

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134858.D
 Acq On : 19 Aug 2023 00:48
 Operator : CG\JU
 Sample : 04075-02 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB04-Z23-24

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-BF080123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.281	538	543	546	rBV	2377362	2234950	13.06%	1.702%
2	5.387	557	561	562	rBV	700231	679032	3.97%	0.517%
3	5.404	562	564	573	rVB2	587138	627765	3.67%	0.478%
4	5.640	600	604	608	rBV	837234	777852	4.55%	0.592%
5	6.351	722	725	729	rVB	939570	719902	4.21%	0.548%
6	6.616	767	770	778	rVB2	1135627	1278366	7.47%	0.974%
7	6.793	796	800	803	rBV	1053669	849937	4.97%	0.647%
8	6.851	807	810	812	rVV	469143	414062	2.42%	0.315%
9	6.981	826	832	835	rVB	5179714	5542762	32.39%	4.221%
10	7.040	840	842	849	rVB2	527678	664503	3.88%	0.506%
11	7.110	849	854	857	rBV	776191	634175	3.71%	0.483%
12	7.322	885	890	893	rVV	801384	766291	4.48%	0.584%
13	7.357	893	896	899	rVV2	436088	433190	2.53%	0.330%
14	7.587	932	935	938	rVB	553070	442959	2.59%	0.337%
15	7.745	959	962	967	rVB	1167584	937599	5.48%	0.714%
16	7.822	967	975	978	rBV3	1303165	2033675	11.88%	1.549%
17	7.857	978	981	986	rVV	1631365	2191799	12.81%	1.669%
18	7.940	993	995	1001	rBV2	285002	320167	1.87%	0.244%
19	8.122	1012	1026	1028	rBV	7089080	17111931	100.00%	13.033%
20	8.151	1028	1031	1035	rVB	1233174	983805	5.75%	0.749%
21	8.428	1074	1078	1081	rBV	413901	533647	3.12%	0.406%
22	8.469	1081	1085	1088	rVV3	264471	370492	2.17%	0.282%
23	8.516	1088	1093	1094	rVV2	382405	509102	2.98%	0.388%
24	8.539	1094	1097	1099	rVV	472867	554298	3.24%	0.422%
25	8.575	1101	1103	1108	rVV	492708	553273	3.23%	0.421%
26	8.628	1108	1112	1116	rVV3	259464	339375	1.98%	0.258%
27	8.669	1116	1119	1123	rVV2	764697	652713	3.81%	0.497%
28	8.716	1123	1127	1129	rVV	293474	376078	2.20%	0.286%
29	8.739	1129	1131	1134	rVV2	458024	437891	2.56%	0.334%
30	8.798	1134	1141	1144	rVB	6360078	8532918	49.87%	6.499%
31	8.898	1151	1158	1160	rBV	5312885	6322826	36.95%	4.816%
32	9.251	1211	1218	1221	rBV2	1789806	2073970	12.12%	1.580%
33	9.345	1231	1234	1239	rVB	3069376	3037431	17.75%	2.313%
34	9.416	1240	1246	1249	rBV2	2039422	2860666	16.72%	2.179%
35	9.445	1249	1251	1254	rVB	411182	318562	1.86%	0.243%
36	9.492	1254	1259	1261	rBV	2863732	3113042	18.19%	2.371%

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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-BF080123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.516	1261	1263	1266	rVV	2223330	1702608	9.95%	1.297%
38	9.604	1275	1278	1286	rVB	1615756	1694452	9.90%	1.291%
39	9.686	1290	1292	1298	rVB	1619307	1297334	7.58%	0.988%
40	9.763	1302	1305	1308	rBV	599735	443318	2.59%	0.338%

41	9.810	1310	1313	1315	rBV	816928	955236	5.58%	0.728%
42	9.828	1315	1316	1318	rVV	1106057	609207	3.56%	0.464%
43	9.869	1318	1323	1325	rVB	4862942	4631357	27.07%	3.527%
44	9.934	1330	1334	1338	rVB	650993	695352	4.06%	0.530%
45	10.028	1347	1350	1354	rVV2	814936	926302	5.41%	0.705%

46	10.069	1354	1357	1361	rVV	602504	594165	3.47%	0.453%
47	10.139	1365	1369	1372	rBV2	646273	849600	4.96%	0.647%
48	10.175	1372	1375	1377	rVV	475085	451006	2.64%	0.343%
49	10.233	1381	1385	1387	rBV3	398287	583535	3.41%	0.444%
50	10.263	1387	1390	1391	rVV2	413767	431533	2.52%	0.329%

51	10.281	1391	1393	1396	rVB	701166	533371	3.12%	0.406%
52	10.328	1396	1401	1402	rBV4	225817	330264	1.93%	0.252%
53	10.345	1402	1404	1407	rVV	529508	475533	2.78%	0.362%
54	10.381	1407	1410	1415	rVB	2289653	2302009	13.45%	1.753%
55	10.439	1415	1420	1422	rBV4	310270	465709	2.72%	0.355%

56	10.486	1425	1428	1431	rVV	636672	618395	3.61%	0.471%
57	10.533	1433	1436	1438	rVV2	300775	348710	2.04%	0.266%
58	10.557	1438	1440	1444	rVB	346667	328547	1.92%	0.250%
59	10.598	1444	1447	1454	rVB2	900144	1047189	6.12%	0.798%
60	10.739	1469	1471	1477	rVB	522237	489631	2.86%	0.373%

61	10.922	1498	1502	1505	rBV	487567	655142	3.83%	0.499%
62	10.951	1505	1507	1511	rVV	418612	315954	1.85%	0.241%
63	11.010	1514	1517	1520	rBV2	315019	327878	1.92%	0.250%
64	11.210	1549	1551	1560	rVB	867844	902136	5.27%	0.687%
65	11.316	1566	1569	1571	rBV	790797	811494	4.74%	0.618%

66	11.351	1571	1575	1578	rVV	4708776	4868946	28.45%	3.708%
67	11.392	1579	1582	1585	rVV	1757845	1574429	9.20%	1.199%
68	11.651	1623	1626	1631	rVB2	353133	356771	2.08%	0.272%
69	11.822	1651	1655	1657	rVV	1370900	1163134	6.80%	0.886%
70	11.851	1657	1660	1663	rVV	1450735	1223847	7.15%	0.932%

71	11.898	1664	1668	1671	rBV	645088	557470	3.26%	0.425%
72	11.933	1671	1674	1676	rVV	1753777	1770268	10.35%	1.348%
73	11.957	1676	1678	1681	rVB	949713	707822	4.14%	0.539%
74	12.116	1702	1705	1709	rVV	631656	624715	3.65%	0.476%
75	12.375	1743	1749	1751	rBV	714246	830384	4.85%	0.632%

76	12.410	1751	1755	1757	rVV2	496727	653013	3.82%	0.497%
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 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 >
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77	12.469	1761	1765	1768	rVV2	223199	382920	2.24%	0.292%
78	12.539	1773	1777	1780	rBV	2536525	2367960	13.84%	1.803%
79	12.627	1789	1792	1795	rVB	959696	843313	4.93%	0.642%
80	12.769	1810	1816	1819	rBV	3542581	3626585	21.19%	2.762%
81	12.910	1837	1840	1847	rVB	253455	365951	2.14%	0.279%
82	12.980	1849	1852	1857	rBV	357787	451574	2.64%	0.344%
83	13.074	1864	1868	1869	rBV2	329838	418508	2.45%	0.319%
84	13.092	1869	1871	1874	rVB	893086	771531	4.51%	0.588%
85	13.163	1880	1883	1886	rVB	719800	611660	3.57%	0.466%
86	13.198	1886	1889	1892	rBV	615044	493439	2.88%	0.376%
87	13.263	1897	1900	1903	rBV	624092	648838	3.79%	0.494%
88	13.292	1903	1905	1907	rVB	445212	326720	1.91%	0.249%
89	13.322	1907	1910	1920	rVB	668485	753602	4.40%	0.574%
90	13.580	1950	1954	1960	rBV2	155870	356706	2.08%	0.272%
91	13.745	1979	1982	1984	rVV	380734	348650	2.04%	0.266%
92	13.963	2014	2019	2022	rBV2	2035032	2715599	15.87%	2.068%
93	13.992	2022	2024	2030	rVB	1311376	1303921	7.62%	0.993%
94	14.357	2082	2086	2089	rVV	510098	570505	3.33%	0.435%
95	14.451	2095	2102	2104	rVV3	266415	387339	2.26%	0.295%
96	14.504	2109	2111	2116	rVV2	317293	340297	1.99%	0.259%
97	15.010	2192	2197	2210	rVB	475593	1023683	5.98%	0.780%
98	15.310	2243	2248	2254	rBV	361502	428628	2.50%	0.326%
99	15.374	2254	2259	2264	rVV	656517	793543	4.64%	0.604%
100	15.433	2265	2269	2273	rVV	441311	589575	3.45%	0.449%

