

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133626.D
 Acq On : 07 Jun 2023 15:50
 Operator : CG\JU
 Sample : 03018-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 348

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-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133626.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	14	rVB	439157	580850	16.26%	1.101%
2	5.063	500	506	511	rBV	92402	137606	3.85%	0.261%
3	5.457	562	573	576	rBV	3015378	3093973	86.64%	5.862%
4	6.469	734	745	747	rBV	2649017	3120294	87.37%	5.912%
5	6.663	775	778	781	rBV2	60232	74065	2.07%	0.140%
6	6.834	804	807	814	rVB	963477	783853	21.95%	1.485%
7	7.404	892	904	906	rBV	2158400	2111666	59.13%	4.001%
8	8.116	1020	1025	1028	rBV	1083589	1039189	29.10%	1.969%
9	8.139	1028	1029	1032	rVV	327930	171679	4.81%	0.325%
10	8.539	1093	1097	1101	rBV	113318	98194	2.75%	0.186%
11	8.710	1122	1126	1129	rBV	87179	69797	1.95%	0.132%
12	8.828	1144	1146	1150	rVB	171314	144713	4.05%	0.274%
13	8.928	1160	1163	1166	rBV	137492	109962	3.08%	0.208%
14	9.198	1204	1209	1212	rBV	3700196	3177577	88.98%	6.020%
15	9.275	1219	1222	1224	rBV	97359	84069	2.35%	0.159%
16	9.457	1249	1253	1257	rVB2	58664	83919	2.35%	0.159%
17	9.533	1263	1266	1268	rBV	107960	106117	2.97%	0.201%
18	9.598	1272	1277	1279	rVV3	65349	77668	2.17%	0.147%
19	9.733	1295	1300	1304	rBV	123801	107504	3.01%	0.204%
20	9.804	1310	1312	1317	rVB	106219	74831	2.10%	0.142%
21	9.875	1317	1324	1327	rBV	1128651	949298	26.58%	1.799%
22	9.904	1327	1329	1333	rVB	343729	295120	8.26%	0.559%
23	10.075	1355	1358	1362	rVV2	187523	183484	5.14%	0.348%
24	10.304	1395	1397	1400	rVB2	113780	84455	2.36%	0.160%
25	10.422	1413	1417	1420	rBV2	222563	204304	5.72%	0.387%
26	10.586	1441	1445	1448	rVB2	143189	160807	4.50%	0.305%
27	10.663	1453	1458	1462	rVV	1978816	1817772	50.90%	3.444%
28	10.786	1475	1479	1486	rVB3	141323	216779	6.07%	0.411%
29	10.974	1504	1511	1513	rBV3	57119	93511	2.62%	0.177%
30	11.098	1528	1532	1534	rBV3	68704	80621	2.26%	0.153%
31	11.122	1534	1536	1541	rVV2	70999	81297	2.28%	0.154%
32	11.169	1541	1544	1547	rVV	158447	157474	4.41%	0.298%
33	11.227	1547	1554	1557	rVV4	114071	178278	4.99%	0.338%
34	11.257	1557	1559	1565	rVB	167445	154356	4.32%	0.292%
35	11.363	1573	1577	1579	rBV	889822	818147	22.91%	1.550%
36	11.392	1579	1582	1585	rVV	2389907	2053333	57.50%	3.890%

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Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.439	1587	1590	1593	rVV	623869	486123	13.61%	0.921%
38	11.592	1611	1616	1618	rBV2	178951	169714	4.75%	0.322%
39	11.657	1625	1627	1631	rVV2	117088	91229	2.55%	0.173%
40	11.692	1631	1633	1639	rVB2	76170	78527	2.20%	0.149%

41	11.863	1659	1662	1664	rBV	250128	218235	6.11%	0.413%
42	11.892	1664	1667	1671	rVB	543437	454974	12.74%	0.862%
43	11.939	1671	1675	1678	rBV2	130170	124475	3.49%	0.236%
44	11.980	1678	1682	1684	rVV	434515	484647	13.57%	0.918%
45	11.998	1684	1685	1689	rVB	199242	135297	3.79%	0.256%

46	12.163	1710	1713	1715	rBV	257890	220441	6.17%	0.418%
47	12.186	1715	1717	1721	rVB	215816	174793	4.89%	0.331%
48	12.416	1752	1756	1759	rBV2	195030	207027	5.80%	0.392%
49	12.457	1759	1763	1765	rBV	129059	143739	4.02%	0.272%
50	12.504	1768	1771	1776	rVB	192212	202769	5.68%	0.384%

51	12.586	1780	1785	1788	rBV	3556484	3359544	94.07%	6.365%
52	12.710	1802	1806	1807	rBV2	60436	74660	2.09%	0.141%
53	12.733	1807	1810	1813	rVV	102186	100942	2.83%	0.191%
54	12.816	1817	1824	1828	rBV	3050756	3571166	100.00%	6.766%
55	12.857	1828	1831	1836	rVB2	164424	188351	5.27%	0.357%

56	12.927	1839	1843	1844	rBV	216867	188575	5.28%	0.357%
57	12.957	1844	1848	1854	rVB	2530308	2499636	69.99%	4.736%
58	13.027	1854	1860	1863	rBV3	209236	365085	10.22%	0.692%
59	13.110	1871	1874	1876	rVV3	133085	156544	4.38%	0.297%
60	13.139	1876	1879	1882	rVB	387902	366658	10.27%	0.695%

61	13.204	1882	1890	1892	rBV2	257712	314776	8.81%	0.596%
62	13.239	1892	1896	1899	rBV2	302662	323090	9.05%	0.612%
63	13.268	1899	1901	1904	rVB	126266	99743	2.79%	0.189%
64	13.333	1909	1912	1915	rVB	130631	97430	2.73%	0.185%
65	13.363	1915	1917	1921	rBV2	143982	144587	4.05%	0.274%

66	13.439	1927	1930	1935	rVB4	65344	86071	2.41%	0.163%
67	13.533	1940	1946	1949	rBV6	97185	216729	6.07%	0.411%
68	13.645	1962	1965	1969	rVB	312886	310466	8.69%	0.588%
69	13.757	1979	1984	1987	rBV2	314832	391731	10.97%	0.742%
70	13.786	1987	1989	1991	rVV	287475	238305	6.67%	0.452%

71	13.810	1991	1993	1997	rVV2	262688	355429	9.95%	0.673%
72	13.851	1997	2000	2003	rVB2	332954	318594	8.92%	0.604%
73	13.927	2011	2013	2019	rVB3	83583	99861	2.80%	0.189%
74	14.004	2019	2026	2030	rBV2	1907050	2839387	79.51%	5.380%
75	14.039	2030	2032	2037	rVB	1608951	1381752	38.69%	2.618%

76	14.115	2043	2045	2048	rVB	319193	242375	6.79%	0.459%
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77	14.151	2049	2051	2053	rVV	84338	83170	2.33%	0.158%
78	14.198	2057	2059	2061	rVV	112274	90148	2.52%	0.171%
79	14.233	2061	2065	2068	rVV2	141998	195580	5.48%	0.371%
80	14.398	2088	2093	2095	rVV	263634	287430	8.05%	0.545%
81	14.427	2095	2098	2102	rVB	149917	138937	3.89%	0.263%
82	14.486	2105	2108	2111	rVB2	119753	138202	3.87%	0.262%
83	14.521	2111	2114	2116	rBV	134715	130510	3.65%	0.247%
84	14.539	2116	2117	2121	rVB3	141450	112051	3.14%	0.212%
85	14.704	2141	2145	2147	rBV4	95781	121947	3.41%	0.231%
86	14.786	2156	2159	2162	rBV2	74313	83285	2.33%	0.158%
87	14.957	2185	2188	2191	rBV3	65013	82165	2.30%	0.156%
88	15.051	2199	2204	2207	rBV	1125412	1781895	49.90%	3.376%
89	15.157	2219	2222	2225	rVB	240904	239447	6.71%	0.454%
90	15.245	2234	2237	2239	rBV3	60878	80205	2.25%	0.152%
91	15.351	2251	2255	2261	rVB	637297	851411	23.84%	1.613%
92	15.415	2261	2266	2271	rBV	984215	1181917	33.10%	2.239%
93	15.474	2272	2276	2279	rVV	376912	497407	13.93%	0.942%
94	15.504	2279	2281	2288	rVB	322812	401580	11.25%	0.761%
95	15.951	2354	2357	2361	rVB2	53833	69325	1.94%	0.131%
96	16.939	2519	2525	2533	rVB2	433127	855768	23.96%	1.621%
97	17.115	2550	2555	2560	rBV	73825	136343	3.82%	0.258%
98	17.174	2562	2565	2569	rVB2	47876	71718	2.01%	0.136%
99	17.380	2593	2600	2610	rVB	322623	680166	19.05%	1.289%
100	17.615	2635	2640	2645	rVB2	87488	168813	4.73%	0.320%

