

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
 Data File : BF132488.D
 Acq On : 20 Feb 2023 20:11
 Operator : CG\JU
 Sample : 01552-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-0-2.0

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-BF021623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132488.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	136	138	156	rBV	87887	204079	5.38%	0.369%
2	5.260	407	412	430	rVB	1475802	1800064	47.44%	3.253%
3	5.654	474	479	482	rBV	3891909	3794037	100.00%	6.857%
4	6.648	643	648	651	rBV	3778209	3733245	98.40%	6.747%
5	6.854	679	683	687	rBV2	46482	66440	1.75%	0.120%
6	7.025	709	712	716	rBV	1252058	1073181	28.29%	1.940%
7	7.290	754	757	763	rBV2	48901	52928	1.40%	0.096%
8	7.590	804	808	811	rBV	2737298	2301546	60.66%	4.160%
9	8.313	927	931	934	rBV	1605541	1278311	33.69%	2.310%
10	8.584	974	977	983	rBV2	53068	74308	1.96%	0.134%
11	8.890	1027	1029	1034	rVB2	90167	68987	1.82%	0.125%
12	9.025	1049	1052	1055	rBV2	75800	66800	1.76%	0.121%
13	9.125	1066	1069	1072	rVB	67066	58137	1.53%	0.105%
14	9.254	1088	1091	1096	rBV2	45866	46993	1.24%	0.085%
15	9.325	1100	1103	1106	rVB	113100	105296	2.78%	0.190%
16	9.389	1110	1114	1117	rVV	4665222	3710133	97.79%	6.705%
17	9.460	1123	1126	1129	rBV	217074	212558	5.60%	0.384%
18	9.660	1155	1160	1162	rBV4	37143	51791	1.37%	0.094%
19	9.731	1167	1172	1175	rBV3	94765	106172	2.80%	0.192%
20	9.778	1178	1180	1182	rBV	125518	90445	2.38%	0.163%
21	9.848	1188	1192	1194	rBV2	49733	54976	1.45%	0.099%
22	9.937	1201	1207	1210	rBV	229469	203182	5.36%	0.367%
23	9.989	1213	1216	1219	rVB	161318	128676	3.39%	0.233%
24	10.078	1228	1231	1234	rVB	1502027	1189590	31.35%	2.150%
25	10.107	1234	1236	1239	rVB	232407	185515	4.89%	0.335%
26	10.231	1252	1257	1259	rBV3	43226	65383	1.72%	0.118%
27	10.278	1262	1265	1268	rVV2	103507	114867	3.03%	0.208%
28	10.313	1268	1271	1275	rVB2	71546	64568	1.70%	0.117%
29	10.389	1281	1284	1287	rBV3	67416	76479	2.02%	0.138%
30	10.489	1296	1301	1305	rVB2	120970	149365	3.94%	0.270%
31	10.625	1321	1324	1329	rVB	203668	203075	5.35%	0.367%
32	10.713	1337	1339	1341	rVB2	87601	66304	1.75%	0.120%
33	10.789	1349	1352	1355	rVB2	290830	256917	6.77%	0.464%
34	10.872	1362	1366	1369	rBV	2268747	2031748	53.55%	3.672%
35	10.978	1379	1384	1392	rVB5	120991	232294	6.12%	0.420%
36	11.178	1412	1418	1420	rBV3	98615	140609	3.71%	0.254%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.260	1430	1432	1435	rVB	66662	57148	1.51%	0.103%
38	11.301	1435	1439	1441	rBV3	75421	105984	2.79%	0.192%
39	11.331	1441	1444	1448	rVV3	82019	101611	2.68%	0.184%
40	11.378	1449	1452	1455	rVV	137936	125759	3.31%	0.227%
41	11.419	1456	1459	1462	rVV2	131930	156736	4.13%	0.283%
42	11.472	1465	1468	1471	rVB	141915	126511	3.33%	0.229%
43	11.572	1482	1485	1487	rBV	1172020	1141942	30.10%	2.064%
44	11.601	1487	1490	1493	rVV	2395614	1978476	52.15%	3.576%
45	11.648	1495	1498	1501	rVV	568560	478909	12.62%	0.866%
46	11.683	1501	1504	1506	rVV2	84194	93740	2.47%	0.169%
47	11.725	1509	1511	1514	rBV3	41632	47798	1.26%	0.086%
48	11.801	1520	1524	1529	rBV2	229183	257927	6.80%	0.466%
49	11.848	1529	1532	1533	rVV2	78949	75573	1.99%	0.137%
50	11.866	1533	1535	1538	rVV	81069	63730	1.68%	0.115%
51	11.907	1539	1542	1546	rVB	126049	129023	3.40%	0.233%
52	11.989	1553	1556	1558	rBV2	56442	60891	1.60%	0.110%
53	12.078	1568	1571	1574	rBV2	765110	804339	21.20%	1.454%
54	12.107	1574	1576	1580	rVV	629970	506042	13.34%	0.915%
55	12.154	1581	1584	1587	rVB	229205	193902	5.11%	0.350%
56	12.189	1587	1590	1593	rBV2	693243	856643	22.58%	1.548%
57	12.213	1593	1594	1598	rVB	403486	242349	6.39%	0.438%
58	12.254	1599	1601	1604	rBV	105764	90558	2.39%	0.164%
59	12.313	1608	1611	1613	rBV2	67248	64419	1.70%	0.116%
60	12.336	1613	1615	1618	rBV3	53645	61902	1.63%	0.112%
61	12.372	1618	1621	1623	rVV	326904	276519	7.29%	0.500%
62	12.401	1623	1626	1632	rVB2	262307	253206	6.67%	0.458%
63	12.448	1632	1634	1637	rBV	67446	61622	1.62%	0.111%
64	12.525	1645	1647	1650	rVB	121274	82429	2.17%	0.149%
65	12.554	1650	1652	1654	rVB	115725	77390	2.04%	0.140%
66	12.578	1654	1656	1659	rVB	116972	92426	2.44%	0.167%
67	12.630	1662	1665	1668	rBV	386042	452672	11.93%	0.818%
68	12.719	1677	1680	1685	rBV3	279360	359446	9.47%	0.650%
69	12.801	1690	1694	1697	rBV	3433771	3107946	81.92%	5.617%
70	12.860	1702	1704	1708	rBV2	127448	166173	4.38%	0.300%
71	12.954	1717	1720	1722	rBV	127833	112823	2.97%	0.204%
72	13.036	1727	1734	1738	rBV	3004201	3646870	96.12%	6.591%
73	13.077	1738	1741	1745	rVB2	210443	227485	6.00%	0.411%
74	13.166	1752	1756	1759	rBV	3507266	2971267	78.31%	5.370%
75	13.189	1759	1760	1763	rVB	204404	114950	3.03%	0.208%
76	13.248	1766	1770	1774	rBV2	272768	450927	11.89%	0.815%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.336	1781	1785	1786	rBV5	210656	278813	7.35%	0.504%
78	13.360	1786	1789	1791	rVB	500285	505905	13.33%	0.914%
79	13.425	1797	1800	1802	rBV	319280	248571	6.55%	0.449%
80	13.466	1803	1807	1809	rBV2	374180	389874	10.28%	0.705%
81	13.560	1820	1823	1825	rBV	267698	239685	6.32%	0.433%
82	13.589	1825	1828	1830	rVB	266303	234439	6.18%	0.424%
83	13.866	1873	1875	1880	rVB	242599	259047	6.83%	0.468%
84	14.013	1897	1900	1902	rVB	226100	199552	5.26%	0.361%
85	14.036	1902	1904	1908	rBV2	185968	316128	8.33%	0.571%
86	14.077	1909	1911	1916	rVB	360216	354585	9.35%	0.641%
87	14.189	1928	1930	1933	rBV	532537	532152	14.03%	0.962%
88	14.230	1933	1937	1940	rVV2	1612802	2260294	59.57%	4.085%
89	14.260	1940	1942	1949	rVB	1224226	1228424	32.38%	2.220%
90	14.324	1950	1953	1955	rBV	360124	363964	9.59%	0.658%
91	15.336	2121	2125	2129	rBV	805076	1340860	35.34%	2.423%
92	15.671	2179	2182	2188	rVB	544188	696671	18.36%	1.259%
93	15.742	2190	2194	2201	rVB	759597	1017683	26.82%	1.839%
94	15.807	2202	2205	2209	rBV2	432674	529229	13.95%	0.956%

