

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134252.D
 Acq On : 12 Jul 2023 18:05
 Operator : CG\JU
 Sample : 03555-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-369

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134252.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	992473	1074827	26.28%	2.172%
2	5.081	502	509	524	rVB2	69264	113679	2.78%	0.230%
3	5.475	573	576	586	rVB	1890751	1801841	44.06%	3.641%
4	6.481	743	747	750	rBV	2006247	1860840	45.50%	3.760%
5	6.845	806	809	815	rVB	651286	566132	13.84%	1.144%
6	7.404	901	904	907	rBV	1304166	1266242	30.96%	2.558%
7	8.122	1023	1026	1028	rVV	941917	757256	18.52%	1.530%
8	8.145	1028	1030	1033	rVV	645003	503233	12.31%	1.017%
9	8.539	1093	1097	1100	rBV	109182	89241	2.18%	0.180%
10	8.710	1123	1126	1130	rBV	100712	83501	2.04%	0.169%
11	8.833	1145	1147	1151	rBV	342633	294547	7.20%	0.595%
12	8.933	1161	1164	1167	rBV	176645	133384	3.26%	0.270%
13	9.198	1205	1209	1213	rBV	2609286	2321963	56.78%	4.692%
14	9.275	1219	1222	1224	rBV	100043	83228	2.04%	0.168%
15	9.298	1224	1226	1230	rVB	148312	116243	2.84%	0.235%
16	9.469	1250	1255	1259	rVB2	103166	136456	3.34%	0.276%
17	9.539	1264	1267	1269	rVV	138156	139509	3.41%	0.282%
18	9.563	1269	1271	1273	rVV	101056	91793	2.24%	0.185%
19	9.598	1274	1277	1279	rVV2	88179	80266	1.96%	0.162%
20	9.739	1299	1301	1305	rBV	144033	124935	3.06%	0.252%
21	9.810	1310	1313	1316	rVB	104501	80145	1.96%	0.162%
22	9.880	1322	1325	1328	rVB	919104	718331	17.57%	1.451%
23	9.916	1328	1331	1334	rVB	481968	421498	10.31%	0.852%
24	10.039	1347	1352	1356	rBV2	72249	103264	2.53%	0.209%
25	10.086	1356	1360	1364	rVV	591116	513664	12.56%	1.038%
26	10.122	1364	1366	1371	rVB3	67205	77303	1.89%	0.156%
27	10.198	1376	1379	1382	rBV	76803	76299	1.87%	0.154%
28	10.310	1396	1398	1401	rVB2	140130	99536	2.43%	0.201%
29	10.433	1415	1419	1425	rBV	296645	321823	7.87%	0.650%
30	10.498	1425	1430	1432	rBV	69495	88695	2.17%	0.179%
31	10.598	1443	1447	1450	rVB3	227696	259350	6.34%	0.524%
32	10.674	1456	1460	1466	rBV	1384074	1242485	30.38%	2.510%
33	10.798	1476	1481	1488	rBV3	230376	322973	7.90%	0.653%
34	10.980	1506	1512	1515	rBV3	81339	119084	2.91%	0.241%
35	11.110	1529	1534	1536	rBV3	92654	113813	2.78%	0.230%
36	11.133	1536	1538	1543	rVV	117183	136905	3.35%	0.277%

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Integration Parameters: rteint.p
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 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-BF062623.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.180	1543	1546	1550	rVV	266970	257264	6.29%	0.520%
38	11.233	1550	1555	1558	rVV2	161500	241610	5.91%	0.488%
39	11.269	1558	1561	1566	rVB2	180018	197293	4.82%	0.399%
40	11.380	1576	1580	1581	rBV	667169	659221	16.12%	1.332%
41	11.404	1581	1584	1587	rVV	2000041	1681789	41.12%	3.398%
42	11.457	1589	1593	1595	rVV	960095	917752	22.44%	1.854%
43	11.480	1595	1597	1601	rVV2	74087	106427	2.60%	0.215%
44	11.557	1604	1610	1613	rVV4	53819	94153	2.30%	0.190%
45	11.610	1615	1619	1626	rVV2	163489	277864	6.79%	0.561%
46	11.669	1626	1629	1634	rVV3	174119	198879	4.86%	0.402%
47	11.710	1634	1636	1641	rVB4	77991	92886	2.27%	0.188%
48	11.880	1662	1665	1667	rBV	226805	183788	4.49%	0.371%
49	11.910	1667	1670	1674	rVV	565502	507106	12.40%	1.025%
50	11.957	1675	1678	1681	rVV	129134	118875	2.91%	0.240%
51	11.992	1681	1684	1687	rVV	486522	532828	13.03%	1.077%
52	12.016	1687	1688	1692	rVB	184434	108566	2.65%	0.219%
53	12.074	1694	1698	1703	rBV3	101350	161614	3.95%	0.327%
54	12.180	1713	1716	1718	rBV	245885	210272	5.14%	0.425%
55	12.210	1718	1721	1725	rVB	315350	270023	6.60%	0.546%
56	12.433	1756	1759	1762	rBV	184029	192093	4.70%	0.388%
57	12.468	1762	1765	1768	rVV3	167385	170597	4.17%	0.345%
58	12.527	1772	1775	1779	rBV	400046	374144	9.15%	0.756%
59	12.610	1783	1789	1792	rBV	3967273	4089514	100.00%	8.263%
60	12.698	1801	1804	1807	rBV	92076	82101	2.01%	0.166%
61	12.751	1809	1813	1817	rVB3	156777	183668	4.49%	0.371%
62	12.839	1821	1828	1831	rBV2	3254321	3750745	91.72%	7.579%
63	12.880	1832	1835	1840	rVB2	179236	203841	4.98%	0.412%
64	12.951	1844	1847	1848	rBV	237142	210247	5.14%	0.425%
65	12.974	1848	1851	1858	rVB	1863954	1773648	43.37%	3.584%
66	13.051	1859	1864	1868	rBV4	259320	430112	10.52%	0.869%
67	13.133	1875	1878	1880	rBV3	215024	261521	6.39%	0.528%
68	13.157	1880	1882	1886	rVB	365028	403485	9.87%	0.815%
69	13.204	1886	1890	1892	rBV4	95982	132052	3.23%	0.267%
70	13.227	1892	1894	1896	rBV	163796	128810	3.15%	0.260%
71	13.263	1896	1900	1903	rBV2	302036	334499	8.18%	0.676%
72	13.357	1913	1916	1919	rBV	172232	168462	4.12%	0.340%
73	13.392	1919	1922	1925	rBV2	159224	182520	4.46%	0.369%
74	13.674	1967	1970	1974	rVB	412197	387731	9.48%	0.783%
75	13.786	1986	1989	1991	rBV	367309	329828	8.07%	0.666%
76	13.815	1991	1994	1996	rVV	245263	230418	5.63%	0.466%

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Stop Thrs : 0

Peak Location: TOP

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

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77	13.839	1996	1998	2003	rVV2	288640	353539	8.65%	0.714%
78	13.886	2003	2006	2009	rVB	378016	349328	8.54%	0.706%
79	13.921	2009	2012	2014	rBV	115702	112871	2.76%	0.228%
80	14.033	2024	2031	2035	rBV2	1604096	2550760	62.37%	5.154%
81	14.068	2035	2037	2045	rVV	1672161	1743862	42.64%	3.524%
82	14.145	2048	2050	2052	rVV	171879	139591	3.41%	0.282%
83	14.198	2056	2059	2064	rVV5	103904	208624	5.10%	0.422%
84	14.257	2067	2069	2070	rVV	119523	98946	2.42%	0.200%
85	14.304	2074	2077	2079	rBV2	90148	85489	2.09%	0.173%
86	14.392	2090	2092	2094	rBV2	75412	77737	1.90%	0.157%
87	14.427	2096	2098	2101	rVV	252802	241663	5.91%	0.488%
88	14.462	2101	2104	2108	rVV2	129701	152456	3.73%	0.308%
89	14.557	2117	2120	2121	rBV	169416	154228	3.77%	0.312%
90	14.751	2150	2153	2155	rBV	101640	97243	2.38%	0.196%
91	14.827	2163	2166	2169	rBV2	58268	78634	1.92%	0.159%
92	14.933	2181	2184	2192	rVB4	113897	209474	5.12%	0.423%
93	15.109	2208	2214	2217	rBV	1199812	2013510	49.24%	4.068%
94	15.215	2229	2232	2236	rBV	185686	194215	4.75%	0.392%
95	15.421	2263	2267	2273	rVB	639721	841352	20.57%	1.700%
96	15.486	2273	2278	2284	rVV	750558	923965	22.59%	1.867%
97	15.551	2284	2289	2291	rVV	326754	441500	10.80%	0.892%
98	15.580	2291	2294	2301	rVB2	243646	365205	8.93%	0.738%
99	17.092	2546	2551	2557	rBV2	244711	493378	12.06%	0.997%
100	17.562	2626	2631	2640	rVB	180297	391762	9.58%	0.792%