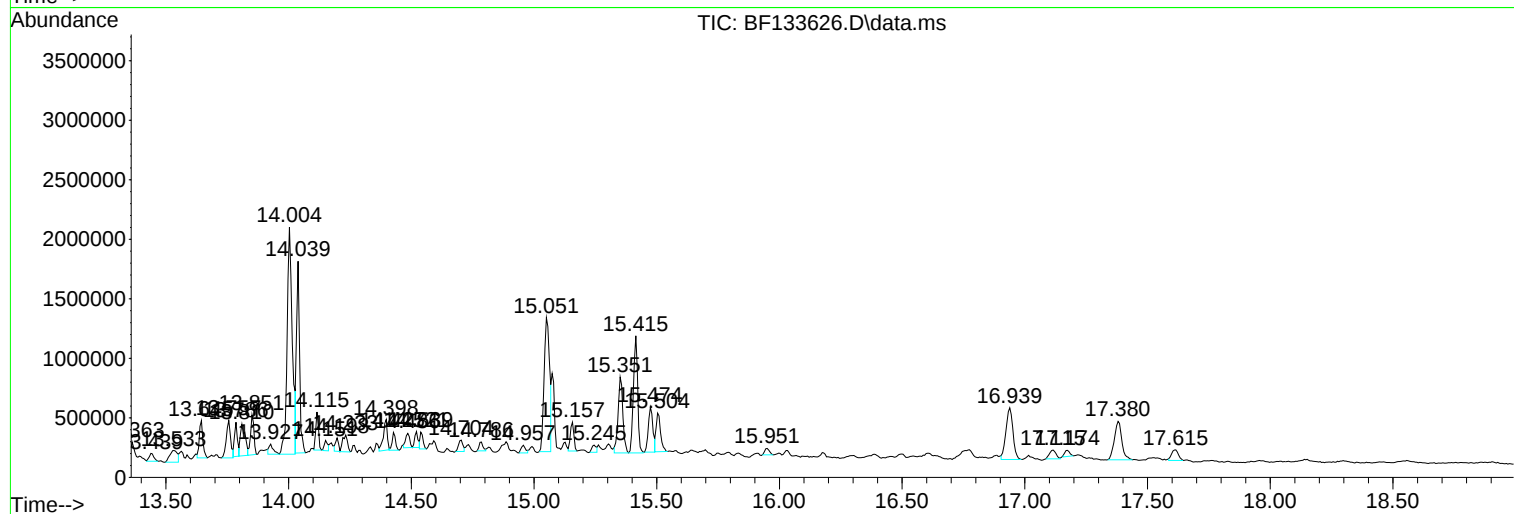
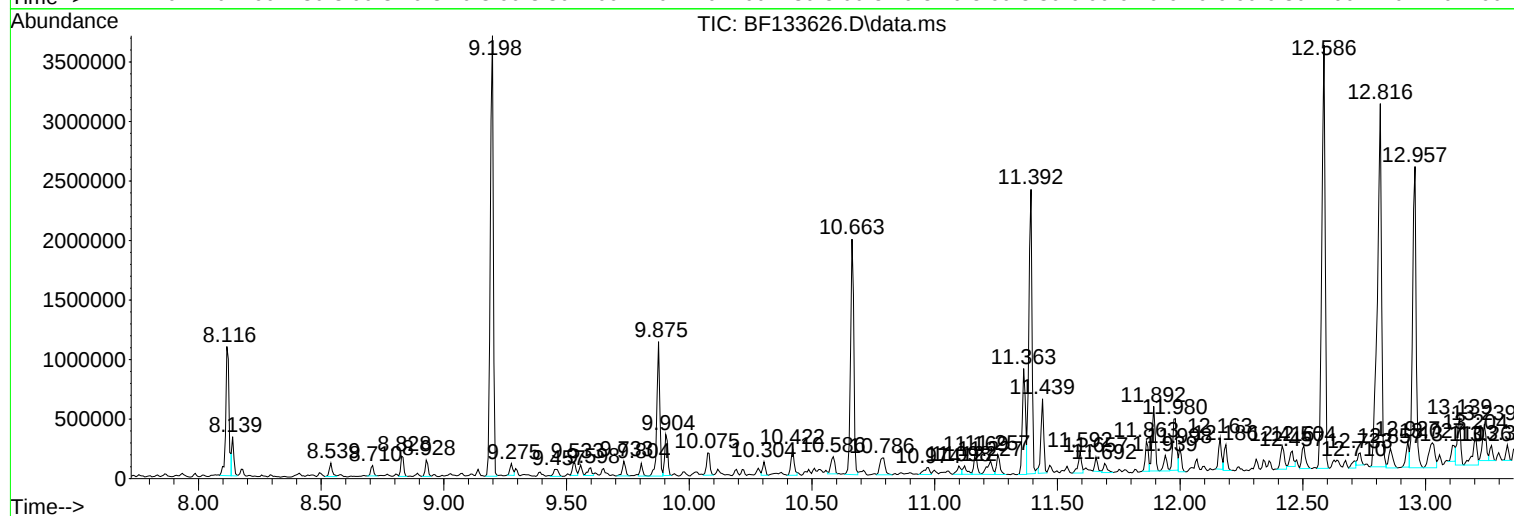
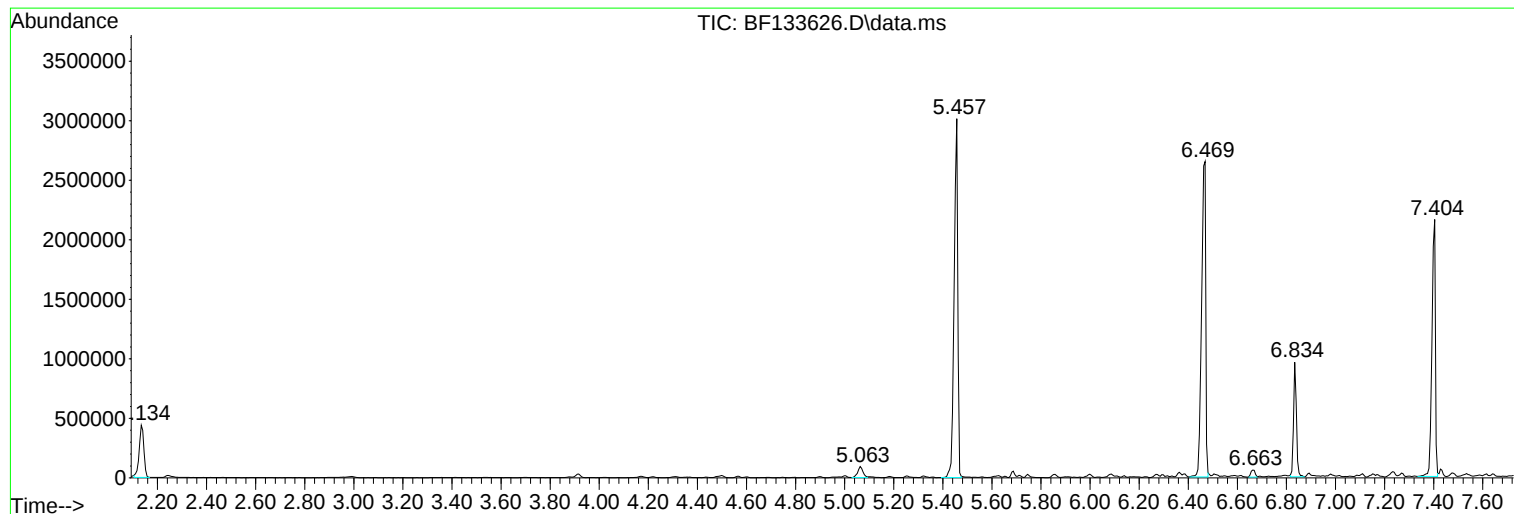
Sum of corrected areas: 52779459

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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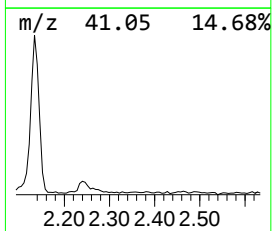
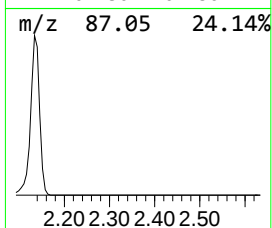
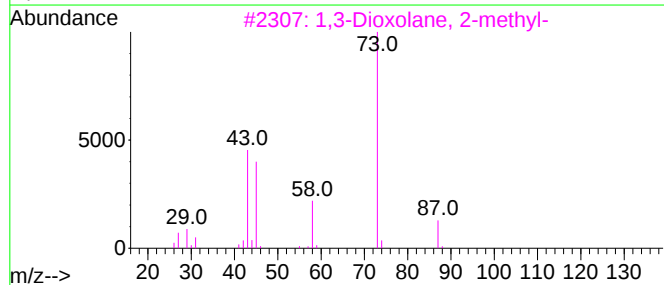
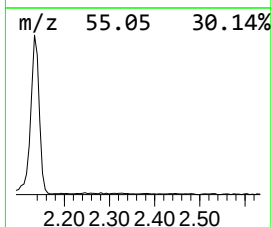
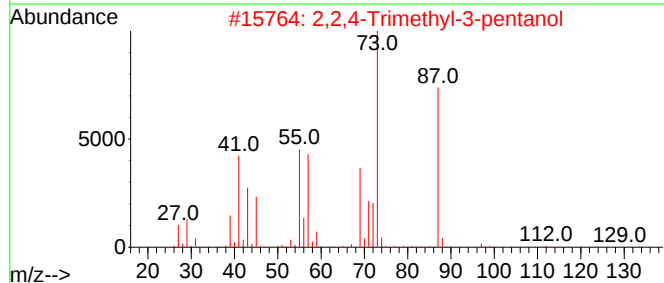
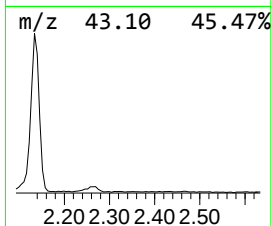
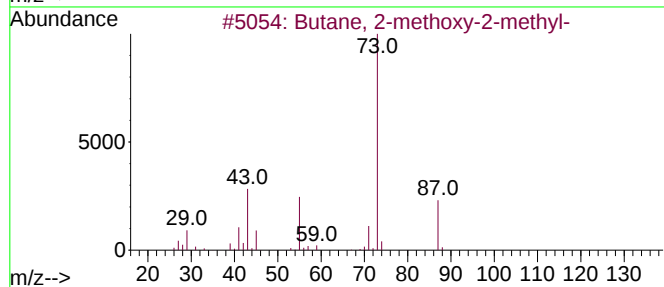
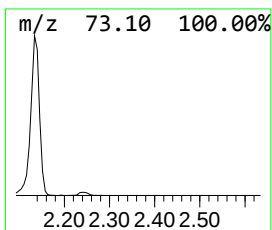
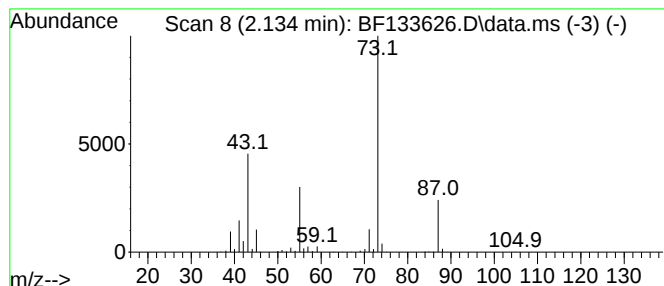
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.134	14.82 ng	580850	1,4-Dichlorobenzene-d4	6.834

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-methyl-	88	C4H8O2	000497-26-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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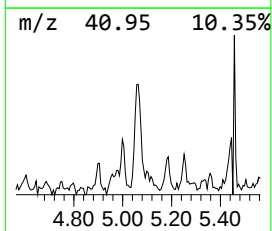
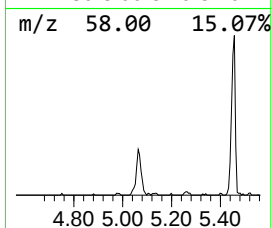
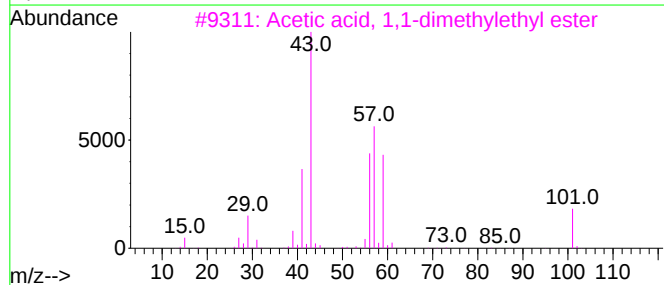
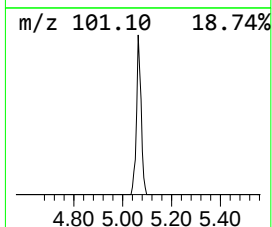
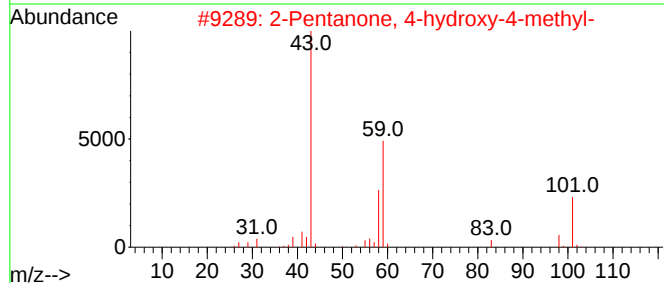
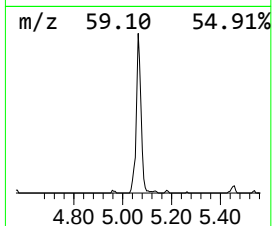
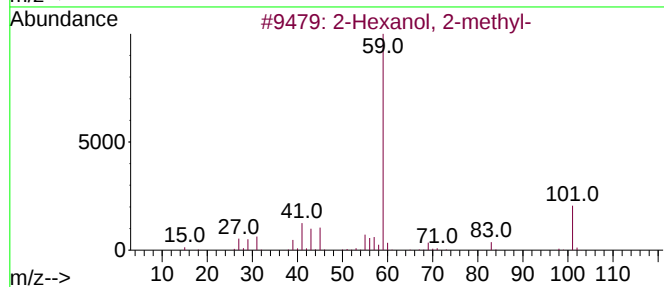
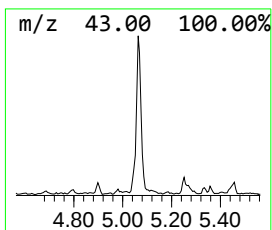
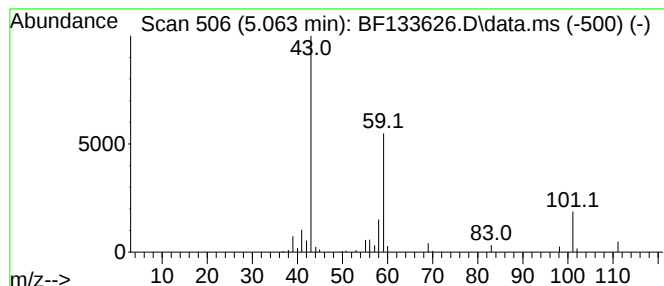
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	3.51 ng	137606	1,4-Dichlorobenzene-d4	6.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
5			1,2-Butanediol	90	C4H10O2	000584-03-2	32



