

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138400.D
 Acq On : 01 Jul 2024 13:38
 Operator : CG\JU
 Sample : P3073-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW12-20240625

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_F\Methods\8270-BF062824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138400.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	9	17	21	rBV	5932987	8115841	29.19%	3.410%
2	3.005	146	156	161	rBV	184401	325295	1.17%	0.137%
3	5.093	507	511	515	rVB	341835	356971	1.28%	0.150%
4	5.369	552	558	561	rBV	6103834	6264823	22.53%	2.632%
5	5.469	570	575	576	rBV3	383608	494627	1.78%	0.208%
6	5.498	576	580	583	rVB2	3107730	3081585	11.08%	1.295%
7	5.722	615	618	622	rVB	734455	618599	2.22%	0.260%
8	6.046	669	673	676	rBV	3134431	2643145	9.51%	1.111%
9	6.334	719	722	726	rVB	2999275	2656568	9.55%	1.116%
10	6.434	736	739	742	rVB	1609151	1414951	5.09%	0.595%
11	6.475	742	746	749	rBV	1627452	1371523	4.93%	0.576%
12	6.504	749	751	756	rVB	1820825	1744039	6.27%	0.733%
13	6.563	756	761	764	rBV	4634346	3976445	14.30%	1.671%
14	6.675	775	780	781	rBV	398517	365735	1.32%	0.154%
15	6.704	781	785	788	rVB	6979948	7403485	26.63%	3.111%
16	6.828	797	806	810	rBV3	275418	433976	1.56%	0.182%
17	6.875	810	814	817	rVV	1448582	1284285	4.62%	0.540%
18	6.904	817	819	821	rVV	943444	896785	3.23%	0.377%
19	6.934	821	824	828	rVV	4693975	5105858	18.36%	2.145%
20	6.975	828	831	835	rVB	1194684	1243473	4.47%	0.522%
21	7.069	836	847	850	rBV	9767713	13537658	48.69%	5.688%
22	7.122	850	856	859	rBV2	2497992	2488977	8.95%	1.046%
23	7.145	859	860	863	rVV	469369	356924	1.28%	0.150%
24	7.192	863	868	870	rVV2	2241094	2043396	7.35%	0.859%
25	7.210	870	871	876	rVB	357844	287919	1.04%	0.121%
26	7.269	877	881	887	rBV	548412	555081	2.00%	0.233%
27	7.340	888	893	895	rBV2	1497337	1673124	6.02%	0.703%
28	7.363	895	897	900	rVV	760726	616529	2.22%	0.259%
29	7.416	900	906	907	rVV2	2359450	2932037	10.55%	1.232%
30	7.445	907	911	914	rVB2	7247055	8652587	31.12%	3.635%
31	7.516	921	923	927	rVB2	378063	345172	1.24%	0.145%
32	7.557	927	930	932	rBV	1065585	871071	3.13%	0.366%
33	7.645	938	945	946	rBV	1556116	1687588	6.07%	0.709%
34	7.669	946	949	952	rVV	3368280	3101917	11.16%	1.303%
35	7.740	956	961	963	rBV	828650	898467	3.23%	0.377%
36	7.763	963	965	967	rVV	444375	389799	1.40%	0.164%

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37	7.834	970	977	980	rVB	5062718	5264079	18.93%	2.212%
38	7.904	981	989	993	rBV3	6672342	11196348	40.27%	4.704%
39	7.951	993	997	1002	rVV	6344360	11097644	39.91%	4.663%
40	7.998	1002	1005	1007	rVV	932194	733835	2.64%	0.308%
41	8.028	1007	1010	1015	rVB2	1610829	1525694	5.49%	0.641%
42	8.104	1015	1023	1025	rBV	273146	445240	1.60%	0.187%
43	8.210	1026	1041	1044	rVV	10724053	27804425	100.00%	11.682%
44	8.239	1044	1046	1049	rVB	757004	591011	2.13%	0.248%
45	8.310	1053	1058	1061	rBV3	335091	405095	1.46%	0.170%
46	8.351	1061	1065	1068	rVB2	363958	409816	1.47%	0.172%
47	8.398	1068	1073	1075	rBV	748926	835720	3.01%	0.351%
48	8.416	1075	1076	1082	rVB2	529179	564547	2.03%	0.237%
49	8.475	1082	1086	1088	rBV2	600192	564988	2.03%	0.237%
50	8.516	1088	1093	1095	rVV	813721	1128829	4.06%	0.474%
51	8.551	1095	1099	1101	rVV2	454043	557473	2.00%	0.234%
52	8.592	1101	1106	1108	rVV	1067590	1190368	4.28%	0.500%
53	8.616	1108	1110	1113	rVV2	1441522	1939297	6.97%	0.815%
54	8.639	1113	1114	1115	rVV	1092863	700192	2.52%	0.294%
55	8.657	1115	1117	1122	rVB	1983797	2359452	8.49%	0.991%
56	8.704	1122	1125	1129	rBV3	647427	709155	2.55%	0.298%
57	8.745	1129	1132	1136	rVB2	673402	600929	2.16%	0.252%
58	8.798	1136	1141	1143	rBV2	857651	1094050	3.93%	0.460%
59	8.822	1143	1145	1149	rVB2	1102097	1081601	3.89%	0.454%
60	8.875	1149	1154	1157	rVB	5952503	5793645	20.84%	2.434%
61	8.986	1165	1173	1176	rBV	9535212	17046428	61.31%	7.162%
62	9.151	1199	1201	1207	rVB2	249341	282255	1.02%	0.119%
63	9.234	1209	1215	1218	rBV	5774197	5701186	20.50%	2.395%
64	9.334	1226	1232	1235	rBV	3785770	3241959	11.66%	1.362%
65	9.392	1237	1242	1244	rBV2	493737	512775	1.84%	0.215%
66	9.428	1244	1248	1253	rVB	1077918	1627157	5.85%	0.684%
67	9.498	1253	1260	1263	rBV	1751634	2487198	8.95%	1.045%
68	9.569	1267	1272	1275	rVV	3344576	3646867	13.12%	1.532%
69	9.592	1275	1276	1281	rVB2	1183789	1052566	3.79%	0.442%
70	9.686	1286	1292	1294	rBV	1904605	1853720	6.67%	0.779%
71	9.769	1300	1306	1311	rVB	1587265	1531366	5.51%	0.643%
72	9.886	1323	1326	1327	rBV	499979	406913	1.46%	0.171%
73	9.910	1327	1330	1332	rVV	2107175	1877791	6.75%	0.789%
74	9.945	1332	1336	1339	rVV	5230666	4863034	17.49%	2.043%
75	10.010	1342	1347	1351	rVB2	548816	816246	2.94%	0.343%
76	10.063	1351	1356	1358	rBV3	206272	310028	1.12%	0.130%

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77	10.110	1360	1364	1367	rVV2	525382	531866	1.91%	0.223%
78	10.151	1367	1371	1373	rVV2	530234	555761	2.00%	0.234%
79	10.181	1373	1376	1379	rVB	555759	583043	2.10%	0.245%
80	10.222	1379	1383	1386	rBV5	408834	541925	1.95%	0.228%
81	10.316	1394	1399	1400	rBV3	263676	323770	1.16%	0.136%
82	10.363	1404	1407	1409	rVB	749810	664663	2.39%	0.279%
83	10.428	1415	1418	1420	rVV	705772	565135	2.03%	0.237%
84	10.457	1420	1423	1428	rVB	2171919	1925367	6.92%	0.809%
85	10.563	1439	1441	1444	rBV	400654	354818	1.28%	0.149%
86	10.698	1457	1464	1467	rVB2	3194489	3317563	11.93%	1.394%
87	10.998	1510	1515	1518	rVV2	212459	300564	1.08%	0.126%
88	11.392	1578	1582	1584	rBV	1744031	1553621	5.59%	0.653%
89	11.422	1584	1587	1590	rVV	2783280	2504846	9.01%	1.052%
90	11.469	1591	1595	1598	rBV	697617	558882	2.01%	0.235%
91	11.504	1598	1601	1604	rVB2	369529	293313	1.05%	0.123%
92	11.892	1664	1667	1669	rBV	329201	291653	1.05%	0.123%
93	11.916	1669	1671	1677	rVV2	793753	815879	2.93%	0.343%
94	12.004	1682	1686	1688	rVV3	349015	415770	1.50%	0.175%
95	12.827	1823	1826	1832	rVB	347285	323747	1.16%	0.136%
96	12.974	1847	1851	1855	rBV	3753490	3675536	13.22%	1.544%
97	14.027	2023	2030	2033	rBV	1101767	1013315	3.64%	0.426%
98	15.492	2274	2279	2290	rBV	649916	806767	2.90%	0.339%