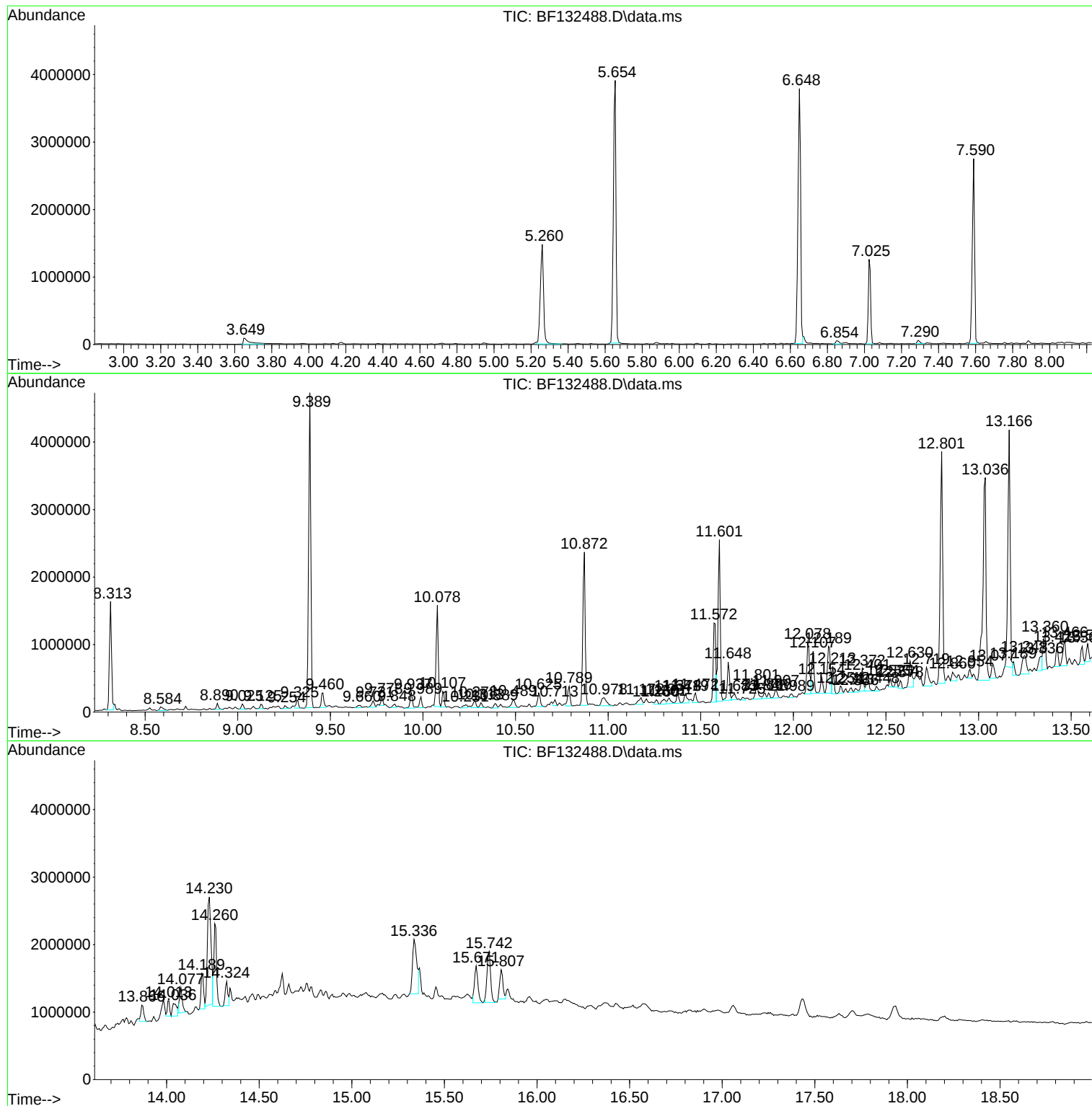
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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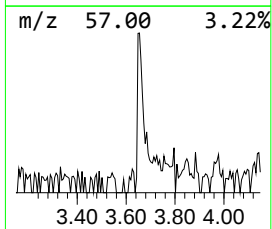
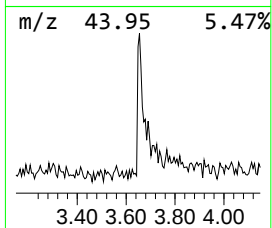
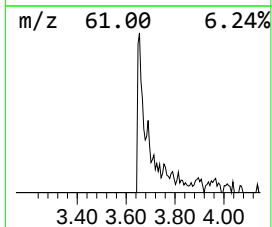
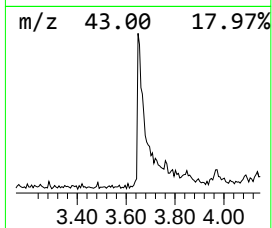
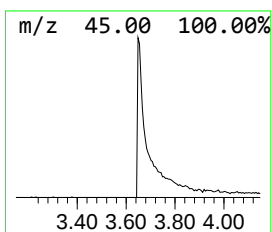
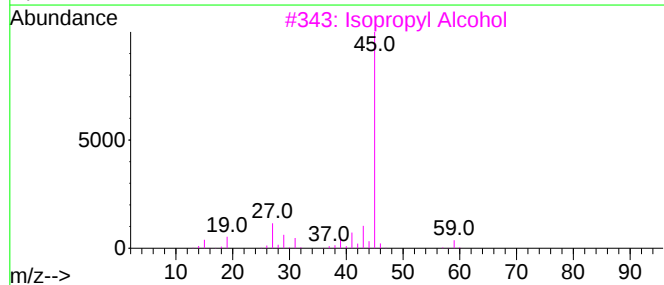
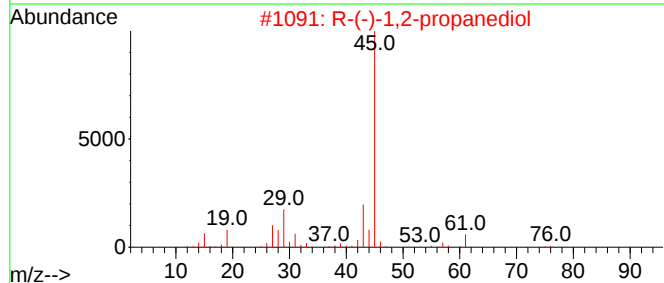
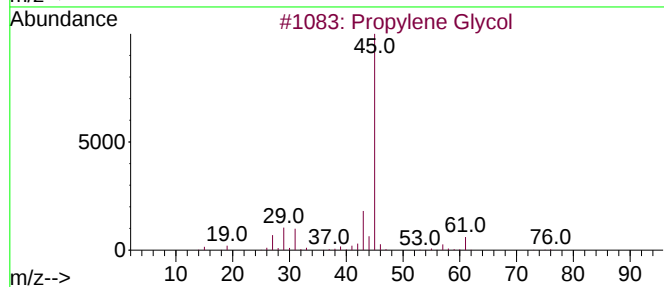
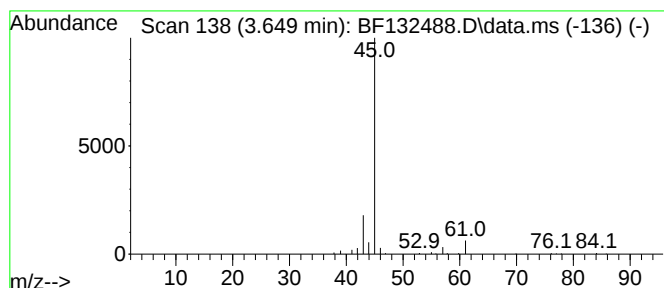
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propylene Glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.649	3.80 ng	204079	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	83
2			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9
5			(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9



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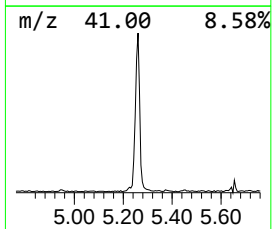
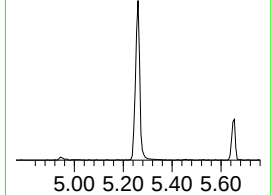
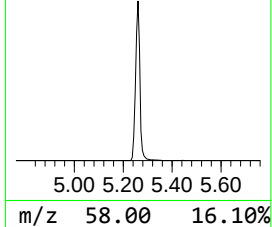
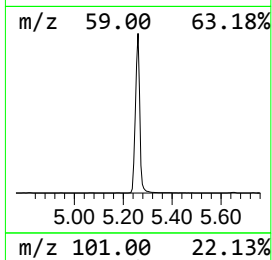
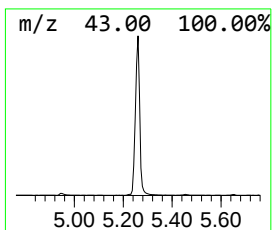
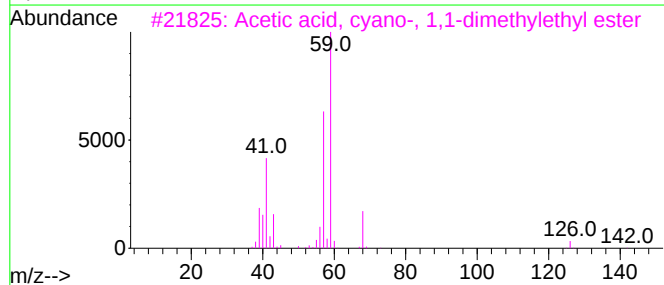
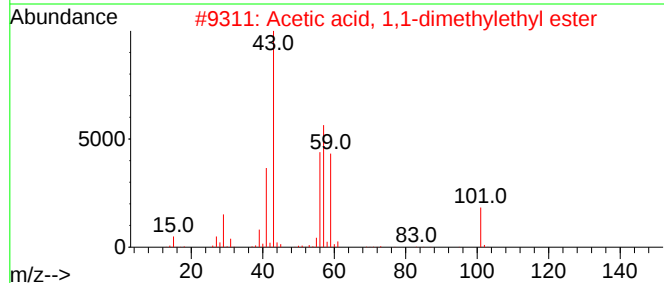
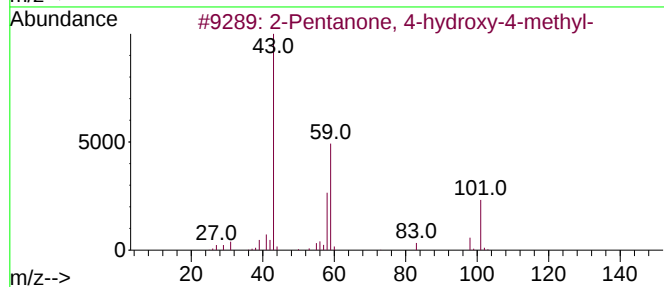
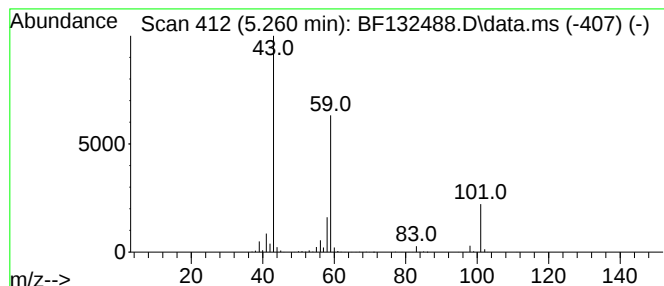
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.260	33.55 ng	1800060	1,4-Dichlorobenzene-d4	7.025