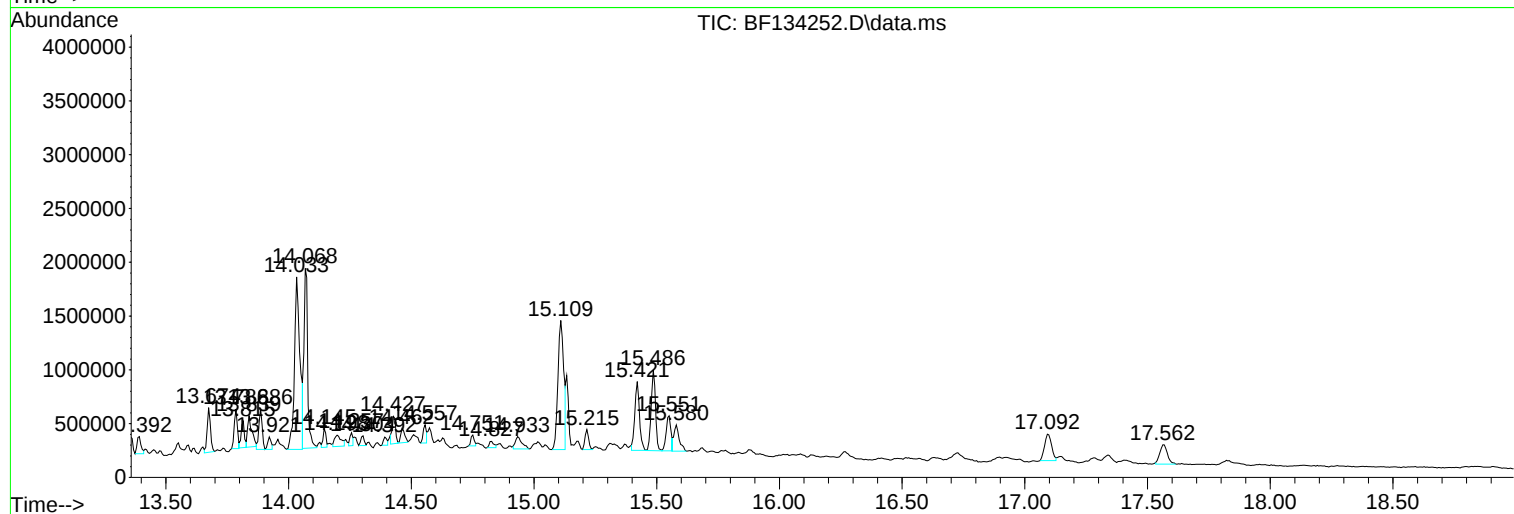
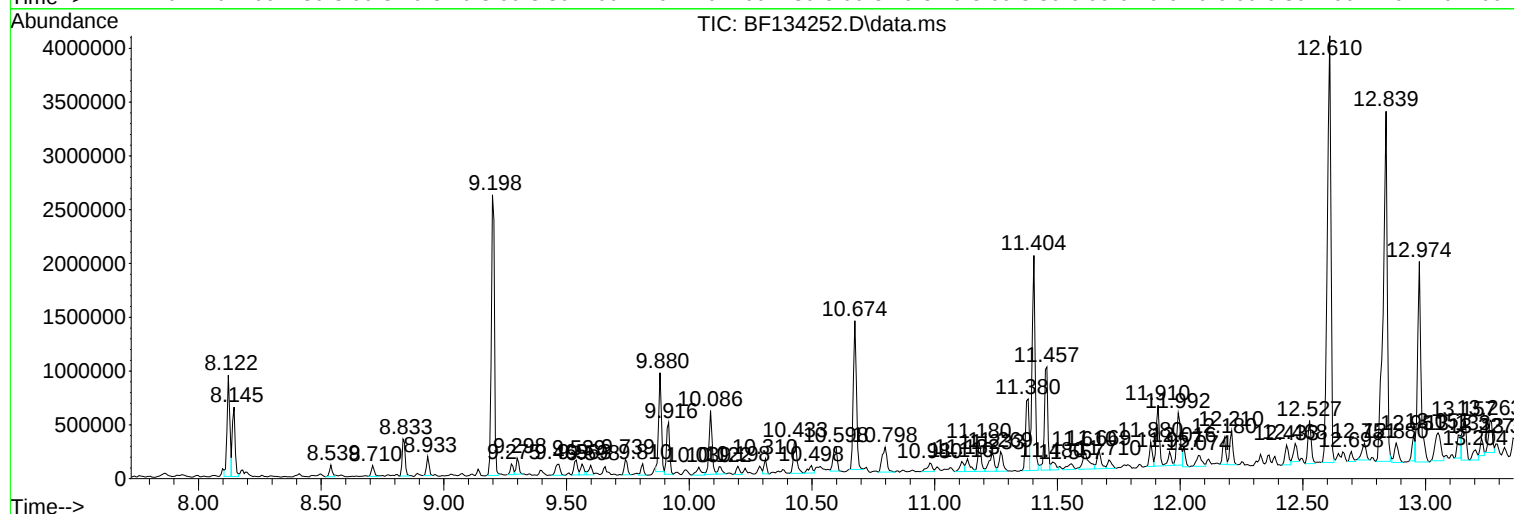
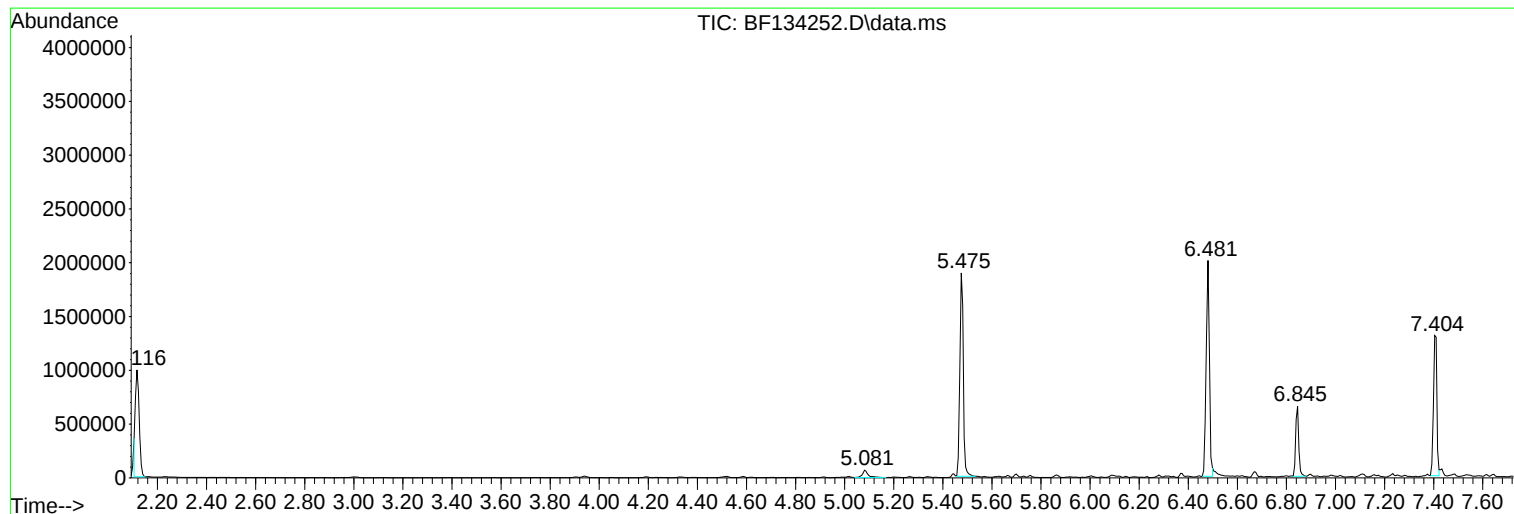
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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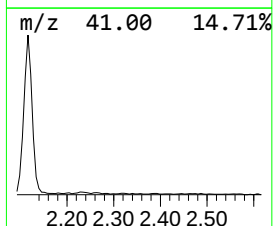
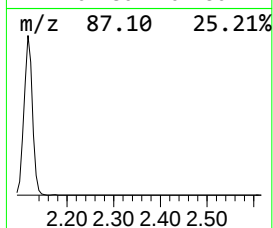
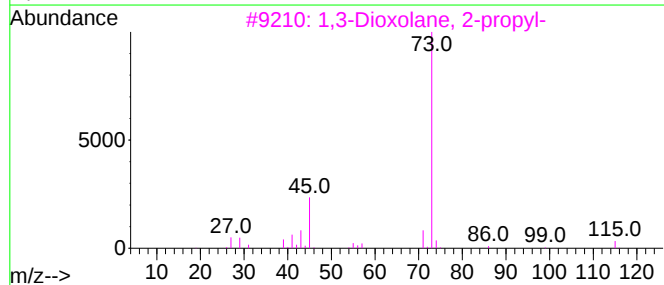
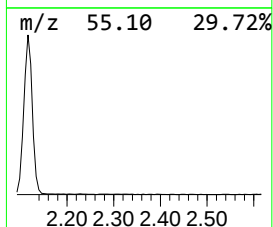
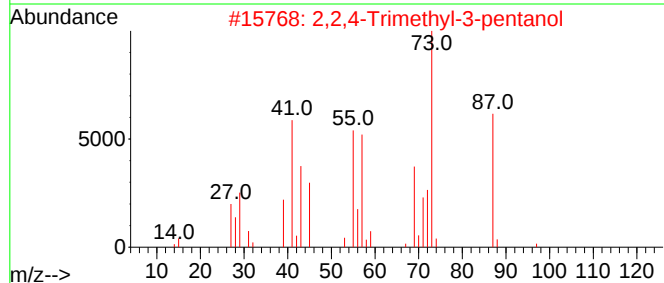
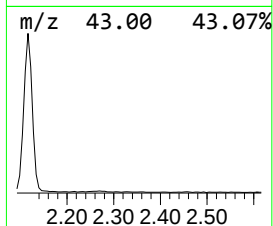
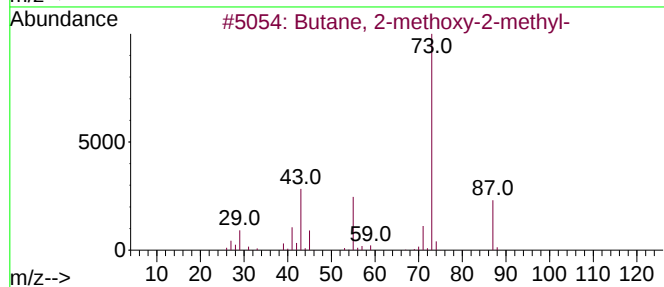
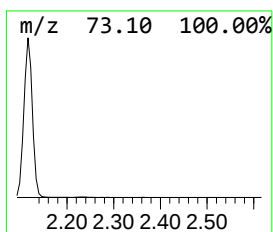
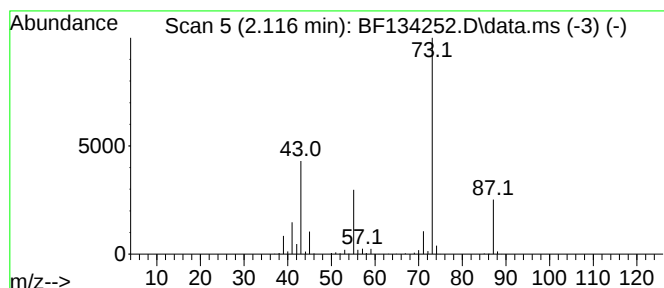
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	37.97 ng	1074830	1,4-Dichlorobenzene-d4	6.845

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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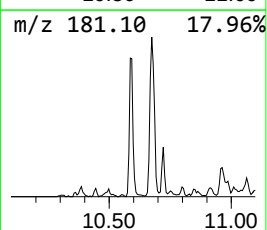
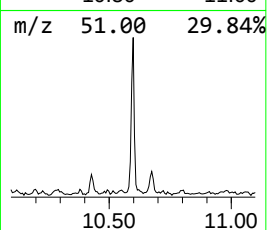
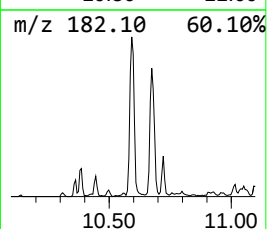
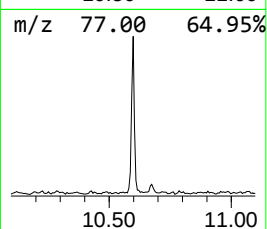
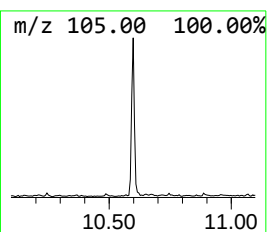
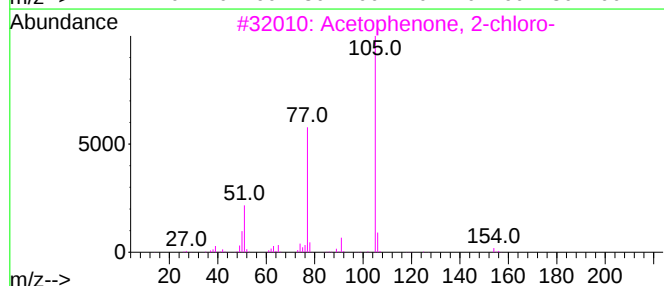
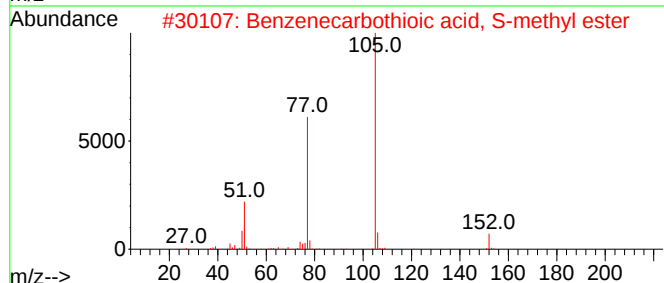
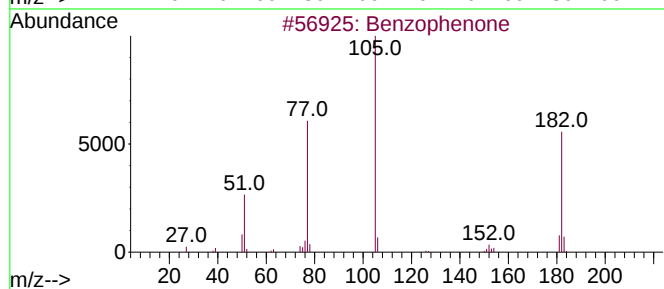
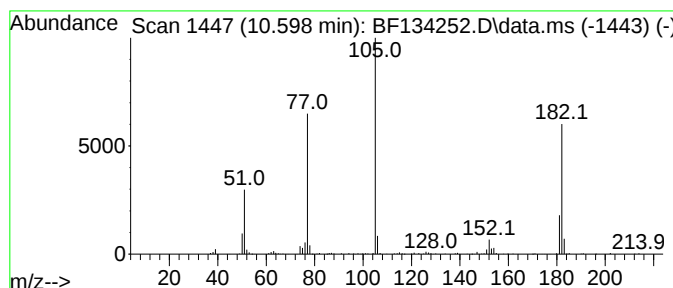
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.598	7.22 ng	259350	Acenaphthene-d10	9.880	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	49
5	Benzenamine, N-(4-pyridinylmethy...	182	C12H10N2	027768-46-3	49



