LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-051922

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: BG053681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.738	54	59	65	rVB	56787	80179	2.79%	0.245%
2	3.996	96	103	108	rBV2	29017	51230	1.78%	0.157%
3	4.219	134	141	145	rBV	122942	189061	6.58%	0.578%
4	4.460	175	182	187	rBV3	28457	48261	1.68%	0.148%
5	4.525	187	193	203	rVV3	25868	67683	2.36%	0.207%
6	5.553	361	368	376	rBV	645769	1020749	35.53%	3.123%
7	5.629	376	381	385	rVV	143759	231385	8.06%	0.708%
8	5.706	385	394	406	rVB	1201141	2872542	100.00%	8.789%
9	6.058	447	454	463	rVB	963707	1576376	54.88%	4.823%
10	6.540	529	536	544	rVB	113086	187535	6.53%	0.574%
11	7.033	612	620	626	rBV	38066	68037	2.37%	0.208%
12	7.139	629	638	643	rBV	408856	653622	22.75%	2.000%
13	7.198	643	648	652	rBV	392987	626240	21.80%	1.916%
14	7.274	657	661	673	rVB	318879	553000	19.25%	1.692%
15	7.444	683	690	698	rBV	437837	715104	24.89%	2.188%
16	7.709	722	735	745	rVB	1650124	2773543	96.55%	8.486%
17	8.055	787	794	799	rBV	81111	153526	5.34%	0.470%
18	8.173	805	814	822	rVB	629918	1114854	38.81%	3.411%
19	8.331	829	841	846	rBV2	28755	65665	2.29%	0.201%
20	8.431	852	858	867	rVB	600489	1058056	36.83%	3.237%
21	8.549	869	878	882	rVV	86282	150046	5.22%	0.459%
22	8.602	882	887	894	rVB2	113067	195463	6.80%	0.598%
23	8.696	896	903	909	rBV	169908	295973	10.30%	0.906%
24	8.749	909	912	921	rVB3	23678	38002	1.32%	0.116%
25	8.860	926	931	943	rBV	64407	110452	3.85%	0.338%
26	9.013	950	957	961	rBV	116683	190958	6.65%	0.584%
27	9.066	961	966	976	rVV2	101181	250327	8.71%	0.766%
28	9.166	977	983	988	rVV	345631	636491	22.16%	1.947%
29	9.224	988	993	1010	rVB2	367513	961617	33.48%	2.942%
30	9.406	1018	1024	1033	rVB7	13665	35803	1.25%	0.110%
31	9.500	1033	1040	1046	rBV2	69813	130967	4.56%	0.401%
32	9.688	1066	1072	1077	rBV	150164	248362	8.65%	0.760%
33	9.753	1077	1083	1089	rVB	174756	294728	10.26%	0.902%
34	9.835	1091	1097	1108	rBV	163145	323716	11.27%	0.990%
35	9.953	1108	1117	1121	rBV4	15364	37552	1.31%	0.115%
36	10.053	1129	1134	1138	rBV4	34684	71666	2.49%	0.219%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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	10.111	1139	1144	1157	rVB	162002	316218	11.01%	0.968%
38	10.264	1163	1170	1177	rBV2	372852	718462	25.01%	2.198%
39	10.329	1177	1181	1185	rVB2	17473	31244	1.09%	0.096%
40	10.499	1204	1210	1216	rVB2	84543	151830	5.29%	0.465%
41	10.564	1216	1221	1230	rVB2	28331	53863	1.88%	0.165%
42	10.869	1261	1273	1276	rBV2	118262	297155	10.34%	0.909%
43	10.922	1276	1282	1288	rVV	796354	1459073	50.79%	4.464%
44	10.981	1288	1292	1297	rVV3	39521	63595	2.21%	0.195%
45	11.040	1297	1302	1306	rVV3	24496	41180	1.43%	0.126%
46	11.081	1306	1309	1315	rVB	20645	31313	1.09%	0.096%
47	11.145	1315	1320	1329	rBV2	19475	45088	1.57%	0.138%
48	11.333	1347	1352	1357	rBV5	16307	29853	1.04%	0.091%
49	11.463	1364	1374	1375	rBV5	23399	49636	1.73%	0.152%
50	11.527	1381	1385	1391	rVB3	30091	54773	1.91%	0.168%
51	11.780	1421	1428	1434	rVB	42763	80895	2.82%	0.248%
52	11.974	1453	1461	1469	rBV4	43420	88042	3.06%	0.269%
53	12.056	1469	1475	1483	rVB2	46079	82977	2.89%	0.254%
54	12.244	1502	1507	1515	rVB3	45705	87734	3.05%	0.268%
55	12.408	1528	1535	1542	rVB4	42587	83209	2.90%	0.255%
56	12.520	1544	1554	1560	rBV	507726	893411	31.10%	2.734%
57	12.579	1560	1564	1569	rVB2	38218	62882	2.19%	0.192%
58	12.737	1582	1591	1601	rBV2	506864	922257	32.11%	2.822%
59	12.820	1601	1605	1609	rBV7	17938	35009	1.22%	0.107%
60	13.031	1637	1641	1647	rVB4	19223	28817	1.00%	0.088%
61	13.148	1656	1661	1670	rBV2	47003	83626	2.91%	0.256%
62	13.307	1678	1688	1696	rVB	872271	1422193	49.51%	4.351%
63	13.519	1715	1724	1733	rBV3	47893	142270	4.95%	0.435%
64	13.654	1737	1747	1753	rBV4	45085	105663	3.68%	0.323%
65	13.718	1753	1758	1761	rBV	40416	62020	2.16%	0.190%
66	13.818	1770	1775	1776	rBV	46180	54726	1.91%	0.167%
67	13.865	1777	1783	1790	rVB3	135807	318313	11.08%	0.974%
68	14.006	1800	1807	1812	rBV	172108	339749	11.83%	1.040%
69	14.065	1812	1817	1827	rVB	140837	257733	8.97%	0.789%
70	14.247	1842	1848	1851	rBV	74777	126811	4.41%	0.388%
71	14.276	1851	1853	1858	rVB2	38454	47716	1.66%	0.146%
72	14.411	1871	1876	1881	rVB2	42904	68973	2.40%	0.211%
73	14.464	1881	1885	1890	rBV2	24257	44045	1.53%	0.135%
74	14.688	1912	1923	1929	rBV2	232786	431296	15.01%	1.320%
75	14.746	1929	1933	1941	rVB5	27067	64952	2.26%	0.199%
76	14.887	1954	1957	1966	rVB3	23792	56535	1.97%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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	15.081	1985	1990	1996	rVB2	47787	78133	2.72%	0.239%
78	15.158	1996	2003	2009	rBV2	37568	59329	2.07%	0.182%
79	15.304	2022	2028	2032	rVB3	34663	61493	2.14%	0.188%
80	15.475	2050	2057	2060	rBV3	19812	39872	1.39%	0.122%
81	15.504	2060	2062	2069	rVB5	23075	34674	1.21%	0.106%
82	15.727	2094	2100	2107	rBV2	41918	88874	3.09%	0.272%
83	15.857	2117	2122	2126	rBV2	26586	44698	1.56%	0.137%
84	16.180	2171	2177	2188	rBV	539818	855493	29.78%	2.617%
85	16.791	2276	2281	2287	rVV4	17300	31565	1.10%	0.097%
86	17.431	2384	2390	2395	rBV	290476	442883	15.42%	1.355%
87	17.472	2395	2397	2402	rVB	28653	40056	1.39%	0.123%
88	17.842	2456	2460	2466	rVB2	22086	35262	1.23%	0.108%
89	18.083	2496	2501	2504	rVB	39481	47985	1.67%	0.147%
90	18.324	2535	2542	2545	rBV5	44682	81444	2.84%	0.249%
91	19.599	2754	2759	2769	rVB10	17298	37953	1.32%	0.116%
92	20.039	2828	2834	2841	rVB	1582178	2124287	73.95%	6.500%
93	20.820	2963	2967	2971	rBV2	26021	37627	1.31%	0.115%
94	21.332	3049	3054	3062	rBV	64615	104661	3.64%	0.320%
95	21.707	3112	3118	3132	rVB	300686	505406	17.59%	1.546%
96	21.884	3144	3148	3153	rVB3	22770	30745	1.07%	0.094%
97	24.974	3664	3674	3685	rVB2	165889	487319	16.96%	1.491%