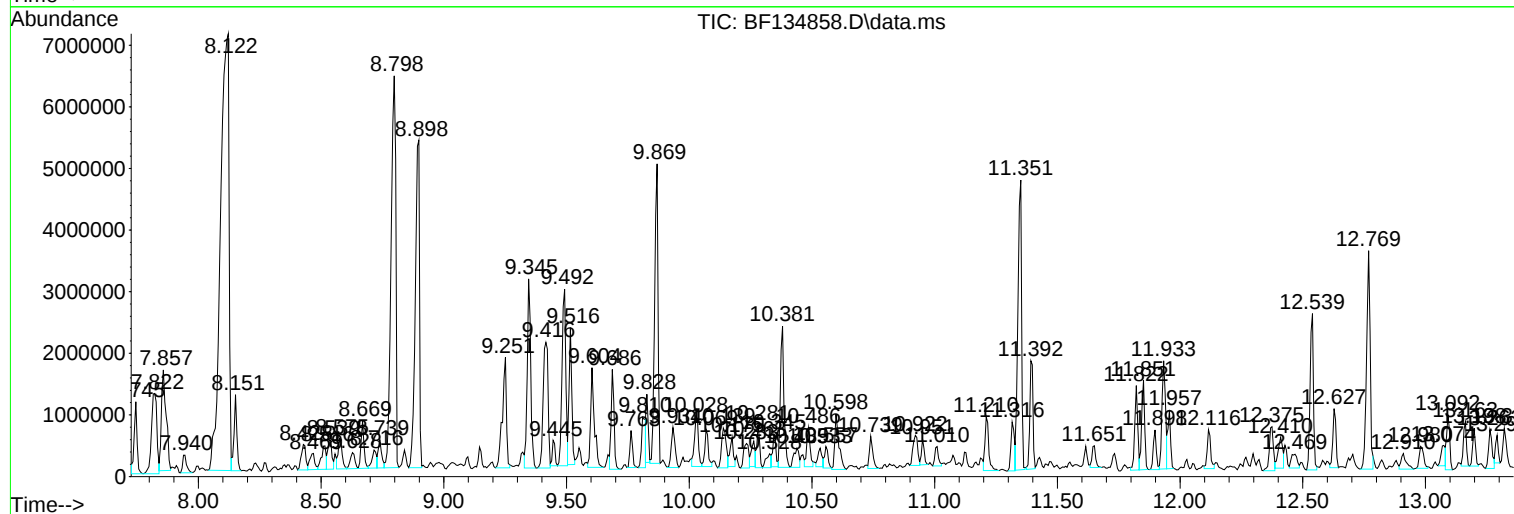
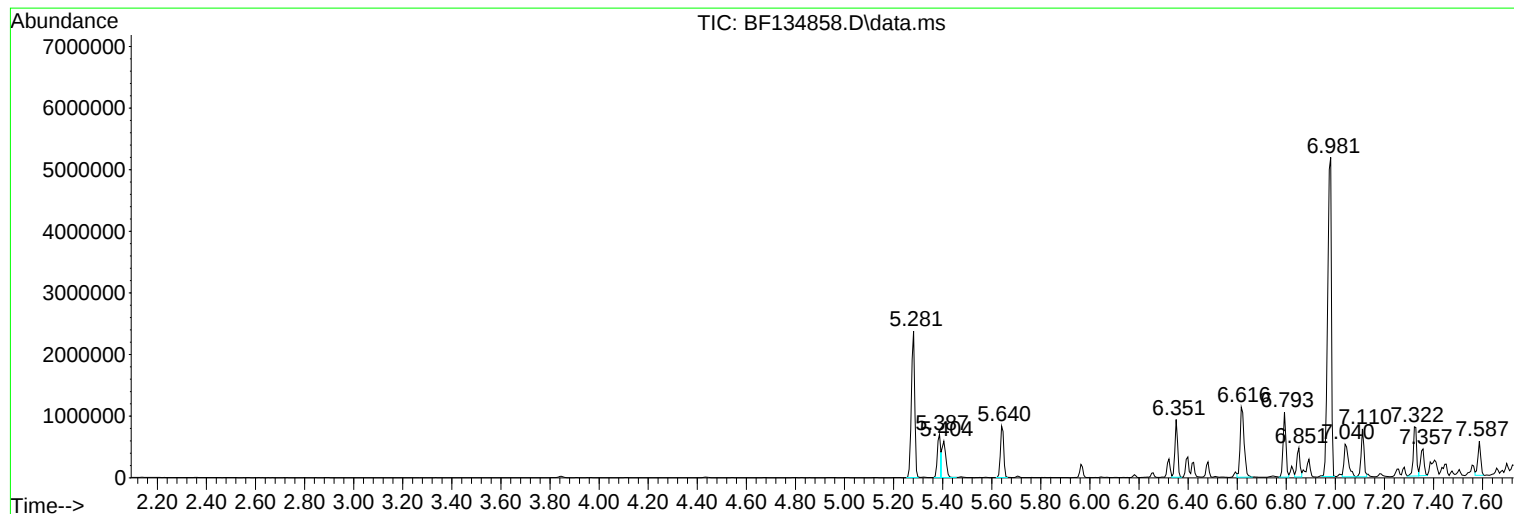
Sum of corrected areas: 131299819

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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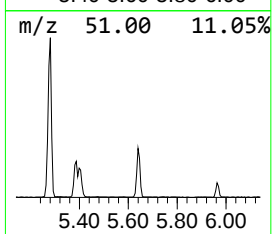
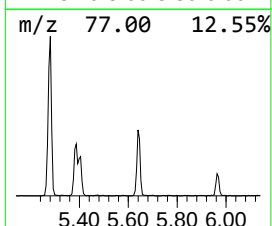
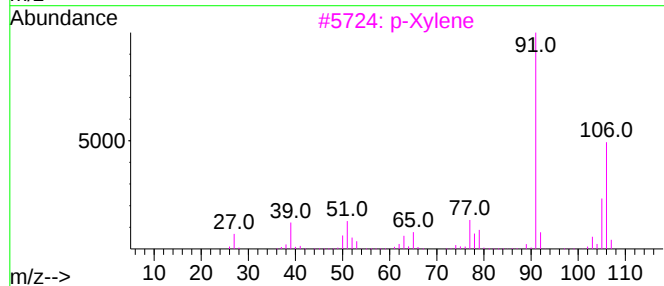
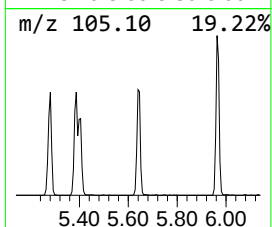
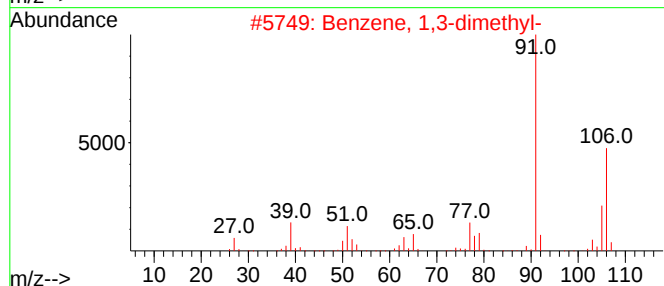
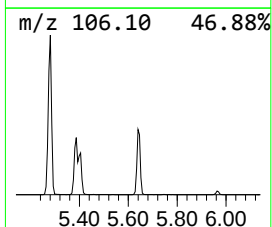
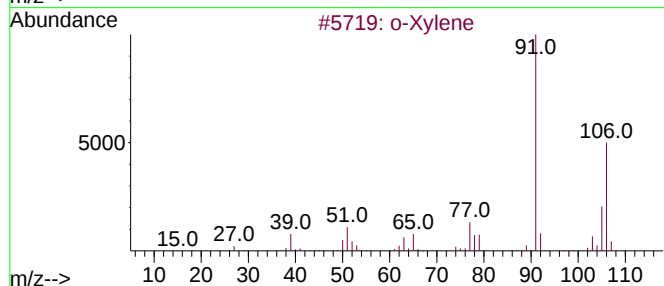
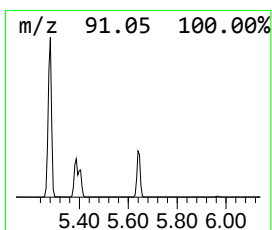
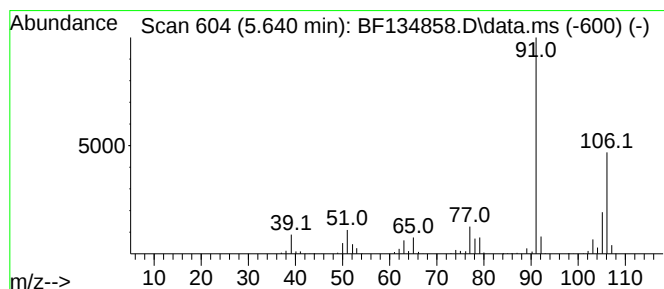
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 o-Xylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
5.640	18.30 ng	777852	1,4-Dichlorobenzene-d4		6.793	
Hit# of 4	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Xylene		106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-		106	C8H10	000108-38-3	97
3	p-Xylene		106	C8H10	000106-42-3	97
4	Ethylbenzene		106	C8H10	000100-41-4	87



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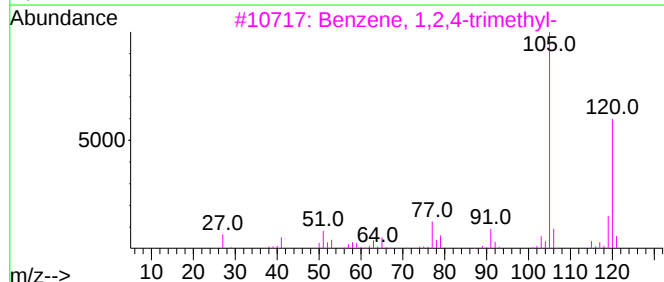
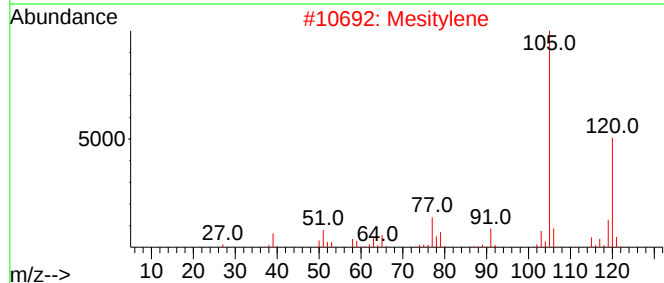
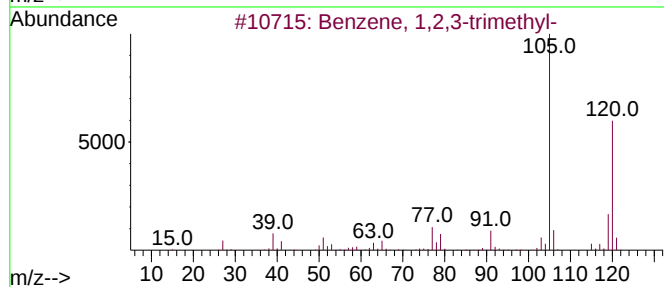
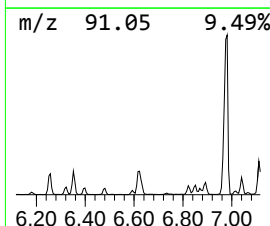
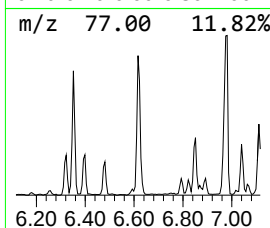
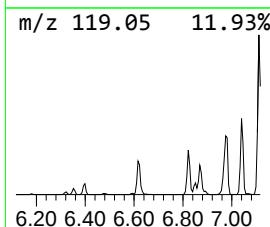
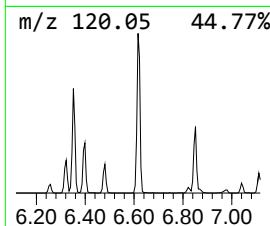
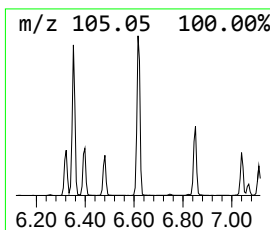
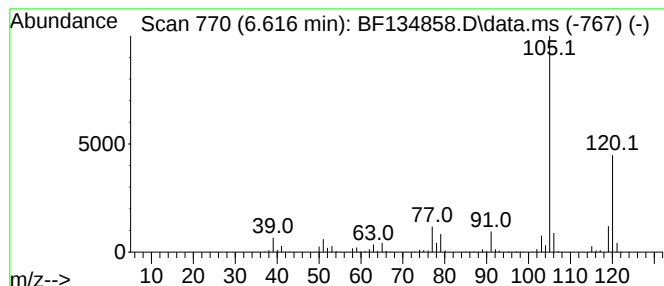
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	30.08 ng	1278370	1,4-Dichlorobenzene-d4	6.793