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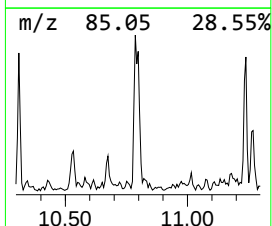
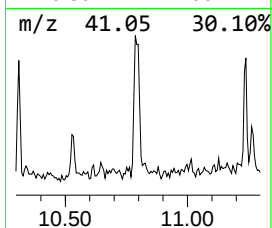
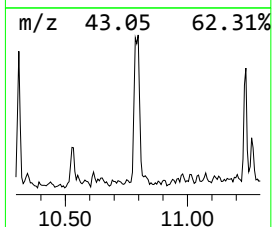
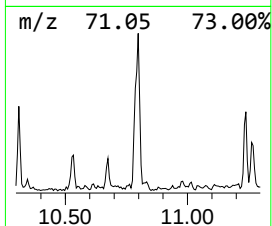
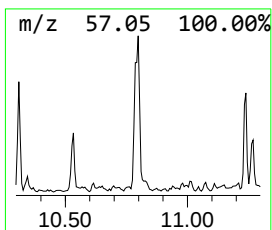
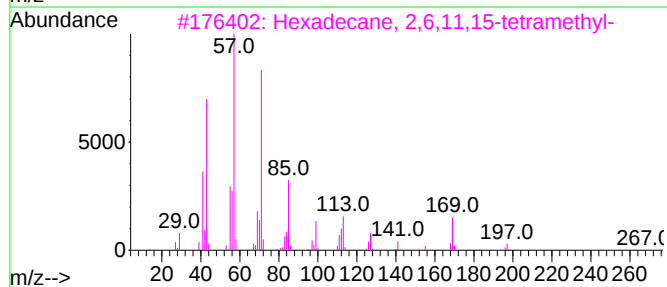
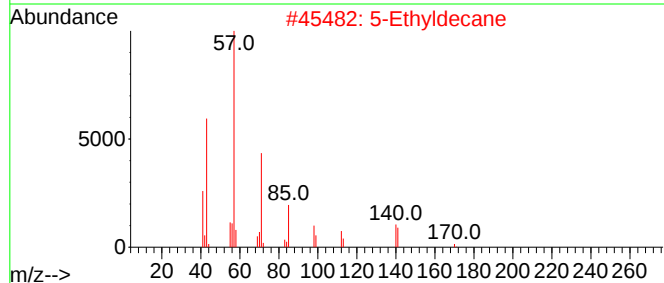
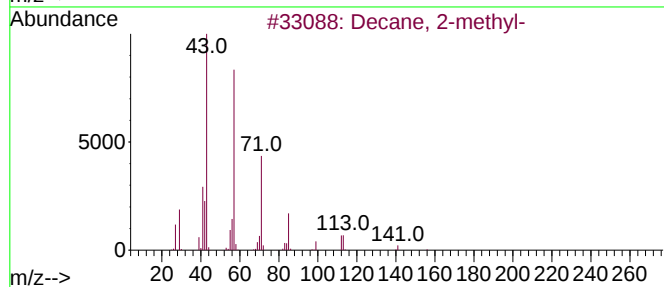
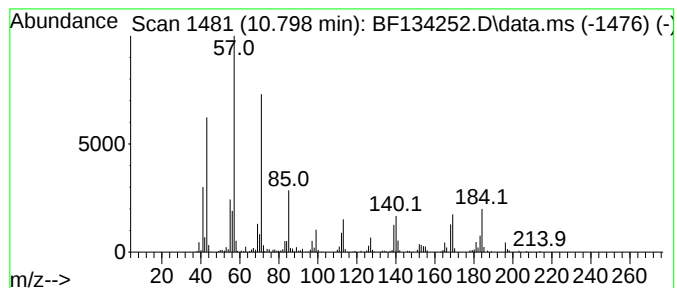
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	9.80 ng	322973	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	55
2			5-Ethyldecane	170	C12H26	017302-36-2	55
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53
4			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
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Instrument :
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ClientSampleId :
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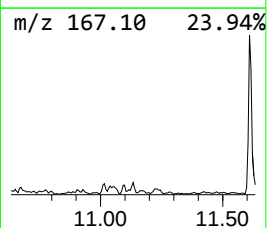
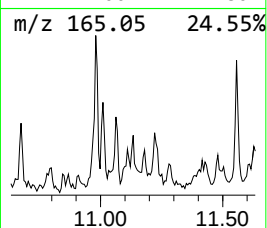
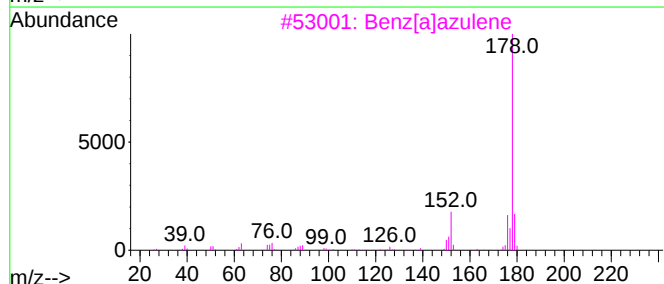
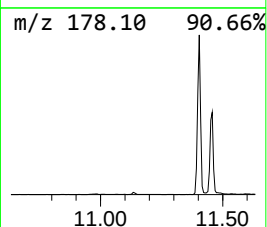
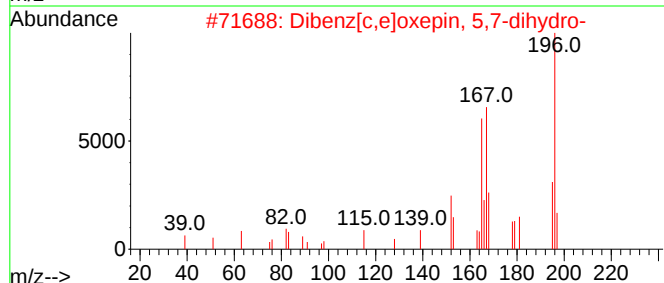
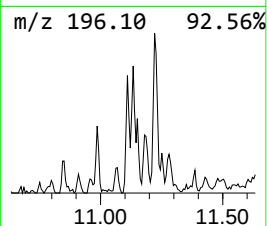
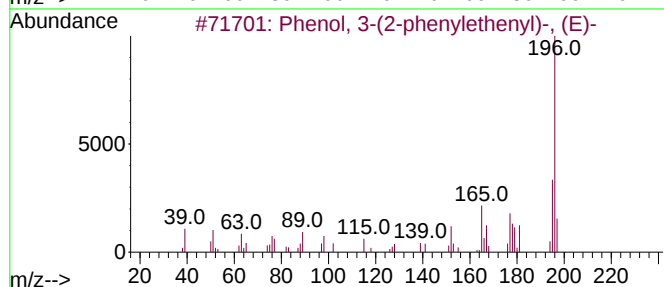
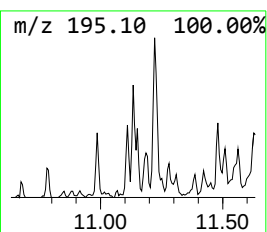
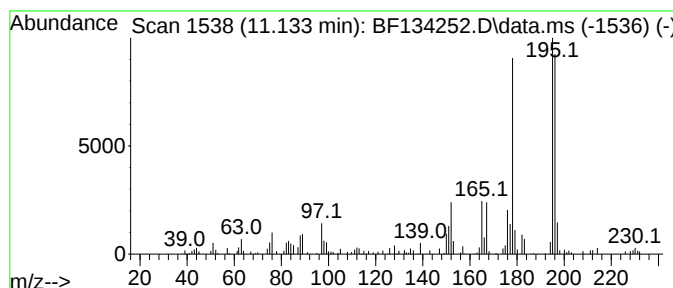
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 3-(2-phenylethenyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	4.15 ng	136905	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	64
3			Benz[a]azulene	178	C14H10	000246-02-6	60
4			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	60
5			Anthracene	178	C14H10	000120-12-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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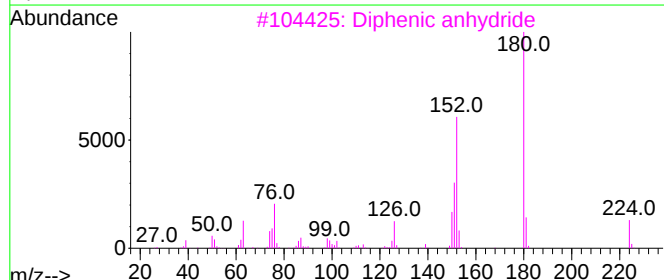
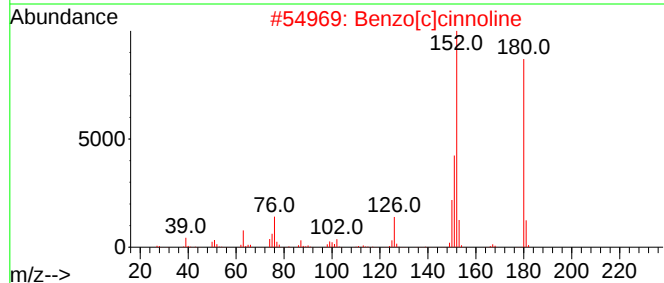
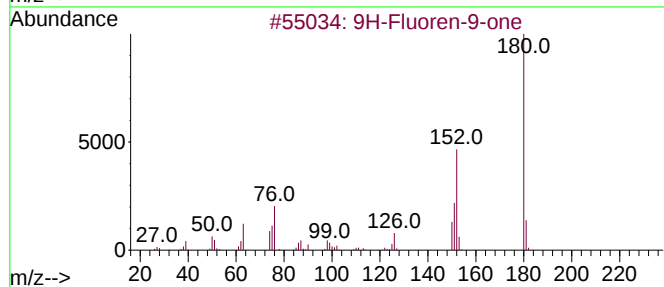
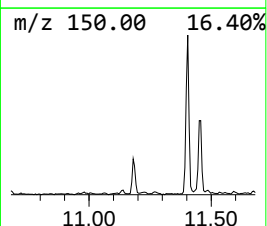
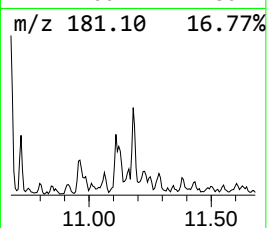
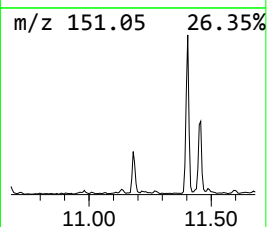
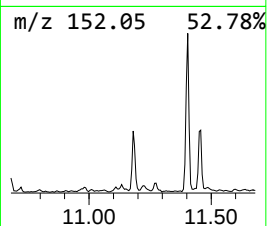
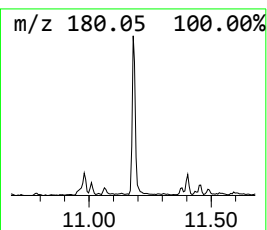
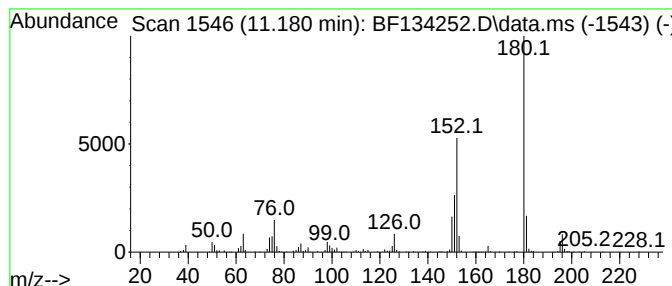
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.180	7.81 ng	257264	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
3			Diphenic anhydride	224	C14H8O3	006050-13-1	91
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
5			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
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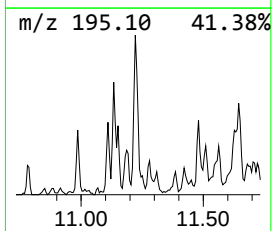
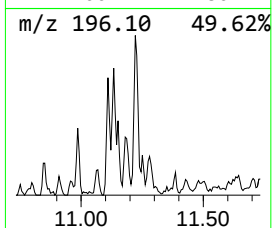
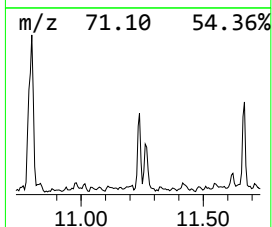
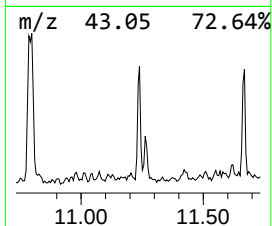
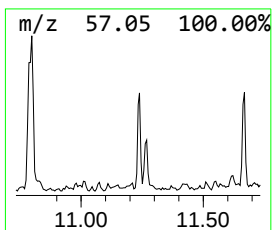
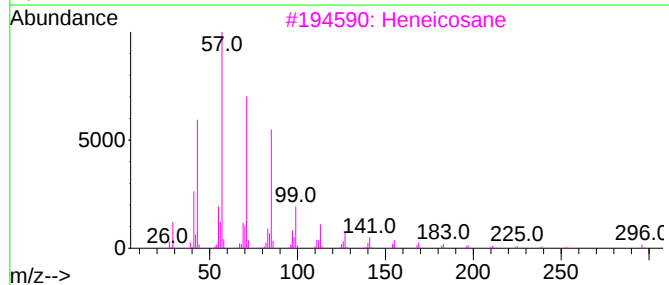
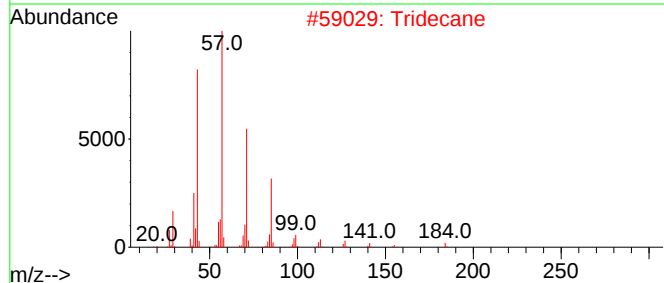
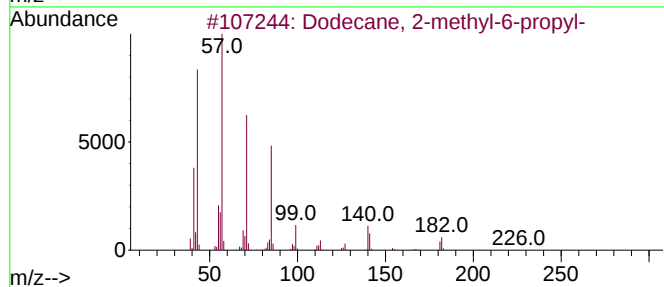
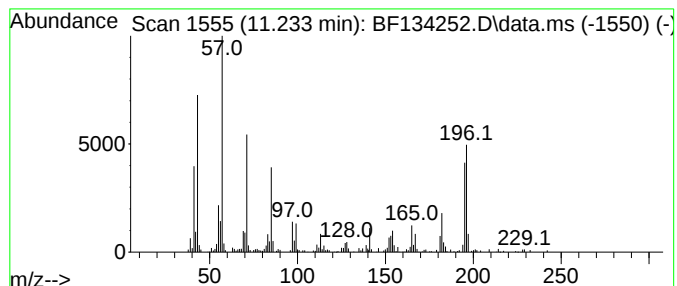
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.233 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	7.33 ng	241610	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
2		Tridecane	184	C13H28	000629-50-5	42
3		Heneicosane	296	C21H44	000629-94-7	41
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	38
5		Tetracosane	338	C24H50	000646-31-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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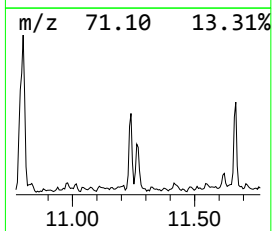
