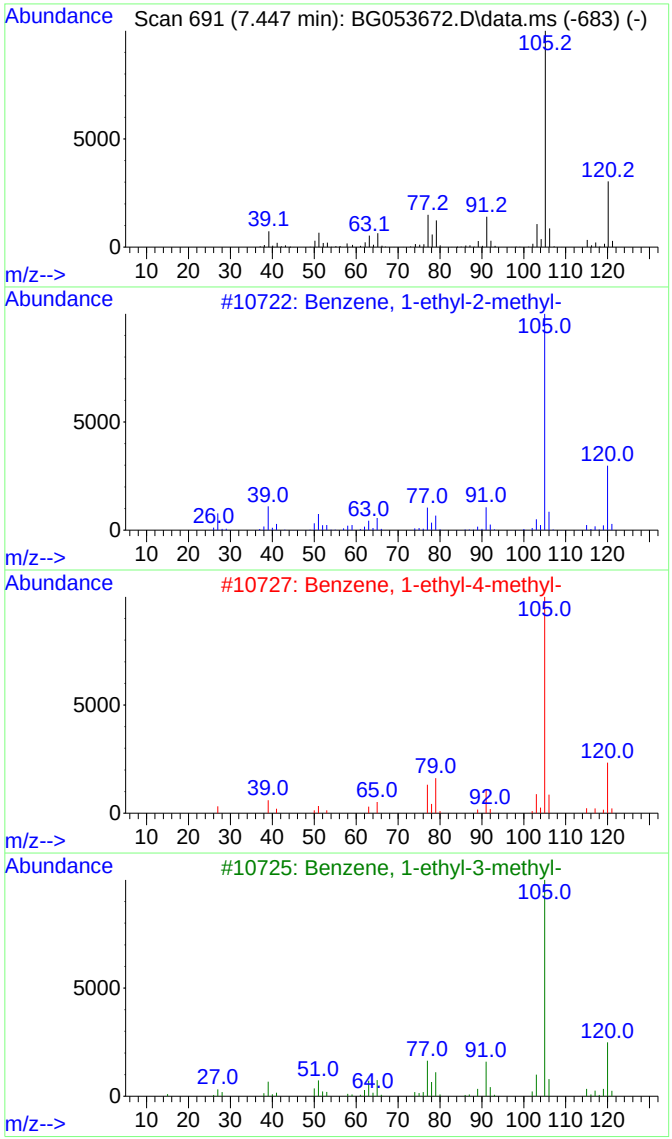
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

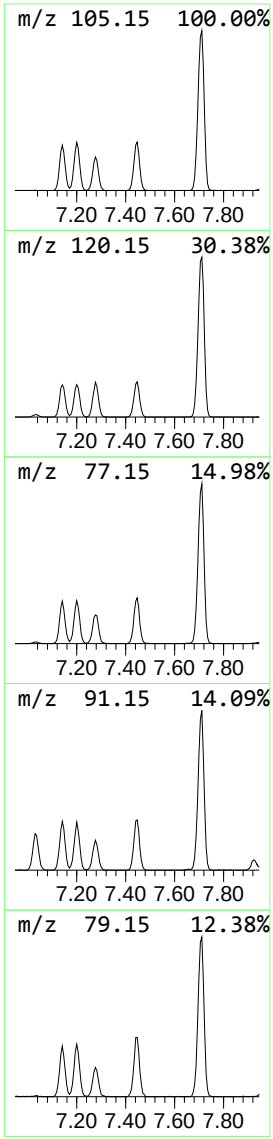
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.447	102.66 ng	1013510	1,4-Dichlorobenzene-d4	8.058

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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

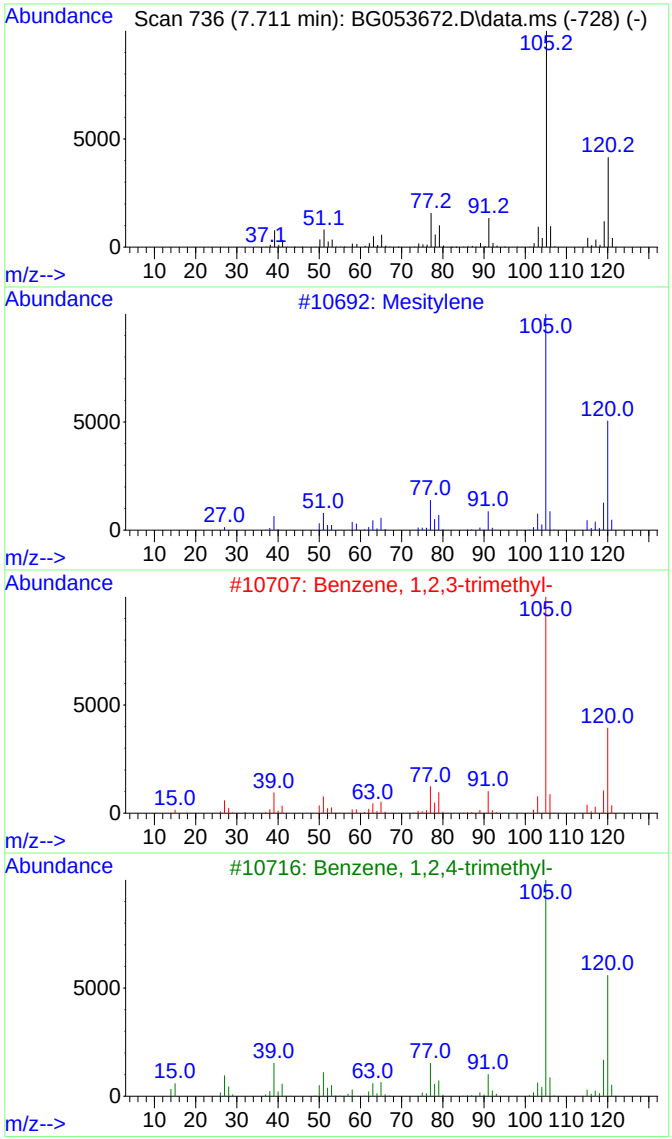
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

