

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
 Data File : BM039994.D
 Acq On : 24 May 2023 21:15
 Operator : CG/JU
 Sample : 02888-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-H4(BHF)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.663	54	64	75	rVB2	1433814	2970251	3.07%	0.271%
2	3.846	83	95	98	rBV4	729196	2292617	2.37%	0.209%
3	3.905	101	105	115	rVB2	837568	1887289	1.95%	0.172%
4	4.057	127	131	140	rVB3	2113815	3963422	4.10%	0.362%
5	4.163	141	149	161	rBV2	31773671	74474514	77.10%	6.800%
6	4.334	172	178	183	rBV3	1714994	3485098	3.61%	0.318%
7	4.393	183	188	194	rVB2	4389808	6195603	6.41%	0.566%
8	4.510	203	208	215	rVB	8898486	12644963	13.09%	1.155%
9	4.928	272	279	283	rBV3	1236862	2584648	2.68%	0.236%
10	5.187	318	323	327	rBV	1235946	2020582	2.09%	0.185%
11	5.328	341	347	360	rBV6	546004	1884587	1.95%	0.172%
12	5.446	360	367	369	rVV2	1592986	3056394	3.16%	0.279%
13	5.510	369	378	384	rVV2	30127686	63552426	65.79%	5.803%
14	5.575	384	389	394	rVV2	5711976	9688945	10.03%	0.885%
15	5.651	394	402	414	rVB2	30566301	96600584	100.00%	8.821%
16	5.787	414	425	435	rVB8	1163656	3923713	4.06%	0.358%
17	5.887	435	442	449	rBV	7859812	12838737	13.29%	1.172%
18	5.957	449	454	456	rVV2	1123063	1871767	1.94%	0.171%
19	6.022	456	465	474	rVV2	28628731	64399957	66.67%	5.880%
20	6.275	503	508	522	rVV6	870061	2429510	2.52%	0.222%
21	6.493	539	545	553	rBV	4064594	7147162	7.40%	0.653%
22	6.646	566	571	575	rVV2	1516306	2384467	2.47%	0.218%
23	6.693	575	579	584	rVB	2556106	3958457	4.10%	0.361%
24	6.857	599	607	611	rBV	2684954	4481900	4.64%	0.409%
25	6.993	623	630	638	rBV	7918292	13323123	13.79%	1.217%
26	7.063	638	642	644	rVV	1350450	1923054	1.99%	0.176%
27	7.104	644	649	654	rVV	17378793	27142415	28.10%	2.478%
28	7.163	654	659	666	rVV2	12050568	20756698	21.49%	1.895%
29	7.240	666	672	682	rVB	11440338	17207478	17.81%	1.571%
30	7.404	695	700	704	rVV	6965602	10685264	11.06%	0.976%
31	7.440	704	706	712	rVV2	2090572	3760503	3.89%	0.343%
32	7.504	712	717	722	rVV	6721080	10001277	10.35%	0.913%
33	7.675	732	746	755	rVV3	23953785	56927044	58.93%	5.198%
34	7.757	756	760	769	rVB	1627228	2978538	3.08%	0.272%
35	7.893	777	783	796	rVB6	607477	2415813	2.50%	0.221%
36	8.016	796	804	808	rBV2	1501431	3422091	3.54%	0.312%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.134	819	824	830	rVV	7047699	11668365	12.08%	1.065%
38	8.204	830	836	841	rVB	8364171	12688086	13.13%	1.159%
39	8.310	846	854	862	rVB7	748547	2058036	2.13%	0.188%
40	8.398	862	869	875	rBV	8336949	13065431	13.53%	1.193%
41	8.469	875	881	886	rVB2	1128613	1874993	1.94%	0.171%
42	8.575	891	899	905	rVV2	30099237	65161666	67.45%	5.950%
43	8.663	908	914	921	rBV2	4726905	7597858	7.87%	0.694%
44	8.834	938	943	953	rVB2	907871	1918049	1.99%	0.175%
45	8.975	961	967	972	rBV	1579576	2622918	2.72%	0.240%
46	9.028	972	976	983	rVV	1494639	2954985	3.06%	0.270%
47	9.128	988	993	998	rVV2	5523217	9489733	9.82%	0.867%
48	9.187	998	1003	1006	rVV	2310389	4108291	4.25%	0.375%
49	9.251	1009	1014	1019	rVV2	4883692	8750703	9.06%	0.799%
50	9.716	1088	1093	1100	rVB2	2279838	3766007	3.90%	0.344%
51	9.851	1109	1116	1125	rBV	5166765	12528128	12.97%	1.144%
52	10.257	1176	1185	1192	rVV3	6146313	16661976	17.25%	1.521%
53	10.334	1192	1198	1210	rVB	3761709	10654025	11.03%	0.973%
54	10.504	1222	1227	1230	rVV	2138632	3551178	3.68%	0.324%
55	10.534	1230	1232	1243	rVB	1392169	2142355	2.22%	0.196%
56	10.686	1251	1258	1261	rBV3	1096622	1894212	1.96%	0.173%
57	10.810	1274	1279	1281	rBV	1976642	3069456	3.18%	0.280%
58	10.904	1286	1295	1301	rVB2	30334445	77827446	80.57%	7.107%
59	11.004	1306	1312	1317	rVV	2519812	4092515	4.24%	0.374%
60	11.345	1365	1370	1377	rBV	1697666	2818617	2.92%	0.257%
61	11.486	1387	1394	1400	rBV2	1849010	3553844	3.68%	0.325%
62	12.492	1557	1565	1575	rVB	11443709	19081976	19.75%	1.742%
63	12.704	1594	1601	1610	rBV	6337678	9974131	10.33%	0.911%
64	13.280	1694	1699	1710	rVB	6114531	8873836	9.19%	0.810%
65	13.916	1800	1807	1812	rBV	4195958	6134227	6.35%	0.560%
66	14.369	1877	1884	1889	rBV	4828416	6824560	7.06%	0.623%
67	14.533	1907	1912	1919	rBV	1224443	2132608	2.21%	0.195%
68	14.651	1928	1932	1936	rBV	2065197	2664758	2.76%	0.243%
69	14.904	1970	1975	1985	rBV3	852466	2042932	2.11%	0.187%
70	15.010	1988	1993	1999	rVV	2418748	3874448	4.01%	0.354%
71	16.133	2179	2184	2192	rBV2	4065440	5952575	6.16%	0.544%
72	16.286	2205	2210	2215	rBV	4221440	5442188	5.63%	0.497%
73	16.351	2216	2221	2226	rVB	3868768	5363076	5.55%	0.490%
74	17.051	2335	2340	2345	rBV4	1048908	2187849	2.26%	0.200%
75	17.151	2354	2357	2366	rVB4	1231334	2376774	2.46%	0.217%
76	17.280	2370	2379	2385	rVB	11052889	16441440	17.02%	1.501%

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

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 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.398	2394	2399	2403	rVV	2553278	3628077	3.76%	0.331%
78	17.580	2425	2430	2432	rBV	8318699	10287808	10.65%	0.939%
79	17.615	2432	2436	2441	rVV	13950592	19416827	20.10%	1.773%
80	17.815	2464	2470	2477	rBV	5242498	7196147	7.45%	0.657%
81	17.921	2484	2488	2494	rVB	2175013	3234125	3.35%	0.295%
82	18.021	2500	2505	2509	rVB	2581559	3274527	3.39%	0.299%
83	18.104	2515	2519	2526	rVB	7164952	9417284	9.75%	0.860%
84	18.292	2544	2551	2556	rBV2	9298238	15631915	16.18%	1.427%
85	18.721	2619	2624	2629	rVB	1643446	2530569	2.62%	0.231%
86	19.074	2680	2684	2691	rBV	5546122	7320738	7.58%	0.668%
87	19.227	2706	2710	2717	rVV	1544848	2295692	2.38%	0.210%
88	19.321	2721	2726	2734	rVB2	2085868	4797510	4.97%	0.438%
89	19.433	2740	2745	2749	rBV	3784037	6208803	6.43%	0.567%
90	19.562	2763	2767	2773	rBV3	2138764	3882286	4.02%	0.354%
91	19.698	2788	2790	2796	rVB3	2200066	2805021	2.90%	0.256%
92	20.009	2839	2843	2849	rVB	8492698	10503356	10.87%	0.959%
93	20.133	2858	2864	2869	rBV6	961232	2391144	2.48%	0.218%
94	21.092	3020	3027	3032	rBV2	4757633	9389837	9.72%	0.857%
95	21.139	3033	3035	3042	rVB2	1260171	2244966	2.32%	0.205%
96	21.262	3052	3056	3061	rBV	5472969	7216805	7.47%	0.659%
97	21.398	3076	3079	3086	rVB	2568914	3090612	3.20%	0.282%
98	21.480	3090	3093	3097	rVB	2065774	2193262	2.27%	0.200%
99	21.568	3104	3108	3118	rVB	3182413	4921050	5.09%	0.449%
100	24.021	3520	3525	3535	rVB	2043250	4100095	4.24%	0.374%

