

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134837.D
 Acq On : 18 Aug 2023 12:38
 Operator : CG\JU
 Sample : 04047-02 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z60-61

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: BF134837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.275	538	542	546	rBV	344095	305783	2.95%	0.446%
2	5.410	562	565	571	rVB2	291379	276360	2.67%	0.403%
3	5.640	600	604	612	rVB	134514	118252	1.14%	0.172%
4	6.351	722	725	729	rVB	213387	172529	1.67%	0.252%
5	6.416	734	736	742	rVB	295030	242318	2.34%	0.353%
6	6.616	767	770	777	rVB2	350983	357799	3.45%	0.522%
7	6.792	796	800	803	rBV	1180646	973472	9.40%	1.419%
8	6.845	807	809	811	rVV	139110	112940	1.09%	0.165%
9	6.969	826	830	834	rVB	1913837	1636210	15.80%	2.385%
10	7.039	839	842	845	rBV2	170493	139679	1.35%	0.204%
11	7.110	849	854	856	rBV	322134	256890	2.48%	0.375%
12	7.322	885	890	892	rBV	308478	255975	2.47%	0.373%
13	7.351	892	895	899	rVB2	228191	250725	2.42%	0.366%
14	7.586	932	935	938	rVB	173774	159034	1.54%	0.232%
15	7.739	959	961	967	rVB	397290	359835	3.47%	0.525%
16	7.816	967	974	977	rBV3	456264	699694	6.75%	1.020%
17	7.851	977	980	985	rVB	628661	779215	7.52%	1.136%
18	7.939	992	995	1000	rBV2	132174	130312	1.26%	0.190%
19	8.104	1011	1023	1026	rBV2	6377544	10358622	100.00%	15.101%
20	8.145	1026	1030	1035	rVB	493169	511537	4.94%	0.746%
21	8.428	1074	1078	1080	rBV	177165	217262	2.10%	0.317%
22	8.463	1080	1084	1087	rVV4	104623	151793	1.47%	0.221%
23	8.533	1094	1096	1098	rVV2	188700	176382	1.70%	0.257%
24	8.575	1101	1103	1108	rVV	205699	182825	1.76%	0.267%
25	8.628	1108	1112	1115	rVB4	102848	130615	1.26%	0.190%
26	8.710	1122	1126	1128	rVV2	107145	137239	1.32%	0.200%
27	8.733	1128	1130	1133	rVV2	193191	194154	1.87%	0.283%
28	8.786	1133	1139	1143	rVB	4424115	4670767	45.09%	6.809%
29	8.833	1143	1147	1150	rBV2	128097	117971	1.14%	0.172%
30	8.886	1150	1156	1159	rBV	3858924	3566476	34.43%	5.199%
31	9.145	1195	1200	1203	rBV	445115	367026	3.54%	0.535%
32	9.245	1214	1217	1220	rBV	1056335	776684	7.50%	1.132%
33	9.345	1230	1234	1239	rVB	1468986	1494521	14.43%	2.179%
34	9.416	1239	1246	1249	rBV	1188770	1573848	15.19%	2.294%
35	9.445	1249	1251	1253	rVV	225300	170573	1.65%	0.249%
36	9.486	1253	1258	1260	rVV	1715697	1705958	16.47%	2.487%

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

37	9.510	1260	1262	1266	rVV	1187379	985520	9.51%	1.437%
38	9.551	1266	1269	1271	rVV3	201511	194897	1.88%	0.284%
39	9.604	1275	1278	1285	rVV	762841	902582	8.71%	1.316%
40	9.686	1289	1292	1297	rVB	794228	677796	6.54%	0.988%

41	9.810	1309	1313	1314	rBV	509933	507933	4.90%	0.740%
42	9.827	1314	1316	1318	rVV	1786401	1339346	12.93%	1.953%
43	9.863	1318	1322	1325	rVB	3454440	3003480	28.99%	4.379%
44	9.933	1330	1334	1338	rVB	361619	435420	4.20%	0.635%
45	10.027	1344	1350	1353	rVB2	491809	491703	4.75%	0.717%

46	10.069	1354	1357	1360	rBV	346030	263638	2.55%	0.384%
47	10.139	1365	1369	1372	rBV2	299268	395489	3.82%	0.577%
48	10.169	1372	1374	1376	rVB	185395	138755	1.34%	0.202%
49	10.233	1380	1385	1387	rBV2	239047	312378	3.02%	0.455%
50	10.280	1390	1393	1396	rBV	263558	202910	1.96%	0.296%

51	10.327	1396	1401	1402	rBV4	119124	181326	1.75%	0.264%
52	10.345	1402	1404	1406	rVB	297420	209324	2.02%	0.305%
53	10.375	1406	1409	1415	rVB	1621493	1449603	13.99%	2.113%
54	10.422	1415	1417	1422	rBV2	263451	392360	3.79%	0.572%
55	10.480	1425	1427	1431	rVB2	368232	335178	3.24%	0.489%

56	10.533	1433	1436	1438	rBV2	126051	135969	1.31%	0.198%
57	10.557	1438	1440	1444	rVB	209271	183426	1.77%	0.267%
58	10.598	1444	1447	1448	rBV	543358	457953	4.42%	0.668%
59	10.745	1469	1472	1476	rVB2	151565	192052	1.85%	0.280%
60	10.922	1498	1502	1505	rBV	317989	400255	3.86%	0.584%

61	10.951	1505	1507	1511	rVV	249762	206198	1.99%	0.301%
62	11.004	1513	1516	1520	rBV2	196848	187026	1.81%	0.273%
63	11.122	1534	1536	1541	rVB	170223	135007	1.30%	0.197%
64	11.210	1547	1551	1559	rVB	618502	606249	5.85%	0.884%
65	11.316	1565	1569	1571	rBV	1386129	1317662	12.72%	1.921%

66	11.345	1571	1574	1577	rVV	3657288	3197742	30.87%	4.662%
67	11.392	1579	1582	1585	rVV	1266014	961482	9.28%	1.402%
68	11.645	1622	1625	1631	rVB2	202707	199993	1.93%	0.292%
69	11.727	1636	1639	1643	rVB	139252	168667	1.63%	0.246%
70	11.821	1651	1655	1657	rVV	650284	610572	5.89%	0.890%

71	11.845	1657	1659	1663	rVB	795122	651042	6.29%	0.949%
72	11.892	1664	1667	1670	rVV	292268	263360	2.54%	0.384%
73	11.933	1670	1674	1676	rVV	896185	1029338	9.94%	1.501%
74	11.951	1676	1677	1683	rVB	473547	326684	3.15%	0.476%
75	12.116	1702	1705	1708	rBV	365659	287234	2.77%	0.419%

76	12.369	1742	1748	1751	rBV	347268	380655	3.67%	0.555%
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77	12.410	1751	1755	1756	rVV	182326	216850	2.09%	0.316%
78	12.427	1756	1758	1760	rVB	162519	114774	1.11%	0.167%
79	12.468	1760	1765	1767	rBV2	90344	148841	1.44%	0.217%
80	12.533	1772	1776	1779	rBV	1332232	1166394	11.26%	1.700%
81	12.627	1789	1792	1795	rVB	441342	355884	3.44%	0.519%
82	12.763	1809	1815	1818	rVV	1874662	1720254	16.61%	2.508%
83	12.904	1836	1839	1846	rVB	299733	312963	3.02%	0.456%
84	12.980	1848	1852	1859	rVV	150452	212993	2.06%	0.311%
85	13.068	1863	1867	1868	rVV3	164228	194651	1.88%	0.284%
86	13.092	1868	1871	1874	rVB	332088	342713	3.31%	0.500%
87	13.157	1879	1882	1885	rVB	323819	253317	2.45%	0.369%
88	13.192	1885	1888	1891	rBV	224168	186342	1.80%	0.272%
89	13.263	1896	1900	1902	rVV	261560	269169	2.60%	0.392%
90	13.286	1902	1904	1907	rVV	210326	203601	1.97%	0.297%
91	13.315	1907	1909	1919	rVB	237755	276527	2.67%	0.403%
92	13.963	2014	2019	2022	rBV2	1365442	1849795	17.86%	2.697%
93	13.986	2022	2023	2029	rVB	576786	479106	4.63%	0.698%
94	14.351	2082	2085	2089	rVB	179554	168260	1.62%	0.245%
95	14.498	2108	2110	2115	rVB2	125087	150037	1.45%	0.219%
96	15.004	2191	2196	2203	rBV	229797	475639	4.59%	0.693%
97	15.304	2243	2247	2253	rBV	169185	199091	1.92%	0.290%
98	15.368	2253	2258	2263	rVB	315728	371019	3.58%	0.541%
99	15.433	2264	2269	2272	rBV	605670	739631	7.14%	1.078%
100	16.909	2515	2520	2531	rVB3	63346	136927	1.32%	0.200%