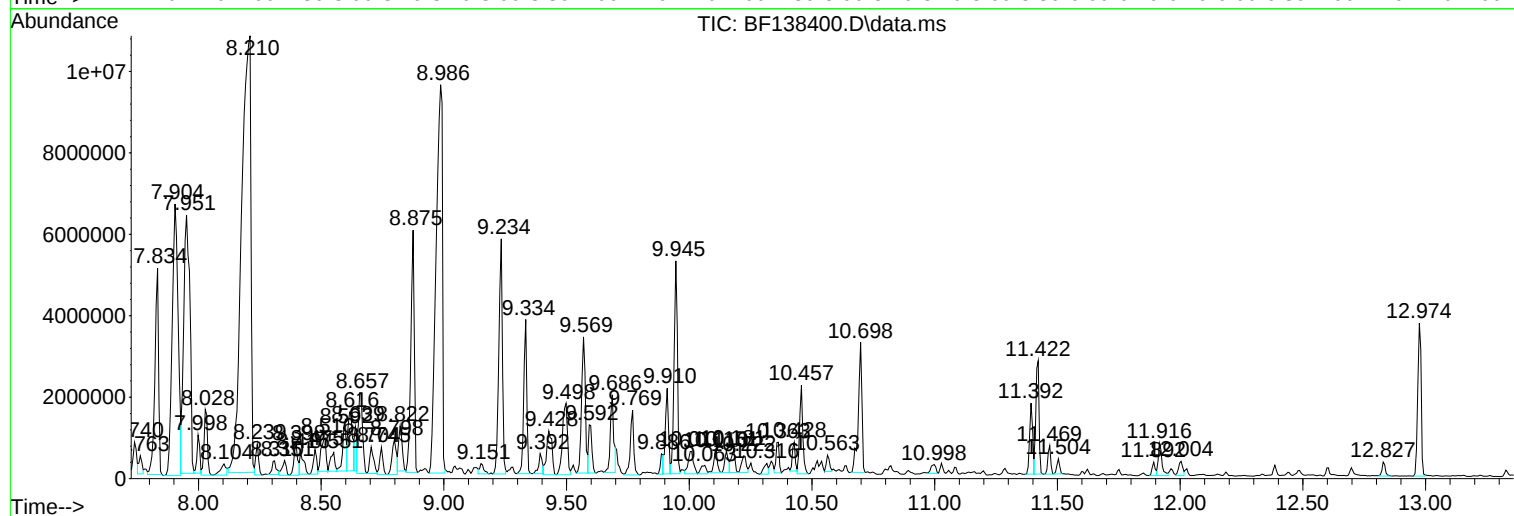
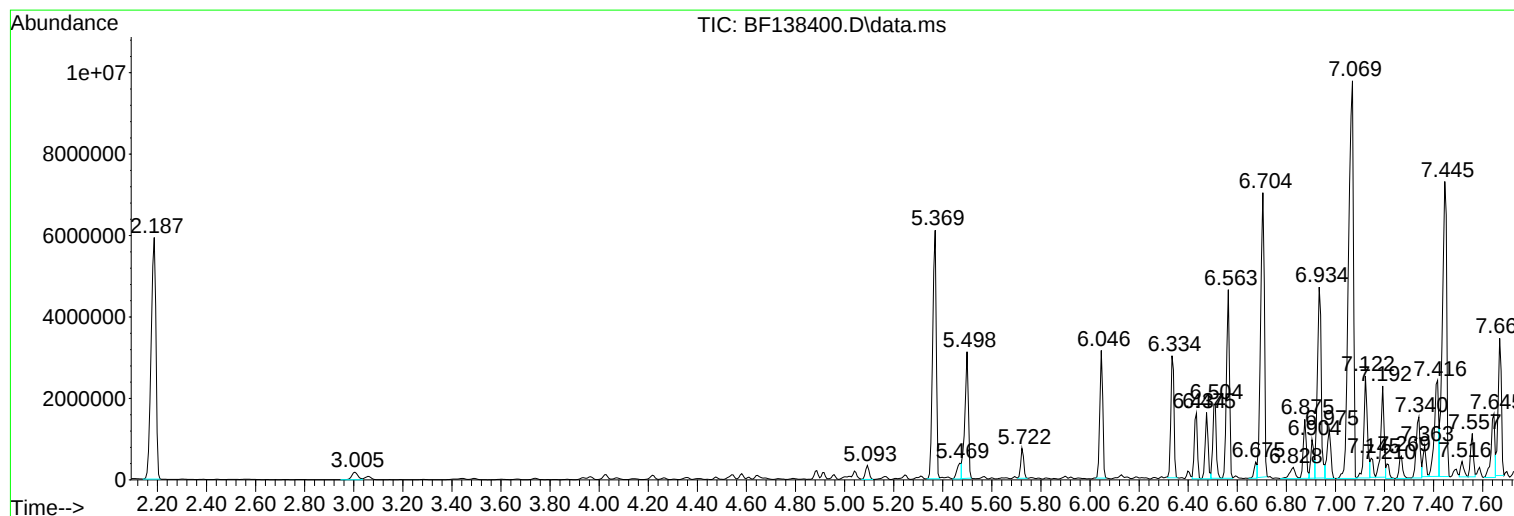
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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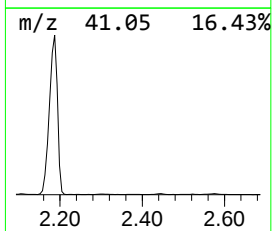
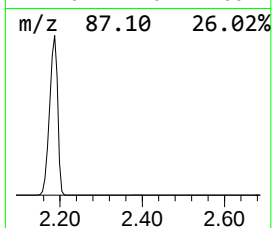
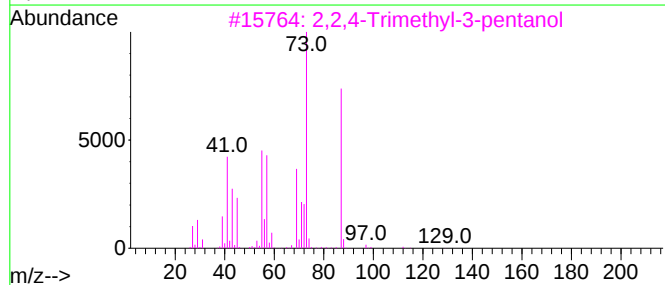
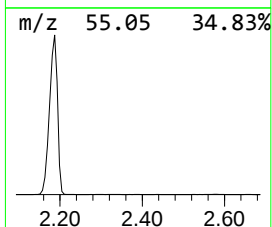
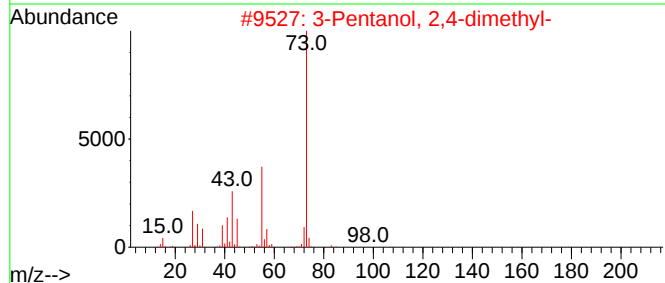
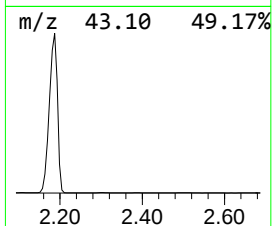
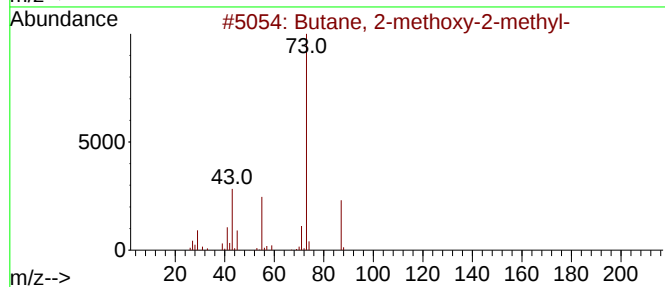
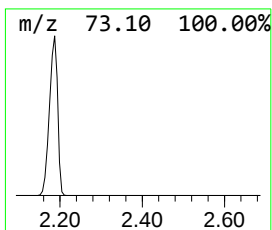
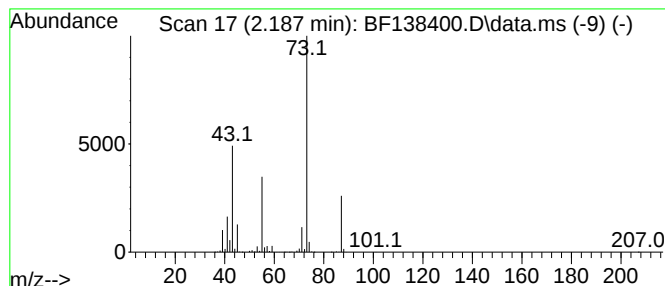
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	126.39 ng	8115840	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35



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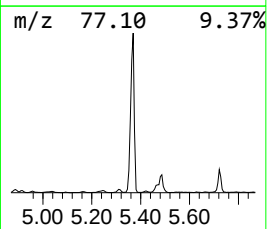
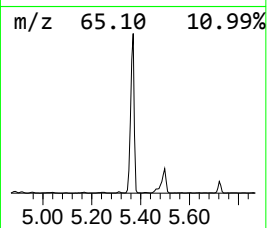
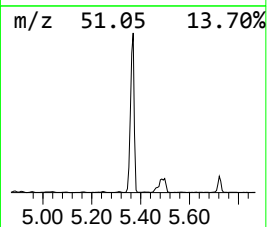
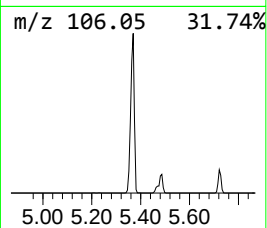
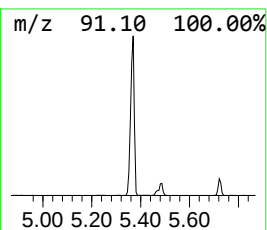
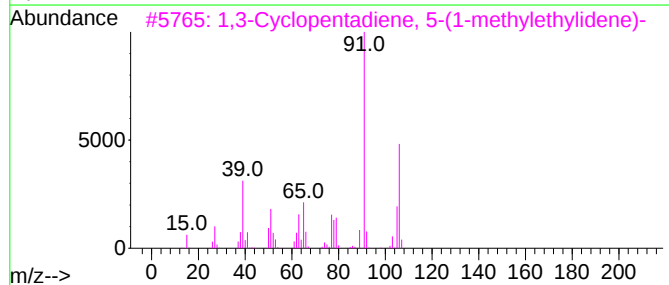
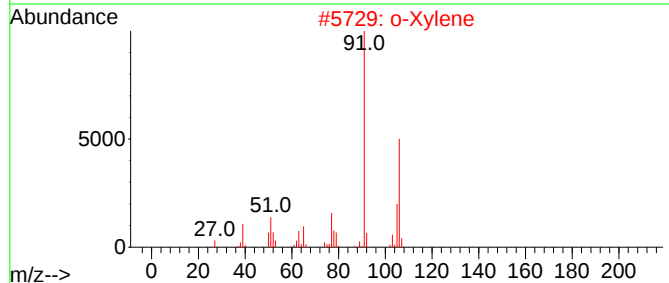
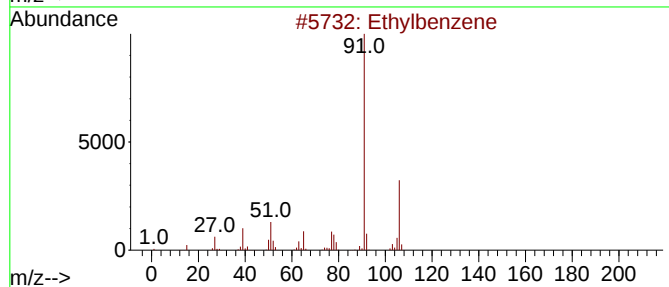
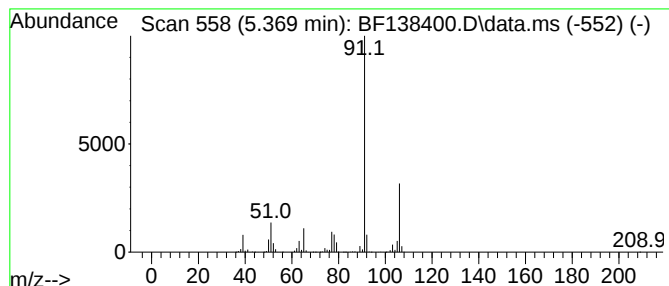
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethylbenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.369	97.56 ng	6264820	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethylbenzene	106	C8H10	000100-41-4	94
2			o-Xylene	106	C8H10	000095-47-6	81
3			1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	74
4			p-Xylene	106	C8H10	000106-42-3	64
5			Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	58