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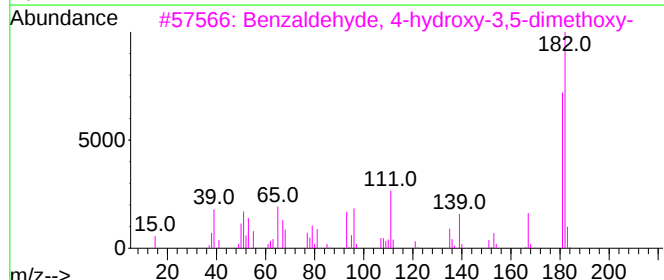
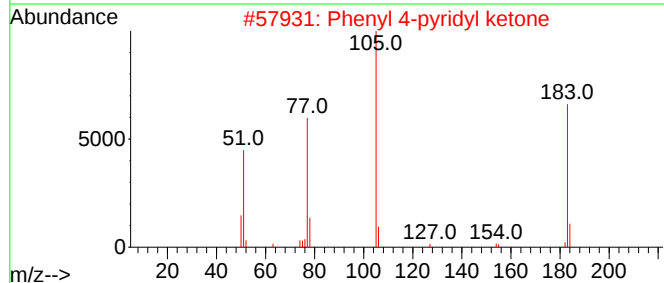
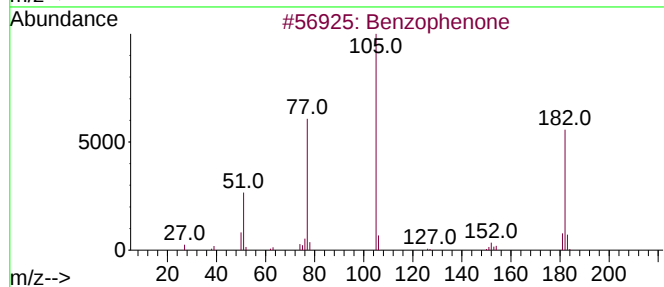
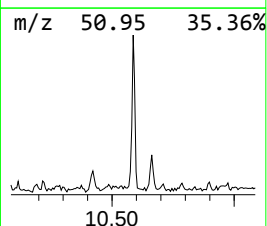
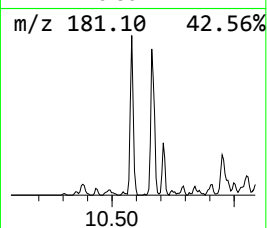
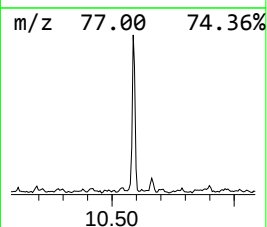
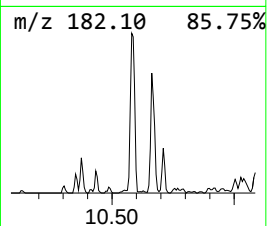
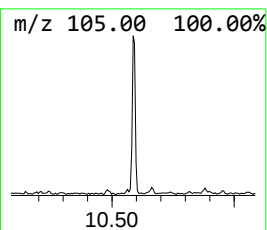
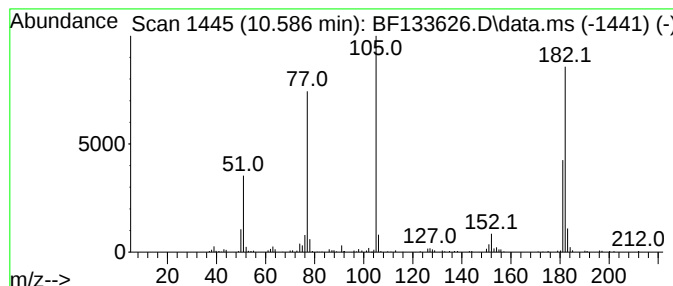
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	3.39 ng	160807	Acenaphthene-d10	9.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	87
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	45
3			Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	43
4			Benzoylformic acid	150	C8H6O3	000611-73-4	41
5			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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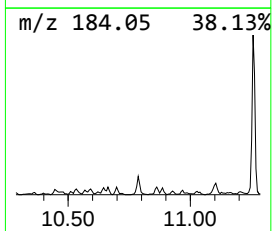
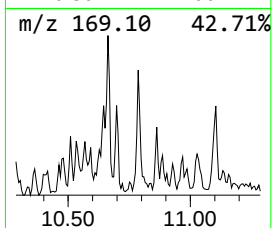
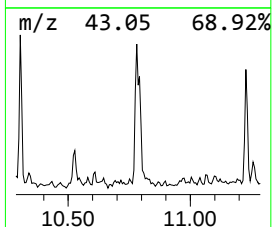
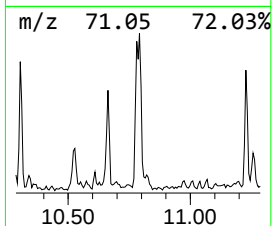
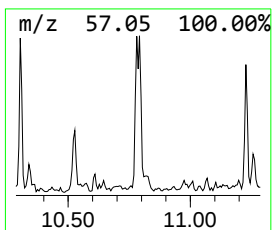
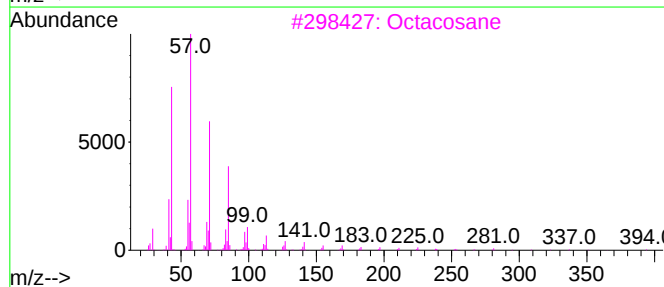
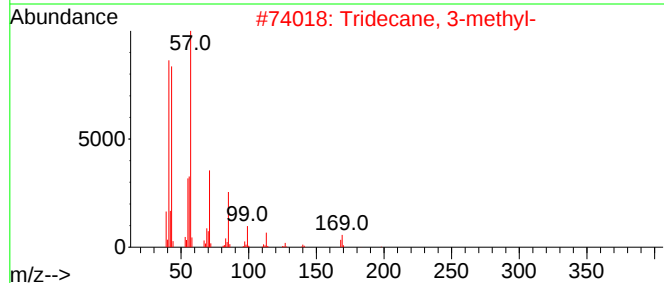
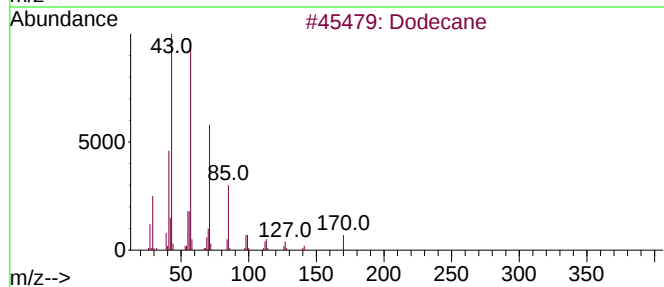
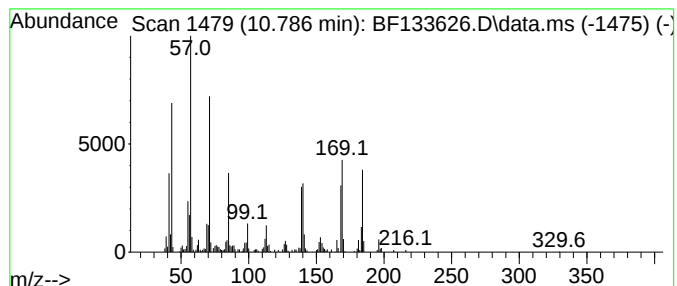
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown10.786 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	5.30 ng	216779	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	47
2			Tridecane, 3-methyl-	198	C14H30	006418-41-3	38
3			Octacosane	394	C28H58	000630-02-4	20
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	18
5			Octadecane	254	C18H38	000593-45-3	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
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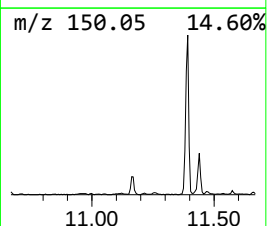
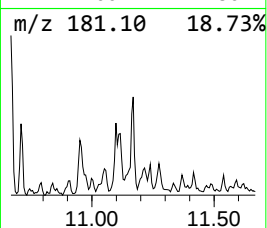
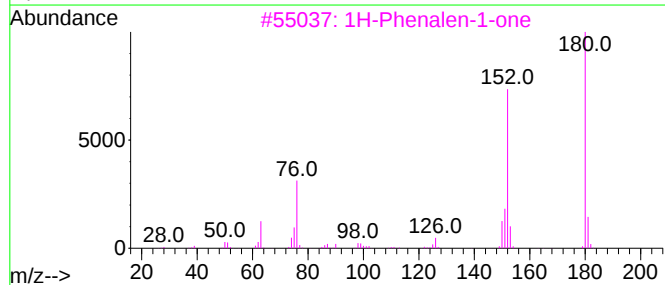
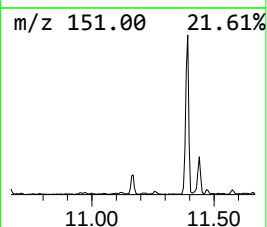
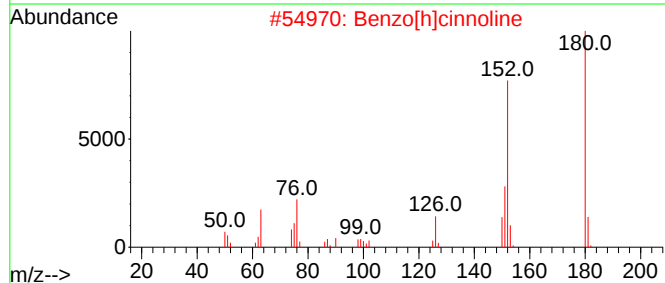
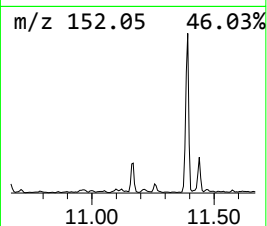
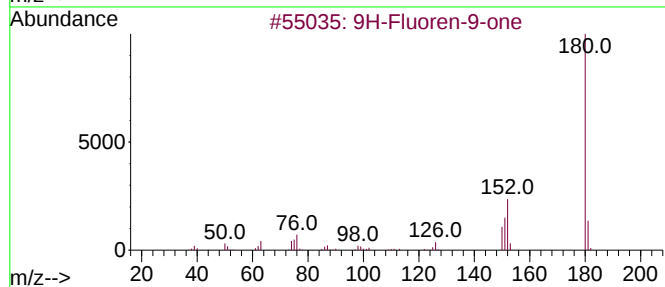
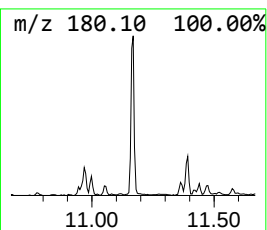
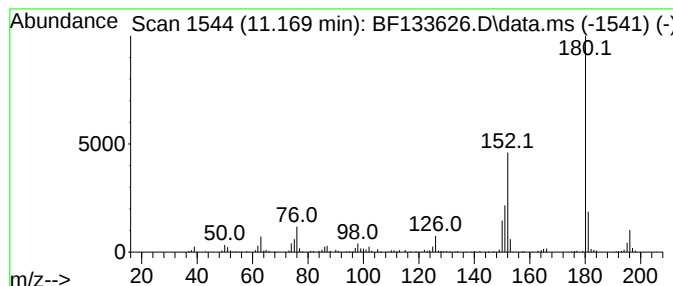
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.169	3.85 ng	157474	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	7-Nitro-3H-imidazo[4,5-b]pyridin...	180	C6H4N4O3	014432-11-2	43
5	5-(Phenylethynyl)pyrimidine	180	C12H8N2	071418-88-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
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Sample : 03018-05
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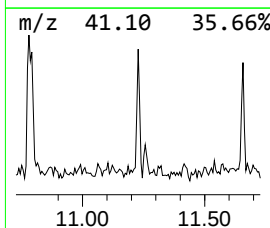
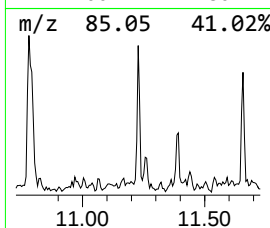
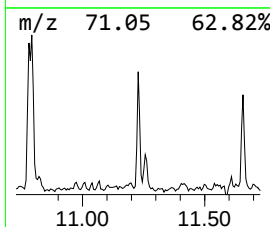
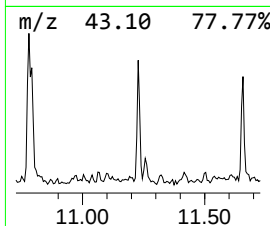
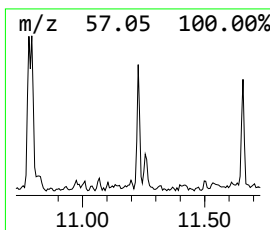
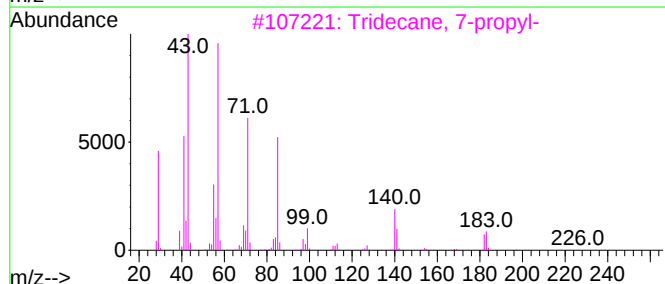
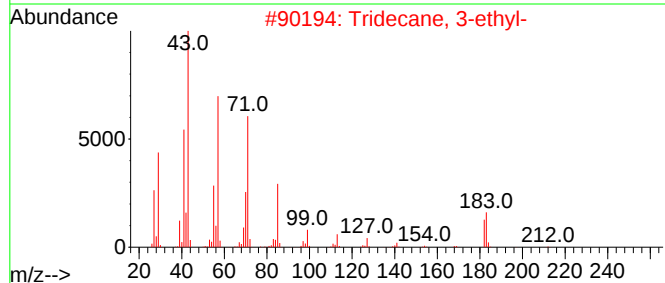
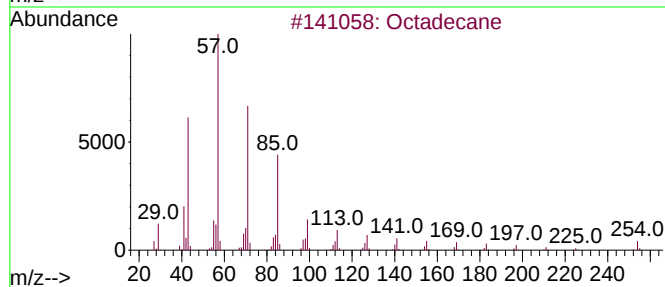
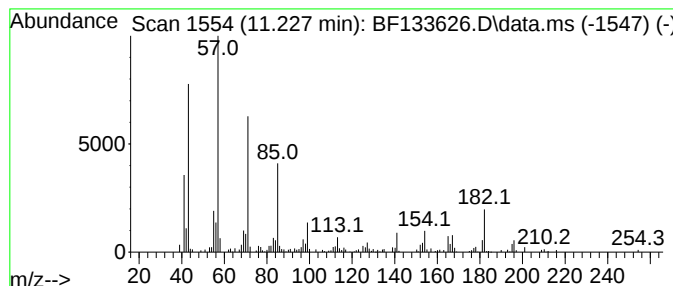
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	4.36 ng	178278	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	68
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5			Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
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Sample : 03018-05
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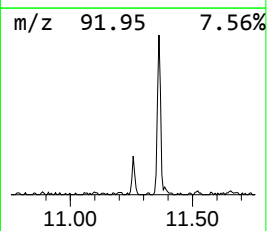
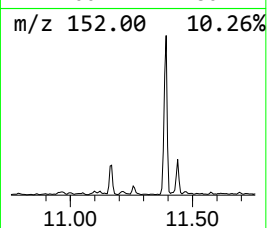
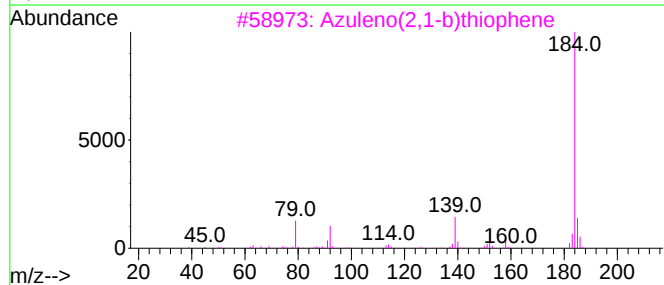
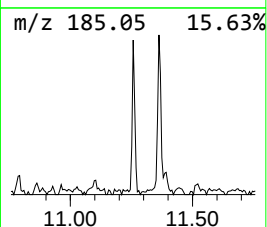
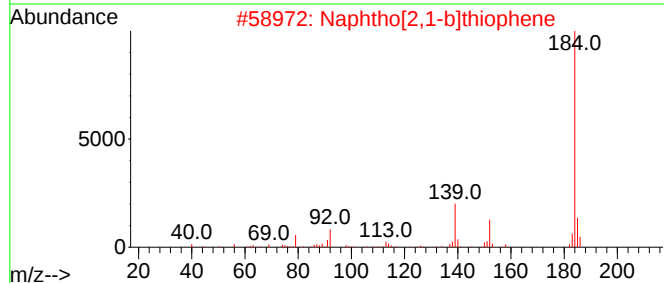
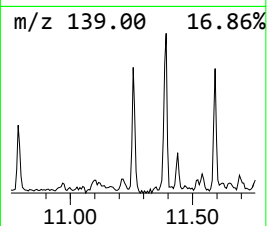
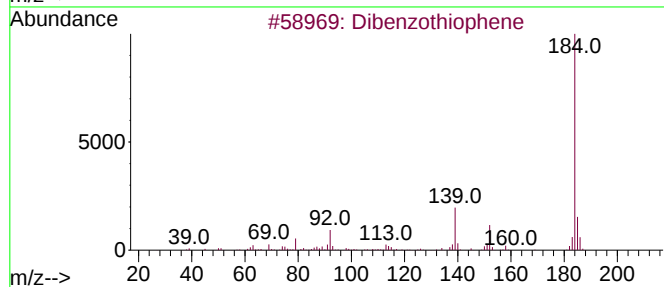
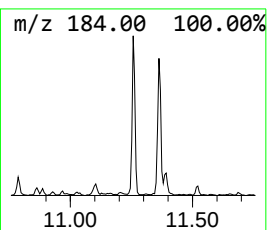
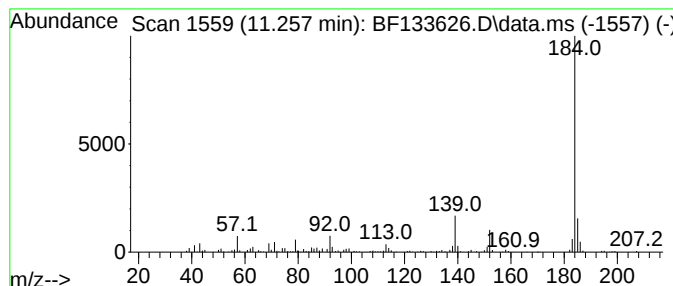
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	3.77 ng	154356	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	94
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