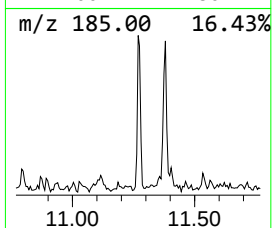
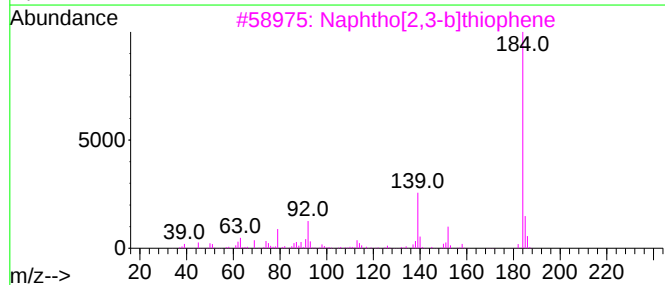
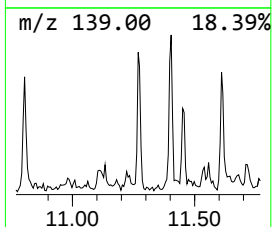
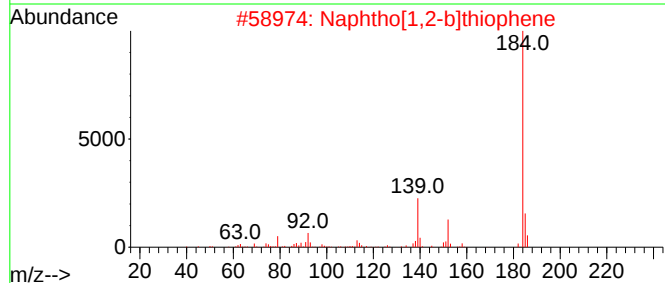
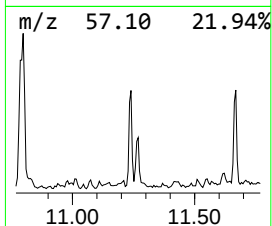
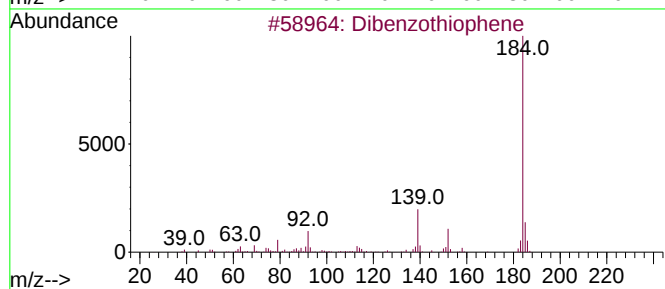
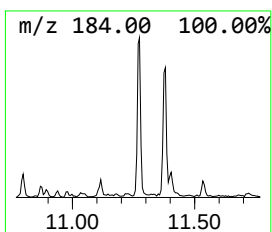
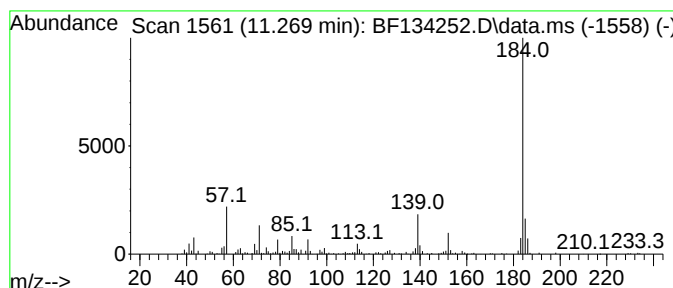
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.269	5.99 ng	197293	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene		184	C12H8S	000234-41-3	94
3	Naphtho[2,3-b]thiophene		184	C12H8S	000268-77-9	94
4	Naphtho[2,1-b]thiophene		184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene		184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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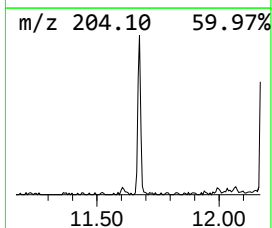
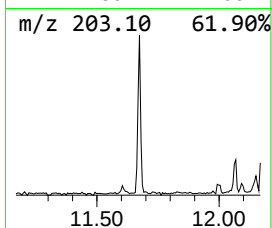
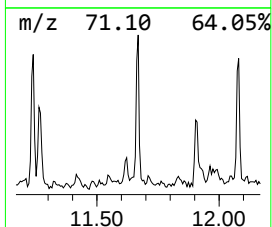
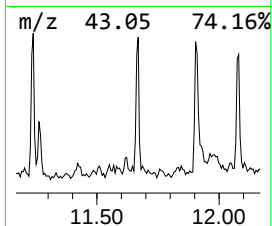
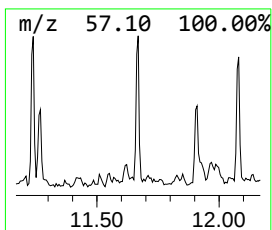
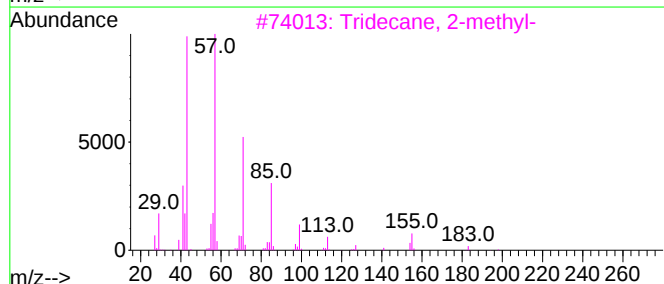
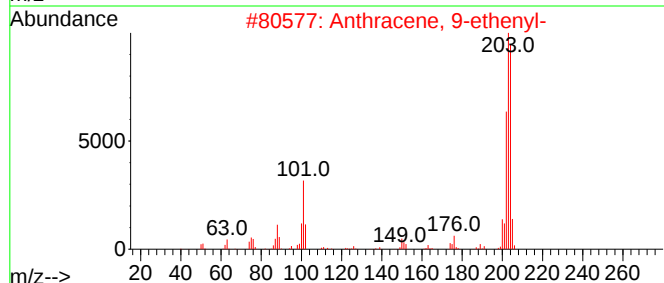
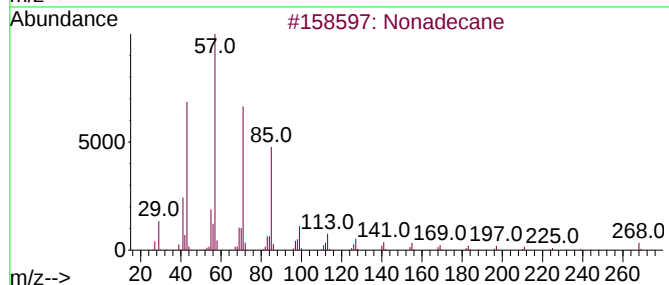
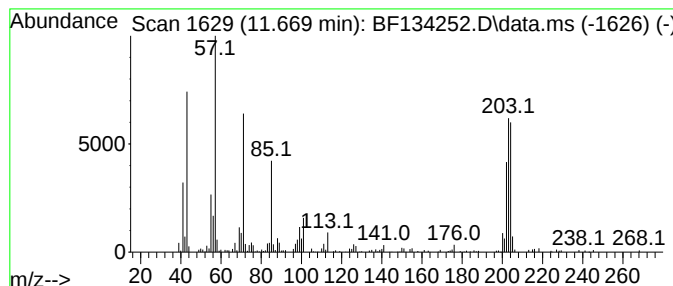
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	6.03 ng	198879	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	89
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	47
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	41
4			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	38
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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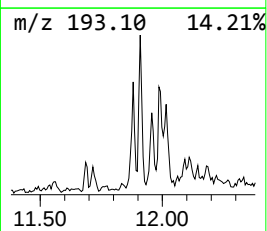
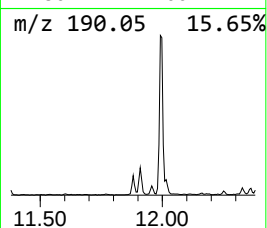
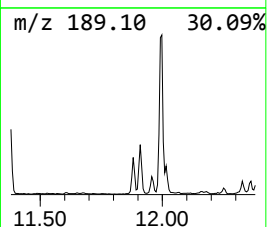
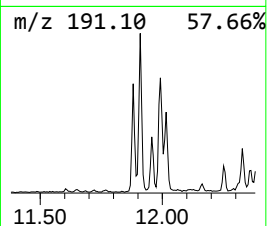
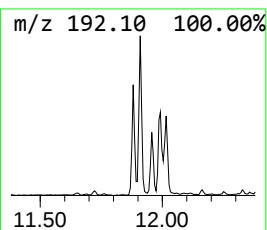
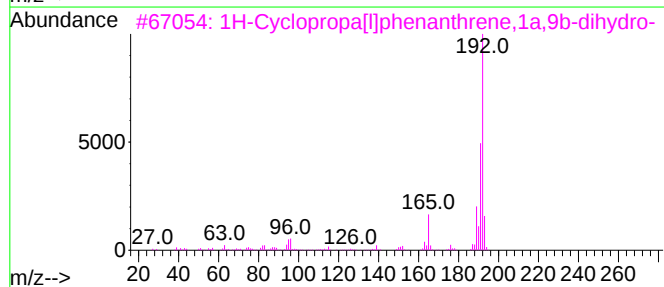
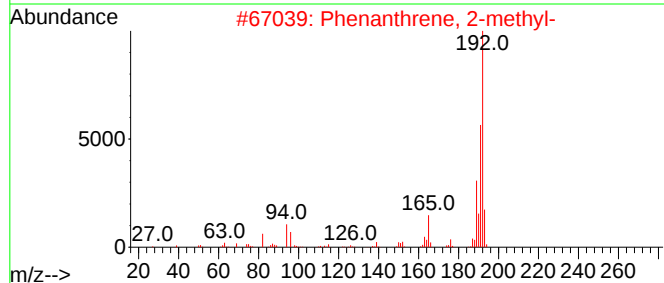
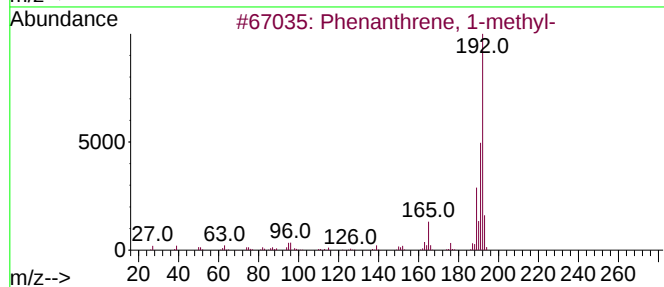
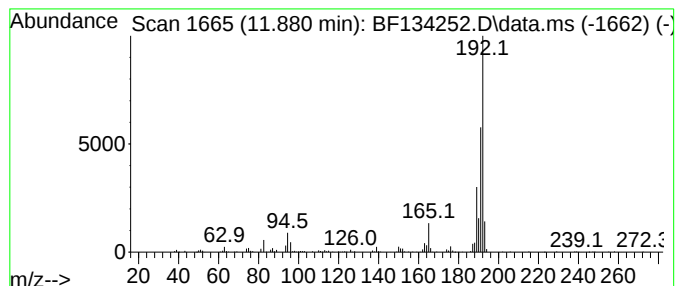
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	5.58 ng	183788	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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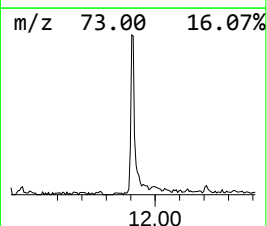
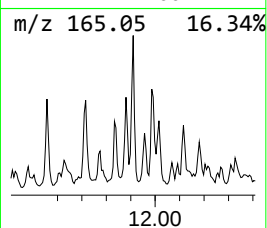
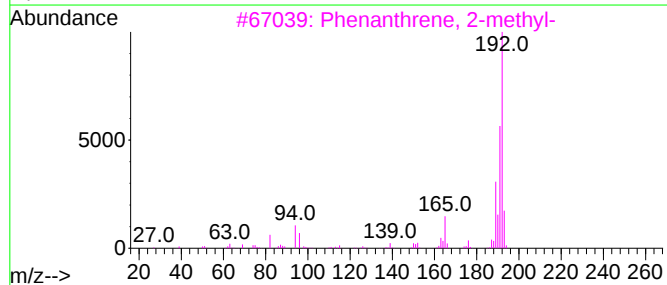
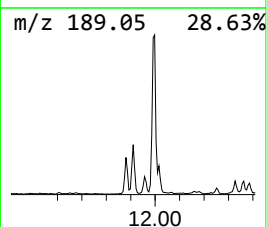
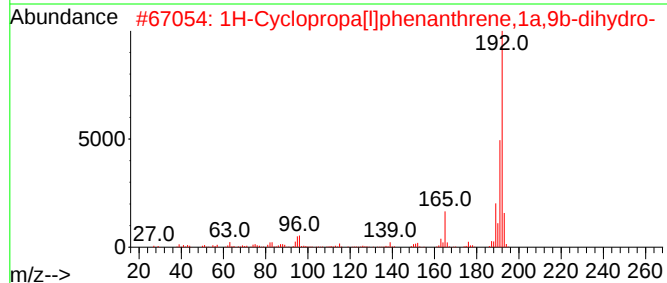
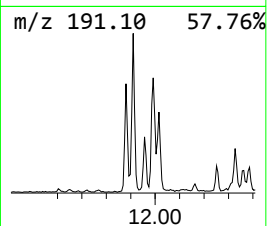
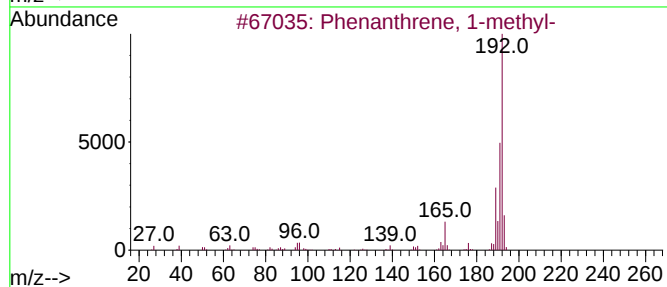
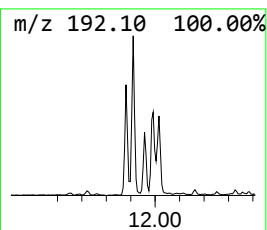
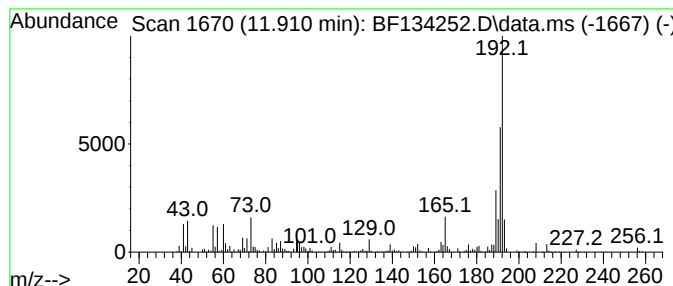
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	15.39 ng	507106	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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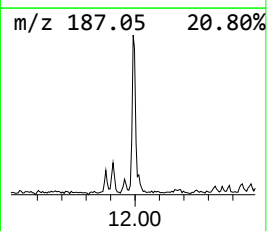
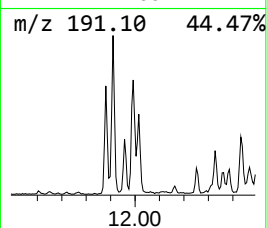
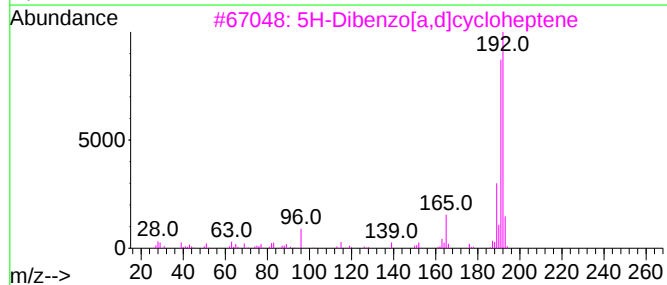
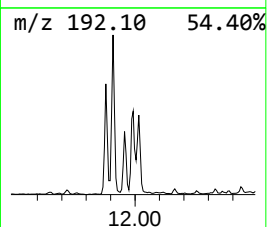
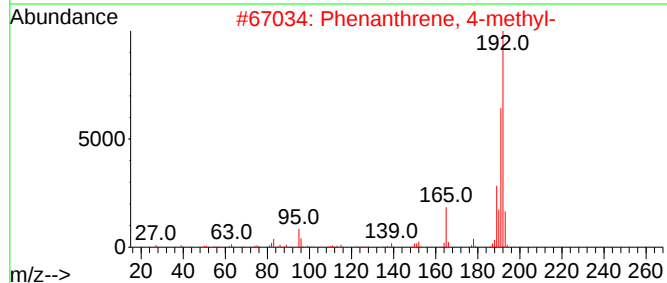
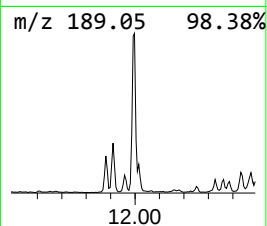
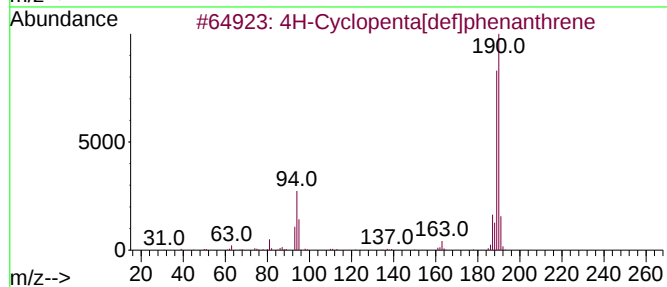
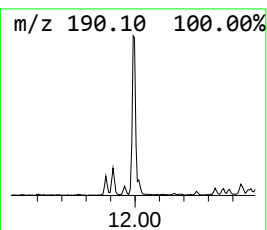
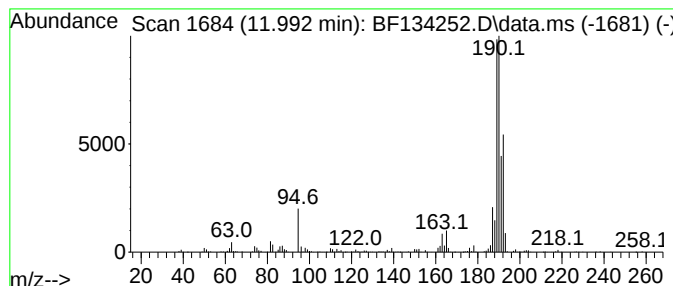
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	16.17 ng	532828	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
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Sample : 03555-05
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Instrument :