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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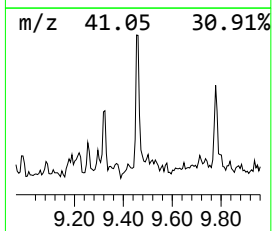
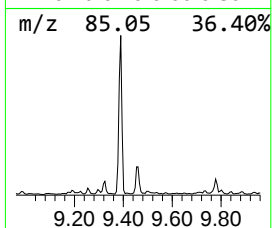
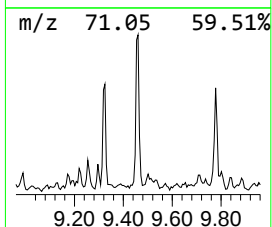
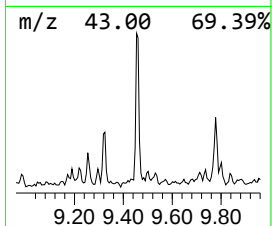
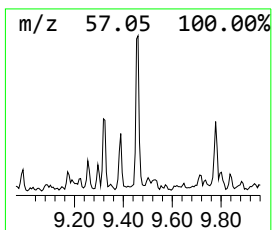
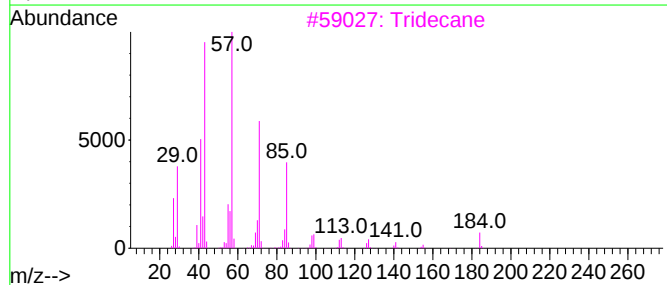
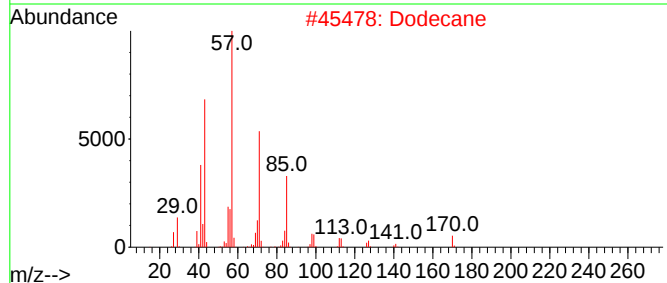
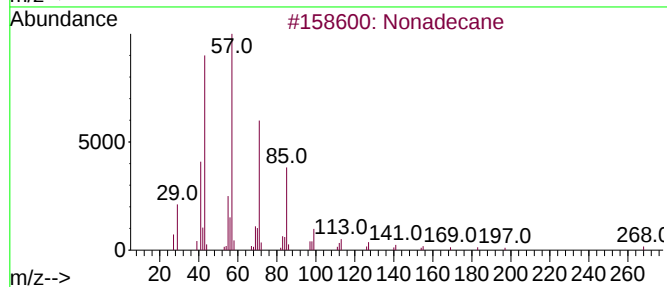
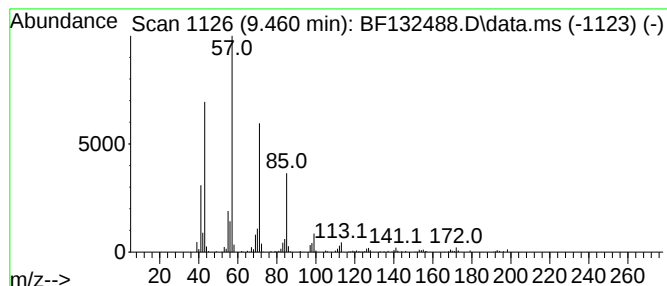
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.460	3.57 ng	212558	Acenaphthene-d10	10.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Dodecane	170	C12H26	000112-40-3	87
3			Tridecane	184	C13H28	000629-50-5	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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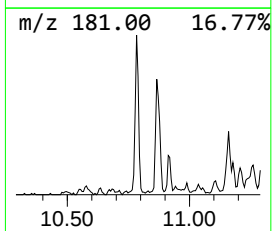
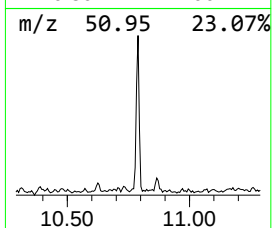
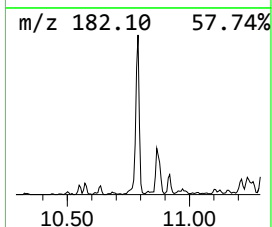
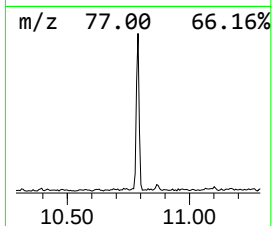
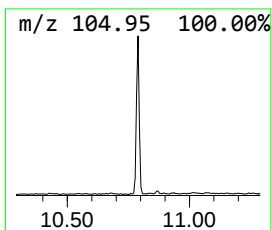
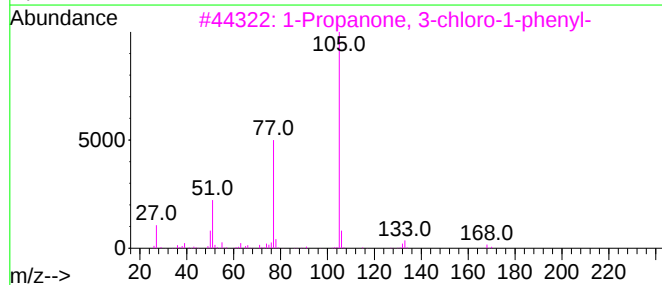
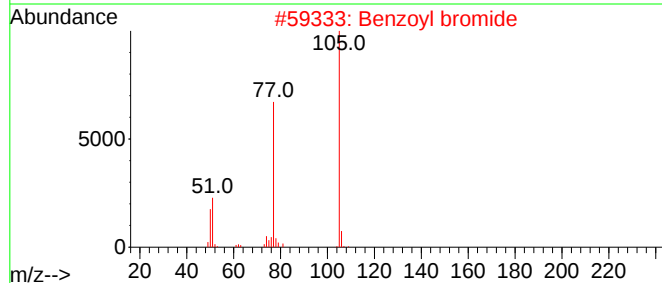
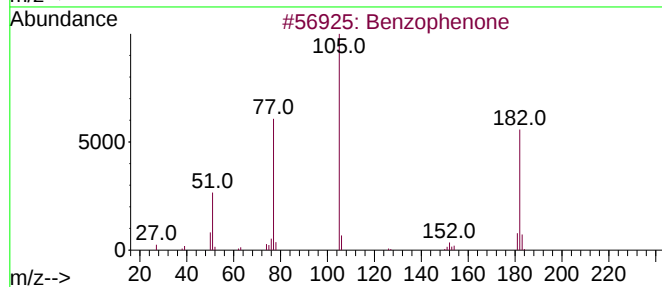
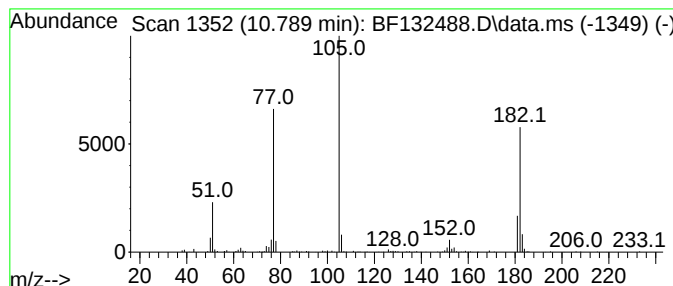
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.789	4.32 ng	256917	Acenaphthene-d10	10.078

