

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060071.D
 Acq On : 18 Dec 2023 18:14
 Operator : MA/JU
 Sample : 05670-04
 Misc :
 ALS Vial : 9 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-BG121323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060071.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.141	4	9	18	rVB	413795	743616	4.91%	0.596%
2	3.670	87	99	107	rVB8	57720	176647	1.17%	0.142%
3	3.928	136	143	152	rBV3	97727	189609	1.25%	0.152%
4	4.152	172	181	194	rBV	724277	1483311	9.80%	1.190%
5	4.457	223	233	240	rBV5	66282	174825	1.15%	0.140%
6	5.468	398	405	411	rBV	3309623	5566472	36.77%	4.465%
7	5.527	411	415	421	rVV	573458	942617	6.23%	0.756%
8	5.621	421	431	445	rVB	2949918	8179616	54.03%	6.561%
9	5.973	483	491	502	rVB	1921310	3259967	21.54%	2.615%
10	6.443	566	571	581	rVB	323009	557592	3.68%	0.447%
11	6.937	648	655	662	rBV	1202126	1898492	12.54%	1.523%
12	7.042	666	673	678	rVV	584141	975756	6.45%	0.783%
13	7.107	678	684	691	rVV2	1709055	2795615	18.47%	2.243%
14	7.178	691	696	708	rVB	284908	480776	3.18%	0.386%
15	7.348	718	725	732	rBV	2167764	3464615	22.89%	2.779%
16	7.618	760	771	777	rBV	8963233	15137990	100.00%	12.143%
17	7.830	801	807	809	rBV2	99304	157537	1.04%	0.126%
18	7.959	822	829	833	rBV	255663	494684	3.27%	0.397%
19	7.994	833	835	842	rVV2	116898	168322	1.11%	0.135%
20	8.076	842	849	856	rVB	2147204	3654809	24.14%	2.932%
21	8.335	885	893	900	rBV	1365531	2293780	15.15%	1.840%
22	8.447	906	912	918	rBV	885678	1417483	9.36%	1.137%
23	8.505	918	922	928	rVV2	155336	249707	1.65%	0.200%
24	8.599	930	938	943	rBV	1058364	1792609	11.84%	1.438%
25	8.646	943	946	954	rVB2	182490	289428	1.91%	0.232%
26	8.764	959	966	976	rVB	586888	973855	6.43%	0.781%
27	8.911	985	991	996	rBV	1353602	2230803	14.74%	1.789%
28	8.964	996	1000	1006	rVV	1022308	1617484	10.68%	1.297%
29	9.069	1006	1018	1023	rVV	2710651	4448544	29.39%	3.568%
30	9.146	1023	1031	1041	rVB3	1464773	3867806	25.55%	3.103%
31	9.263	1041	1051	1054	rBV4	107604	272369	1.80%	0.218%
32	9.310	1054	1059	1067	rVB5	134542	265085	1.75%	0.213%
33	9.398	1067	1074	1080	rBV2	562617	1023352	6.76%	0.821%
34	9.586	1094	1106	1111	rBV	1415799	2424555	16.02%	1.945%
35	9.651	1111	1117	1124	rVB	1909889	3130395	20.68%	2.511%
36	9.845	1141	1150	1155	rVV	188563	331101	2.19%	0.266%

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Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	9.957	1163	1169	1173	rVV2	229837	438527	2.90%	0.352%
38	10.009	1173	1178	1189	rVV	1317295	2480156	16.38%	1.989%
39	10.115	1190	1196	1198	rVV2	137112	227594	1.50%	0.183%
40	10.162	1198	1204	1210	rVV2	2542188	4568504	30.18%	3.665%
41	10.227	1210	1215	1226	rVV2	347900	804596	5.32%	0.645%
42	10.339	1226	1234	1239	rVV4	235673	595644	3.93%	0.478%
43	10.397	1239	1244	1249	rVV2	211604	363430	2.40%	0.292%
44	10.462	1249	1255	1262	rVB	202998	340171	2.25%	0.273%
45	10.644	1275	1286	1287	rBV4	97492	207066	1.37%	0.166%
46	10.679	1288	1292	1295	rVV2	242339	437001	2.89%	0.351%
47	10.744	1295	1303	1309	rVV2	839795	2261339	14.94%	1.814%
48	10.814	1309	1315	1321	rVV2	1331829	2761995	18.25%	2.216%
49	10.873	1321	1325	1331	rVV	555019	973002	6.43%	0.781%
50	10.932	1331	1335	1338	rVV	111563	197750	1.31%	0.159%
51	10.973	1338	1342	1347	rVB2	163321	268176	1.77%	0.215%
52	11.420	1413	1418	1424	rVB	288576	477557	3.15%	0.383%
53	11.678	1455	1462	1467	rBV	448173	783079	5.17%	0.628%
54	11.866	1487	1494	1500	rVV	331181	575428	3.80%	0.462%
55	11.954	1504	1509	1517	rVB3	119613	302092	2.00%	0.242%
56	12.142	1536	1541	1550	rVB4	201211	376150	2.48%	0.302%
57	12.313	1565	1570	1575	rVB2	117867	213104	1.41%	0.171%
58	12.636	1616	1625	1631	rBV	763909	1449891	9.58%	1.163%
59	12.724	1636	1640	1647	rVB8	79018	171819	1.14%	0.138%
60	13.218	1713	1724	1731	rBV	2830098	4327200	28.59%	3.471%
61	13.364	1741	1749	1754	rBV2	210481	410099	2.71%	0.329%
62	13.758	1812	1816	1823	rVV3	186234	333965	2.21%	0.268%
63	13.964	1846	1851	1855	rVB2	174982	255432	1.69%	0.205%
64	14.222	1889	1895	1902	rVB3	187538	324096	2.14%	0.260%
65	14.293	1902	1907	1914	rBV6	99313	192510	1.27%	0.154%
66	14.404	1922	1926	1934	rVB2	104327	169463	1.12%	0.136%
67	14.592	1950	1958	1965	rVB2	716815	1143048	7.55%	0.917%
68	14.710	1971	1978	1983	rBV5	80238	163634	1.08%	0.131%
69	14.769	1983	1988	1995	rVB6	88647	182165	1.20%	0.146%
70	15.086	2033	2042	2049	rBV	220673	447823	2.96%	0.359%
71	15.209	2059	2063	2070	rVB2	105664	178497	1.18%	0.143%
72	15.444	2093	2103	2109	rBV5	73074	211530	1.40%	0.170%
73	15.515	2111	2115	2122	rVB2	174113	264633	1.75%	0.212%
74	16.085	2204	2212	2217	rBV	3130593	4647660	30.70%	3.728%
75	17.342	2420	2426	2431	rBV	922139	1332077	8.80%	1.069%
76	18.229	2573	2577	2582	rBV3	211062	274148	1.81%	0.220%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	19.968	2867	2873	2878	rBV	6100533	8260775	54.57%	6.626%
78	21.614	3147	3153	3159	rBV2	997377	1631180	10.78%	1.308%
79	24.804	3689	3696	3707	rVB	558289	1508273	9.96%	1.210%