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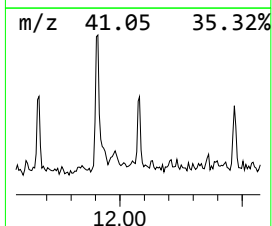
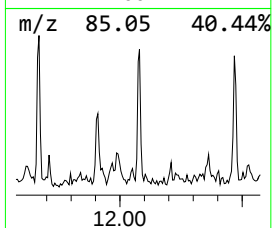
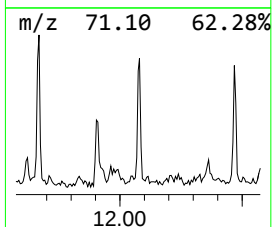
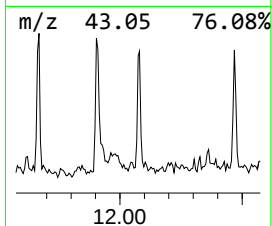
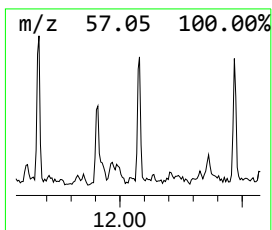
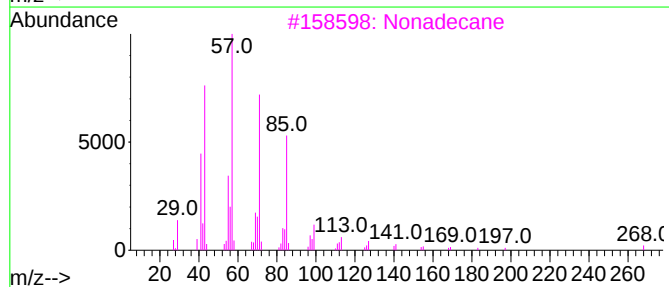
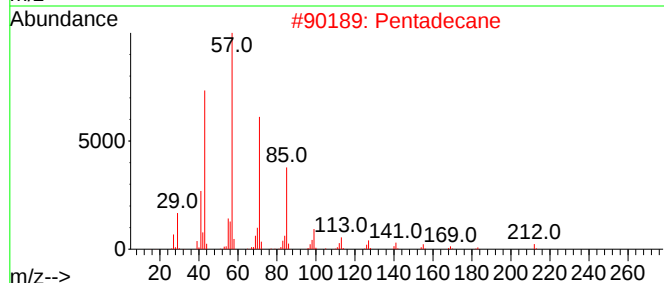
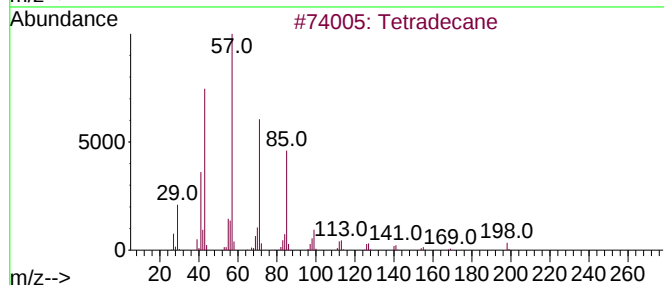
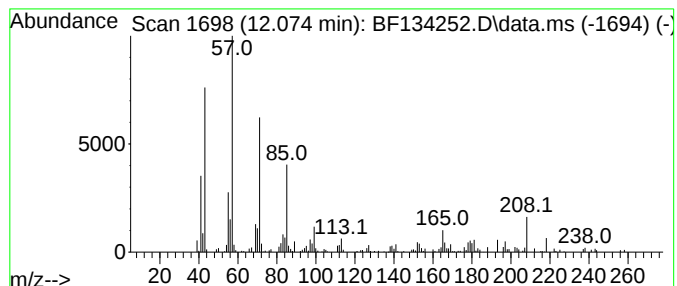
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	4.90 ng	161614	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Pentadecane	212	C15H32	000629-62-9	93
3		Nonadecane	268	C19H40	000629-92-5	76
4		10-Methylnonadecane	282	C20H42	056862-62-5	76
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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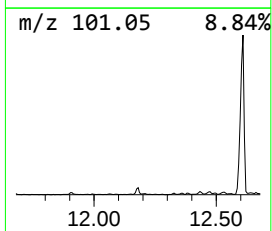
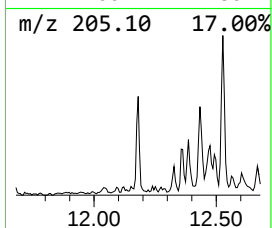
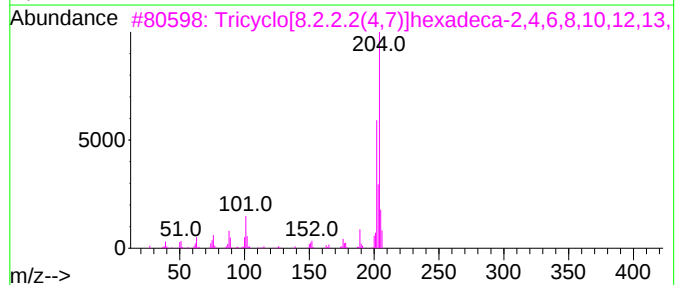
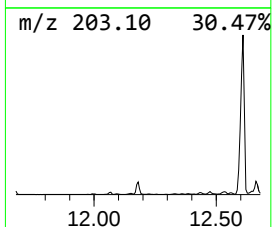
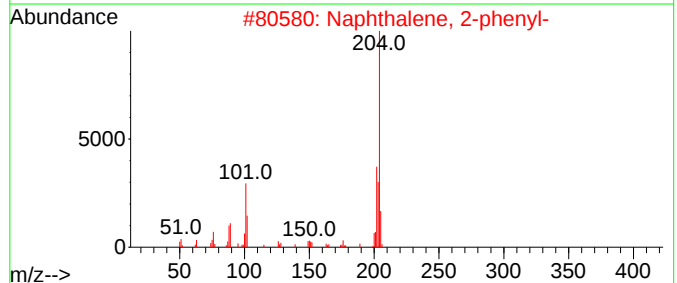
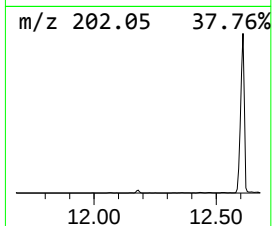
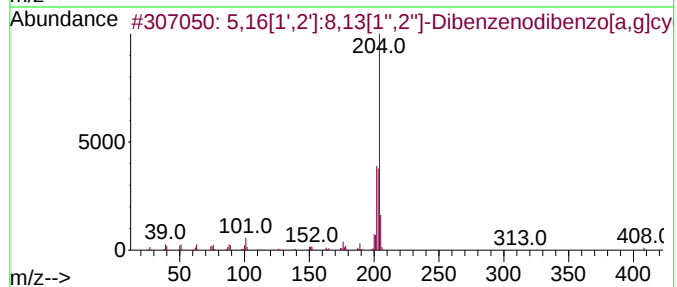
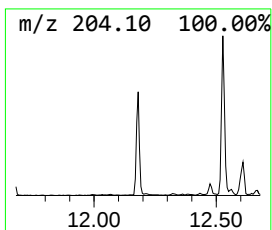
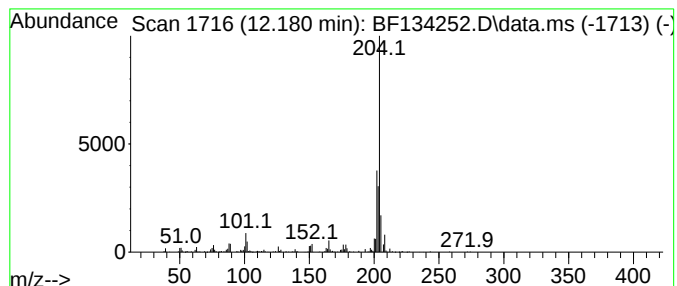
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	6.38 ng	210272	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76	
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76	
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52	
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
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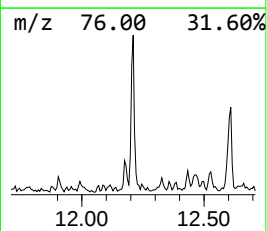
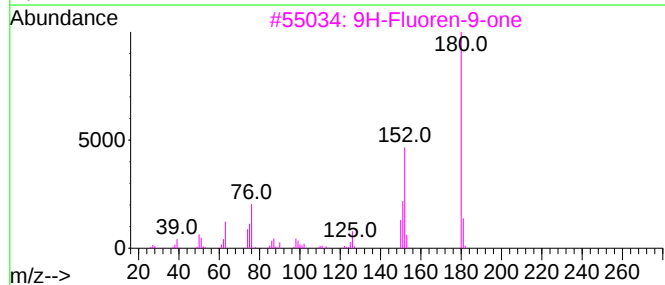
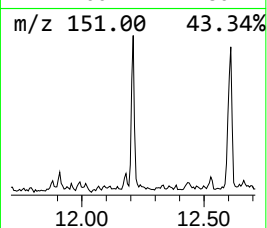
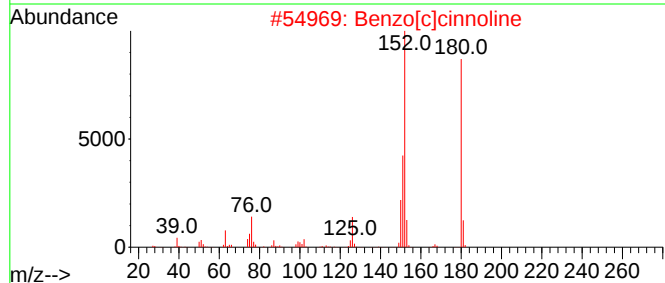
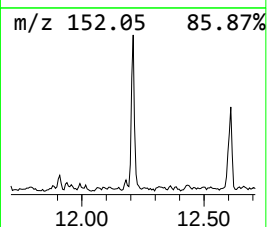
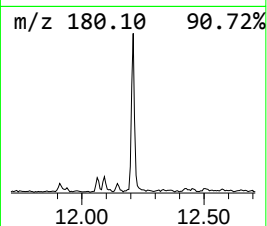
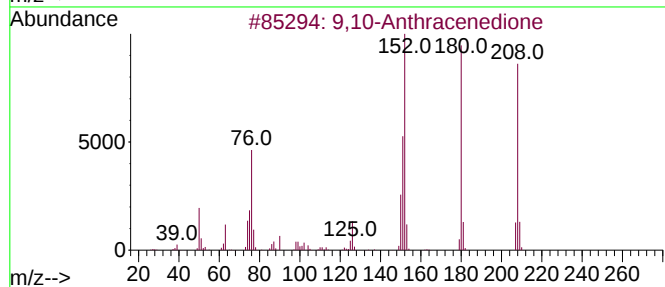
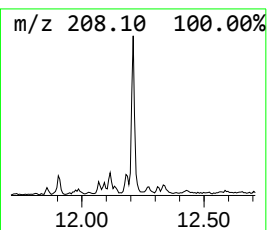
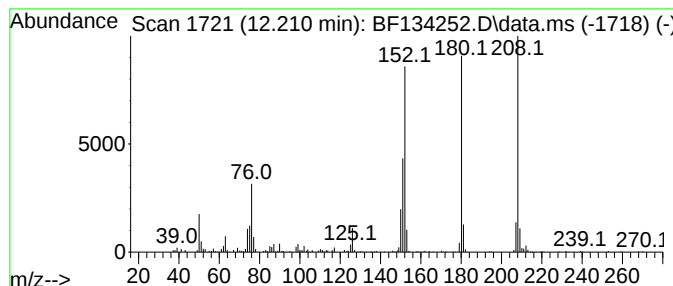
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	8.19 ng	270023	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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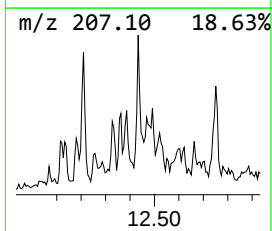
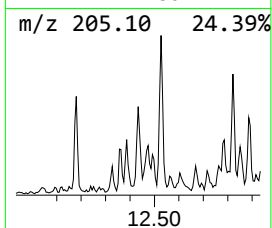
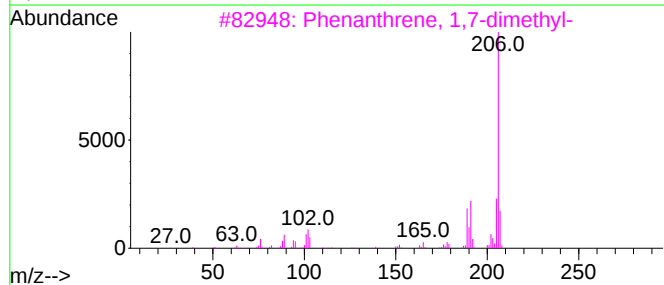
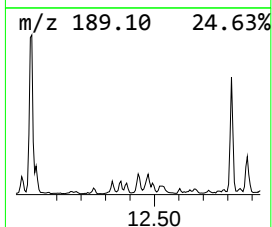
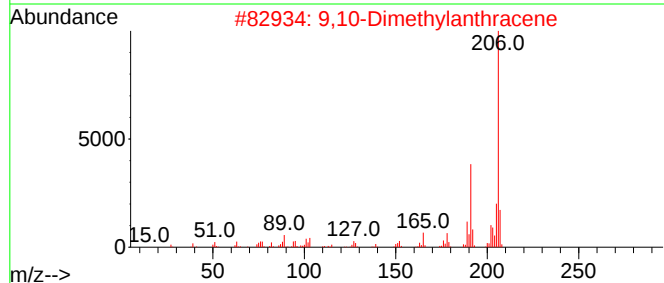
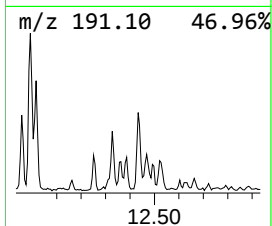
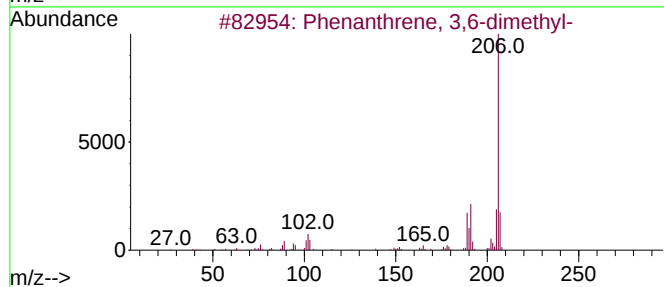
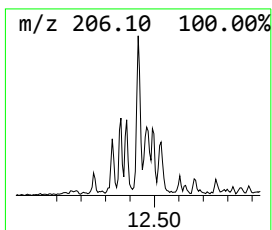
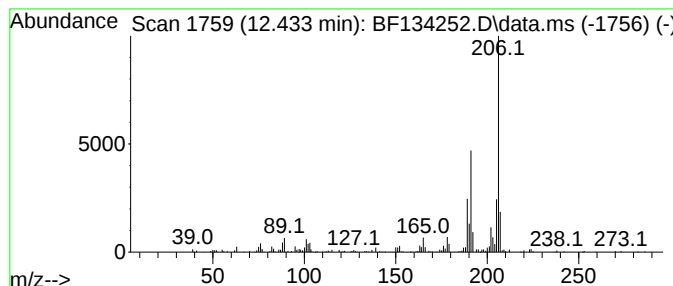
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.433	5.83 ng	192093	Phenanthrene-d10		11.380	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91
2	9,10-Dimethylanthracene		206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
4	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	90
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
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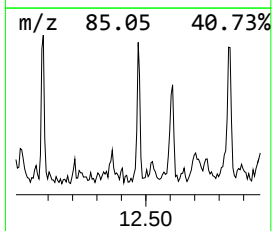
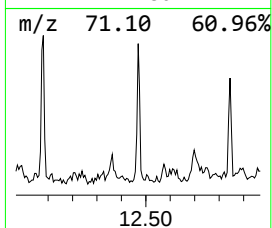
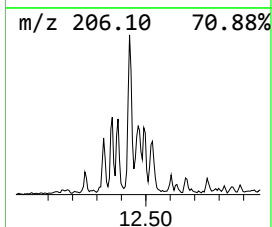
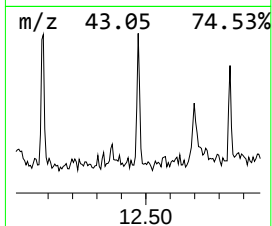
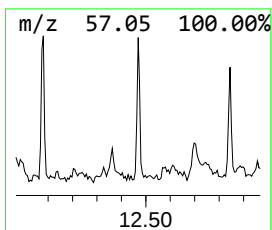
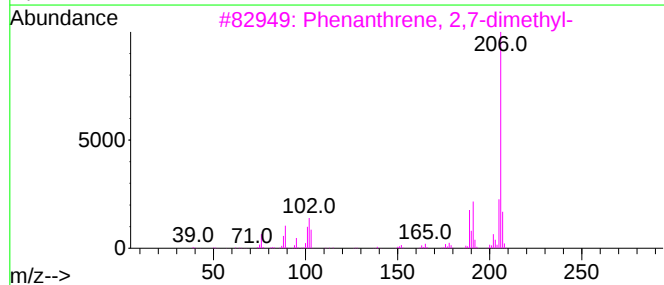
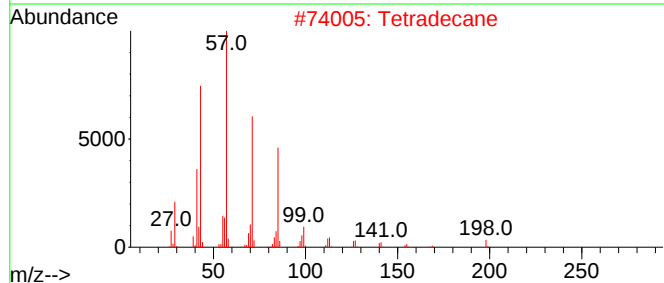
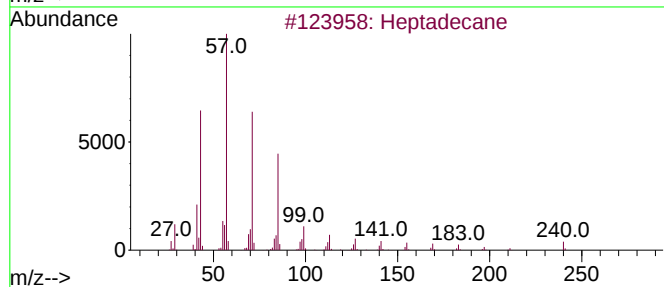
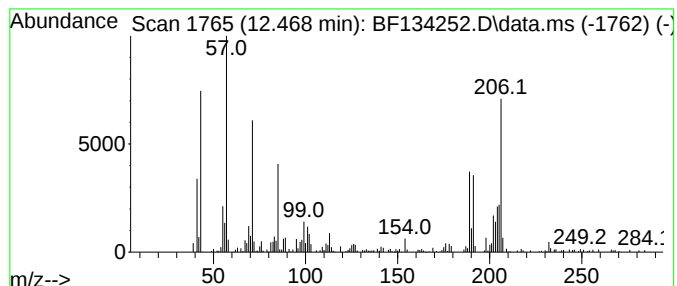
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	5.18 ng	170597	Phenanthrene-d10	11.380