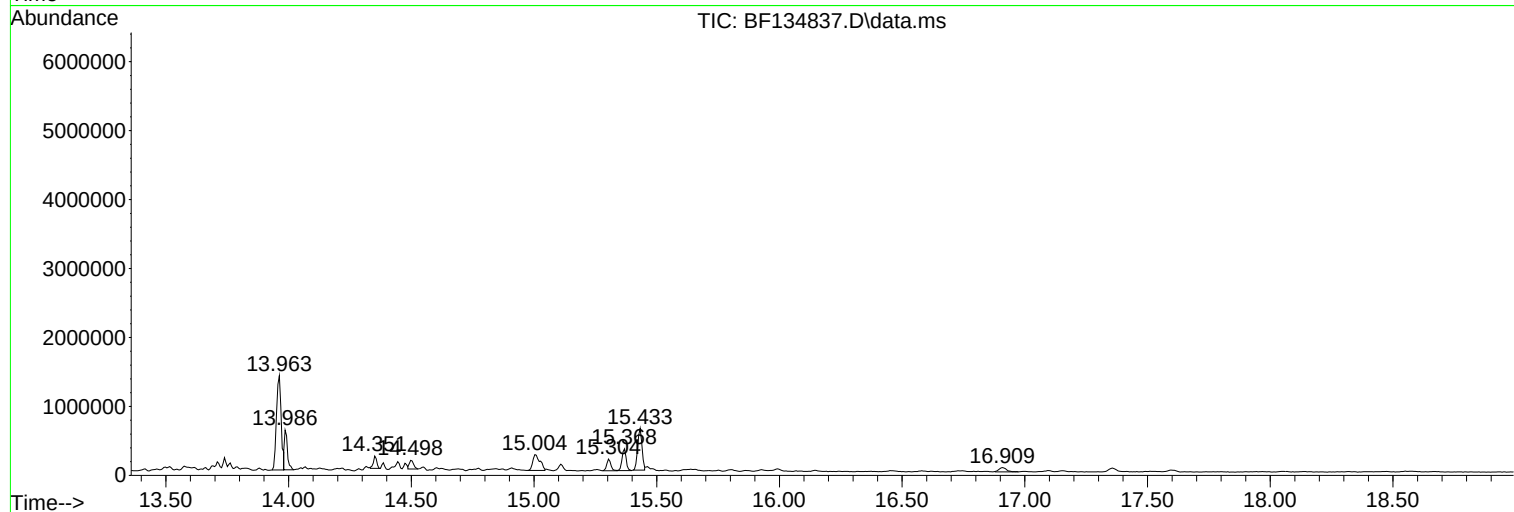
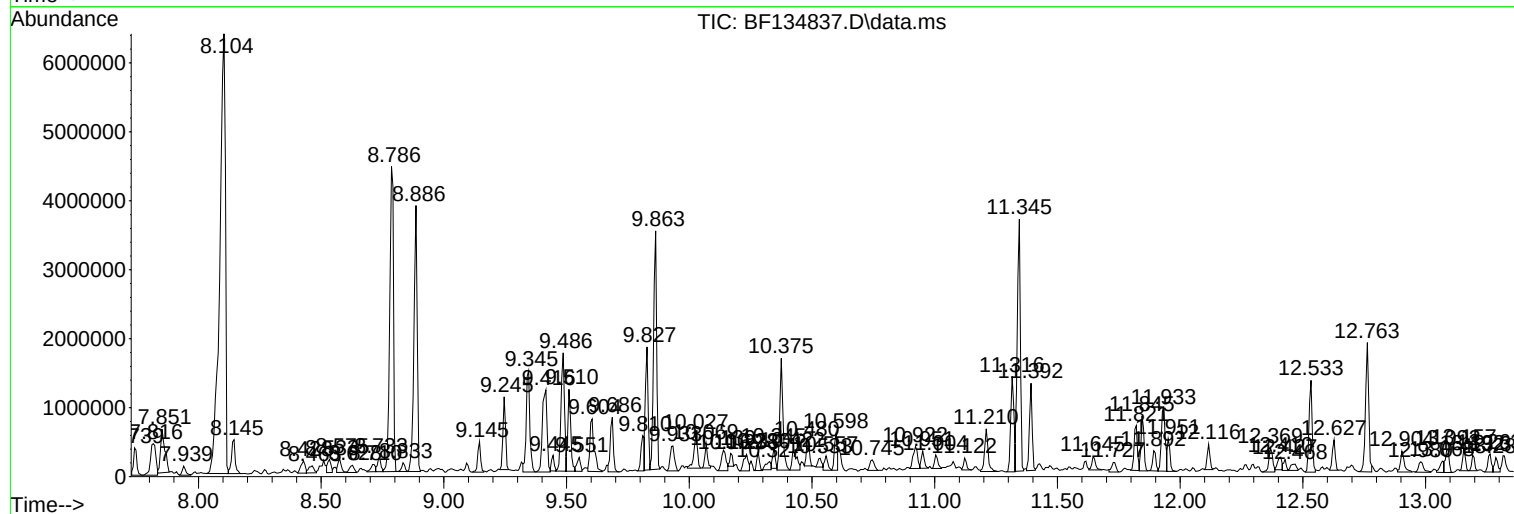
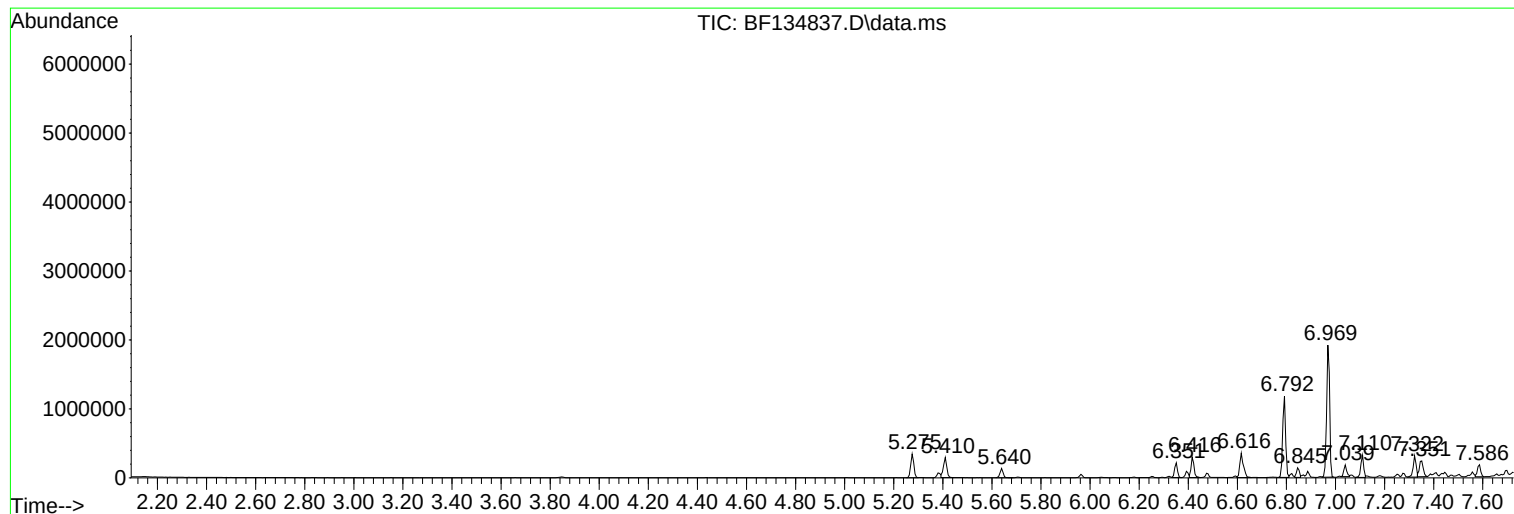
Sum of corrected areas: 68594257

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NEVINS-SB05-Z60-61

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



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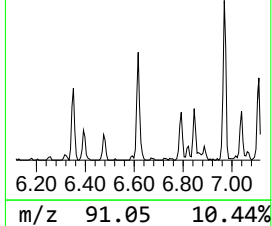
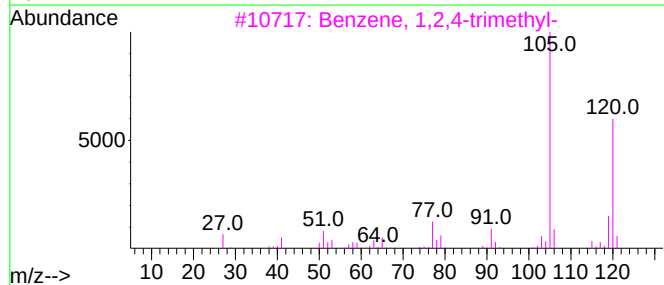
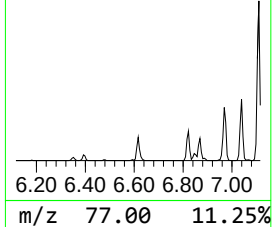
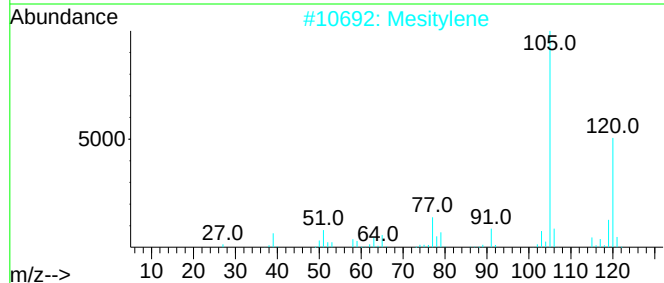
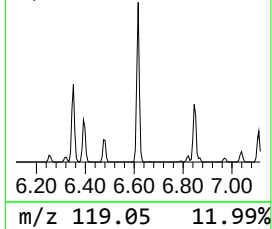
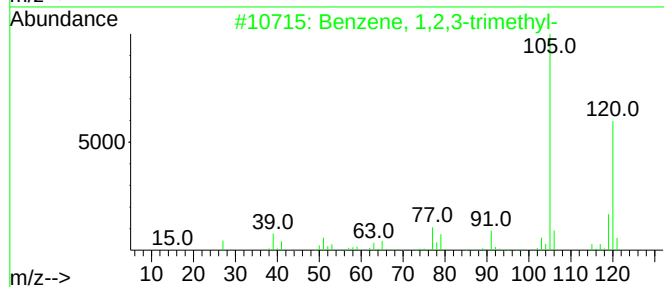
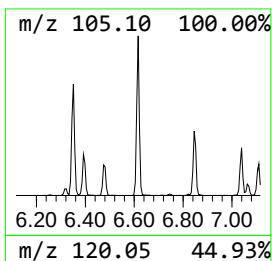
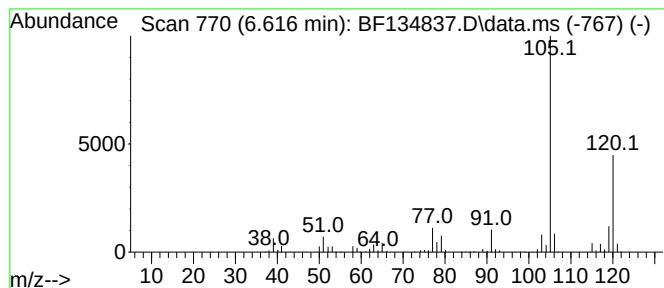
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	7.35 ng	357799	1,4-Dichlorobenzene-d4	6.792