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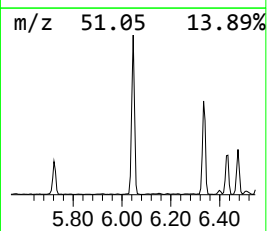
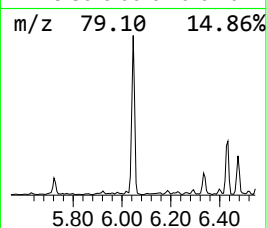
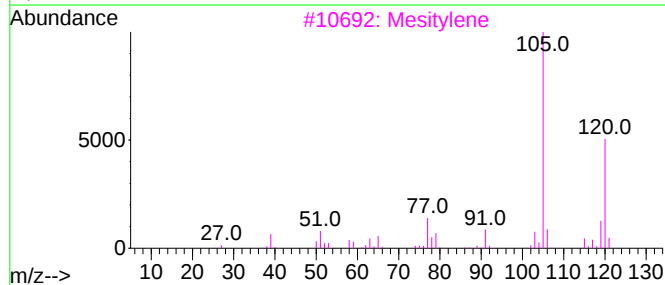
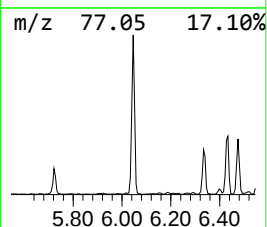
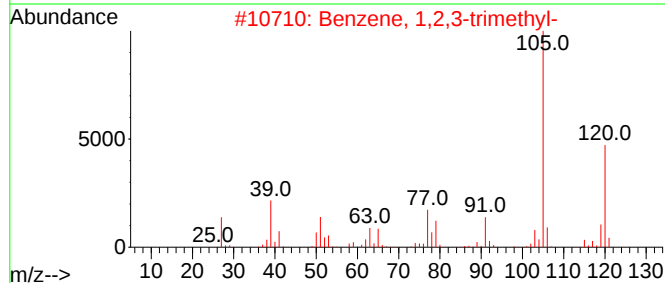
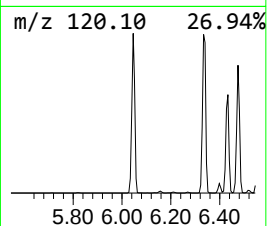
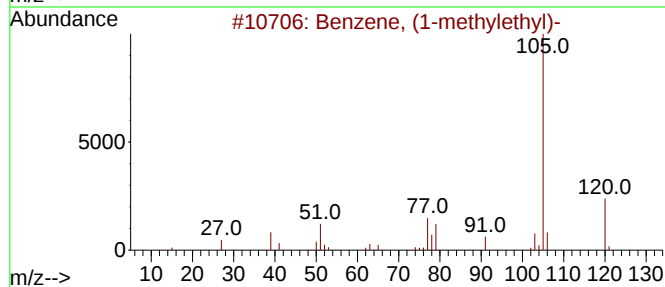
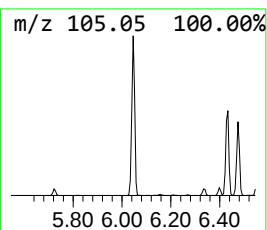
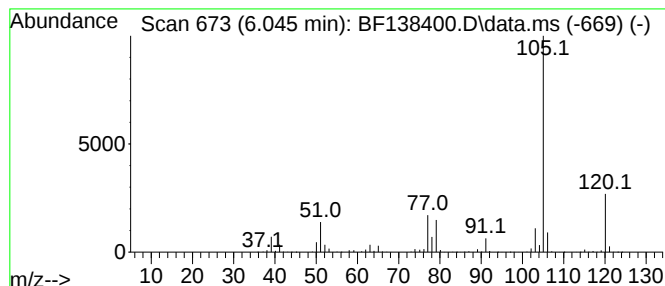
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.045	41.16 ng	2643150	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3			Mesitylene	120	C9H12	000108-67-8	86
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
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Instrument :
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ClientSampleId :
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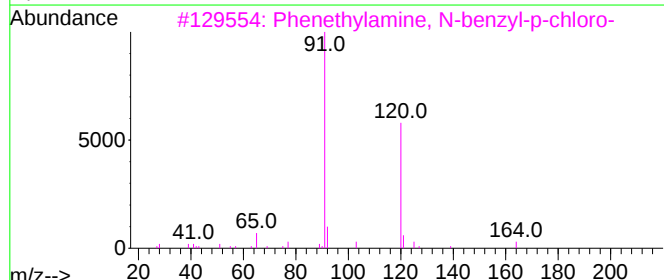
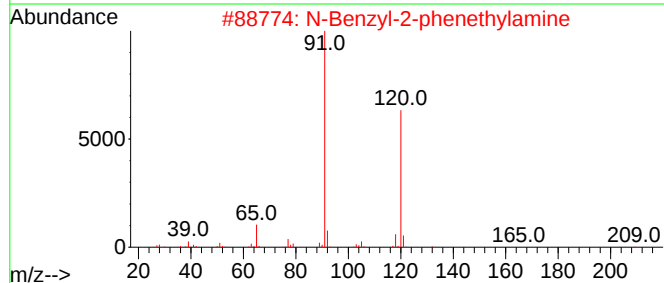
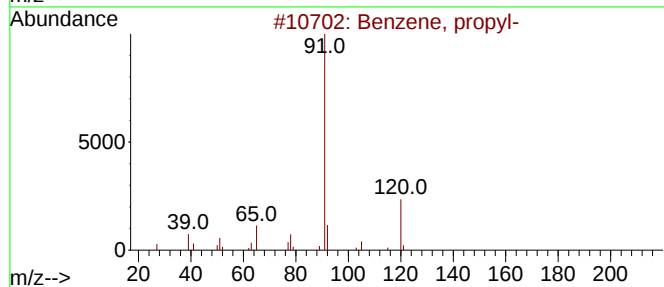
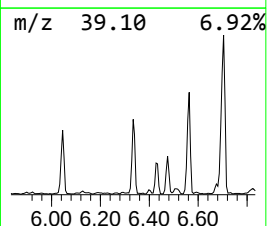
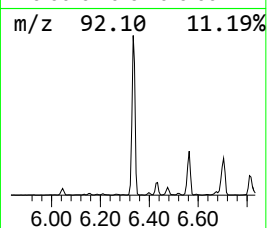
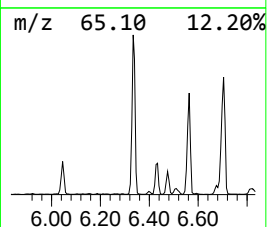
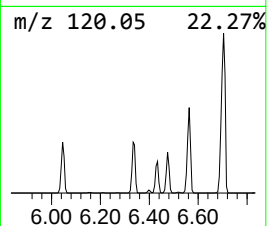
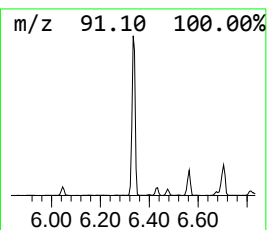
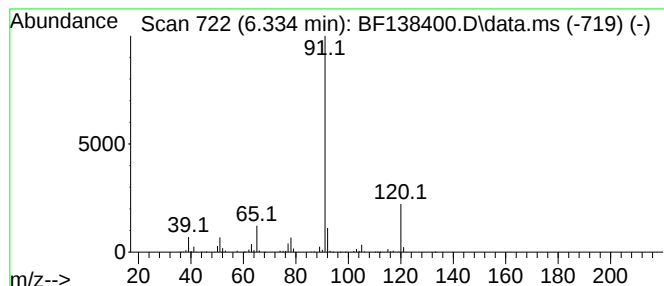
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	41.37 ng	2656570	1,4-Dichlorobenzene-d4	6.875

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			1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
5			1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72



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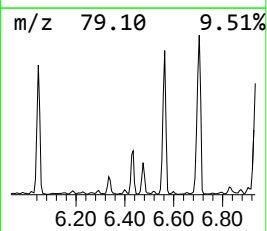
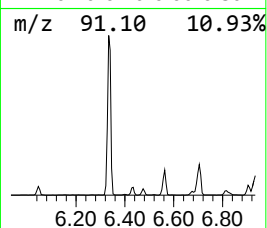
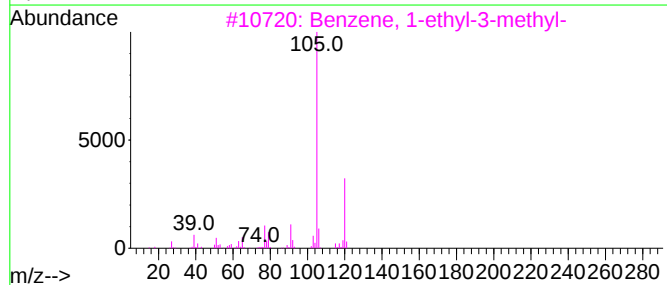
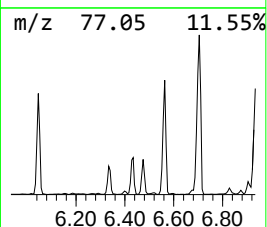
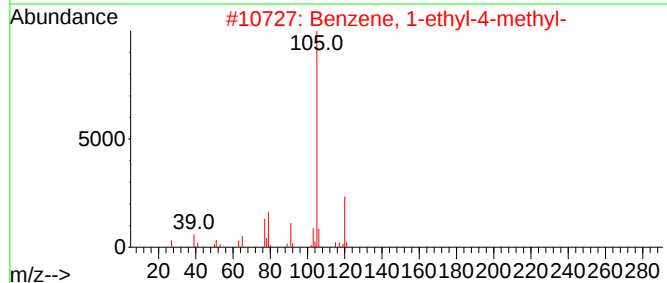
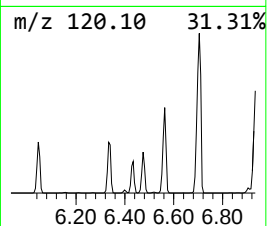
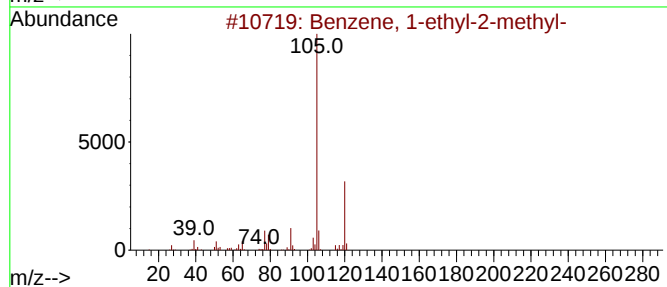
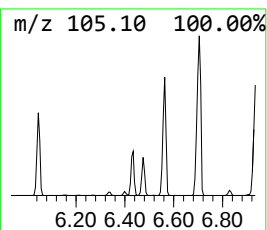
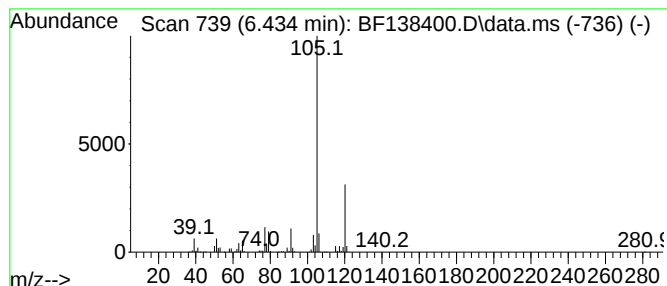
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	22.03 ng	1414950	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5			Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
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Misc :
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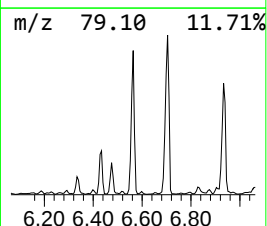
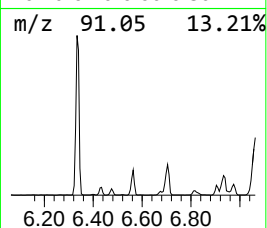
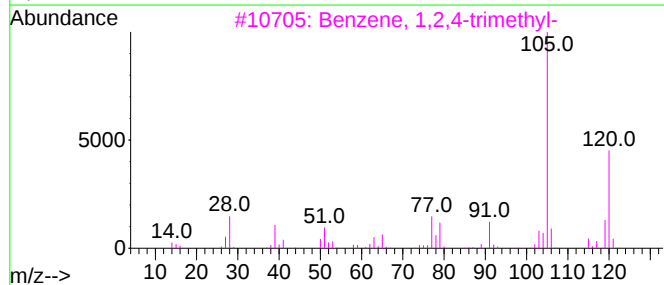
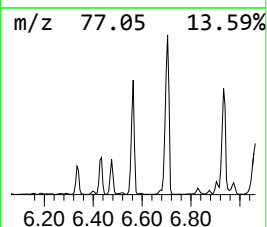
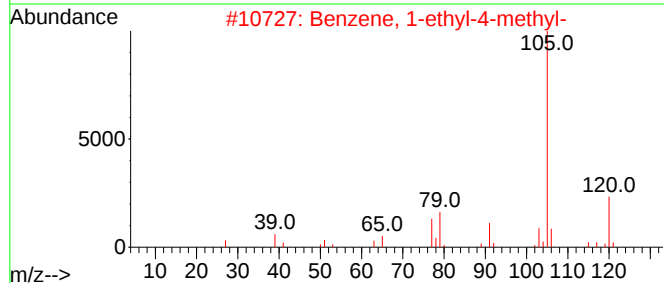
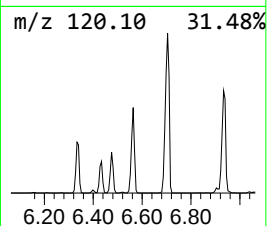
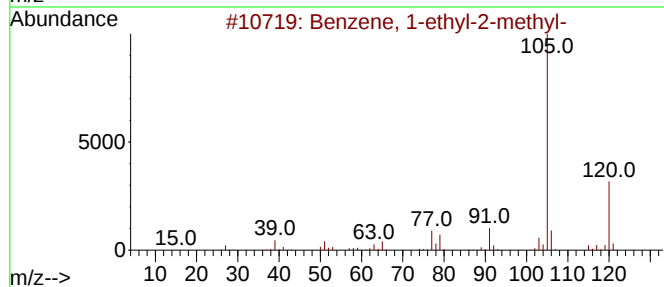
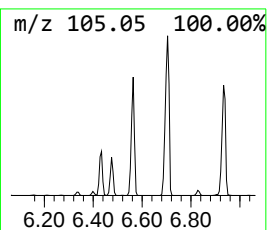
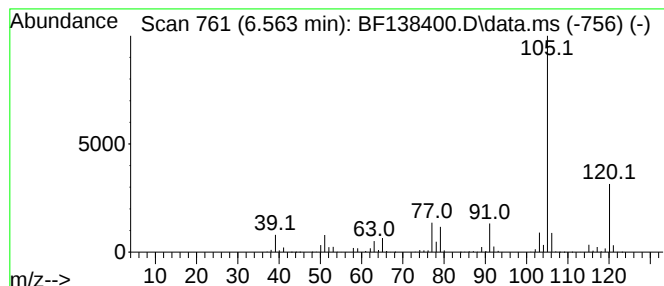
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	61.92 ng	3976450	1,4-Dichlorobenzene-d4	6.875