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	78
2		Tetradecane	198	C14H30	000629-59-4	74
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
4		Octadecane	254	C18H38	000593-45-3	38
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

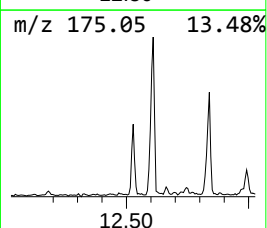
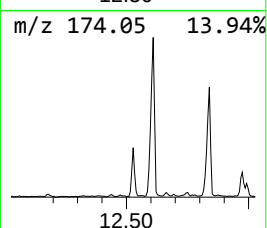
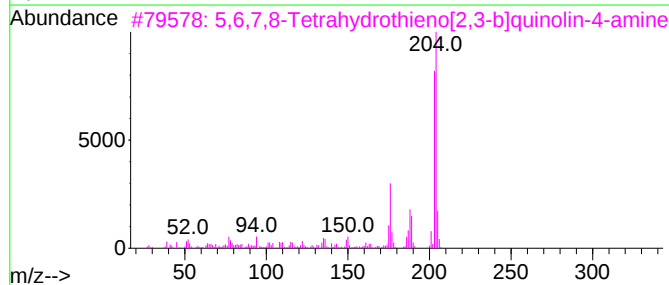
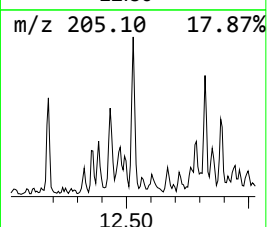
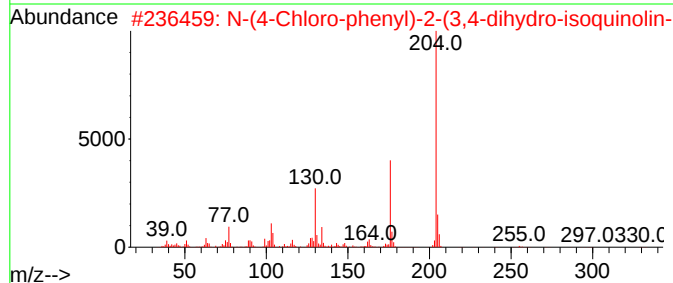
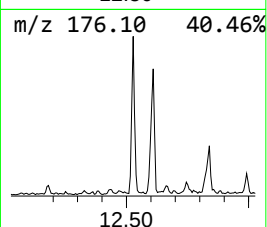
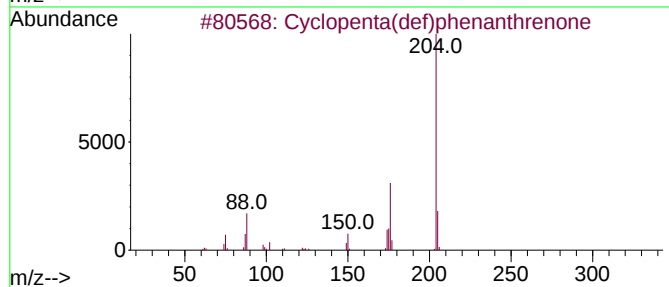
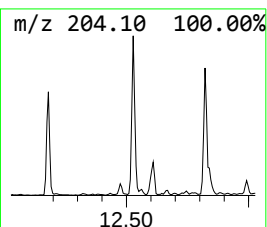
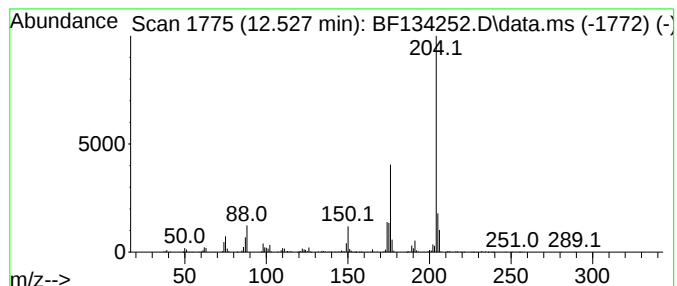
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	11.35 ng	374144	Phenanthrene-d10	11.380
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta(def)phenanthrenone	204 C15H8O	005737-13-3 94
2		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330 C17H15ClN2OS	1010296-34-3 53
3		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204 C11H12N2S	122914-50-5 50
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204 C14H8N2	004341-02-0 47
5		Ethyl .alpha.-D-glucopyranoside,...	496 C20H48O6Si4	1000365-90-0 43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-369