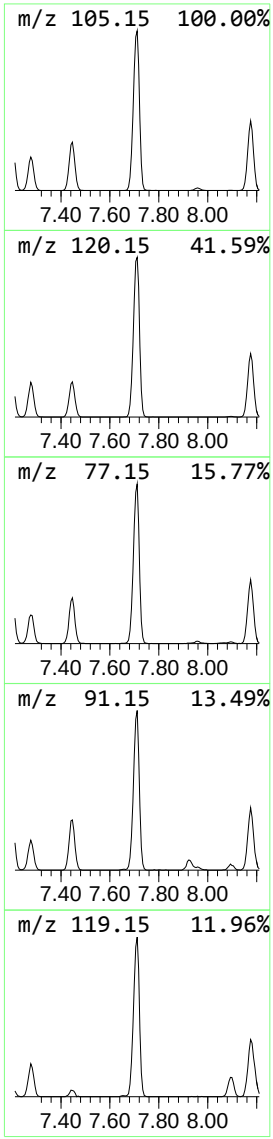
****

Peak Number 8 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.711	389.19 ng	3842480	1,4-Dichlorobenzene-d4	8.058

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-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

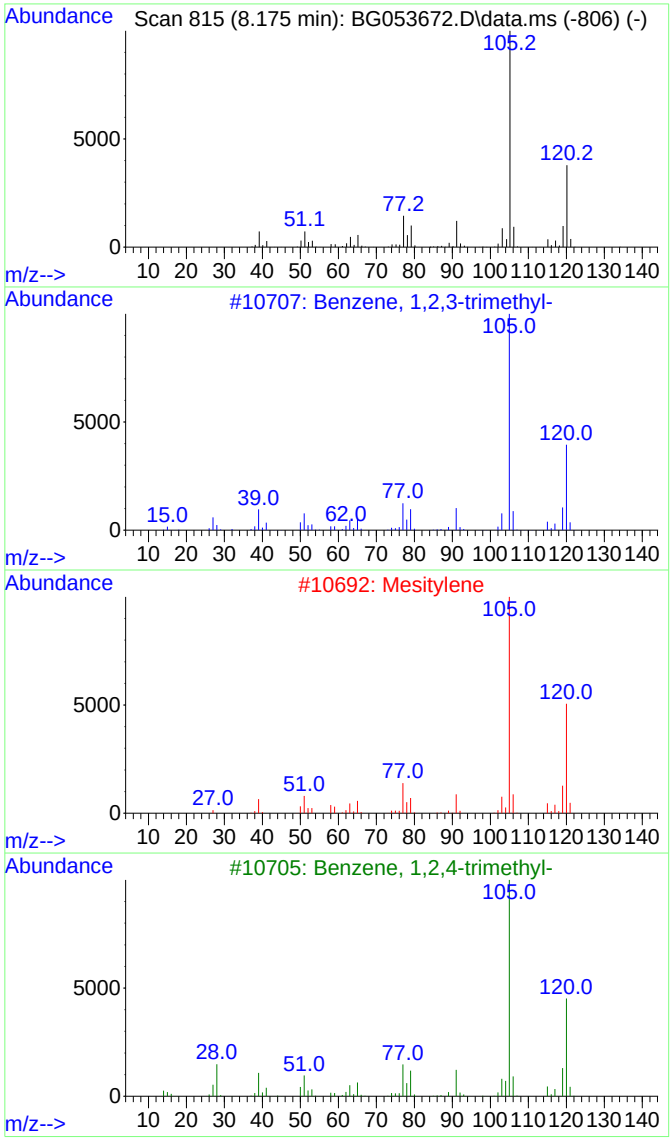
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

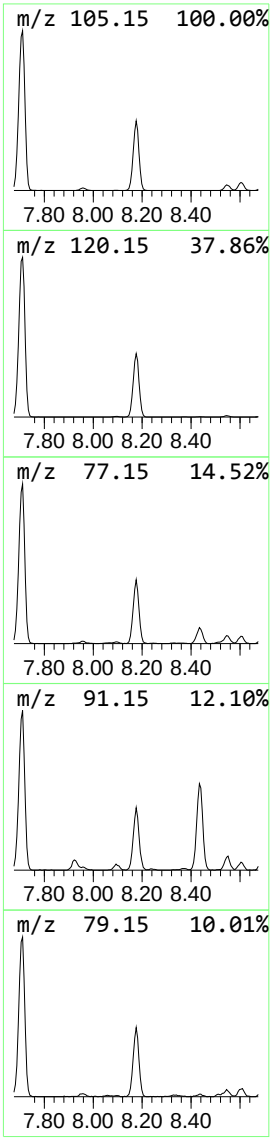
****

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.175	159.60 ng	1575710	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





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Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

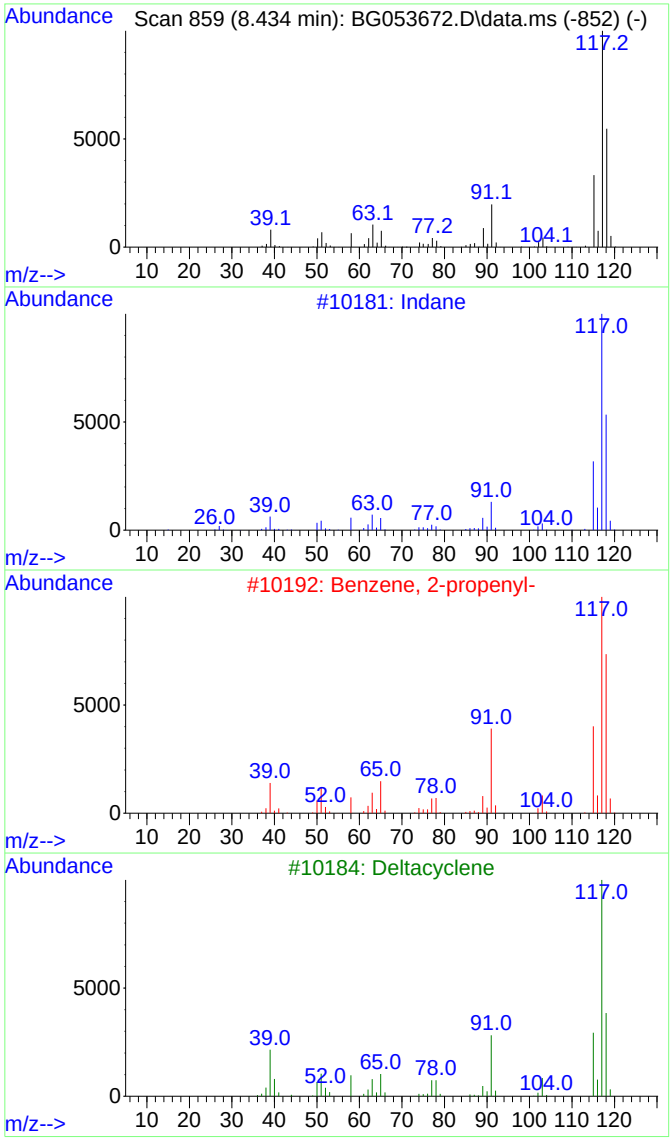
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