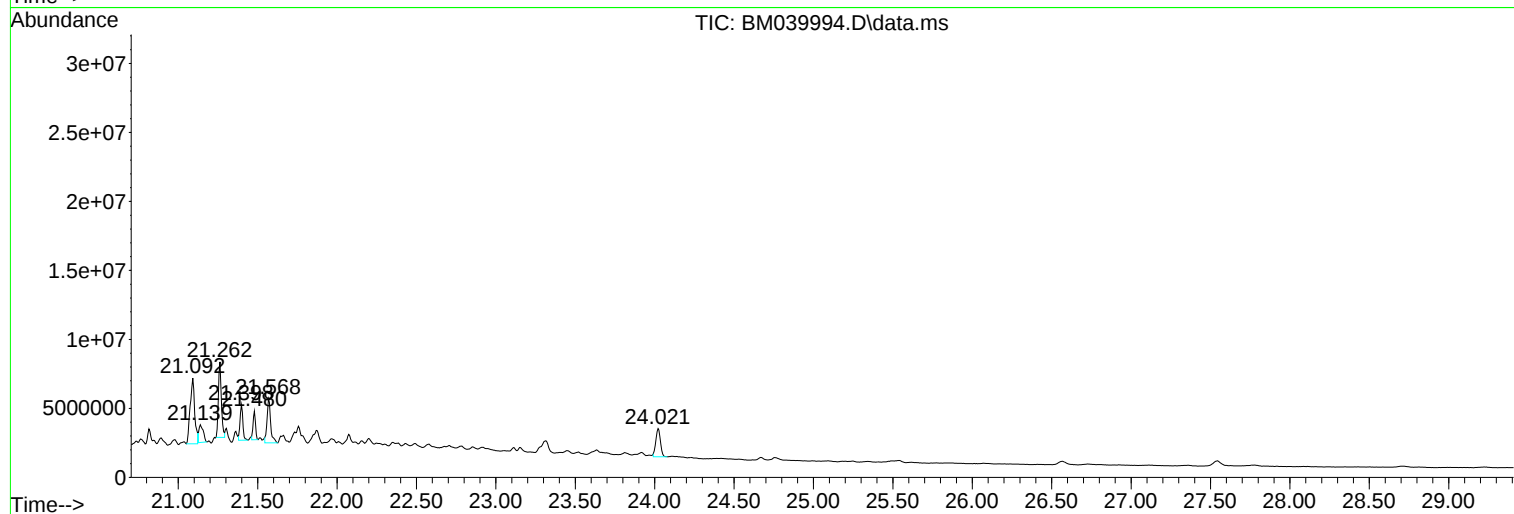
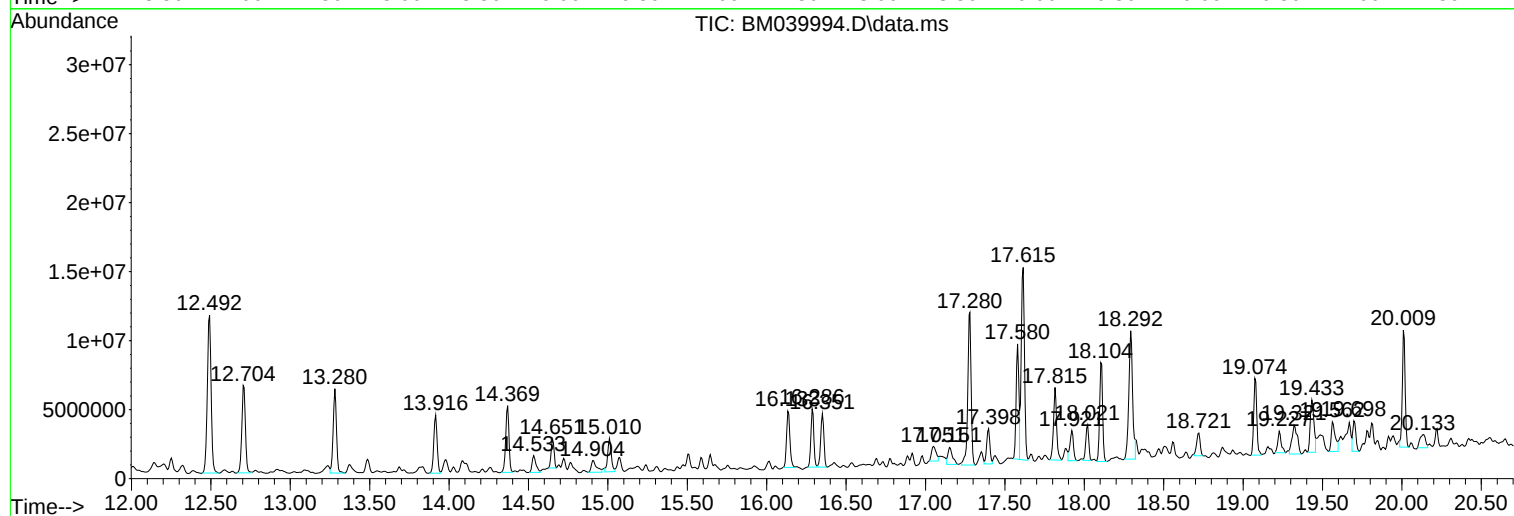
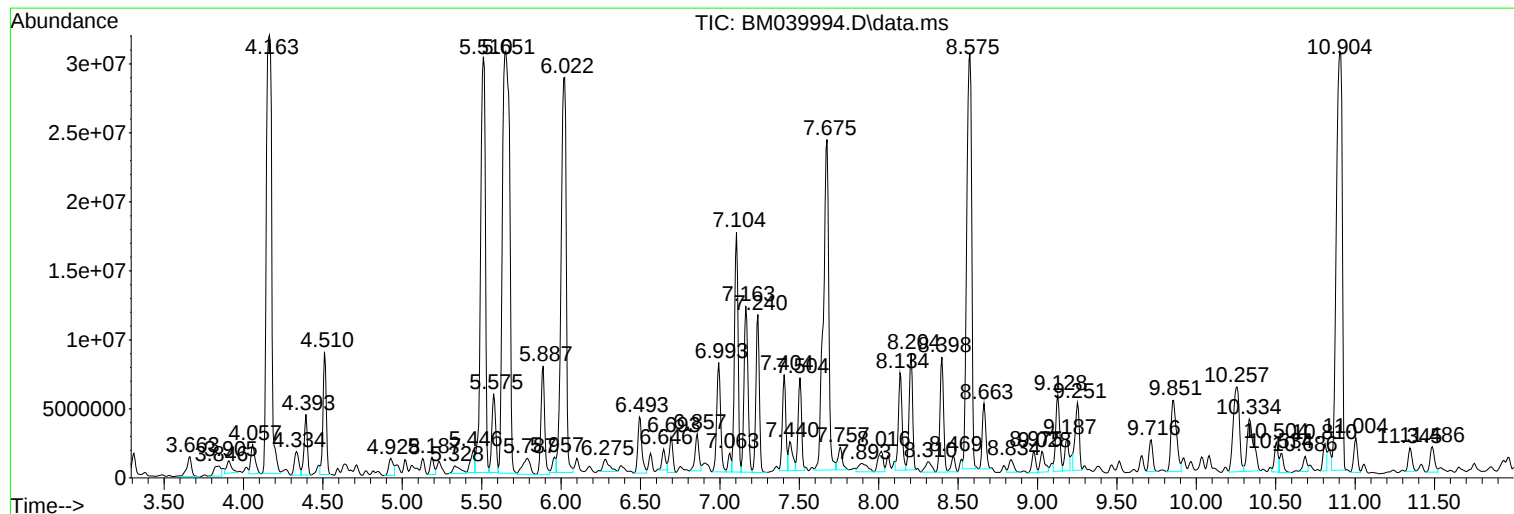
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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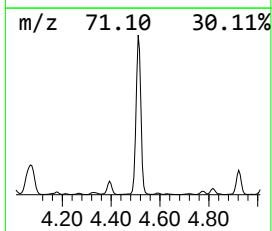
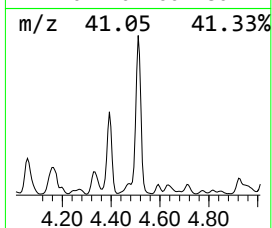
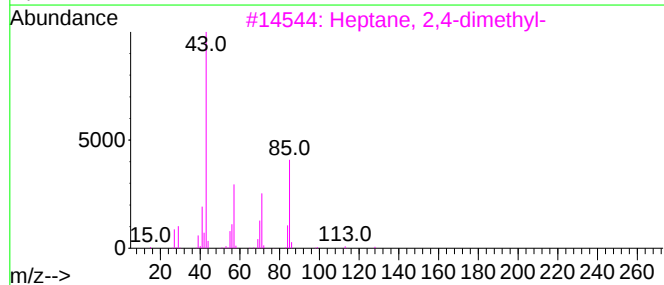
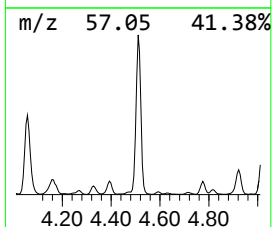
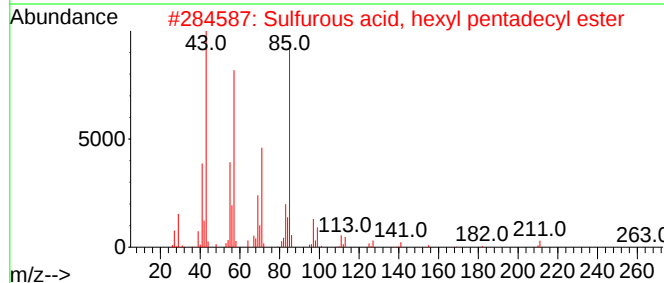
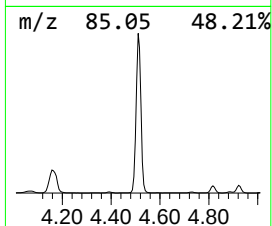
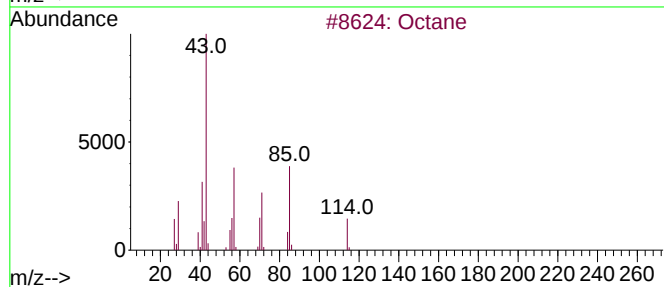
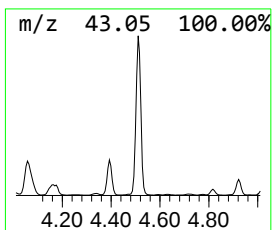
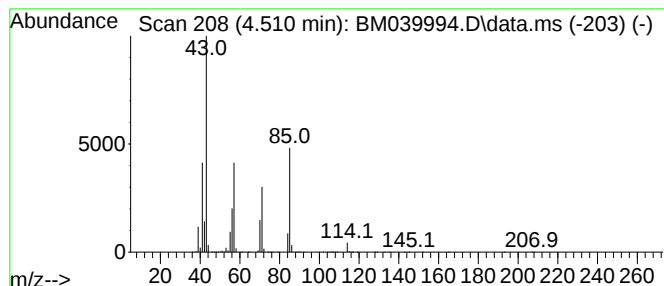
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.510	73.90 ng	12645000	1,4-Dichlorobenzene-d4	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	91
2	Sulfurous acid, hexyl pentadecyl...			376	C21H44O3S	1000309-13-7	72
3	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72
4	Hexane, 3-ethyl-			114	C8H18	000619-99-8	64
5	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	64