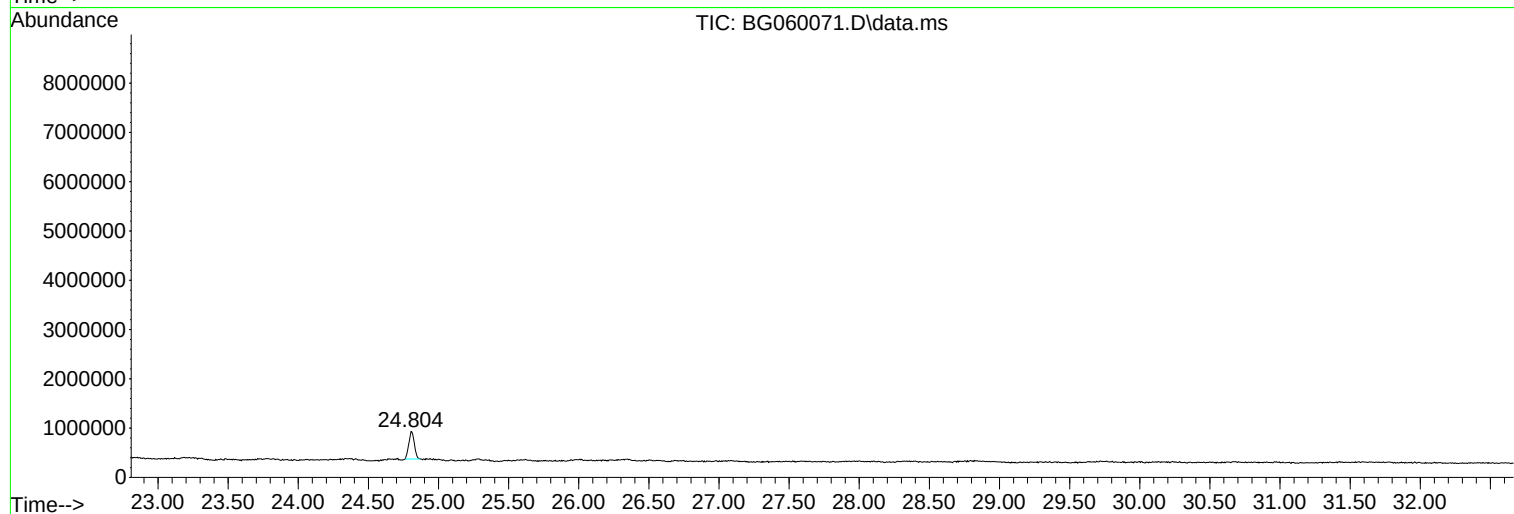
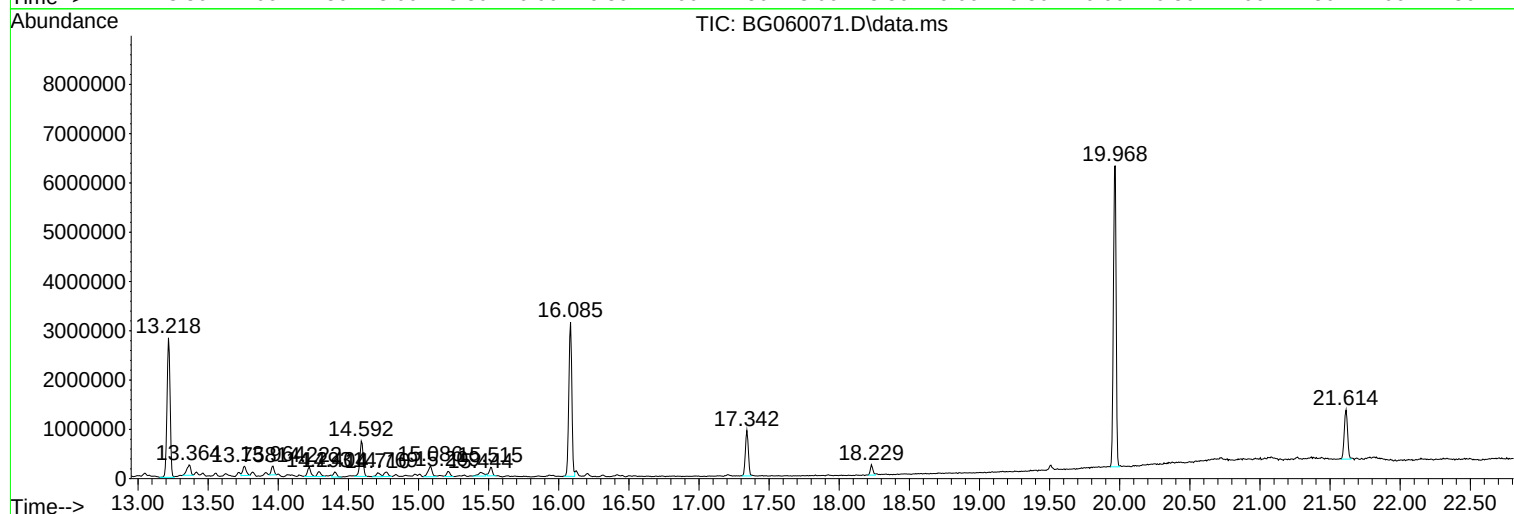
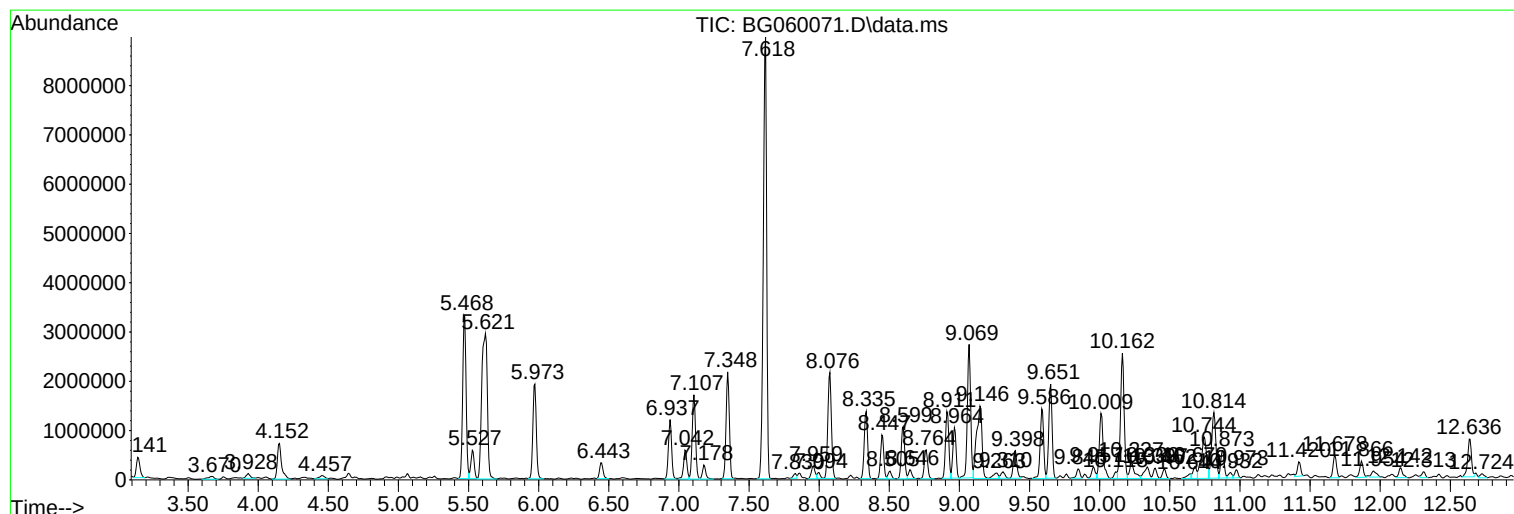
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