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
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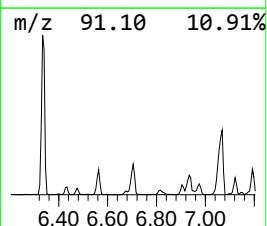
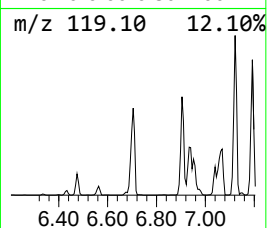
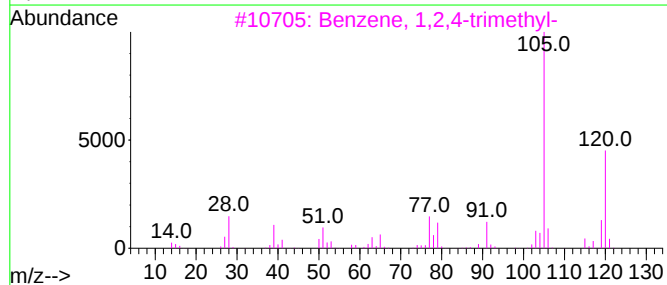
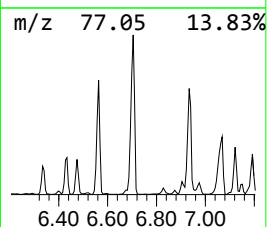
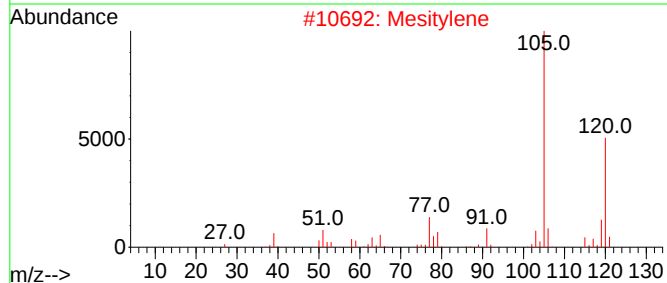
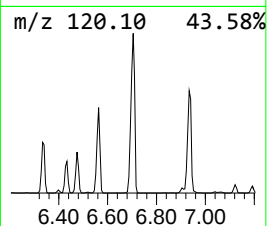
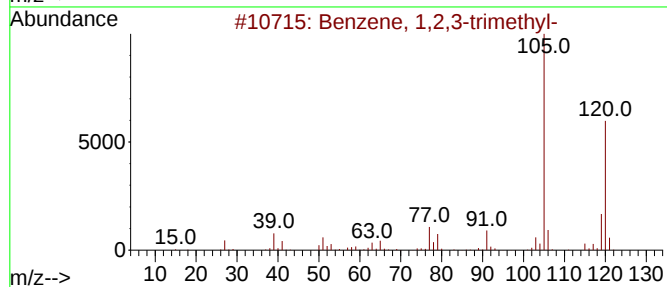
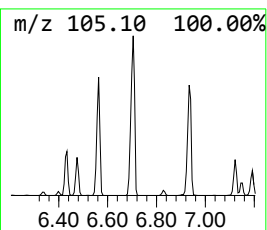
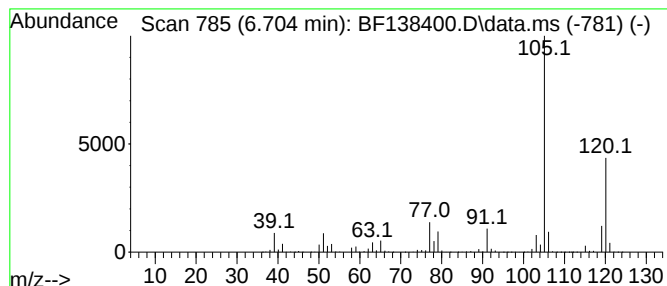
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	115.29 ng	7403490	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Mesitylene	120	C9H12	000108-67-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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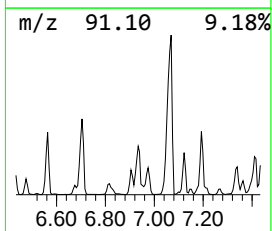
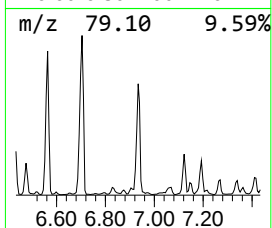
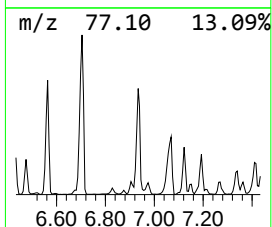
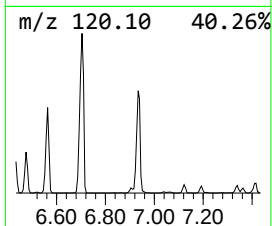
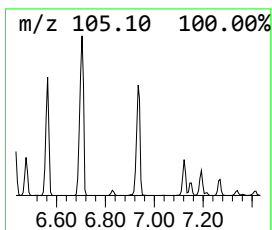
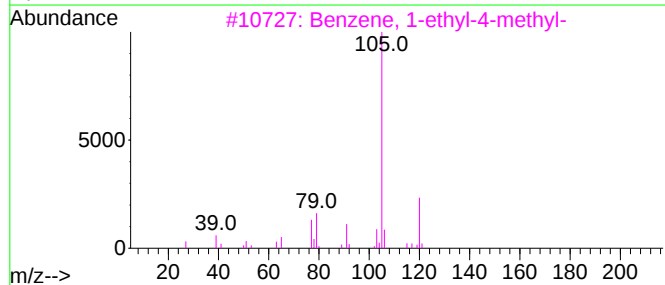
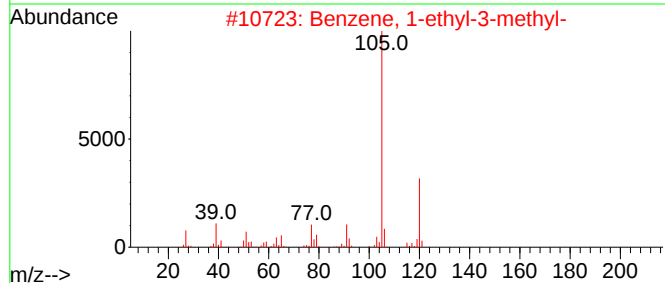
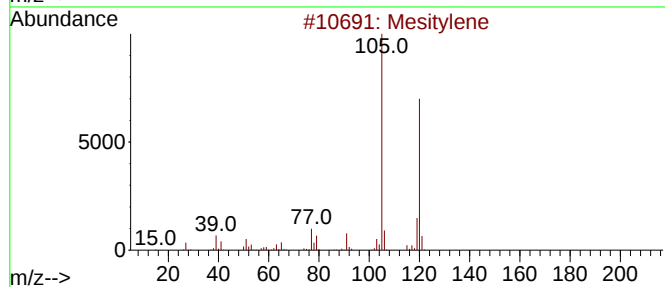
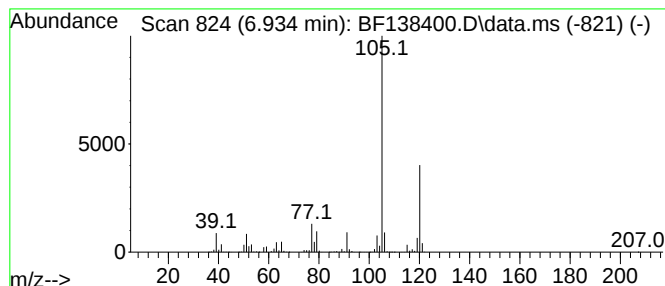
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	79.51 ng	5105860	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90