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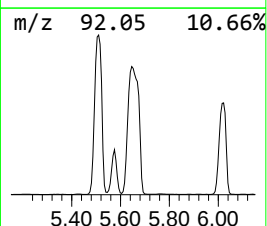
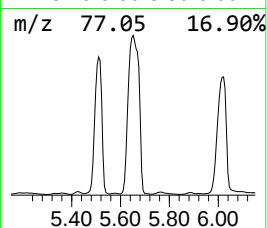
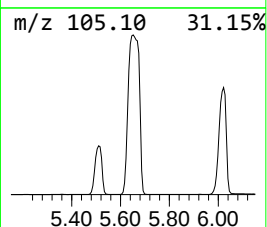
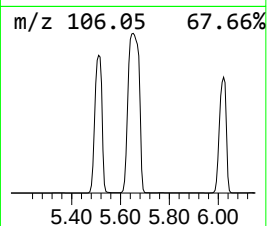
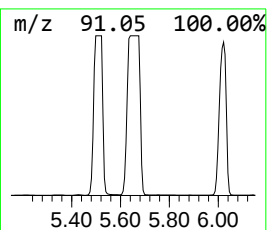
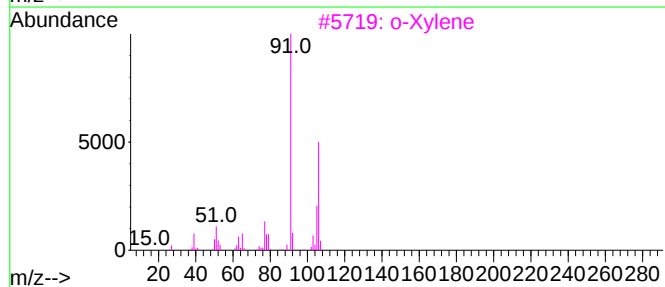
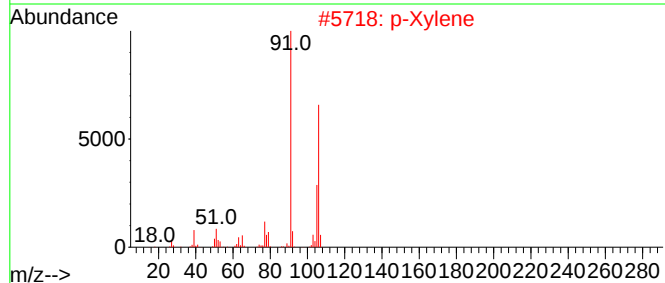
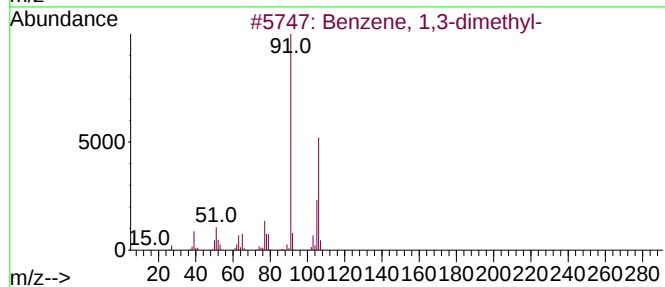
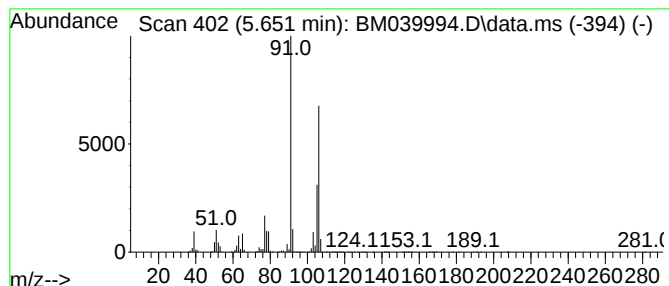
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.651	564.57 ng	96600600	1,4-Dichlorobenzene-d4	8.016

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	94
4			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5			Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	83



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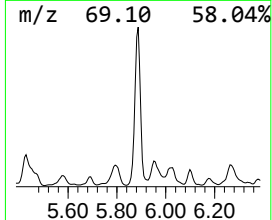
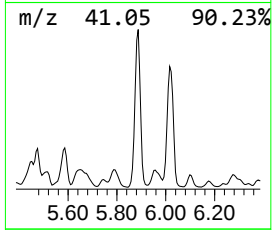
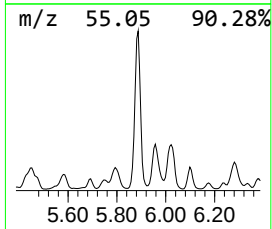
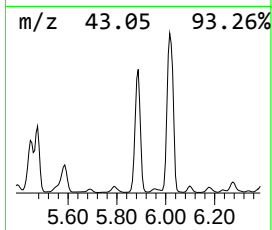
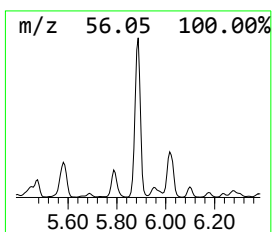
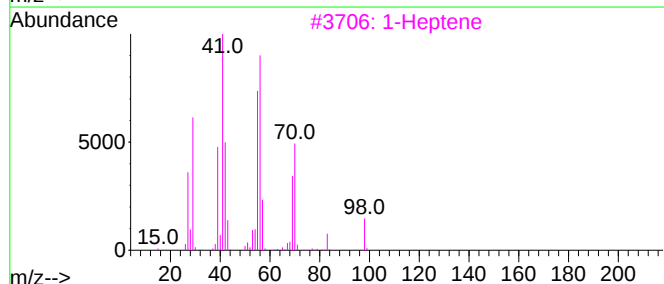
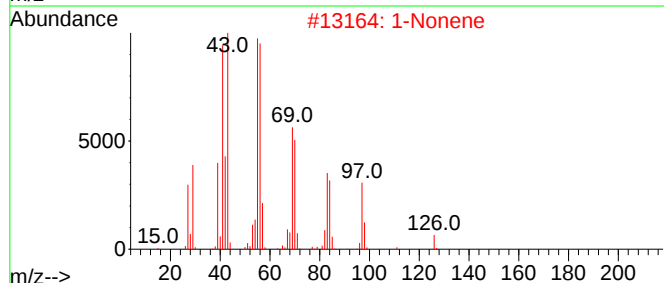
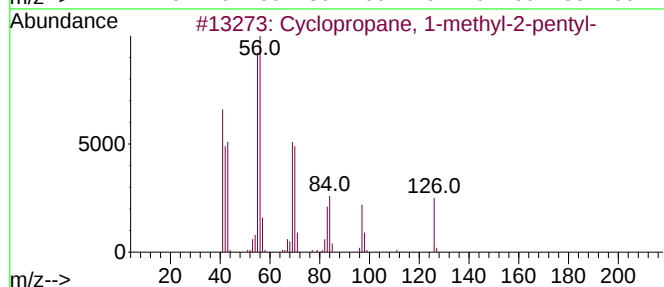
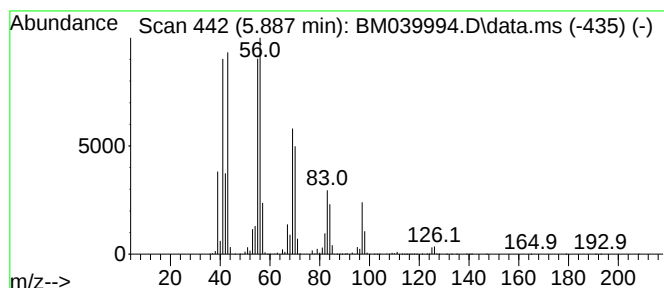
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopropane, 1-methyl-2-pe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	75.03 ng	12838700	1,4-Dichlorobenzene-d4	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	94
2			1-Nonene	126	C9H18	000124-11-8	90
3			1-Heptene	98	C7H14	000592-76-7	76
4			Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	72
5			(Z)-2-Heptene	98	C7H14	006443-92-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-H4(BHF)

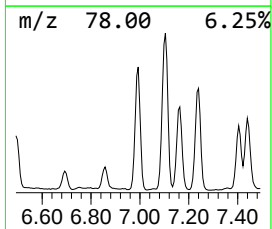
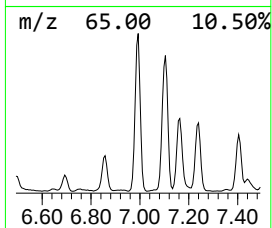
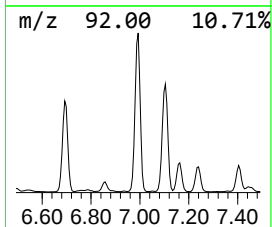
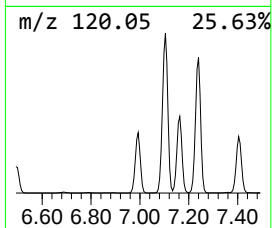
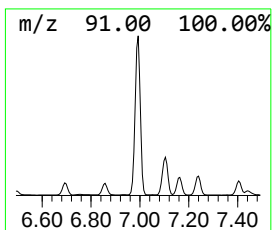
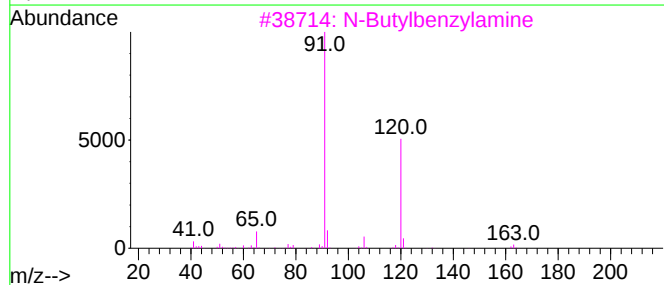
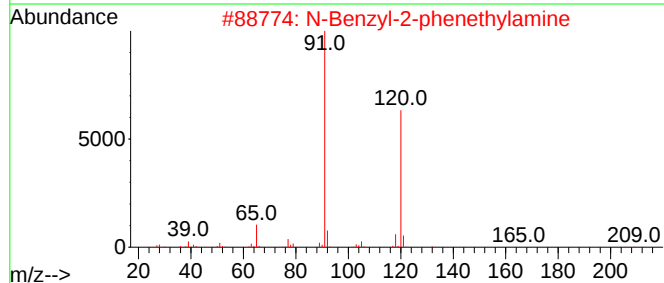
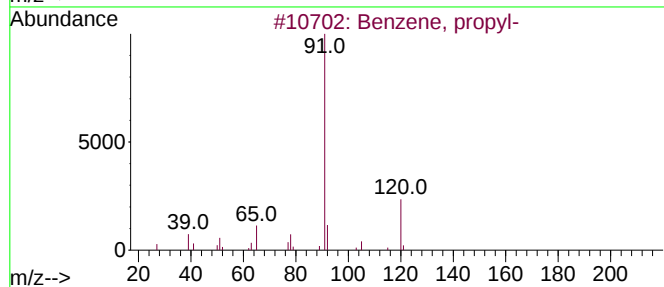
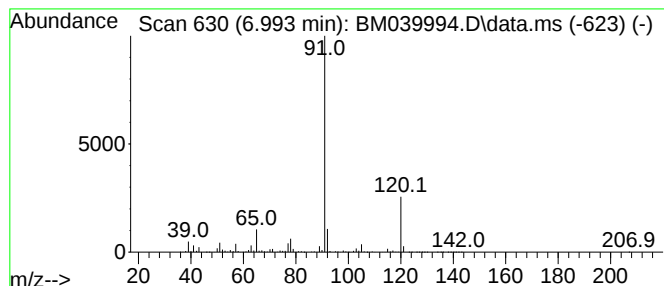
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	77.87 ng	13323100	1,4-Dichlorobenzene-d4	8.016