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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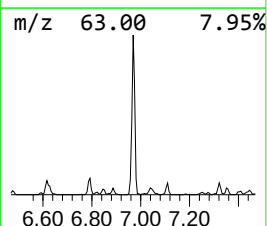
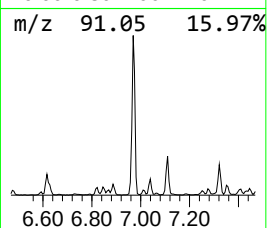
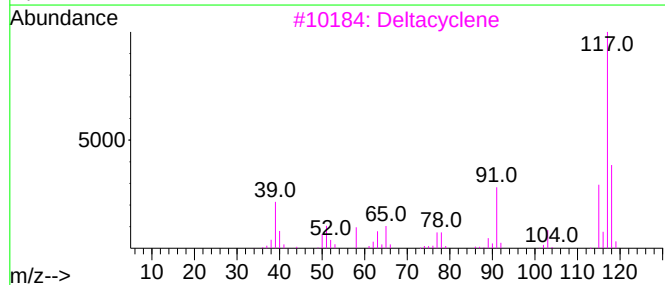
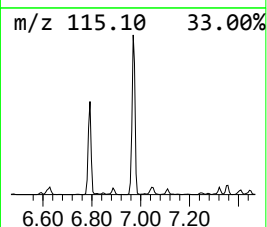
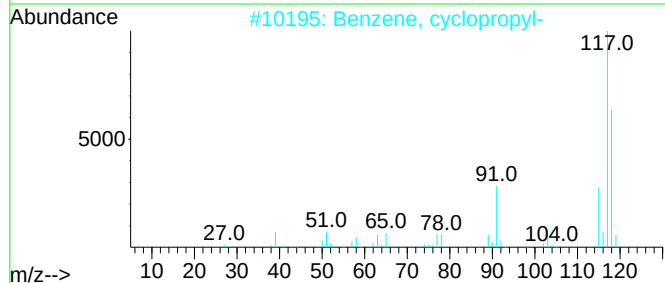
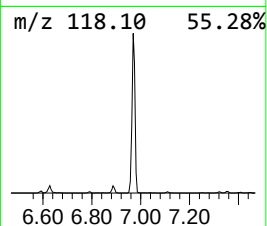
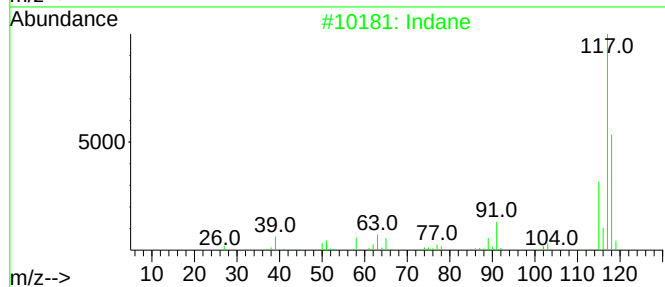
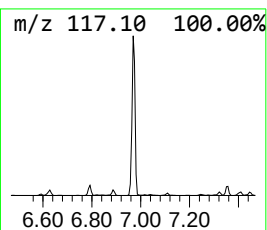
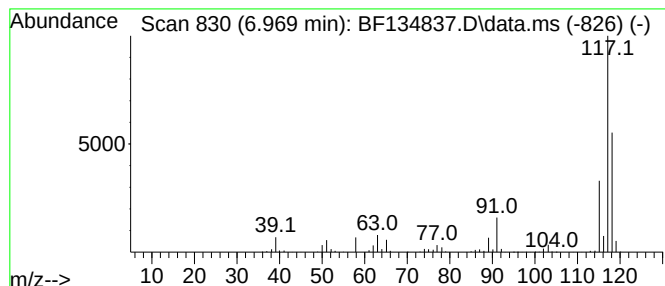
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	33.62 ng	1636210	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3			Deltacyclene	118	C9H10	007785-10-6	80
4			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



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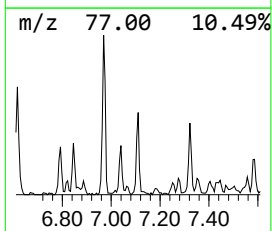
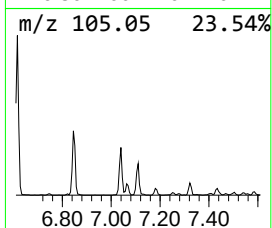
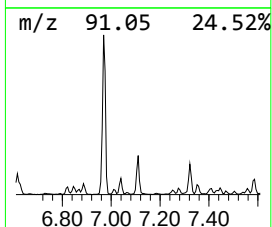
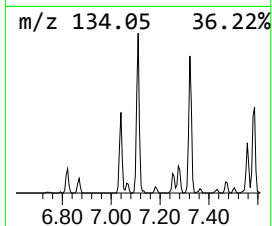
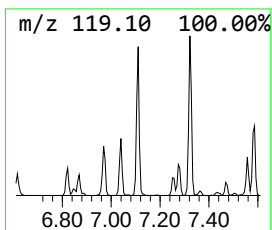
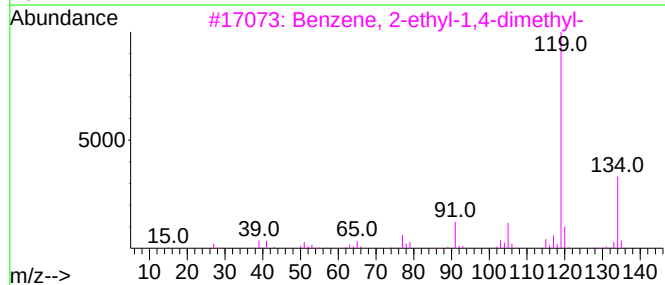
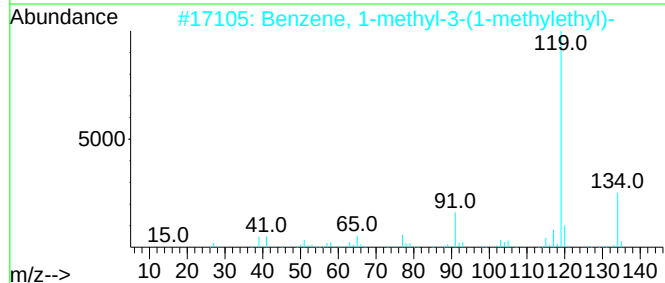
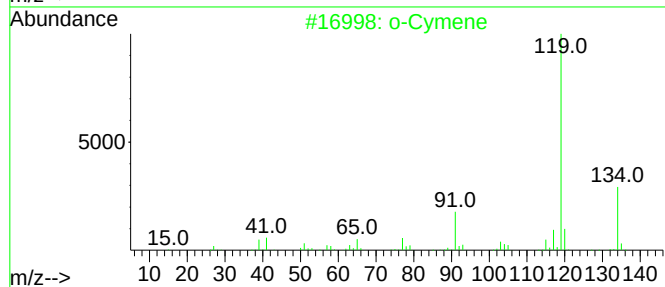
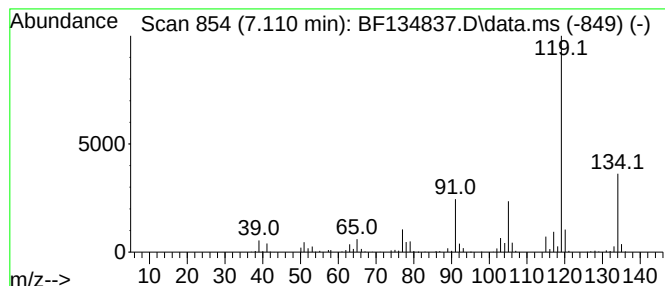
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 o-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	5.28 ng	256890	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z60-61

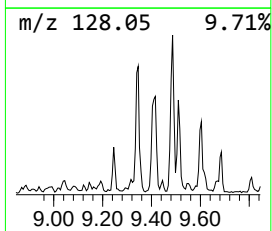
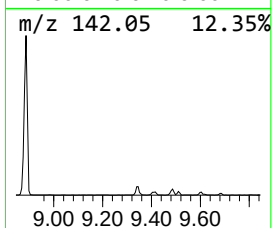
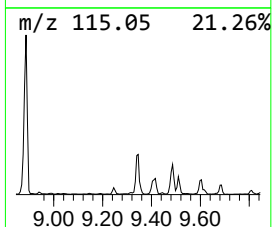
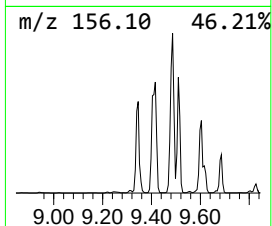
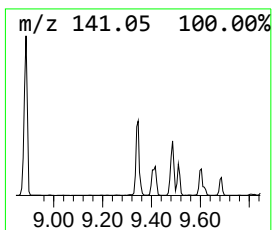
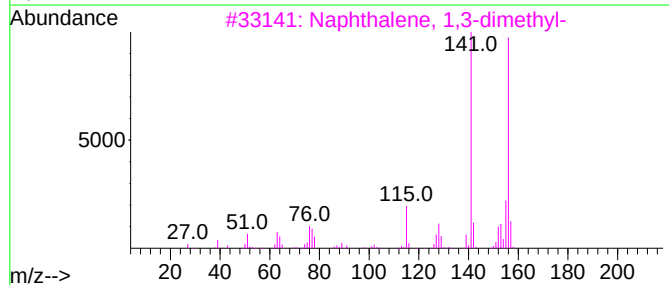
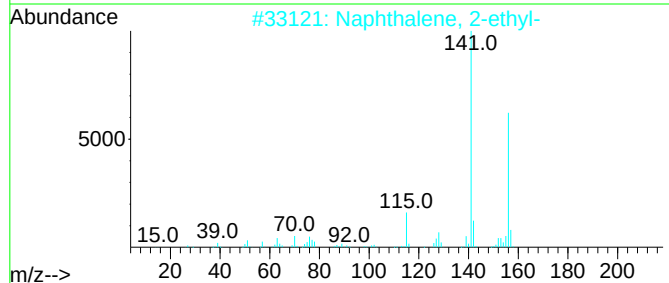
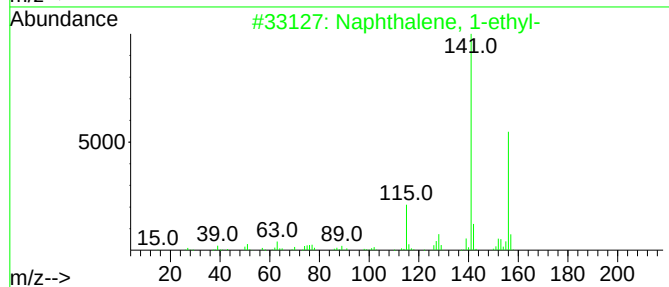
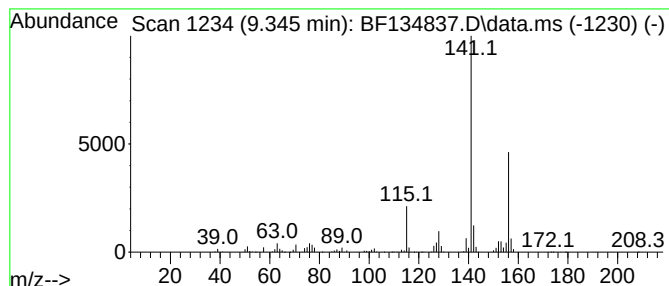
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	22.32 ng	1494520	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5			Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
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Operator : CG\JU
Sample : 04047-02 10X
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ALS Vial : 9 Sample Multiplier: 1