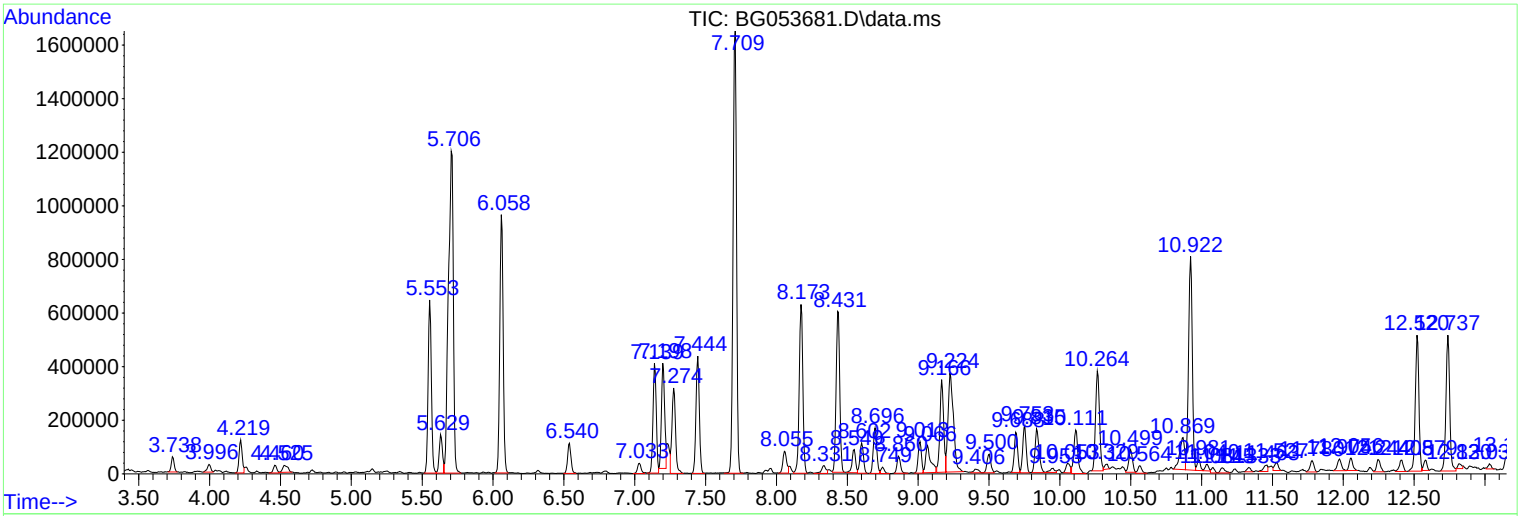
Sum of corrected areas: 32683667

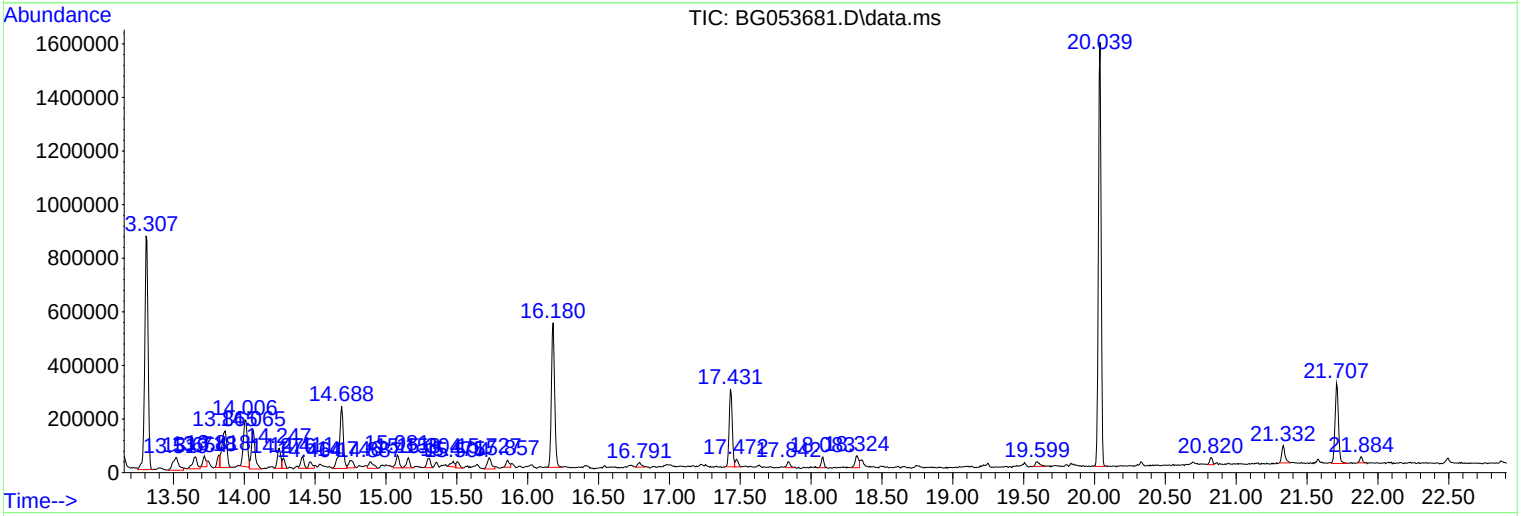
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

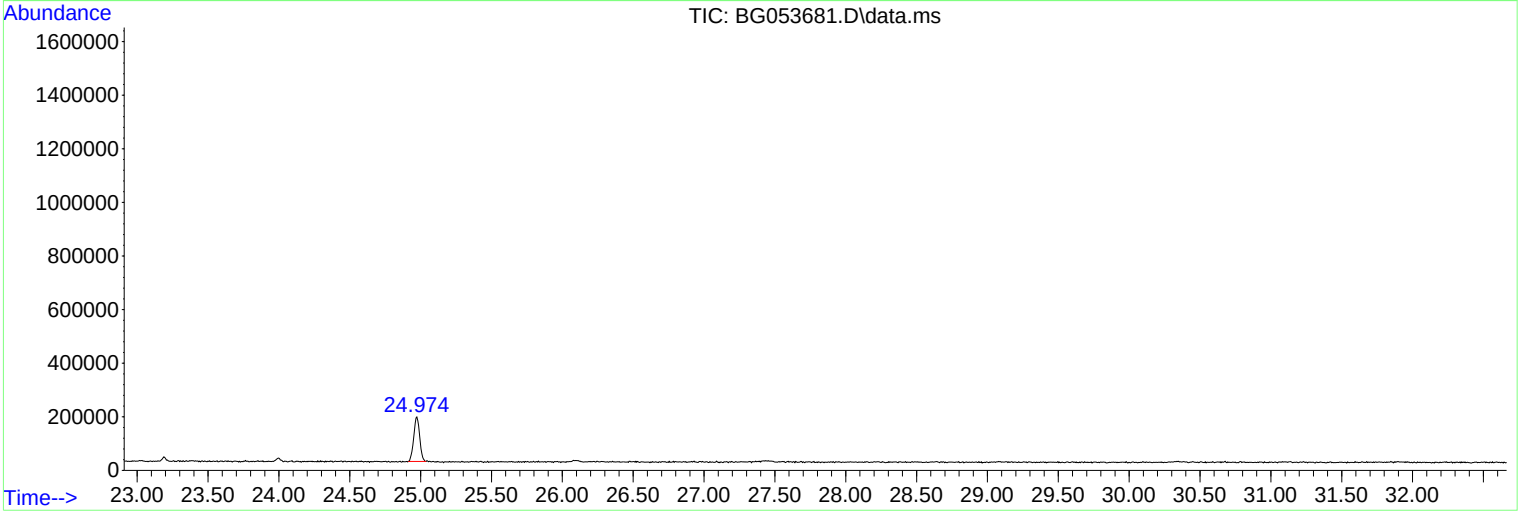
Instrument :
BNA_G
ClientSampleId :
DUP-051922

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\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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

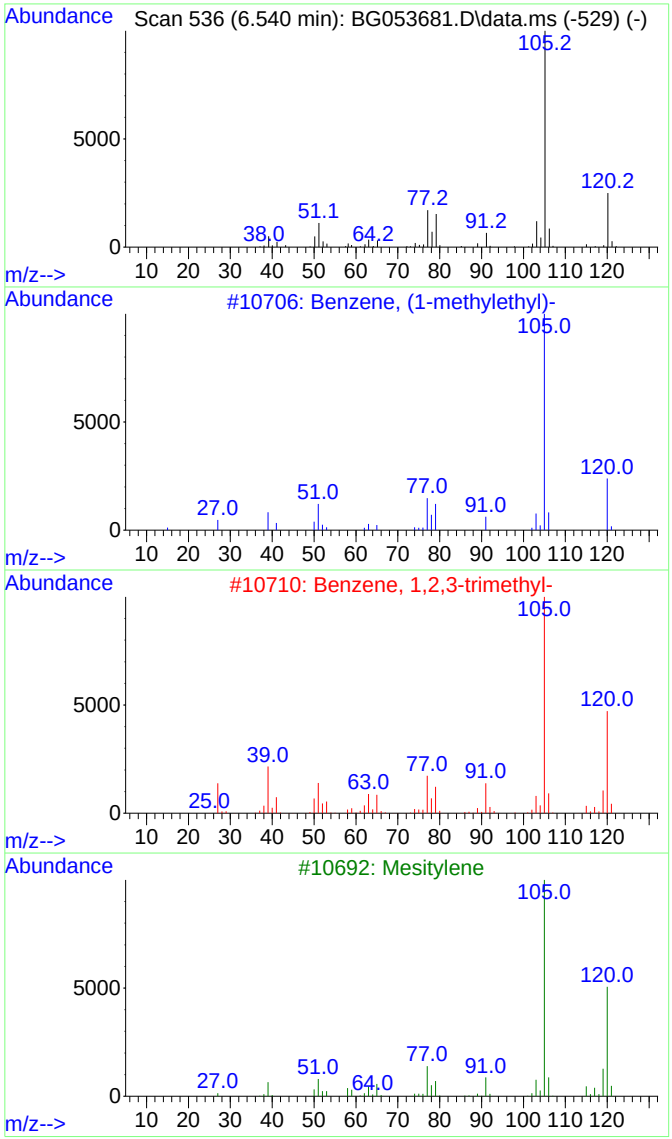
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