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			N-Butylbenzylamine	163	C11H17N	002403-22-7	72
4			Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5			N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
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Acq On : 24 May 2023 21:15
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
S-H4(BHF)

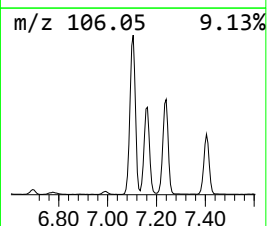
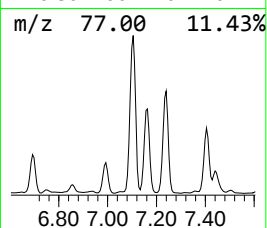
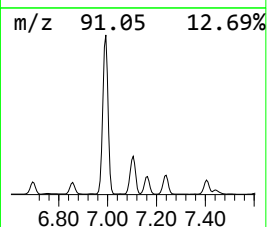
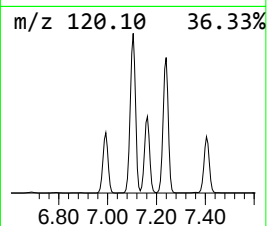
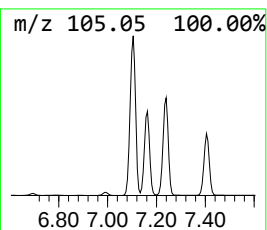
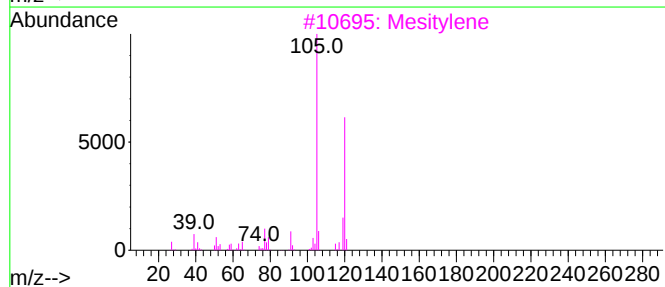
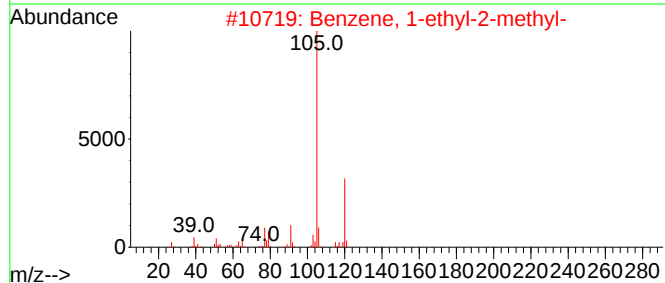
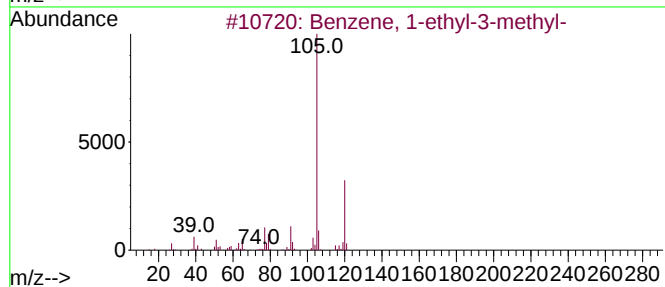
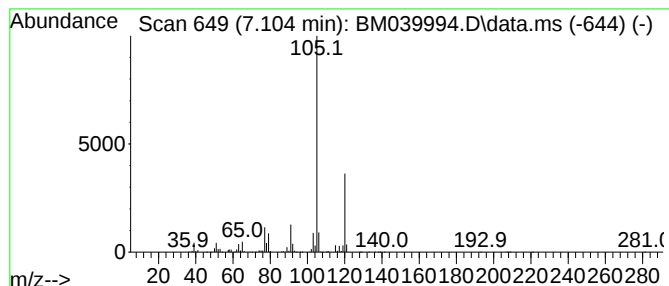
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	158.63 ng	27142400	1,4-Dichlorobenzene-d4	8.016

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

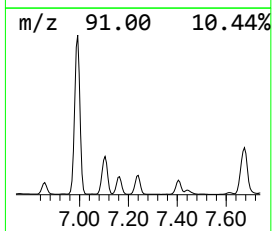
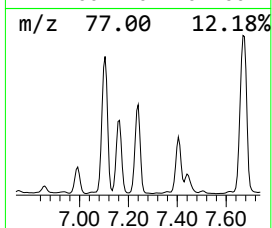
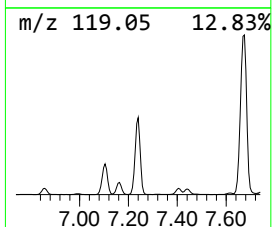
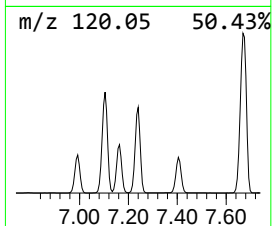
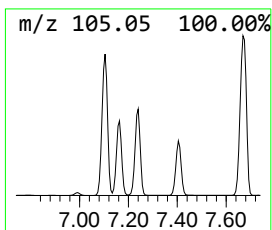
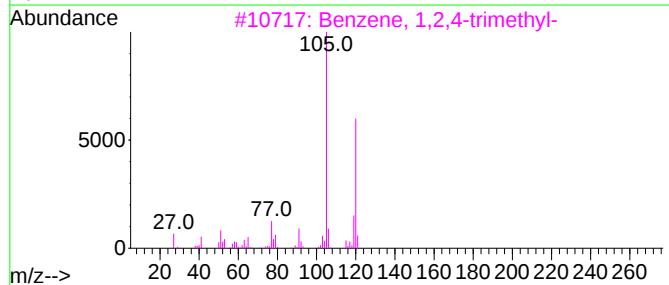
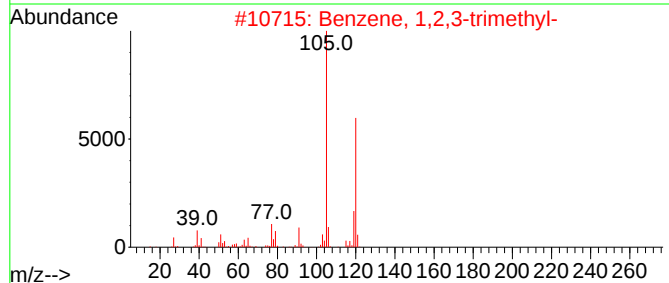
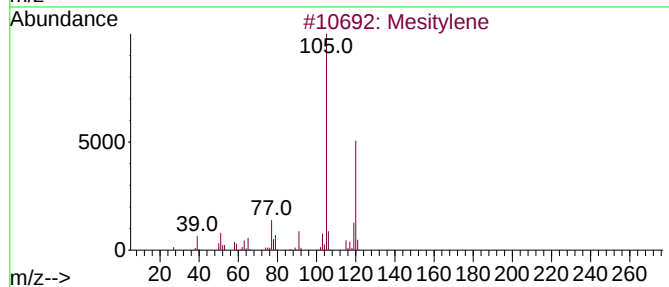
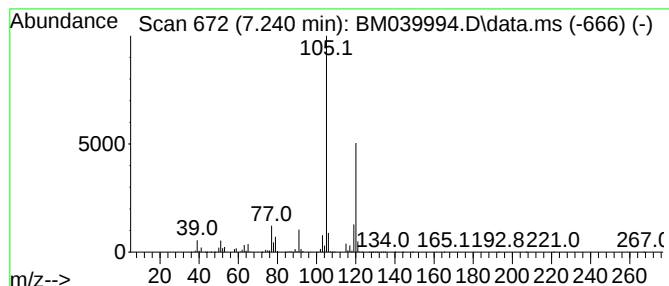
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.240	100.57 ng	17207500	1,4-Dichlorobenzene-d4	8.016

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	97
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

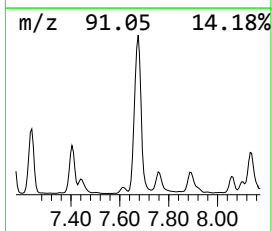
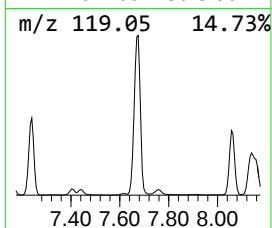
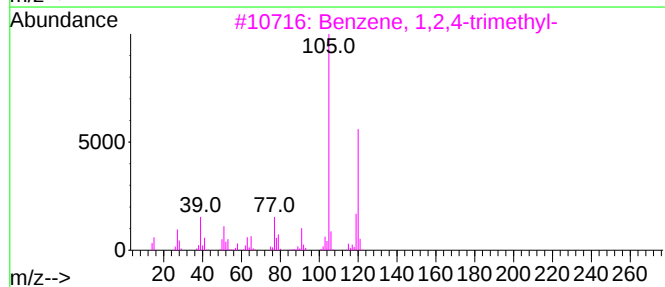
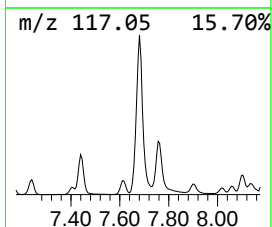
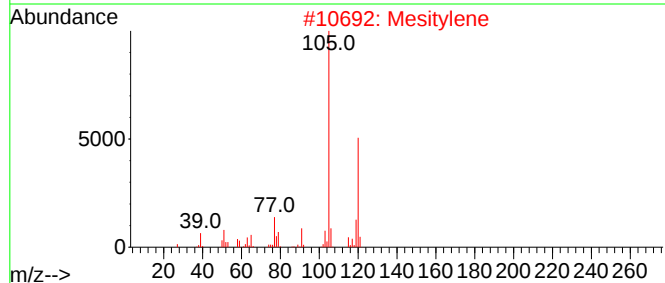
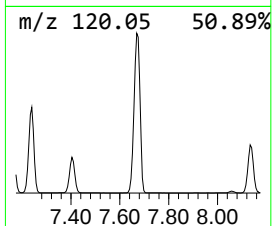
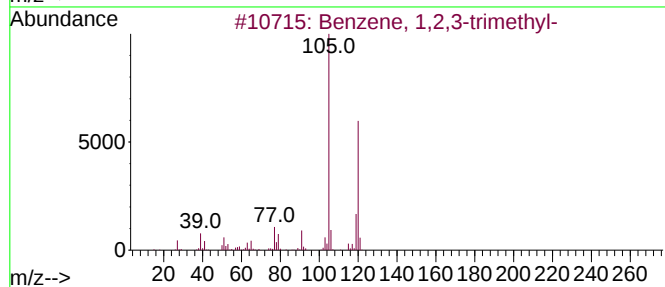
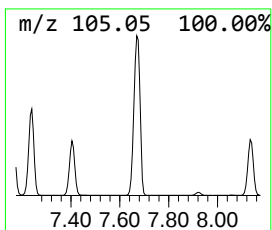
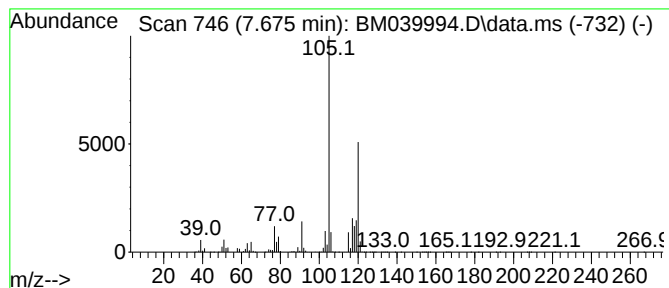
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	332.70 ng	56927000	1,4-Dichlorobenzene-d4	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

