

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141470.D
 Acq On : 06 Feb 2025 01:26
 Operator : RC/JU
 Sample : Q1285-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11977

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141470.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.257	532	538	549	rBV	109305	148440	1.73%	0.150%
2	5.410	561	564	574	rVB	85202	122430	1.43%	0.124%
3	5.628	592	601	609	rBV2	85669	142479	1.66%	0.144%
4	6.316	711	718	721	rBV	210304	280533	3.27%	0.283%
5	6.345	721	723	727	rVV	136314	149925	1.75%	0.151%
6	6.434	734	738	742	rVV	85801	120586	1.40%	0.122%
7	6.616	762	769	775	rBV3	282427	433856	5.05%	0.438%
8	6.793	794	799	805	rBV	290304	401789	4.68%	0.406%
9	6.845	805	808	812	rVV	82669	117238	1.37%	0.118%
10	6.969	825	829	834	rVB	795209	998296	11.62%	1.009%
11	7.045	834	842	849	rBV2	236616	399547	4.65%	0.404%
12	7.110	849	853	861	rVB	183905	245876	2.86%	0.248%
13	7.322	885	889	892	rBV	168107	231828	2.70%	0.234%
14	7.404	898	903	907	rVV2	72716	145776	1.70%	0.147%
15	7.587	931	934	938	rVB	118178	154409	1.80%	0.156%
16	7.745	957	961	966	rVB	163055	219070	2.55%	0.221%
17	7.822	966	974	977	rBV3	388577	647686	7.54%	0.654%
18	7.857	977	980	992	rVV2	312982	636337	7.41%	0.643%
19	8.104	1011	1022	1035	rVB	5236053	8588803	100.00%	8.678%
20	8.357	1060	1065	1070	rBV6	59215	115896	1.35%	0.117%
21	8.428	1073	1077	1081	rBV	107809	189321	2.20%	0.191%
22	8.510	1086	1091	1093	rBV2	76922	133551	1.55%	0.135%
23	8.792	1133	1139	1144	rVB	3971149	5481528	63.82%	5.538%
24	8.892	1150	1156	1161	rVB	3548820	4776414	55.61%	4.826%
25	9.145	1195	1199	1204	rVB	109679	140664	1.64%	0.142%
26	9.251	1210	1217	1223	rBV	1346199	1745894	20.33%	1.764%
27	9.351	1225	1234	1239	rVV	1831933	2701351	31.45%	2.729%
28	9.416	1239	1245	1248	rVV	848890	1306294	15.21%	1.320%
29	9.451	1248	1251	1253	rVV	310482	395342	4.60%	0.399%
30	9.492	1253	1258	1260	rVV	1305495	1891444	22.02%	1.911%
31	9.516	1260	1262	1266	rVV2	741653	926477	10.79%	0.936%
32	9.551	1266	1268	1272	rVV	222429	269004	3.13%	0.272%
33	9.604	1272	1277	1285	rVV	612338	1021722	11.90%	1.032%
34	9.692	1285	1292	1297	rVB	1112544	1475559	17.18%	1.491%
35	9.816	1308	1313	1317	rBV2	637927	1109990	12.92%	1.121%
36	9.869	1317	1322	1327	rVB	3368328	4456480	51.89%	4.503%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.933	1329	1333	1338	rBV	204233	299147	3.48%	0.302%
38	9.992	1338	1343	1345	rBV2	95054	177692	2.07%	0.180%
39	10.028	1346	1349	1353	rVB	282315	376602	4.38%	0.380%
40	10.069	1353	1356	1364	rVB	199629	306788	3.57%	0.310%
41	10.139	1364	1368	1372	rBV2	435186	702731	8.18%	0.710%
42	10.233	1380	1384	1389	rBV4	199067	406168	4.73%	0.410%
43	10.286	1389	1393	1396	rVV	486887	630526	7.34%	0.637%
44	10.351	1396	1404	1405	rVV4	342744	622806	7.25%	0.629%
45	10.381	1405	1409	1414	rVV	1522756	2160734	25.16%	2.183%
46	10.439	1414	1419	1424	rVV3	400225	911100	10.61%	0.921%
47	10.486	1424	1427	1434	rVV3	445863	950748	11.07%	0.961%
48	10.557	1437	1439	1443	rVV	275102	348190	4.05%	0.352%
49	10.604	1443	1447	1454	rVB	549849	828704	9.65%	0.837%
50	10.745	1467	1471	1477	rVB3	143503	203182	2.37%	0.205%
51	10.922	1494	1501	1505	rBV2	519499	962309	11.20%	0.972%
52	10.957	1505	1507	1512	rVV	224692	261894	3.05%	0.265%
53	11.010	1512	1516	1519	rVB	241535	285371	3.32%	0.288%
54	11.075	1524	1527	1531	rVV2	133827	192419	2.24%	0.194%
55	11.122	1532	1535	1540	rVB	180392	261556	3.05%	0.264%
56	11.210	1546	1550	1560	rVB2	298316	502669	5.85%	0.508%
57	11.357	1564	1575	1579	rBV	5003376	8290678	96.53%	8.376%
58	11.398	1579	1582	1591	rVB	1779055	2413446	28.10%	2.438%
59	11.616	1615	1619	1622	rBV	424430	497051	5.79%	0.502%
60	11.657	1622	1626	1633	rVB2	193290	307441	3.58%	0.311%
61	11.727	1635	1638	1643	rVB3	106937	160515	1.87%	0.162%
62	11.822	1649	1654	1657	rBV	975843	1375419	16.01%	1.390%
63	11.851	1657	1659	1663	rVB	946008	1011917	11.78%	1.022%
64	11.898	1663	1667	1670	rBV	476019	610101	7.10%	0.616%
65	11.939	1670	1674	1682	rVB	1719989	3156295	36.75%	3.189%
66	12.116	1697	1704	1715	rVB	1036432	1607408	18.72%	1.624%
67	12.269	1726	1730	1732	rBV2	123881	155308	1.81%	0.157%
68	12.375	1742	1748	1751	rBV	547717	871236	10.14%	0.880%
69	12.410	1751	1754	1760	rVV3	368423	783401	9.12%	0.792%
70	12.469	1760	1764	1771	rVB4	197428	428740	4.99%	0.433%
71	12.539	1771	1776	1780	rBV	2195566	2831546	32.97%	2.861%
72	12.580	1780	1783	1786	rVV	118863	182962	2.13%	0.185%
73	12.633	1787	1792	1796	rVB	789739	1064752	12.40%	1.076%
74	12.704	1801	1804	1809	rVB	152803	238701	2.78%	0.241%
75	12.774	1809	1816	1821	rBV	3508192	5294802	61.65%	5.350%
76	12.904	1835	1838	1846	rVB4	138844	287401	3.35%	0.290%

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77	12.980	1847	1851	1857	rBV	309618	470471	5.48%	0.475%
78	13.092	1862	1870	1874	rVV	721328	1348530	15.70%	1.362%
79	13.157	1877	1881	1885	rVV	589428	810290	9.43%	0.819%
80	13.198	1885	1888	1895	rVB	440948	603405	7.03%	0.610%
81	13.286	1901	1903	1906	rVV	205072	249030	2.90%	0.252%
82	13.322	1906	1909	1918	rVB	547271	757720	8.82%	0.766%
83	13.510	1935	1941	1948	rVV3	110975	268427	3.13%	0.271%
84	13.580	1949	1953	1962	rVB3	125973	349683	4.07%	0.353%
85	13.692	1969	1972	1976	rBV4	93650	178212	2.07%	0.180%
86	13.739	1977	1980	1989	rVB2	279935	491720	5.73%	0.497%
87	13.957	2011	2017	2020	rBV2	1276308	2022884	23.55%	2.044%
88	13.992	2020	2023	2031	rVB	830516	1142681	13.30%	1.155%
89	14.104	2039	2042	2051	rVB2	190383	317082	3.69%	0.320%
90	14.351	2080	2084	2087	rVV	271703	405552	4.72%	0.410%
91	14.380	2087	2089	2093	rVV	118084	136439	1.59%	0.138%
92	14.439	2094	2099	2103	rVV3	168389	335122	3.90%	0.339%
93	14.498	2103	2109	2113	rVB3	215424	395034	4.60%	0.399%
94	14.998	2189	2194	2207	rVV	416392	961000	11.19%	0.971%
95	15.104	2208	2212	2224	rVB	156222	253107	2.95%	0.256%
96	15.292	2240	2244	2250	rBV	302269	438737	5.11%	0.443%
97	15.357	2250	2255	2260	rBV	613464	898456	10.46%	0.908%
98	15.415	2260	2265	2268	rBV2	159567	254955	2.97%	0.258%
99	16.857	2505	2510	2519	rVB2	142878	300654	3.50%	0.304%
100	17.292	2579	2584	2601	rVB	128337	304416	3.54%	0.308%