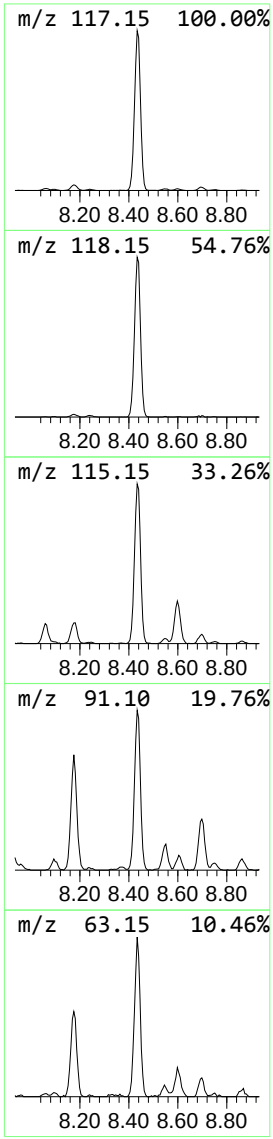
****

Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.434	155.51 ng	1535370	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

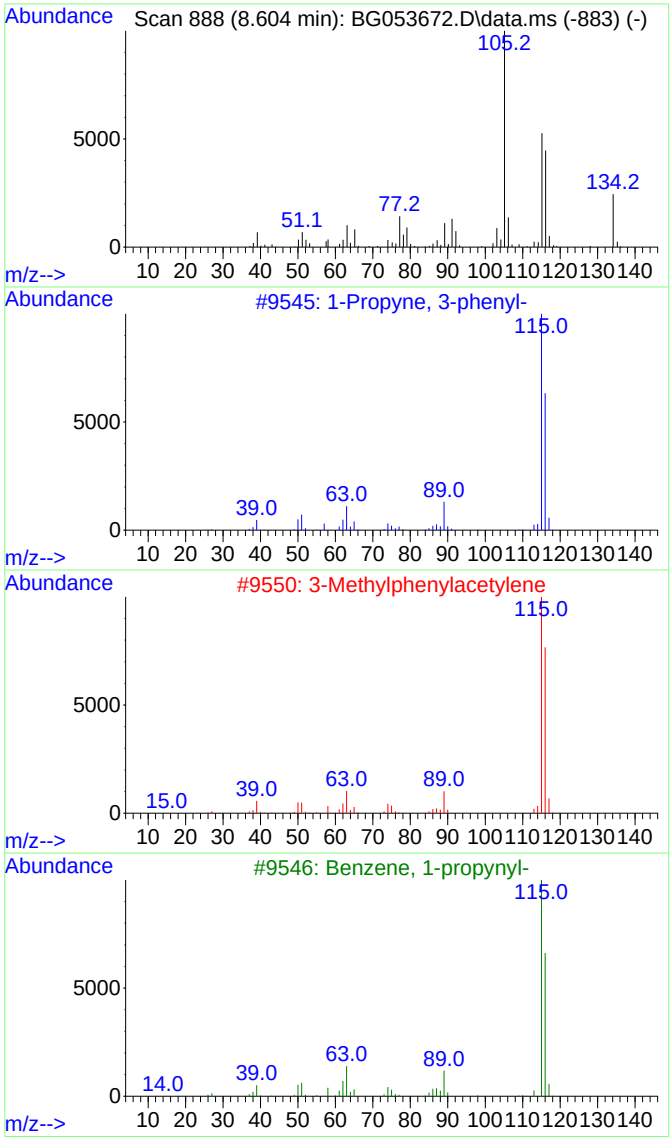
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

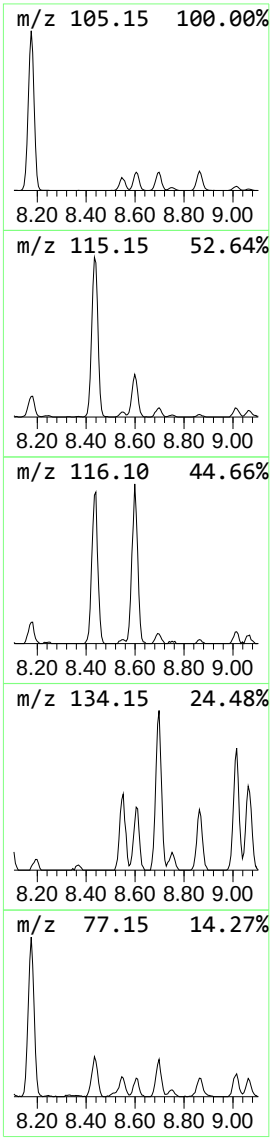
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Propyne, 3-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	28.21 ng	278502	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	60
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	60
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	49
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	46
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42





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Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

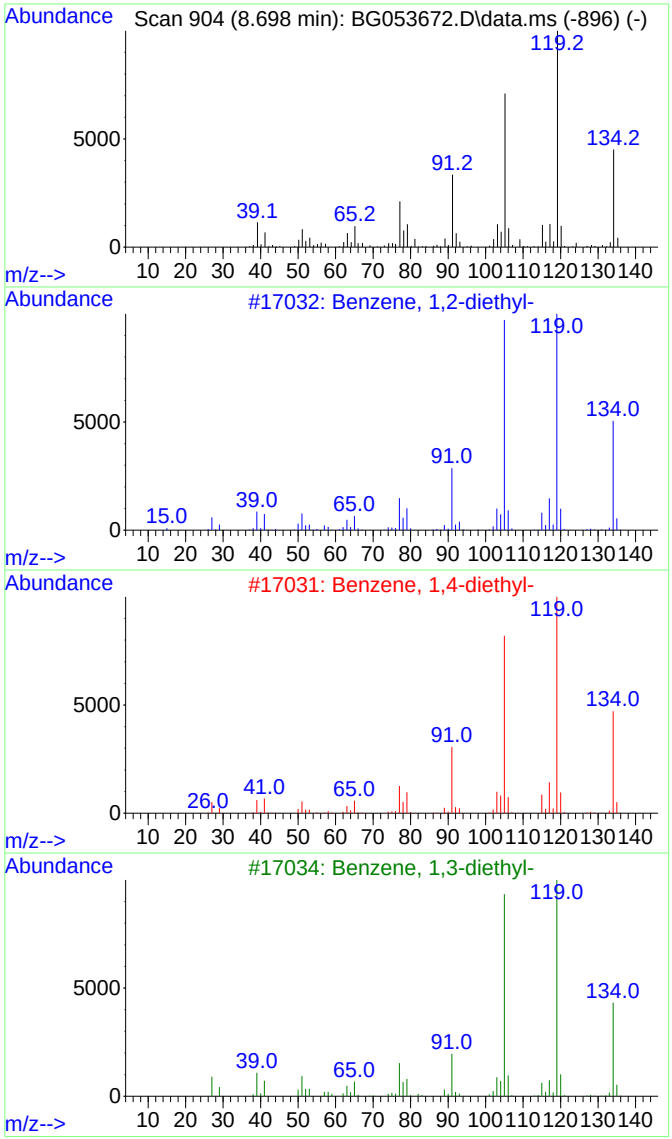
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