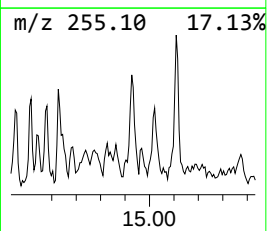
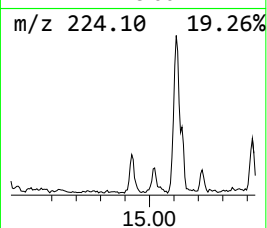
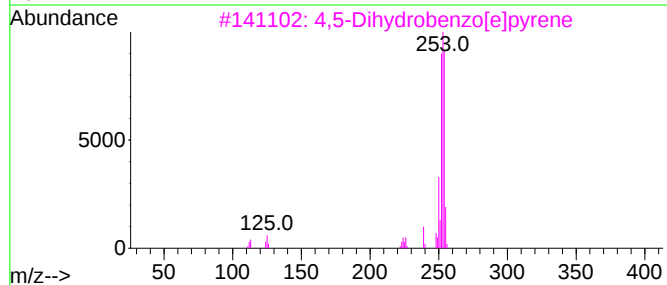
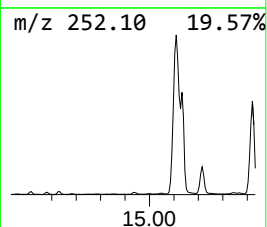
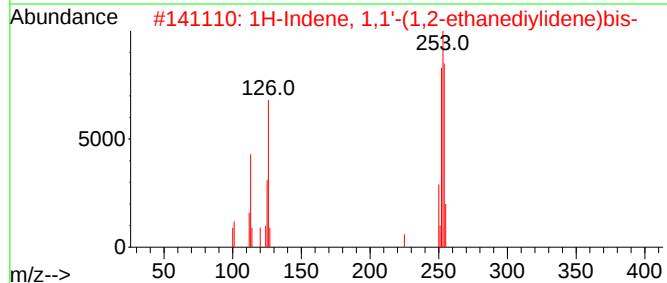
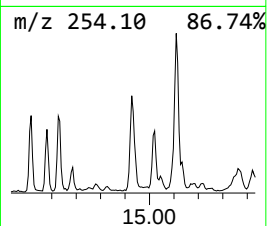
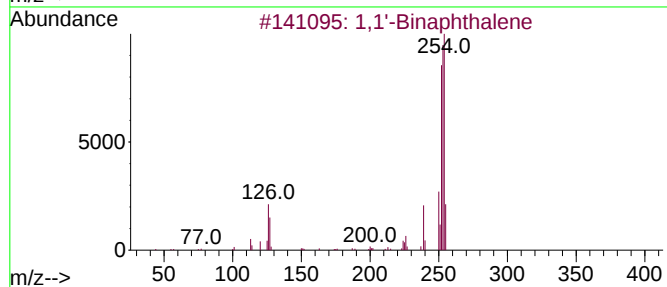
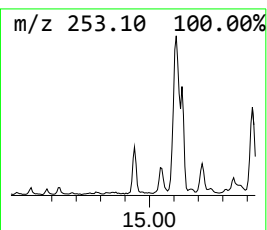
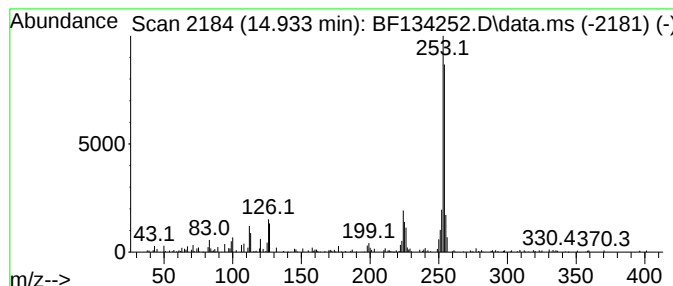
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,1'-Binaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	9.49 ng	209474	Perylene-d12	15.551