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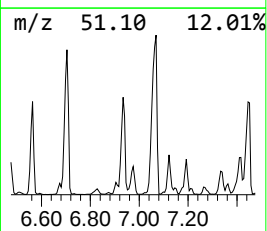
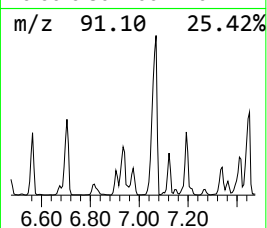
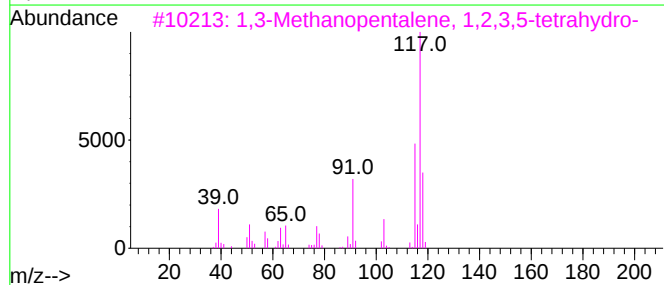
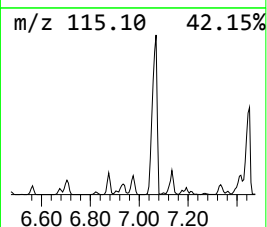
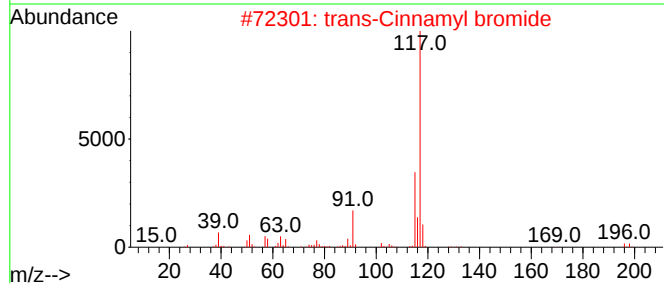
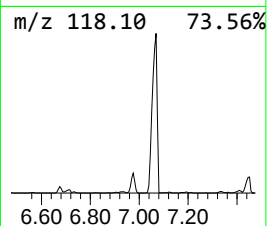
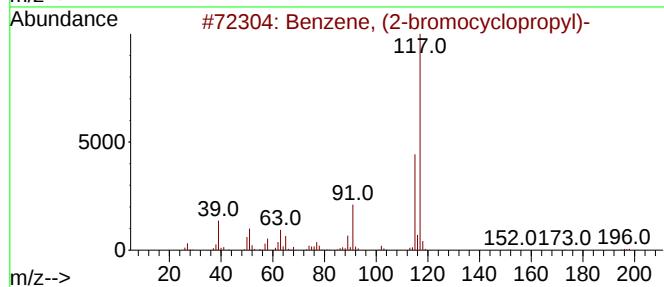
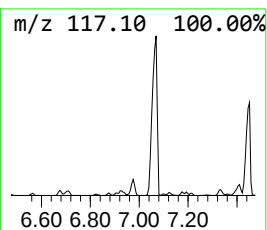
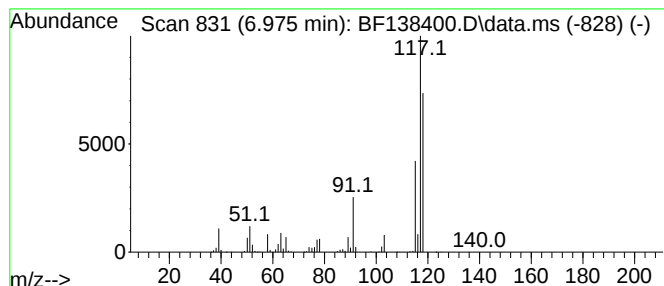
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, (2-bromocyclopropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	19.36 ng	1243470	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52
2			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50
3			1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	38
4			endo-3-Methylenetricyclo[3.2.1.0...	118	C9H10	1000139-15-5	38
5			Deltacyclene	118	C9H10	007785-10-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
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ALS Vial : 7 Sample Multiplier: 1

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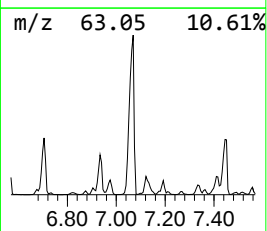
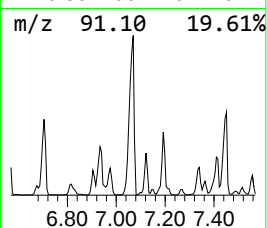
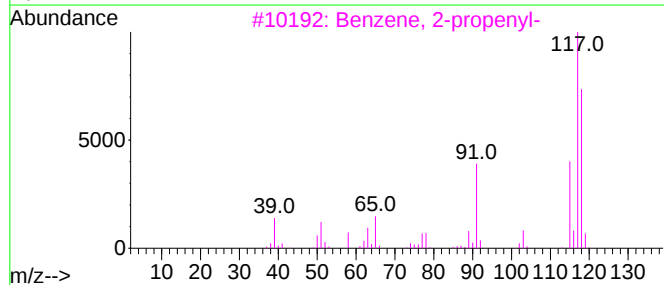
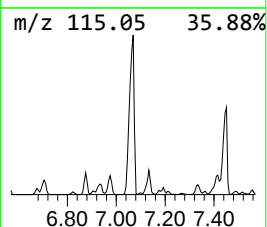
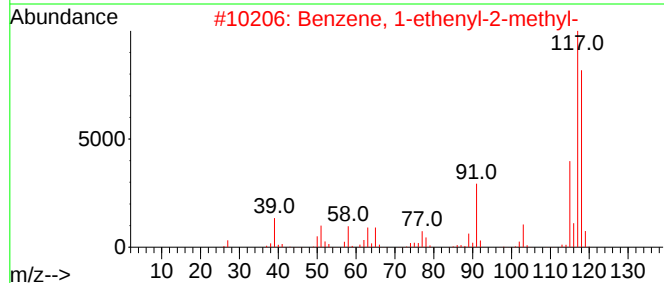
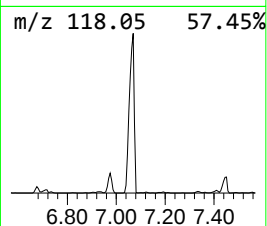
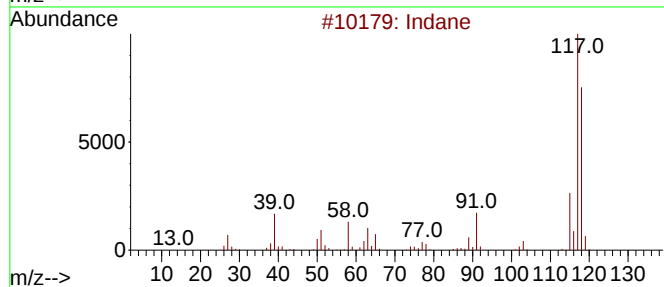
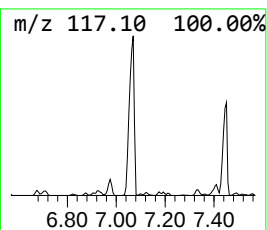
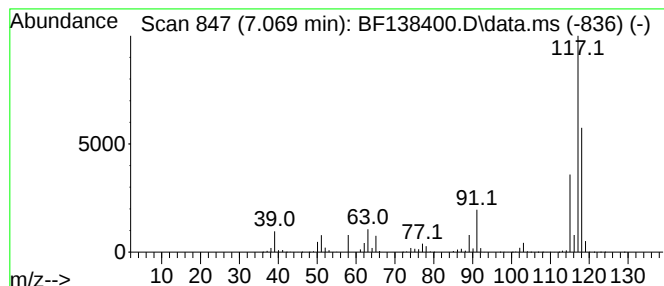
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	210.82 ng	13537700	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indane	118	C9H10	000496-11-7	93
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	76
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

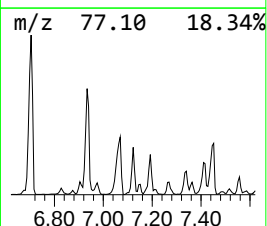
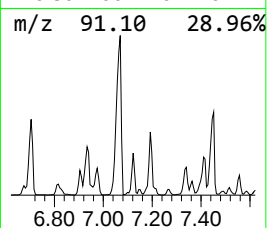
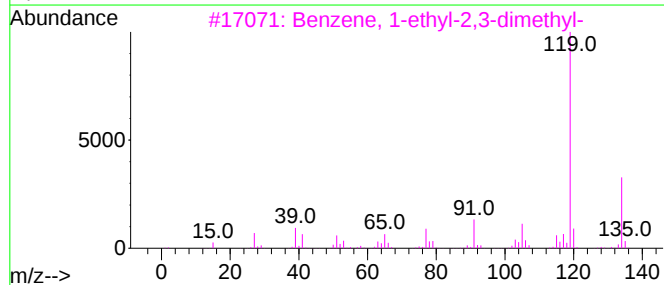
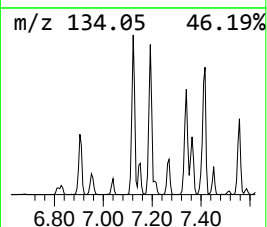
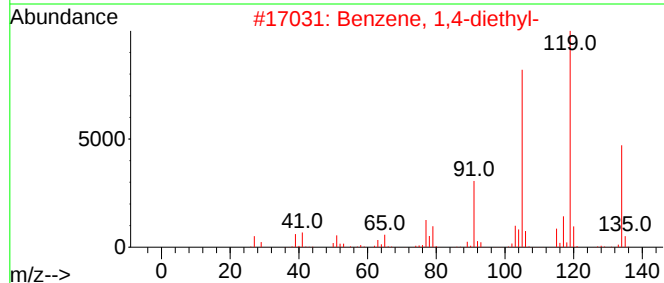
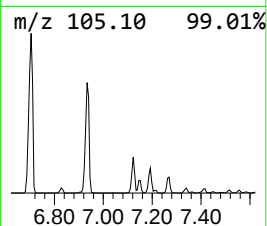
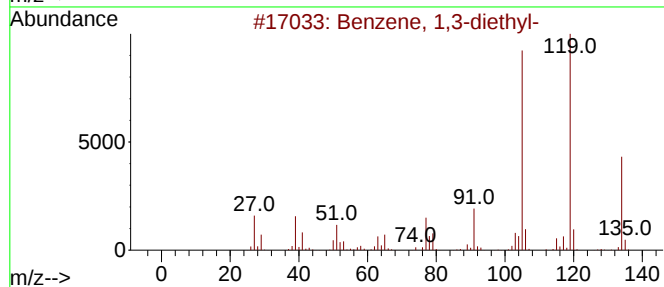
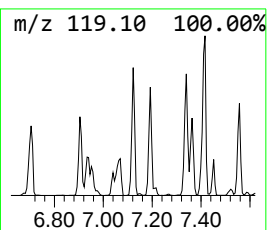
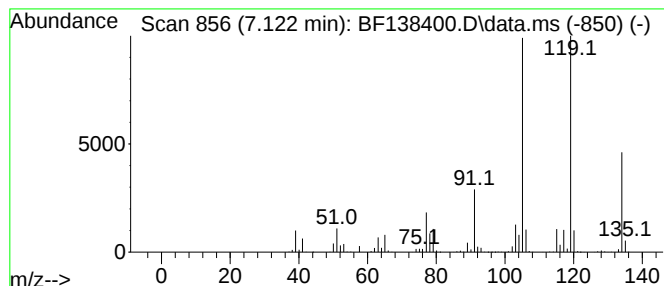
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	38.76 ng	2488980	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