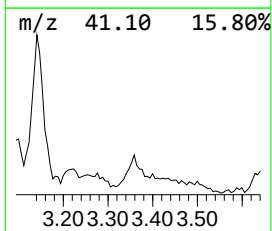
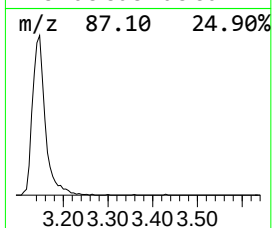
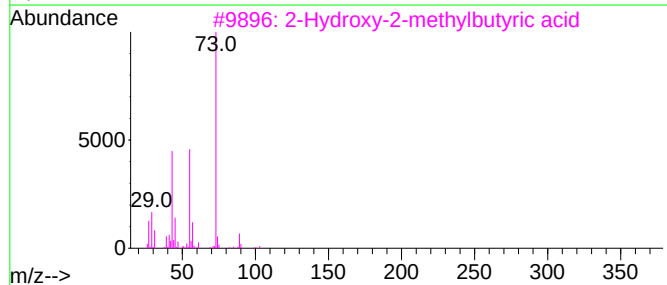
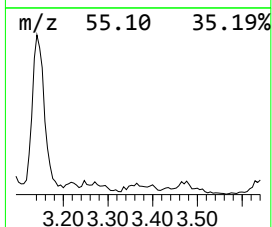
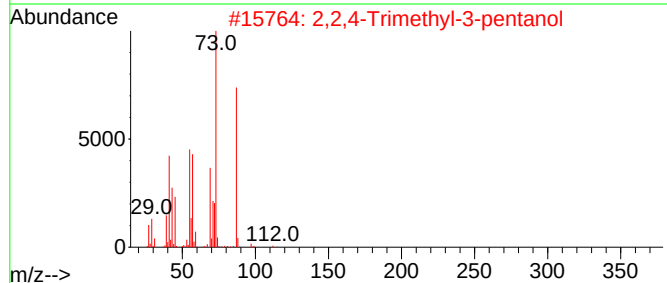
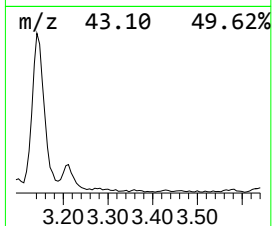
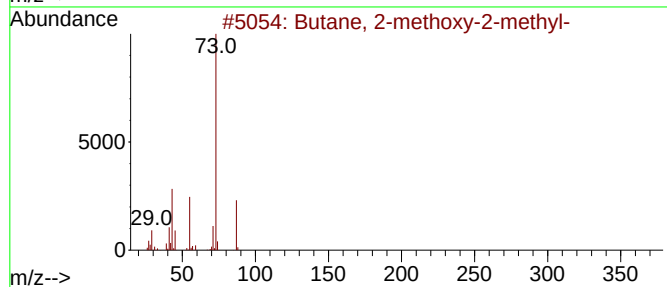
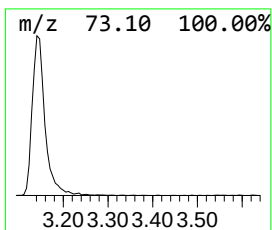
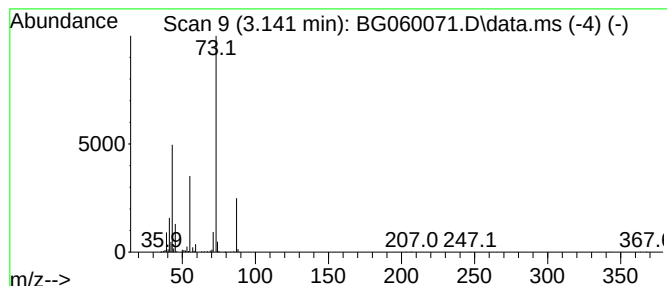
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.141	30.06 ng	743616	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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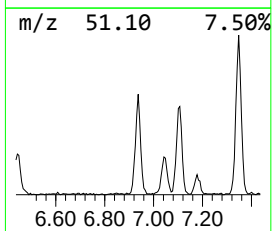
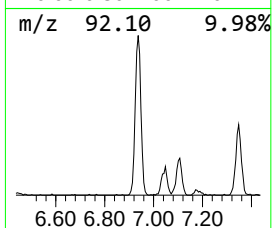
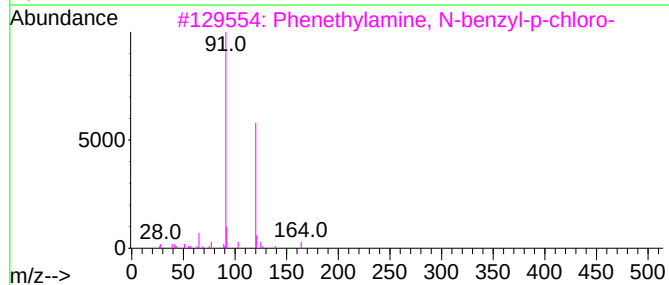
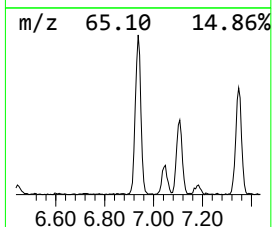
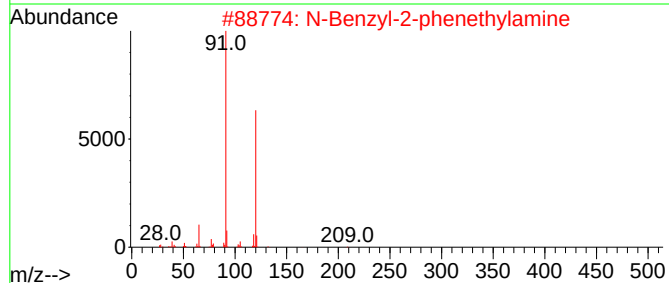
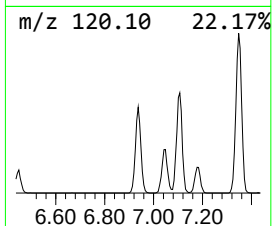
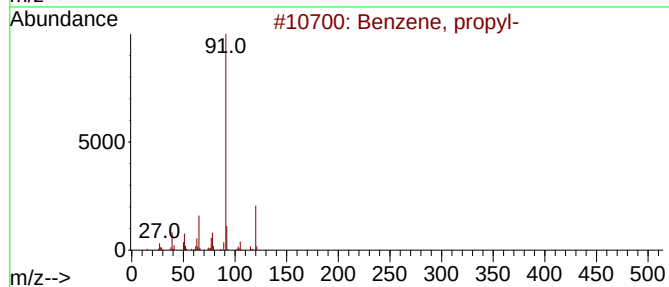
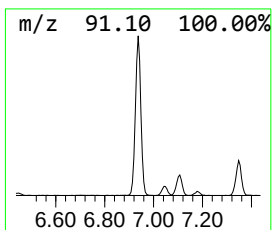
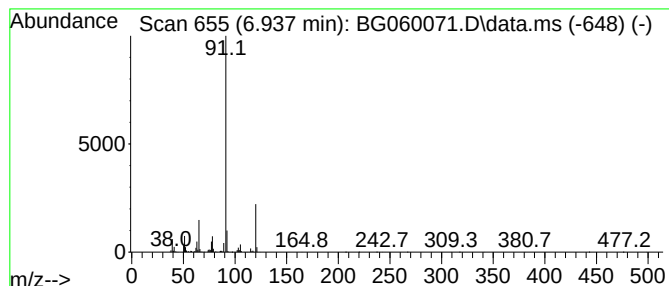
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.937	76.76 ng	1898490	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3			Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	64
5			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64



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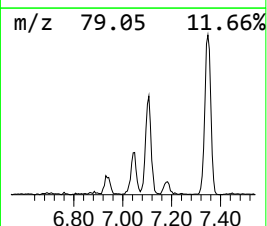
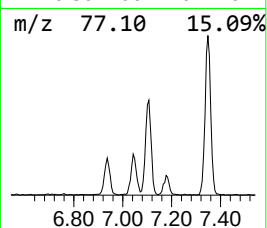
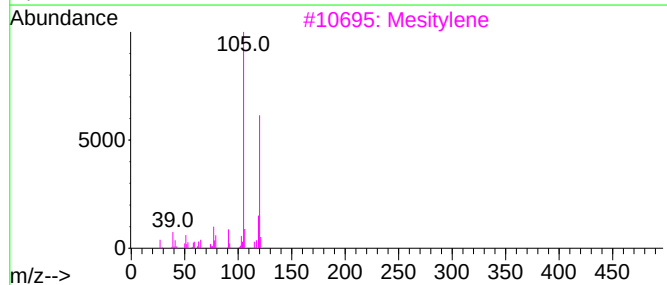
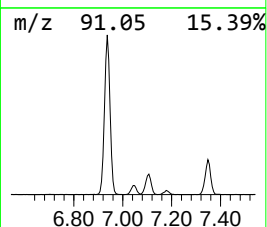
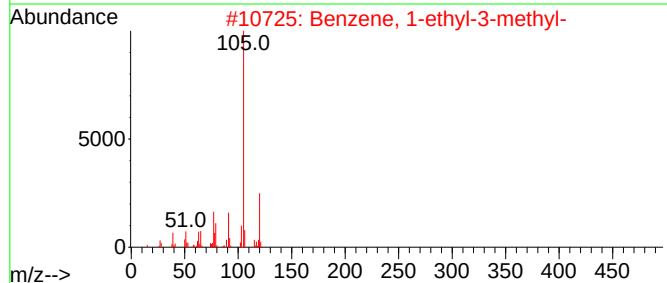
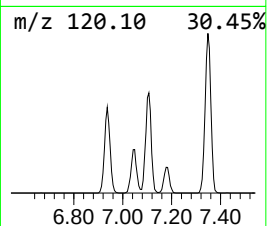
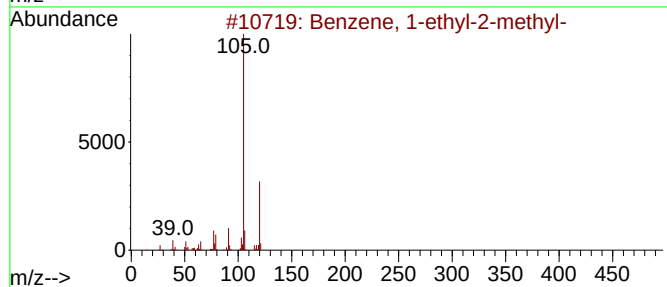
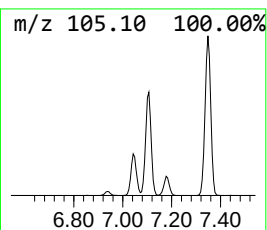
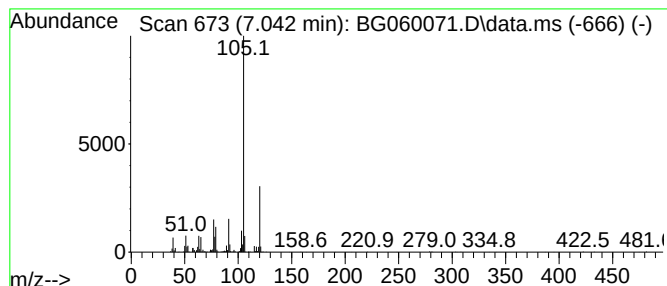
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.042	39.45 ng	975756	1,4-Dichlorobenzene-d4	7.953