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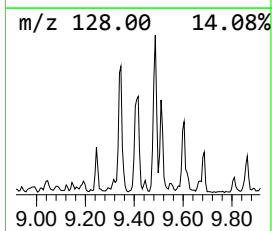
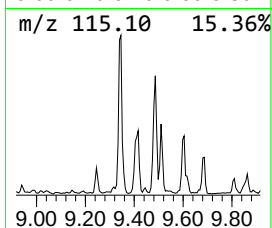
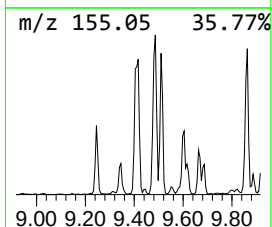
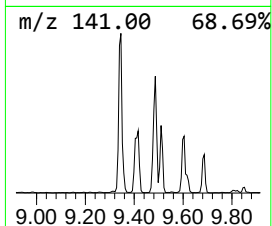
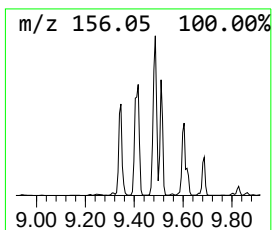
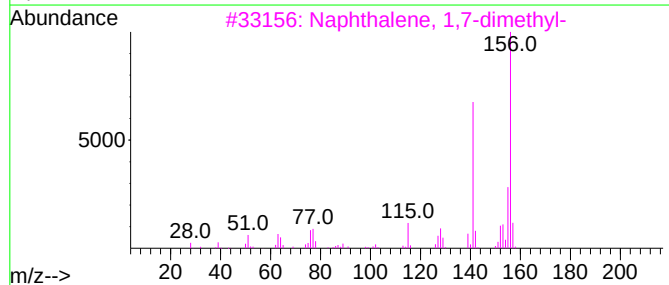
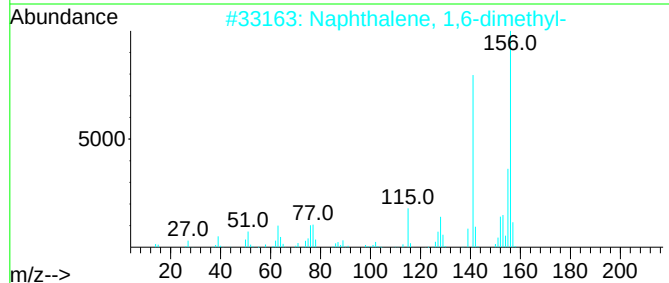
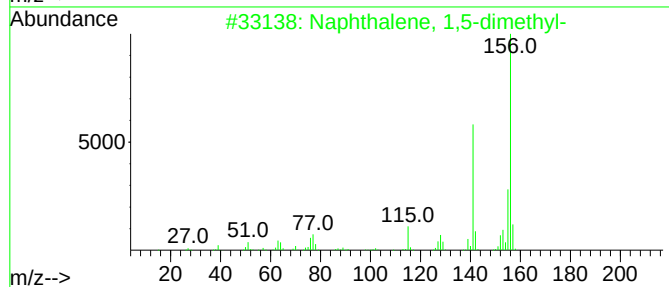
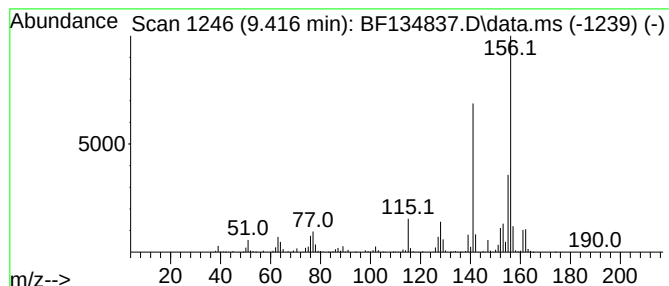
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	23.50 ng	1573850	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
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Instrument :
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ClientSampleId :
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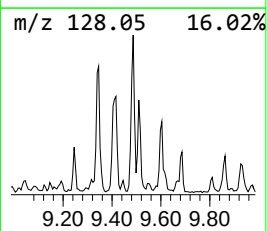
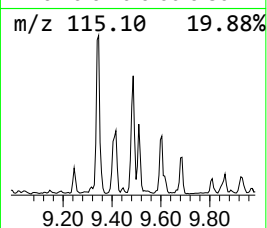
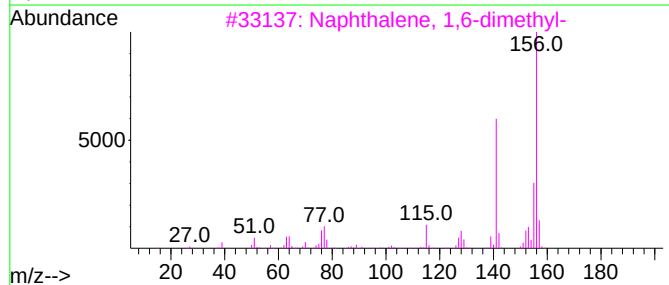
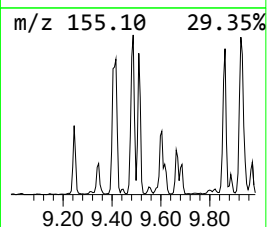
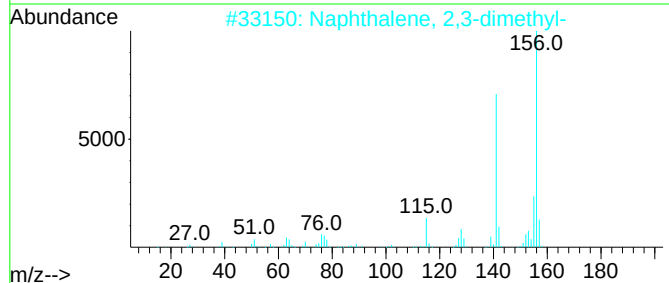
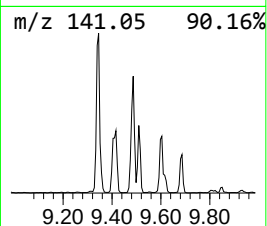
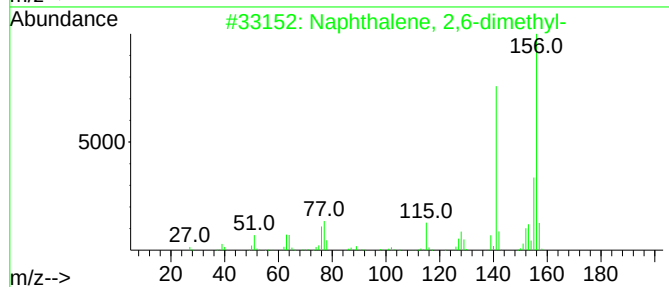
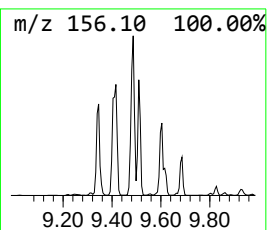
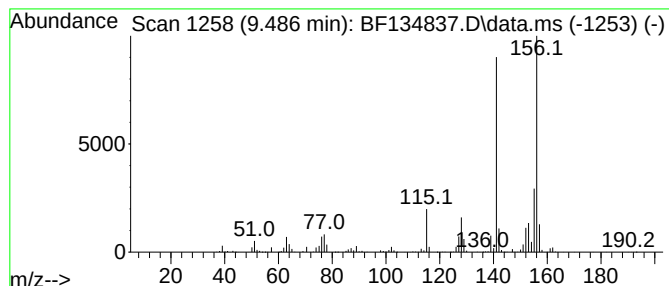
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	25.47 ng	1705960	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
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Instrument :
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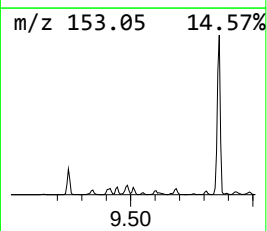
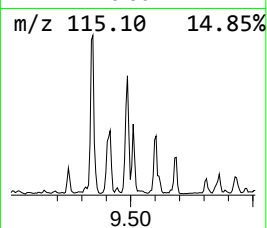
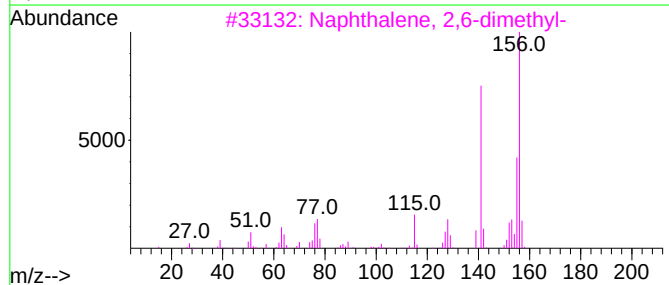
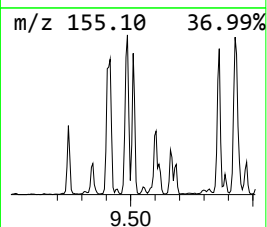
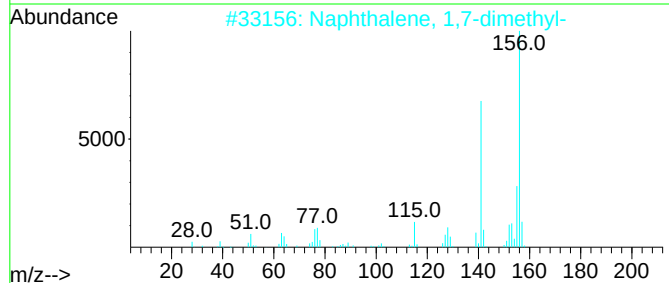
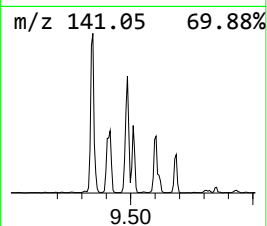
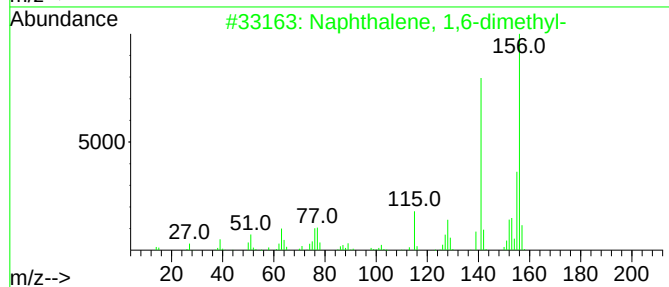
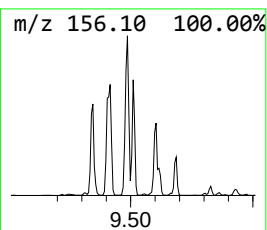
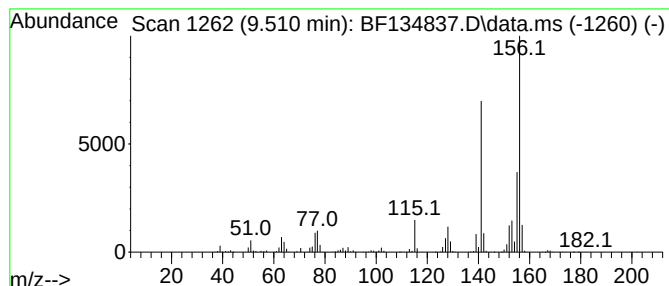
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	14.72 ng	985520	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z60-61