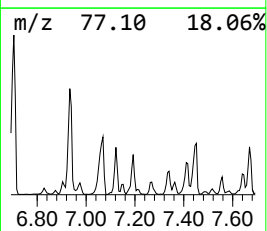
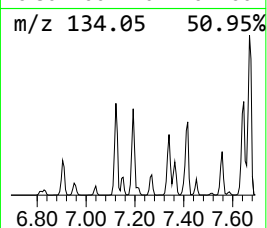
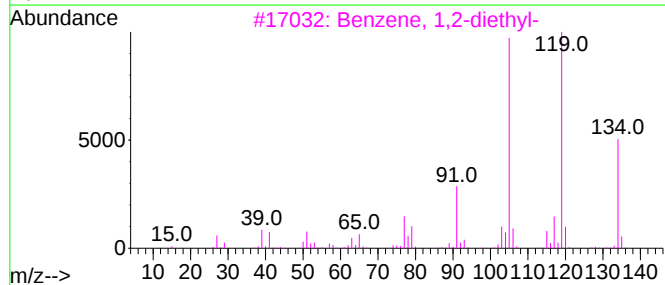
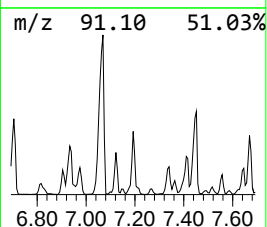
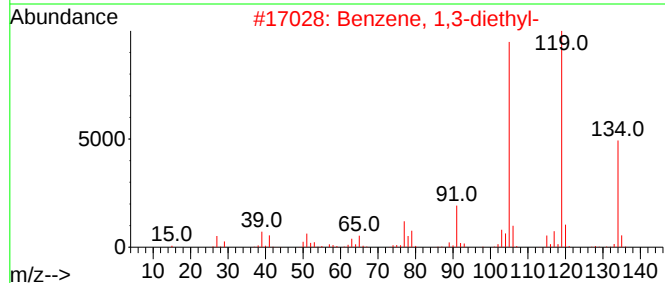
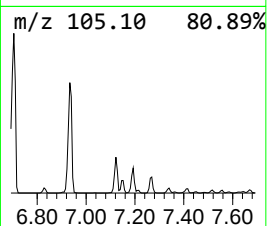
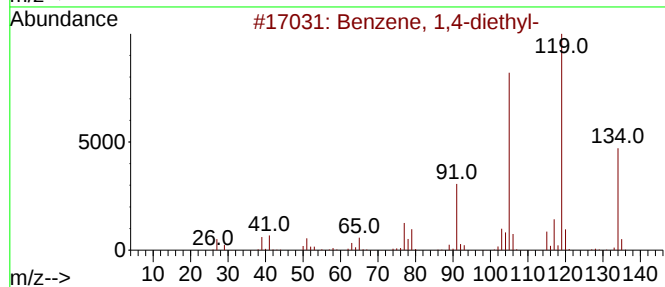
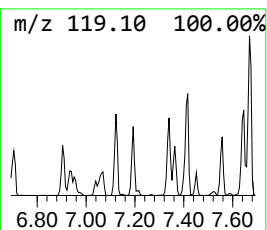
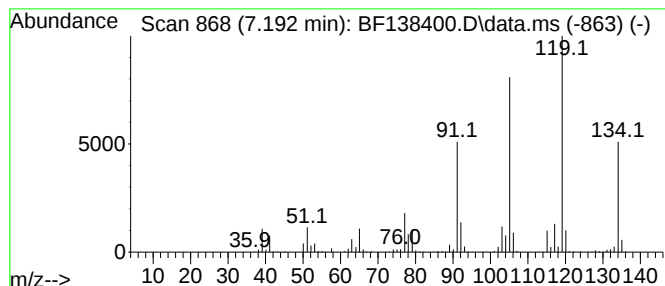
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	31.82 ng	2043400	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	92
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

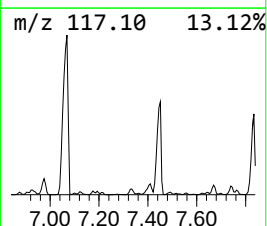
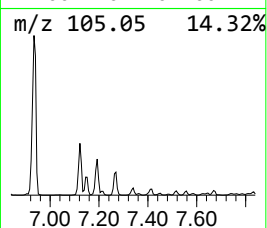
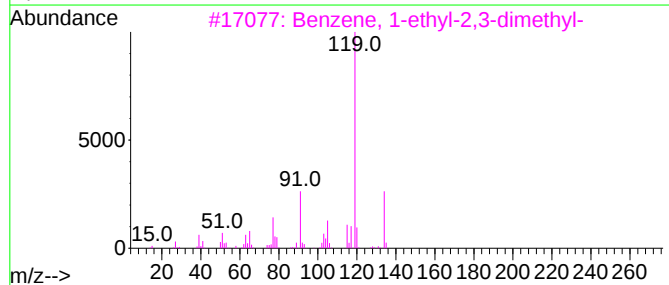
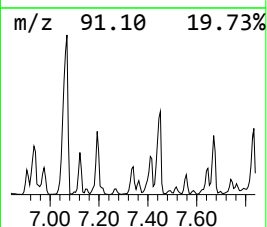
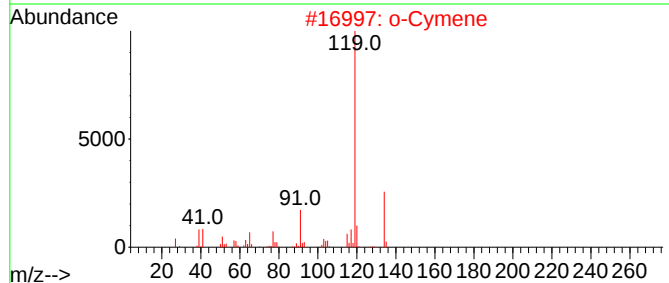
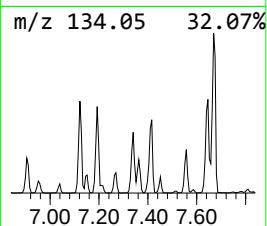
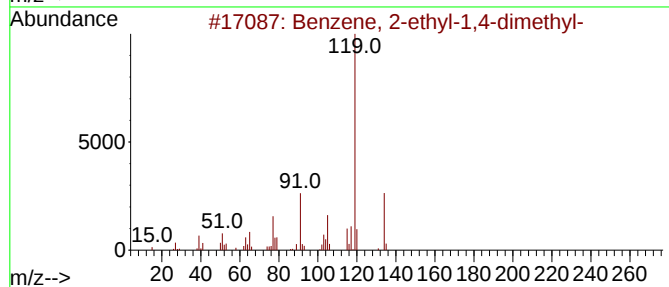
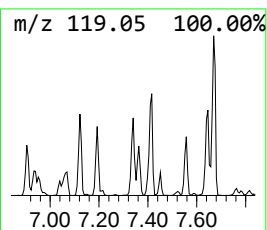
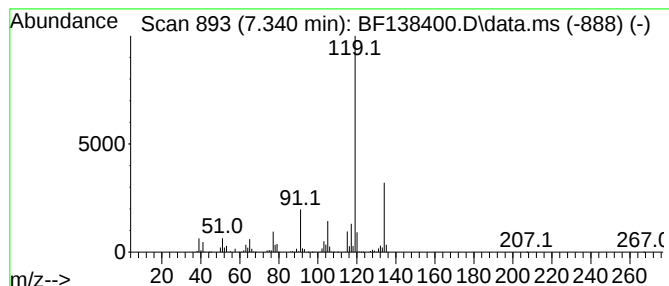
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.340	26.06 ng	1673120	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

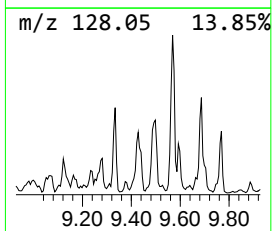
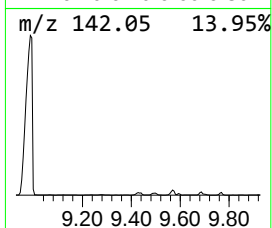
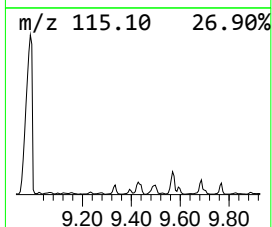
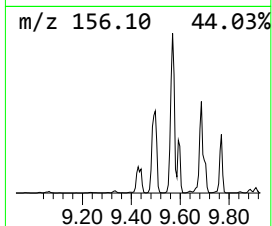
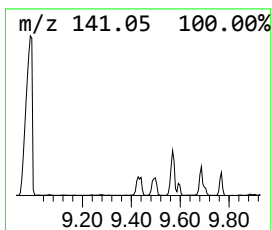
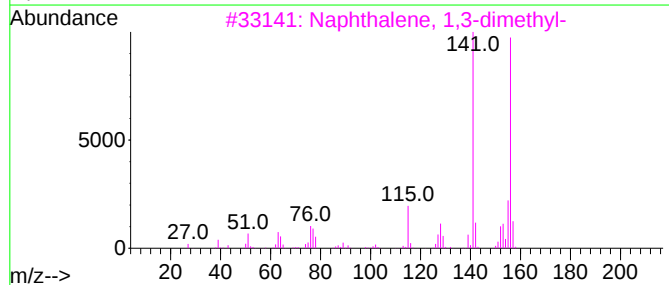
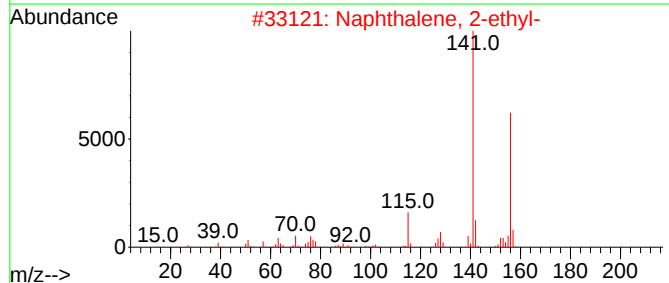
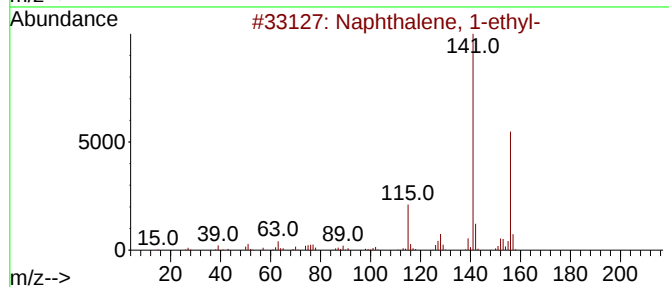
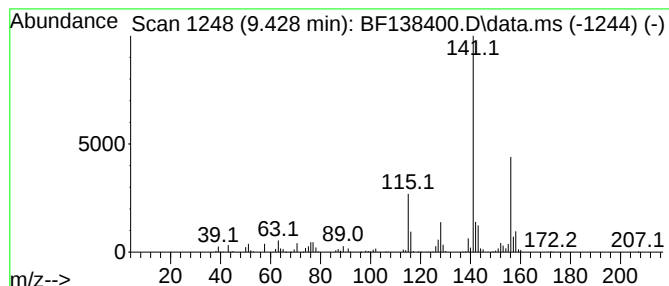
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	17.33 ng	1627160	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	72
4		2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	52
5		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