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzoyl bromide	184	C7H5BrO	000618-32-6	47
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			2,5-Pyrrolidinedione, 1-(benzoyl...	219	C11H9N04	023405-15-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
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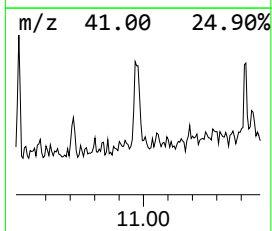
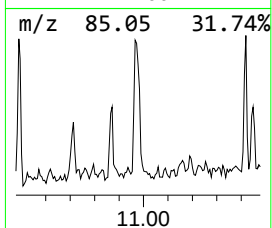
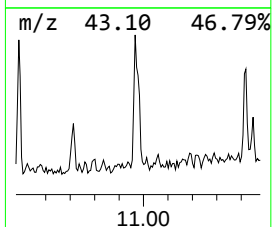
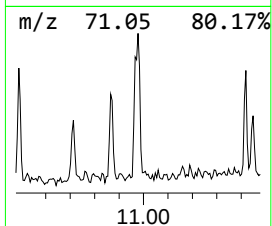
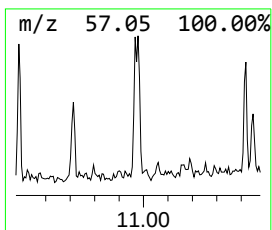
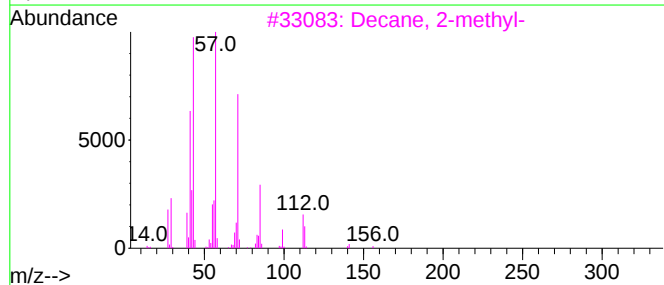
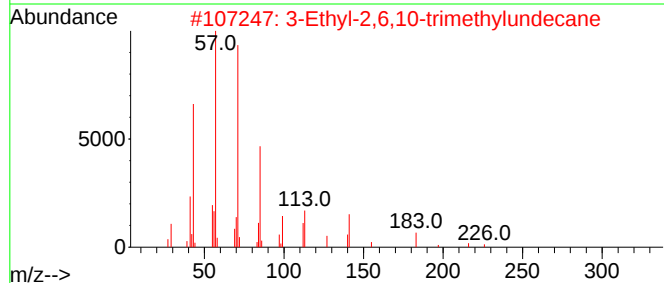
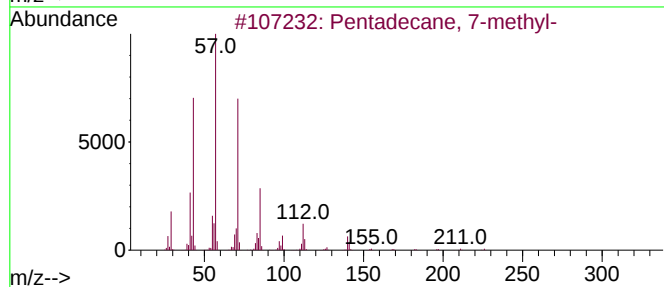
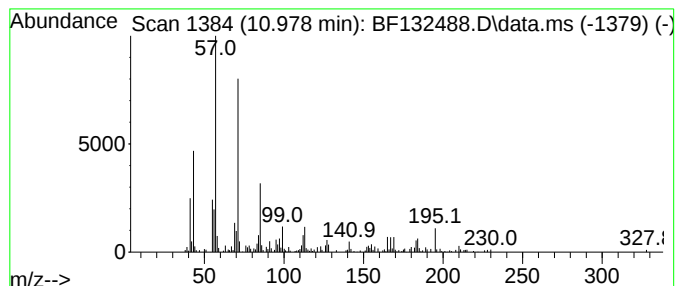
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.978	4.07 ng	232294	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
2			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	89
3			Decane, 2-methyl-	156	C11H24	006975-98-0	87
4			Tridecane	184	C13H28	000629-50-5	83
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
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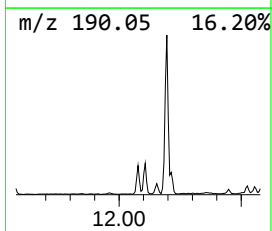
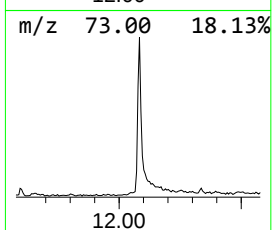
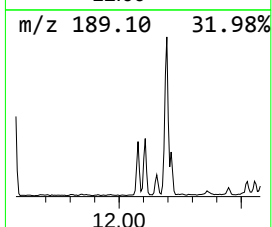
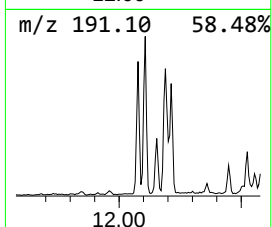
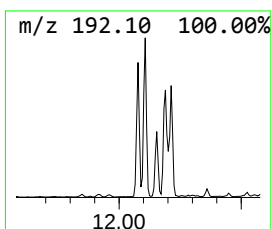
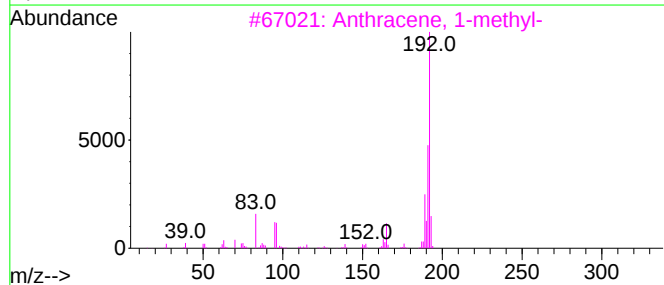
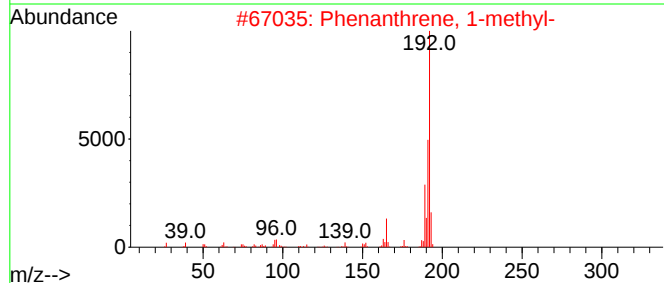
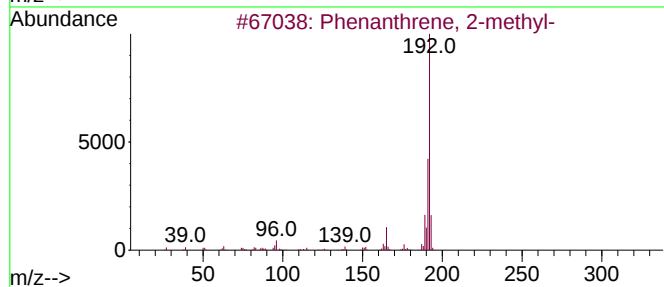
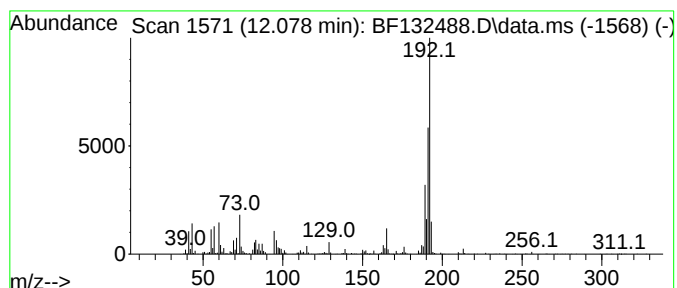
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	14.09 ng	804339	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-05-0-2.0

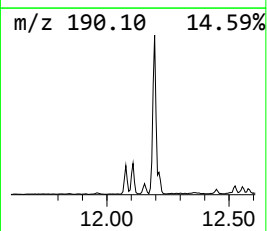
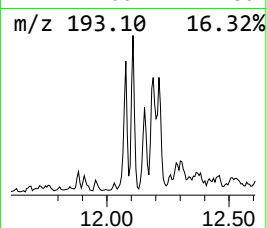
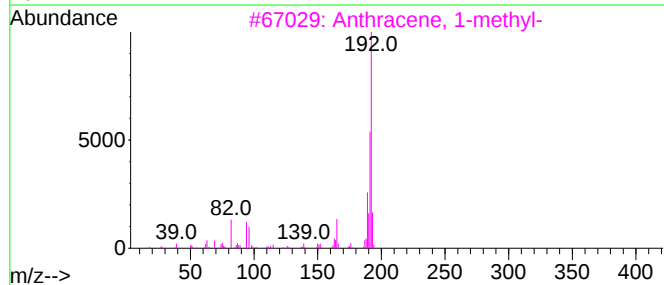
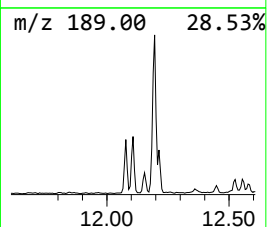
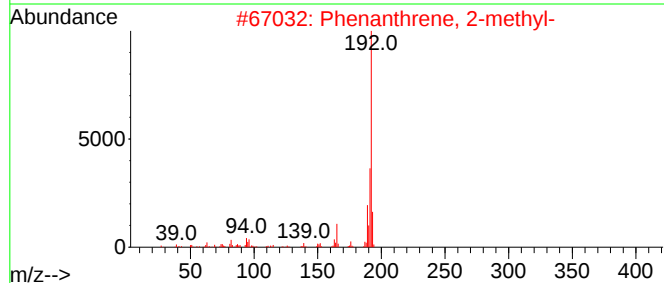
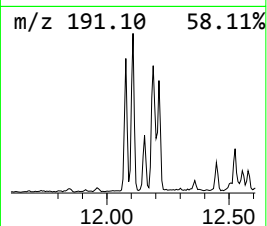
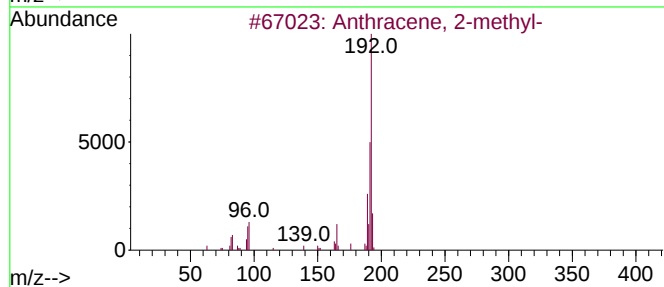
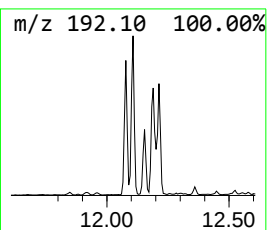
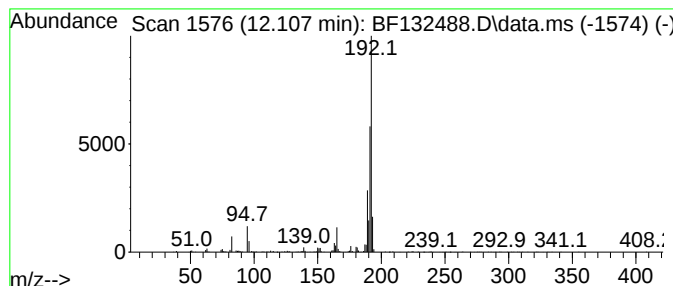
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.107	8.86 ng	506042	Phenanthrene-d10	11.578