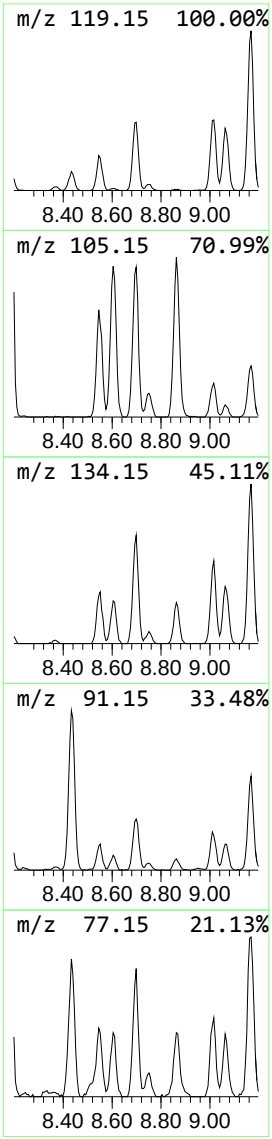
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	42.43 ng	418910	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





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Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

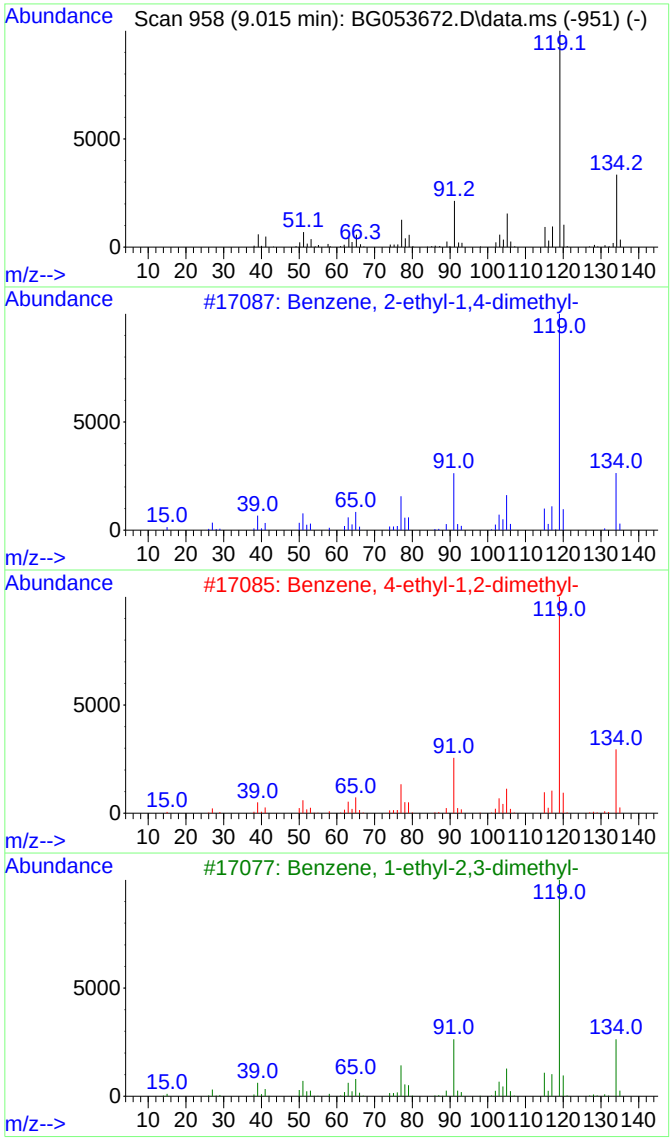
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

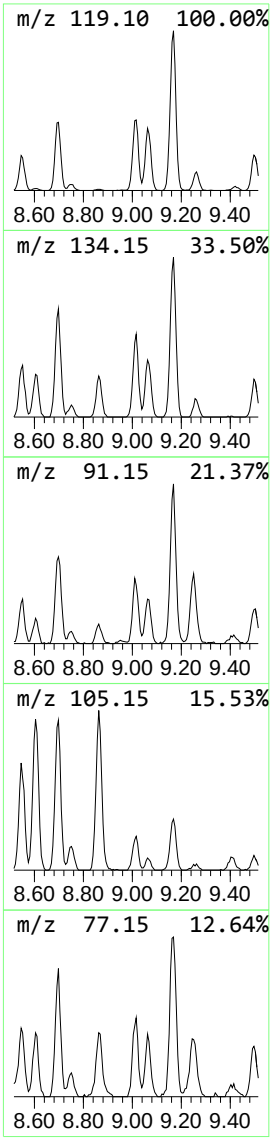
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.015	27.48 ng	271280	1,4-Dichlorobenzene-d4	8.058

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	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	94





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Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