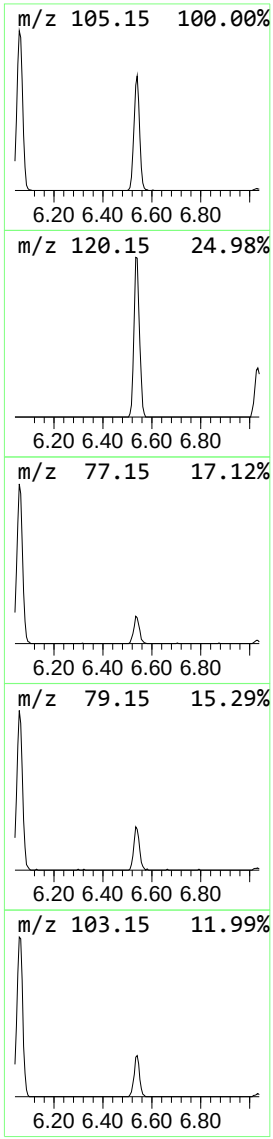
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.540	24.43 ng	187535	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
5	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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

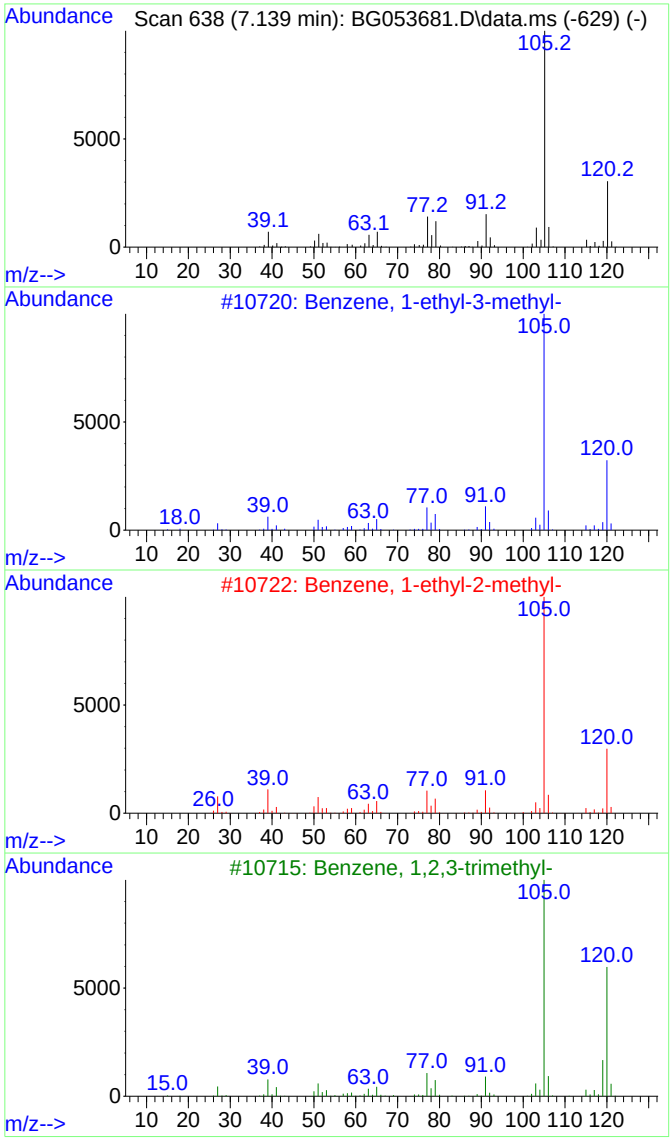
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

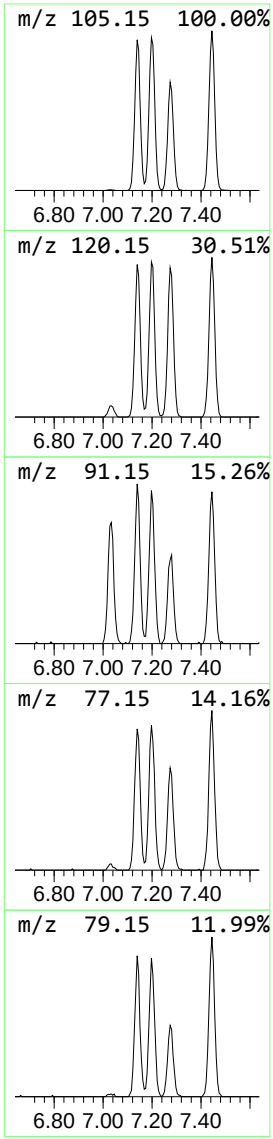
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.139	85.15 ng	653622	1,4-Dichlorobenzene-d4	8.055

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

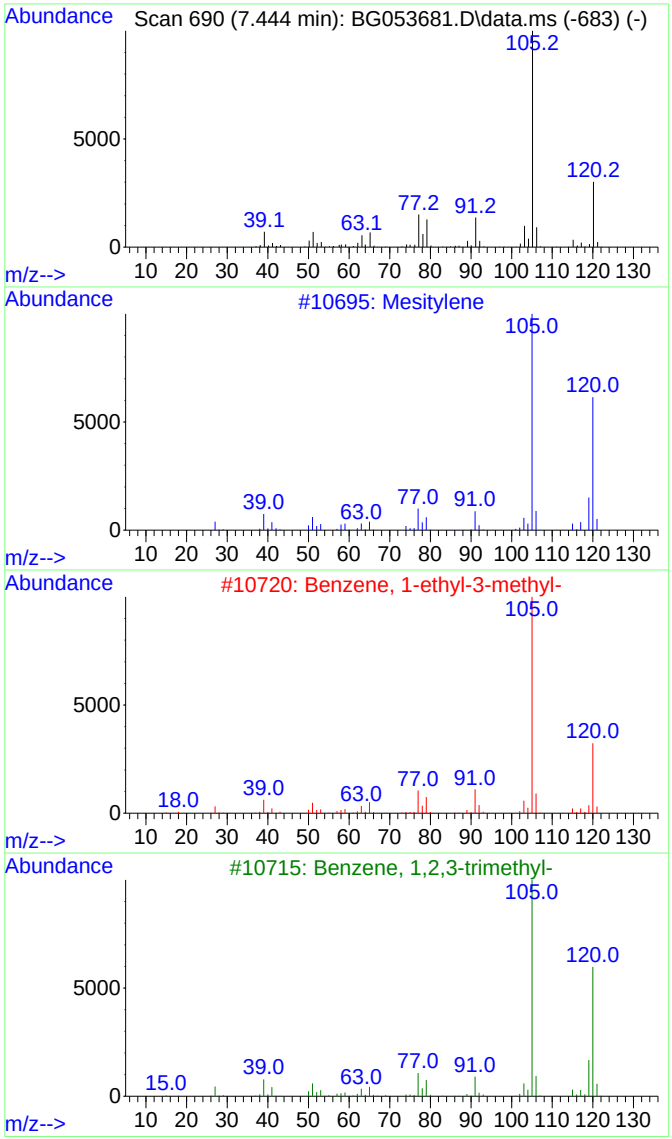
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

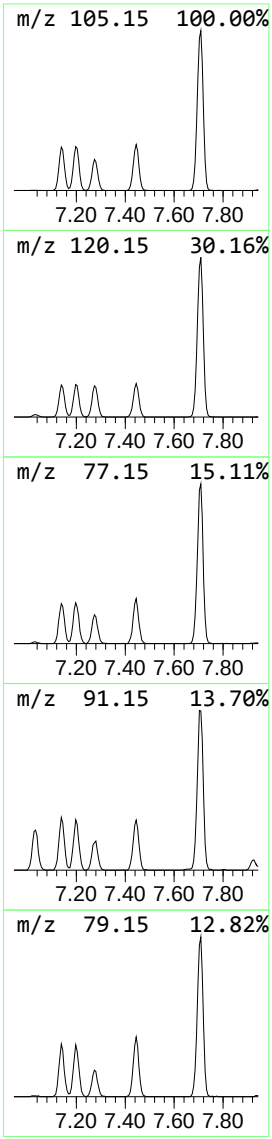
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.444	93.16 ng	715104	1,4-Dichlorobenzene-d4	8.055

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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