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Binaphthalene	254	C20H14	000604-53-5	76
2		1H-Indene, 1,1'-(1,2-ethanediylidene)bis-	254	C20H14	072088-04-1	68
3		4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
4		9,10[1',2']-Benzenoanthracene, 9,10-bis(phenylmethylene)-	254	C20H14	000477-75-8	64
5		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-369

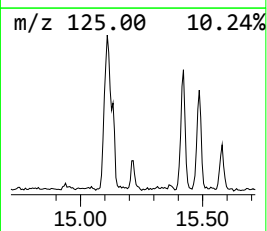
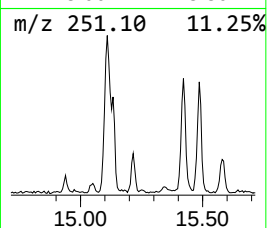
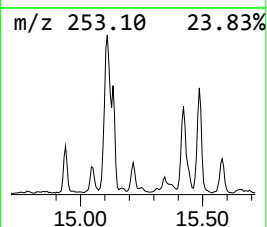
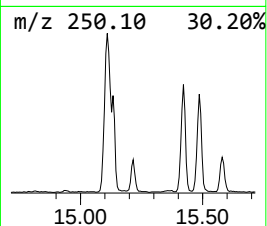
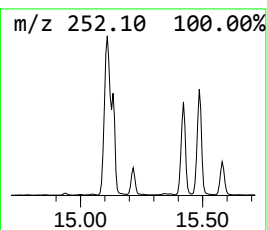
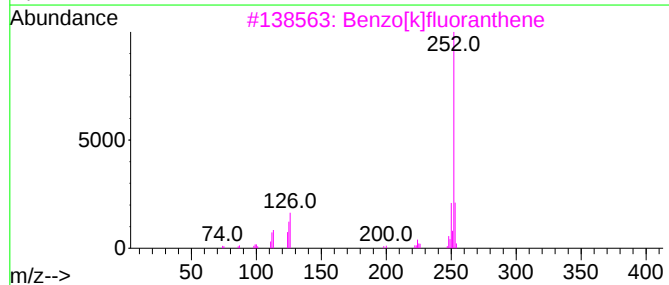
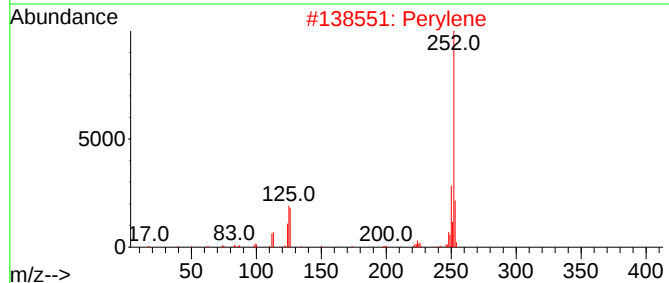
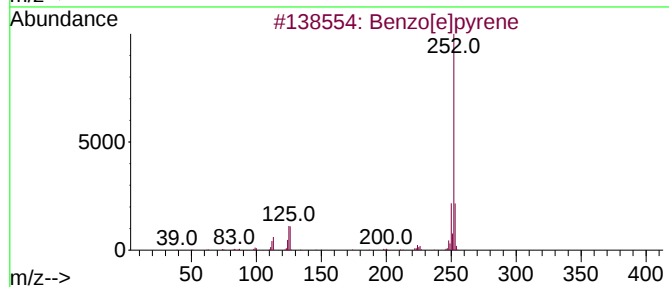
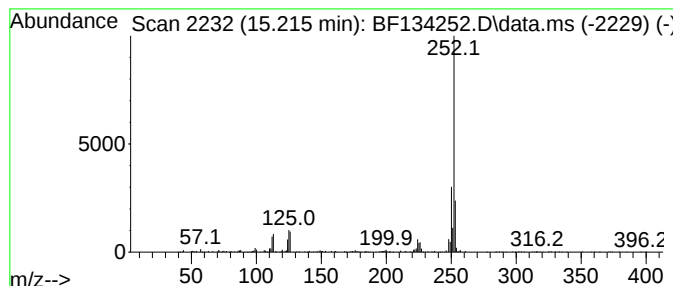
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.215	8.80 ng	194215	Perylene-d12	15.551

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-369

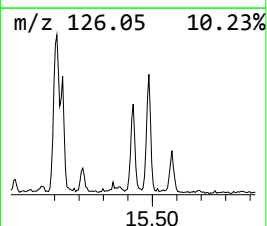
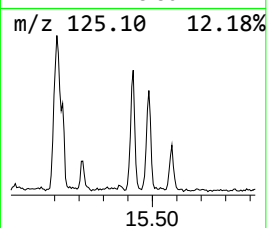
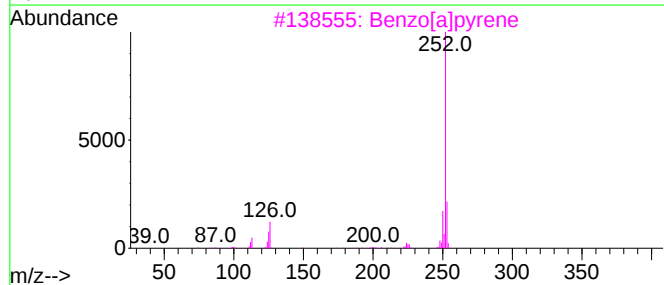
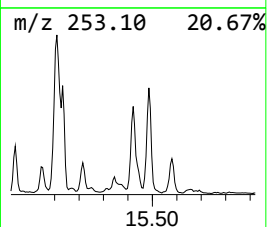
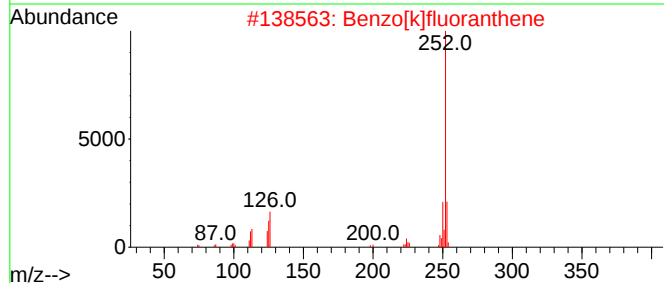
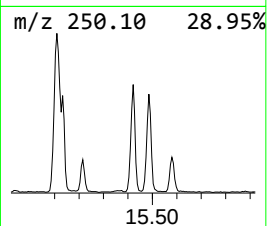
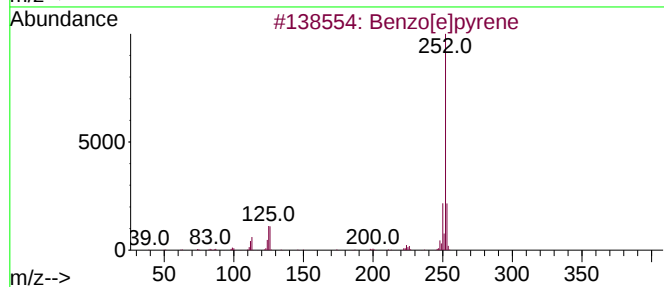
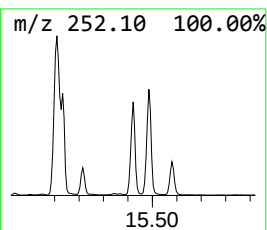
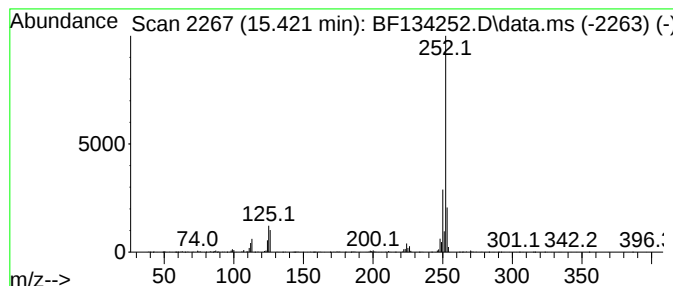
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.421	38.11 ng	841352	Perylene-d12	15.551

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	97
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134252.D
Acq On : 12 Jul 2023 18:05
Operator : CG\JU
Sample : 03555-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ETGI-369

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	38.0	ng	1074830	1	6.845	566132	20.0
Benzophenone	10.598	7.2	ng	259350	3	9.880	718331	20.0
Decane, 2-methyl-	10.798	9.8	ng	322973	4	11.380	659221	20.0
Phenol, 3-(2-ph...	11.133	4.2	ng	136905	4	11.380	659221	20.0
9H-Fluoren-9-one	11.180	7.8	ng	257264	4	11.380	659221	20.0
unknown11.233	11.233	7.3	ng	241610	4	11.380	659221	20.0
Dibenzothiophene	11.269	6.0	ng	197293	4	11.380	659221	20.0
Nonadecane	11.669	6.0	ng	198879	4	11.380	659221	20.0
Phenanthrene, 1...	11.880	5.6	ng	183788	4	11.380	659221	20.0
1H-Cyclopropa[1...	11.910	15.4	ng	507106	4	11.380	659221	20.0
4H-Cyclopenta[d...	11.992	16.2	ng	532828	4	11.380	659221	20.0
Tetradecane	12.074	4.9	ng	161614	4	11.380	659221	20.0
5,16[1',2']:8,1...	12.180	6.4	ng	210272	4	11.380	659221	20.0
9,10-Anthracene...	12.210	8.2	ng	270023	4	11.380	659221	20.0
Phenanthrene, 3...	12.433	5.8	ng	192093	4	11.380	659221	20.0
Heptadecane	12.469	5.2	ng	170597	4	11.380	659221	20.0
Cyclopenta(def)...	12.527	11.4	ng	374144	4	11.380	659221	20.0
1,1'-Binaphthalene	14.933	9.5	ng	209474	6	15.551	441500	20.0
Benzo[e]pyrene	15.215	8.8	ng	194215	6	15.551	441500	20.0
Benzo[j]fluoran...	15.421	38.1	ng	841352	6	15.551	441500	20.0