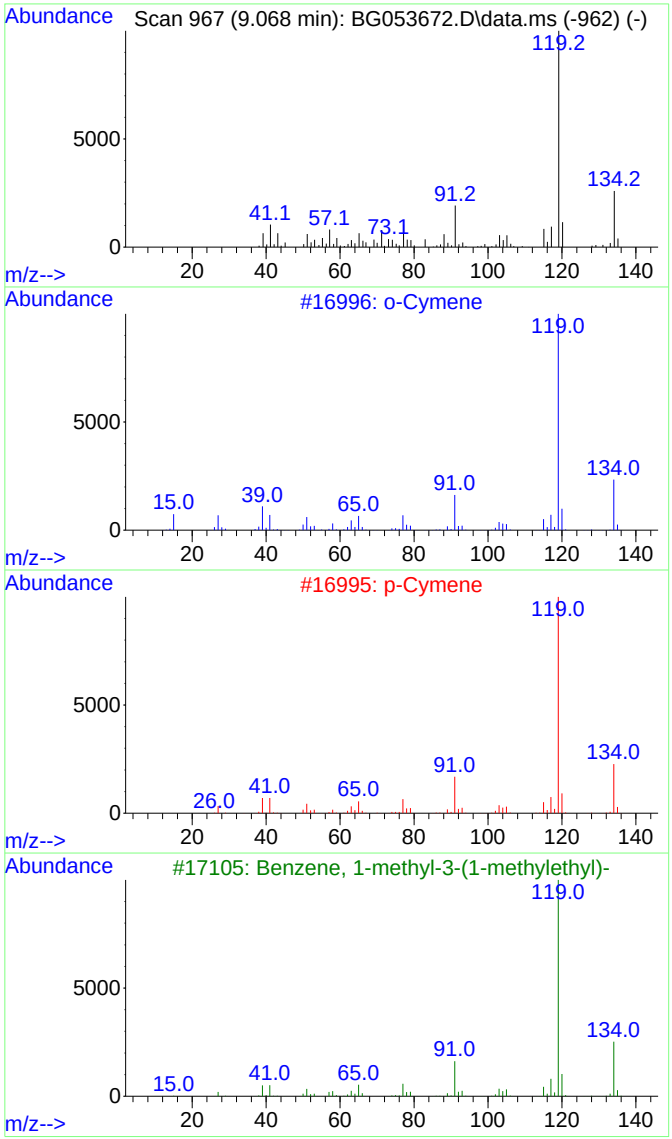
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

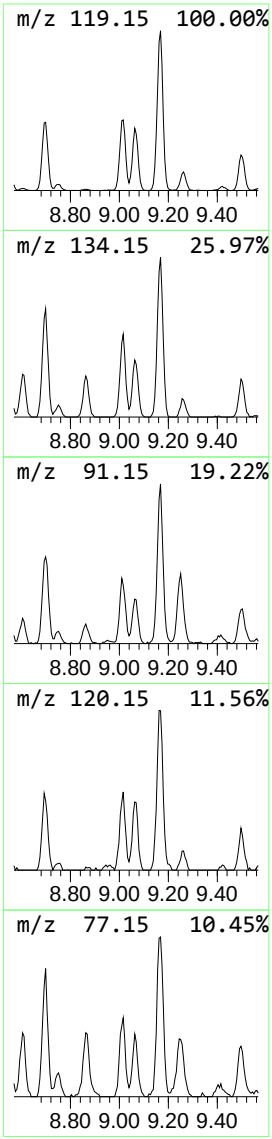
****

Peak Number 14 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.068	25.96 ng	256301	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	93
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





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Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

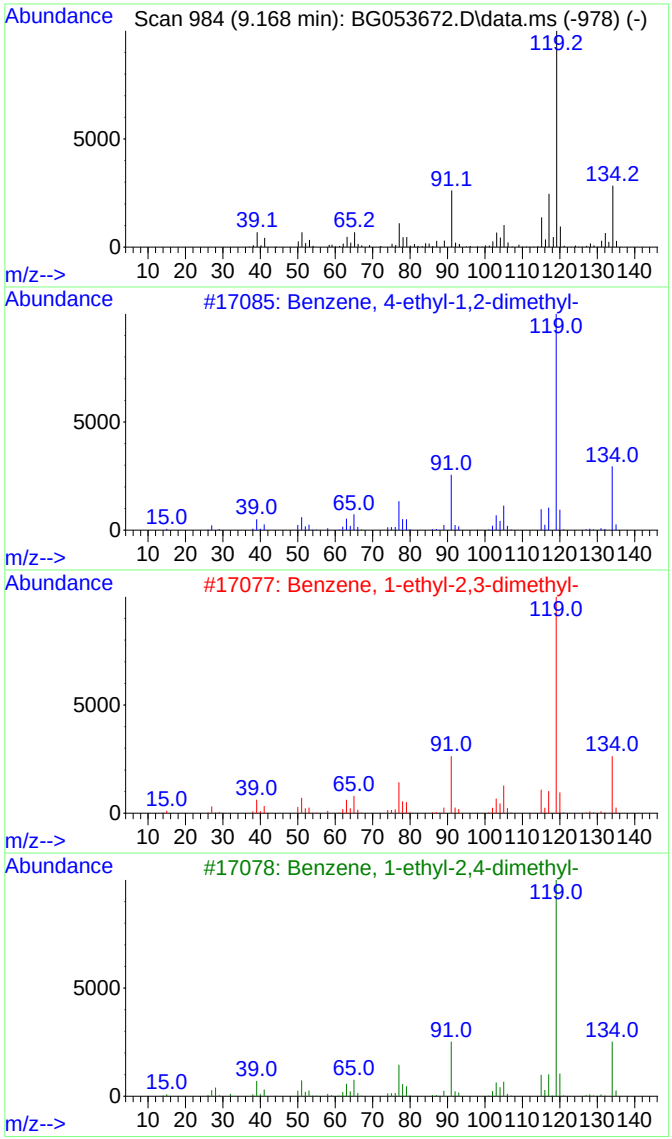
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

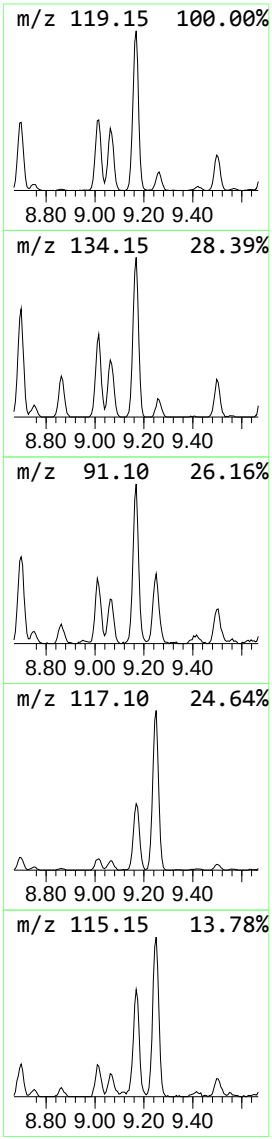
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.168	73.93 ng	729928	1,4-Dichlorobenzene-d4	8.058

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-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-38