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, 1-methyl-	192	C15H12	000610-48-0	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
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Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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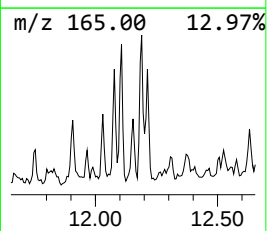
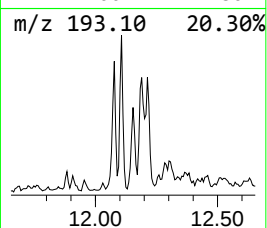
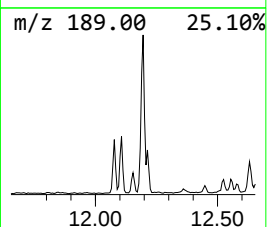
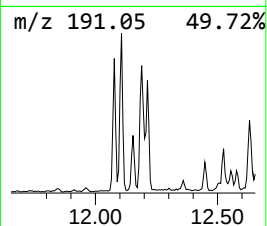
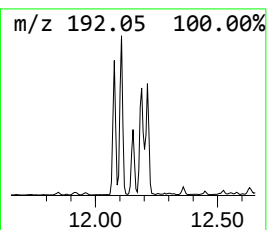
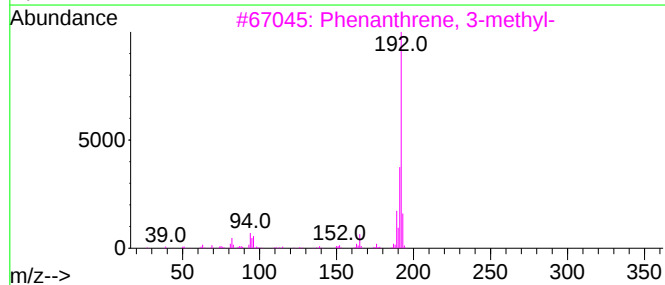
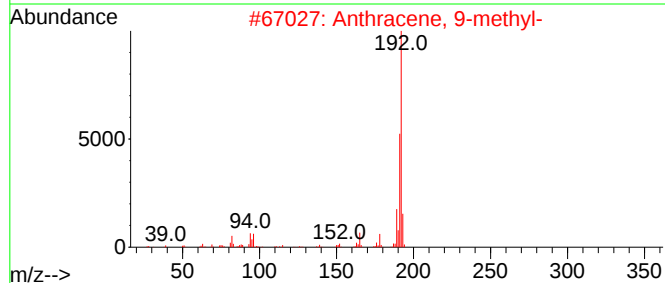
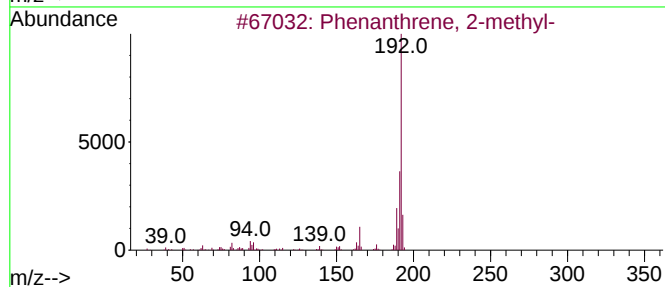
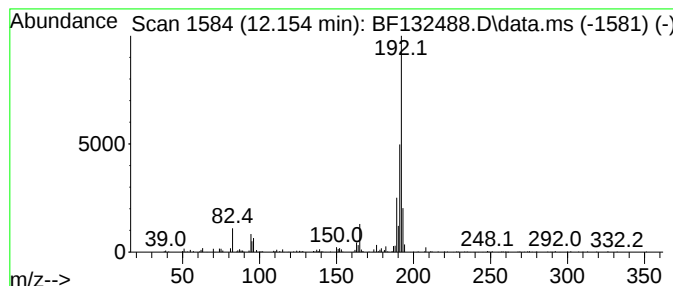
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.154	3.40 ng	193902	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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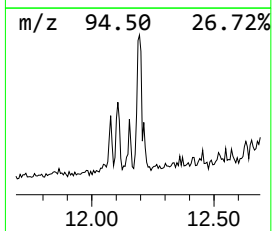
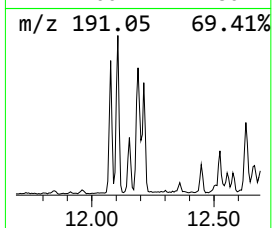
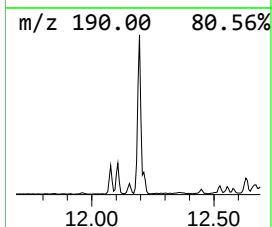
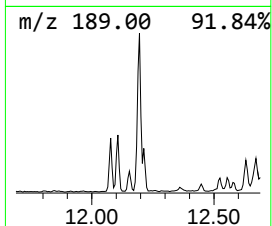
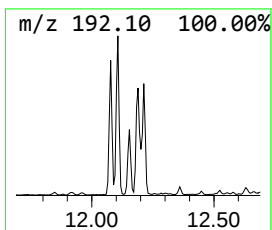
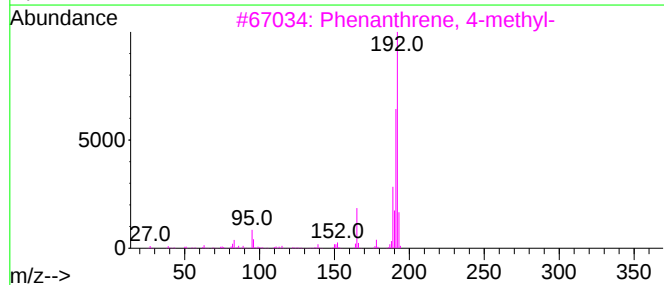
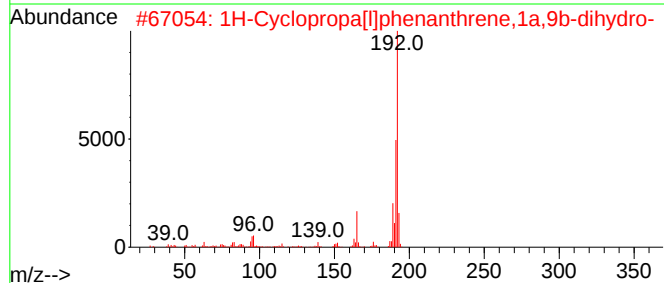
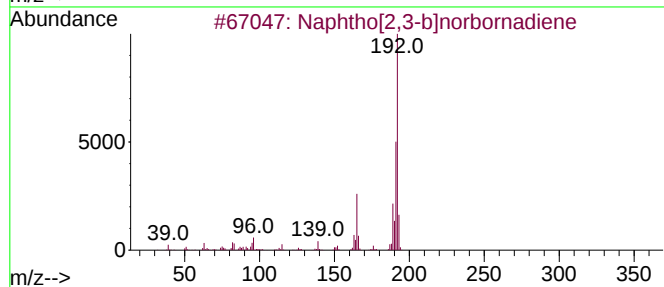
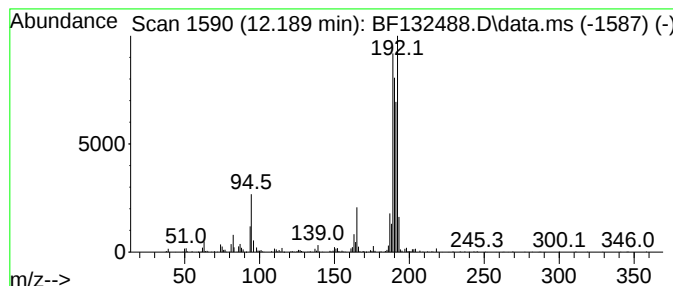
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphtho[2,3-b]norbornadiene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.189	15.00 ng	856643	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	46
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
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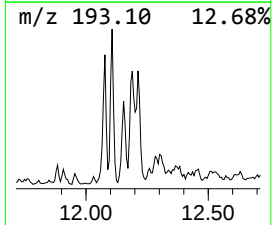
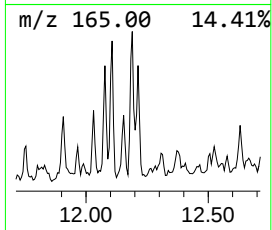
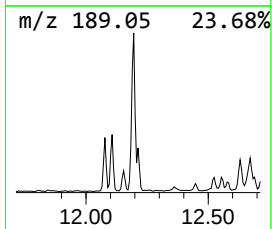
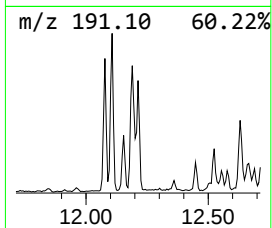
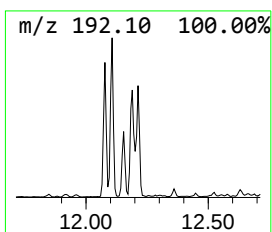
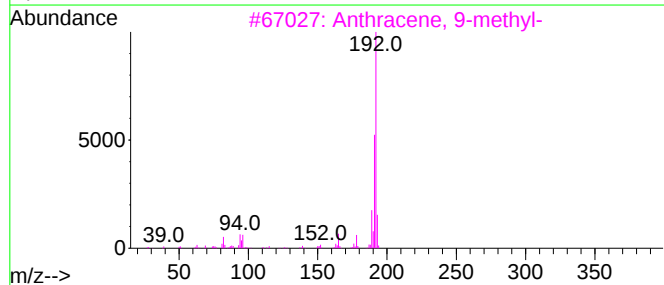
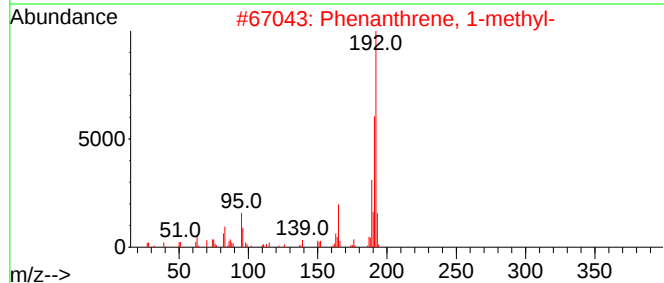
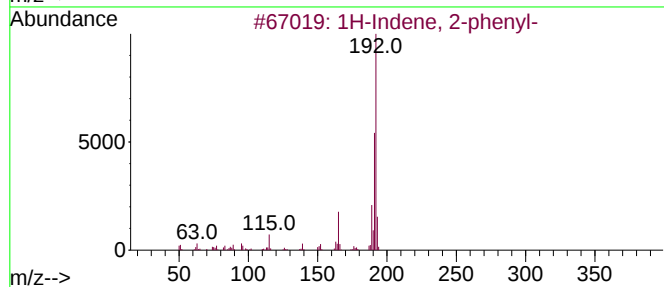
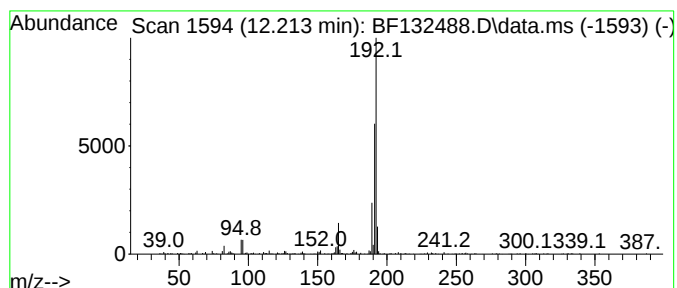
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.213	4.24 ng	242349	Phenanthrene-d10	11.578

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	74
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	74