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	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87



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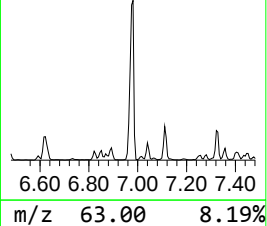
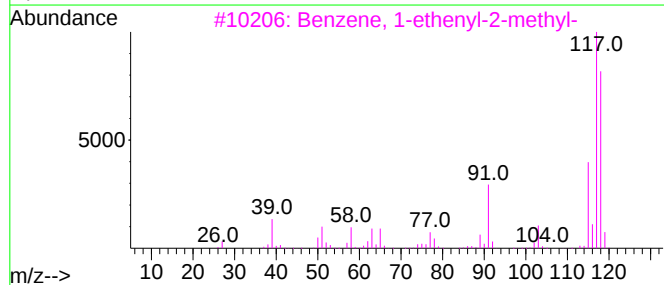
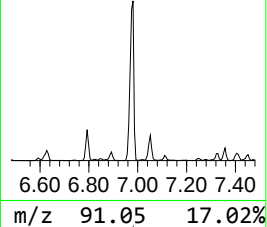
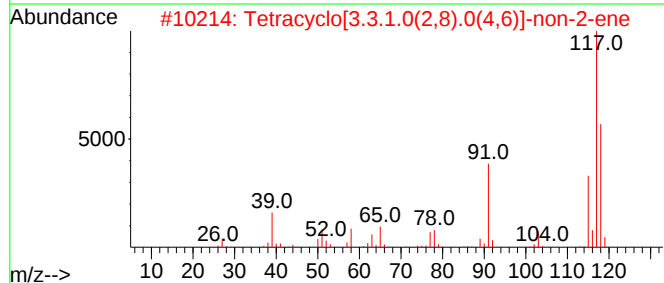
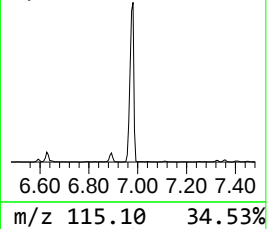
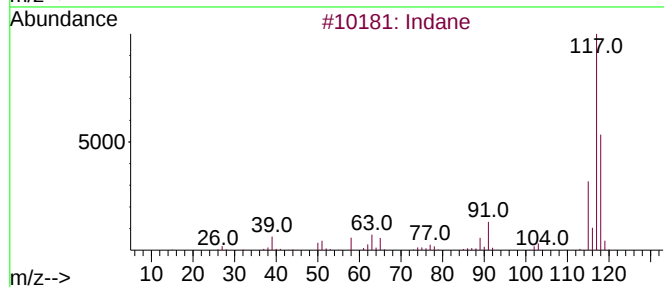
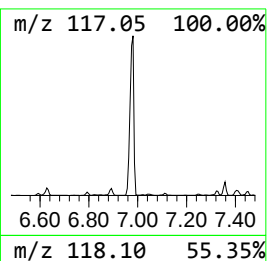
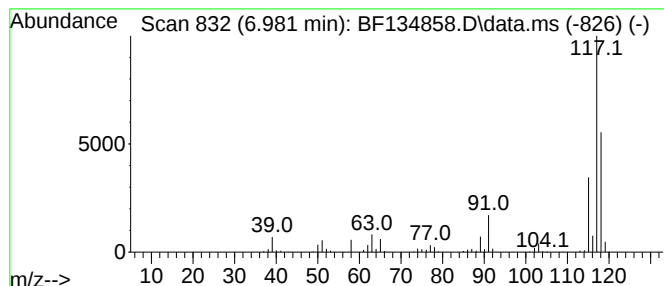
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	130.43 ng	5542760	1,4-Dichlorobenzene-d4	6.793

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	80
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z23-24

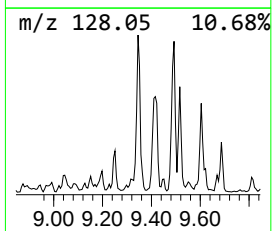
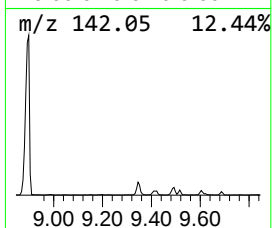
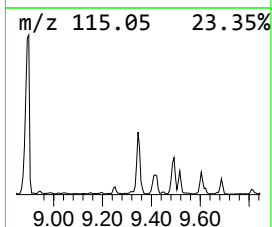
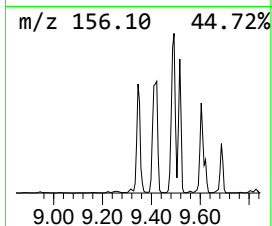
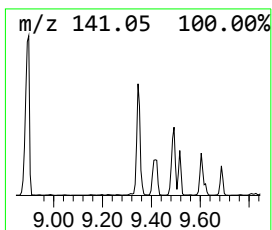
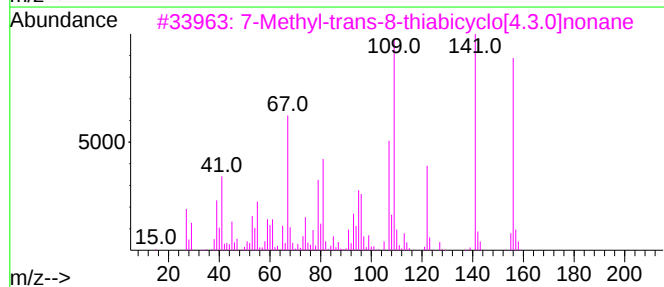
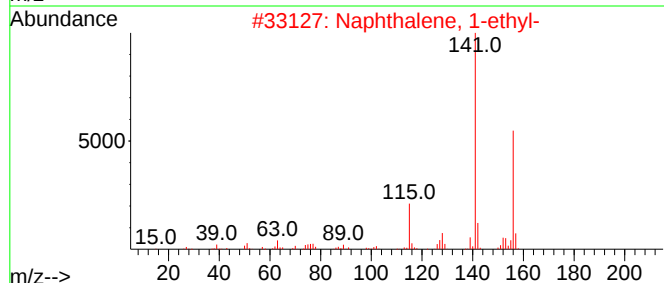
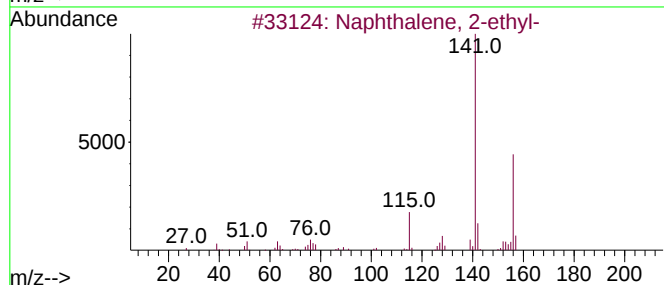
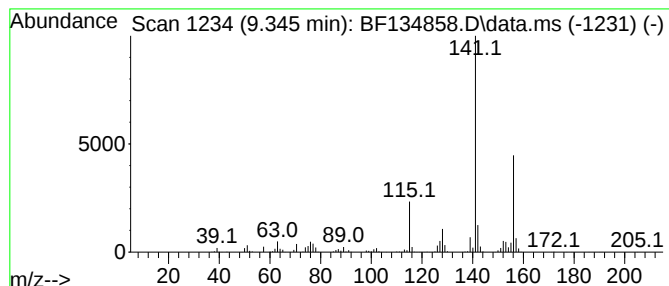
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	99.72 ng	3037430	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3			7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50
4			1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	47
5			Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
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ALS Vial : 27 Sample Multiplier: 1