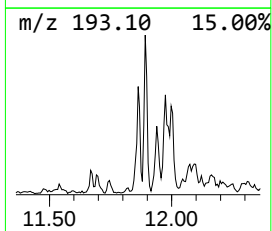
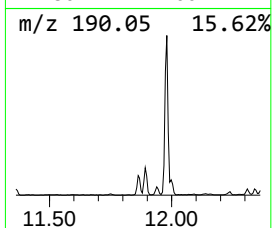
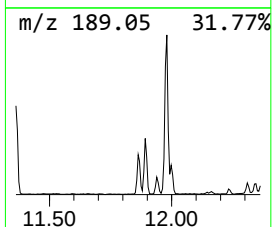
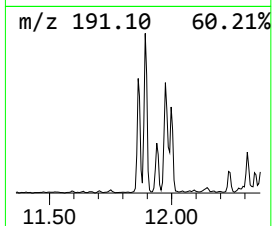
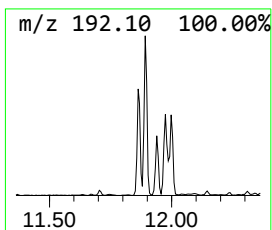
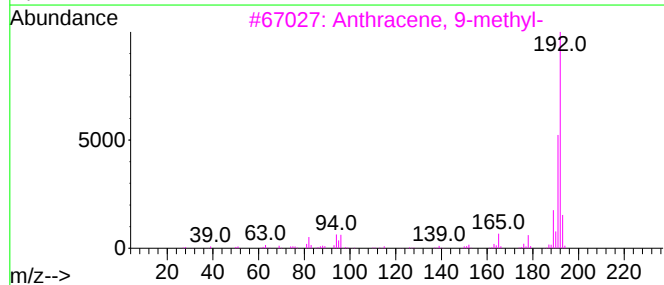
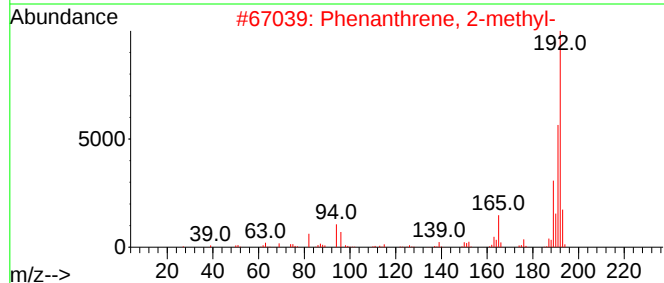
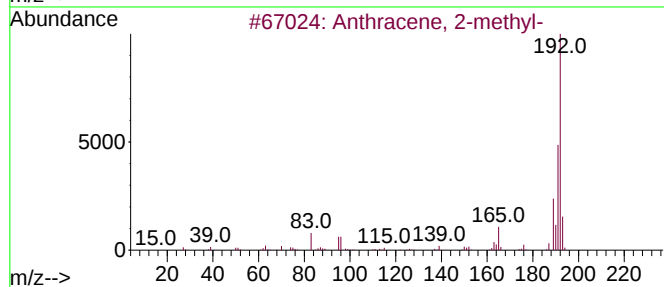
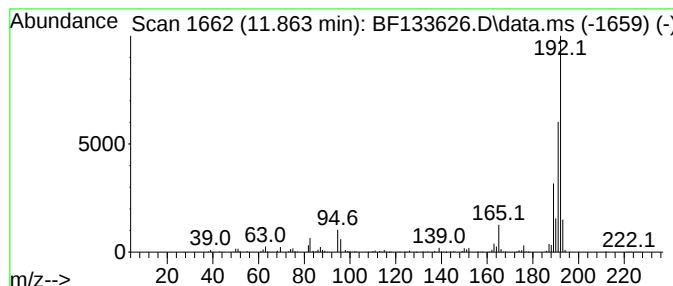
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.863	5.33 ng	218235	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-		192	C15H12	000779-02-2	93
4	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	91
5	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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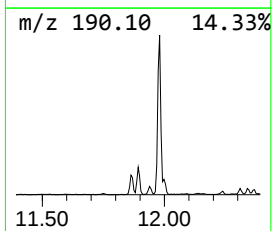
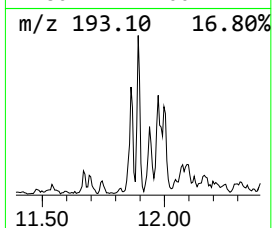
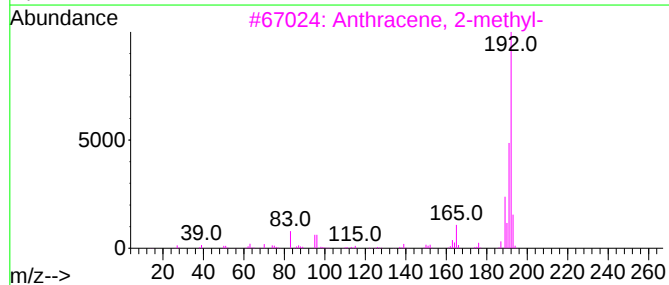
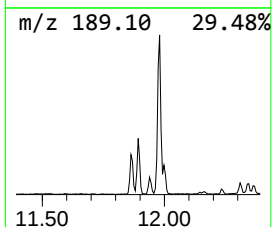
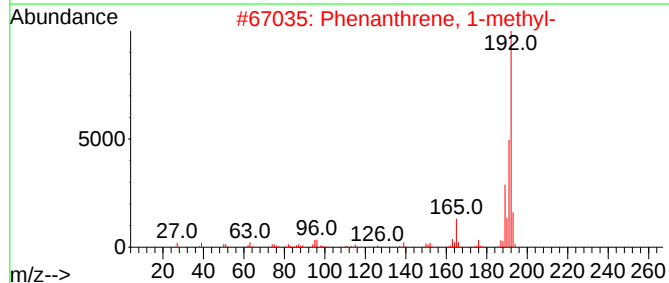
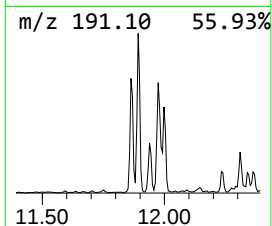
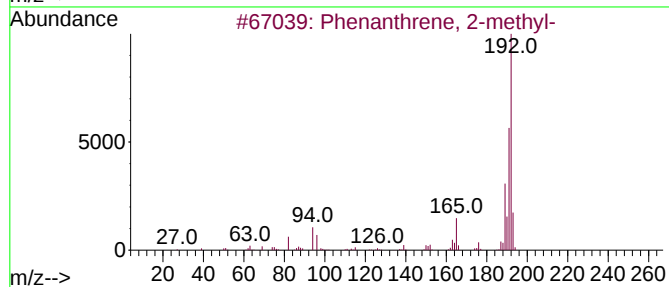
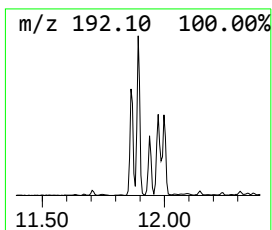
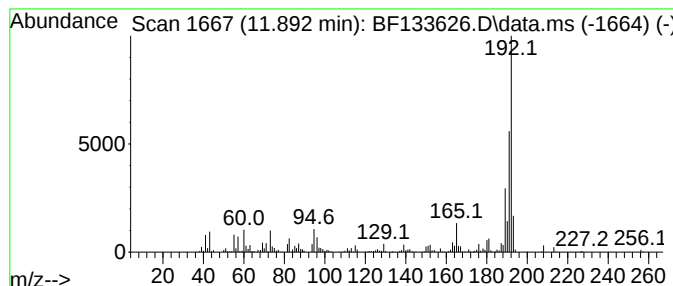
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.892	11.12 ng	454974	Phenanthrene-d10	11.363	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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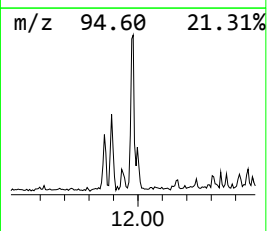
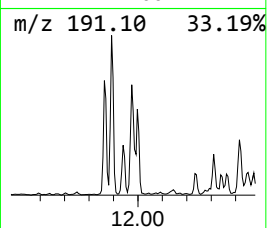
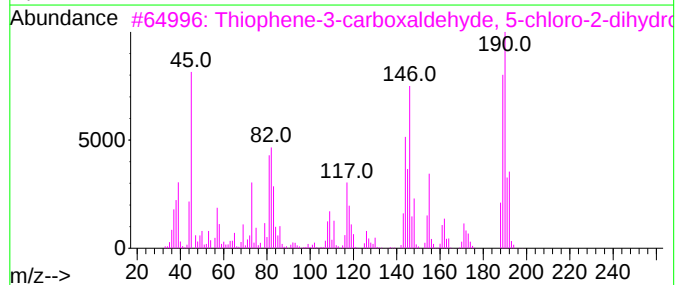
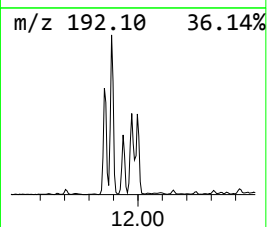
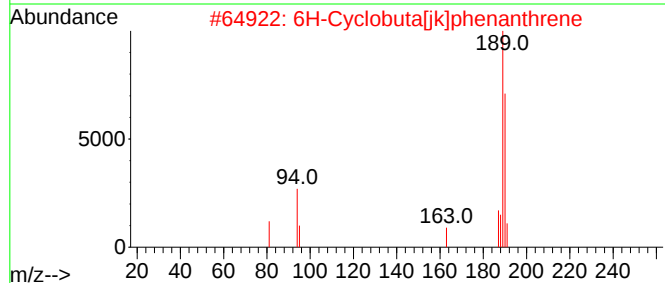
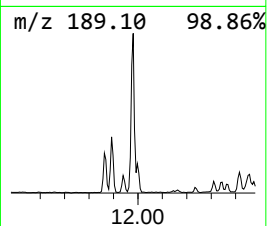
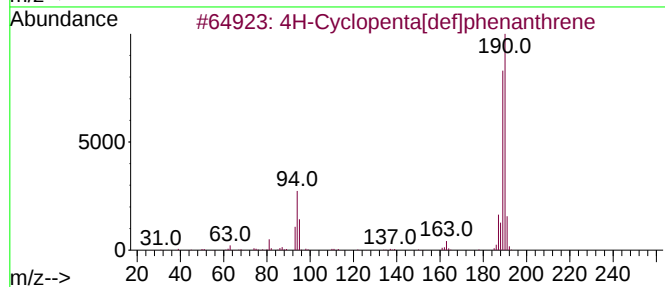
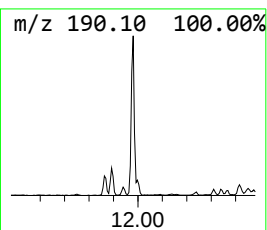
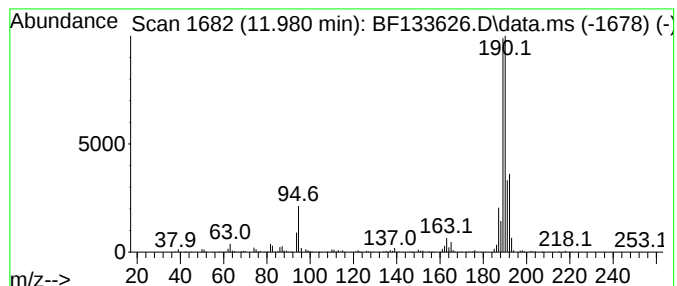
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	11.85 ng	484647	Phenanthrene-d10	11.363