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-3-methyl-	120	C9H12	000620-14-4	93
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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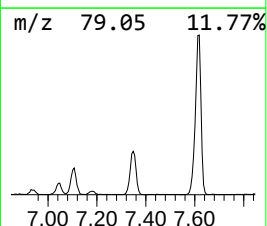
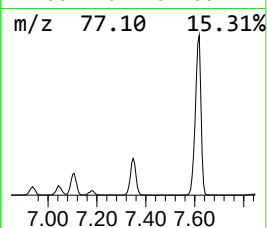
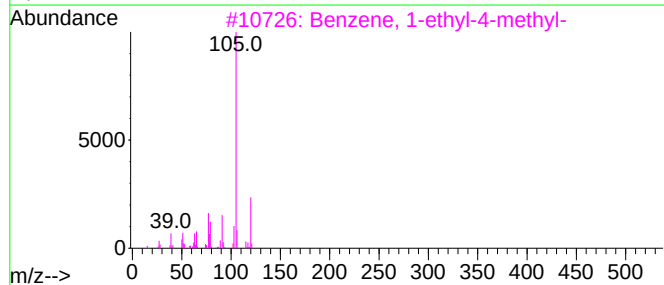
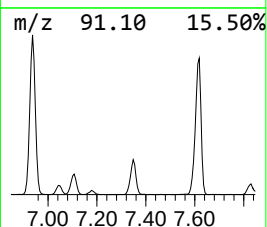
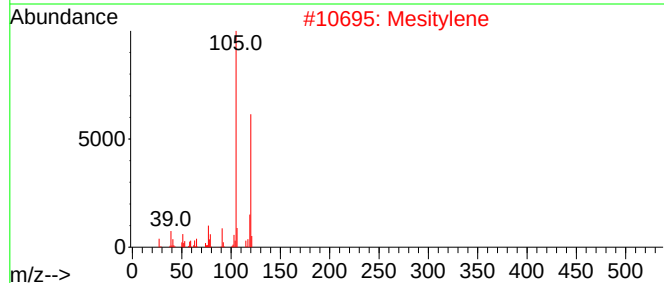
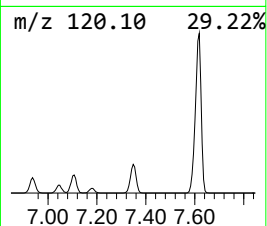
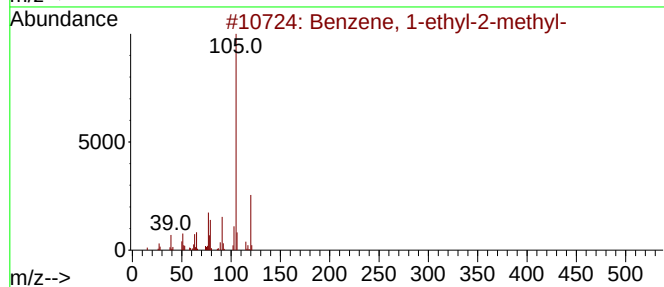
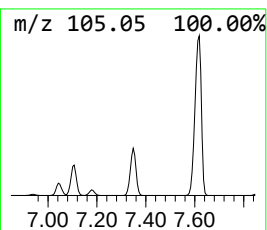
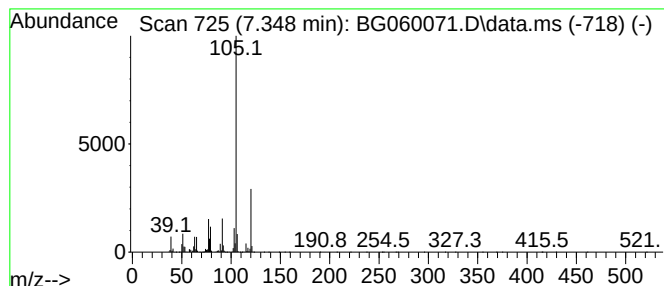
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.348	140.07 ng	3464620	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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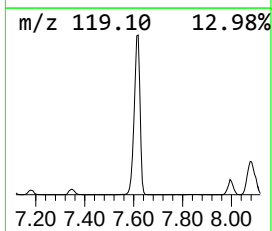
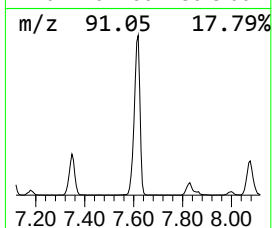
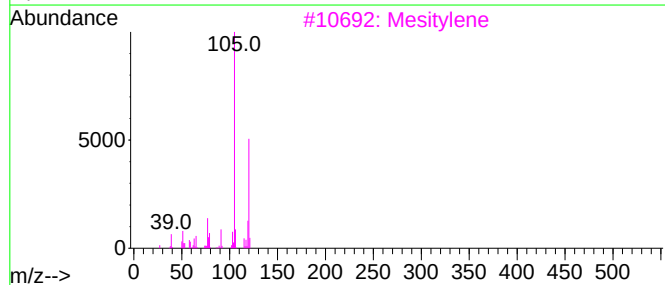
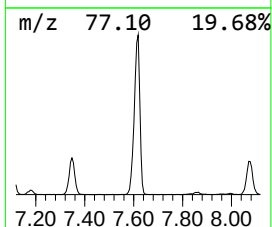
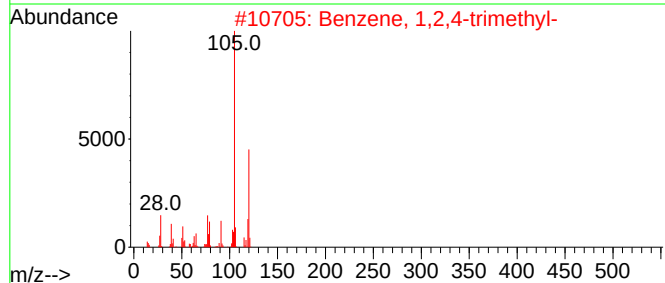
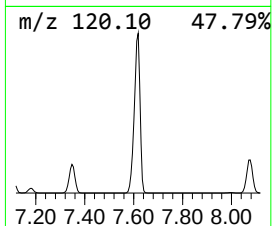
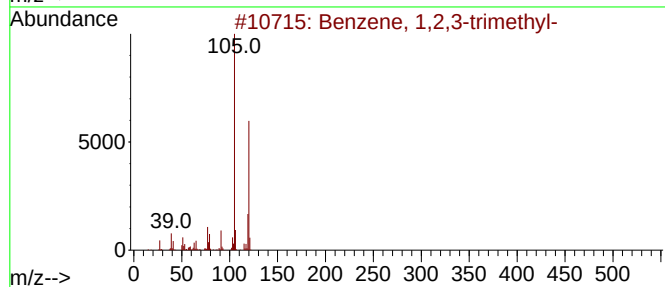
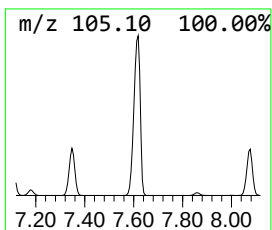
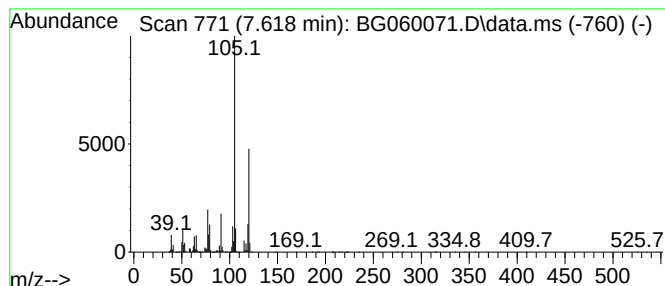
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.618	612.03 ng	15138000	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3			Mesitylene	120	C9H12	000108-67-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

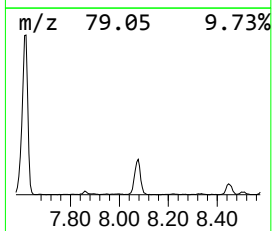
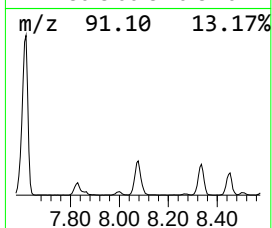
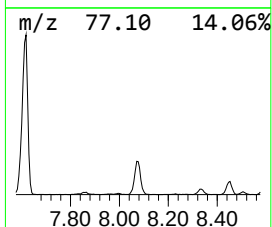
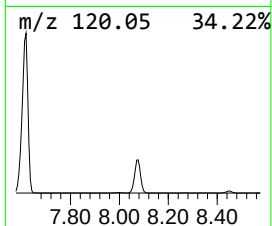
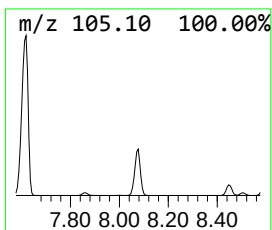
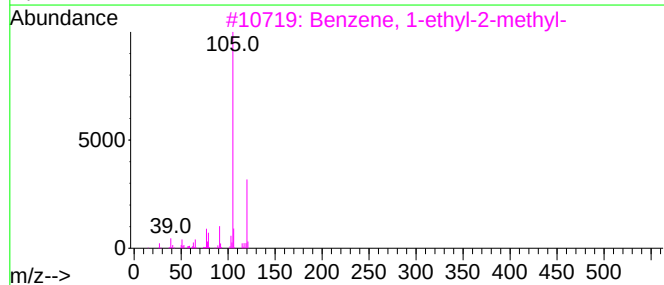
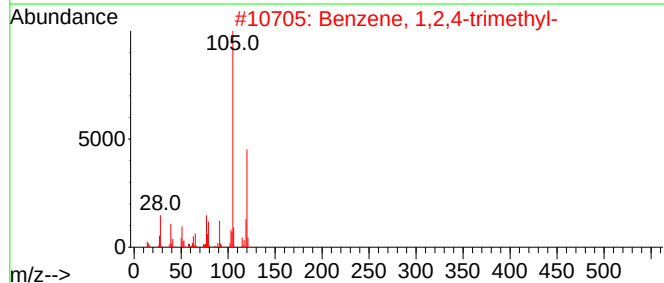
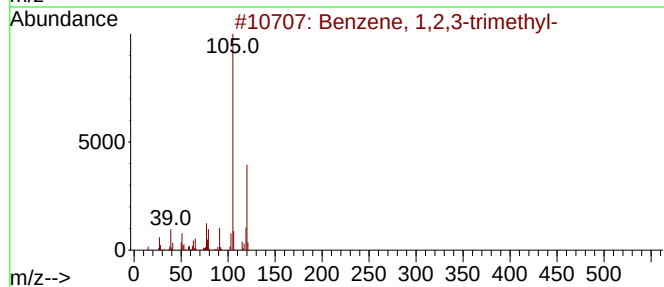
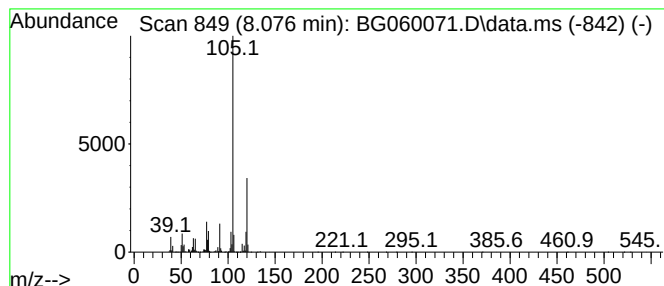
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.076	147.76 ng	3654810	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