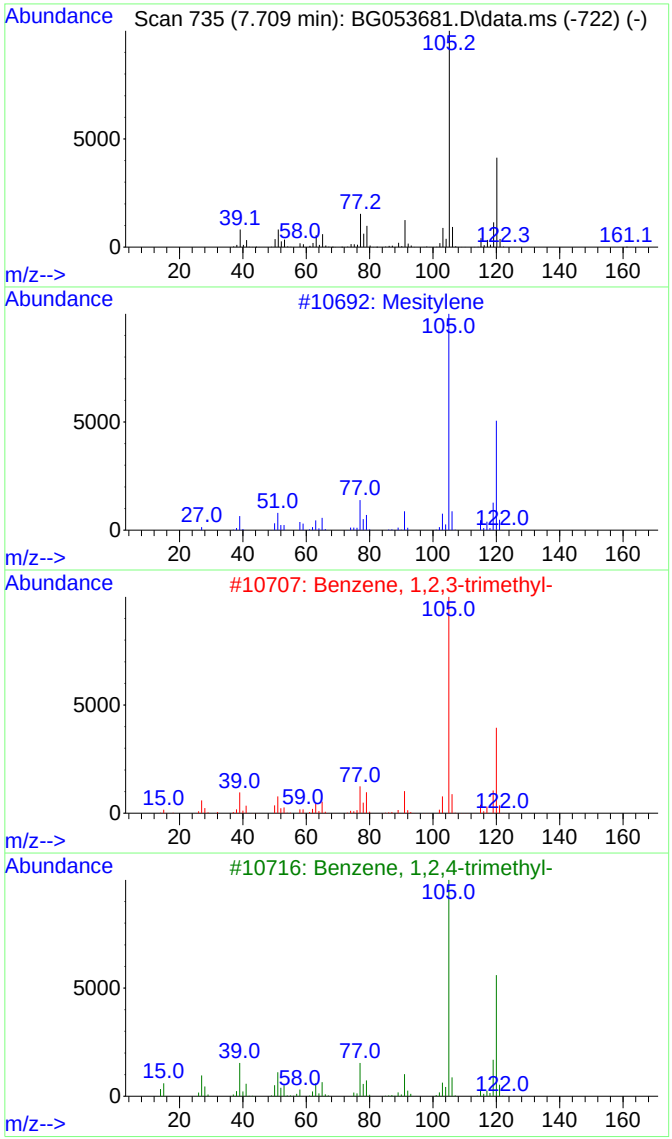
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

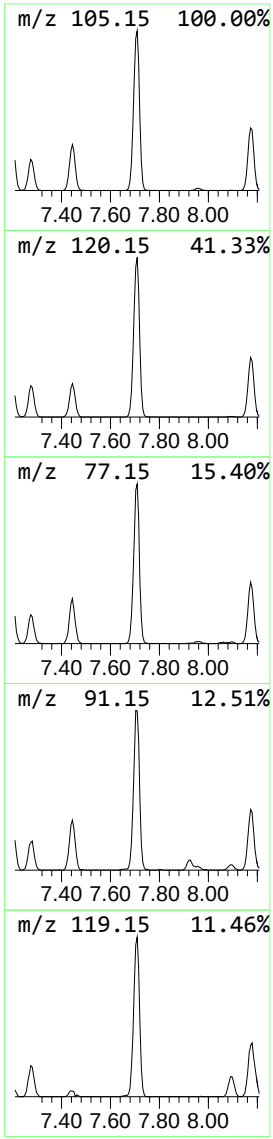
****

Peak Number 8 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.709	361.31 ng	2773540	1,4-Dichlorobenzene-d4	8.055

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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

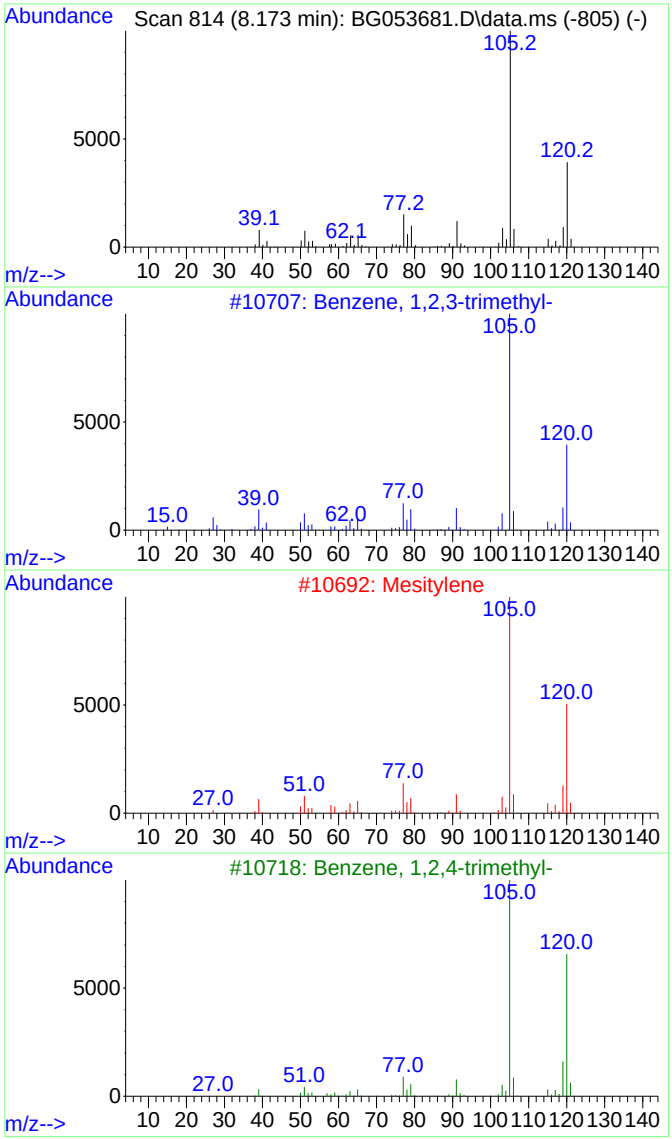
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

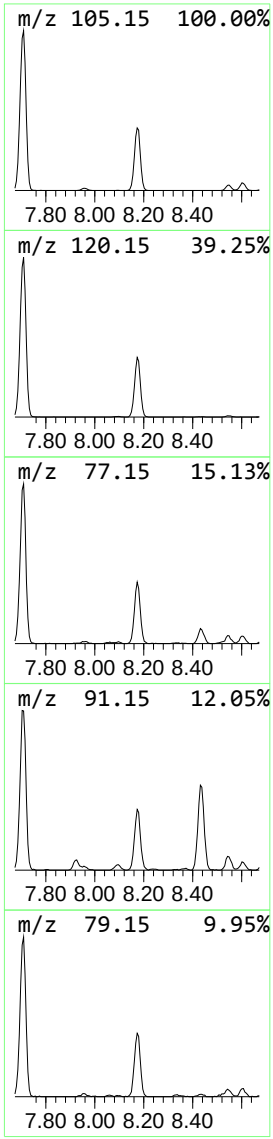
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.173	145.23 ng	1114850	1,4-Dichlorobenzene-d4	8.055

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	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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

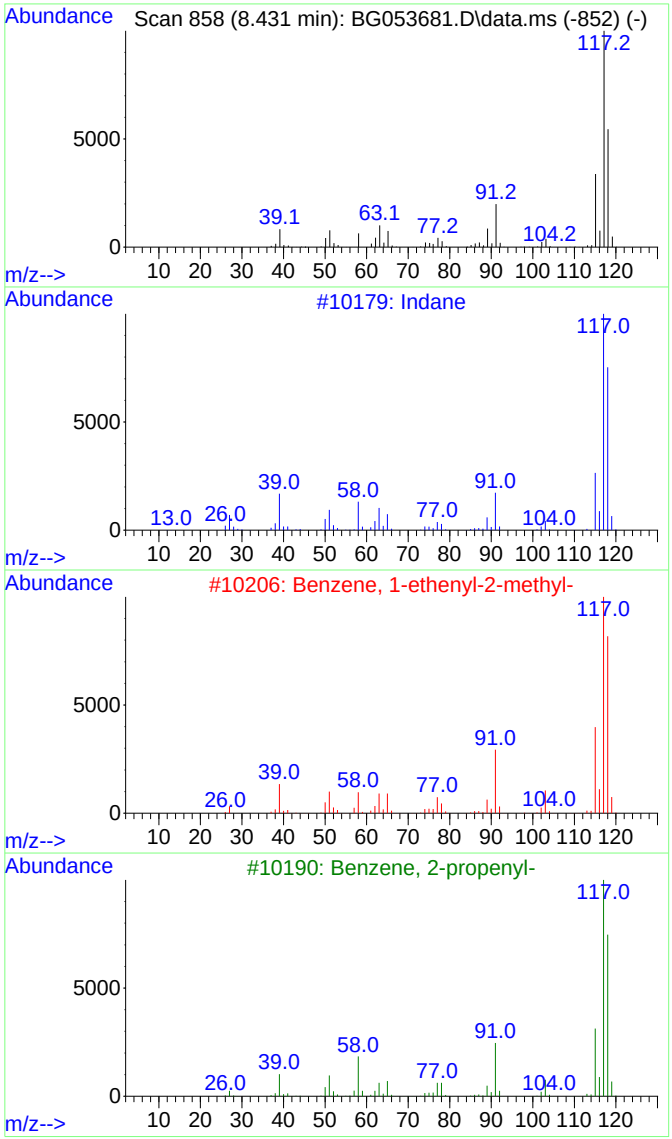
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

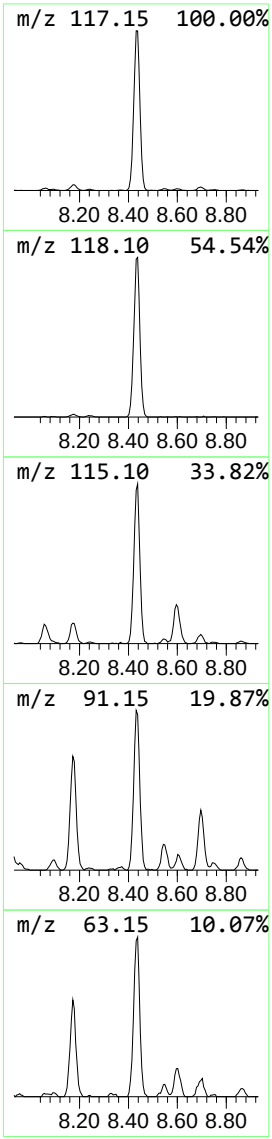
****

Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.431	137.83 ng	1058060	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Deltacyclene	118	C9H10	007785-10-6	76
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68