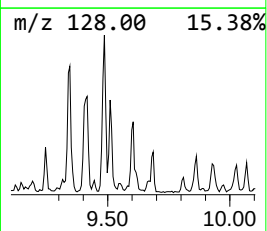
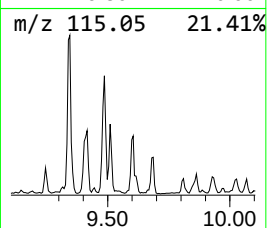
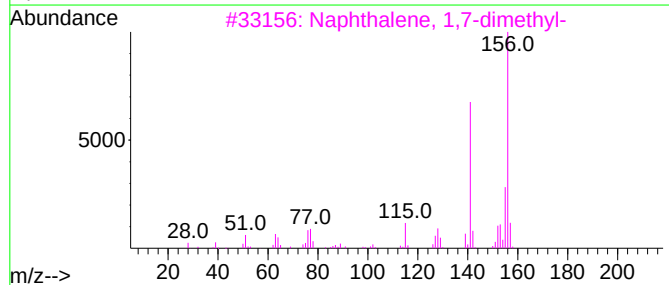
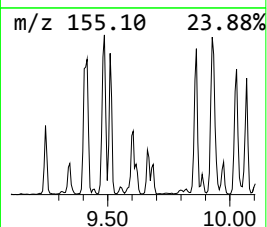
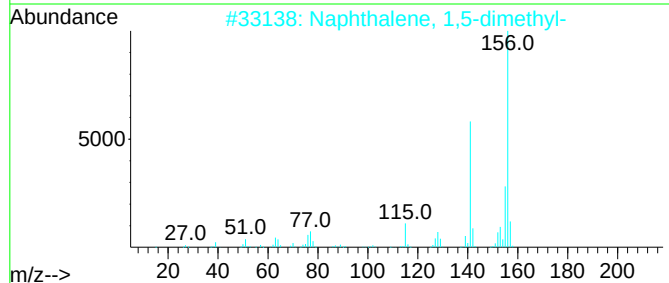
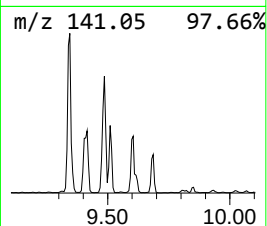
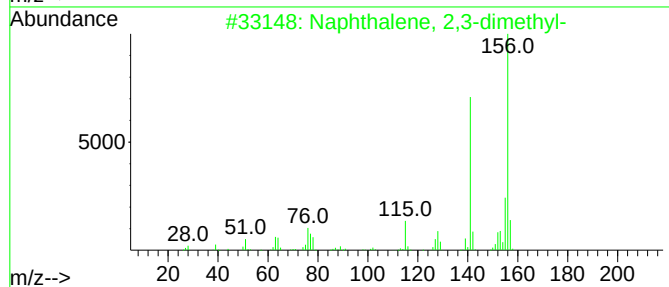
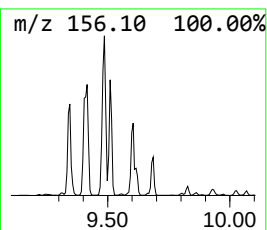
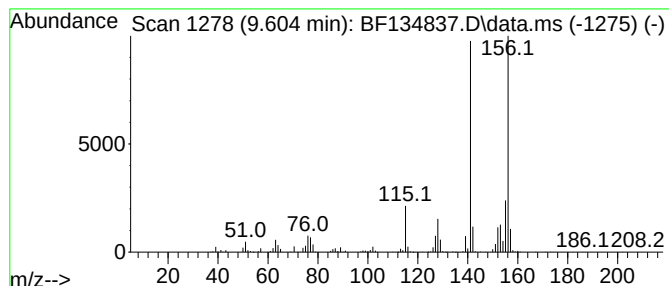
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	13.48 ng	902582	Acenaphthene-d10	9.827

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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
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ClientSampleId :
NEVINS-SB05-Z60-61

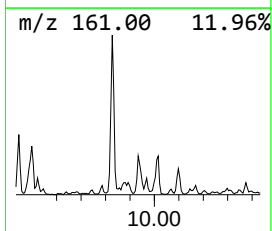
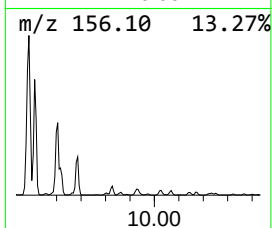
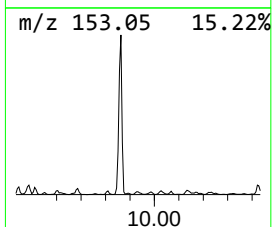
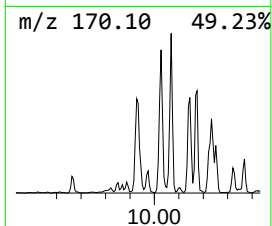
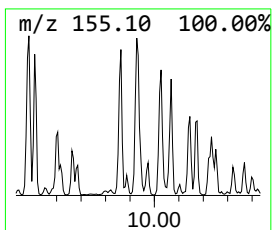
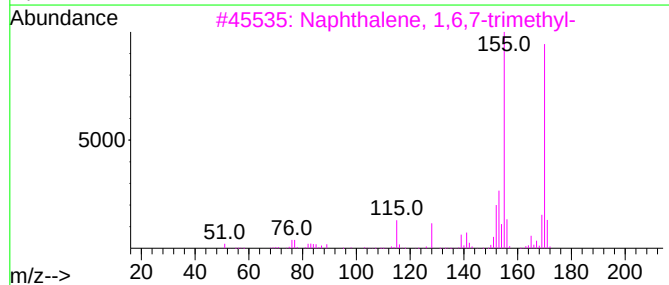
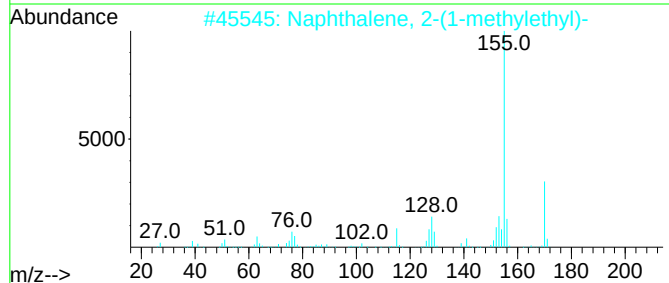
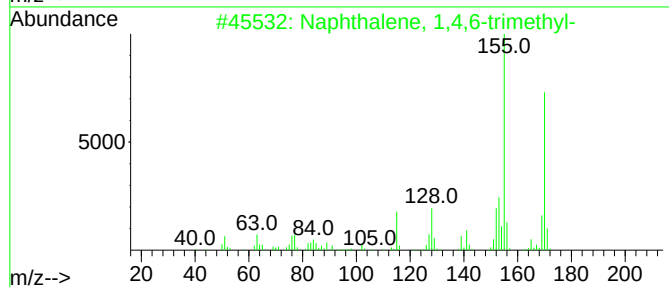
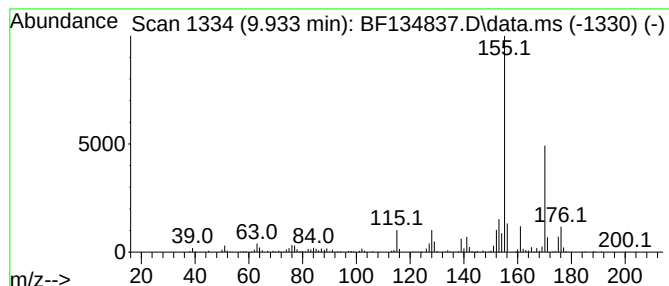
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	6.50 ng	435420	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