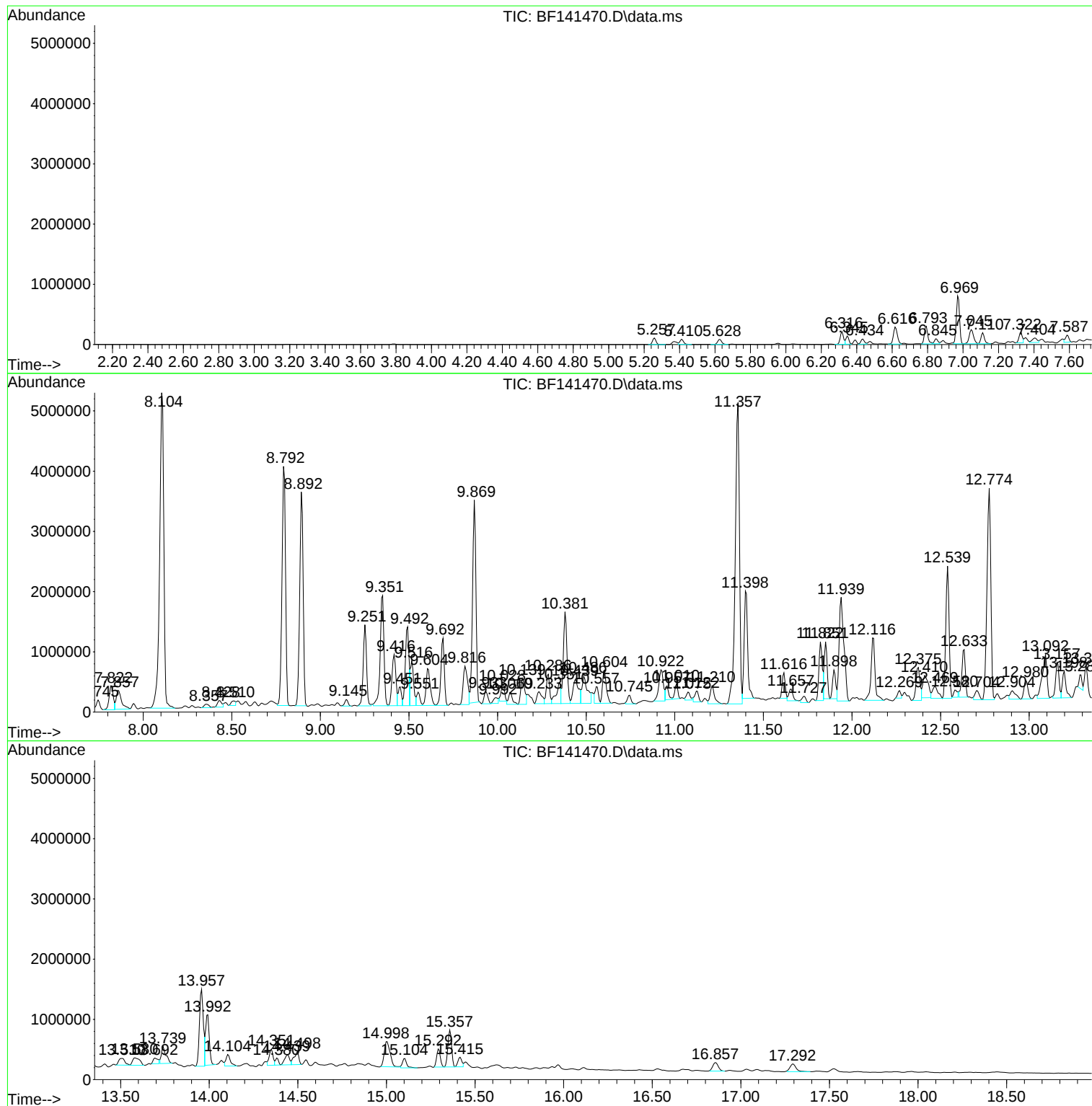
Sum of corrected areas: 98975898

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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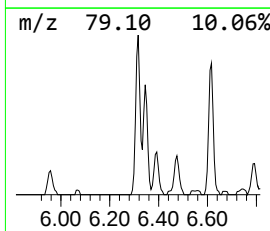
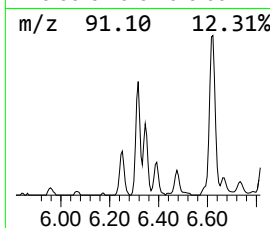
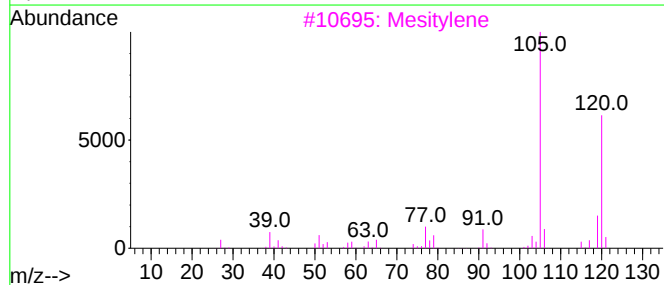
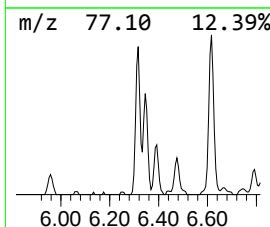
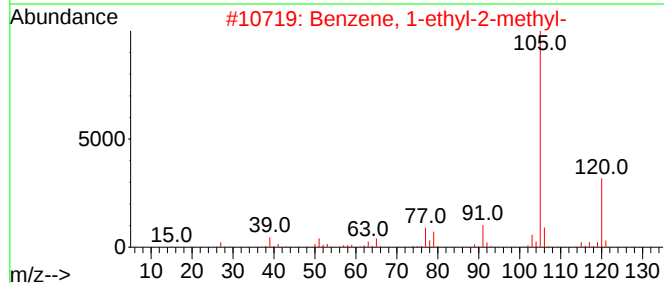
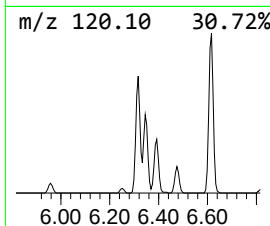
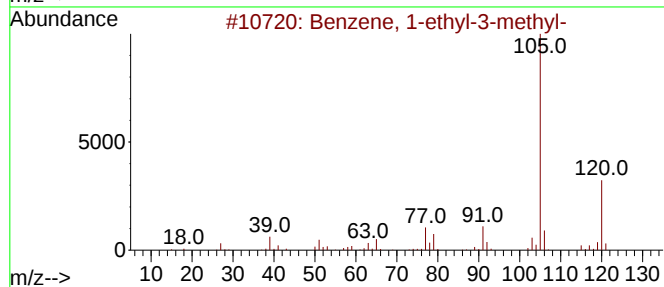
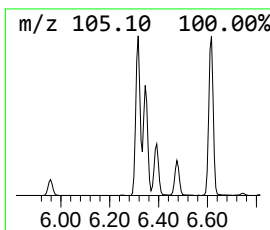
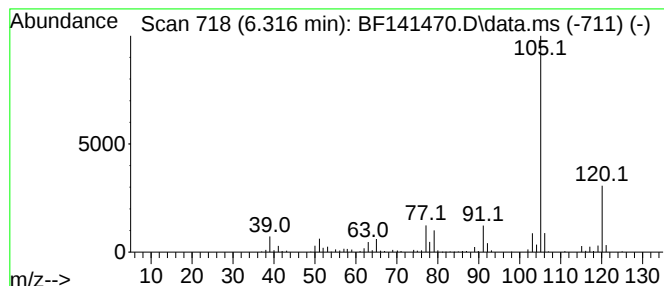
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	13.96 ng	280533	1,4-Dichlorobenzene-d4	6.793

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



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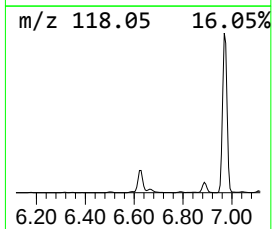
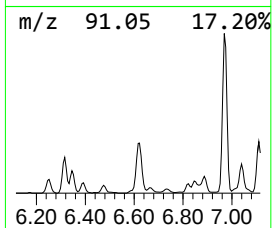
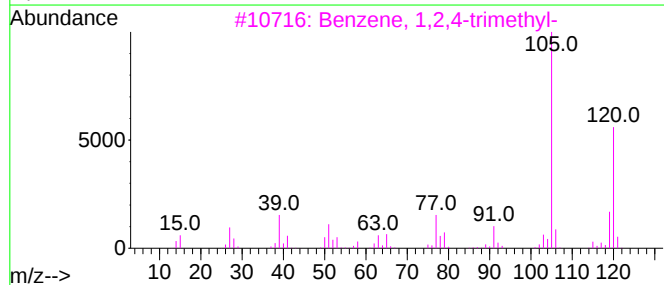
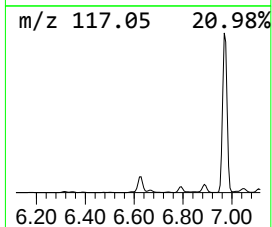
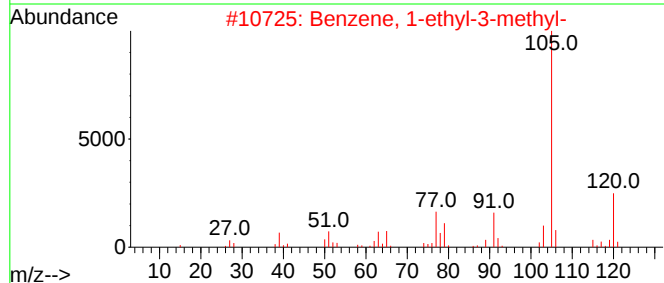
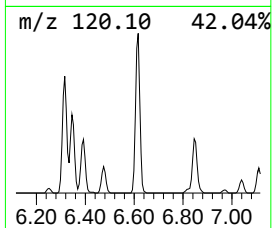
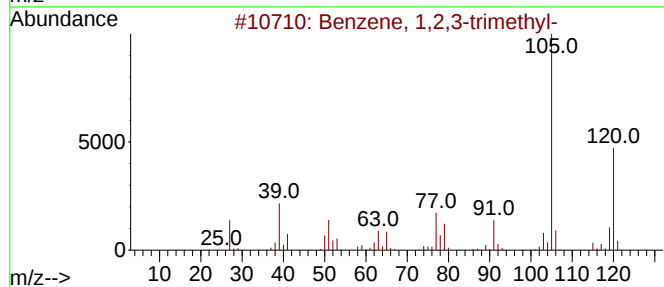
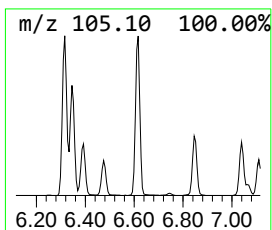
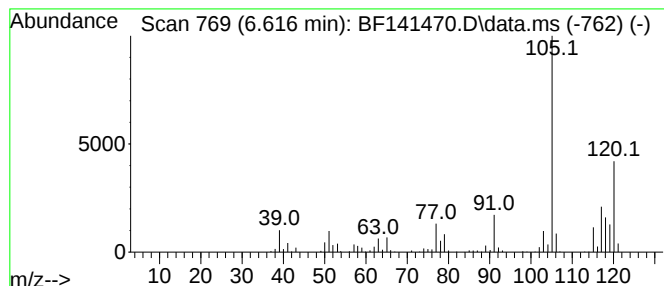
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	21.60 ng	433856	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	92
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4			Mesitylene	120	C9H12	000108-67-8	70
5			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



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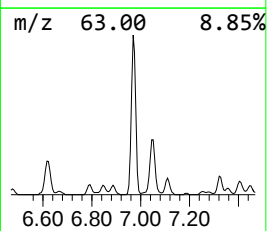
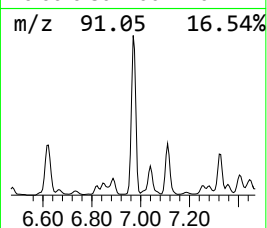
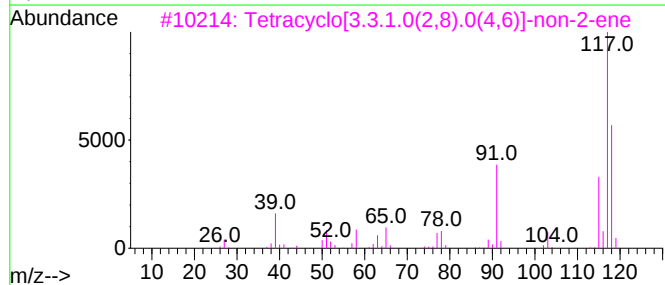
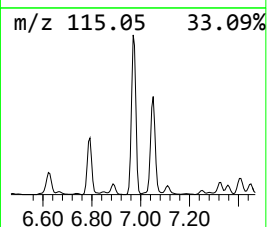
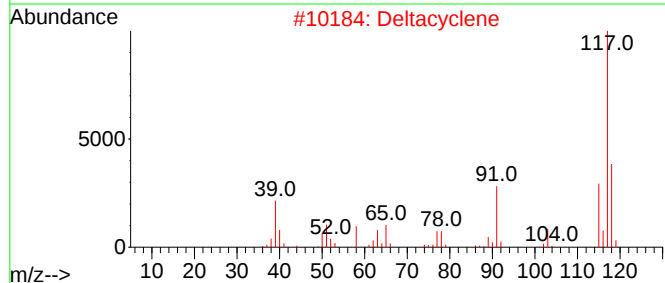
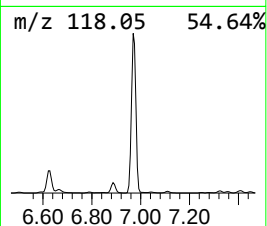
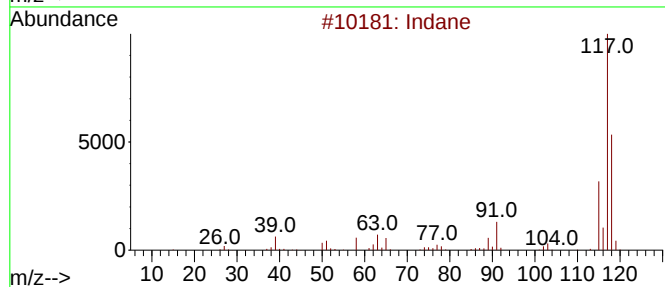
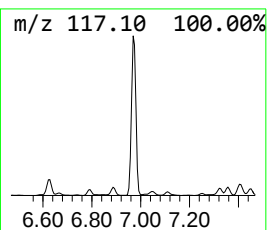
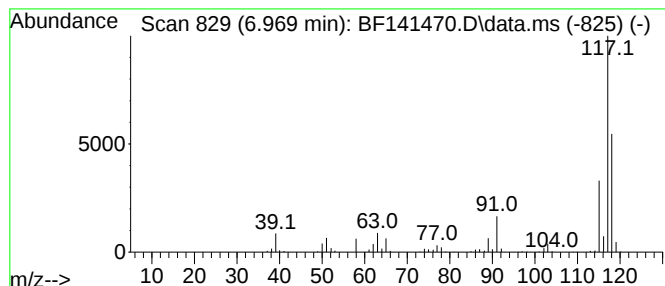
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	49.69 ng	998296	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Deltacyclene	118	C9H10	007785-10-6	74
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60