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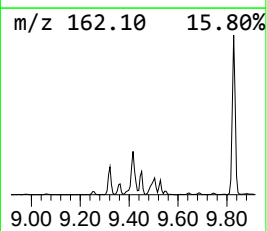
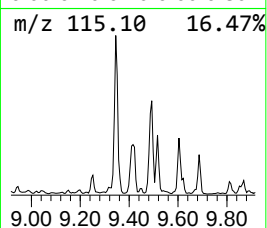
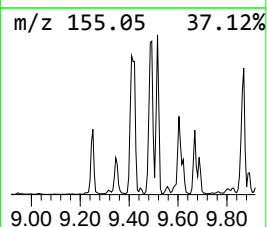
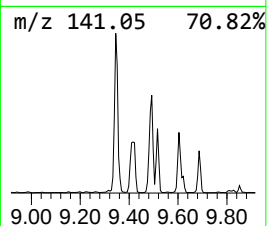
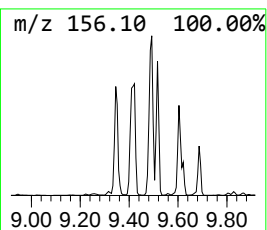
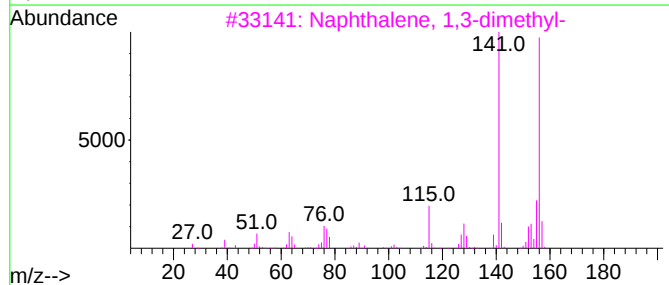
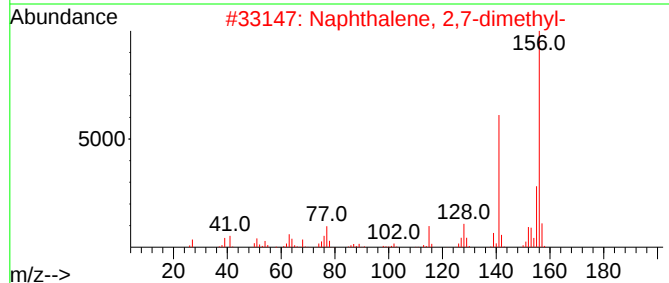
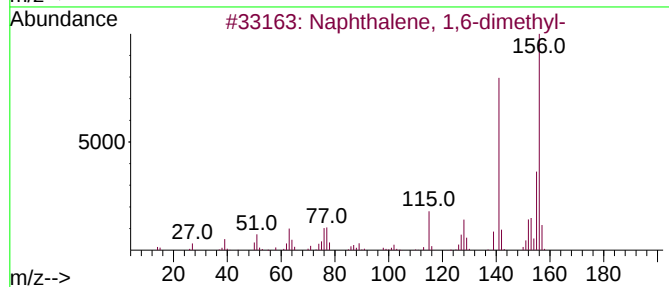
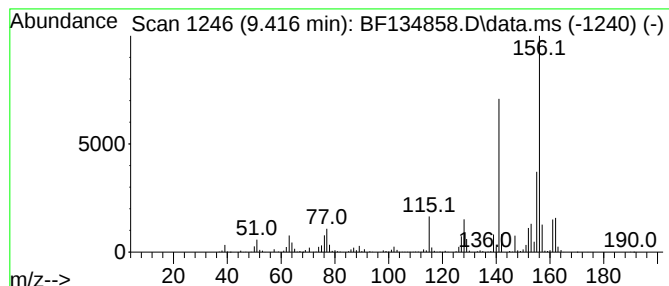
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	93.91 ng	2860670	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
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Instrument :
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ClientSampleId :
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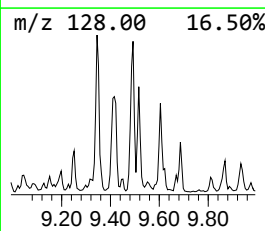
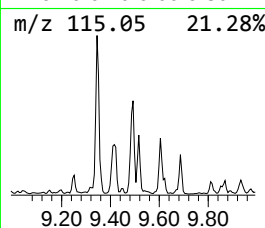
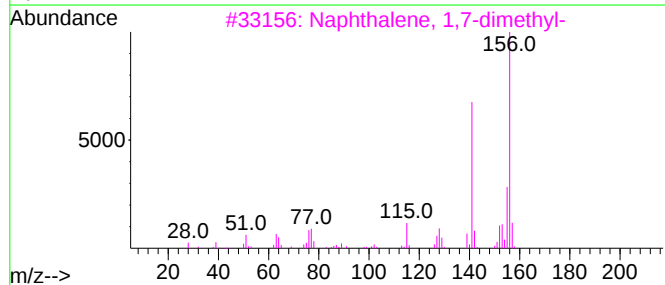
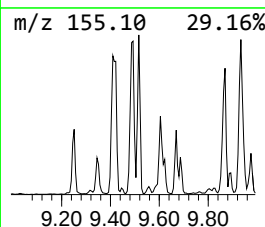
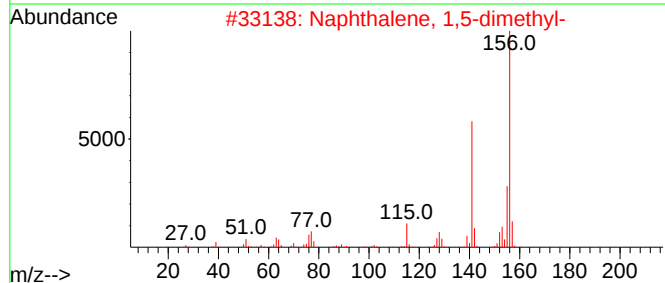
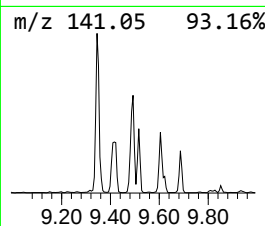
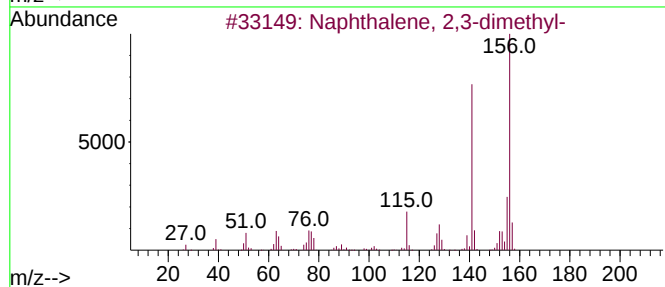
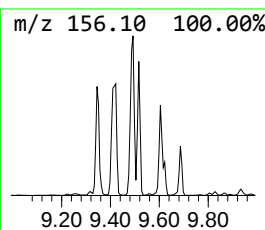
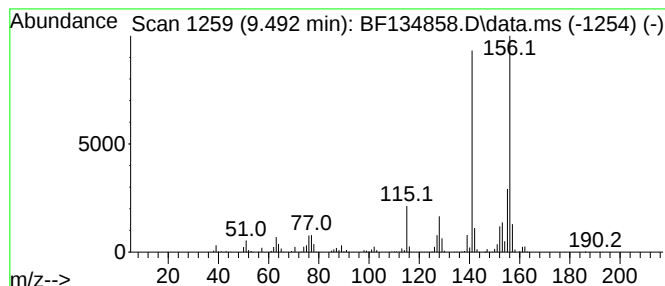
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	102.20 ng	3113040	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
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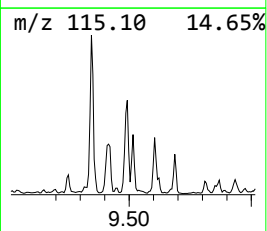
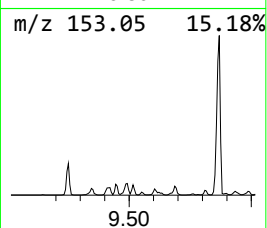
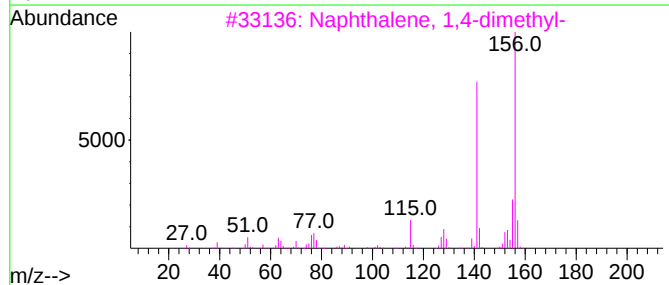
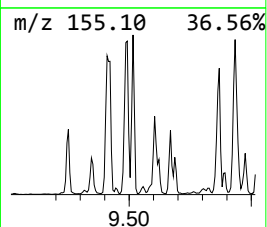
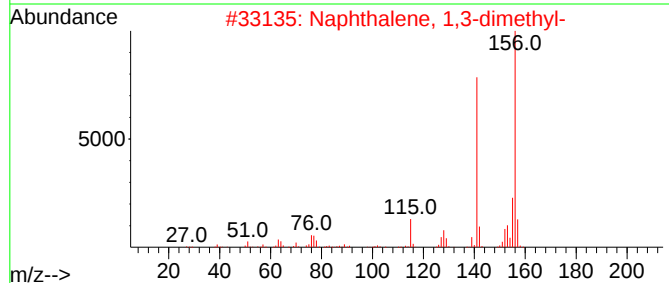
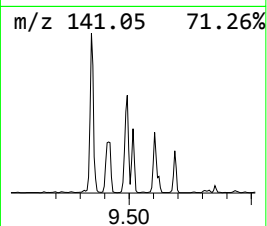
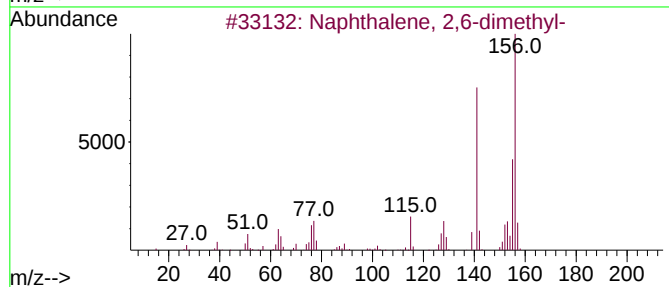
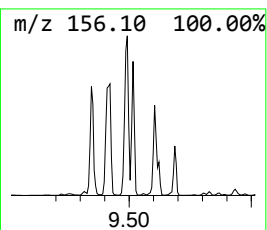
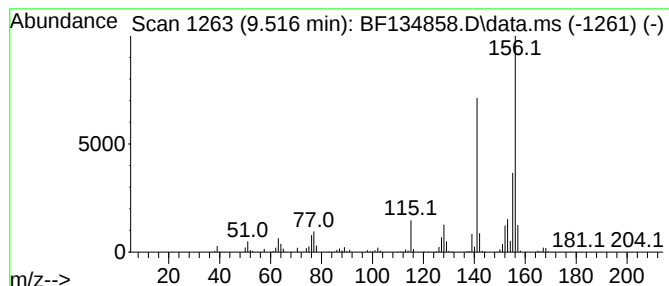
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	55.90 ng	1702610	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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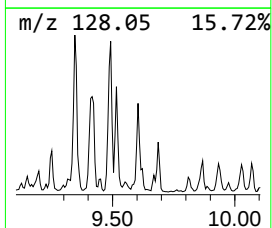
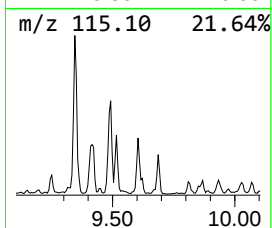
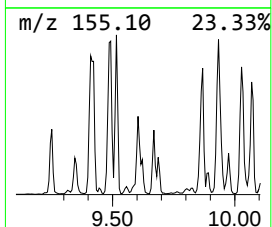
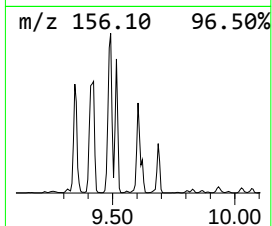
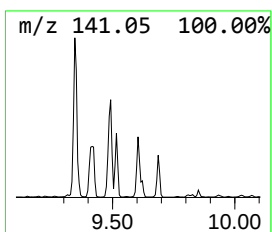
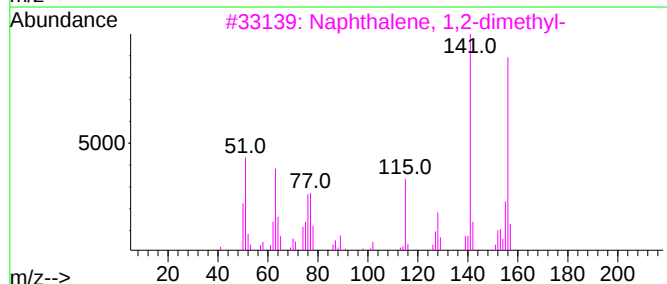
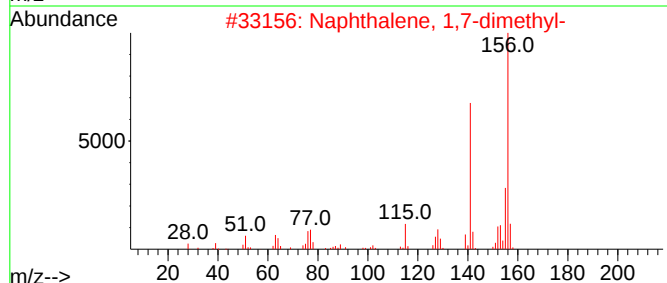
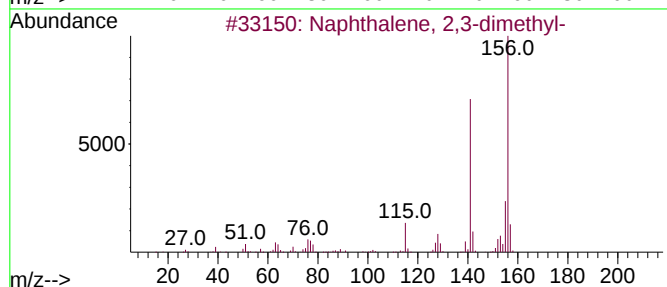
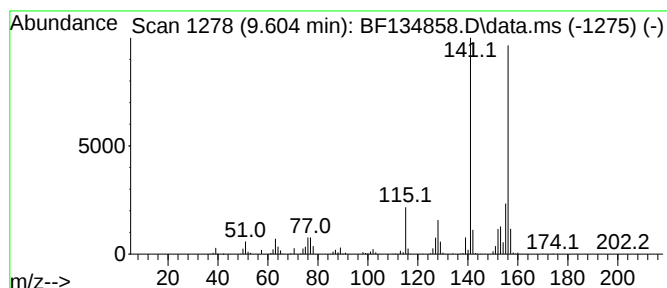
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.604	55.63 ng	1694450	Acenaphthene-d10		9.828	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-		156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-		156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-		156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-		156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-		156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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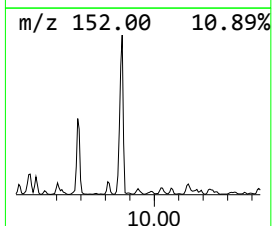
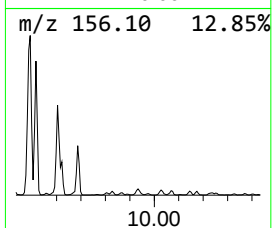
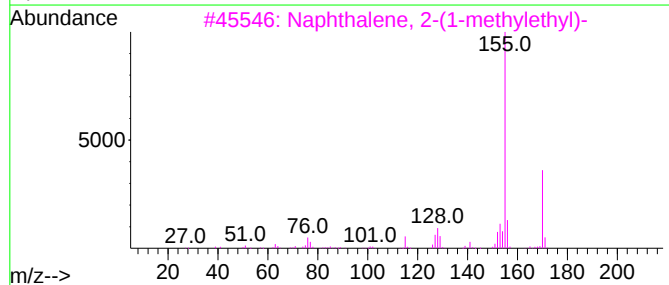
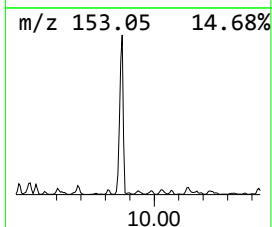
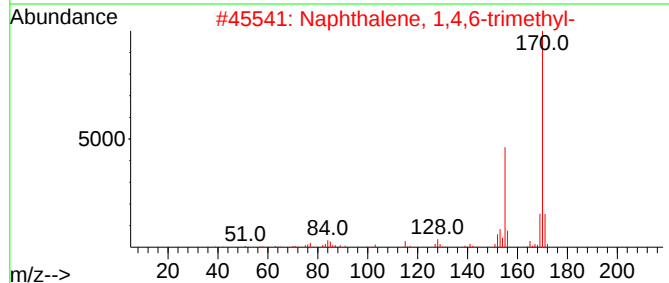
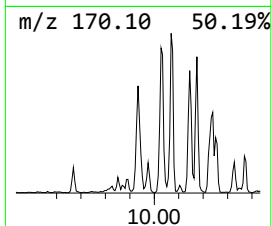
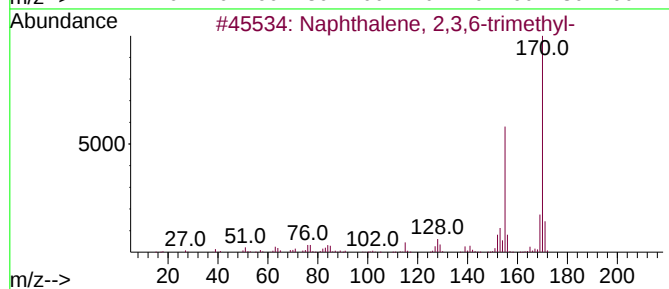
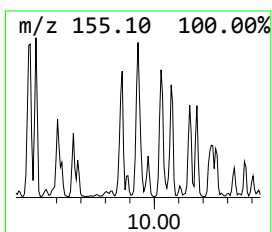
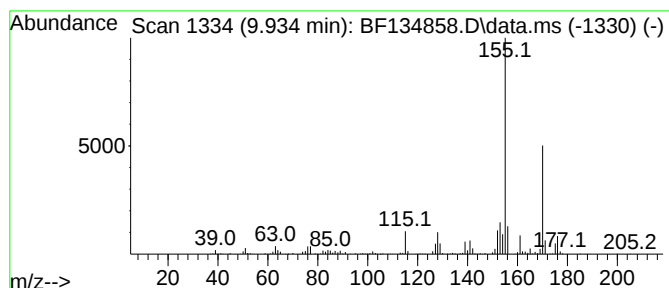
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.934	22.83 ng	695352	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
NEVINS-SB04-Z23-24