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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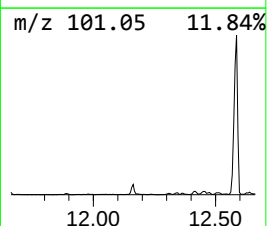
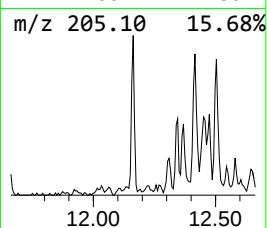
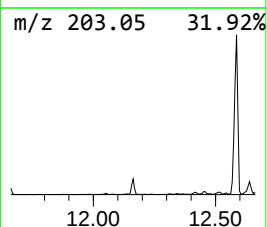
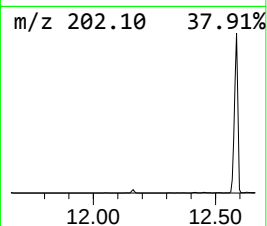
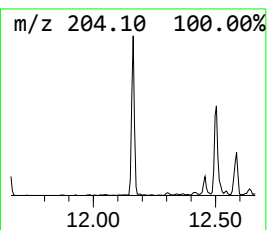
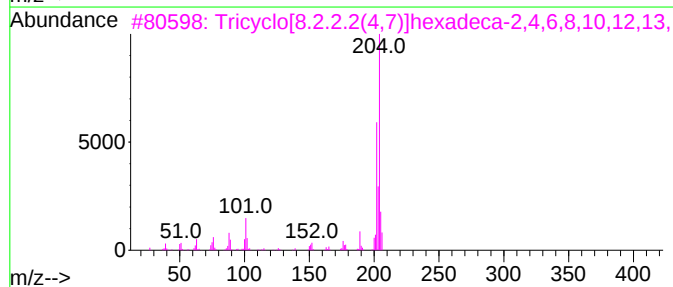
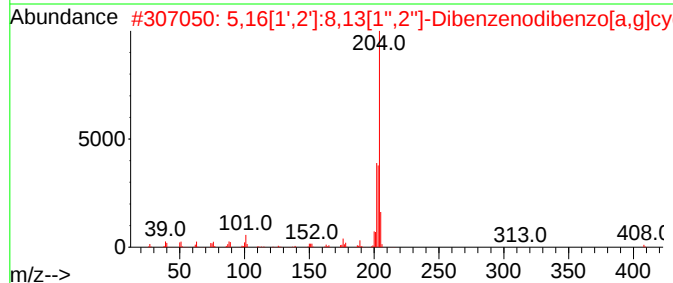
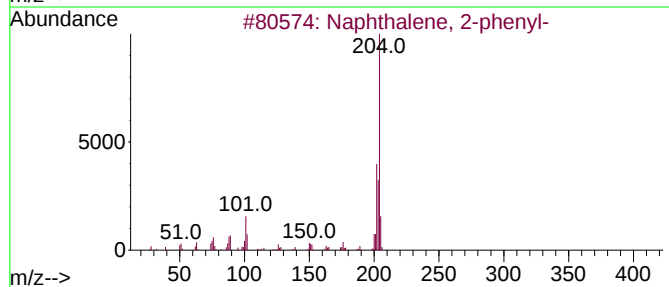
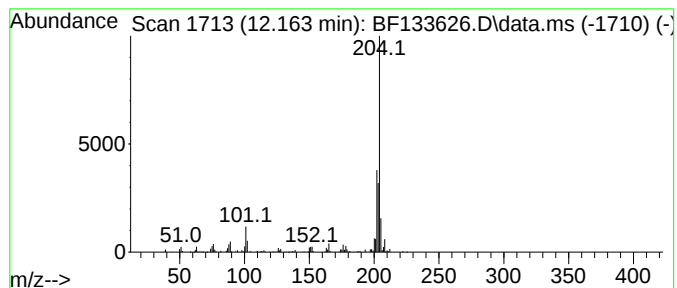
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	5.39 ng	220441	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
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Sample : 03018-05
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ALS Vial : 13 Sample Multiplier: 1