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Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

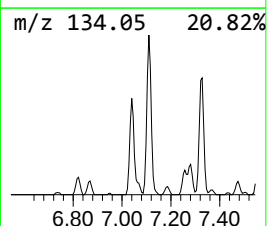
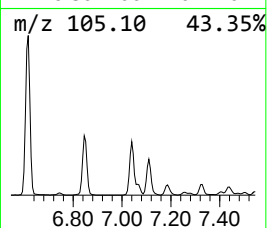
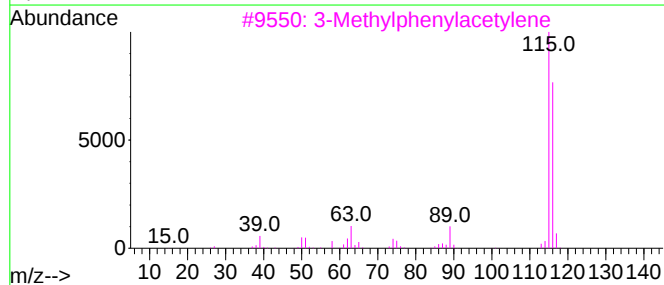
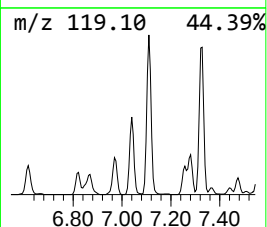
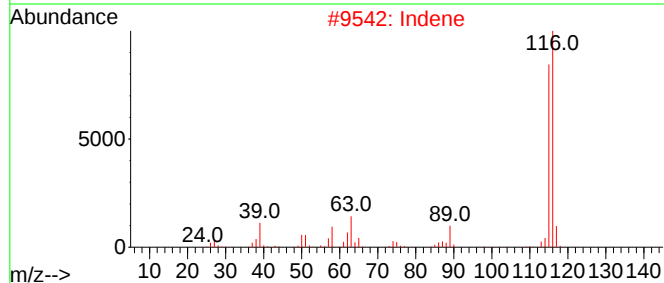
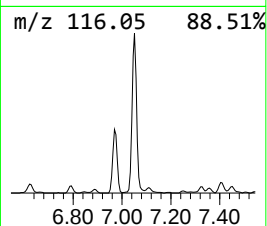
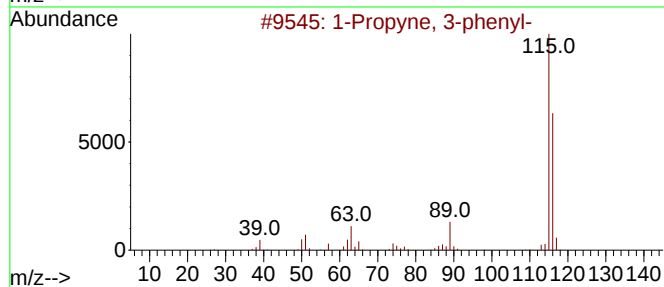
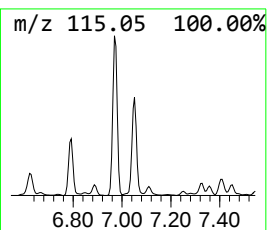
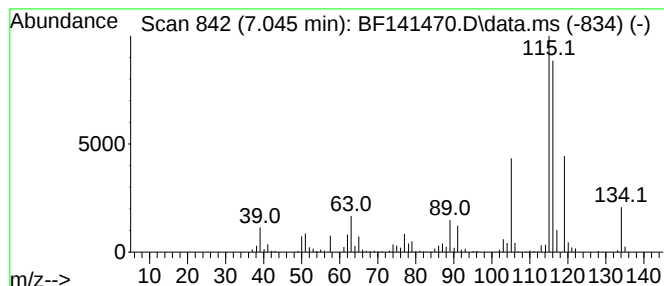
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Propyne, 3-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	19.89 ng	399547	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	93
2			Indene	116	C9H8	000095-13-6	93
3			3-Methylphenylacetylene	116	C9H8	000766-82-5	70
4			Benzene, 1-propynyl-	116	C9H8	000673-32-5	70
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	64



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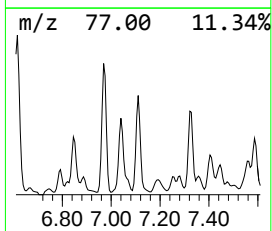
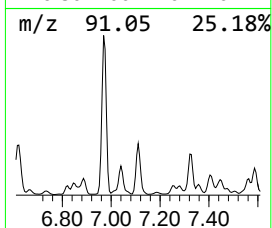
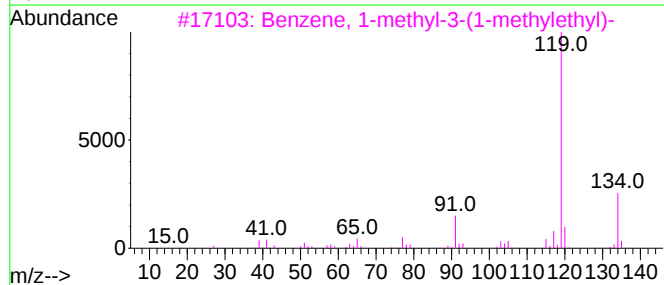
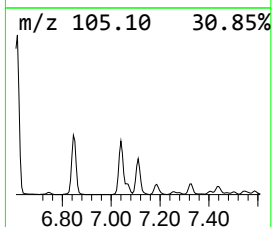
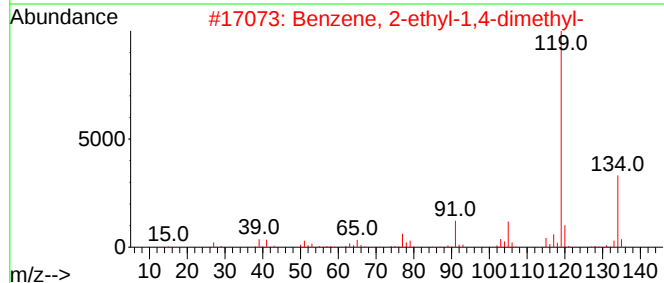
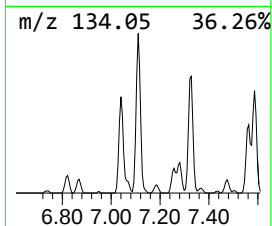
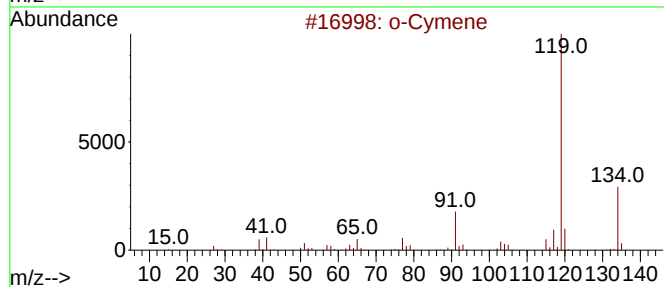
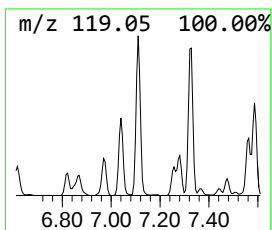
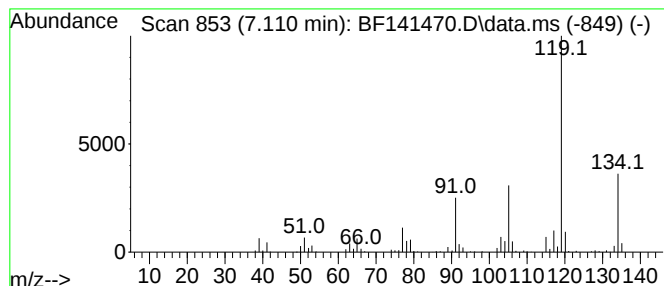
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	12.24 ng	245876	1,4-Dichlorobenzene-d4	6.793

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	93
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5			p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
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Operator : RC/JU
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Misc :
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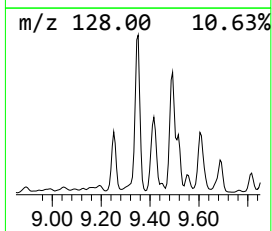
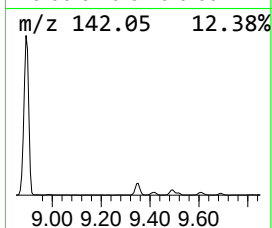
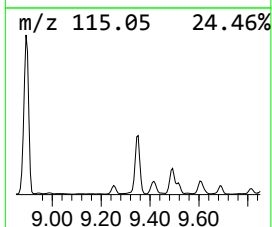
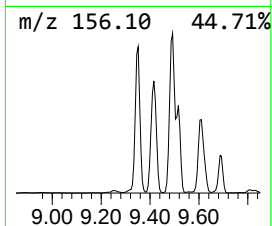
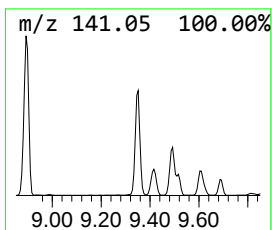
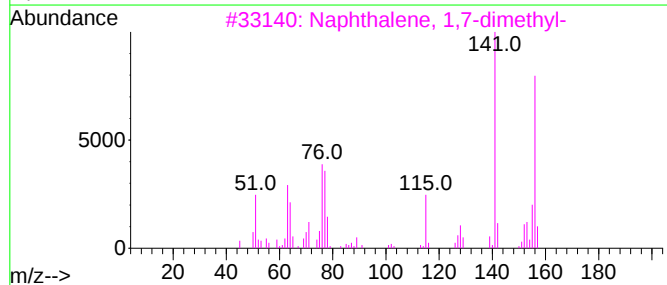
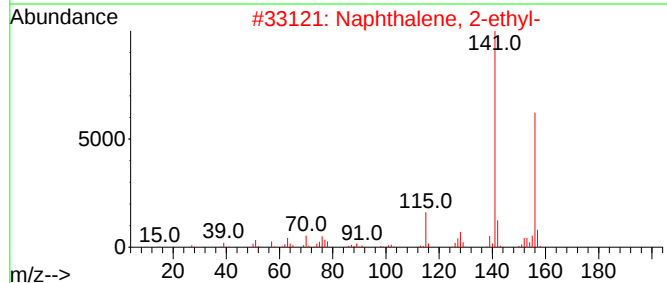
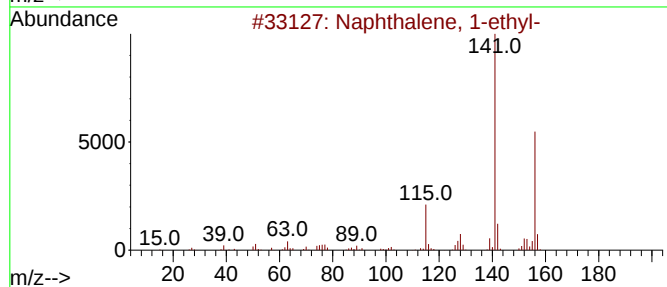
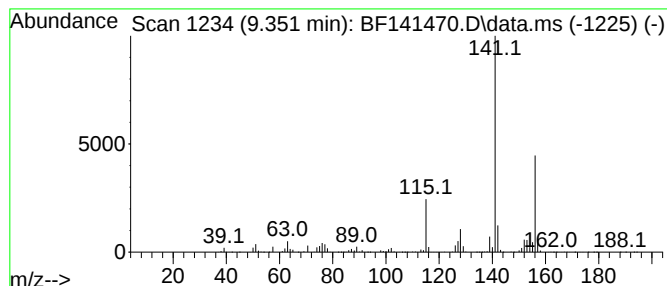
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	48.67 ng	2701350	Acenaphthene-d10	9.828