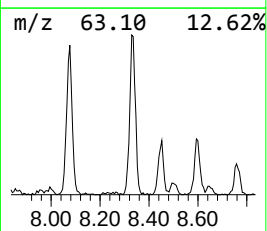
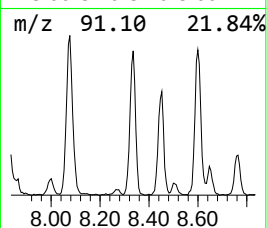
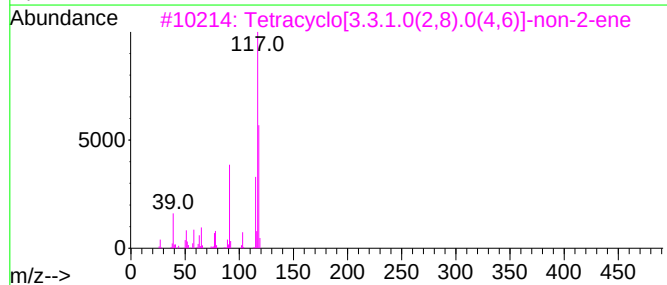
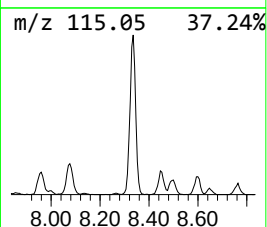
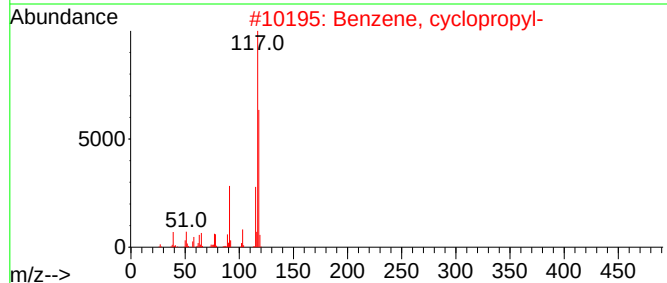
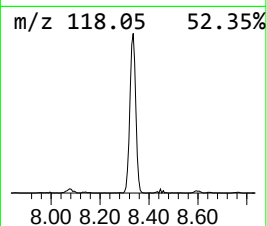
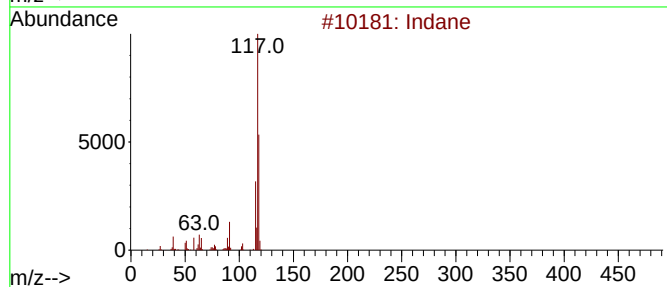
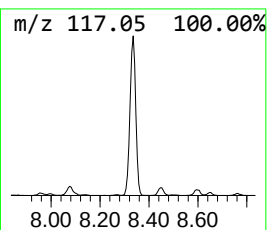
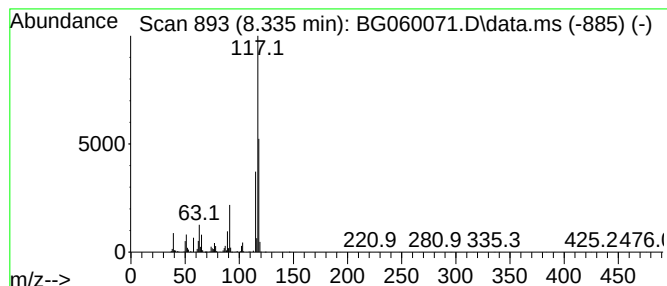
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.335	92.74 ng	2293780	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	87
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
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Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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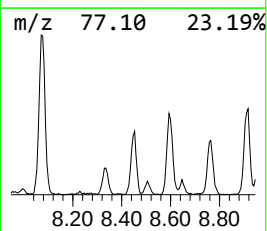
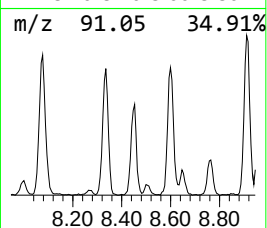
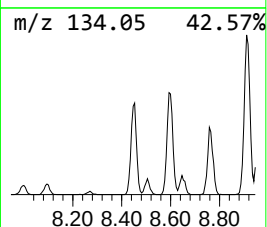
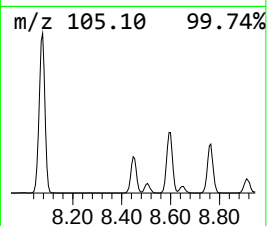
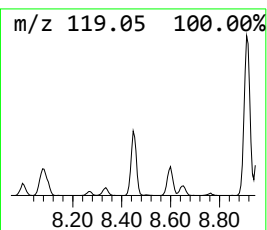
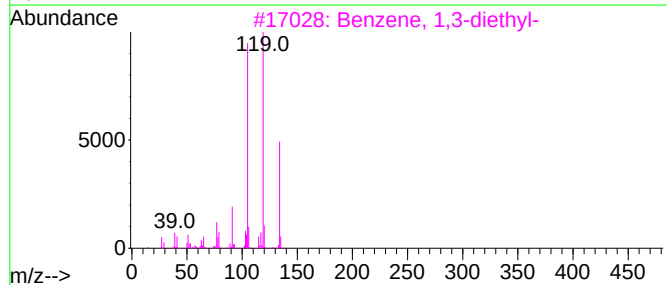
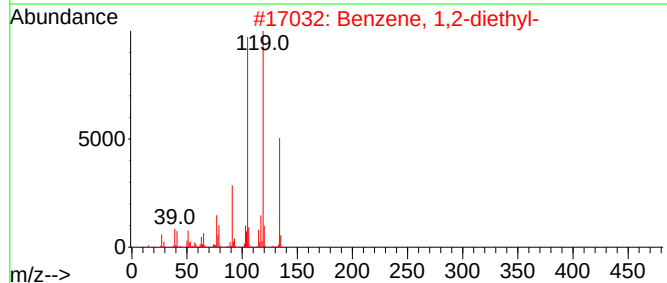
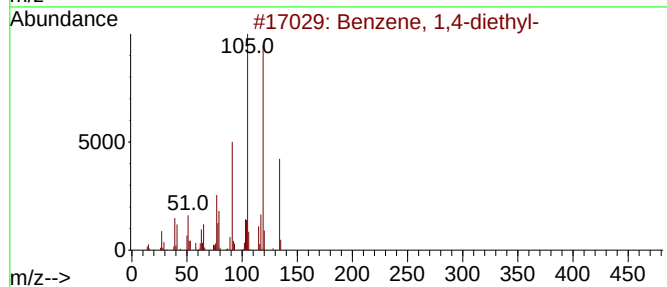
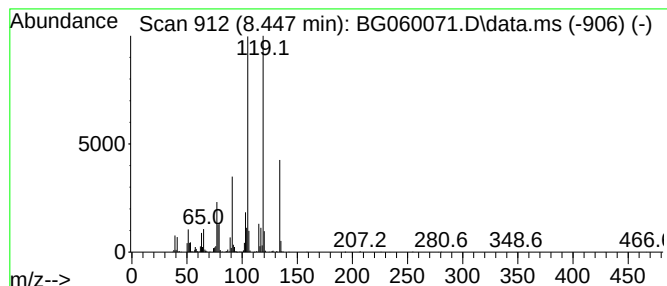
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	57.31 ng	1417480	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4			o-Cymene	134	C10H14	000527-84-4	81
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