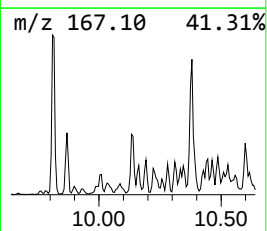
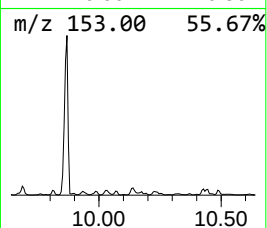
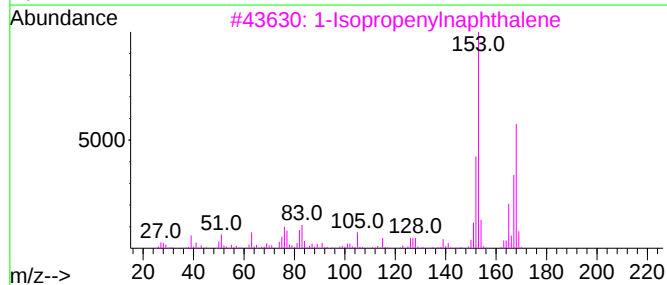
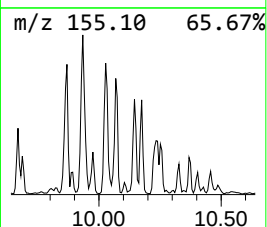
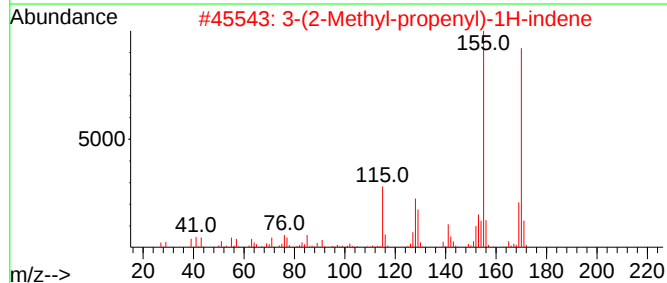
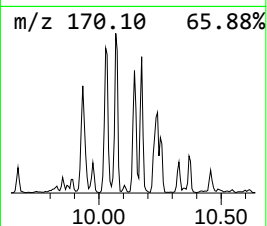
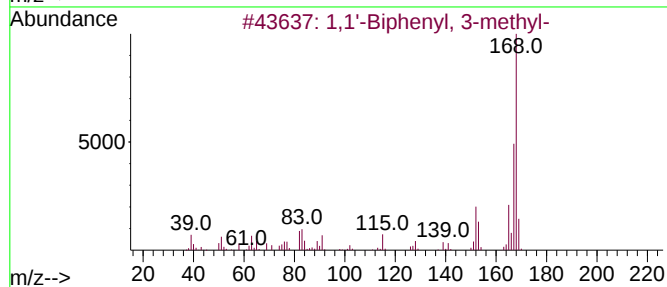
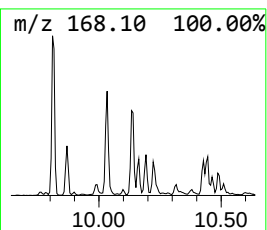
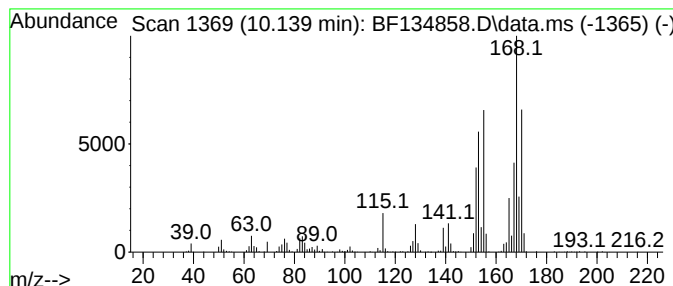
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	27.89 ng	849600	Acenaphthene-d10	9.828