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ALS Vial : 5 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

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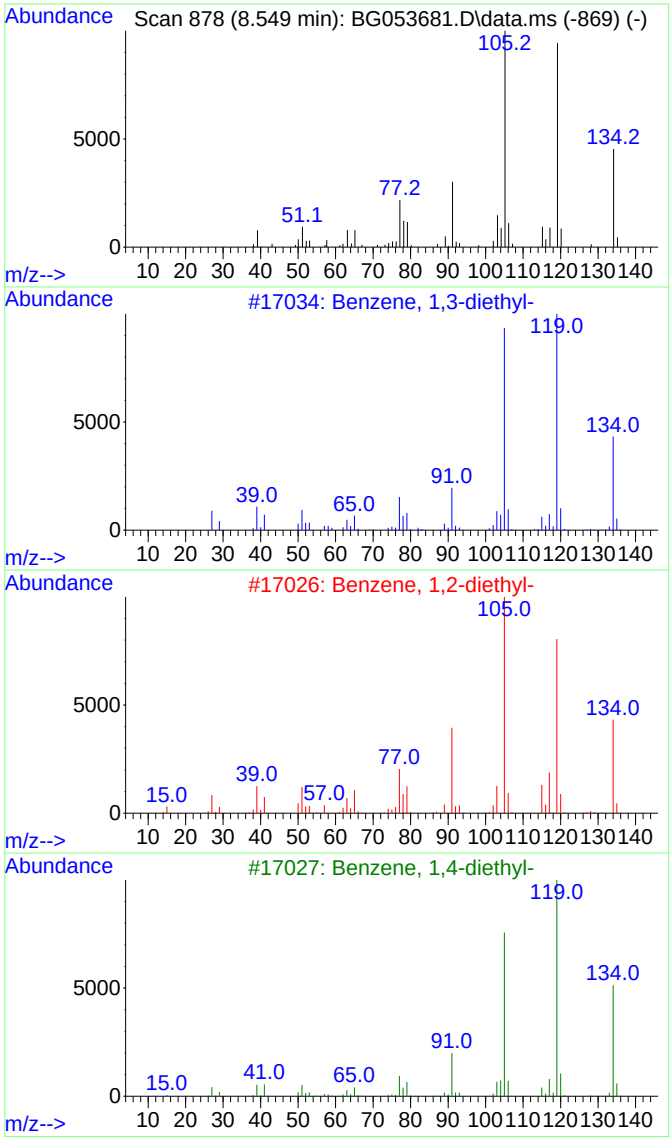
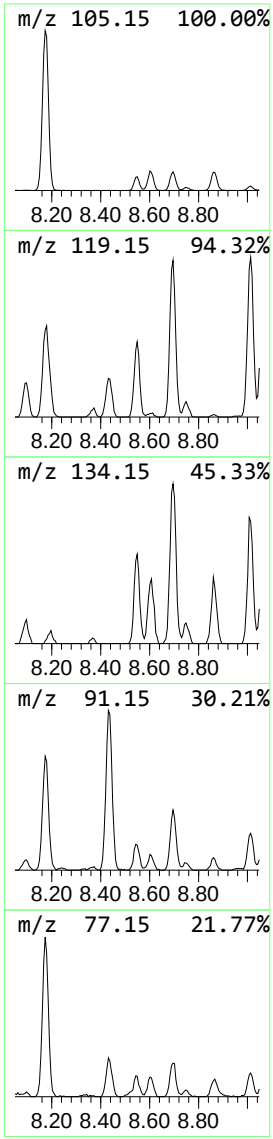
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.549	19.55 ng	150046	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-051922

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

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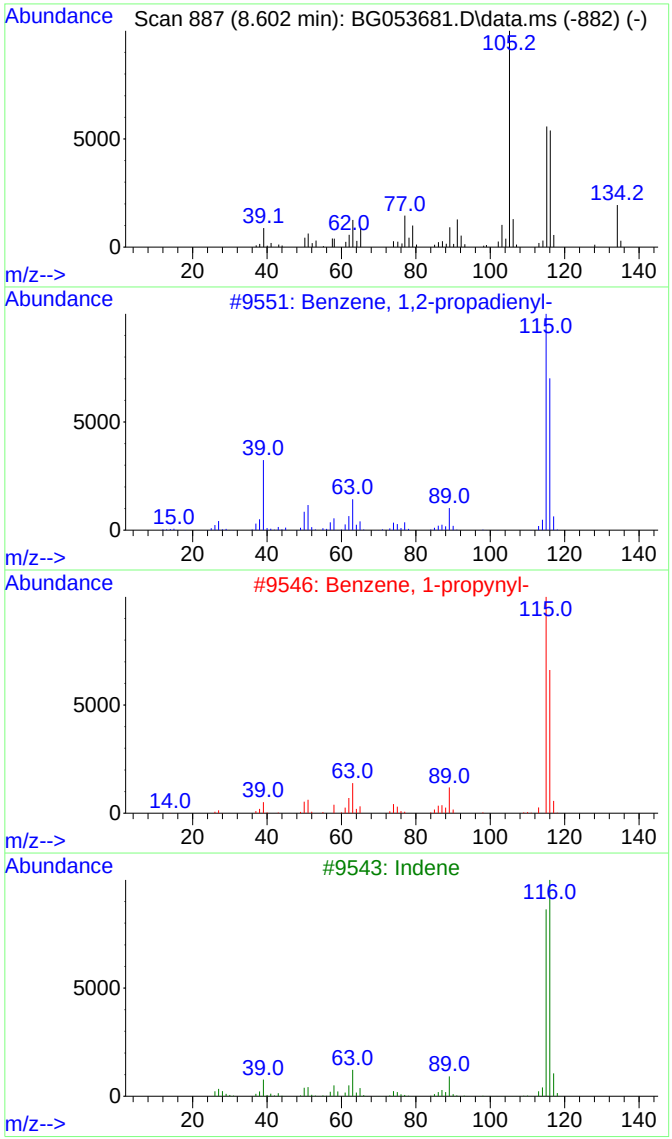
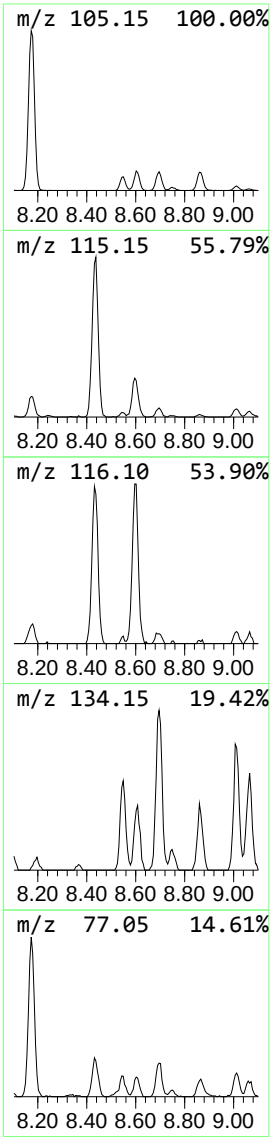
Peak Number 12 Benzene, 1,2-propadienyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.602	25.46 ng	195463	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	Indene	116	C9H8	000095-13-6	60
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	60
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	53





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

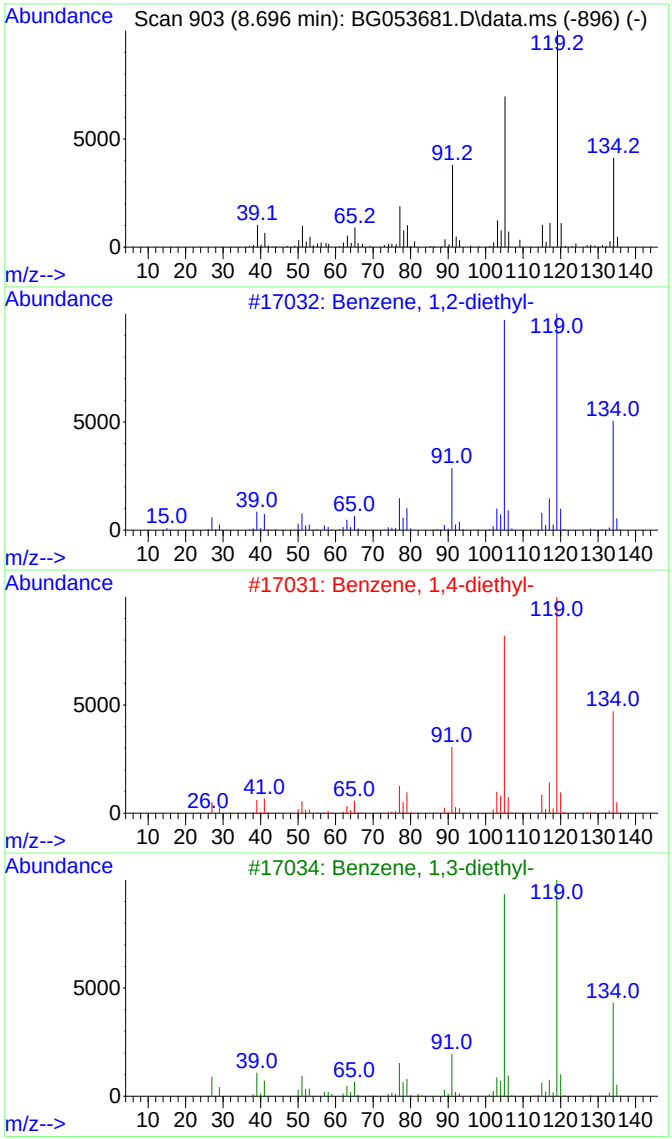
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