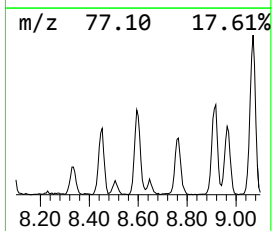
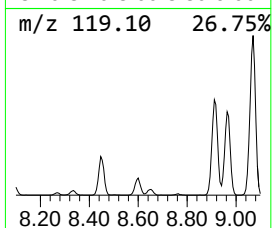
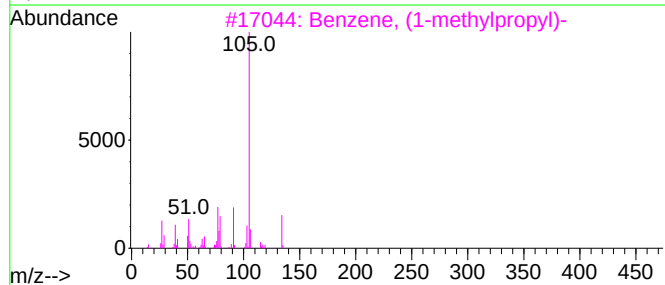
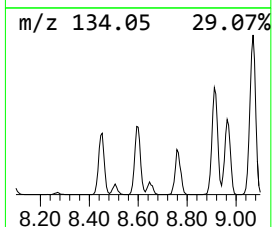
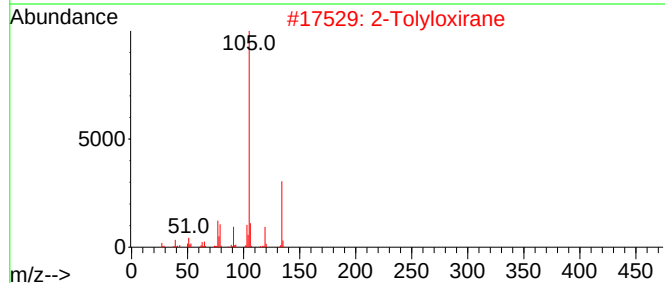
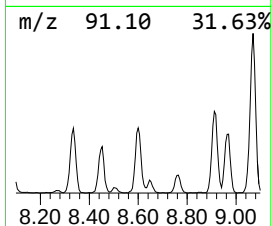
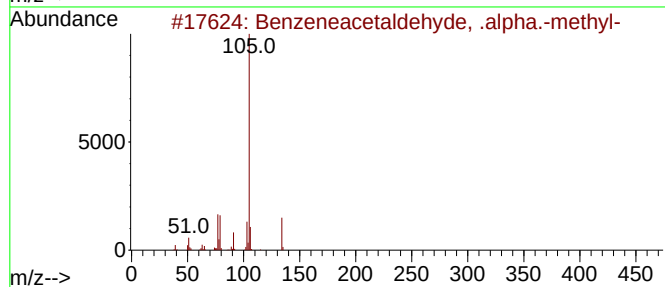
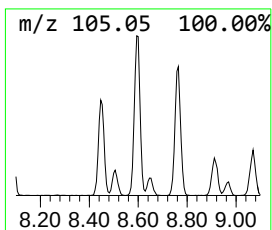
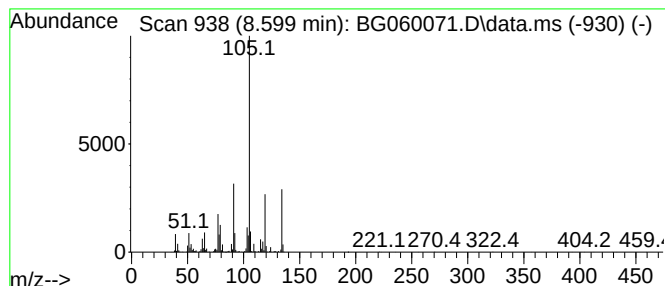
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzeneacetaldehyde, .alpha... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.599	72.47 ng	1792610	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64
2			2-Tolyloxirane	134	C9H10O	002783-26-8	62
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	53
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	52
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
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Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

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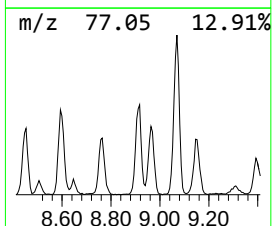
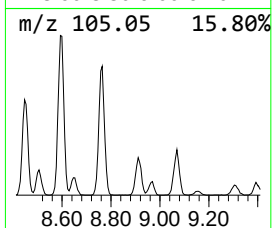
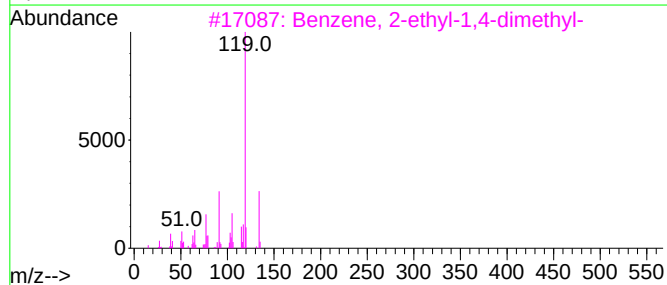
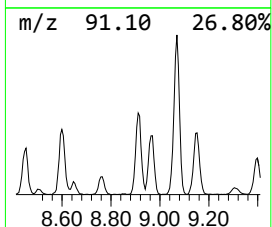
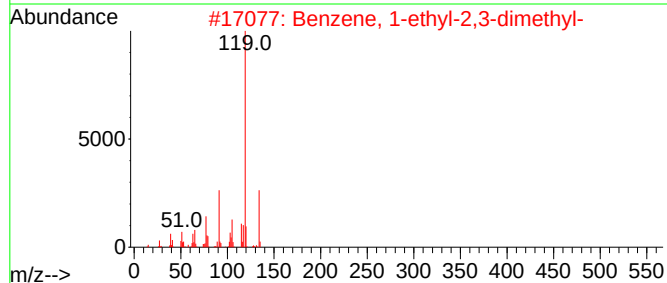
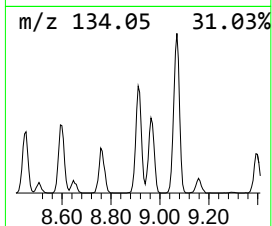
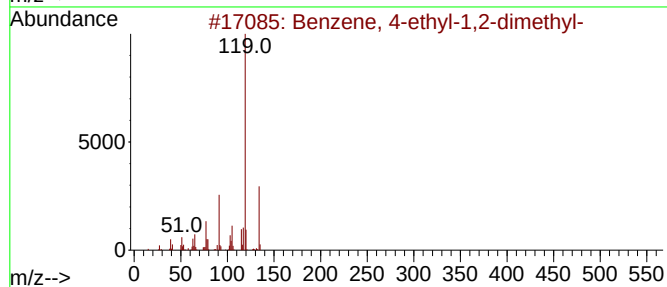
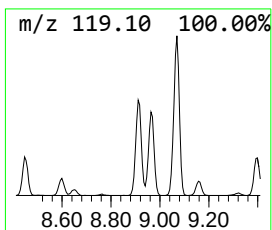
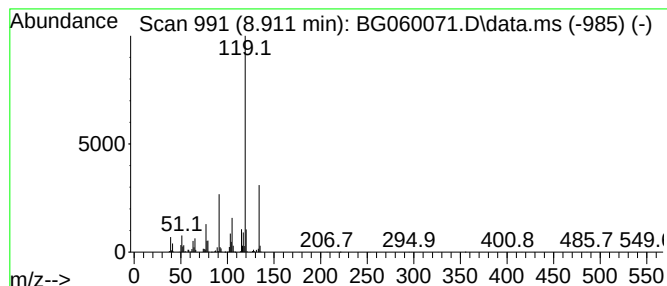
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.911	90.19 ng	2230800	1,4-Dichlorobenzene-d4	7.953

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

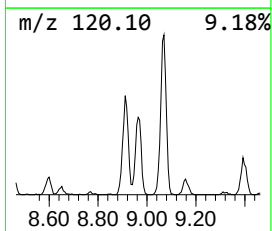
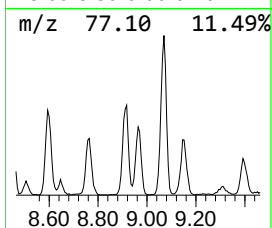
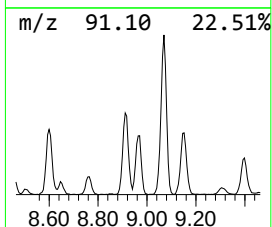
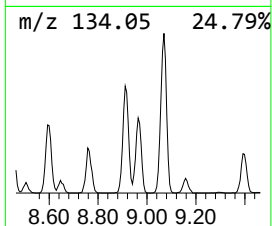
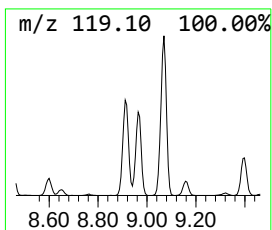
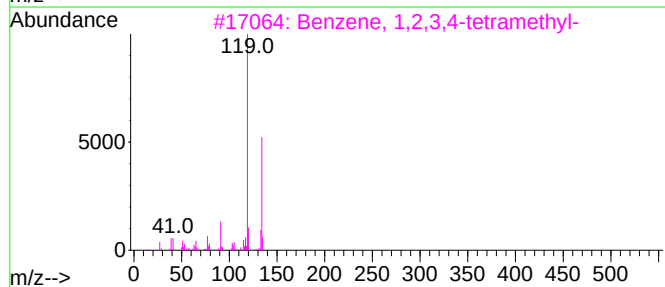
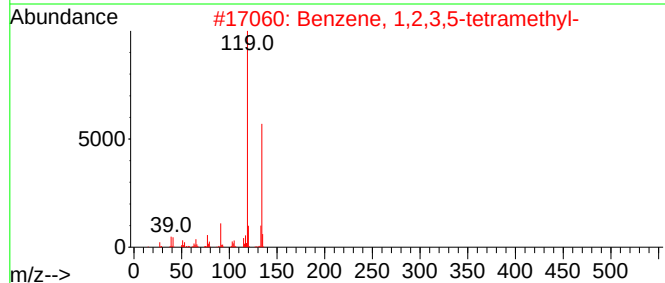
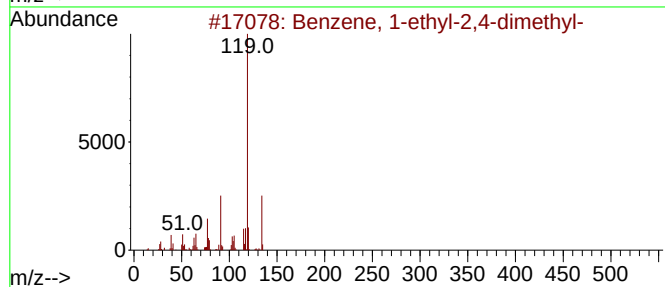
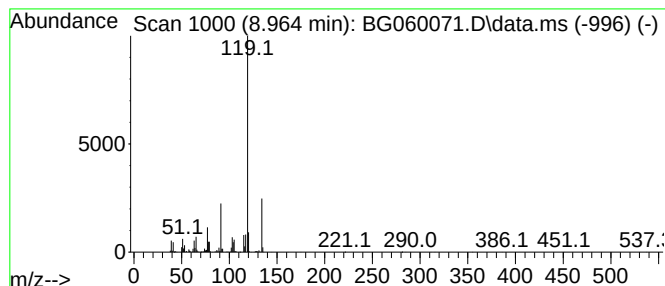
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.964	65.39 ng	1617480	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			p-Cymene	134	C10H14	000099-87-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