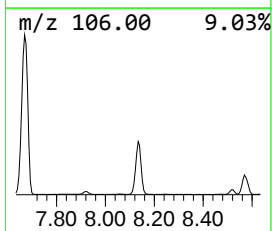
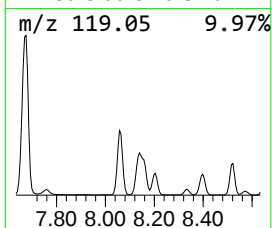
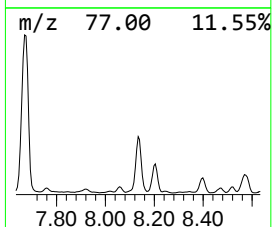
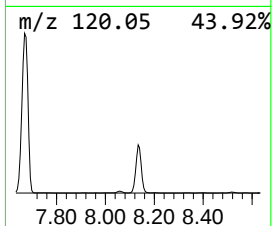
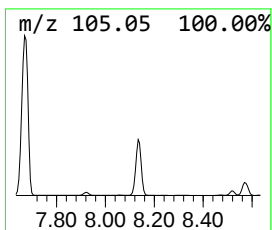
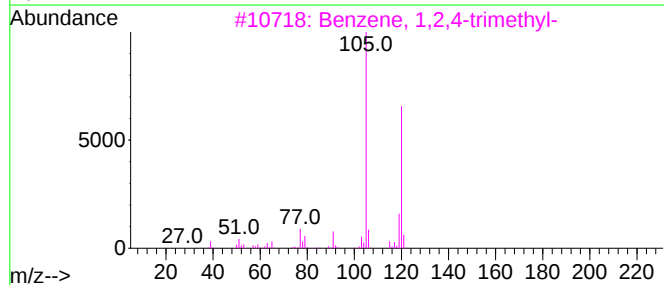
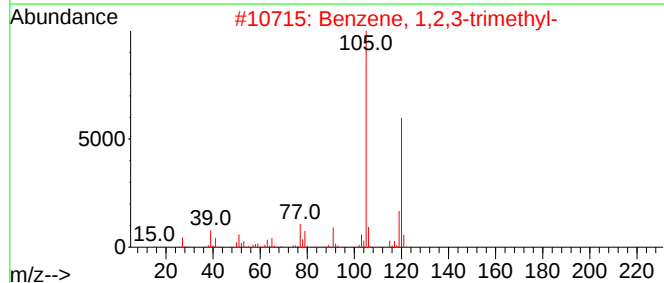
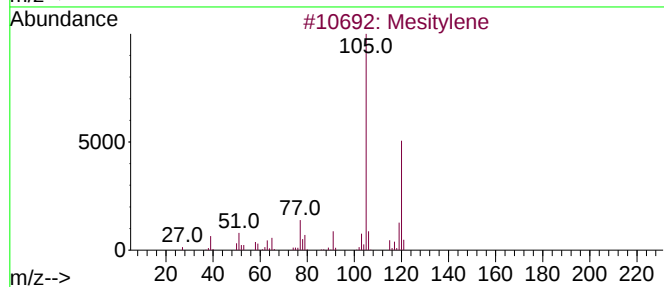
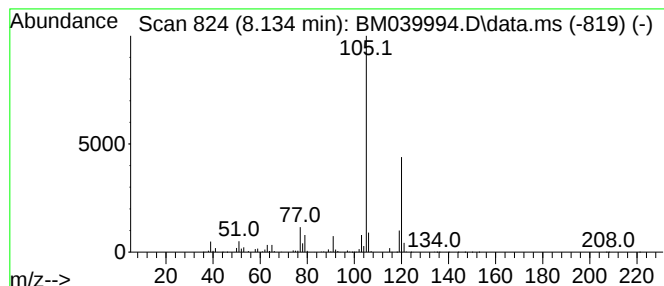
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	68.19 ng	11668400	1,4-Dichlorobenzene-d4	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
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Operator : CG/JU
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ClientSampleId :
S-H4(BHF)

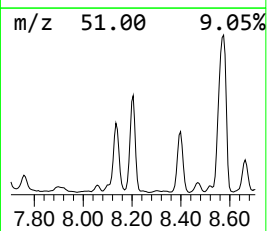
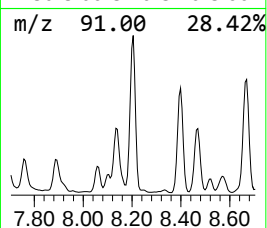
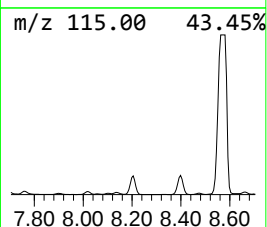
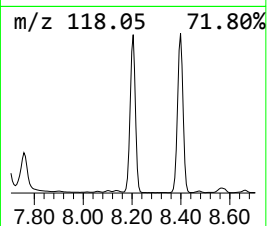
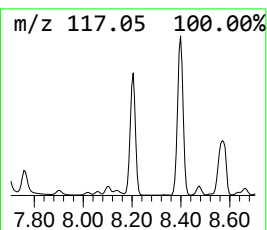
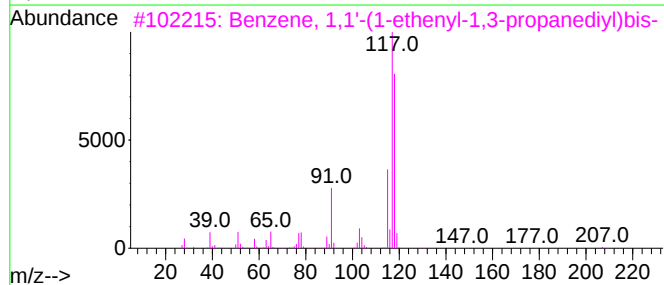
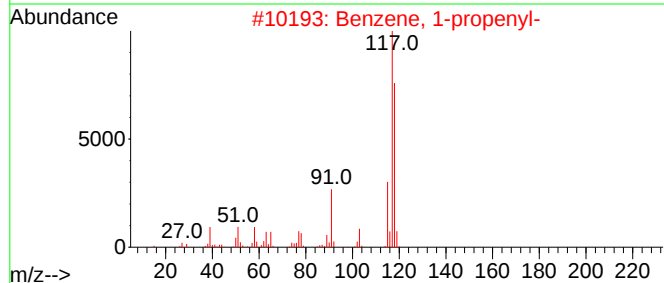
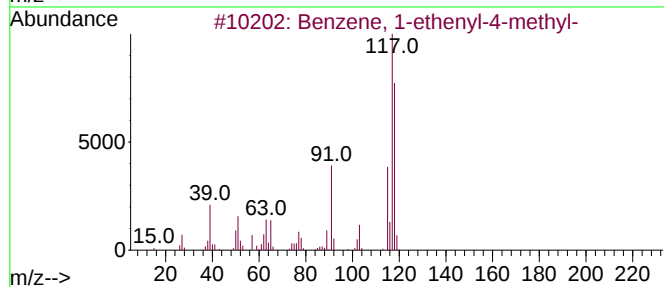
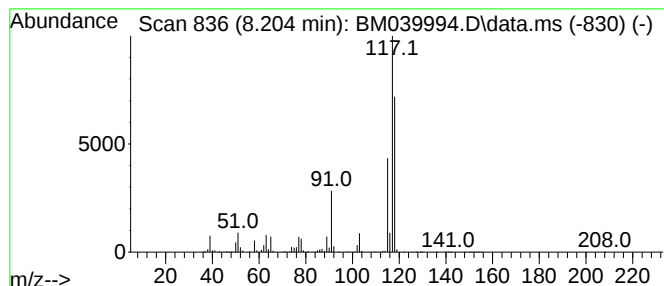
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-ethenyl-4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.204	74.15 ng	12688100	1,4-Dichlorobenzene-d4	8.016

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	89
3			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	86
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
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Sample : 02888-01
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ALS Vial : 20 Sample Multiplier: 1