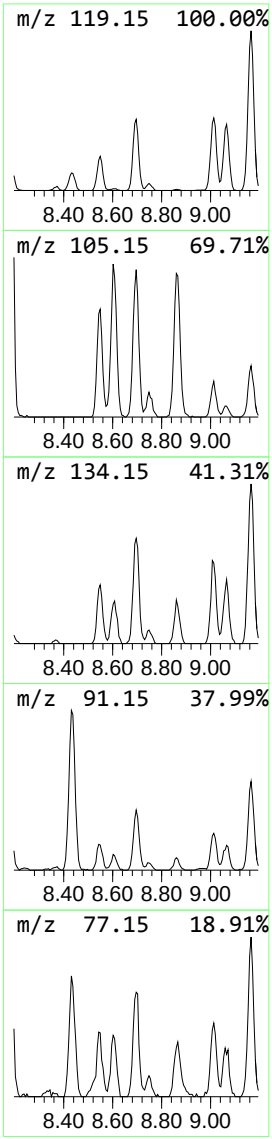
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.696	38.56 ng	295973	1,4-Dichlorobenzene-d4	8.055

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

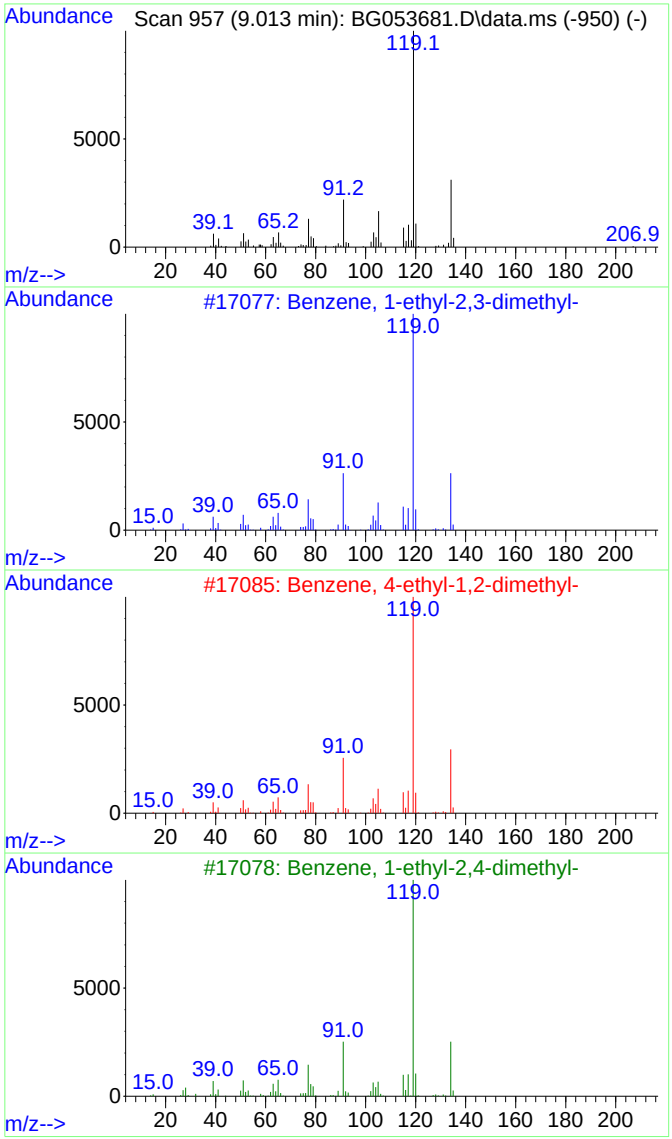
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

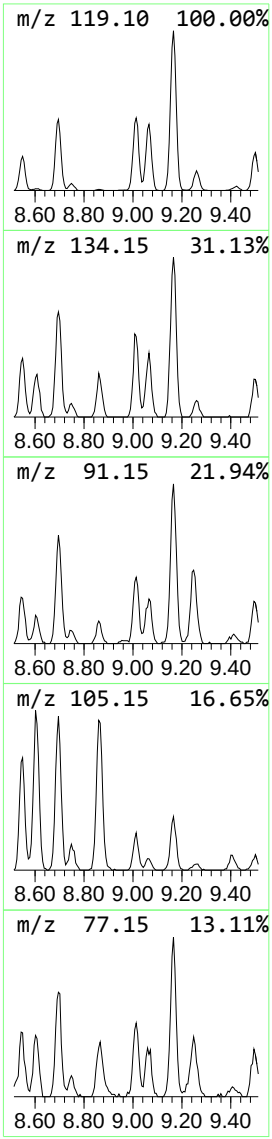
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.013	24.88 ng	190958	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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Misc :
ALS Vial : 5 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

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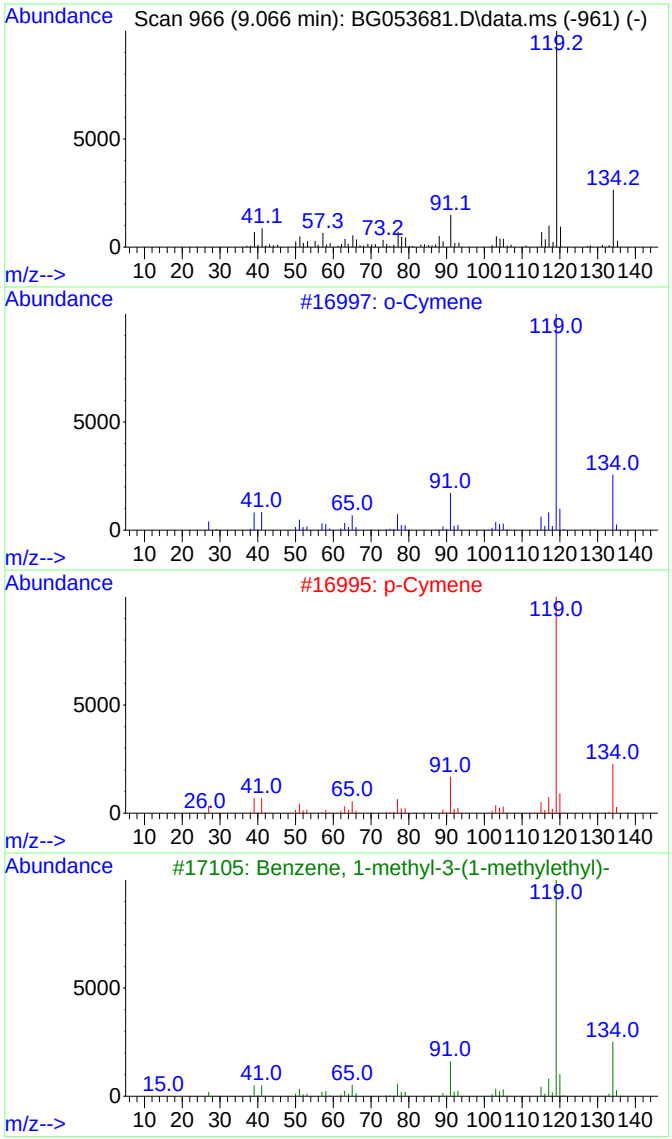
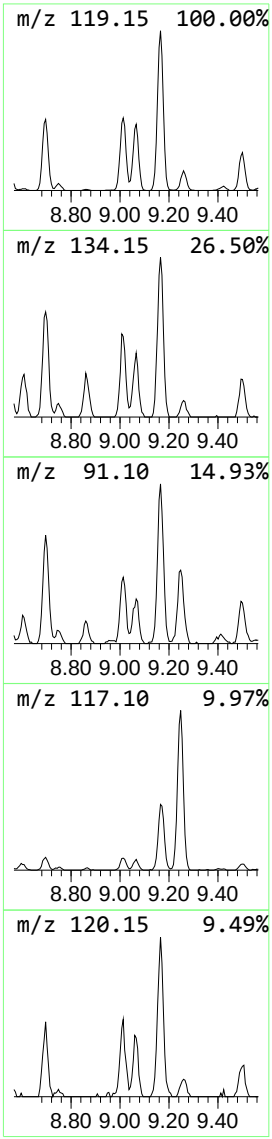
Peak Number 15 p-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.066	32.61 ng	250327	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	94
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	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





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Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