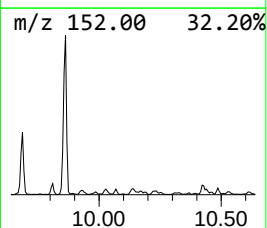
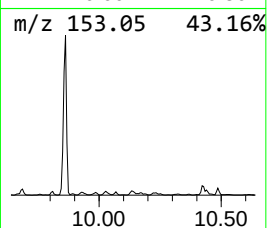
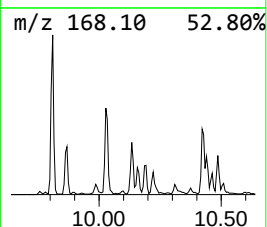
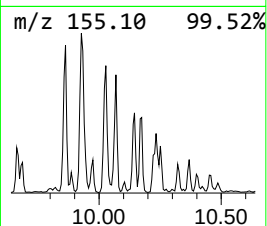
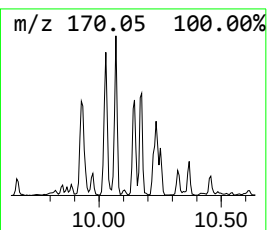
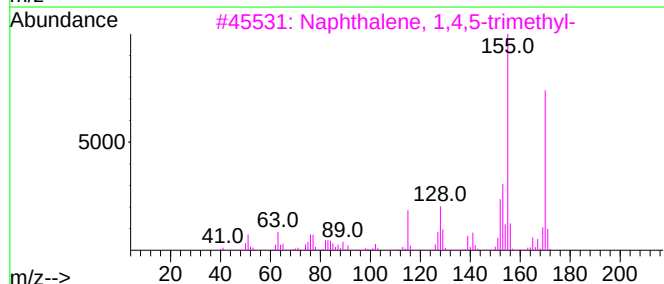
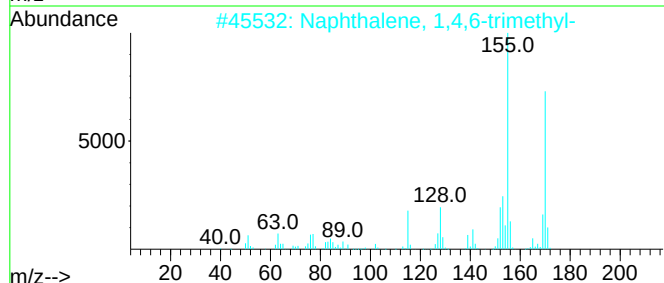
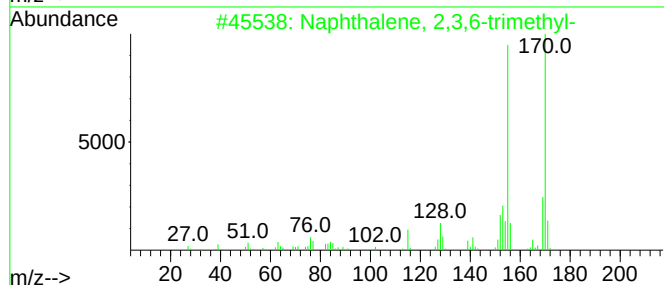
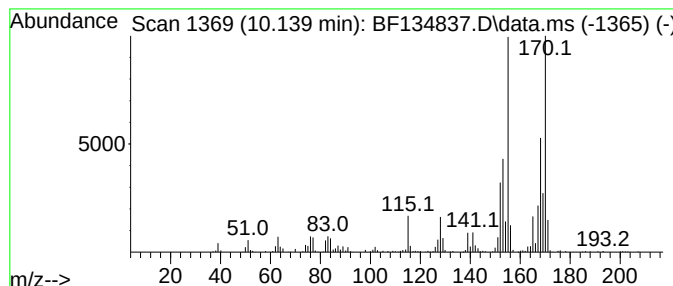
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ClientSampleId :
NEVINS-SB05-Z60-61

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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 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.139	5.91 ng	395489	Acenaphthene-d10	9.827	
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	93
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB05-Z60-61

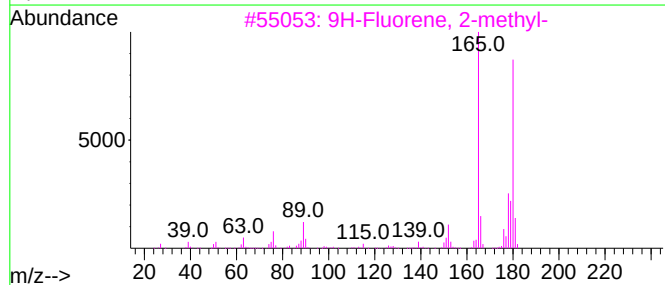
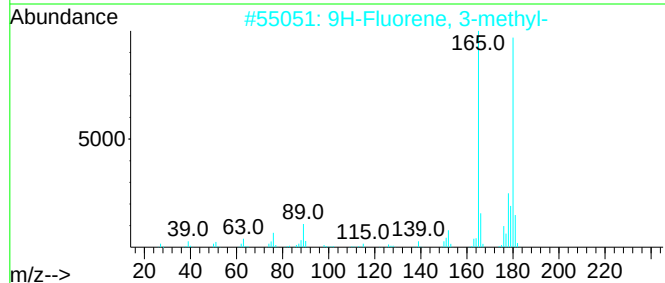
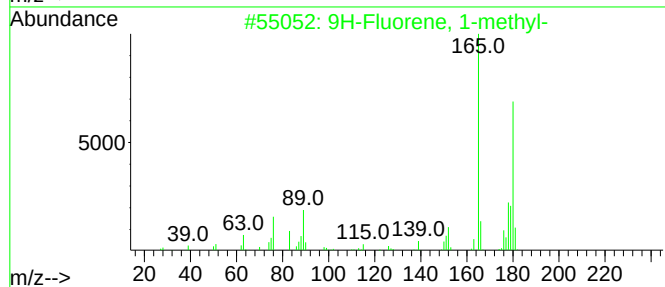
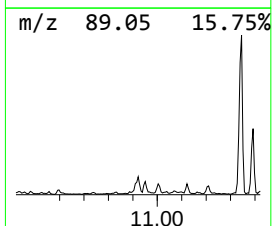
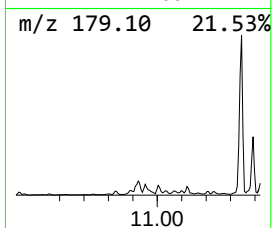
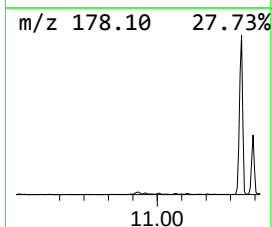
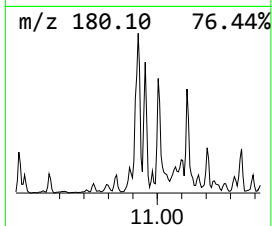
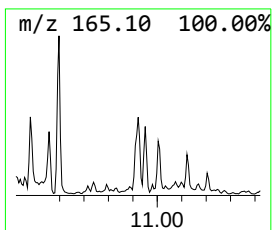
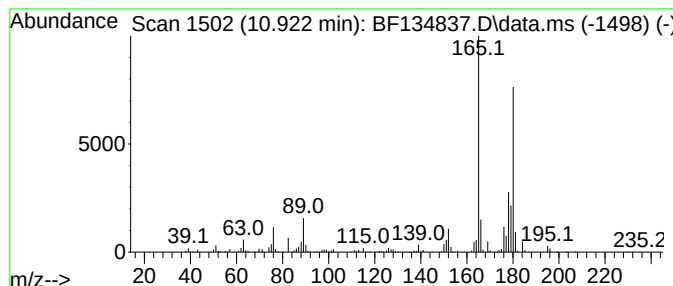
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	6.08 ng	400255	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z60-61