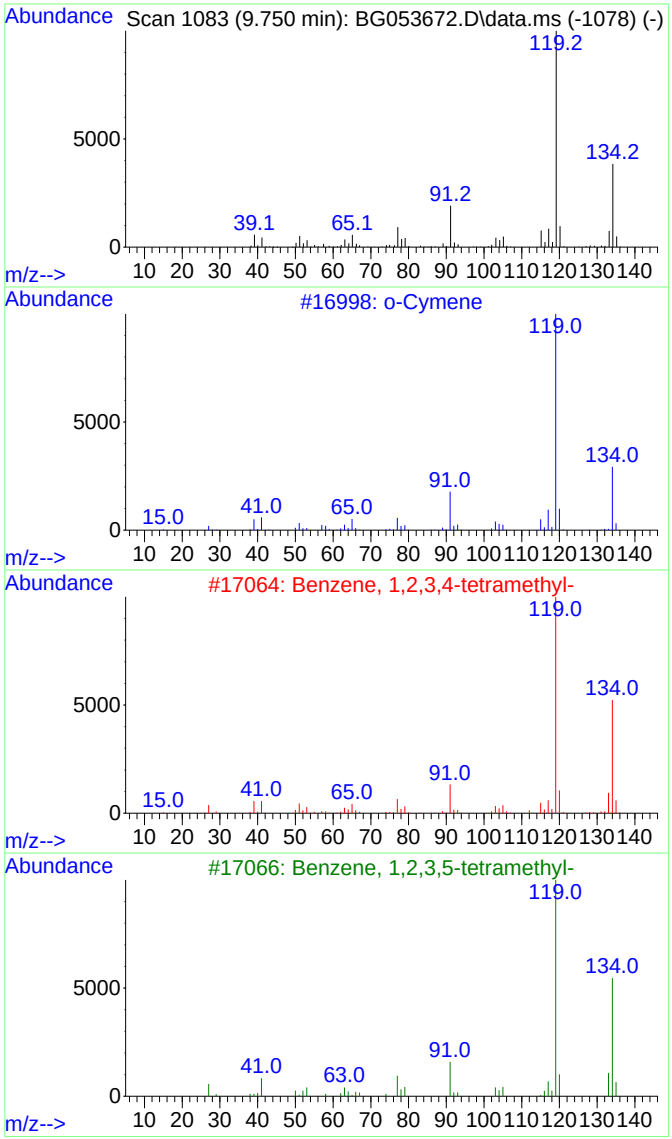
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

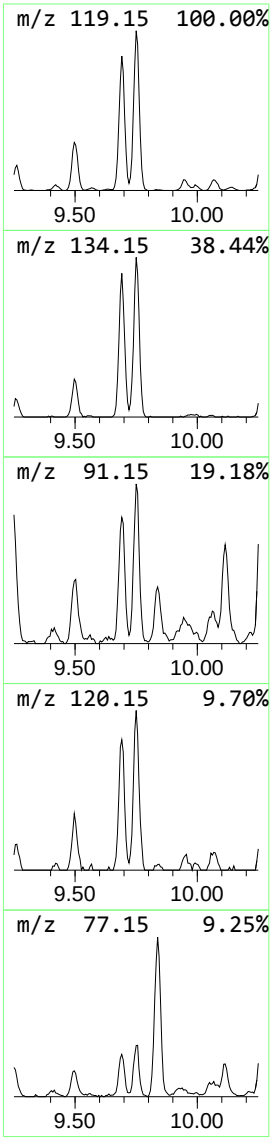
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.750	19.70 ng	418685	Naphthalene-d8	10.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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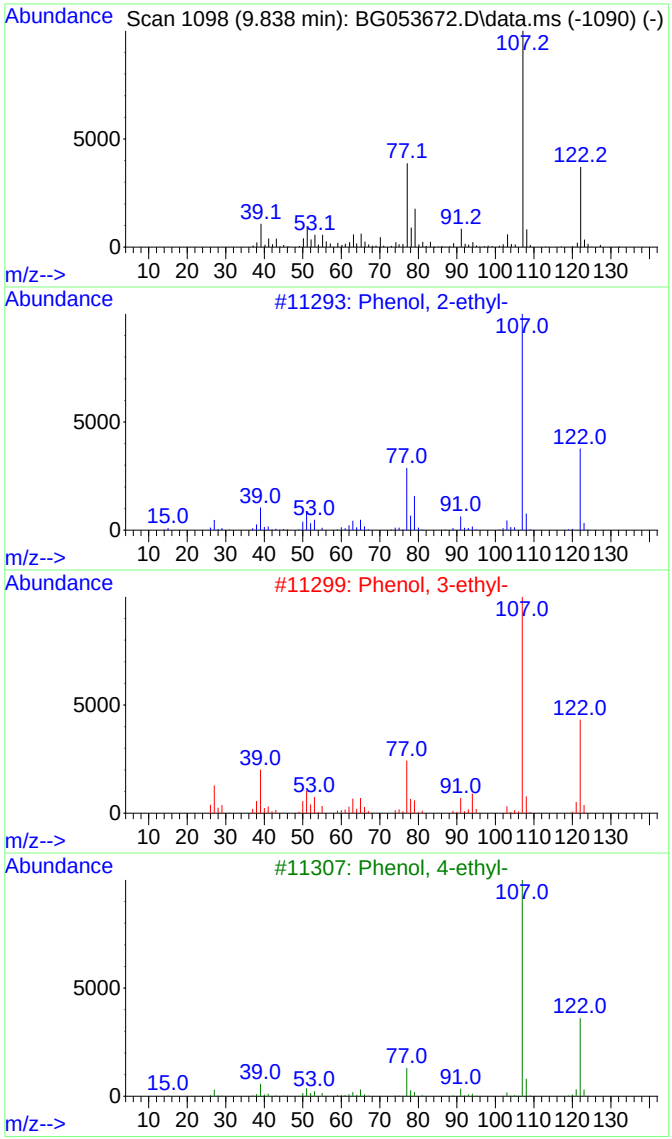
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

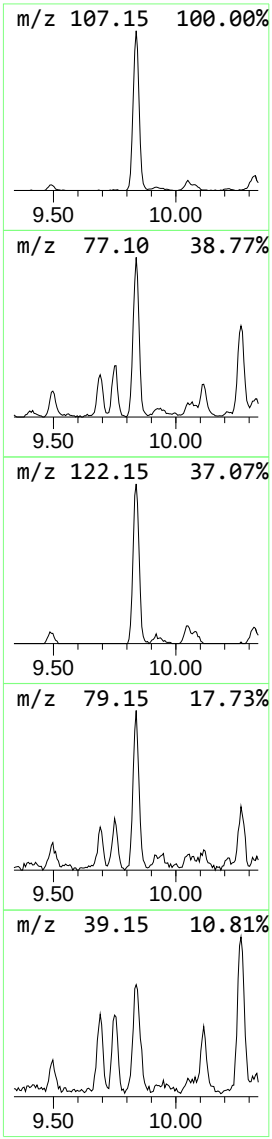
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.838	23.10 ng	490797	Naphthalene-d8	10.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	86
5	1,3-Cyclopentadiene, 5,5-dimethy...	122	C9H14	1000162-25-7	52