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, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
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Instrument :
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ClientSampleId :
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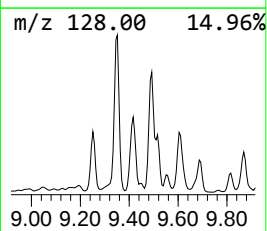
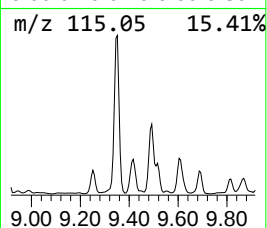
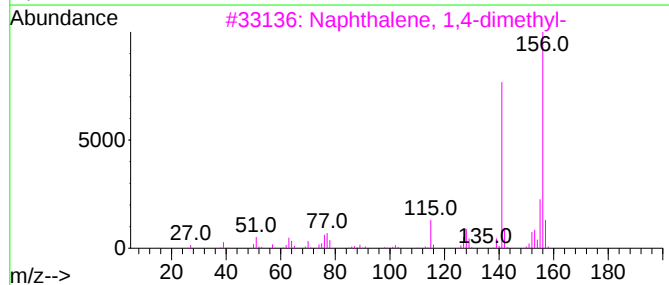
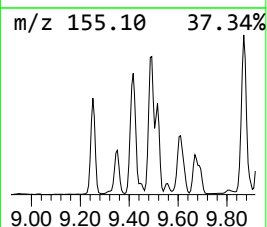
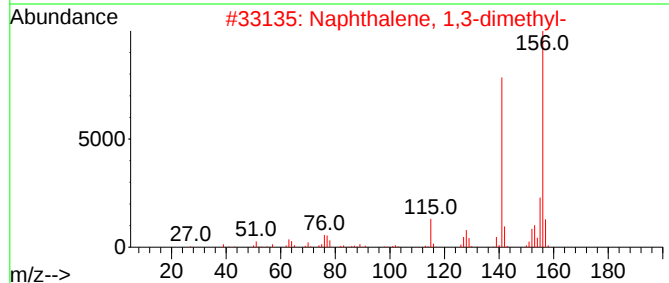
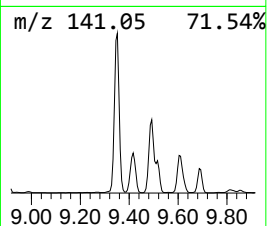
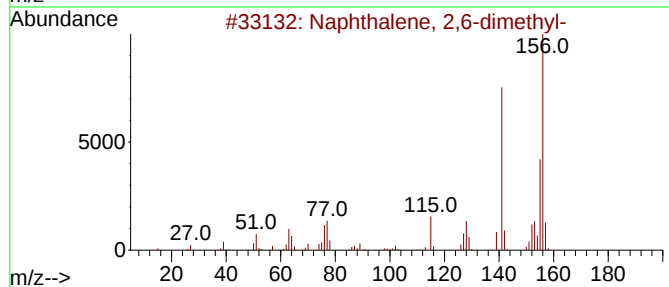
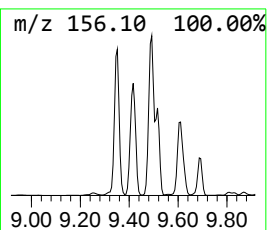
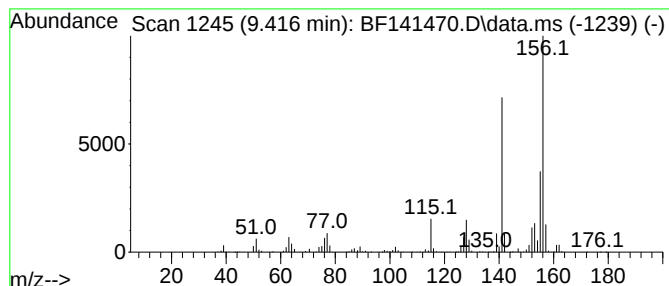
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	23.54 ng	1306290	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
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Misc :
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Instrument :
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ClientSampleId :
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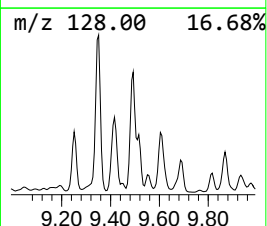
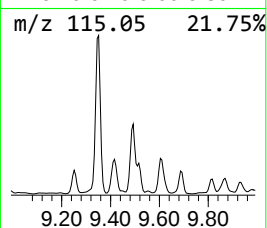
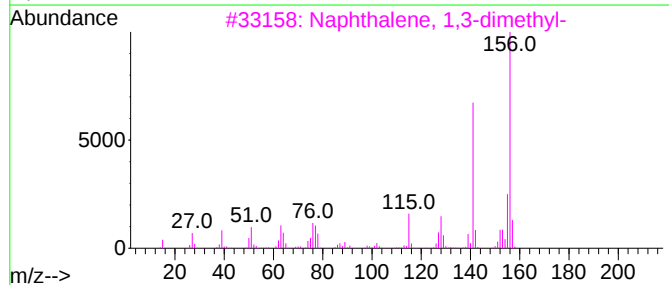
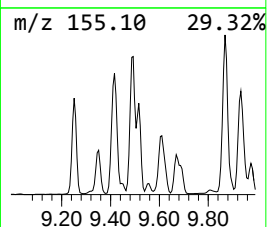
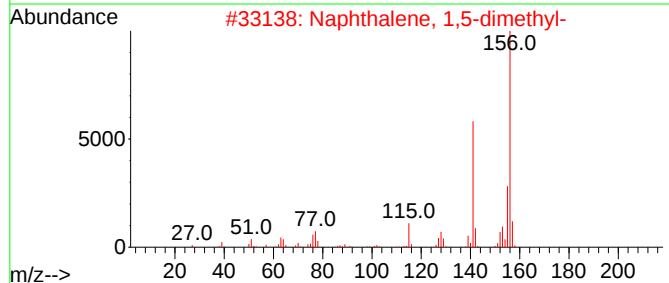
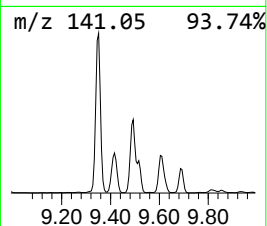
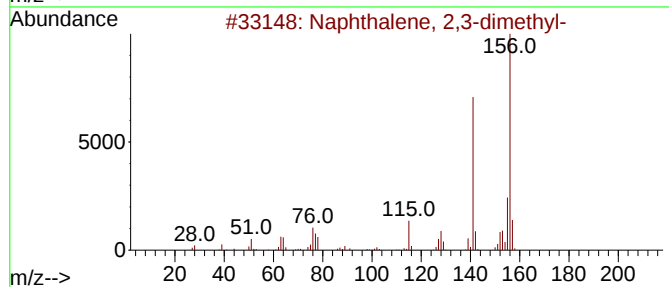
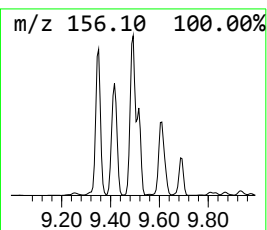
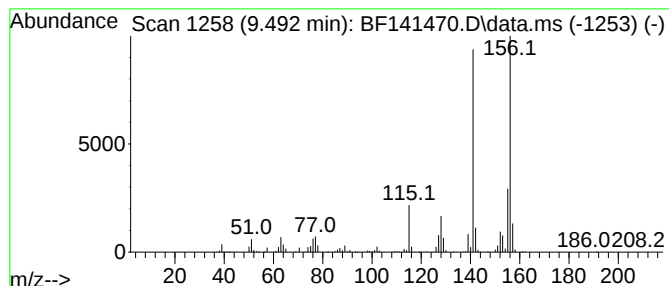
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	34.08 ng	1891440	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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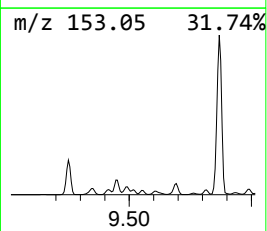
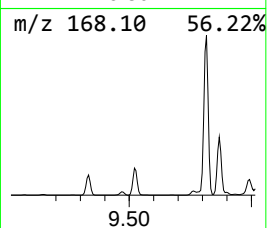
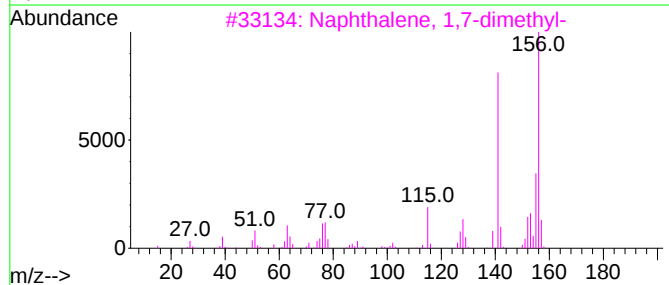
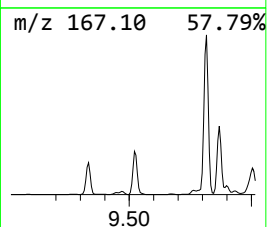
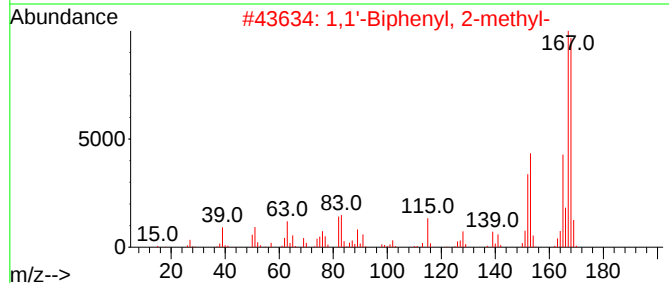
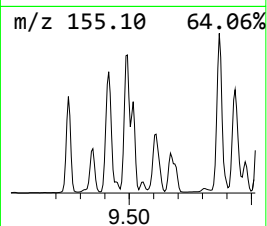
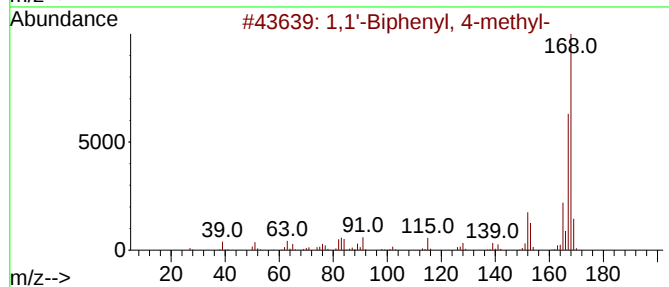
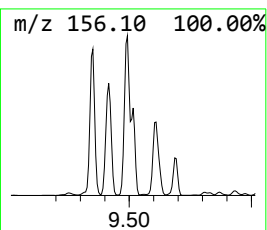
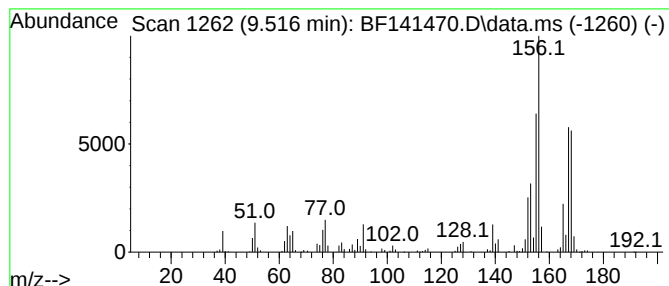
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.516 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	16.69 ng	926477	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42		
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38		
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38		
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	38		
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
72-11977