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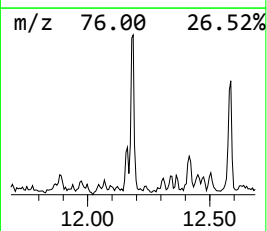
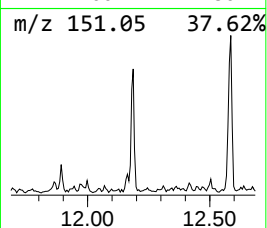
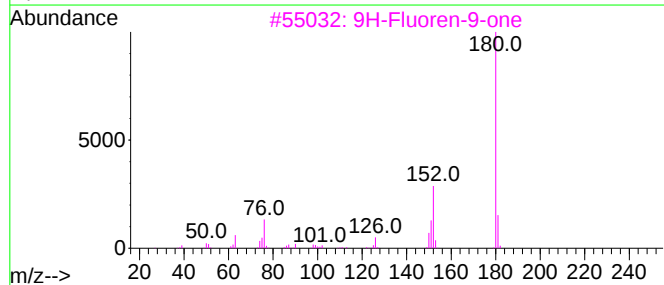
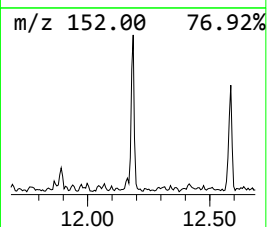
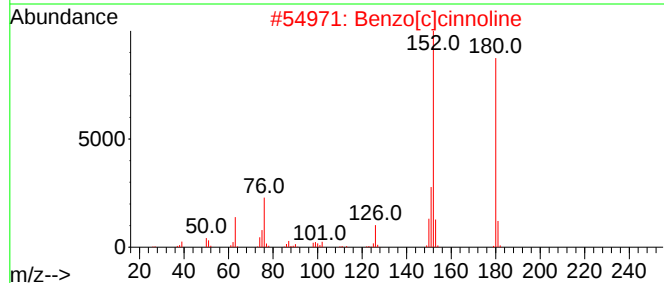
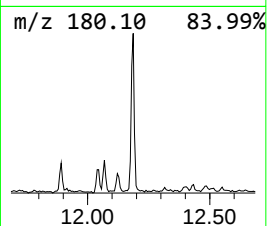
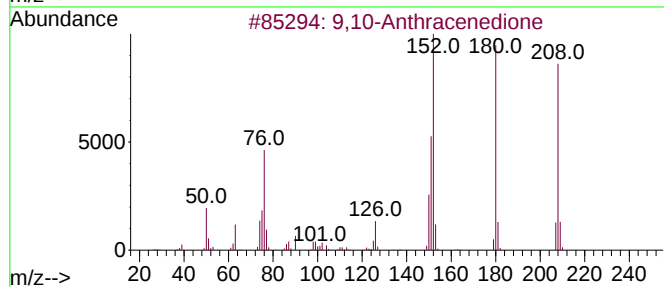
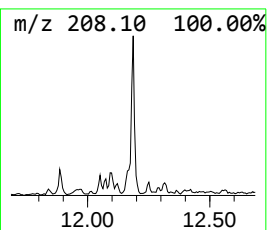
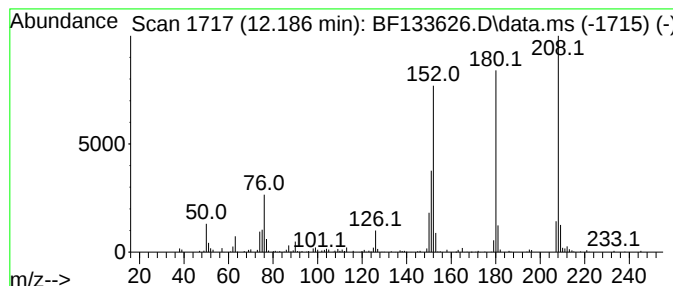
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	4.27 ng	174793	Phenanthrene-d10	11.363

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	62
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	52
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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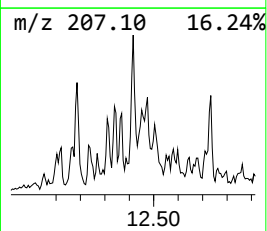
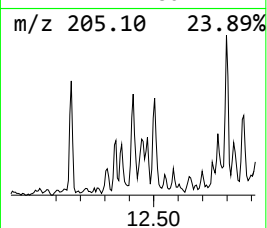
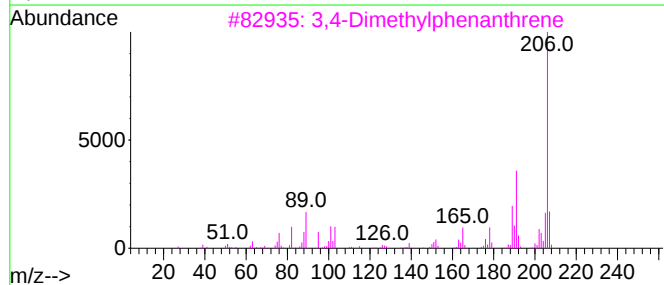
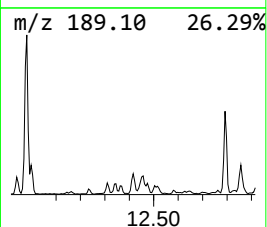
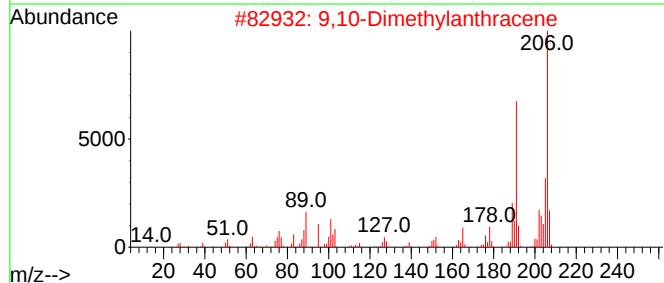
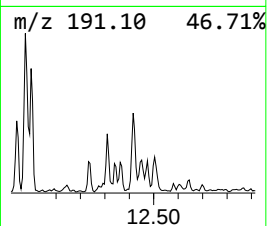
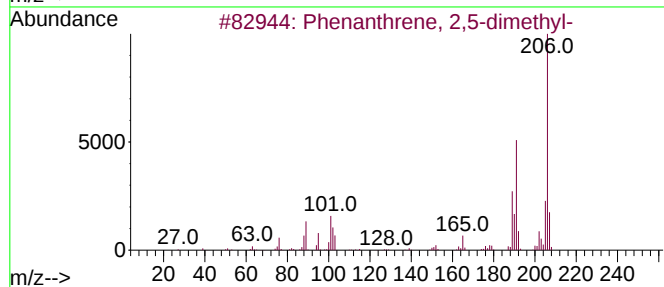
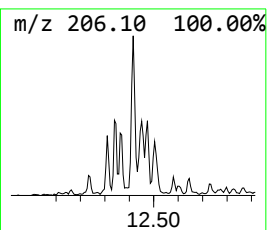
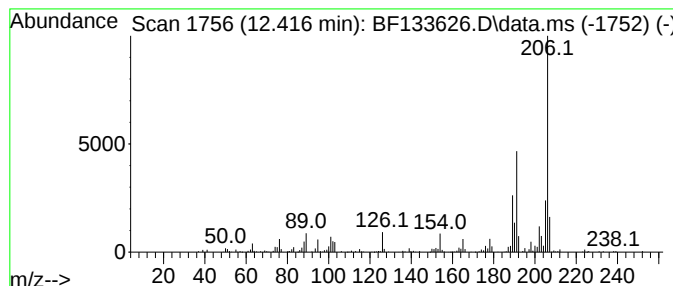
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.416	5.06 ng	207027	Phenanthrene-d10		11.363	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
3	3,4-Dimethylphenanthrene		206	C16H14	1000452-24-5	87
4	Anthracene, 1,4-dimethyl-		206	C16H14	000781-92-0	86
5	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
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Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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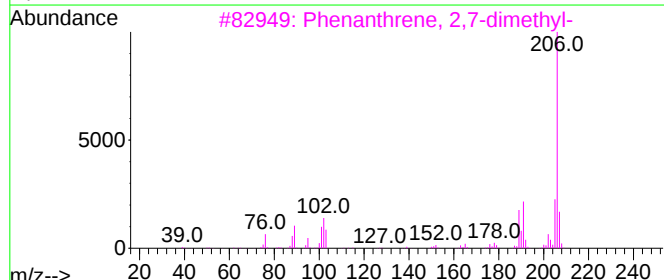
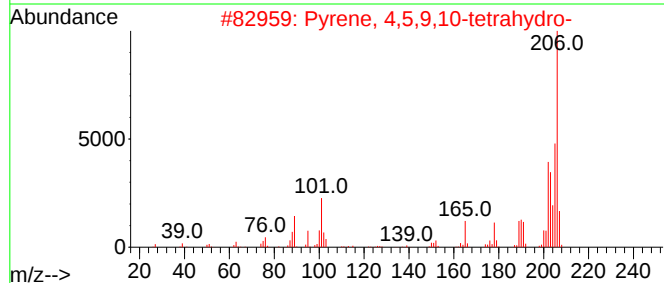
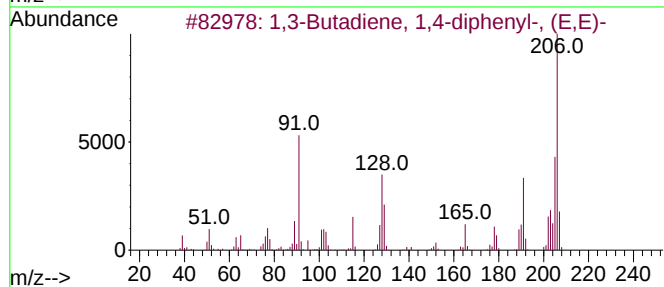
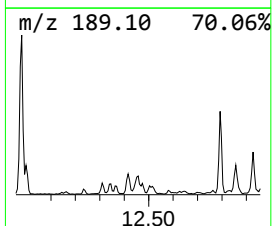
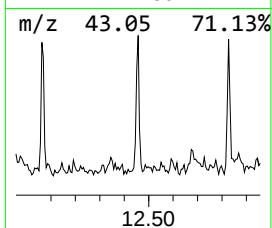
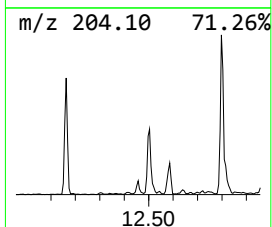
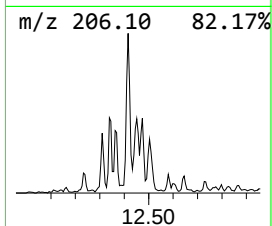
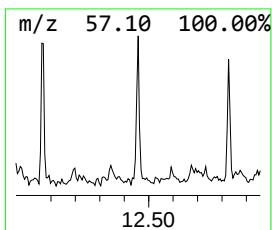
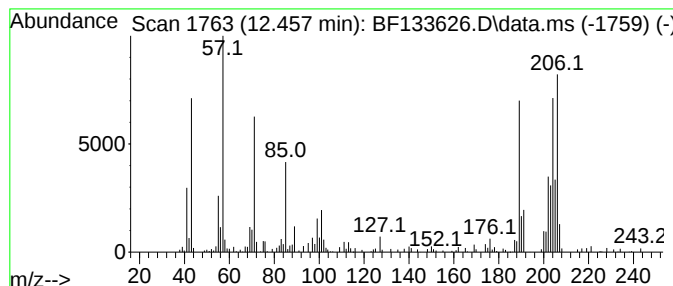
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.457 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	3.51 ng	143739	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
2			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	25
5			Benzoic acid, p-[(dimethylamino...	206	C11H14N2O2	029390-16-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
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Misc :
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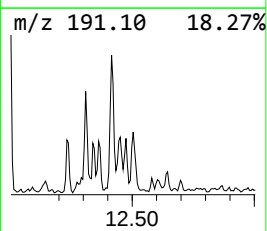
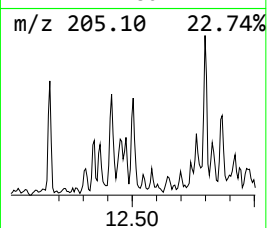
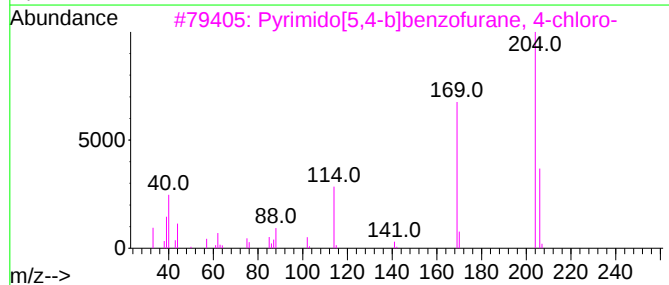
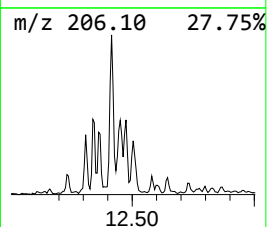
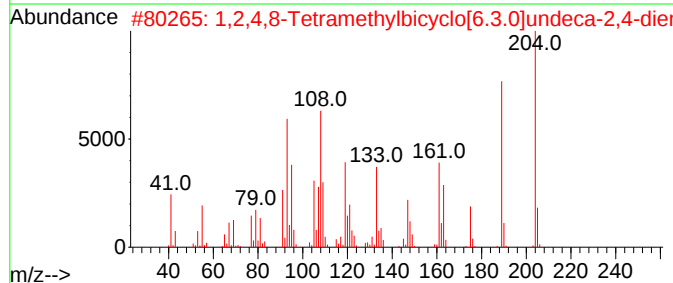
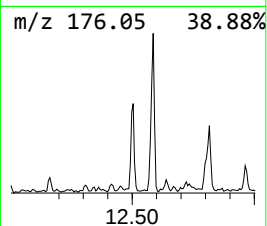
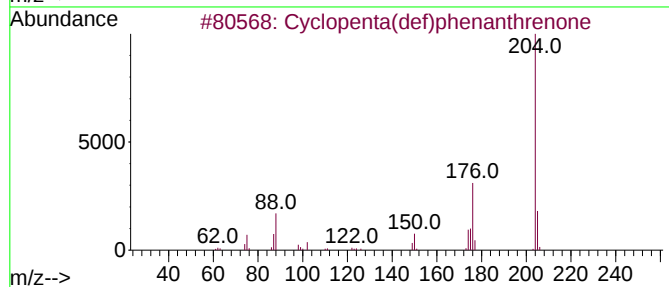
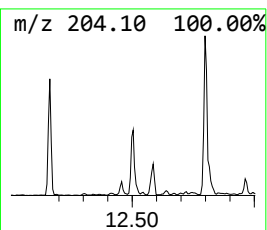
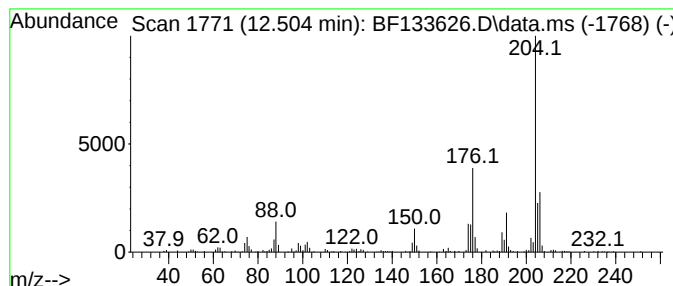
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.504	4.96 ng	202769	Phenanthrene-d10			11.363
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	94
2	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	45
3	Pyrimido[5,4-b]benzofurane, 4-ch...		204	C10H5ClN2O	039876-88-5	43
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	38
5	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
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Instrument :
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ClientSampleId :
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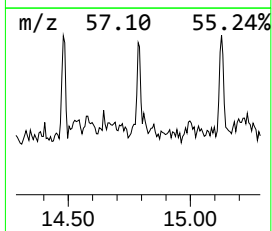
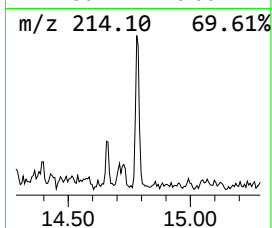
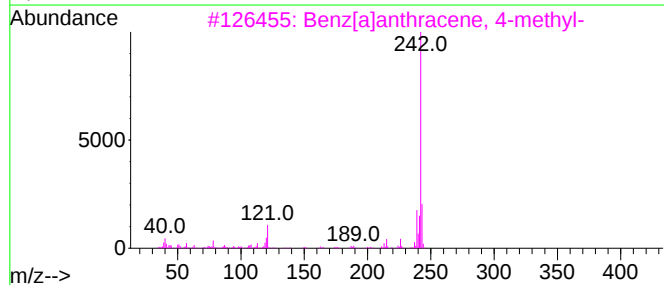
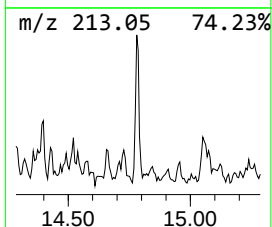
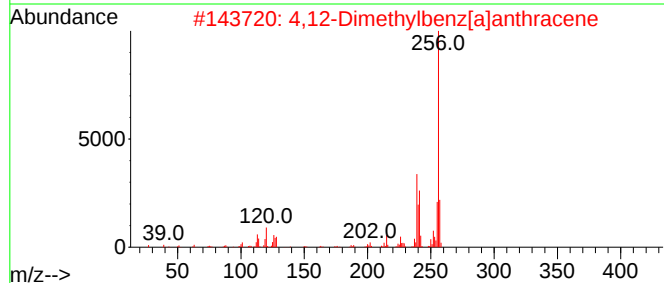
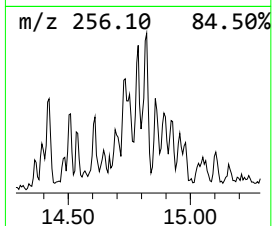
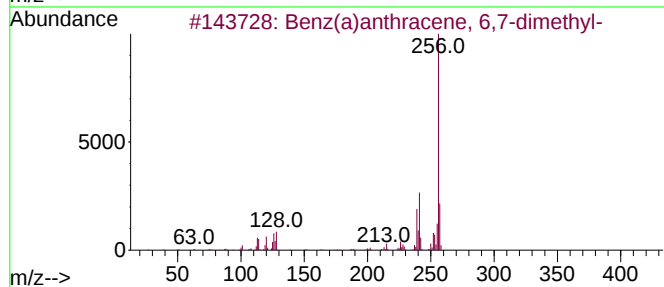
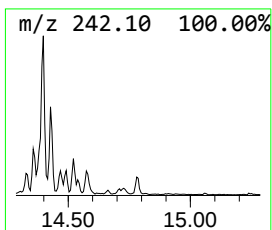
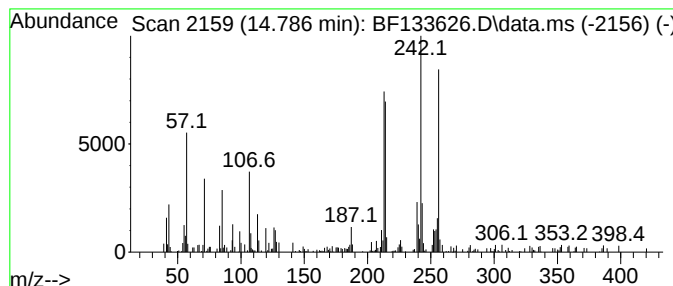
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.786 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	3.35 ng	83285	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz(a)anthracene, 6,7-dimethyl-	256	C20H16	020627-28-5	35
2		4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	35
3		Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	18
4		Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	18
5		Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
348