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	51
3		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

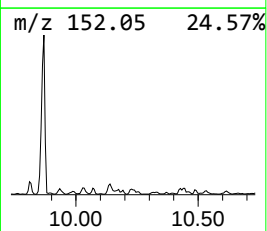
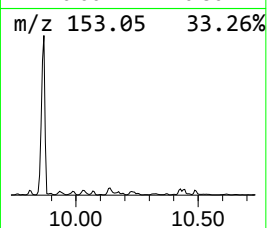
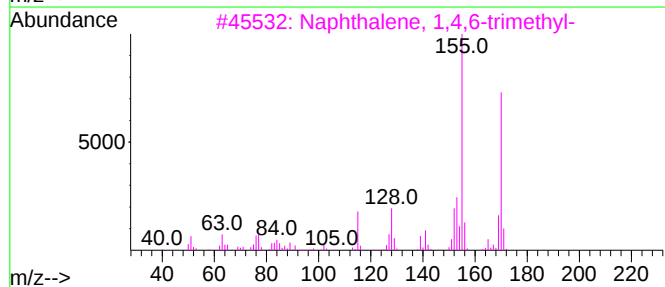
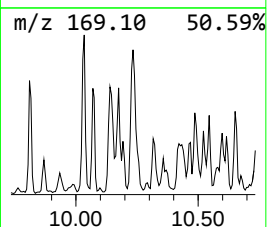
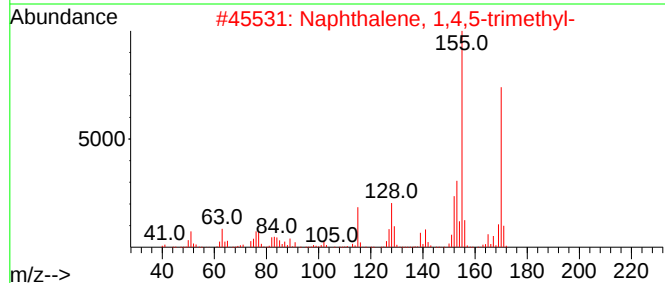
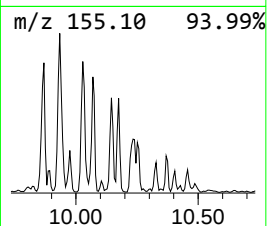
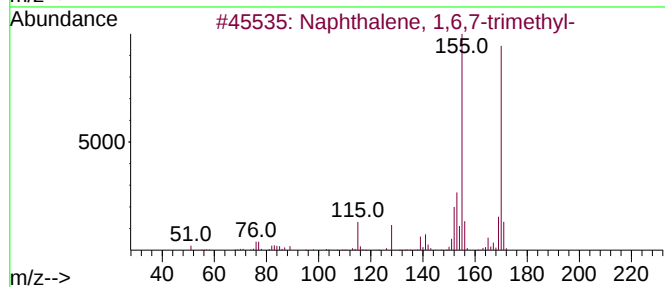
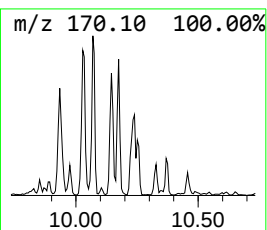
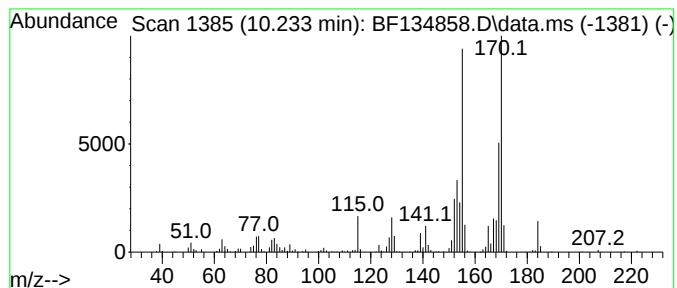
Instrument :
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ClientSampleId :
NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.233	19.16 ng	583535	Acenaphthene-d10			9.828
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-		170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-		170	C13H14	002131-41-1	93
3	Naphthalene, 1,4,6-trimethyl-		170	C13H14	002131-42-2	90
4	4,6,8-Trimethylazulene		170	C13H14	000941-81-1	90
5	Naphthalene, 2,3,6-trimethyl-		170	C13H14	000829-26-5	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB04-Z23-24

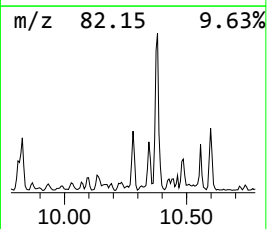
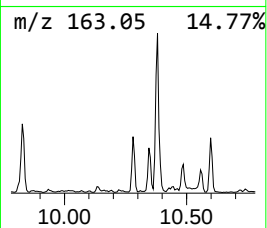
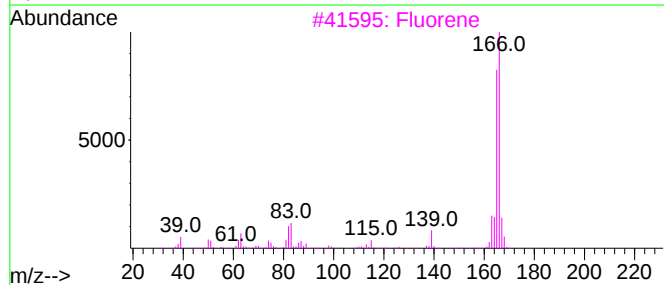
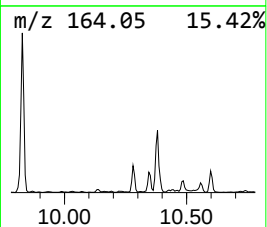
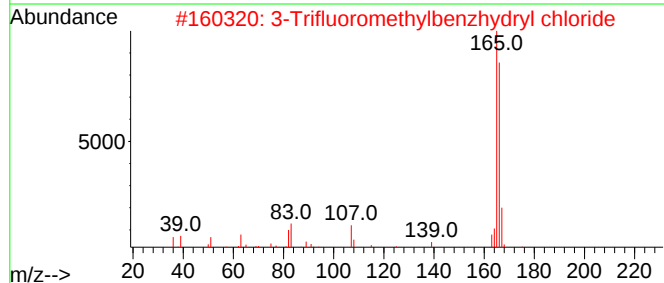
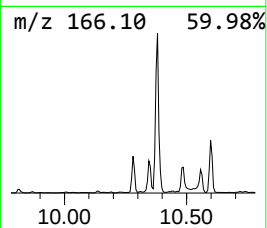
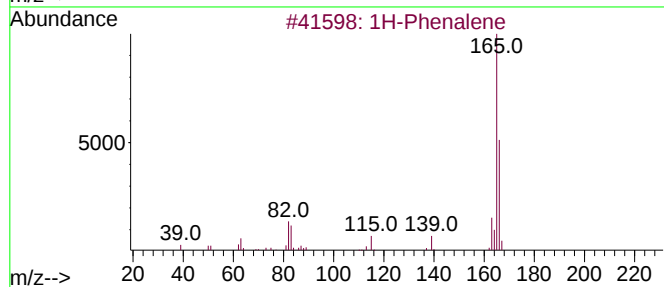
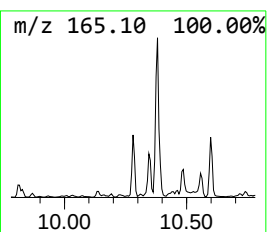
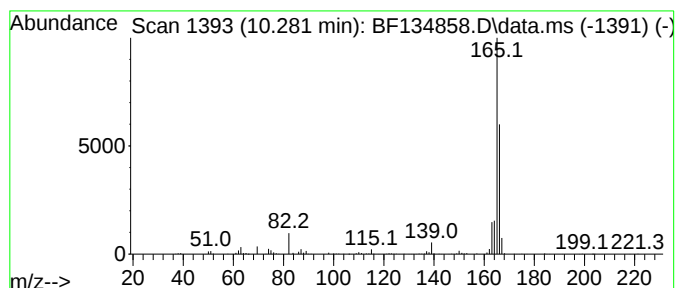
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Phenalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.281	17.51 ng	533371	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	78
2			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3			Fluorene	166	C13H10	000086-73-7	46
4			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	12
5			Spiro[4.5]decane-6,10-dione	166	C10H14O2	006684-66-8	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