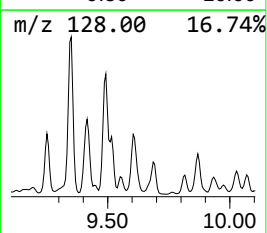
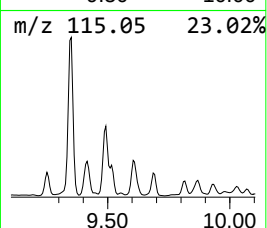
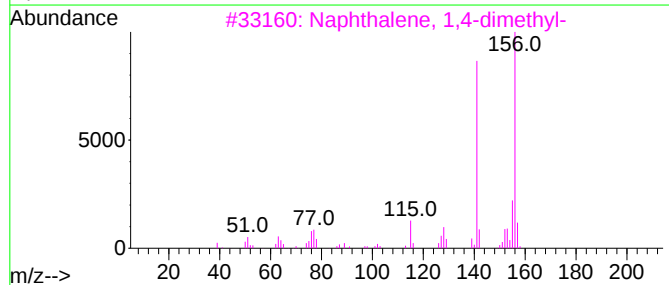
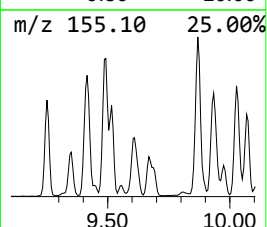
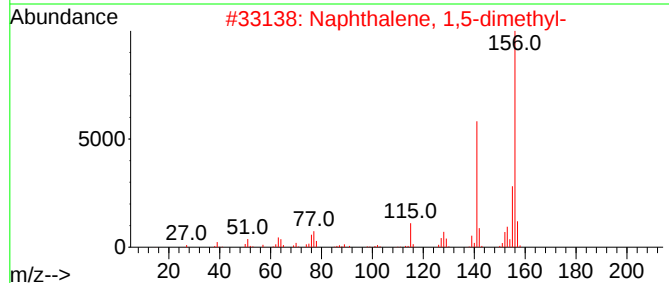
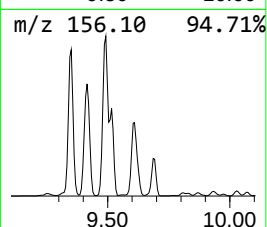
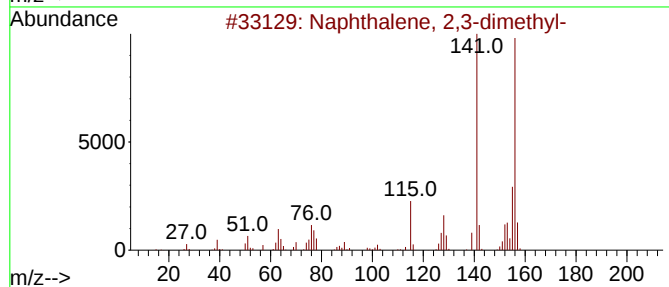
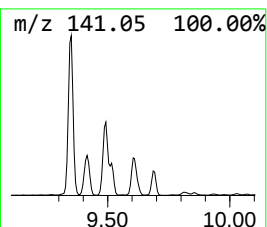
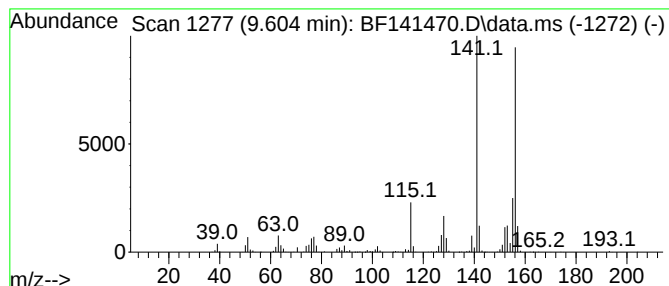
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	18.41 ng	1021720	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

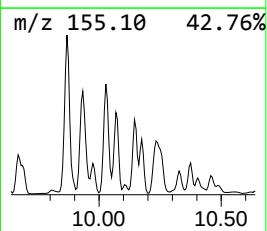
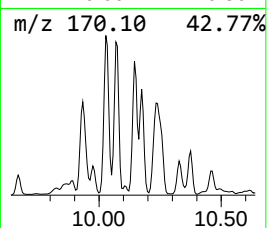
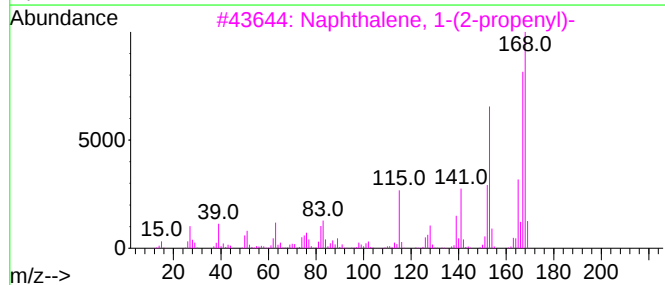
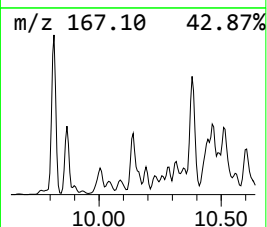
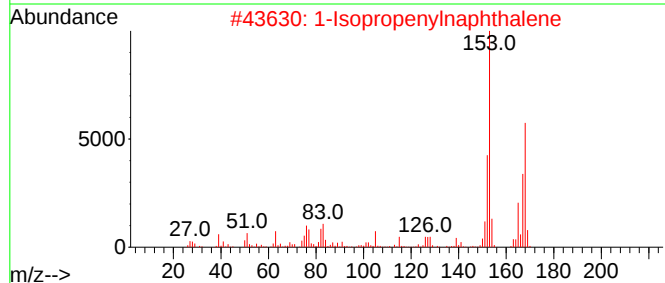
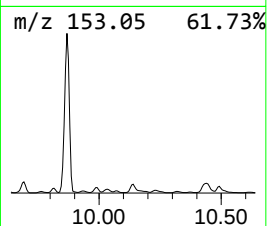
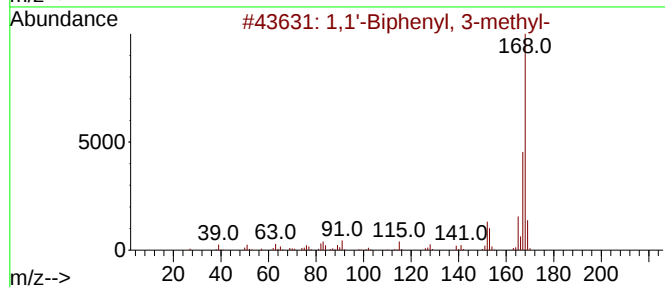
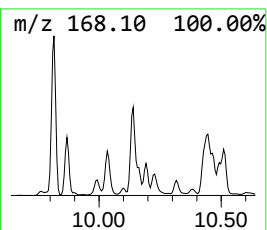
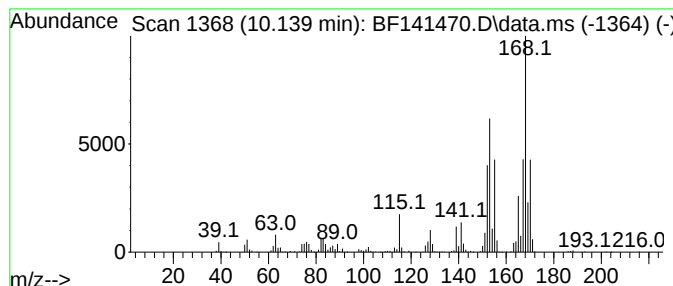
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.139	12.66 ng	702731	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	45
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\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11977