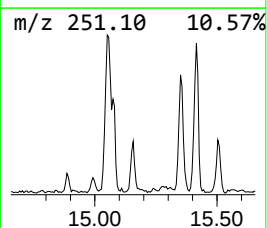
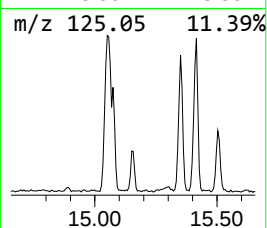
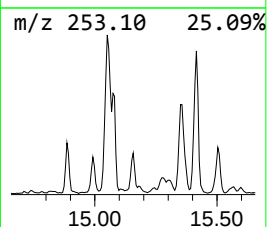
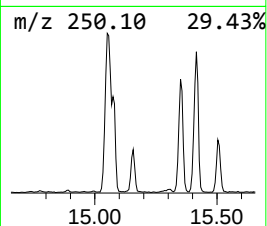
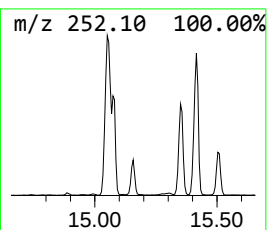
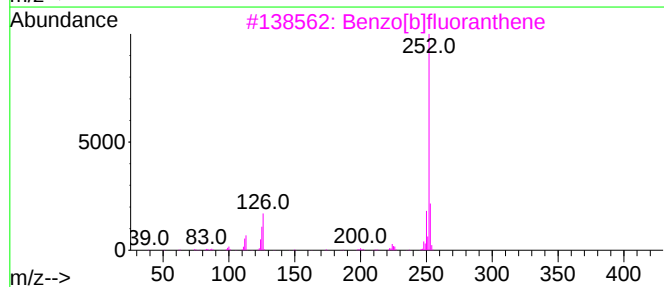
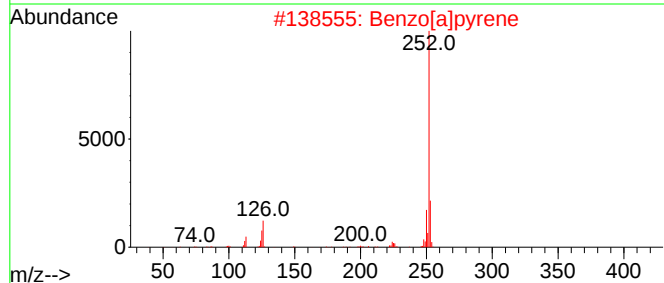
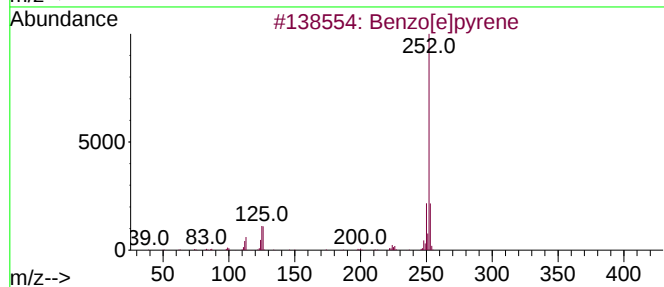
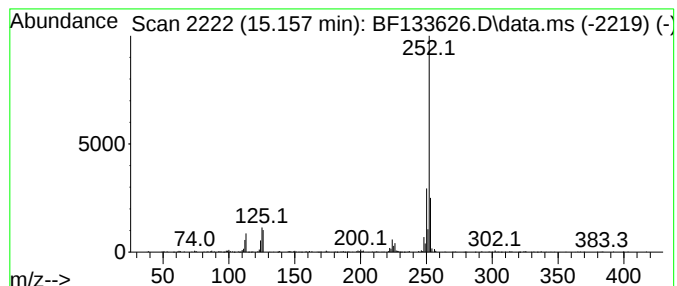
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	9.63 ng	239447	Perylene-d12	15.474