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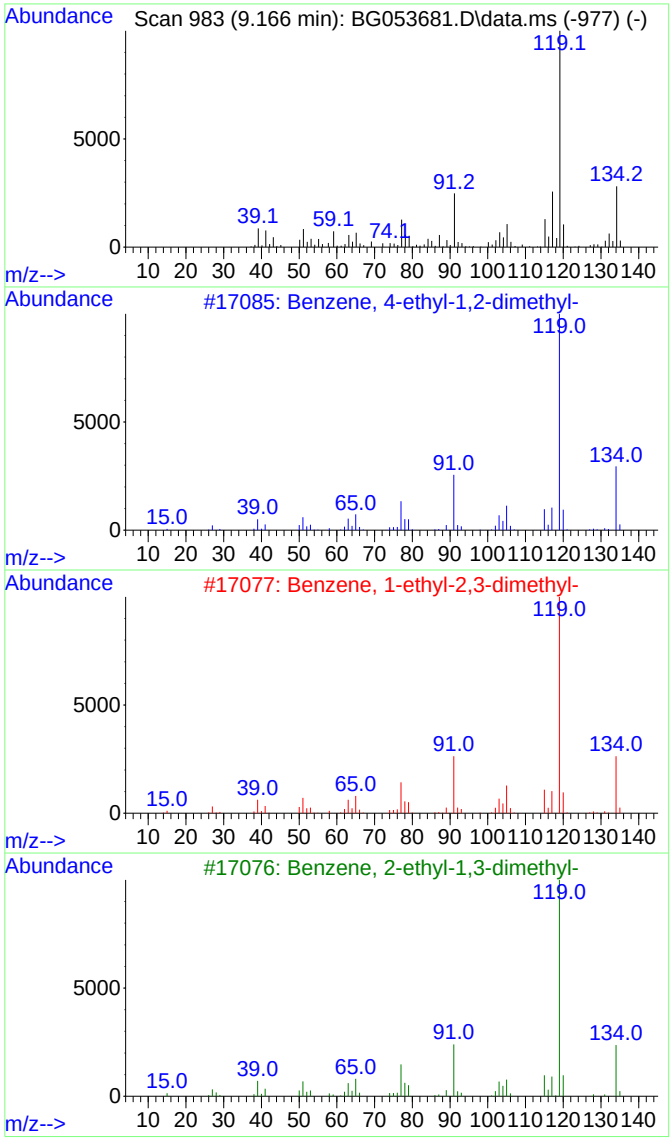
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

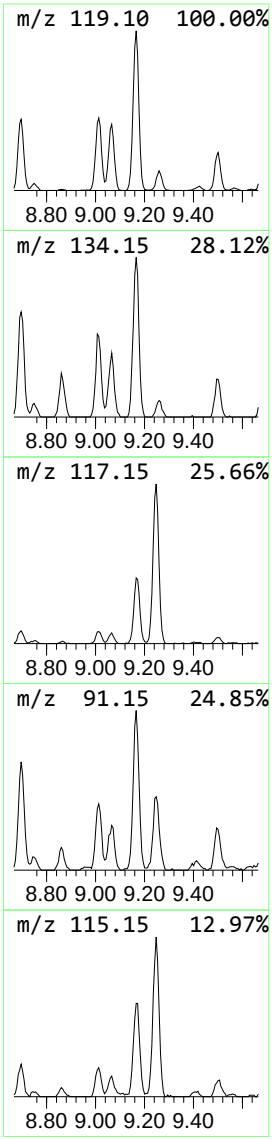
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.166	82.92 ng	636491	1,4-Dichlorobenzene-d4	8.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Misc :
ALS Vial : 5 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

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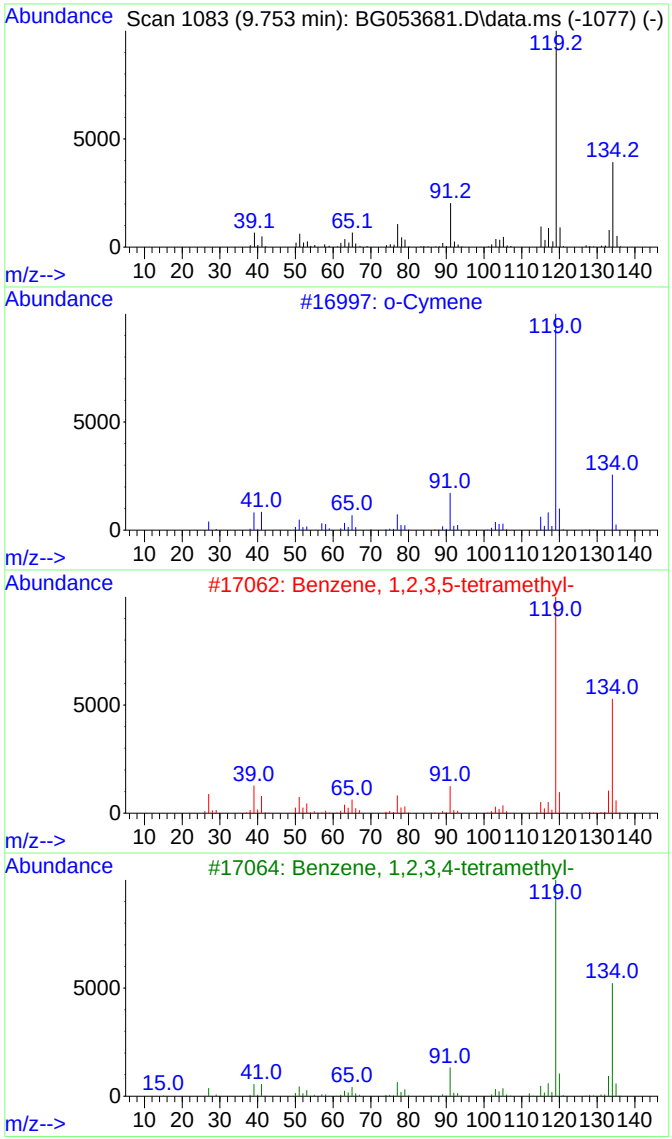
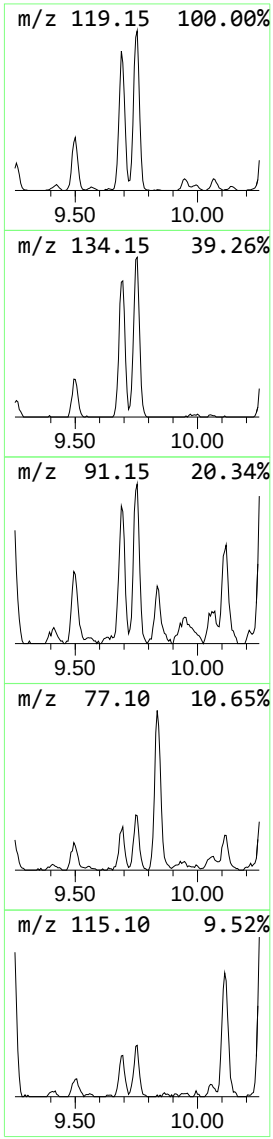
Peak Number 17 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.753	19.84 ng	294728	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	96
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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ALS Vial : 5 Sample Multiplier: 1

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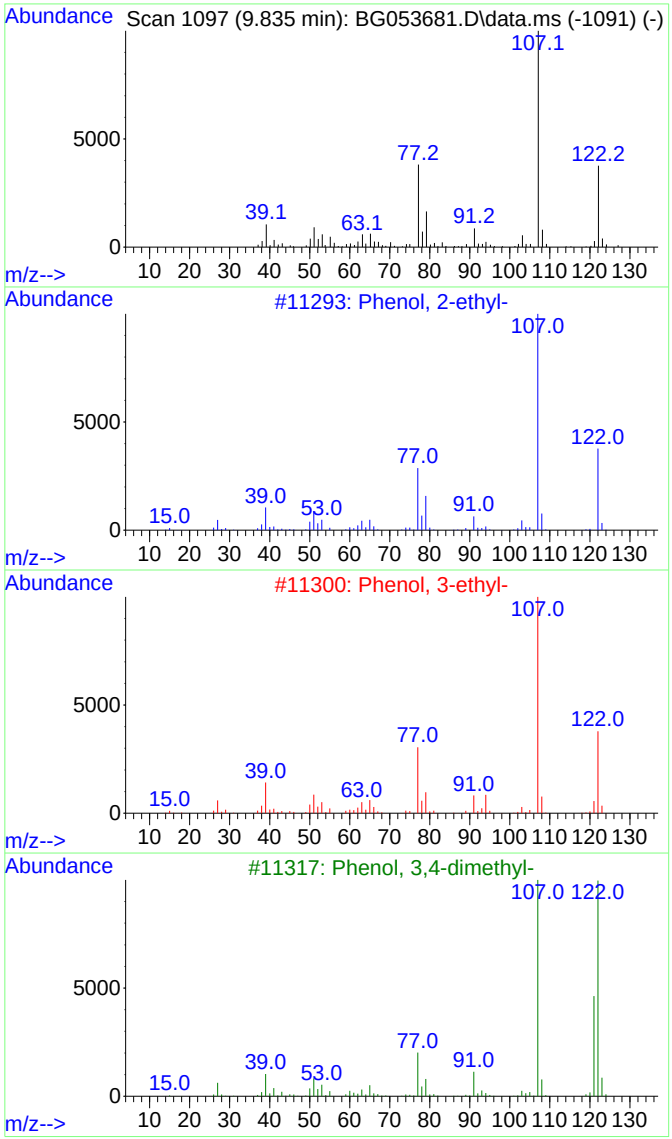
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