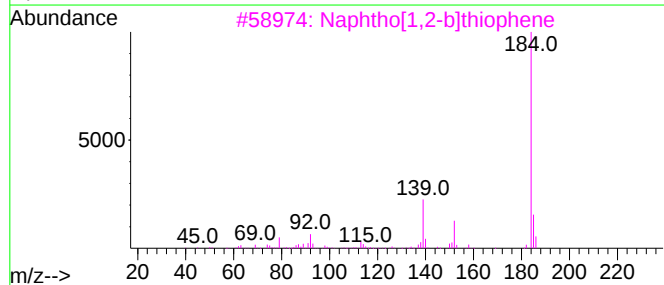
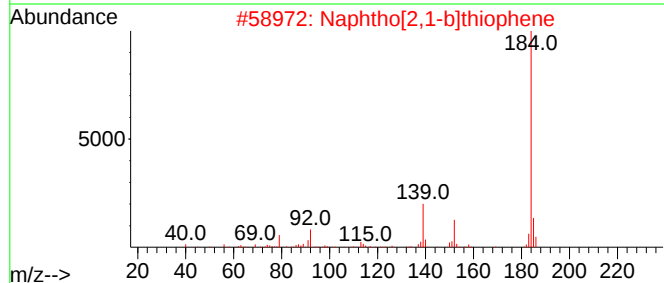
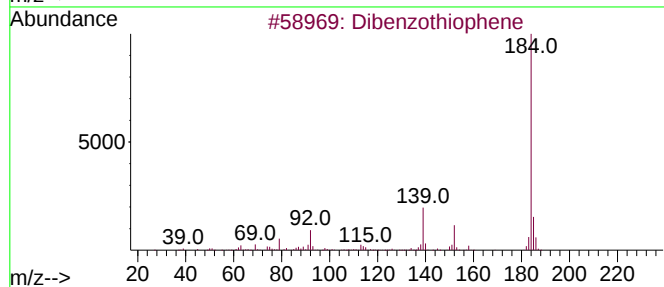
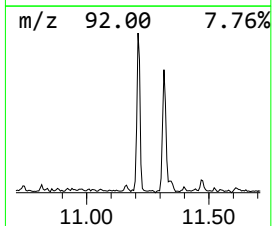
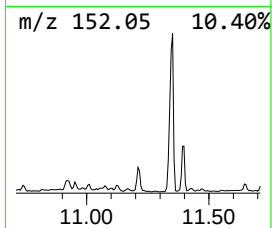
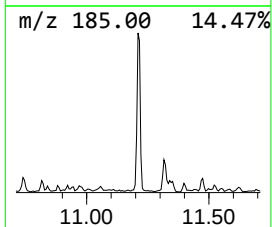
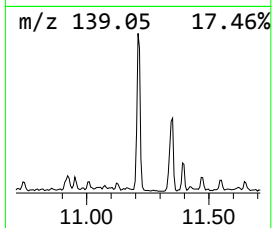
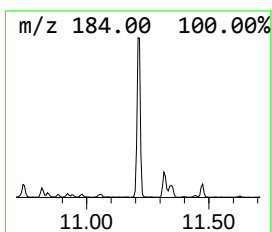
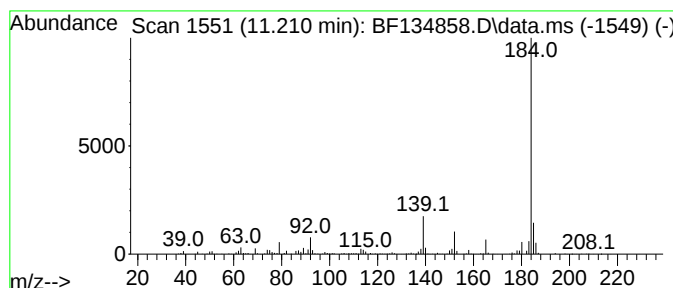
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NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.210	22.23 ng	902136	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene		184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene		184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene		184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene		184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

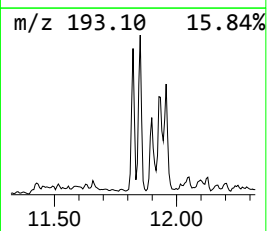
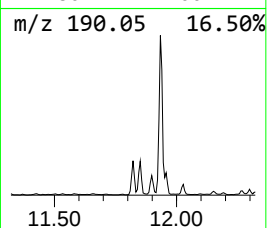
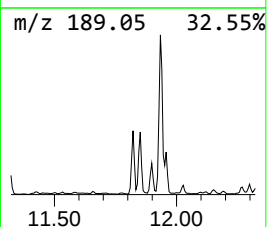
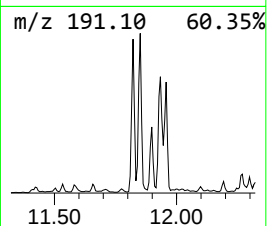
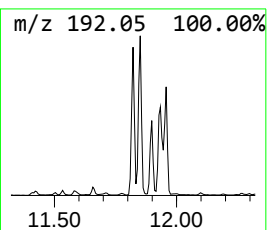
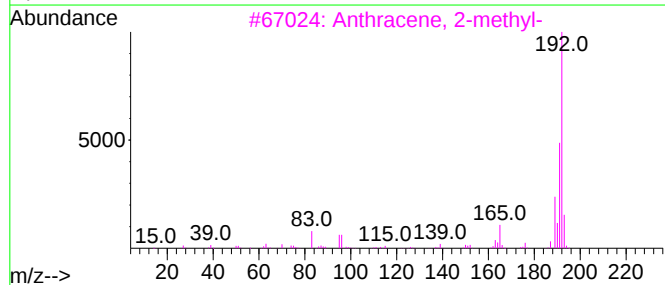
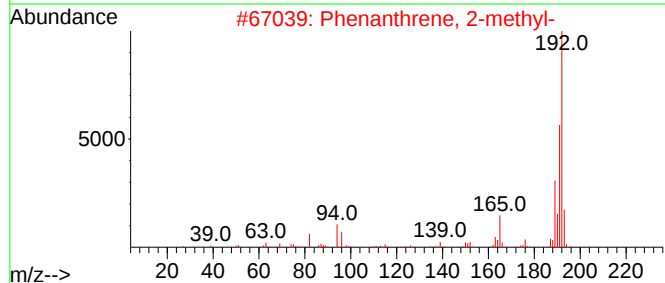
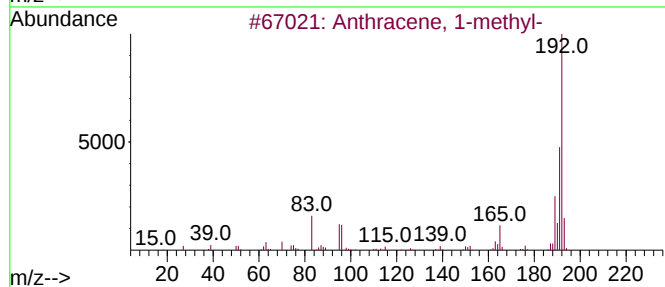
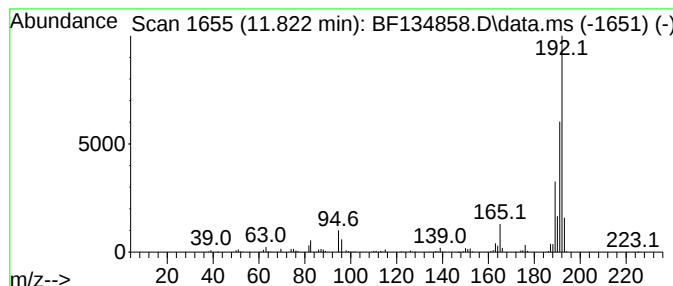
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ClientSampleId :
NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.822	28.67 ng	1163130	Phenanthrene-d10	11.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