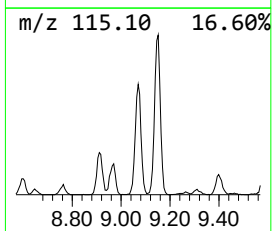
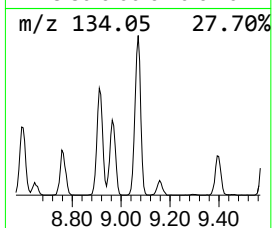
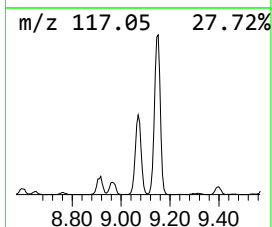
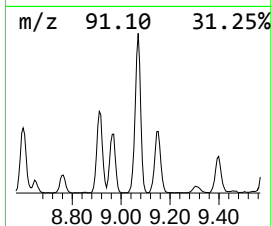
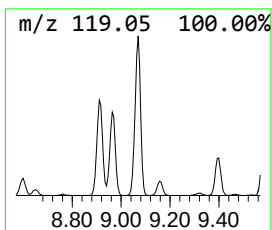
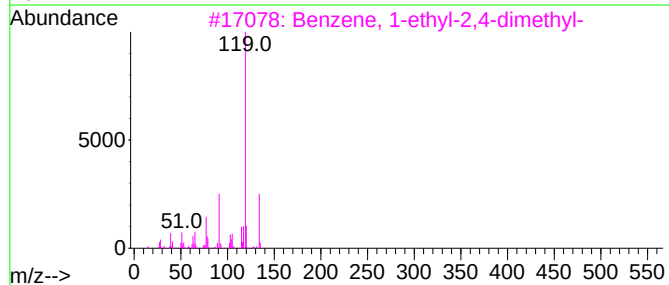
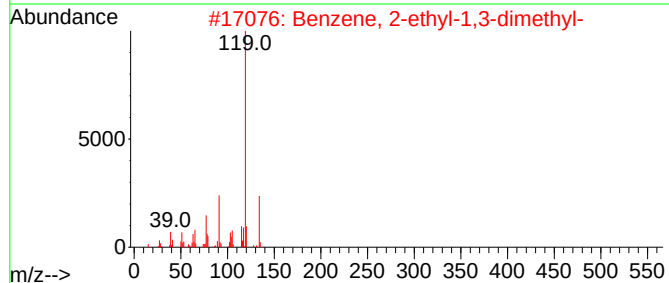
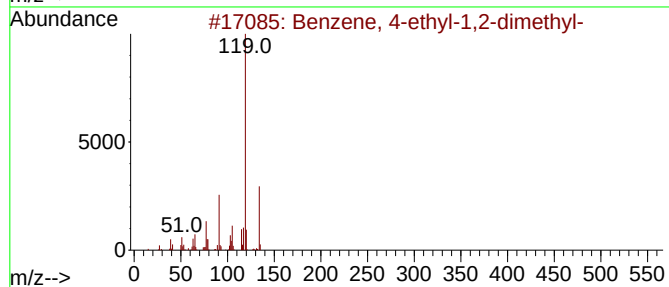
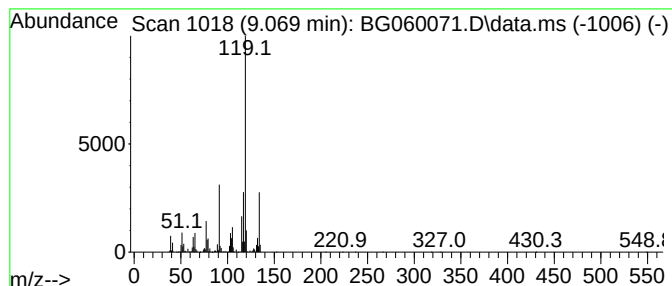
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	179.85 ng	4448540	1,4-Dichlorobenzene-d4	7.953

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

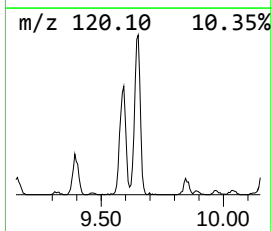
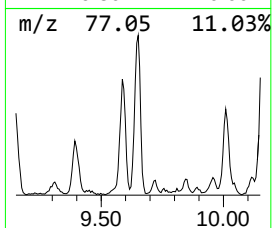
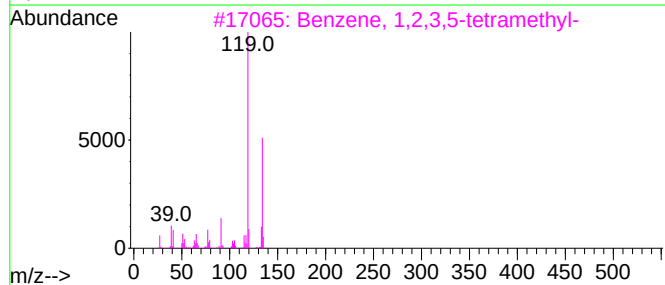
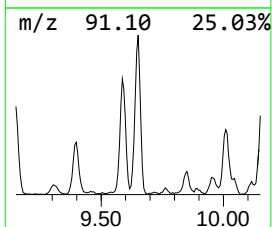
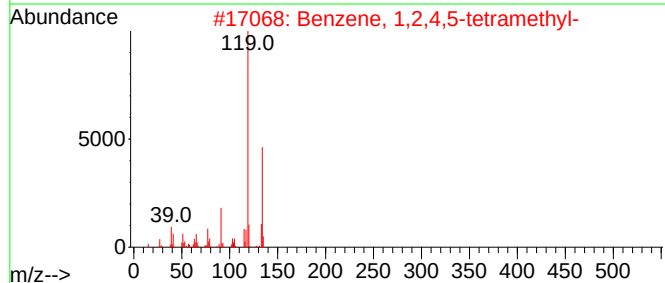
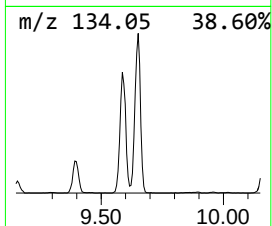
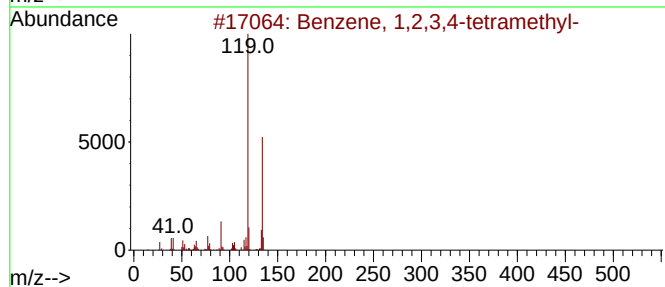
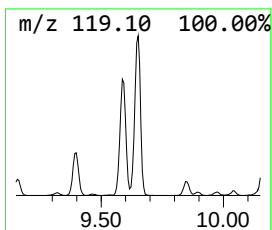
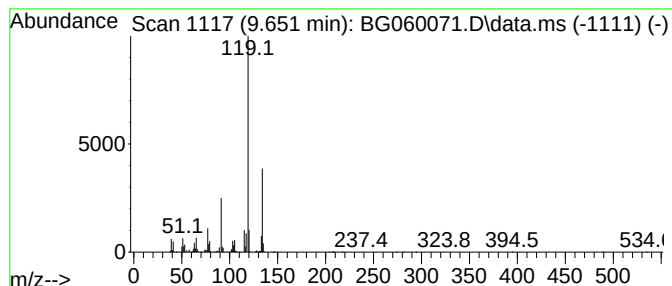
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	27.69 ng	3130400	Naphthalene-d8	10.762