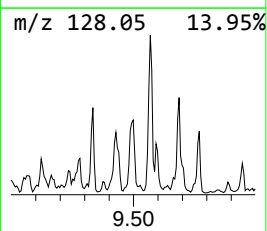
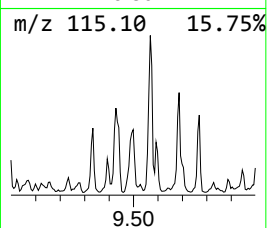
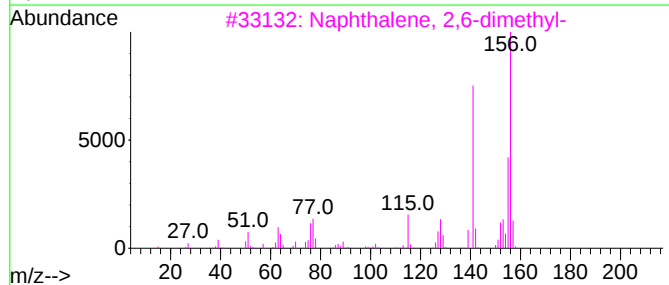
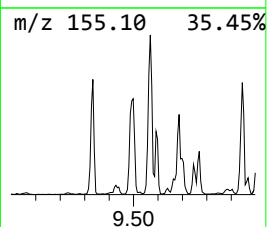
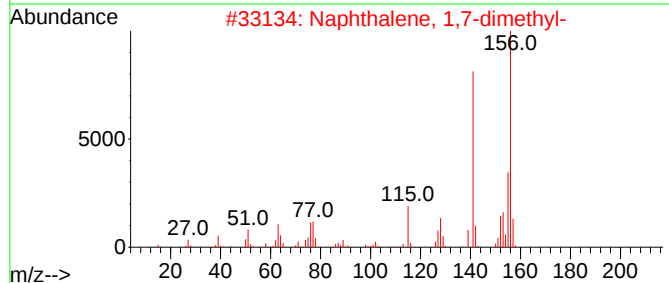
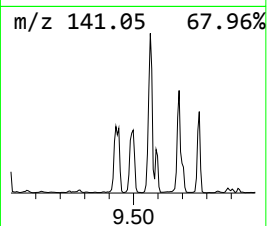
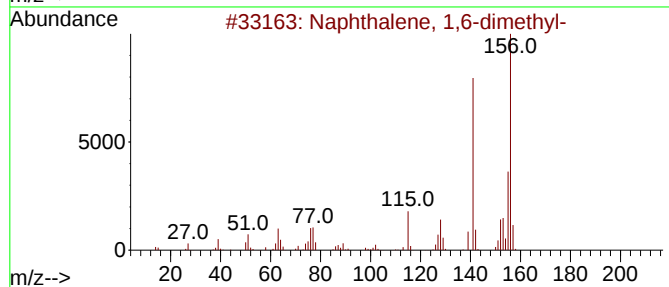
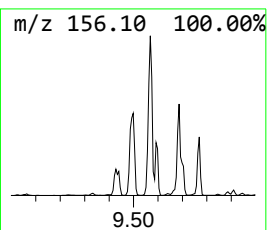
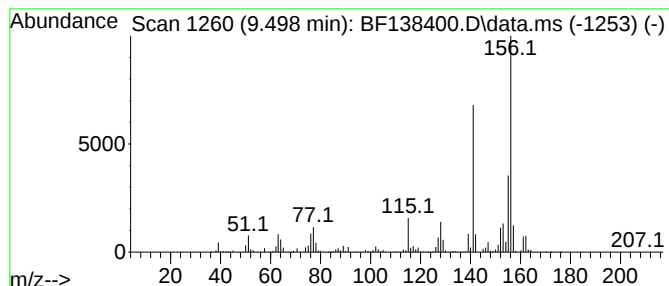
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	26.49 ng	2487200	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

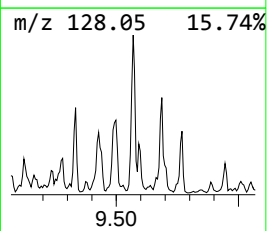
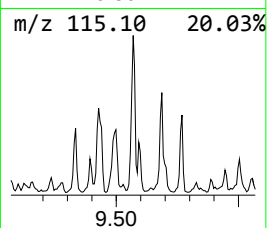
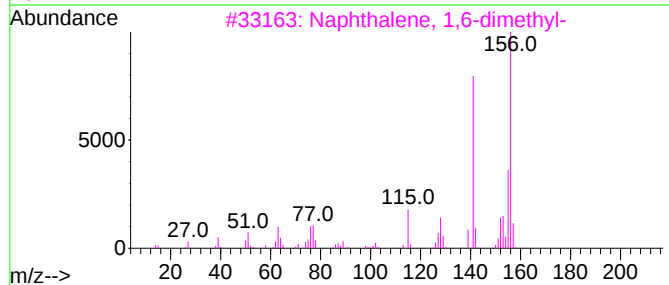
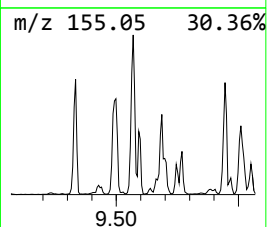
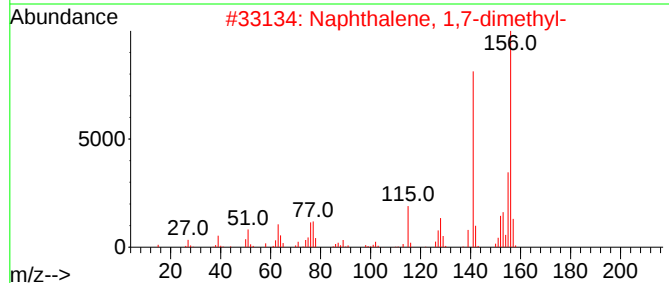
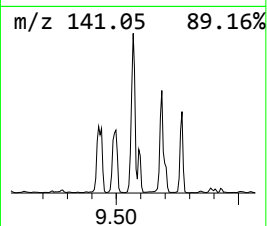
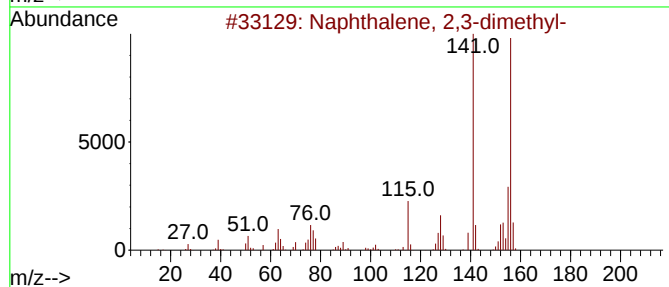
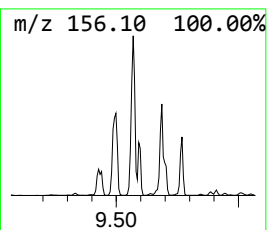
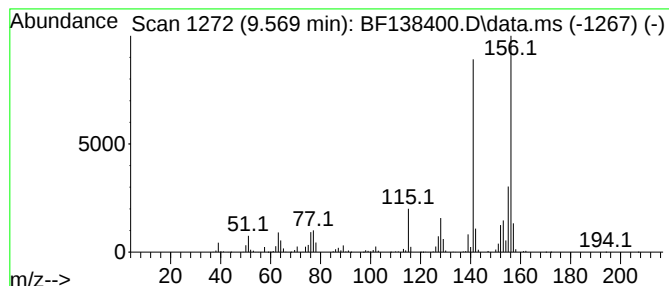
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	38.84 ng	3646870	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

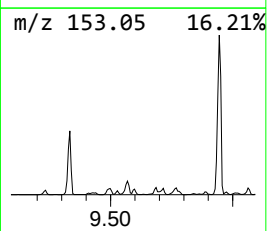
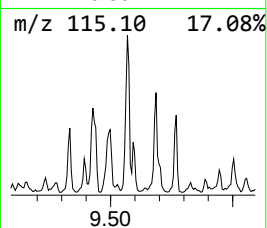
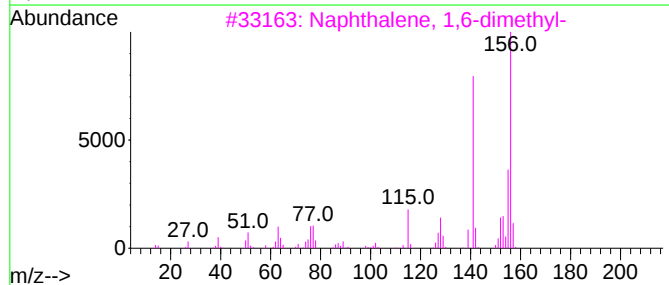
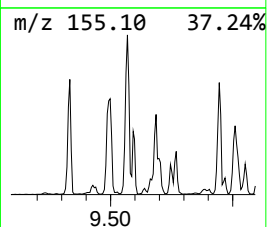
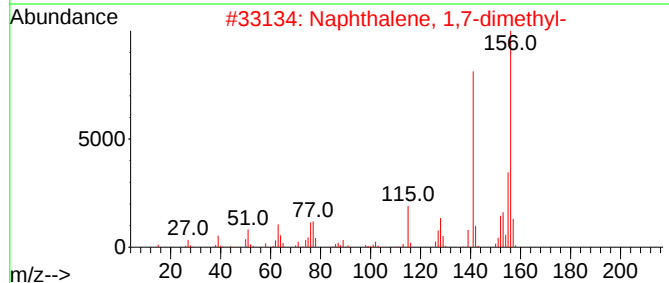
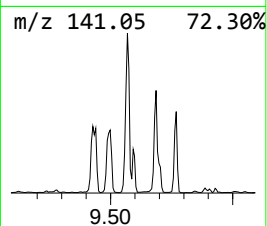
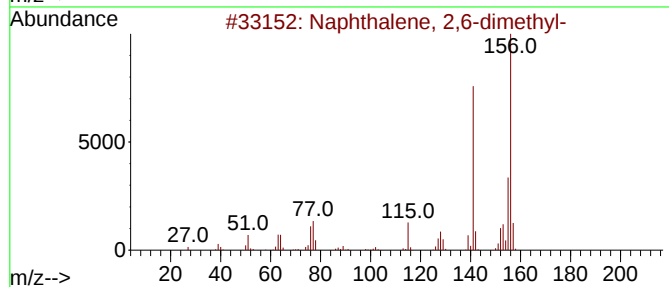
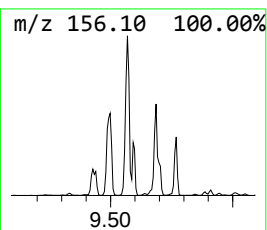
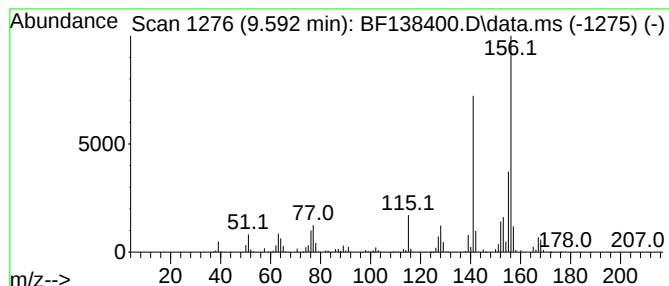
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	11.21 ng	1052570	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