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Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

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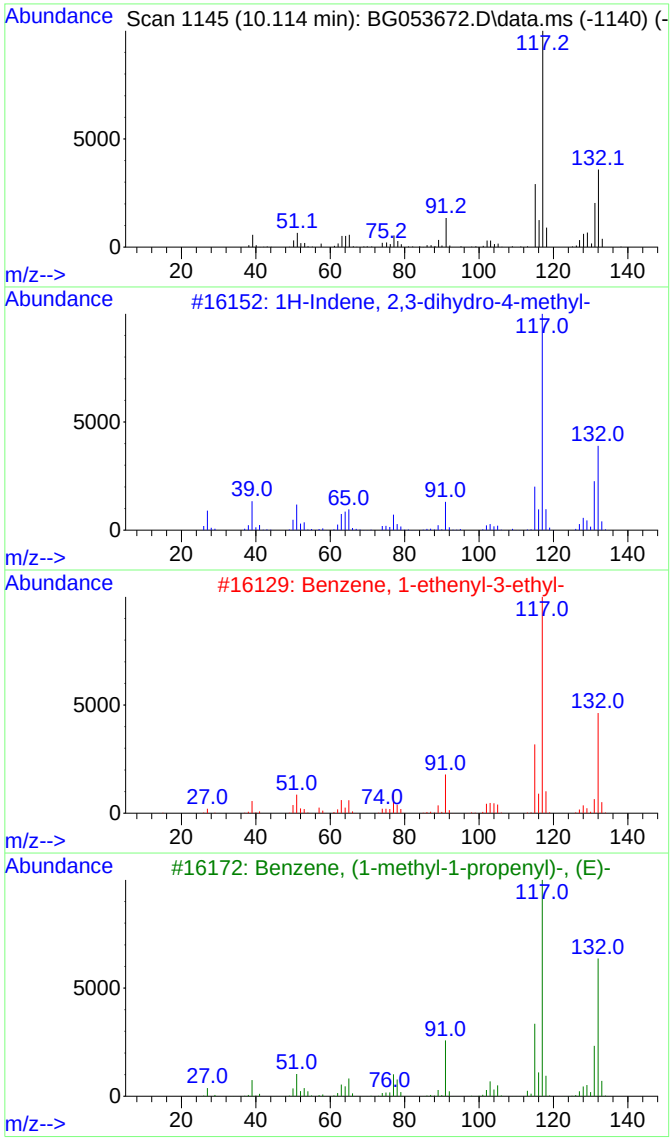
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

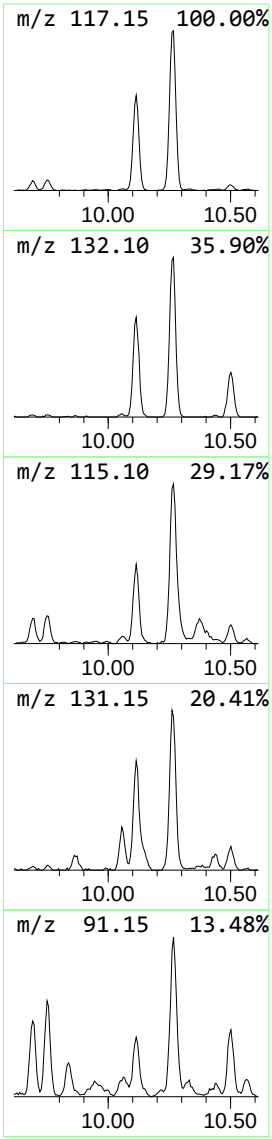
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.114	21.04 ng	447183	Naphthalene-d8	10.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





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ALS Vial : 14 Sample Multiplier: 1

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

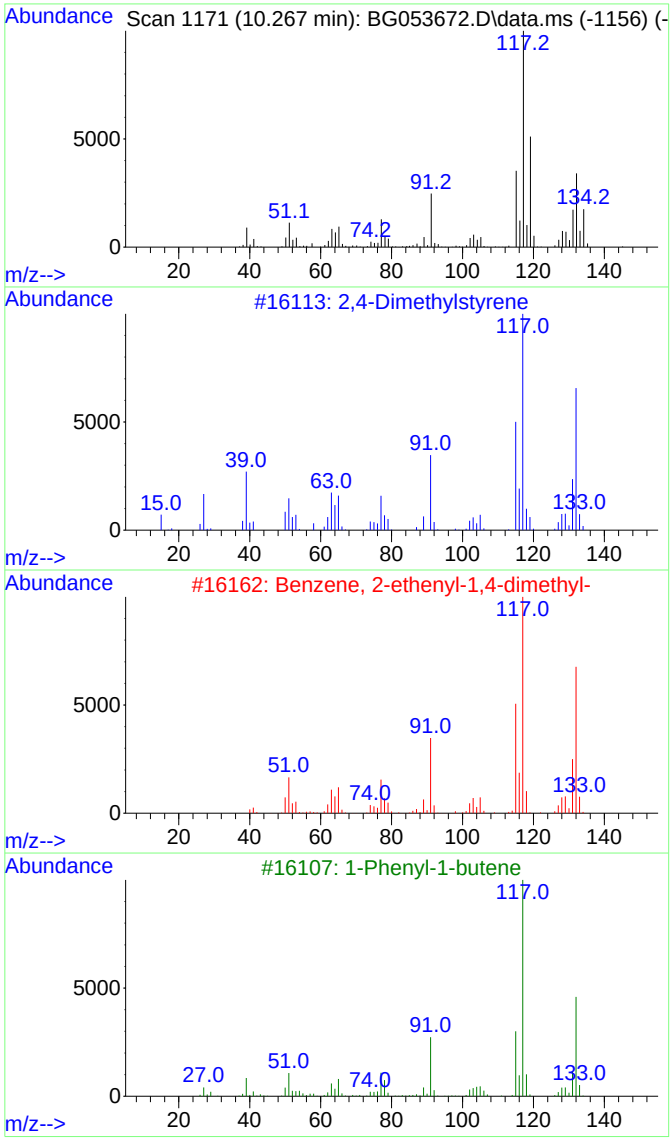
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