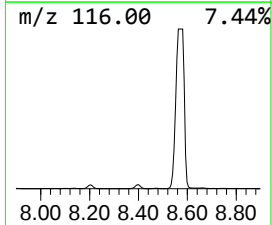
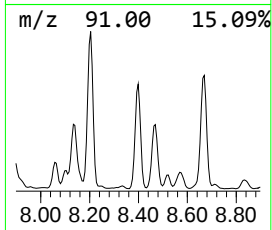
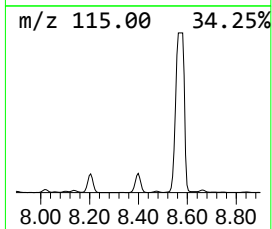
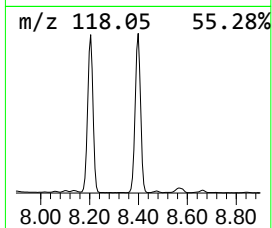
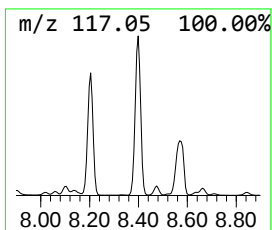
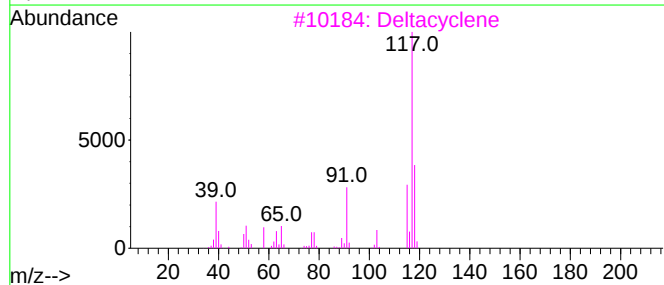
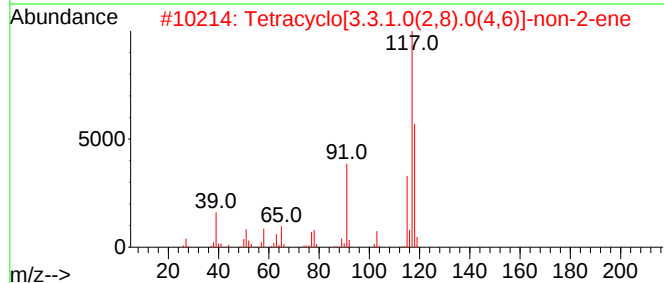
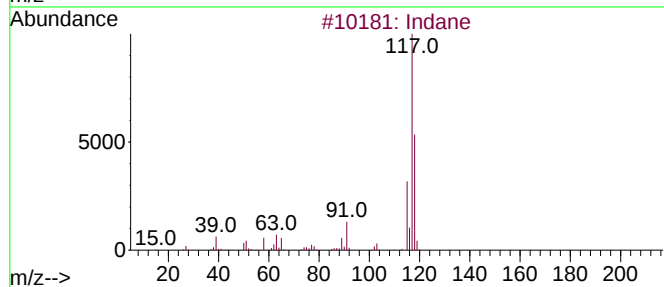
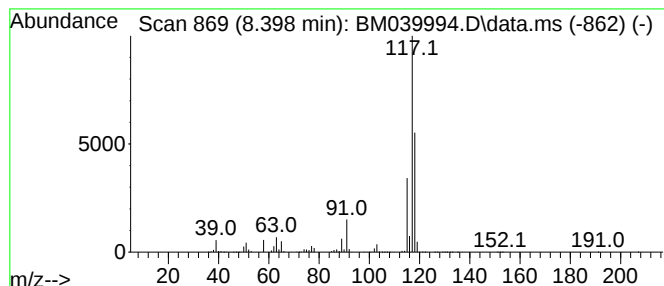
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ClientSampleId :
S-H4(BHF)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.398	76.36 ng	13065400	1,4-Dichlorobenzene-d4	8.016	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-H4(BHF)

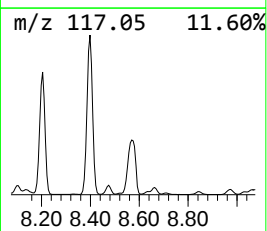
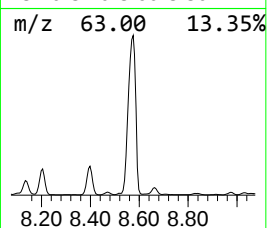
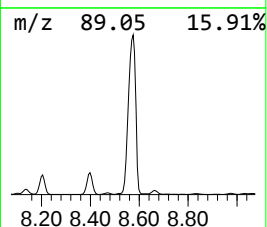
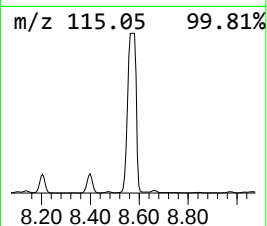
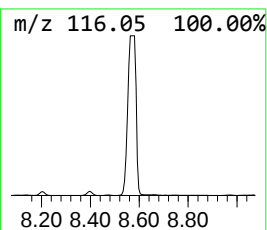
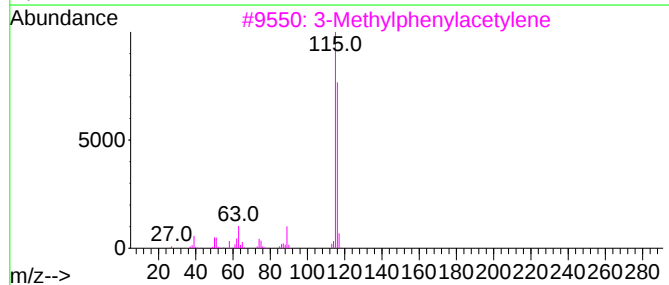
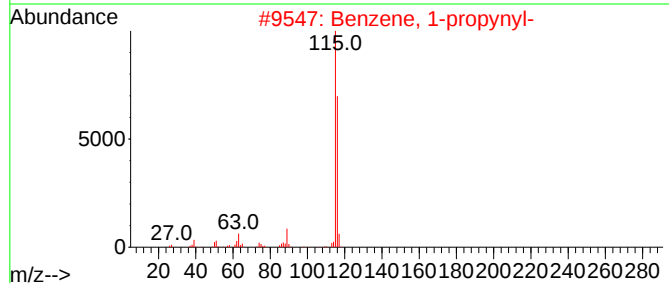
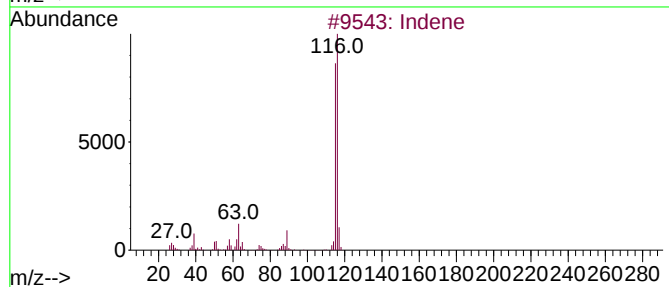
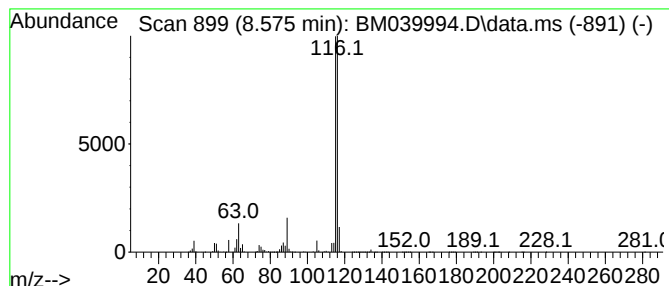
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	380.83 ng	65161700	1,4-Dichlorobenzene-d4	8.016

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5		1-indanol trifluoroacetate ester	230	C11H9F3O2	1000376-43-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

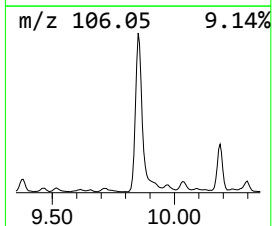
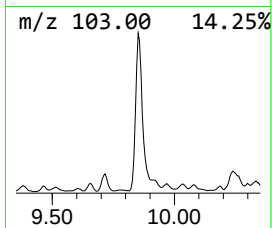
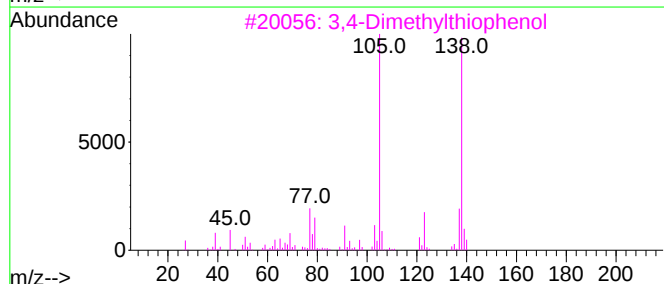
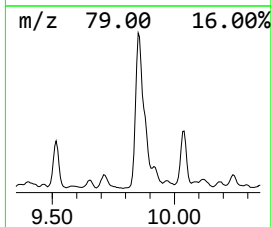
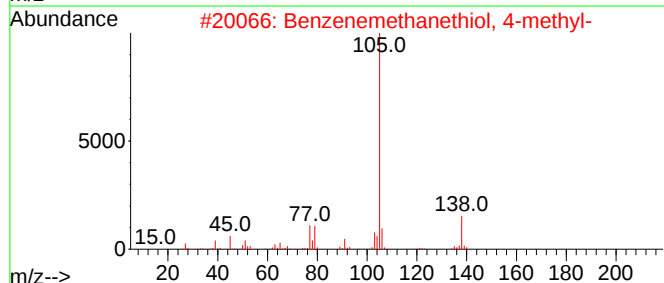
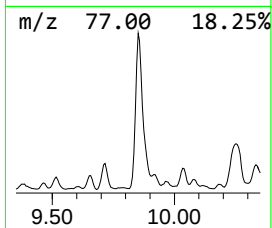
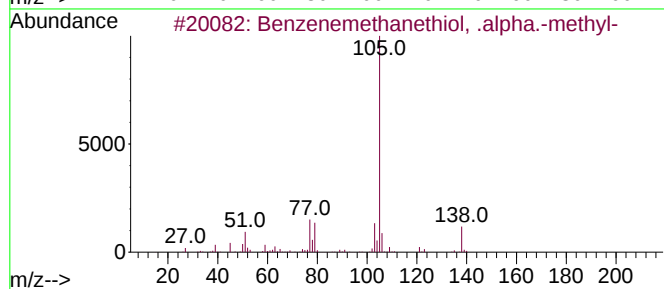
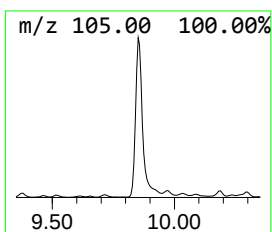
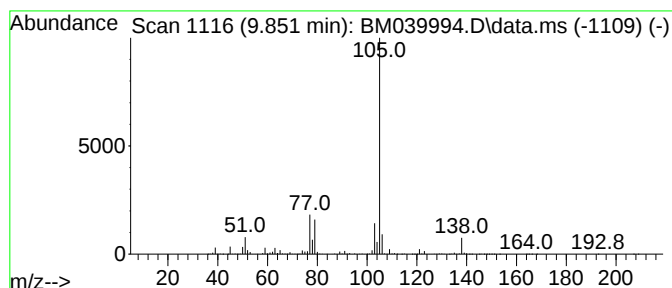
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzenemethanethiol, .alpha... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	81.63 ng	12528100	Naphthalene-d8	10.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3			3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4			Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64
5			3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