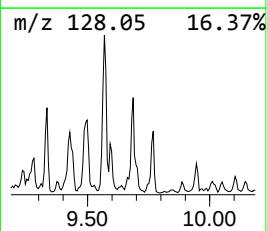
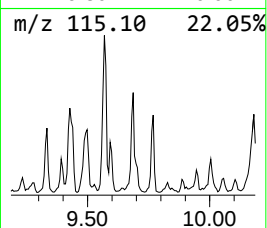
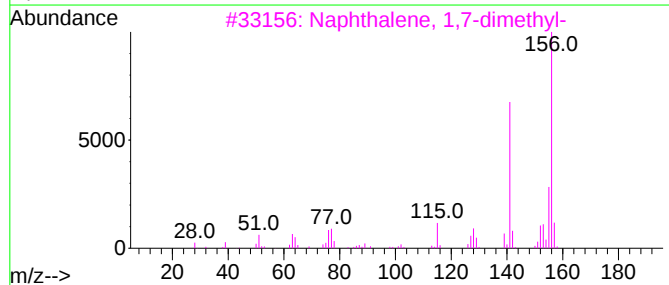
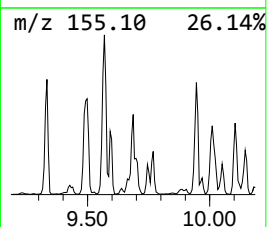
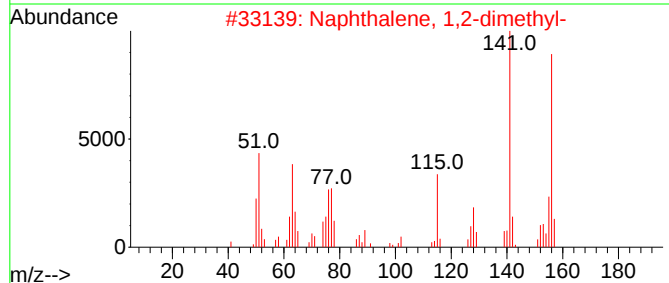
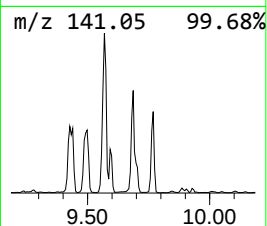
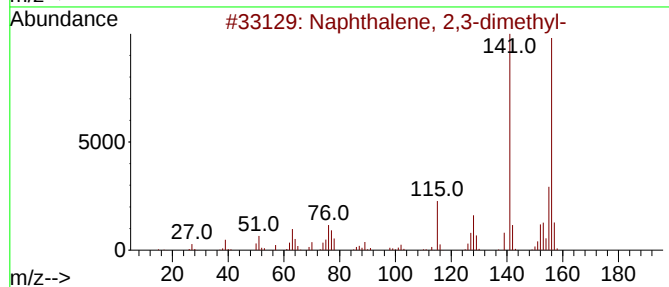
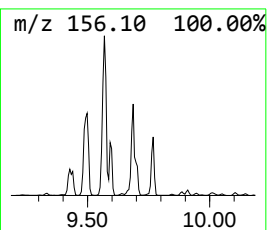
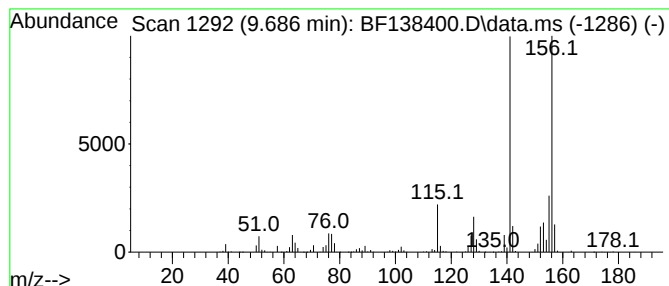
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	19.74 ng	1853720	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

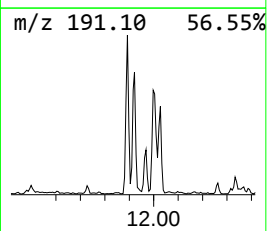
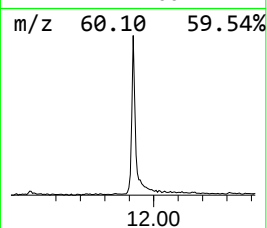
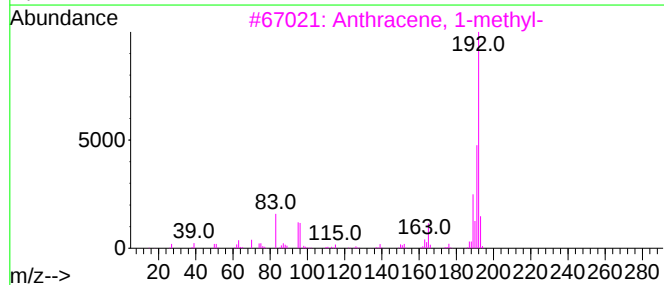
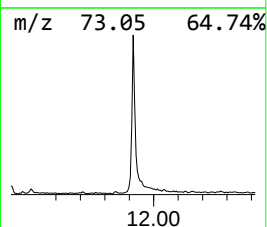
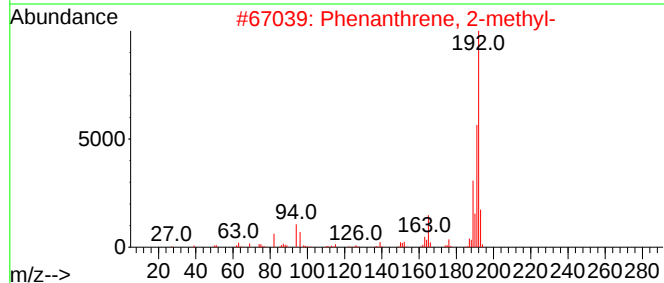
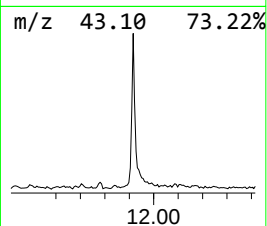
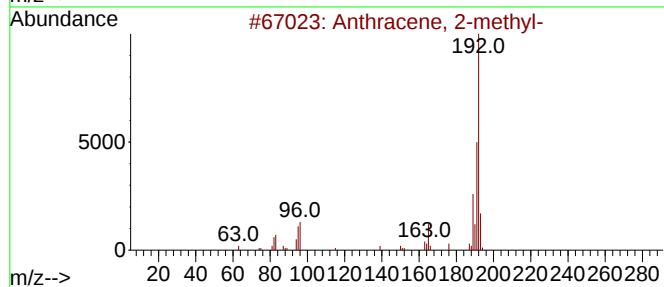
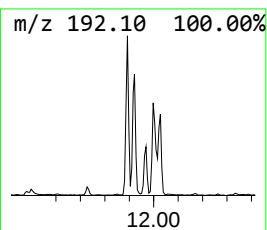
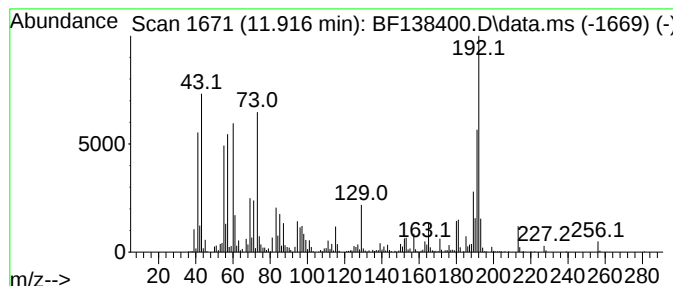
Instrument :
BNA_F
ClientSampleId :
MW12-20240625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	10.50 ng	815879	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
Data File : BF138400.D
Acq On : 01 Jul 2024 13:38
Operator : CG\JU
Sample : P3073-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW12-20240625

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.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
Butane, 2-metho...	2.187	126.4	ng	8115840	1	6.875	1284290	20.0
Ethylbenzene	5.369	97.6	ng	6264820	1	6.875	1284290	20.0
Benzene, (1-met...	6.045	41.2	ng	2643150	1	6.875	1284290	20.0
Benzene, propyl-	6.334	41.4	ng	2656570	1	6.875	1284290	20.0
Benzene, 1-ethy...	6.434	22.0	ng	1414950	1	6.875	1284290	20.0
Benzene, 1-ethy...	6.563	61.9	ng	3976450	1	6.875	1284290	20.0
Benzene, 1,2,3-...	6.704	115.3	ng	7403490	1	6.875	1284290	20.0
Mesitylene	6.934	79.5	ng	5105860	1	6.875	1284290	20.0
Benzene, (2-bro...	6.975	19.4	ng	1243470	1	6.875	1284290	20.0
Indane	7.069	210.8	ng	13537700	1	6.875	1284290	20.0
Benzene, 1,3-di...	7.122	38.8	ng	2488980	1	6.875	1284290	20.0
Benzene, 1,4-di...	7.192	31.8	ng	2043400	1	6.875	1284290	20.0
Benzene, 2-ethy...	7.340	26.1	ng	1673120	1	6.875	1284290	20.0
Naphthalene, 1-...	9.428	17.3	ng	1627160	3	9.910	1877790	20.0
Naphthalene, 1,...	9.498	26.5	ng	2487200	3	9.910	1877790	20.0
Naphthalene, 2,...	9.569	38.8	ng	3646870	3	9.910	1877790	20.0
Naphthalene, 2,...	9.592	11.2	ng	1052570	3	9.910	1877790	20.0
Naphthalene, 1,...	9.686	19.7	ng	1853720	3	9.910	1877790	20.0
Anthracene, 2-m...	11.916	10.5	ng	815879	4	11.392	1553620	20.0