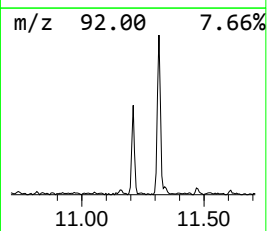
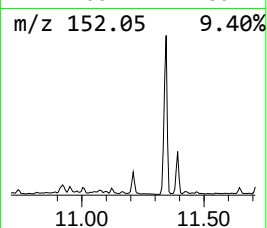
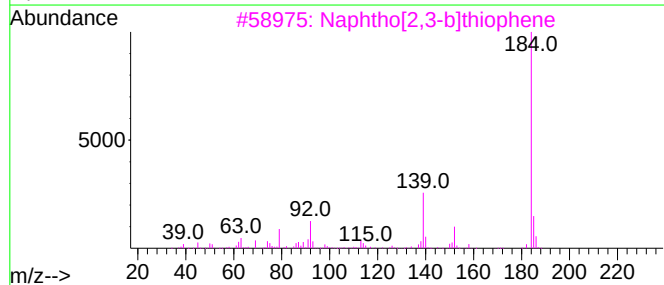
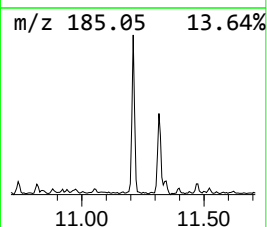
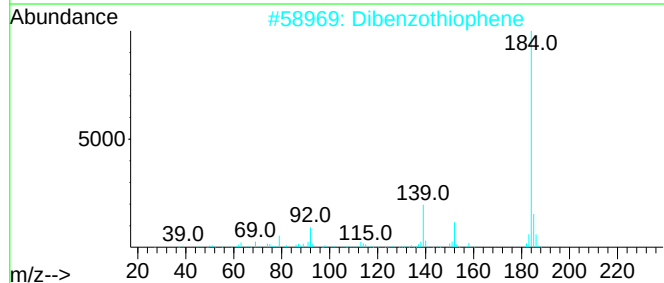
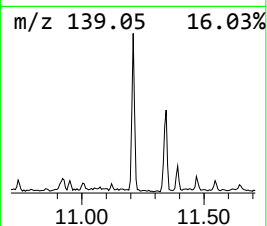
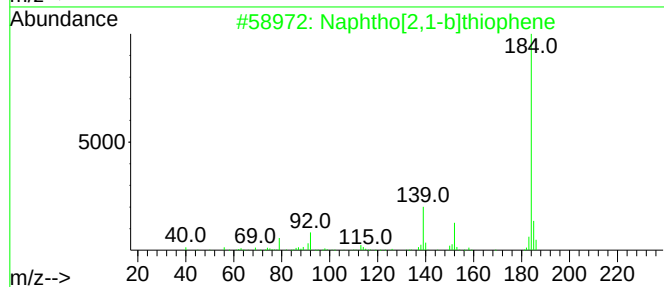
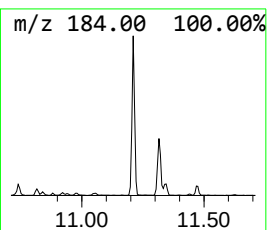
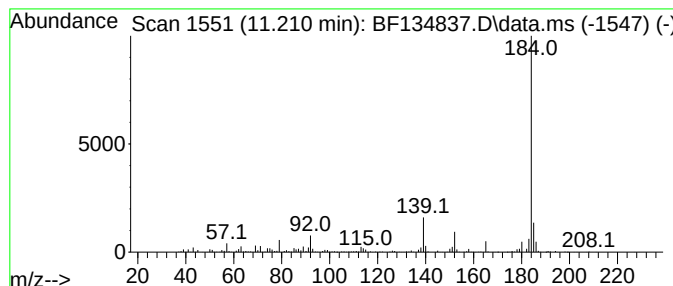
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	9.20 ng	606249	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	97
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

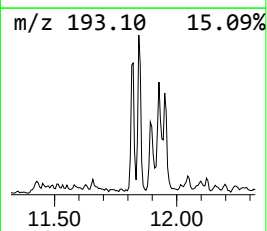
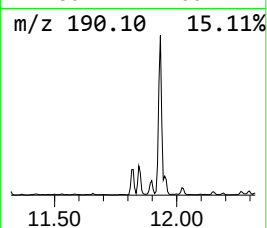
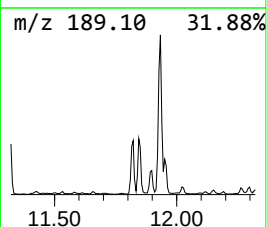
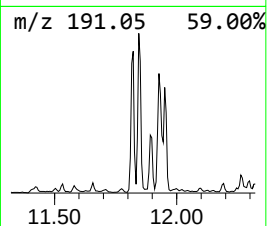
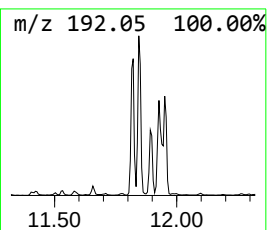
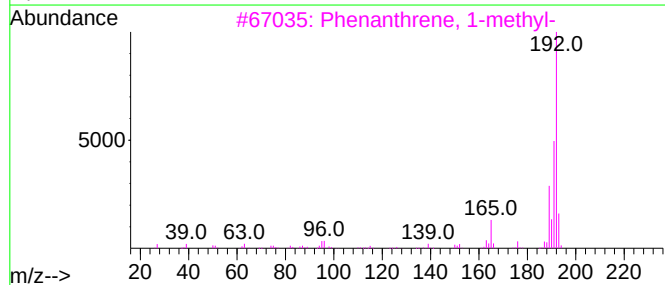
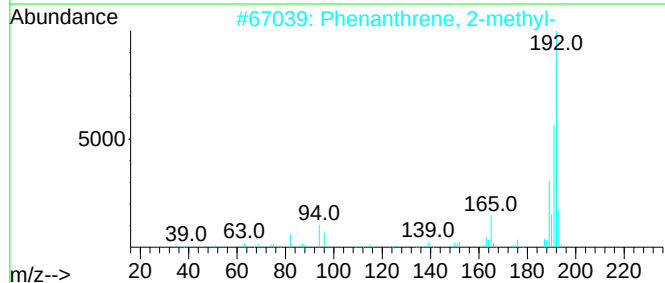
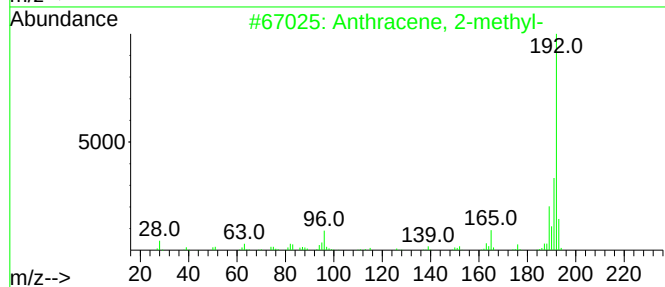
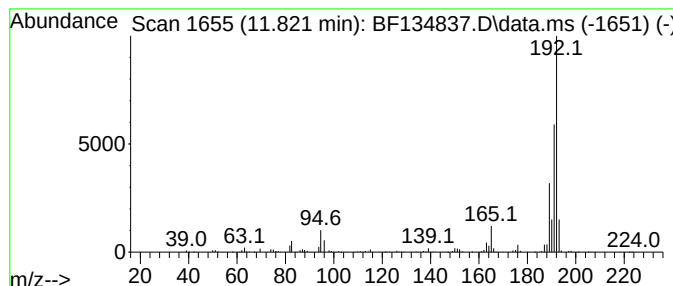
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.822	9.27 ng	610572	Phenanthrene-d10			11.316
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-		192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z60-61

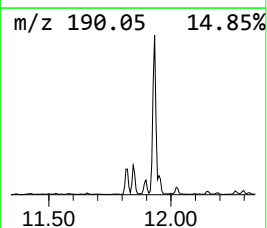
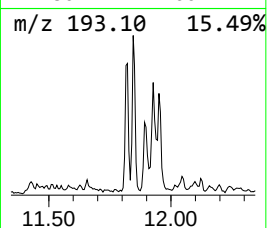
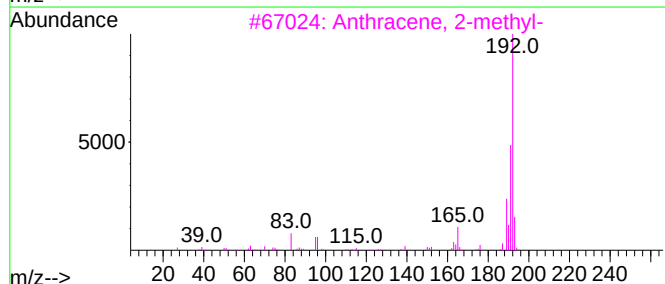
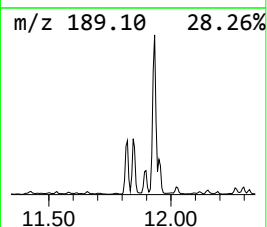
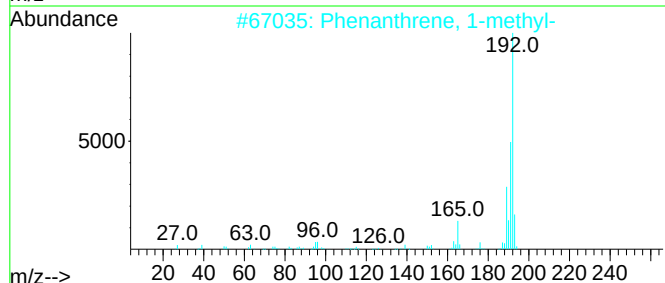
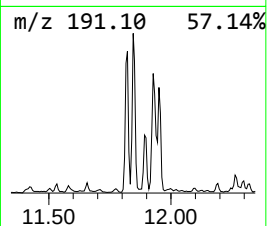
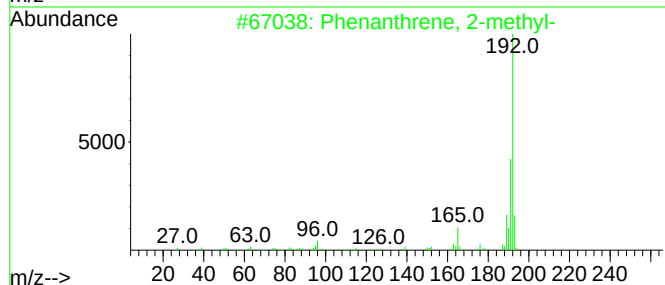
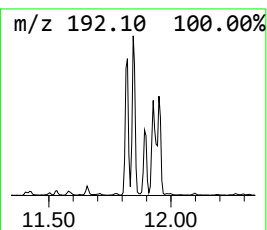
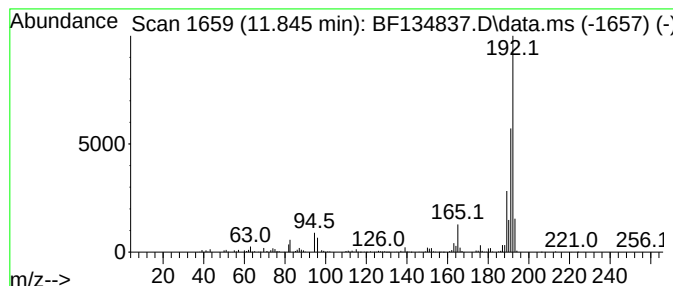
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	9.88 ng	651042	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
Acq On : 18 Aug 2023 12:38
Operator : CG\JU
Sample : 04047-02 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