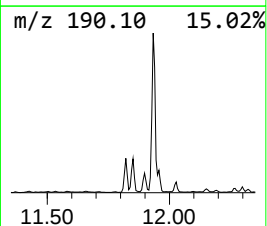
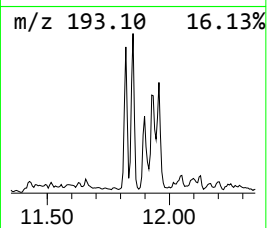
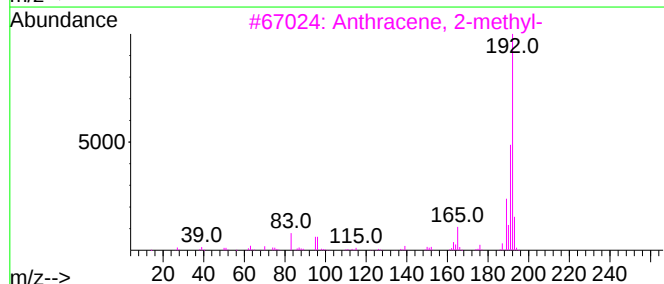
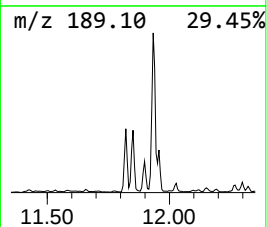
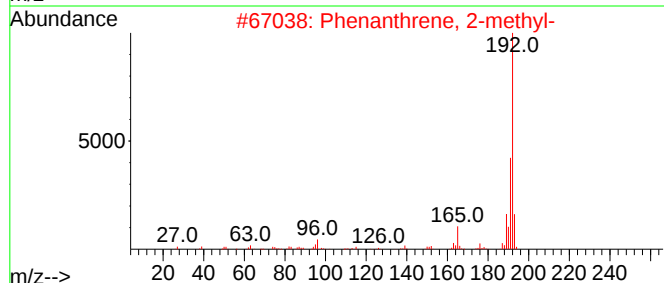
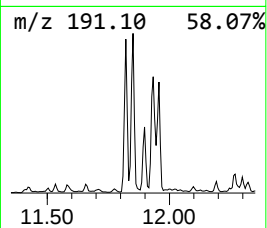
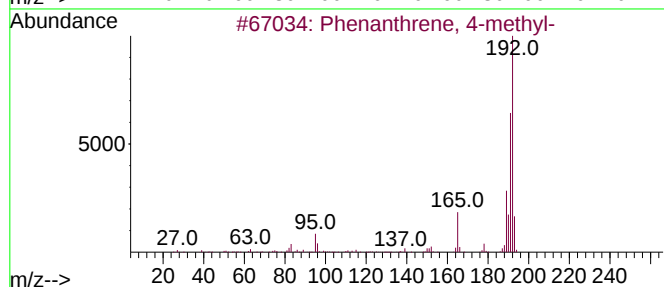
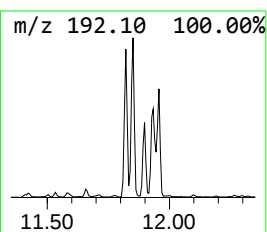
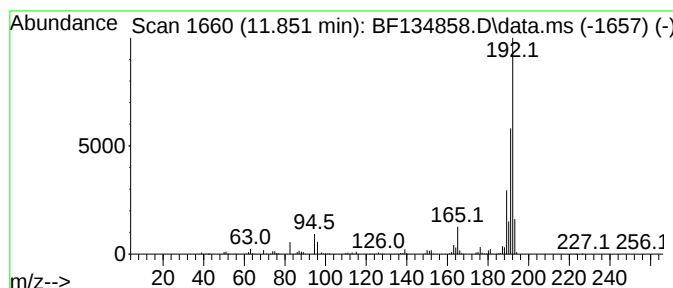
Instrument :
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ClientSampleId :
NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.851	30.16 ng	1223850	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
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Sample : 04075-02 10X
Misc :
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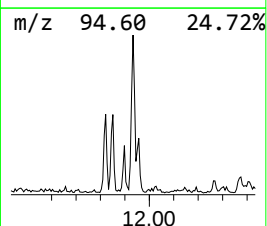
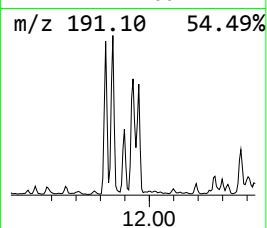
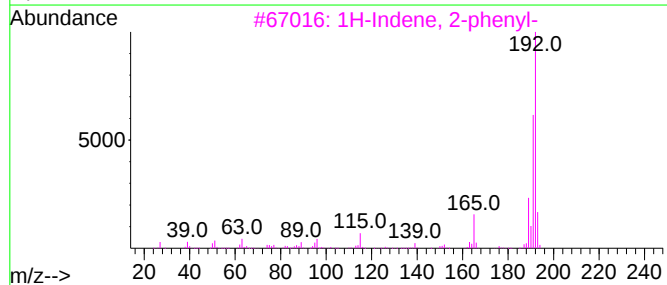
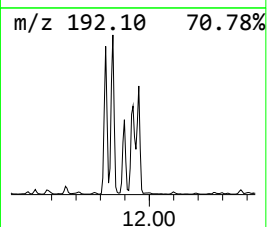
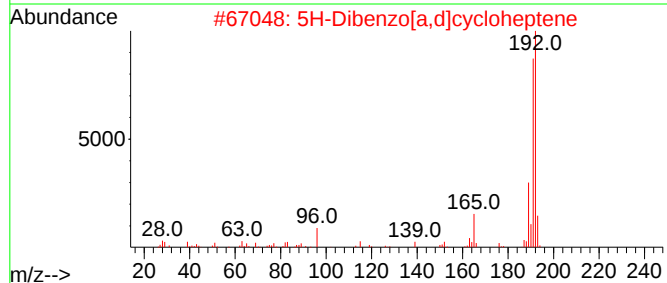
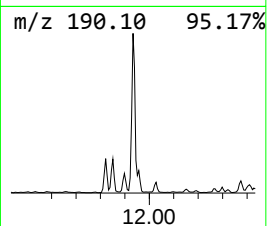
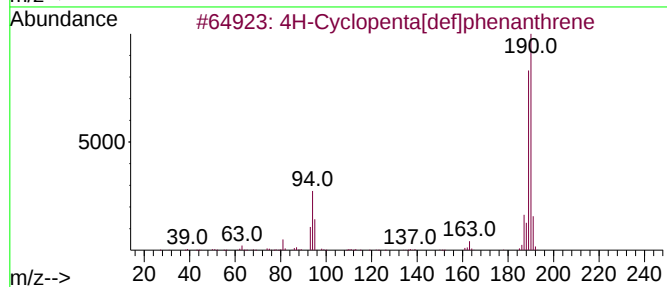
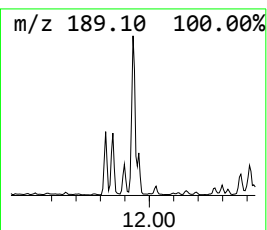
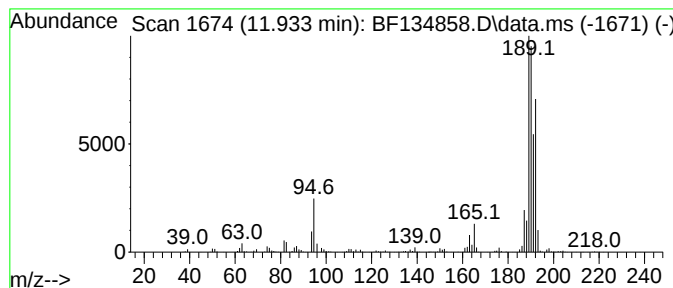
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.933	43.63 ng	1770270	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	5H-Dibenzo[a,d]cycloheptene		192	C15H12	000256-81-5	30
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	30
4	3-Bromo-2-furoic acid		190	C5H3BrO3	014903-90-3	27
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

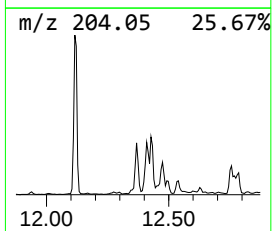
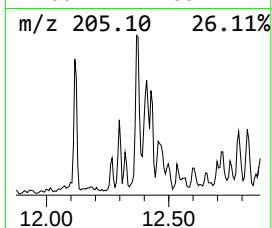
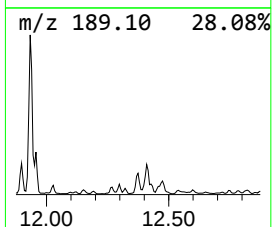
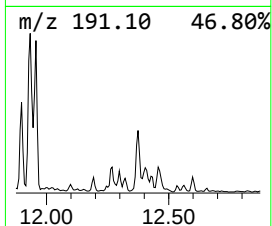
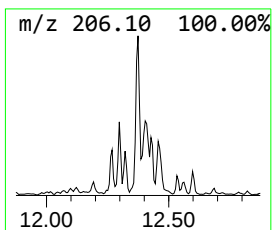
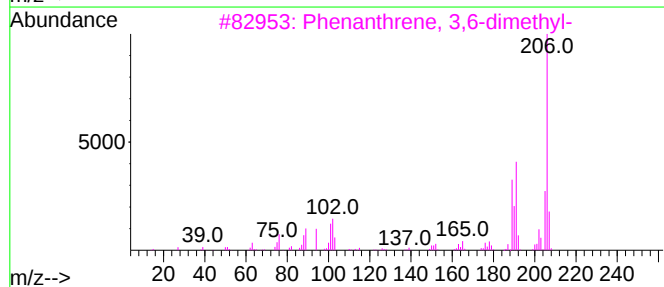
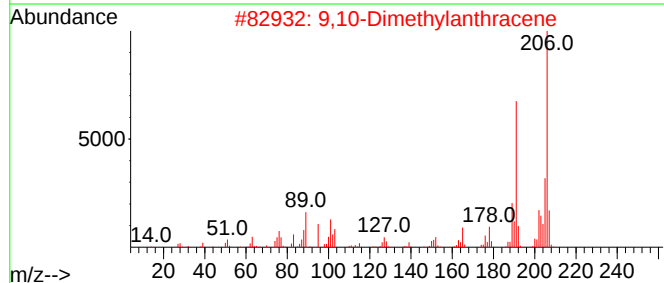
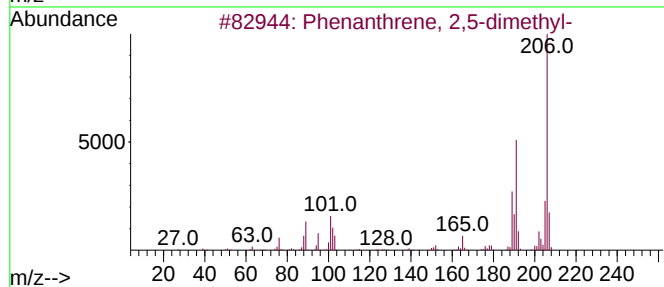
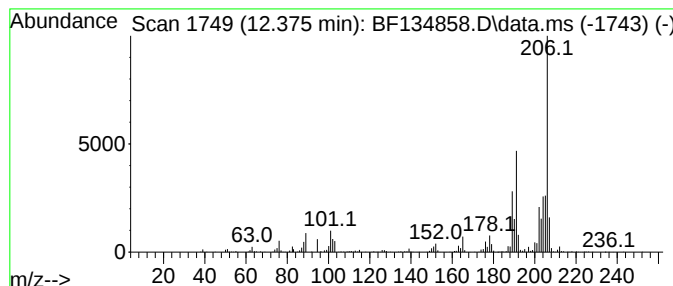
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	20.47 ng	830384	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134858.D
Acq On : 19 Aug 2023 00:48
Operator : CG\JU
Sample : 04075-02 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z23-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
o-Xylene	5.640	18.3	ng	777852	1	6.793	849937	20.0
Benzene, 1,2,3-...	6.616	30.1	ng	1278370	1	6.793	849937	20.0
Indane	6.981	130.4	ng	5542760	1	6.793	849937	20.0
Naphthalene, 2-...	9.345	99.7	ng	3037430	3	9.828	609207	20.0
Naphthalene, 1,...	9.416	93.9	ng	2860670	3	9.828	609207	20.0
Naphthalene, 2,...	9.492	102.2	ng	3113040	3	9.828	609207	20.0
Naphthalene, 2,...	9.516	55.9	ng	1702610	3	9.828	609207	20.0
Naphthalene, 1,...	9.604	55.6	ng	1694450	3	9.828	609207	20.0
Naphthalene, 2,...	9.934	22.8	ng	695352	3	9.828	609207	20.0
1,1'-Biphenyl, ...	10.139	27.9	ng	849600	3	9.828	609207	20.0
Naphthalene, 1,...	10.233	19.2	ng	583535	3	9.828	609207	20.0
1H-Phenylene	10.281	17.5	ng	533371	3	9.828	609207	20.0
Dibenzothiophene	11.210	22.2	ng	902136	4	11.316	811494	20.0
Anthracene, 1-m...	11.822	28.7	ng	1163130	4	11.316	811494	20.0
Phenanthrene, 4...	11.851	30.2	ng	1223850	4	11.316	811494	20.0
4H-Cyclopenta[d...	11.933	43.6	ng	1770270	4	11.316	811494	20.0
Phenanthrene, 2...	12.374	20.5	ng	830384	4	11.316	811494	20.0