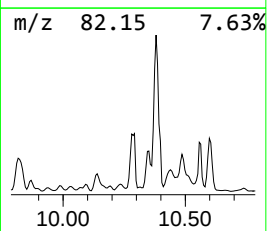
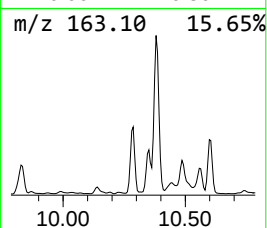
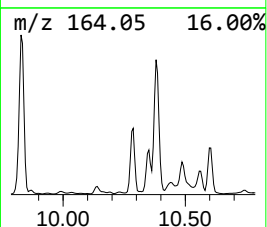
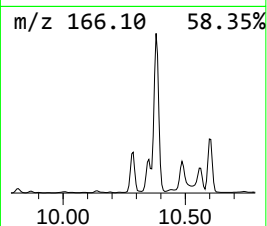
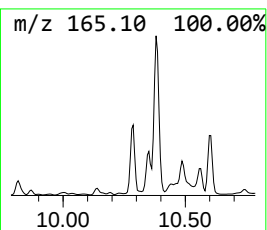
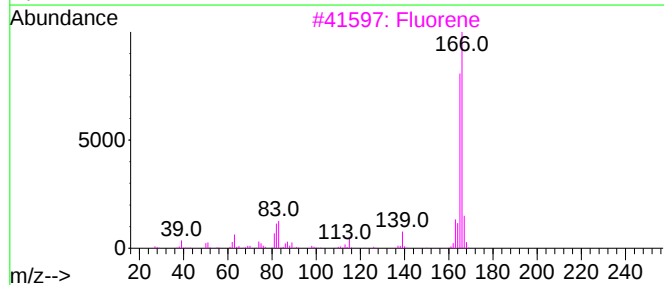
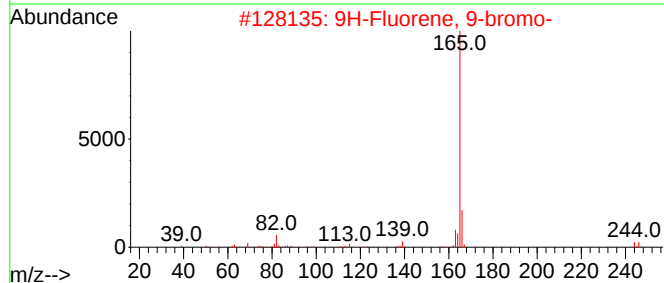
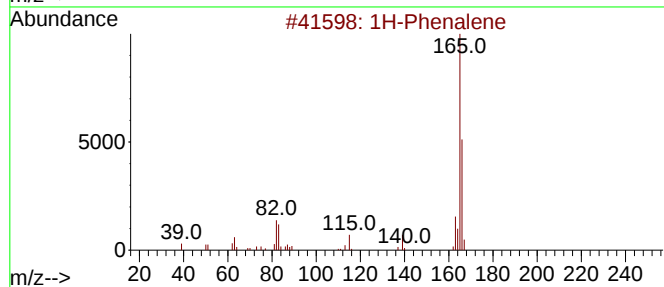
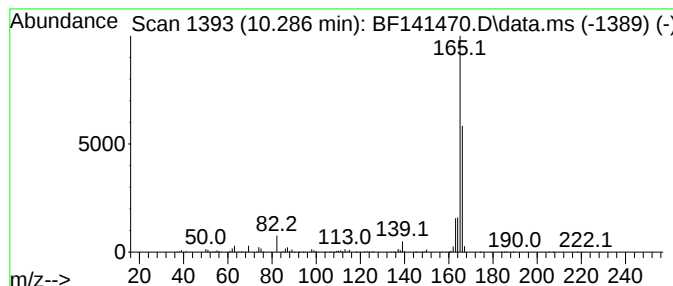
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Phenalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	11.36 ng	630526	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	72
2			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
3			Fluorene	166	C13H10	000086-73-7	50
4			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40
5			1H-Indene-1,6(2H)-dione, hexahyd...	166	C10H14O2	066708-23-4	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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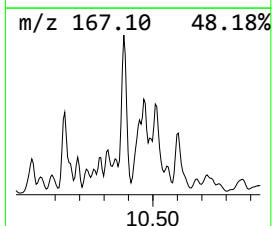
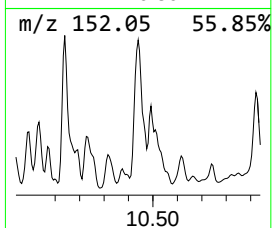
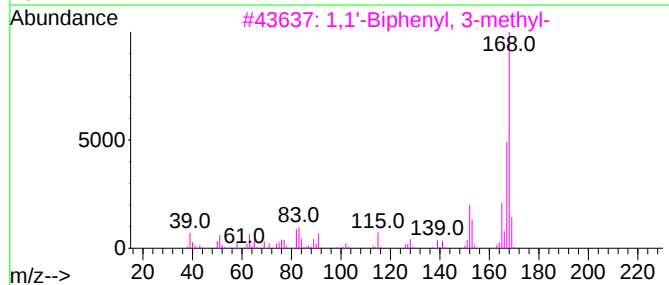
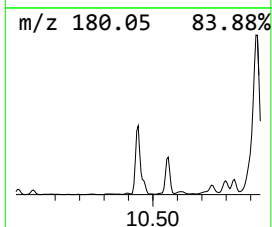
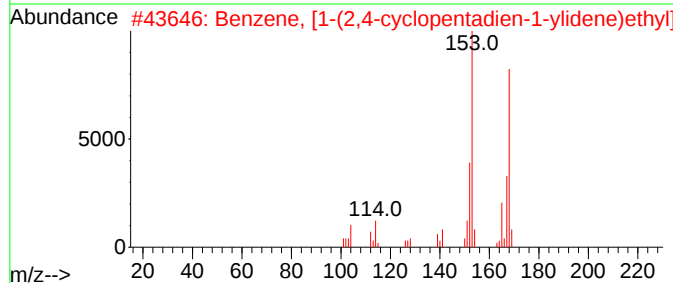
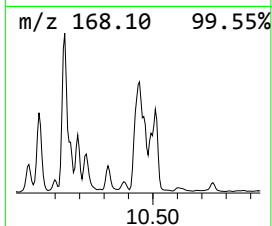
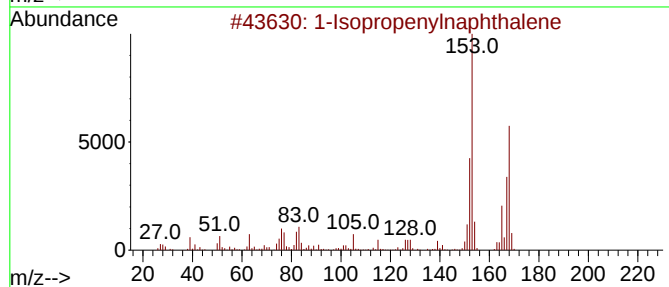
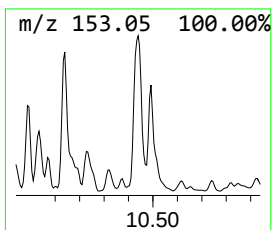
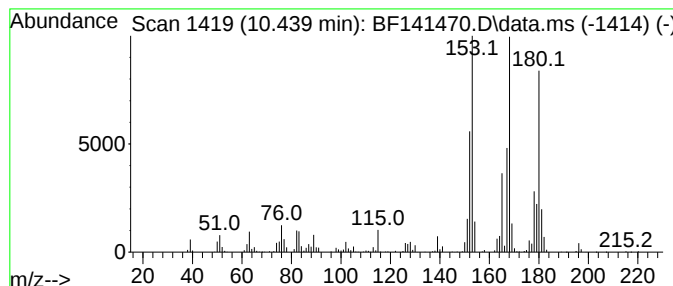
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	16.42 ng	911100	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	78
2			Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	60
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
4			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	38
5			3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
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Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

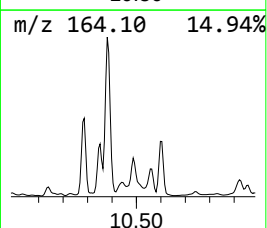
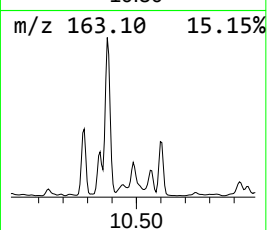
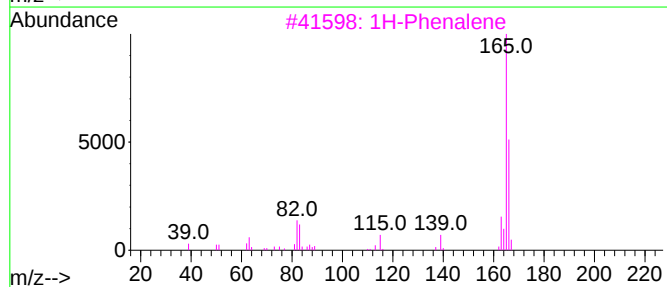
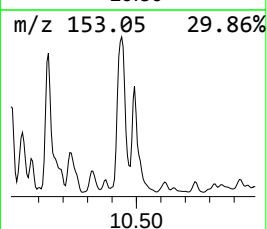
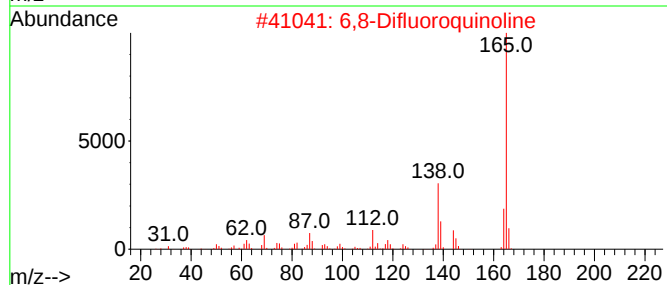
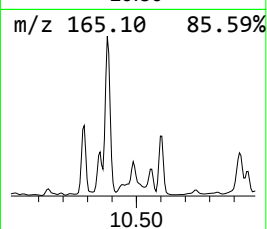
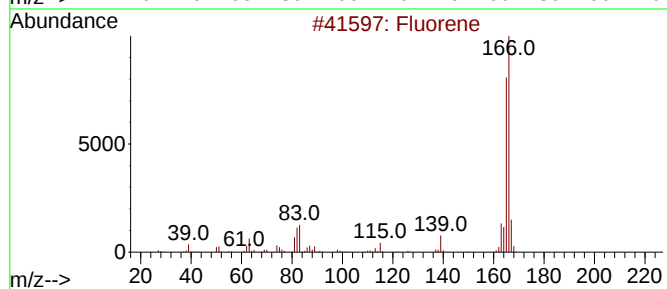
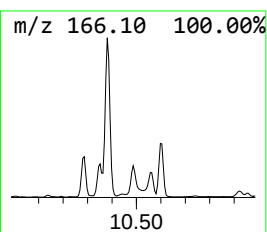
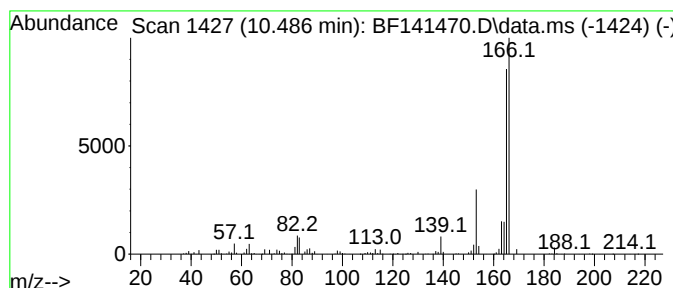
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 6,8-Difluoroquinoline Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.486	17.13 ng	950748	Acenaphthene-d10	9.828	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	87
2	6,8-Difluoroquinoline	165	C9H5F2N	145241-75-4	35
3	1H-Phenylene	166	C13H10	000203-80-5	30
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	13
5	4-Hydroxy-m-tolyl thiocyanate	165	C8H7NOS	003774-53-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11977

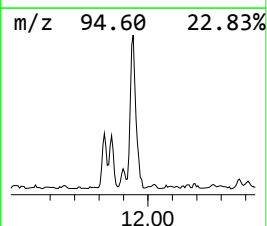
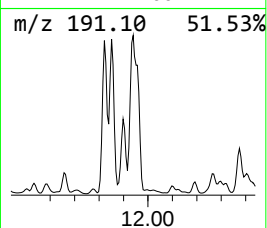
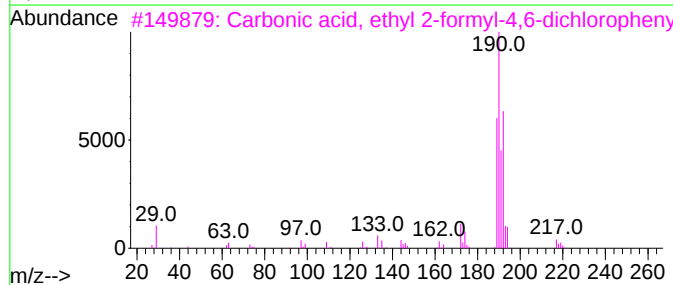
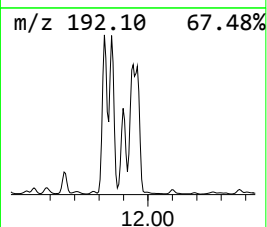
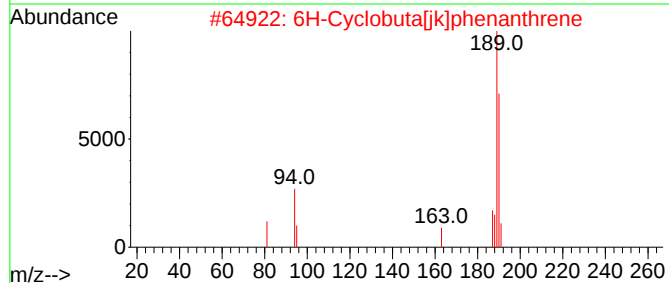
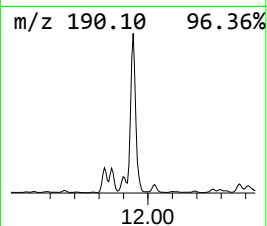
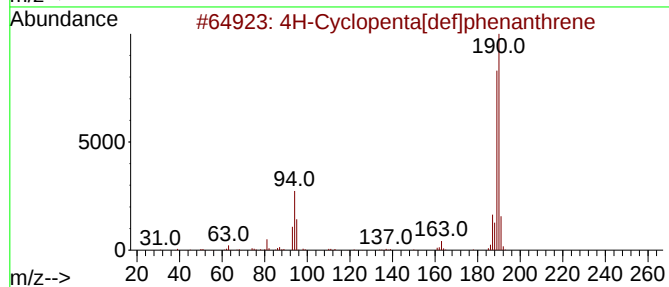
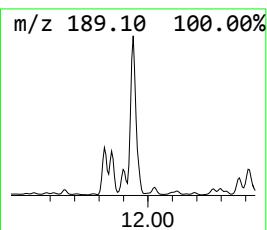
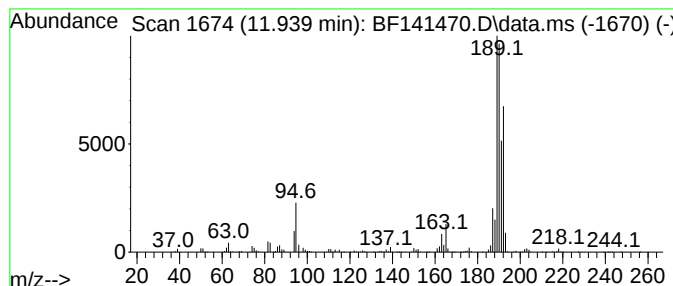
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	7.61 ng	3156300	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4			1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
5			3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11977