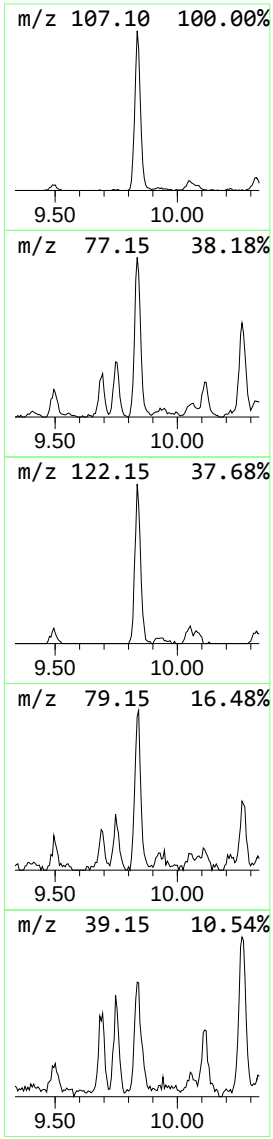
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.835	21.79 ng	323716	Naphthalene-d8	10.869

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	93
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	80
5	o-Toluidine	107	C7H9N	000095-53-4	46





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ALS Vial : 5 Sample Multiplier: 1

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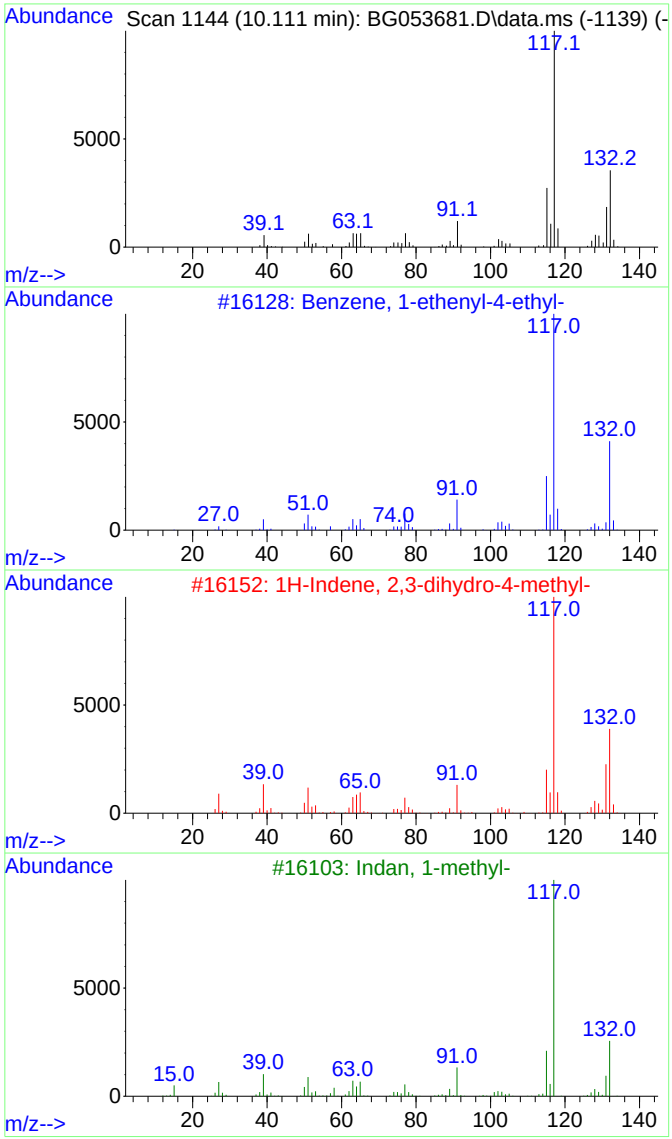
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

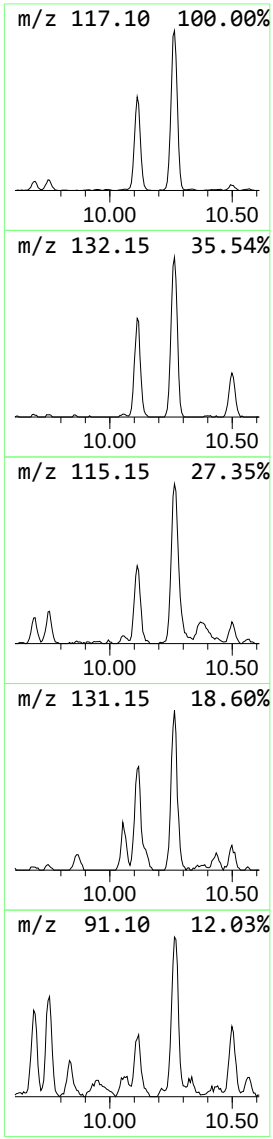
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.111	21.28 ng	316218	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86





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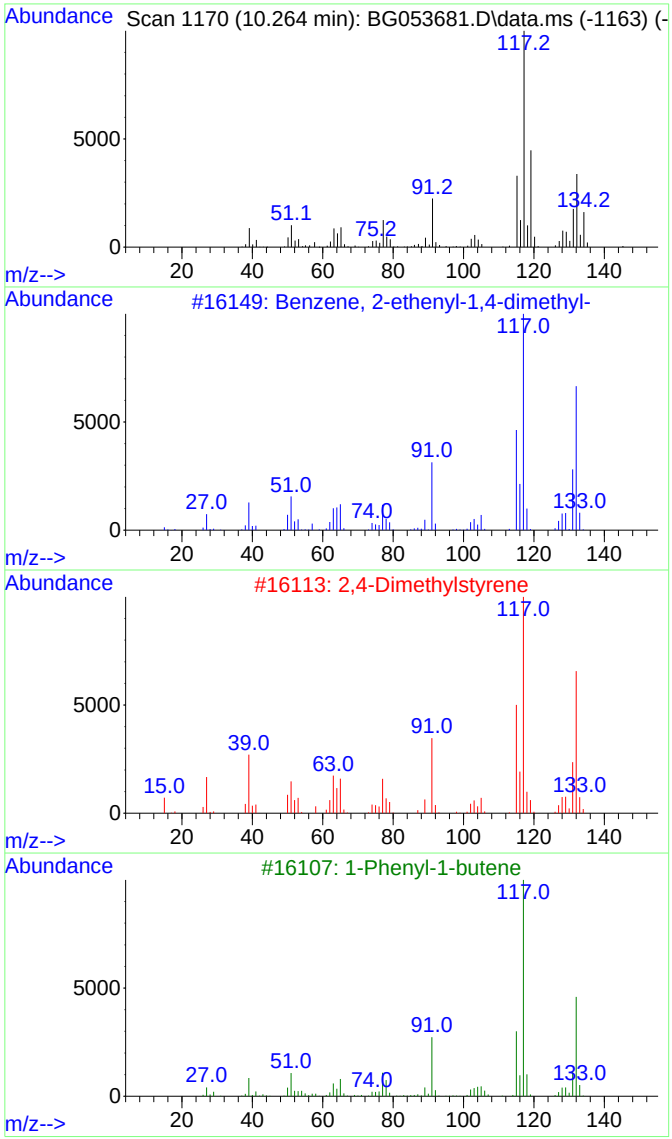
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

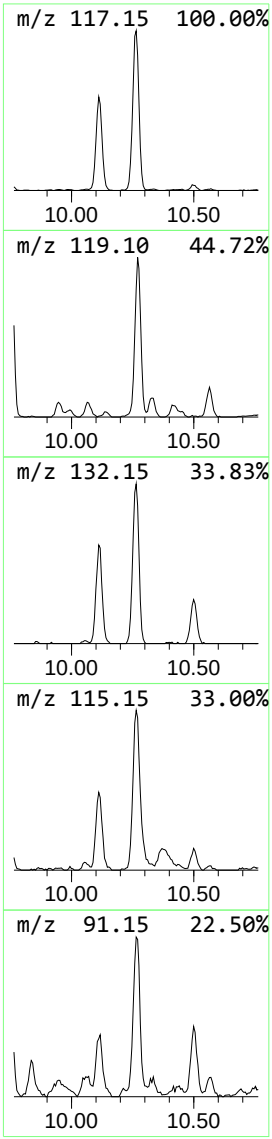
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.264	48.36 ng	718462	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053681.D
Acq On : 24 May 2022 12:08
Operator : CG/JU
Sample : N2968-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUP-051922

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-met...	6.540	24.4	ng	187535	1	8.055	153526	20.0
Benzene, 1-ethy...	7.139	85.2	ng	653622	1	8.055	153526	20.0
Benzene, 1,2,3-...	7.444	93.2	ng	715104	1	8.055	153526	20.0
Mesitylene	7.709	361.3	ng	2773540	1	8.055	153526	20.0
Benzene, 1,2,4-...	8.173	145.2	ng	1114850	1	8.055	153526	20.0
Indane	8.431	137.8	ng	1058060	1	8.055	153526	20.0
Benzene, 1,3-di...	8.549	19.6	ng	150046	1	8.055	153526	20.0
Benzene, 1,2-pr...	8.602	25.5	ng	195463	1	8.055	153526	20.0
Benzene, 1,2-di...	8.696	38.6	ng	295973	1	8.055	153526	20.0
Benzene, 1-ethy...	9.013	24.9	ng	190958	1	8.055	153526	20.0
p-Cymene	9.066	32.6	ng	250327	1	8.055	153526	20.0
Benzene, 4-ethy...	9.166	82.9	ng	636491	1	8.055	153526	20.0
o-Cymene	9.753	19.8	ng	294728	2	10.869	297155	20.0
Phenol, 2-ethyl-	9.835	21.8	ng	323716	2	10.869	297155	20.0
Benzene, 1-ethe...	10.111	21.3	ng	316218	2	10.869	297155	20.0
Benzene, 2-ethe...	10.264	48.4	ng	718462	2	10.869	297155	20.0