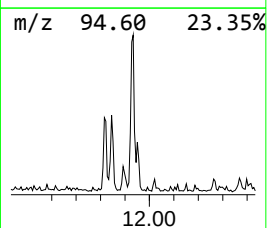
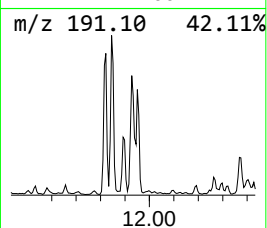
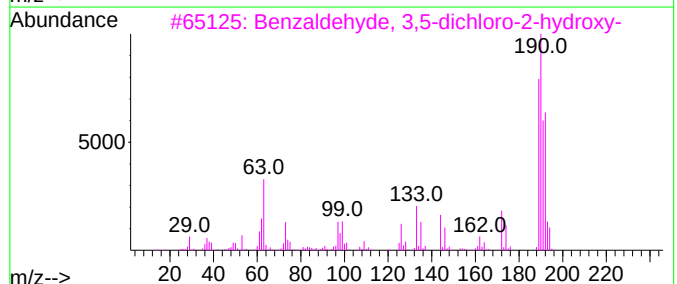
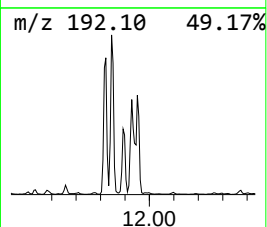
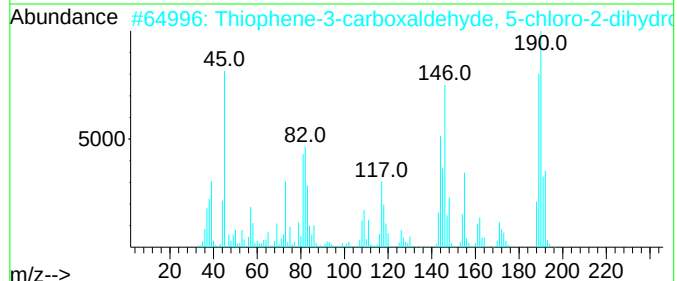
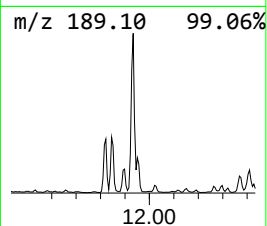
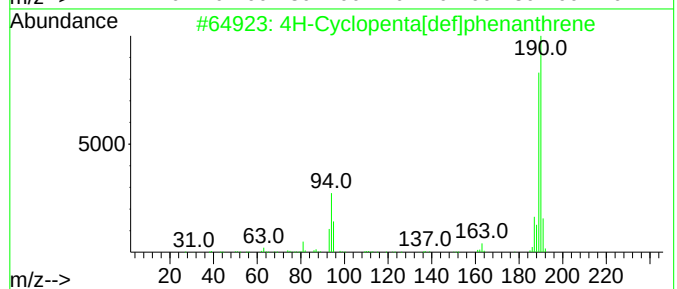
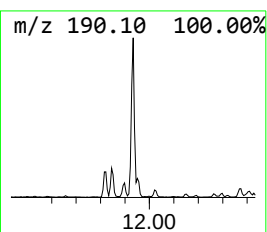
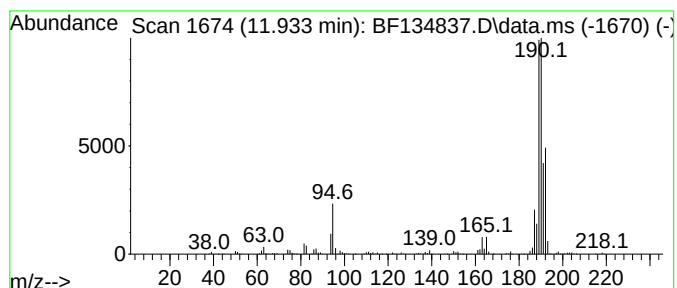
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.933	15.62 ng	1029340	Phenanthrene-d10			11.316
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	50
4	Methyl diselenide		190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
Data File : BF134837.D
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Operator : CG\JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB05-Z60-61

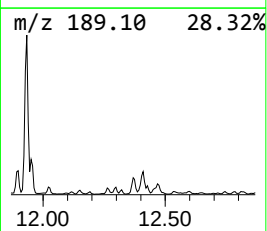
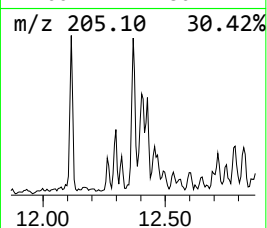
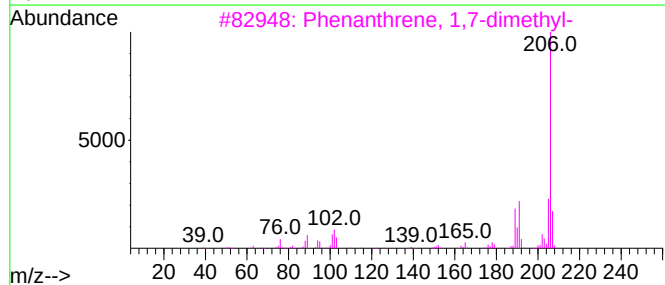
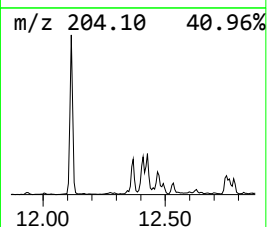
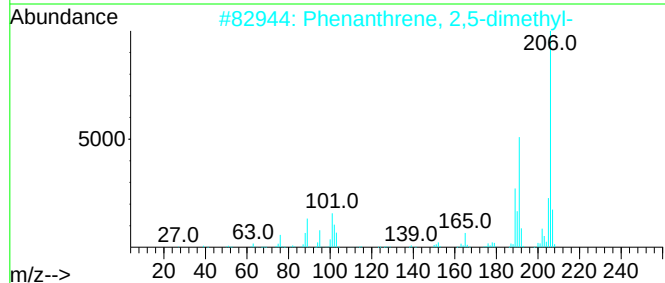
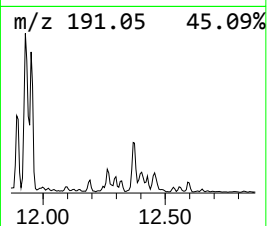
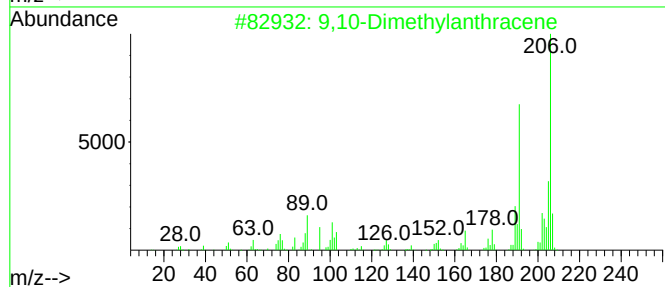
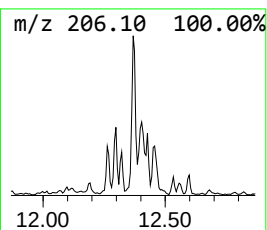
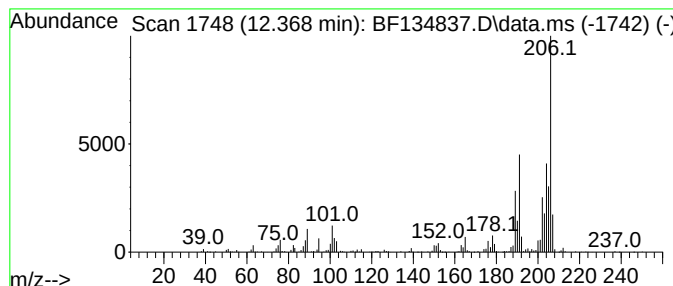
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,10-Dimethylantracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	5.78 ng	380655	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134837.D
 Acq On : 18 Aug 2023 12:38
 Operator : CG\JU
 Sample : 04047-02 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEVINS-SB05-Z60-61

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
Benzene, 1,2,3-...	6.616	7.3	ng	357799	1	6.792	973472	20.0
Indane	6.969	33.6	ng	1636210	1	6.792	973472	20.0
o-Cymene	7.110	5.3	ng	256890	1	6.792	973472	20.0
Naphthalene, 1-...	9.345	22.3	ng	1494520	3	9.827	1339350	20.0
Naphthalene, 1,...	9.416	23.5	ng	1573850	3	9.827	1339350	20.0
Naphthalene, 2,...	9.486	25.5	ng	1705960	3	9.827	1339350	20.0
Naphthalene, 1,...	9.510	14.7	ng	985520	3	9.827	1339350	20.0
Naphthalene, 2,...	9.604	13.5	ng	902582	3	9.827	1339350	20.0
Naphthalene, 1,...	9.933	6.5	ng	435420	3	9.827	1339350	20.0
Naphthalene, 2,...	10.139	5.9	ng	395489	3	9.827	1339350	20.0
9H-Fluorene, 1-...	10.922	6.1	ng	400255	4	11.316	1317660	20.0
Naphtho[2,1-b]t...	11.210	9.2	ng	606249	4	11.316	1317660	20.0
Anthracene, 2-m...	11.822	9.3	ng	610572	4	11.316	1317660	20.0
Phenanthrene, 2...	11.845	9.9	ng	651042	4	11.316	1317660	20.0
4H-Cyclopenta[d...	11.933	15.6	ng	1029340	4	11.316	1317660	20.0
9,10-Dimethylan...	12.368	5.8	ng	380655	4	11.316	1317660	20.0