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Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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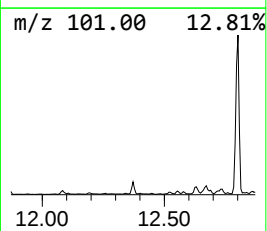
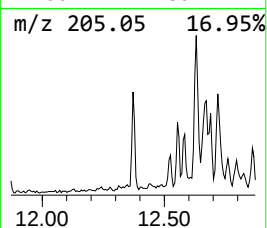
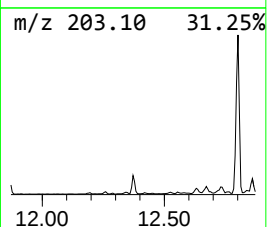
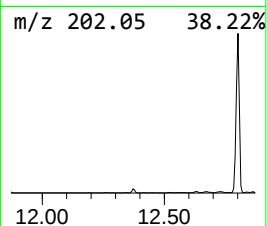
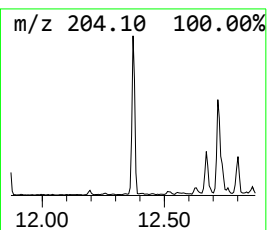
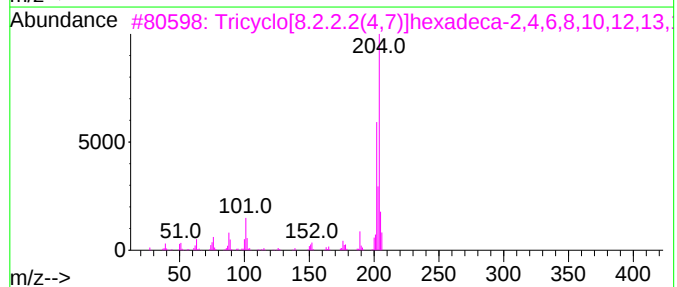
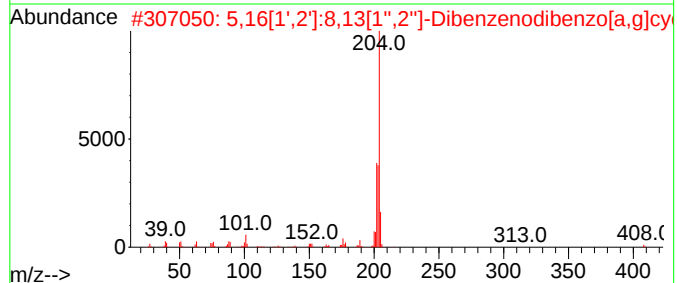
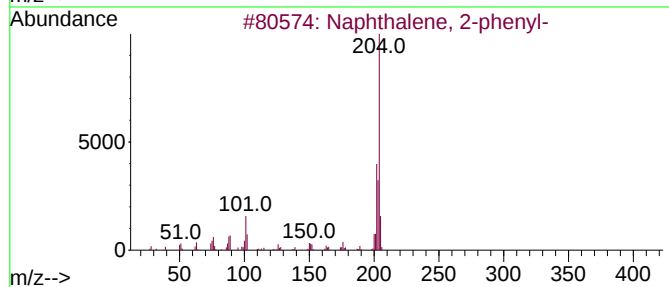
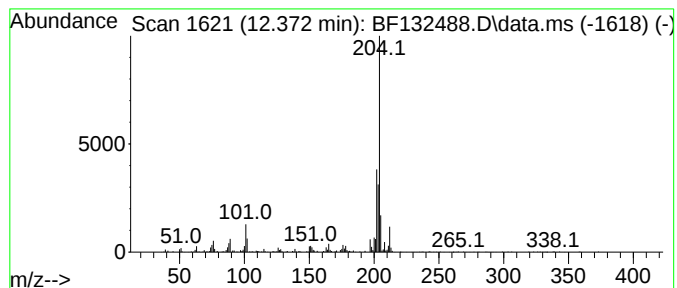
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	4.84 ng	276519	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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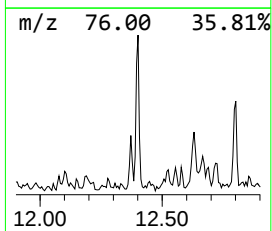
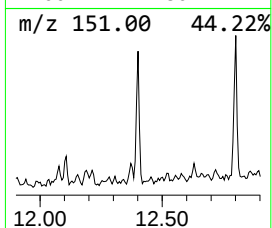
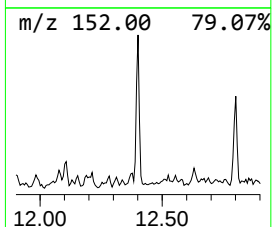
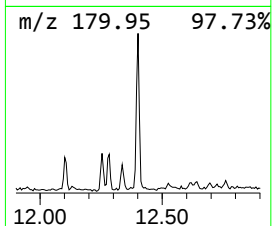
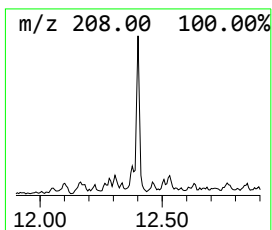
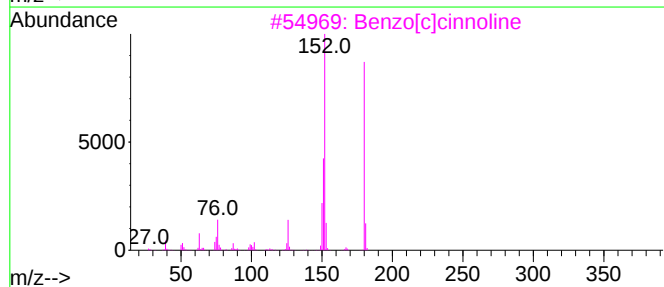
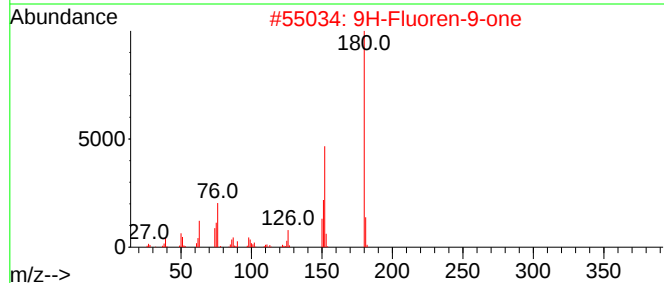
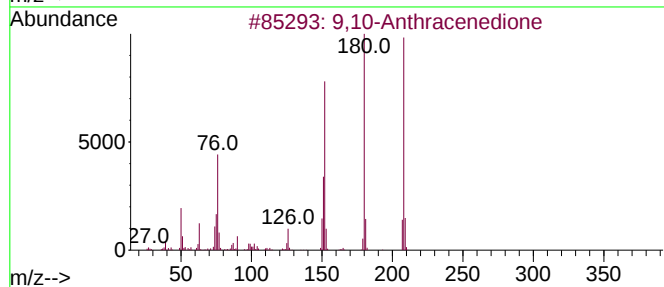
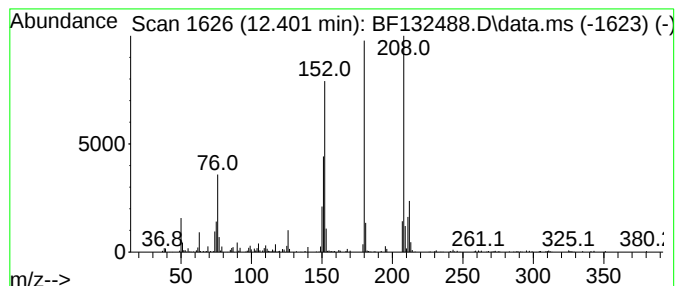
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.401	4.43 ng	253206	Phenanthrene-d10	11.578

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



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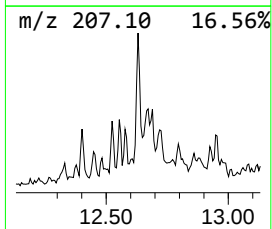
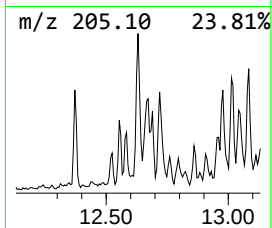
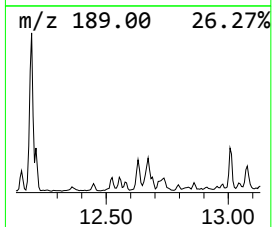
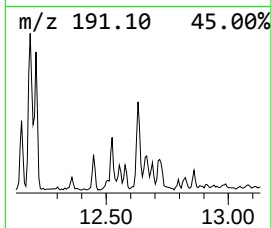
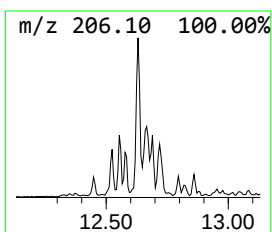
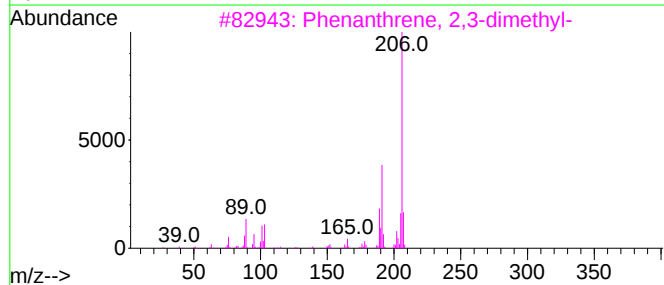
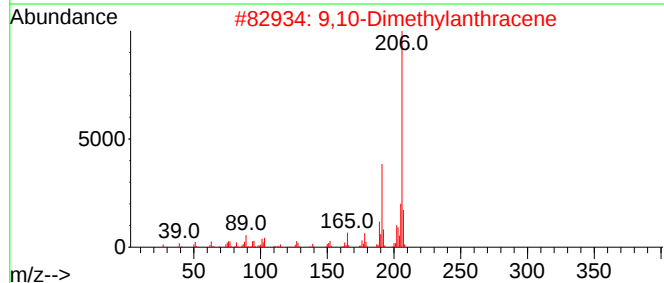
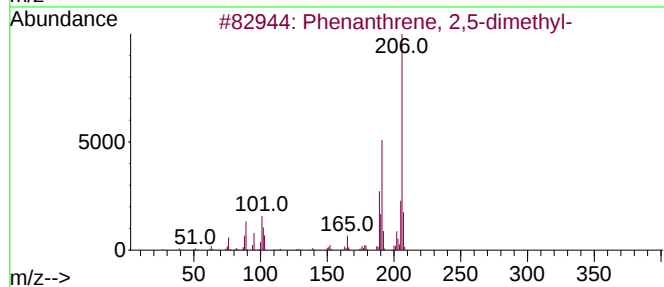
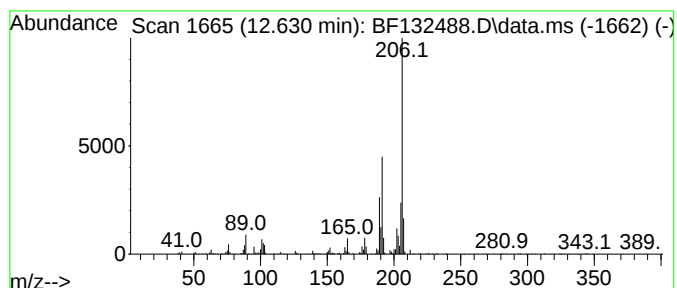
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.630	7.93 ng	452672	Phenanthrene-d10	11.578