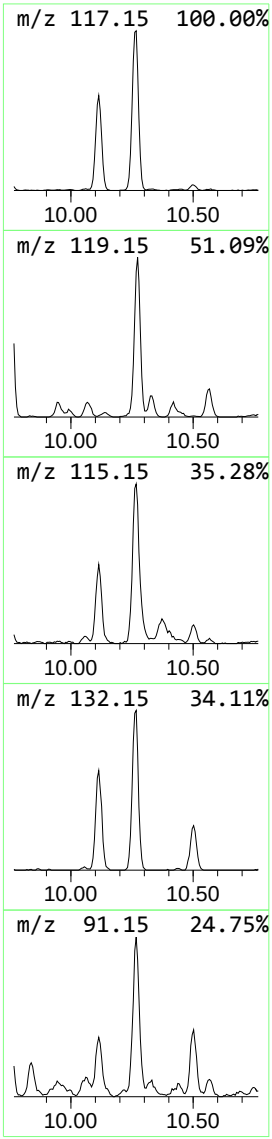
****

Peak Number 19 2,4-Dimethylstyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.267	52.84 ng	1122800	Naphthalene-d8	10.872

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

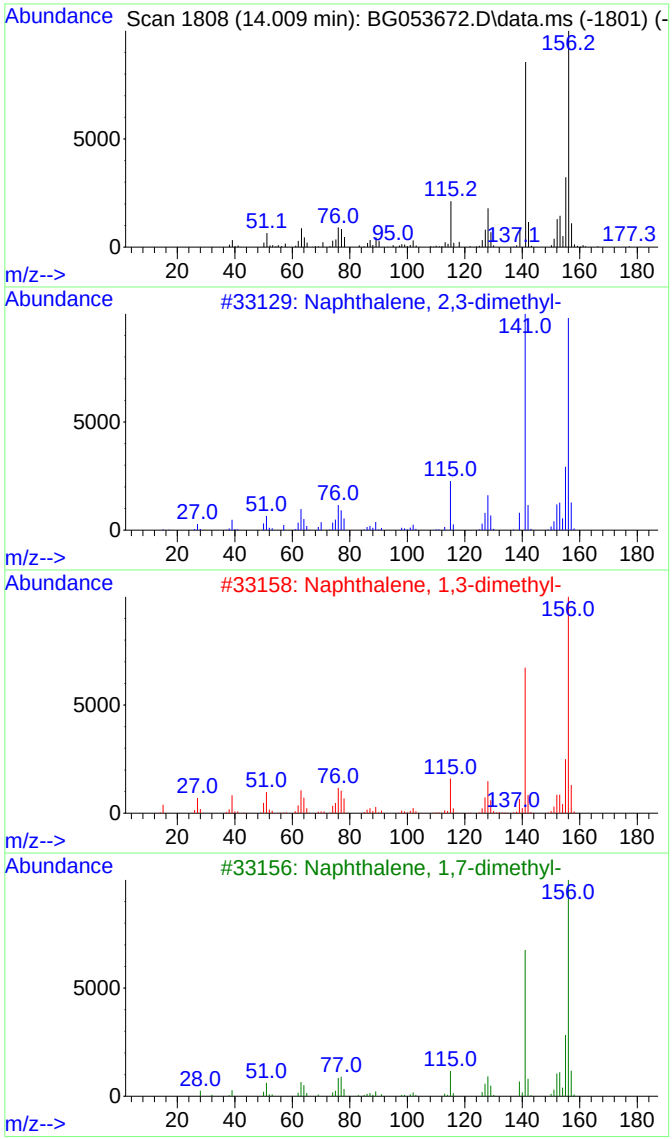
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

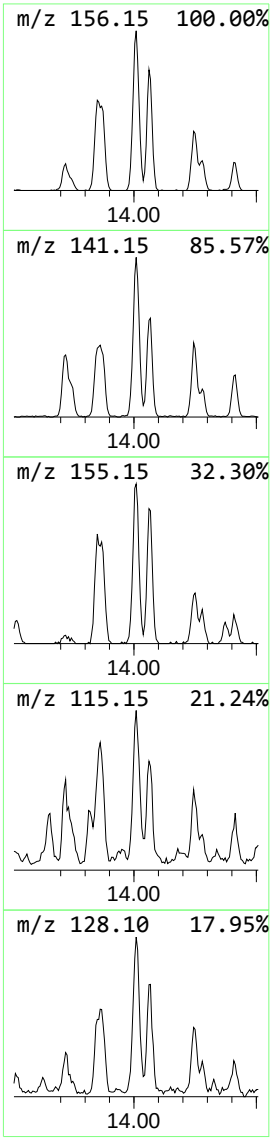
****

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.009	20.07 ng	545142	Acenaphthene-d10	14.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052322\
Data File : BG053672.D
Acq On : 23 May 2022 20:08
Operator : CG/JU
Sample : N2968-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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, 1,3-di...	5.708	407.1	ng	4018750	1	8.058	197459	20.0
Benzene, (1-met...	6.536	27.5	ng	271927	1	8.058	197459	20.0
Benzene, 1-ethy...	7.141	92.1	ng	909473	1	8.058	197459	20.0
Benzene, 1-ethy...	7.447	102.7	ng	1013510	1	8.058	197459	20.0
Mesitylene	7.711	389.2	ng	3842480	1	8.058	197459	20.0
Benzene, 1,2,3-...	8.175	159.6	ng	1575710	1	8.058	197459	20.0
Indane	8.434	155.5	ng	1535370	1	8.058	197459	20.0
1-Propyne, 3-ph...	8.604	28.2	ng	278502	1	8.058	197459	20.0
Benzene, 1,2-di...	8.698	42.4	ng	418910	1	8.058	197459	20.0
Benzene, 2-ethy...	9.015	27.5	ng	271280	1	8.058	197459	20.0
o-Cymene	9.068	26.0	ng	256301	1	8.058	197459	20.0
Benzene, 4-ethy...	9.168	73.9	ng	729928	1	8.058	197459	20.0
Benzene, 1,2,3,...	9.750	19.7	ng	418685	2	10.872	424979	20.0
Phenol, 2-ethyl-	9.838	23.1	ng	490797	2	10.872	424979	20.0
1H-Indene, 2,3-...	10.114	21.0	ng	447183	2	10.872	424979	20.0
2,4-Dimethylsty...	10.267	52.8	ng	1122800	2	10.872	424979	20.0
Naphthalene, 2,...	14.009	20.1	ng	545142	3	14.690	543244	20.0