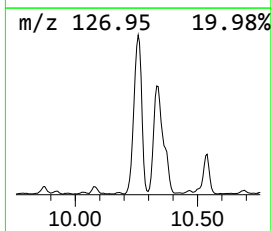
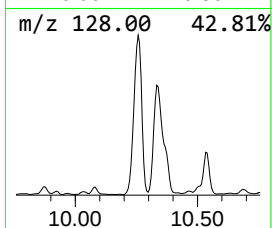
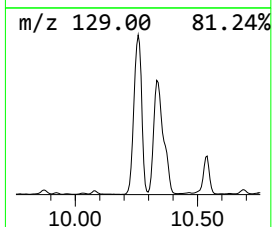
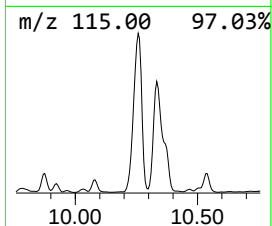
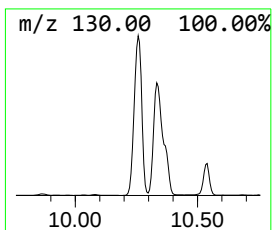
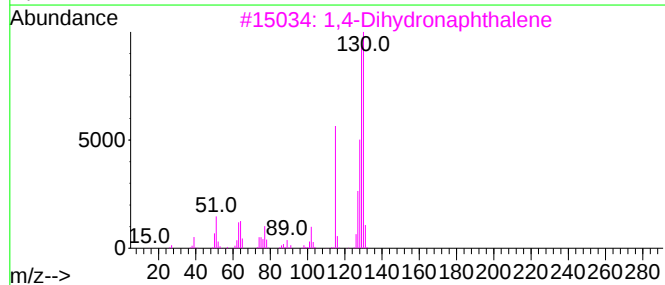
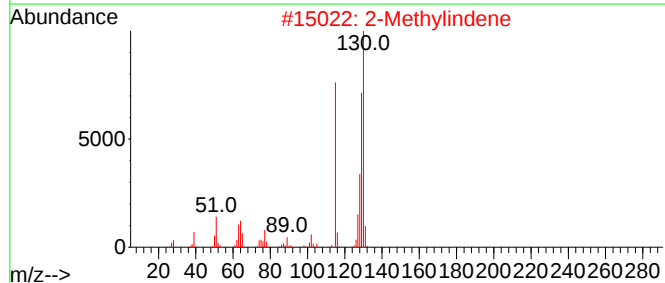
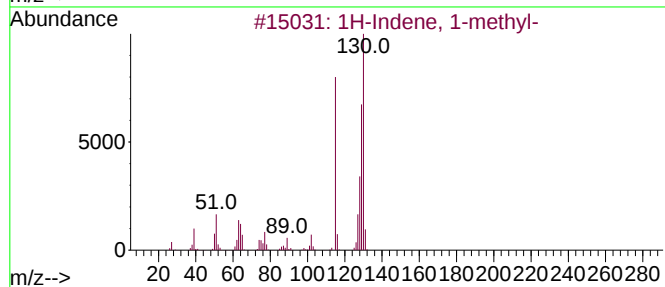
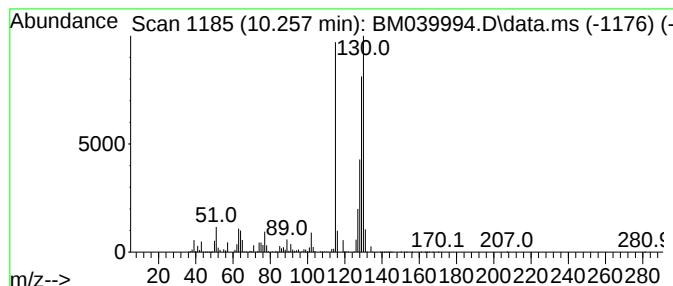
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	108.57 ng	16662000	Naphthalene-d8	10.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		2-Methylindene	130	C10H10	002177-47-1	95
3		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-H4(BHF)

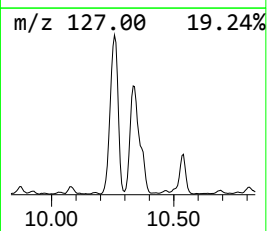
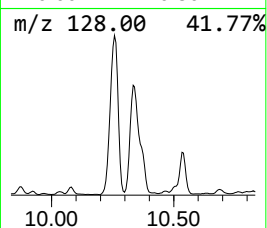
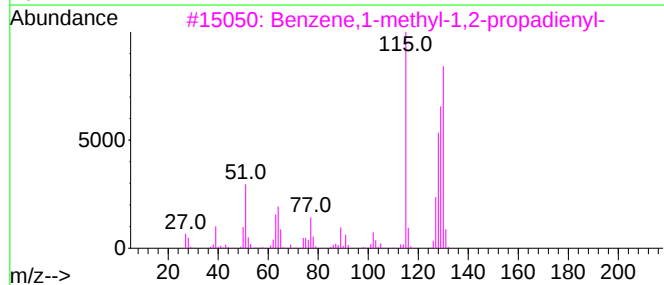
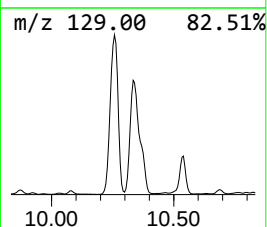
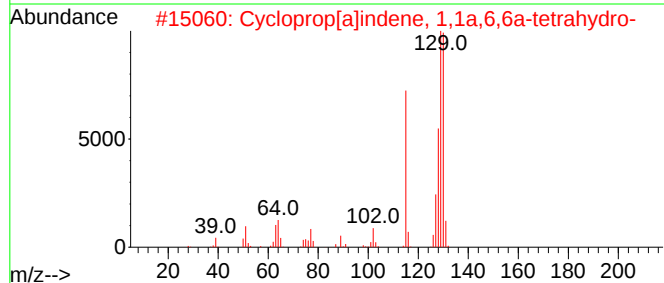
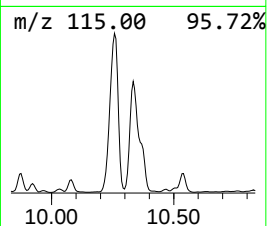
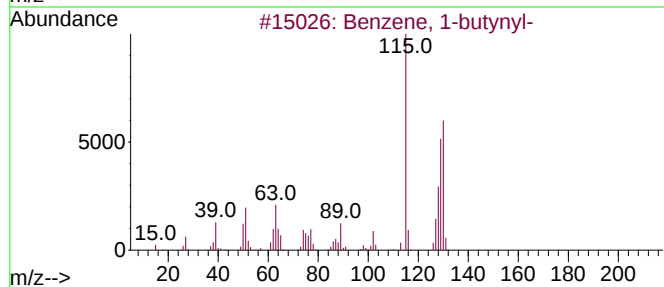
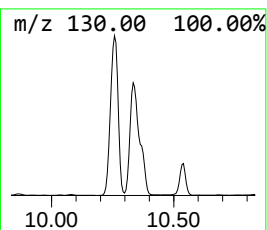
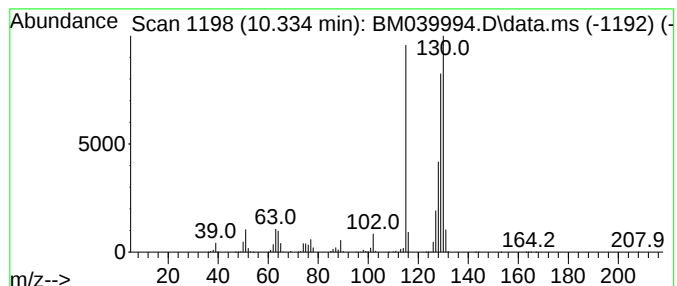
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzene, 1-butynyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	69.42 ng	10654000	Naphthalene-d8	10.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
3			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
S-H4(BHF)

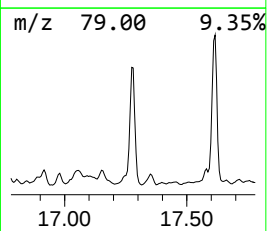
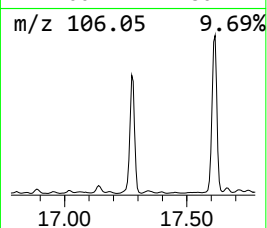
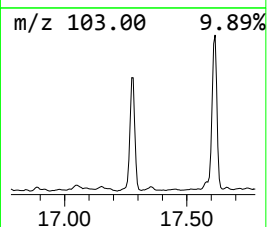
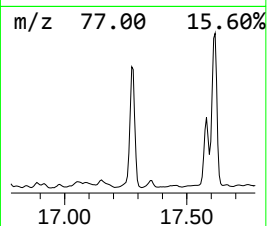
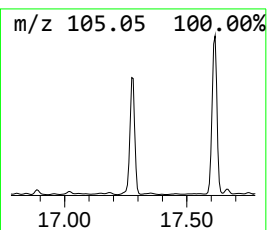
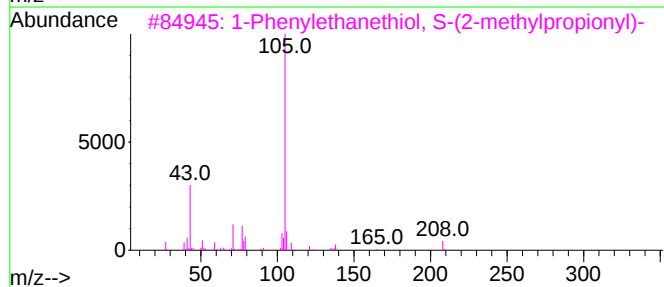
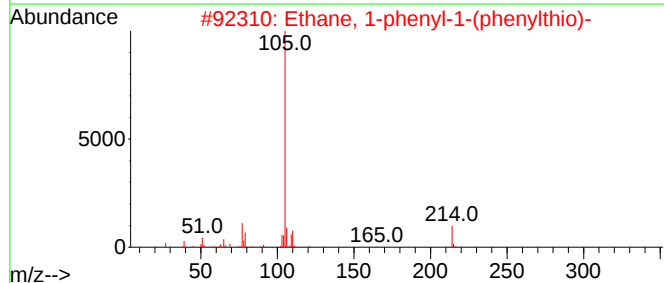
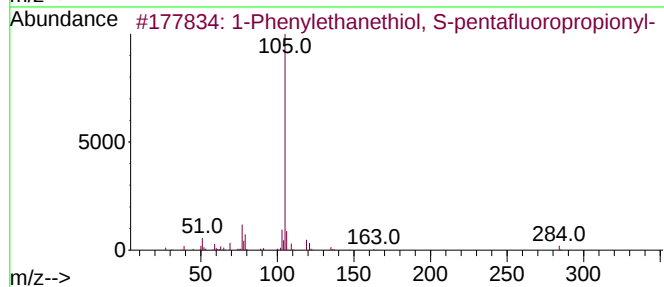
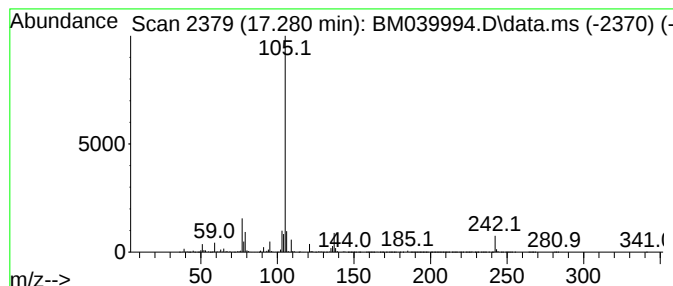
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Phenylethanethiol, S-pent... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.280	90.63 ng	16441400	Phenanthrene-d10	17.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	64
2		Ethane, 1-phenyl-1-(phenylthio)-	214	C14H14S	021213-26-3	59
3		1-Phenylethanethiol, S-(2-methyl...	208	C12H16OS	1227931-65-8	59
4		Etomidate	244	C14H16N2O2	033125-97-2	58
5		benzoic acid, 2,6-dihydroxy-, (4...	258	C15H14O4	1000396-75-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
S-H4(BHF)