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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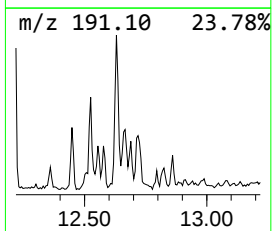
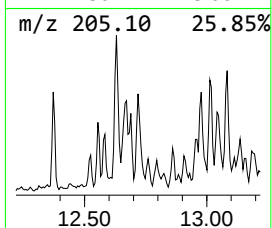
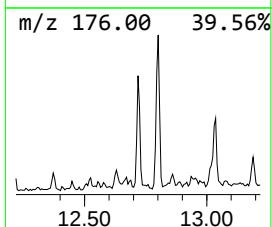
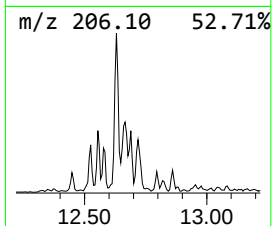
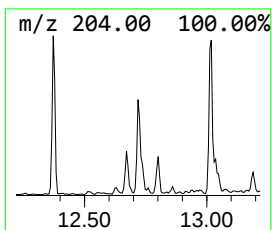
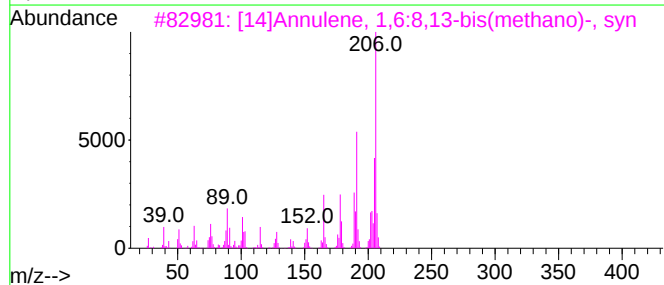
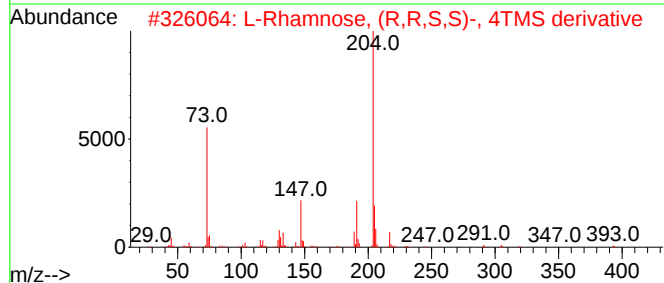
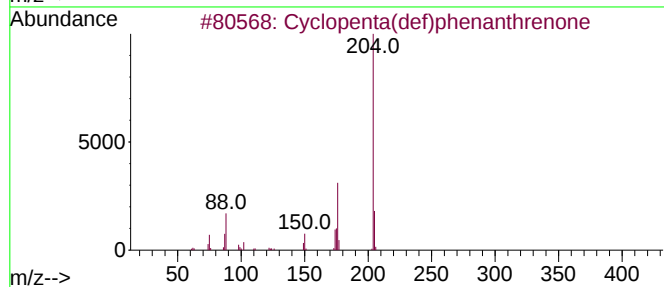
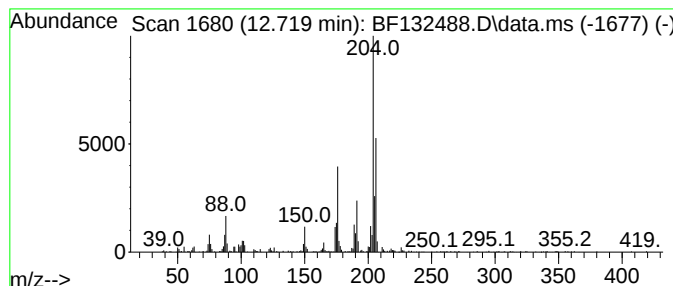
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.719	6.30 ng	359446	Phenanthrene-d10			11.578
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	98
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...		452	C18H44O5Si4	108392-01-4	43
3	[14]Annulene, 1,6:8,13-bis(metha...		206	C16H14	085385-68-8	42
4	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	38
5	9,10-Dimethylantracene		206	C16H14	000781-43-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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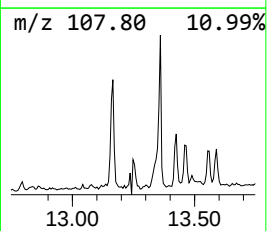
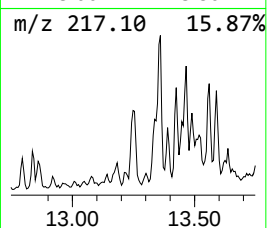
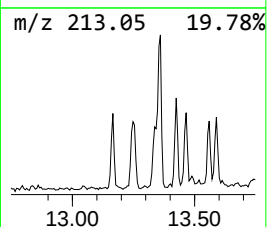
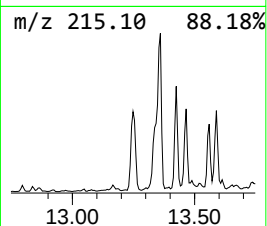
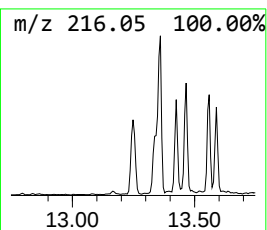
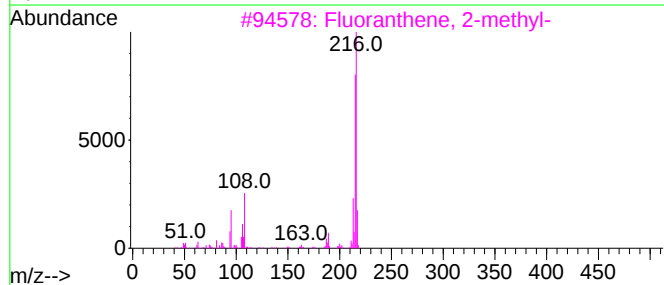
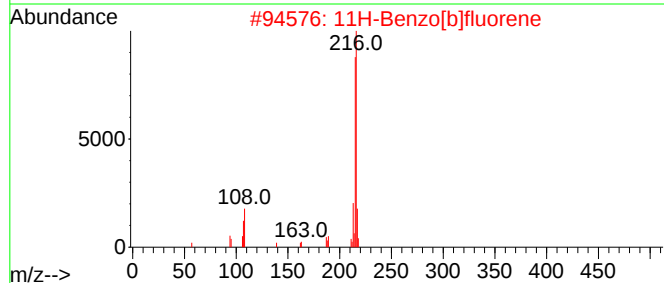
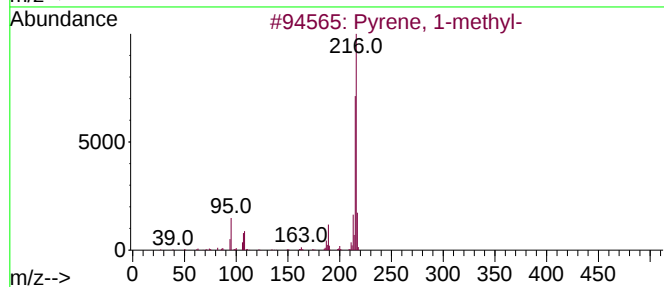
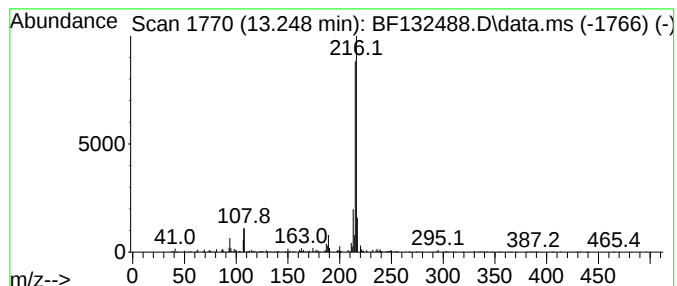
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.248	3.99 ng	450927	Chrysene-d12	14.236	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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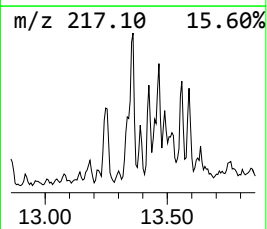
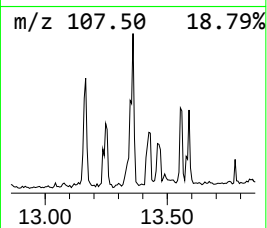
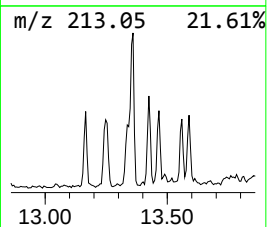
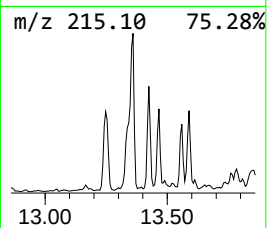
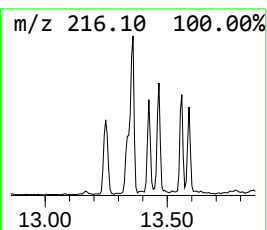
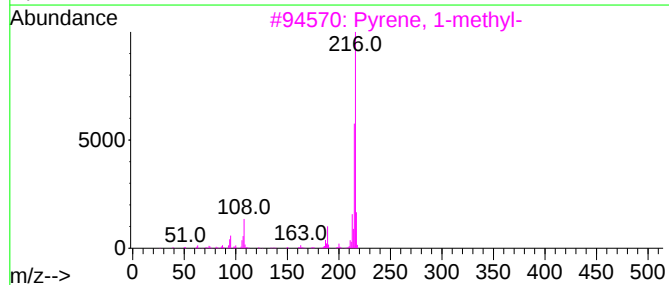
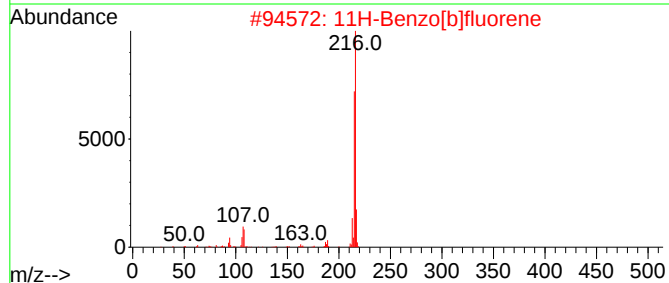
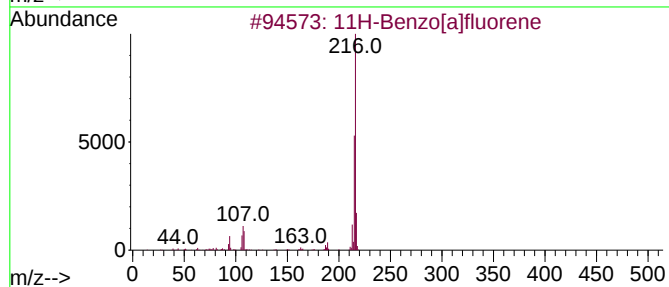
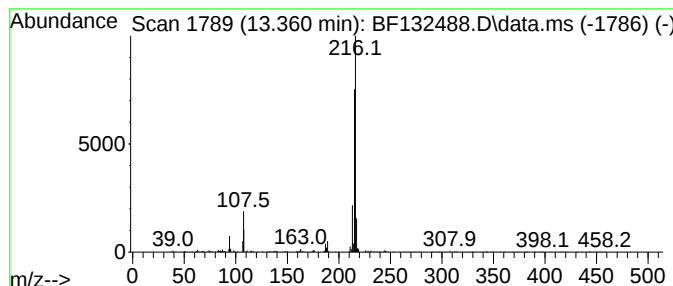
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.360	4.48 ng	505905	Chrysene-d12	14.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5			trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
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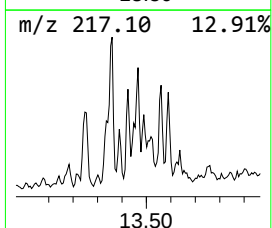
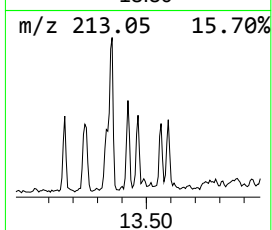
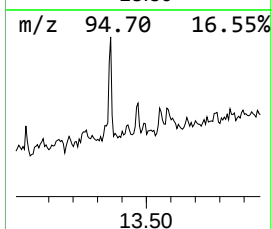
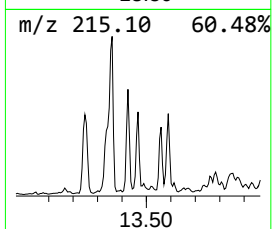
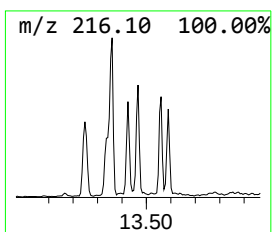
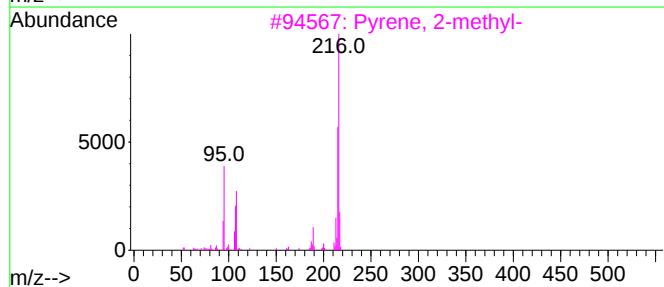
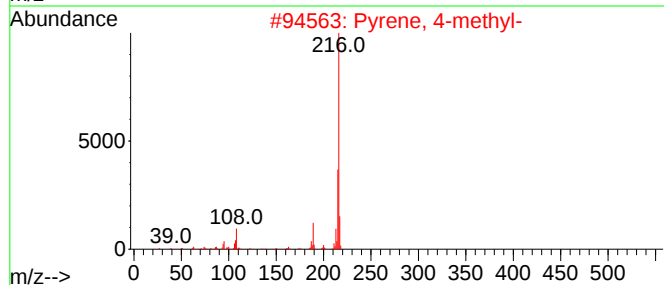
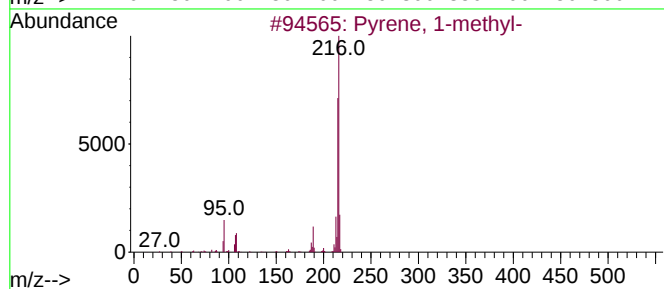
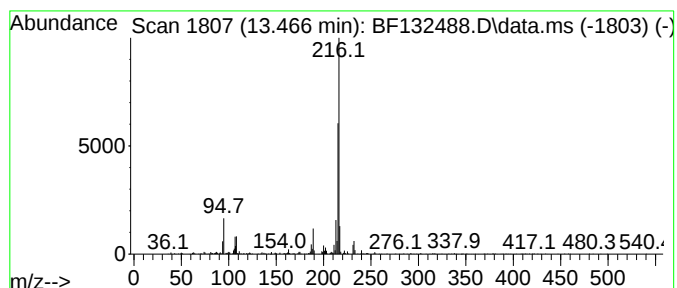
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ClientSampleId :
SB-05-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.466	3.45 ng	389874	Chrysene-d12		14.236	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-		216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-		216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene		216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