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

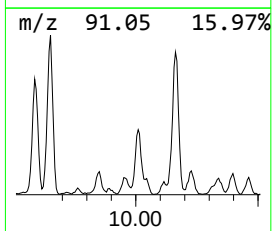
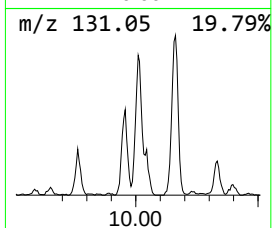
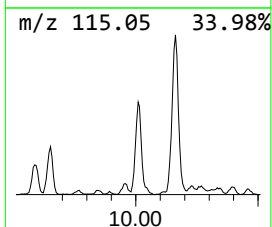
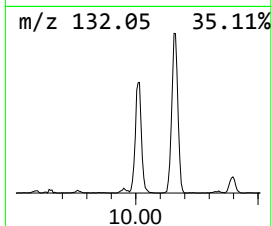
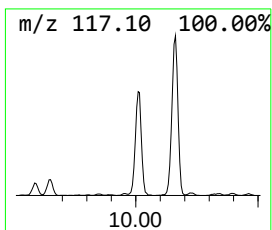
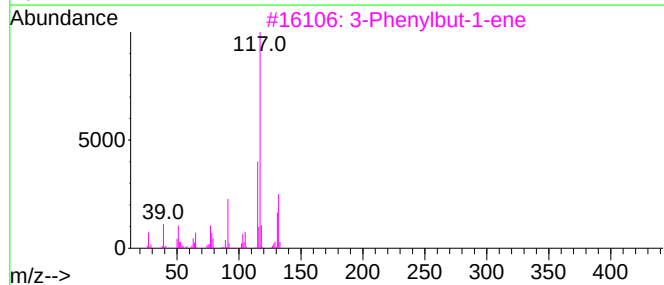
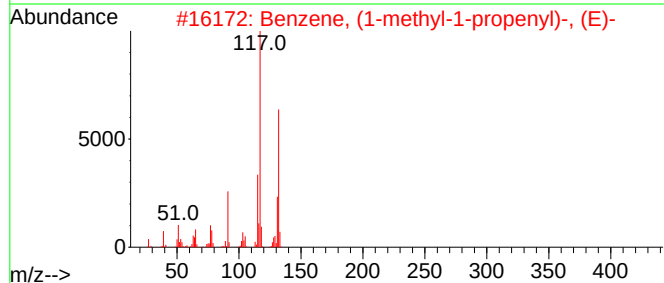
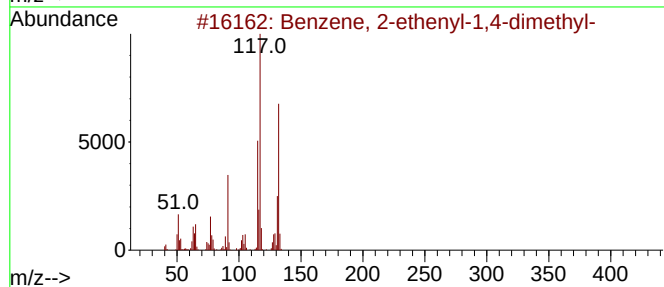
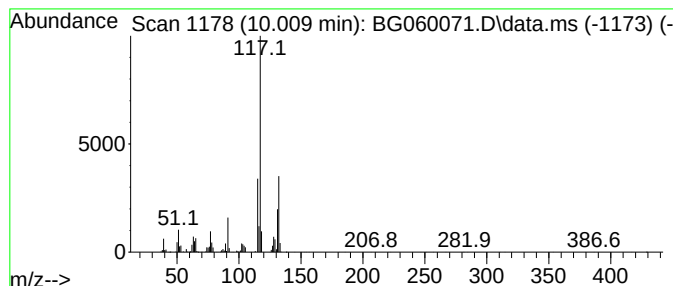
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.009	21.94 ng	2480160	Naphthalene-d8	10.762	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
Data File : BG060071.D
Acq On : 18 Dec 2023 18:14
Operator : MA/JU
Sample : 05670-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-5B

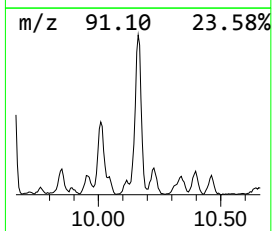
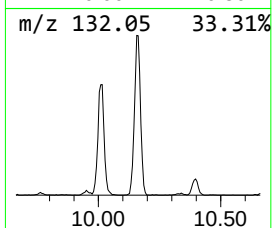
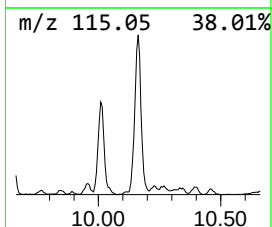
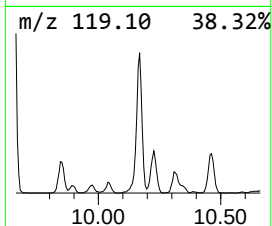
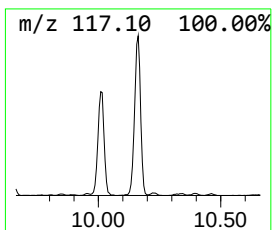
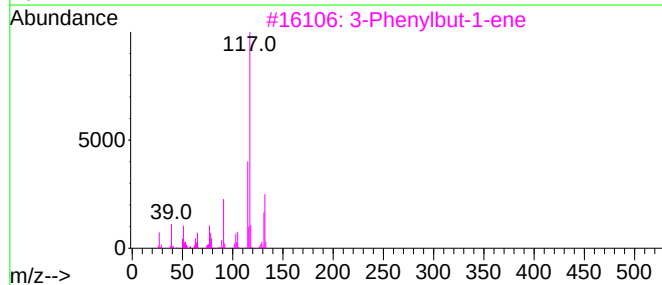
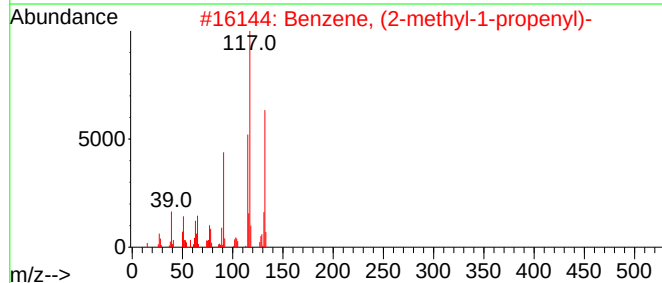
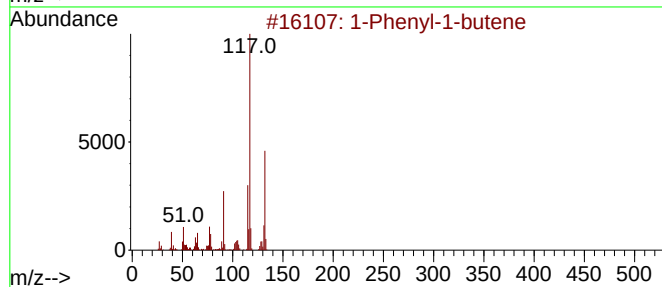
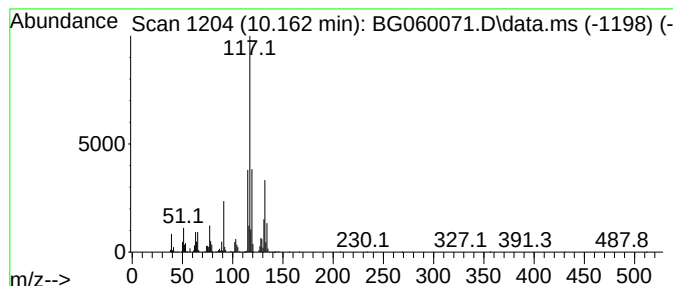
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Phenyl-1-butene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.162	40.41 ng	4568500	Naphthalene-d8	10.762

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	93
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	93
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060071.D
 Acq On : 18 Dec 2023 18:14
 Operator : MA/JU
 Sample : 05670-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, propyl-	6.937	76.8	ng	1898490	1	7.953	494684	20.0
Benzene, 1-ethy...	7.042	39.5	ng	975756	1	7.953	494684	20.0
Mesitylene	7.348	140.1	ng	3464620	1	7.953	494684	20.0
Benzene, 1,2,3-...	7.618	612.0	ng	15138000	1	7.953	494684	20.0
Benzene, 1,2,4-...	8.076	147.8	ng	3654810	1	7.953	494684	20.0
Indane	8.335	92.7	ng	2293780	1	7.953	494684	20.0
Benzene, 1,4-di...	8.447	57.3	ng	1417480	1	7.953	494684	20.0
Benzeneacetalde...	8.599	72.5	ng	1792610	1	7.953	494684	20.0
Benzene, 4-ethy...	8.911	90.2	ng	2230800	1	7.953	494684	20.0
Benzene, 1-ethy...	8.964	65.4	ng	1617480	1	7.953	494684	20.0
Benzene, 2-ethy...	9.069	179.8	ng	4448540	1	7.953	494684	20.0
Benzene, 1,2,3,...	9.651	27.7	ng	3130400	2	10.762	2261340	20.0
Benzene, 2-ethe...	10.009	21.9	ng	2480160	2	10.762	2261340	20.0
1-Phenyl-1-butene	10.162	40.4	ng	4568500	2	10.762	2261340	20.0