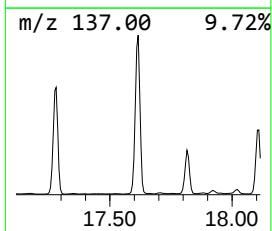
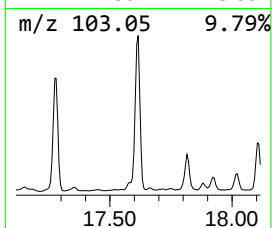
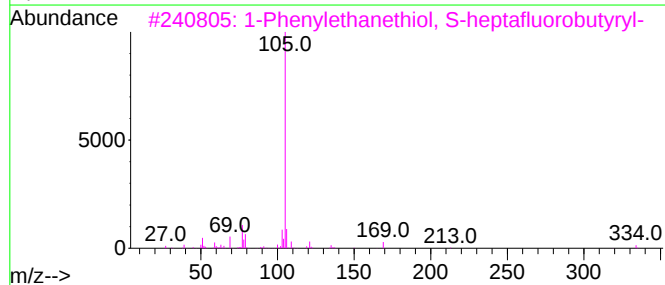
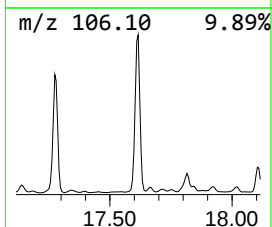
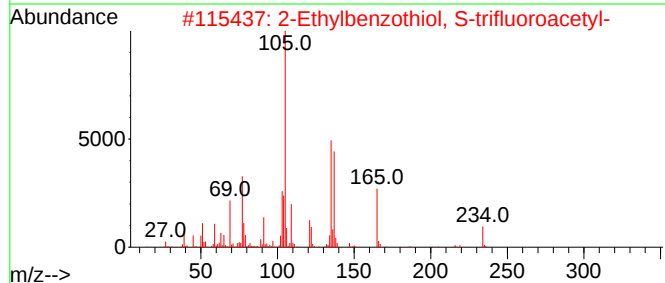
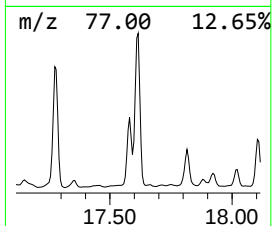
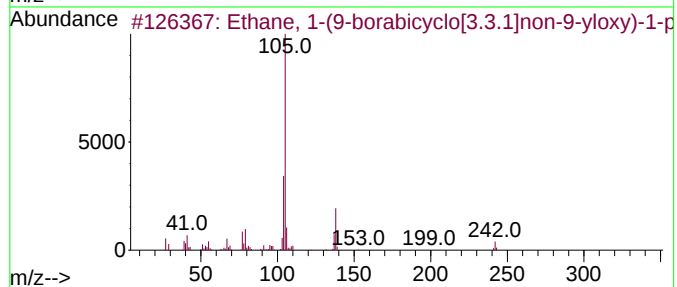
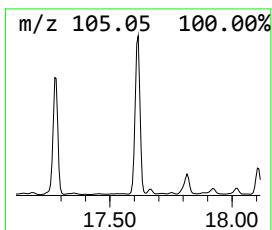
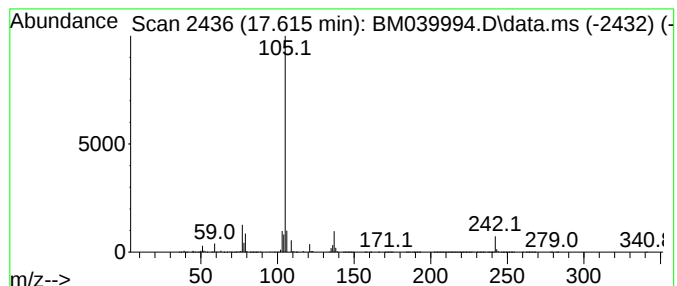
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Ethane, 1-(9-borabicyclo[3.... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.615	107.04 ng	19416800	Phenanthrene-d10	17.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1-(9-borabicyclo[3.3.1]n...	242	C16H23BO	1000160-80-6	72
2			2-Ethylbenzothiol, S-trifluoroac...	234	C10H9F3OS	1000470-50-6	72
3			1-Phenylethanethiol, S-heptaflu...	334	C12H9F7OS	1000469-38-2	64
4			1-Phenylethanethiol, S-(2-methyl...	208	C12H16OS	1227931-65-8	59
5			1-Phenylethanethiol, S-trimethyl...	210	C11H18SSi	1000469-38-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-H4(BHF)

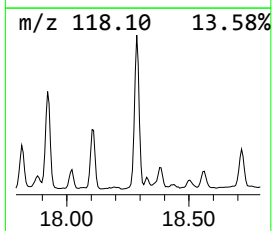
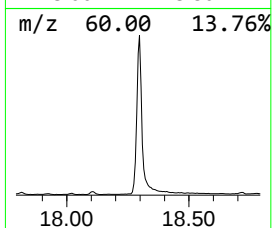
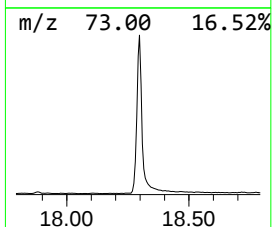
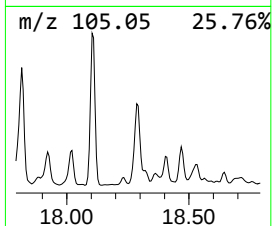
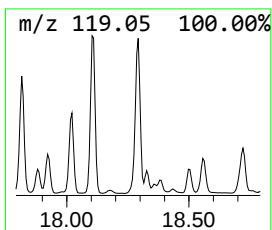
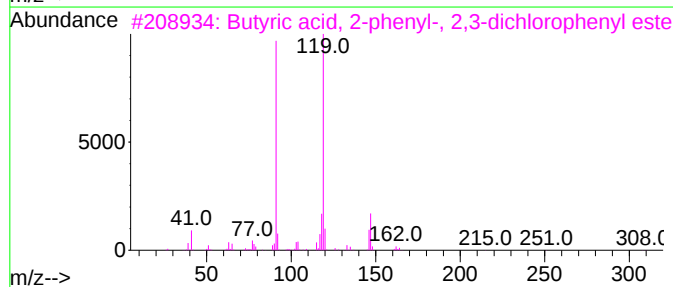
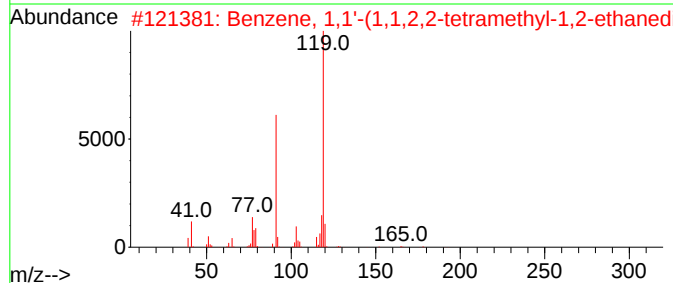
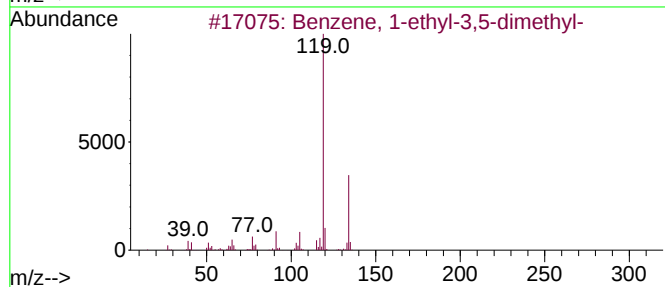
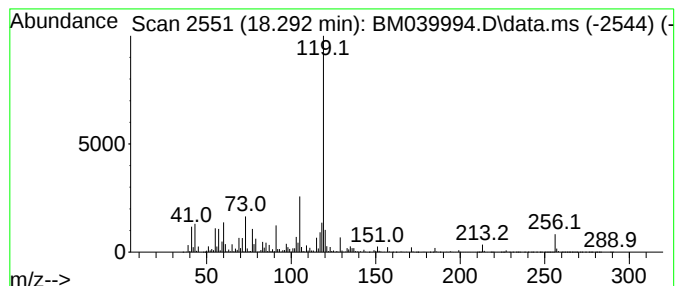
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	86.17 ng	15631900	Phenanthrene-d10	17.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
2			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	50
3			Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	50
4			2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	50
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039994.D
Acq On : 24 May 2023 21:15
Operator : CG/JU
Sample : 02888-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
S-H4(BHF)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.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
Octane	4.510	73.9	ng	12645000	1	8.016	3422090	20.0
Benzene, 1,3-di...	5.651	564.6	ng	96600600	1	8.016	3422090	20.0
Cyclopropane, 1...	5.887	75.0	ng	12838700	1	8.016	3422090	20.0
Benzene, propyl-	6.993	77.9	ng	13323100	1	8.016	3422090	20.0
Benzene, 1-ethy...	7.104	158.6	ng	27142400	1	8.016	3422090	20.0
Mesitylene	7.240	100.6	ng	17207500	1	8.016	3422090	20.0
Benzene, 1,2,3-...	7.675	332.7	ng	56927000	1	8.016	3422090	20.0
Benzene, 1,2,4-...	8.134	68.2	ng	11668400	1	8.016	3422090	20.0
Benzene, 1-ethe...	8.204	74.2	ng	12688100	1	8.016	3422090	20.0
Indane	8.398	76.4	ng	13065400	1	8.016	3422090	20.0
Indene	8.575	380.8	ng	65161700	1	8.016	3422090	20.0
Benzenemethanet...	9.851	81.6	ng	12528100	2	10.839	3069460	20.0
1H-Indene, 1-me...	10.257	108.6	ng	16662000	2	10.839	3069460	20.0
Benzene, 1-buty...	10.334	69.4	ng	10654000	2	10.839	3069460	20.0
1-Phenylethanet...	17.280	90.6	ng	16441400	4	17.398	3628080	20.0
Ethane, 1-(9-bo...	17.615	107.0	ng	19416800	4	17.398	3628080	20.0
Benzene, 1-ethy...	18.292	86.2	ng	15631900	4	17.398	3628080	20.0