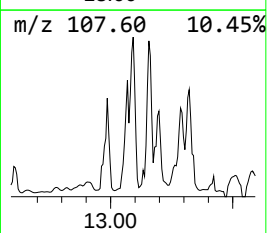
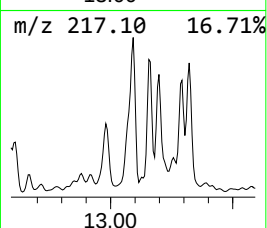
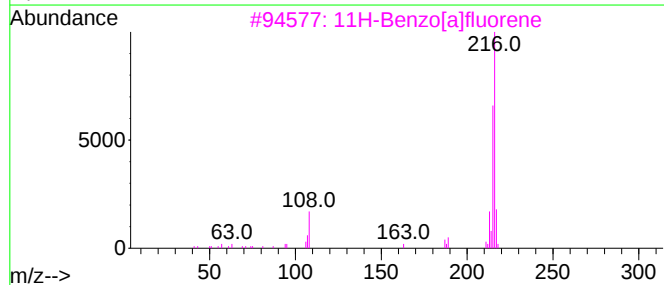
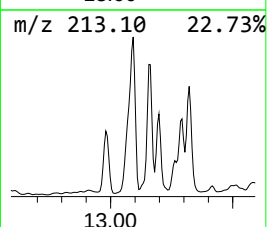
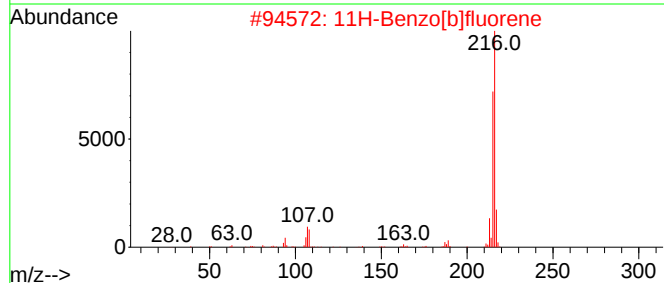
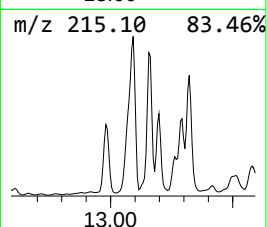
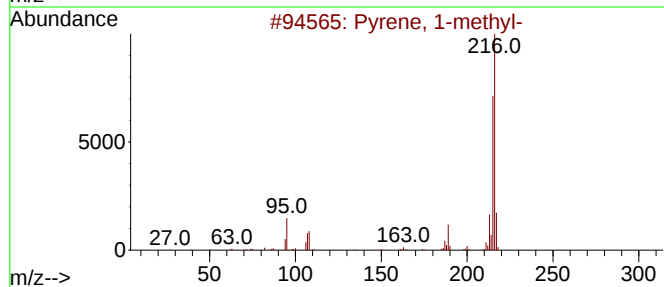
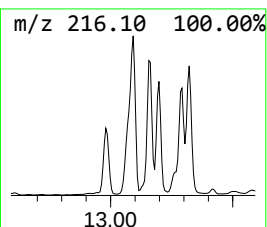
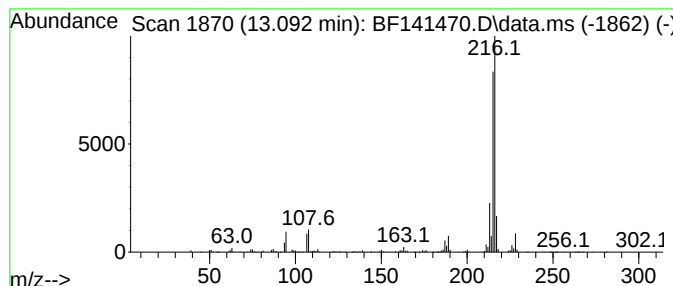
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	13.33 ng	1348530	Chrysene-d12	13.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

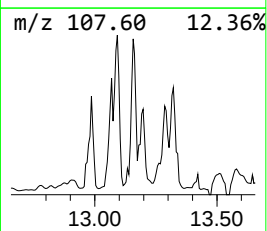
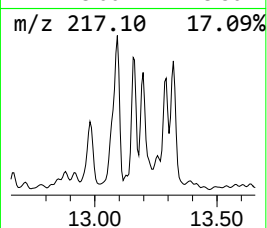
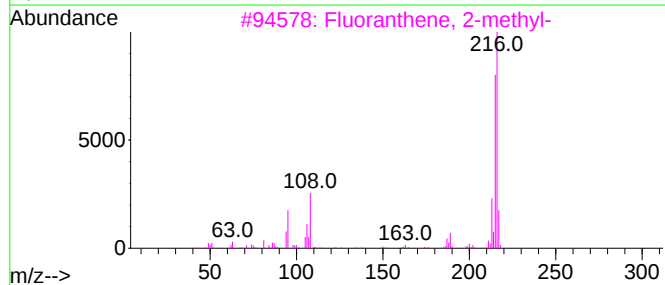
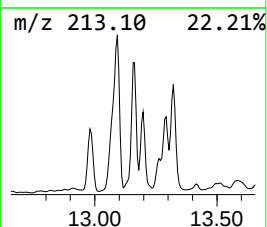
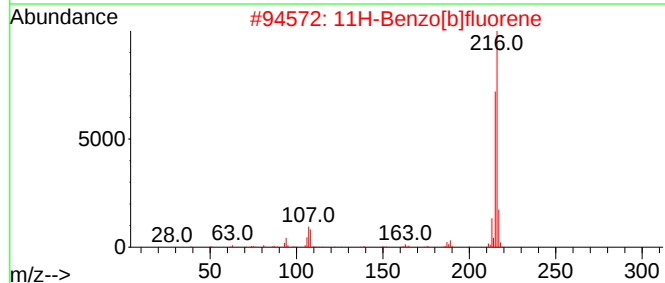
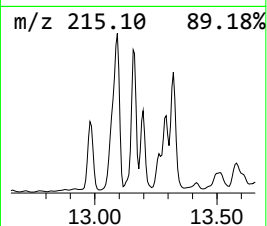
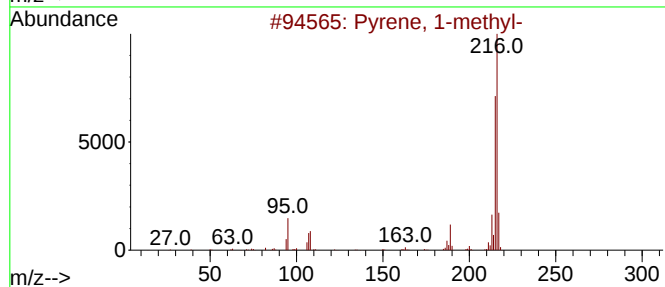
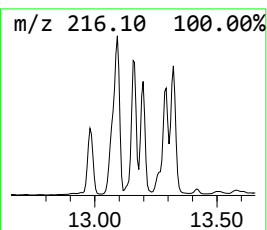
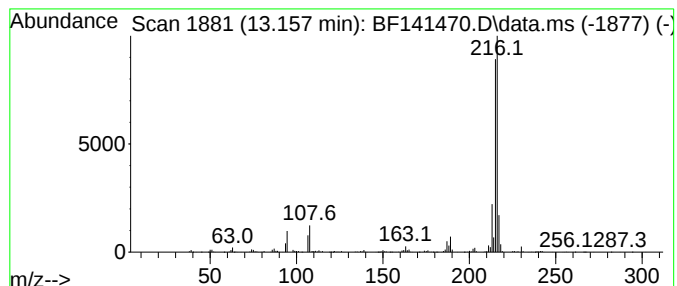
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	8.01 ng	810290	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

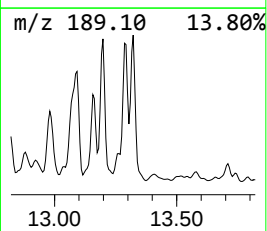
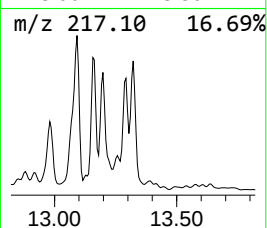
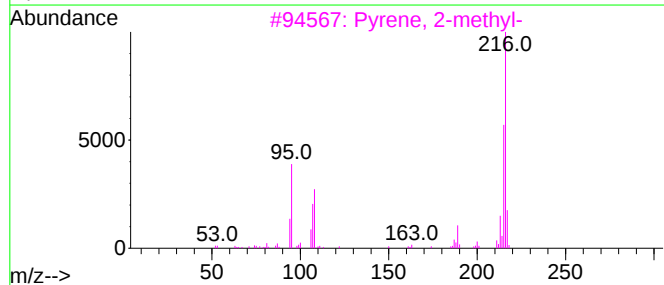
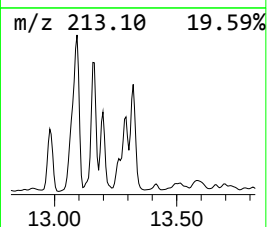
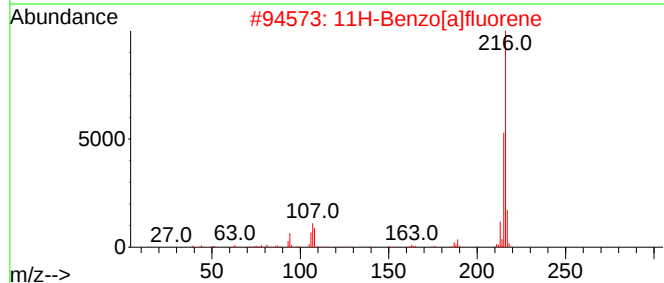
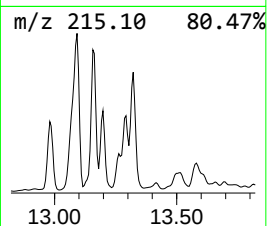
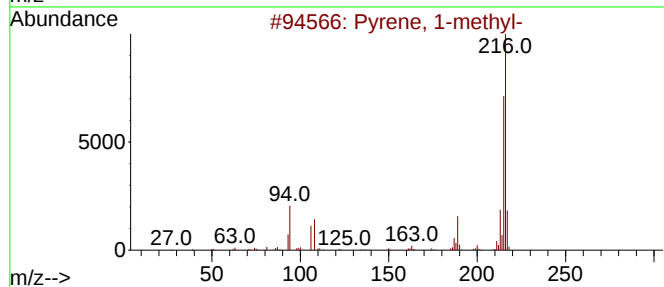
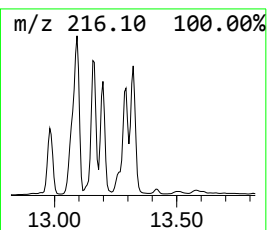
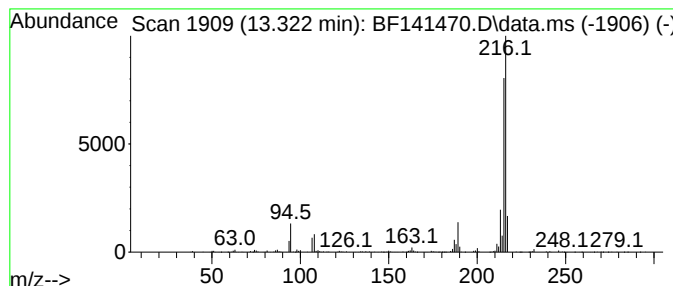
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.322	7.49 ng	757720	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