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
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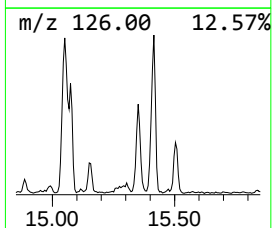
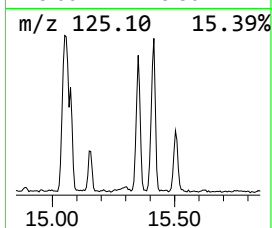
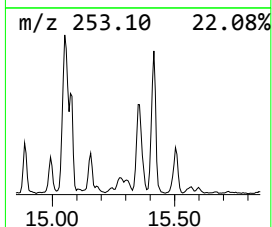
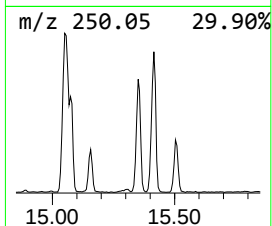
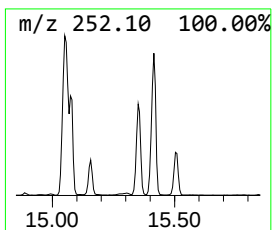
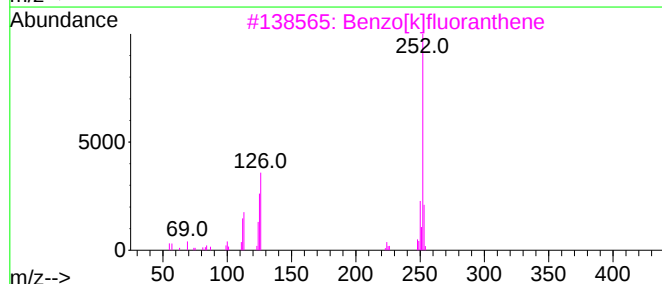
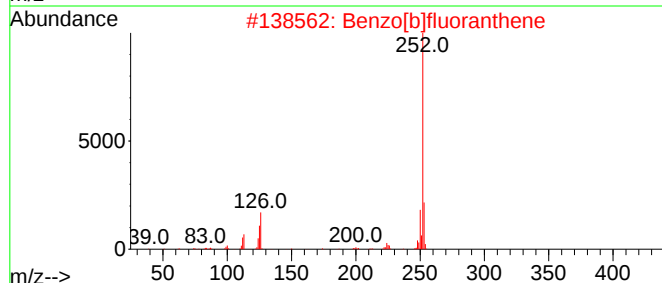
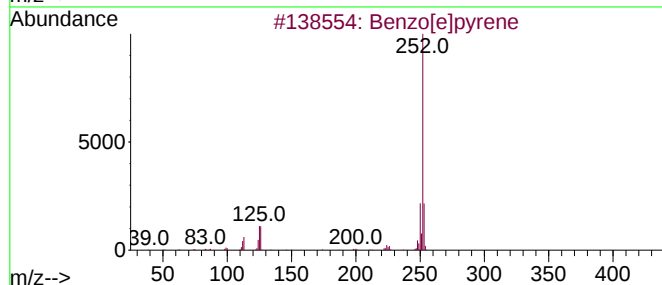
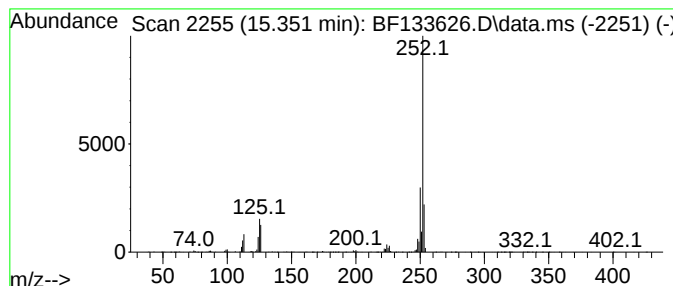
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.351	34.23 ng	851411	Perylene-d12		15.474	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene		252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene		252	C20H12	000205-99-2	97
3	Benzo[k]fluoranthene		252	C20H12	000207-08-9	95
4	Perylene		252	C20H12	000198-55-0	94
5	Benzo[a]pyrene		252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
348

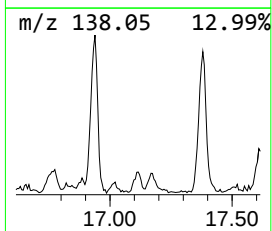
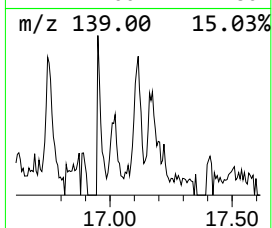
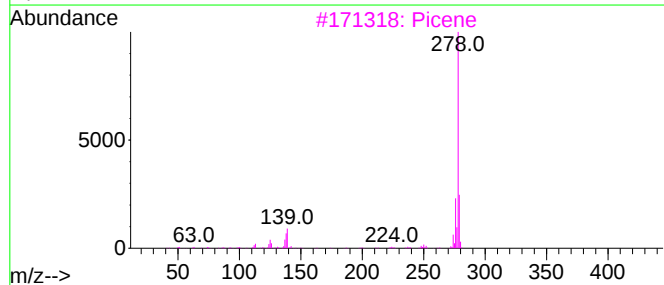
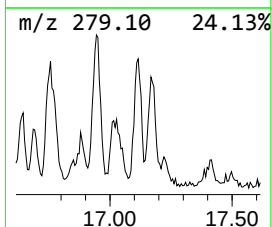
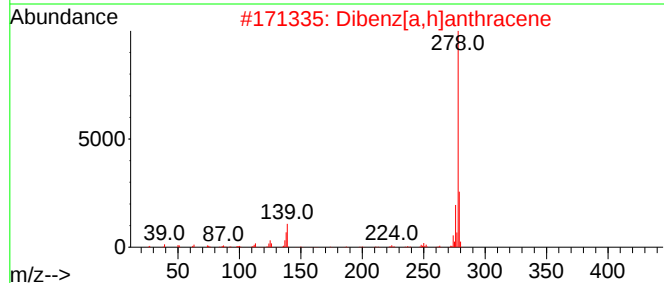
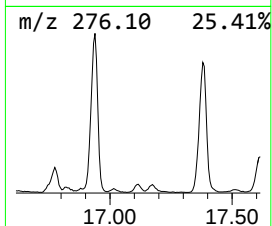
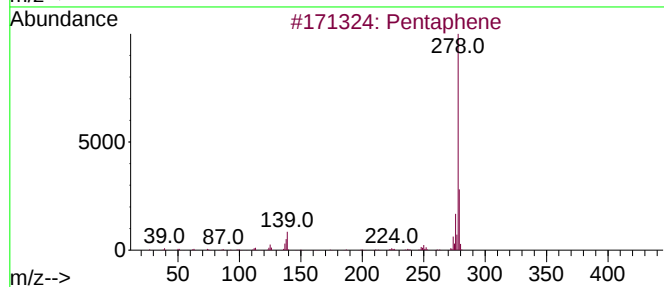
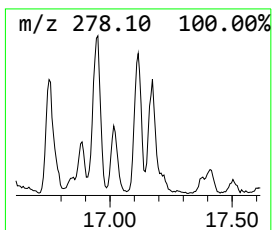
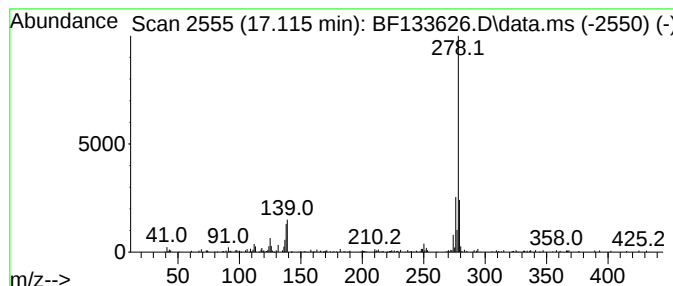
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentaphene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.115	5.48 ng	136343	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentaphene	278	C22H14	000222-93-5	97
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3		Picene	278	C22H14	000213-46-7	97
4		Benzo[b]chrysene	278	C22H14	000214-17-5	96
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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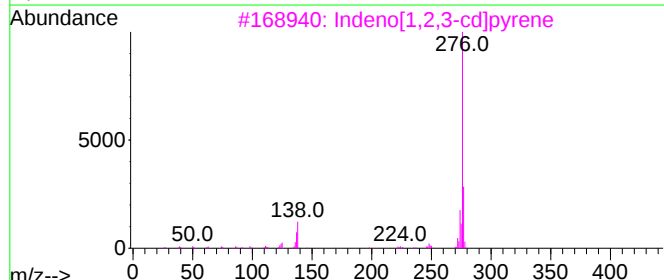
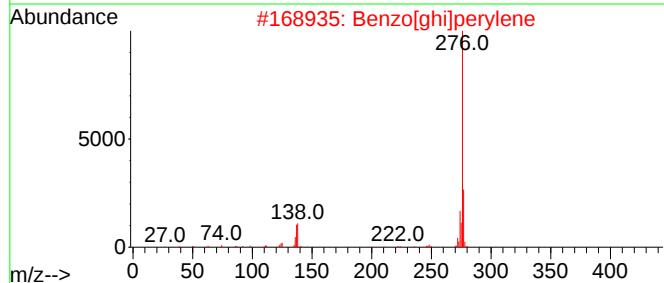
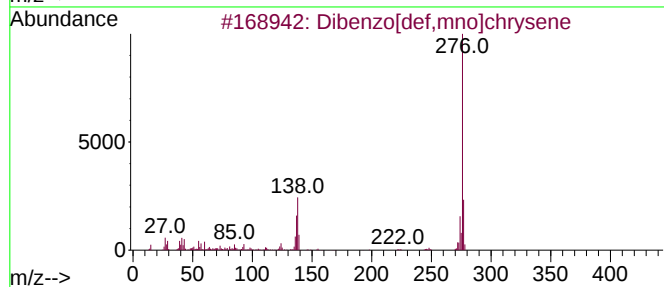
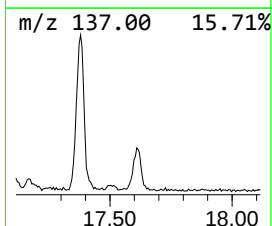
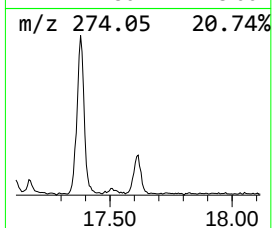
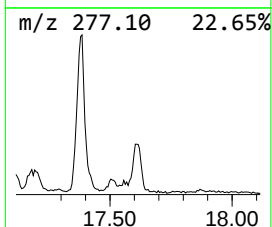
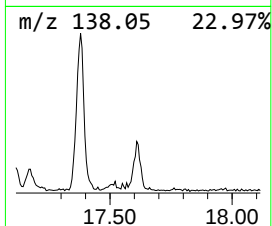
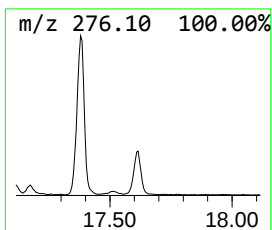
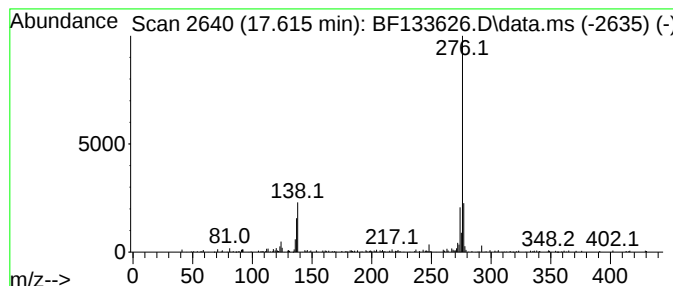
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.615	6.79 ng	168813	Perylene-d12	15.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	96
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5		Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
Data File : BF133626.D
Acq On : 07 Jun 2023 15:50
Operator : CG\JU
Sample : 03018-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
348

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.134	14.8	ng	580850	1	6.834	783853	20.0
2-Hexanol, 2-me...	5.063	3.5	ng	137606	1	6.834	783853	20.0
Benzophenone	10.586	3.4	ng	160807	3	9.875	949298	20.0
unknown10.786	10.786	5.3	ng	216779	4	11.363	818147	20.0
9H-Fluoren-9-one	11.169	3.9	ng	157474	4	11.363	818147	20.0
Octadecane	11.227	4.4	ng	178278	4	11.363	818147	20.0
Dibenzothiophene	11.257	3.8	ng	154356	4	11.363	818147	20.0
Anthracene, 2-m...	11.863	5.3	ng	218235	4	11.363	818147	20.0
Phenanthrene, 2...	11.892	11.1	ng	454974	4	11.363	818147	20.0
4H-Cyclopenta[d...	11.980	11.9	ng	484647	4	11.363	818147	20.0
Naphthalene, 2-...	12.163	5.4	ng	220441	4	11.363	818147	20.0
9,10-Anthracene...	12.186	4.3	ng	174793	4	11.363	818147	20.0
Phenanthrene, 2...	12.416	5.1	ng	207027	4	11.363	818147	20.0
unknown12.457	12.457	3.5	ng	143739	4	11.363	818147	20.0
Cyclopenta(def)...	12.504	5.0	ng	202769	4	11.363	818147	20.0
unknown14.786	14.786	3.4	ng	83285	6	15.474	497407	20.0
Benzo[e]pyrene	15.157	9.6	ng	239447	6	15.474	497407	20.0
Perylene	15.351	34.2	ng	851411	6	15.474	497407	20.0
Pentaphene	17.115	5.5	ng	136343	6	15.474	497407	20.0
Dibenzo[def,mno...	17.615	6.8	ng	168813	6	15.474	497407	20.0