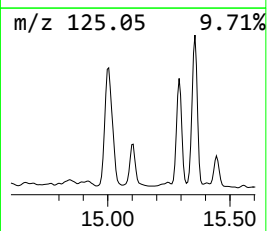
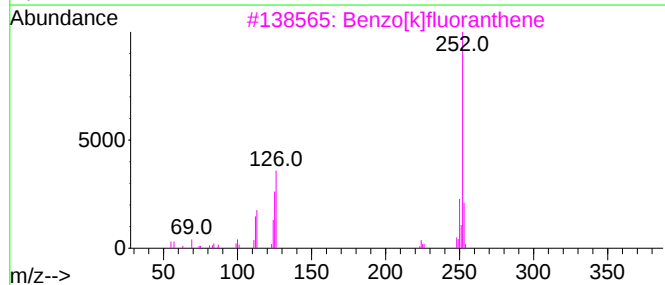
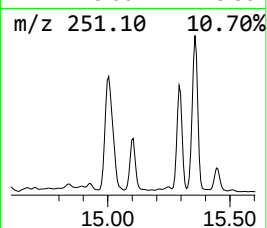
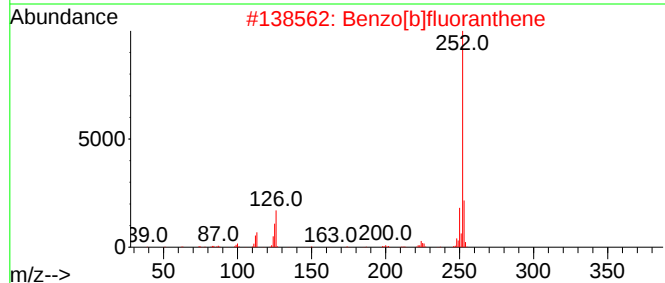
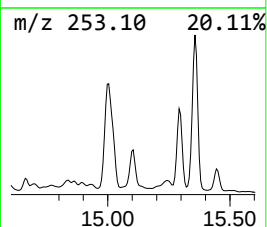
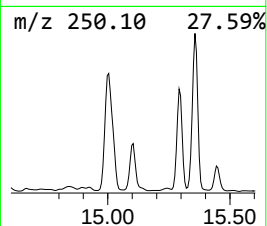
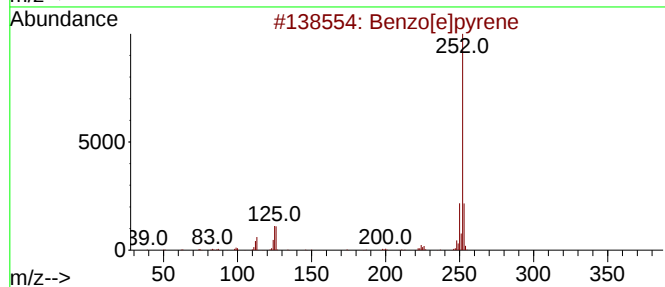
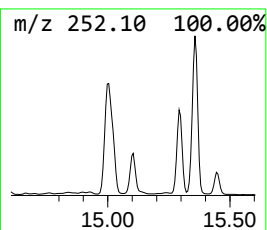
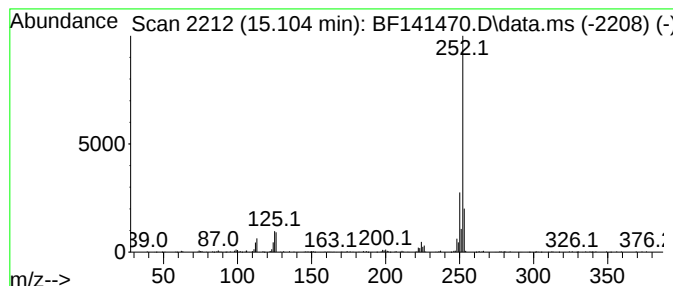
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.104	19.86 ng	253107	Perylene-d12	15.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141470.D
Acq On : 06 Feb 2025 01:26
Operator : RC/JU
Sample : Q1285-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11977

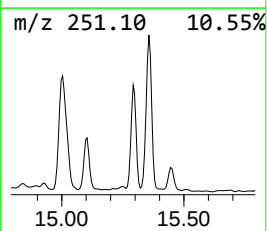
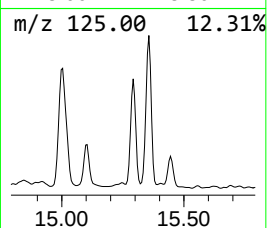
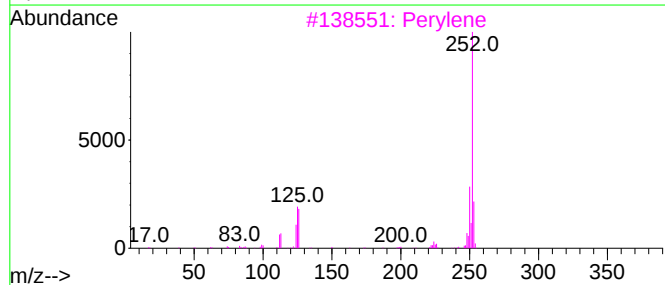
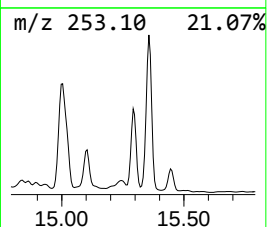
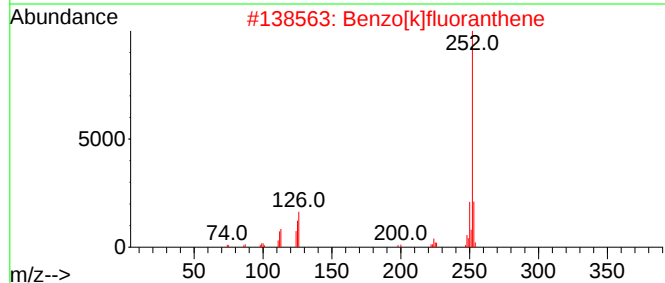
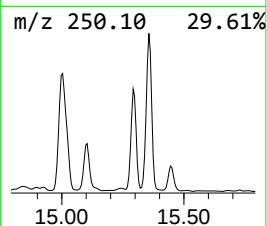
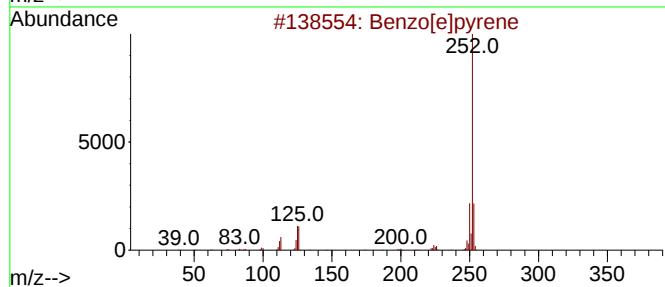
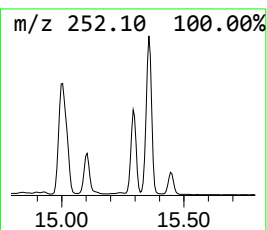
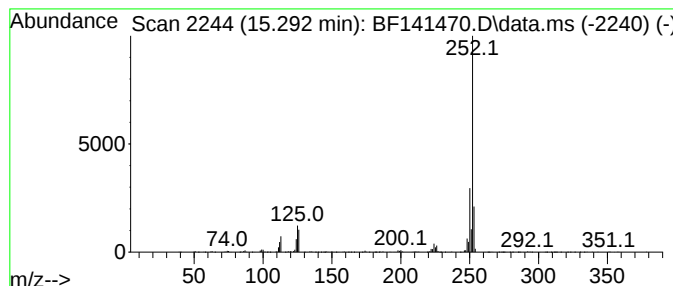
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	34.42 ng	438737	Perylene-d12	15.416

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141470.D
 Acq On : 06 Feb 2025 01:26
 Operator : RC/JU
 Sample : Q1285-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1,2,3-...	6.616	21.6	ng	433856	1	6.793	401789	20.0
Indane	6.969	49.7	ng	998296	1	6.793	401789	20.0
1-Propyne, 3-ph...	7.045	19.9	ng	399547	1	6.793	401789	20.0
o-Cymene	7.110	12.2	ng	245876	1	6.793	401789	20.0
Naphthalene, 1-...	9.351	48.7	ng	2701350	3	9.828	1109990	20.0
Naphthalene, 2,...	9.416	23.5	ng	1306290	3	9.828	1109990	20.0
Naphthalene, 2,...	9.492	34.1	ng	1891440	3	9.828	1109990	20.0
unknown9.516	9.516	16.7	ng	926477	3	9.828	1109990	20.0
Naphthalene, 1,...	9.604	18.4	ng	1021720	3	9.828	1109990	20.0
1,1'-Biphenyl, ...	10.139	12.7	ng	702731	3	9.828	1109990	20.0
1H-Phenylene	10.286	11.4	ng	630526	3	9.828	1109990	20.0
1-Isopropenylna...	10.439	16.4	ng	911100	3	9.828	1109990	20.0
6,8-Difluoroqui...	10.486	17.1	ng	950748	3	9.828	1109990	20.0
4H-Cyclopenta[d...	11.939	7.6	ng	3156300	4	11.322	8290680	20.0
Pyrene, 1-methyl-	13.092	13.3	ng	1348530	5	13.963	2022880	20.0
11H-Benzo[b]flu...	13.157	8.0	ng	810290	5	13.963	2022880	20.0
11H-Benzo[a]flu...	13.322	7.5	ng	757720	5	13.963	2022880	20.0
Benzo[e]pyrene	15.104	19.9	ng	253107	6	15.416	254955	20.0
Perylene	15.292	34.4	ng	438737	6	15.416	254955	20.0