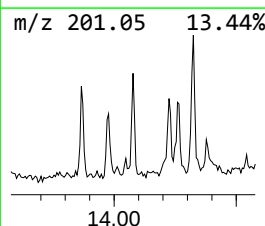
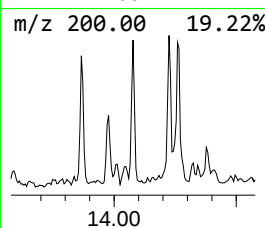
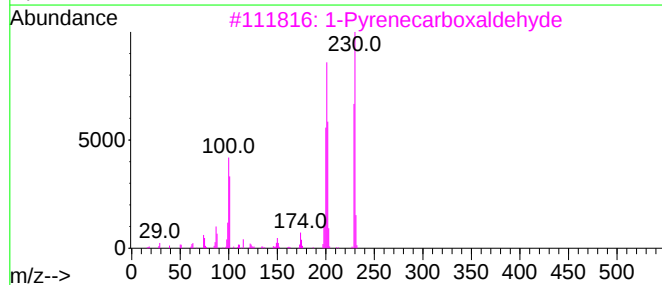
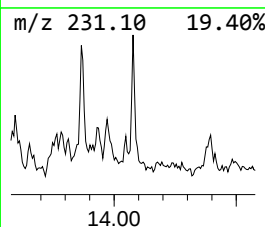
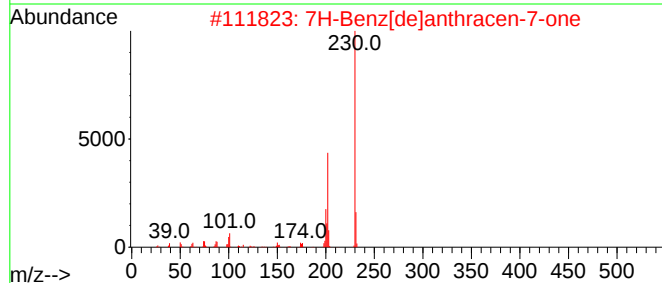
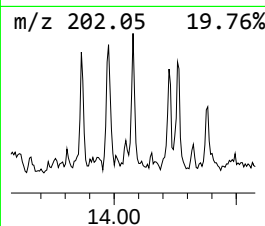
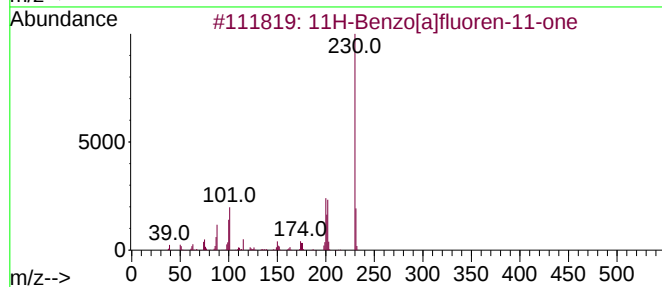
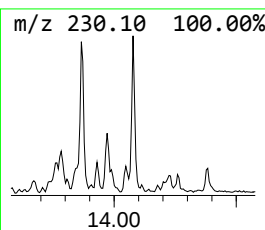
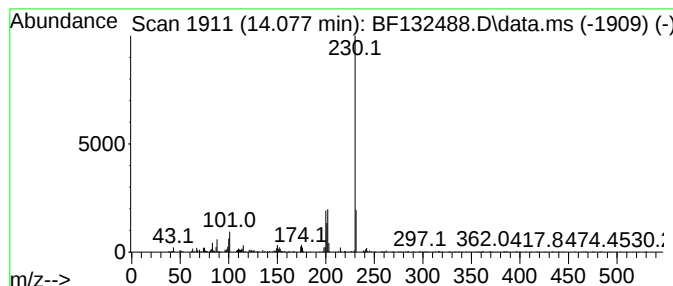
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.077	3.14 ng	354585	Chrysene-d12	14.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
4			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
5			o-Terphenyl	230	C18H14	000084-15-1	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

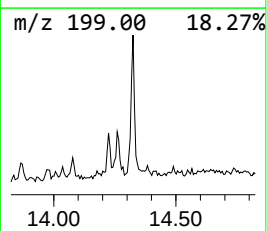
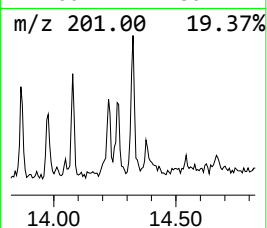
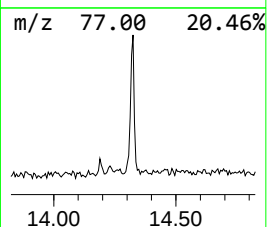
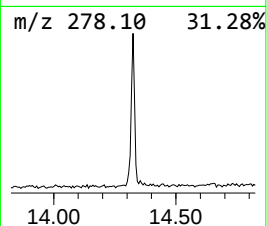
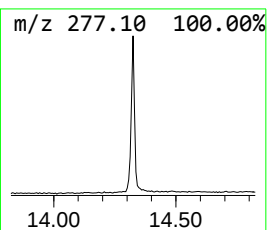
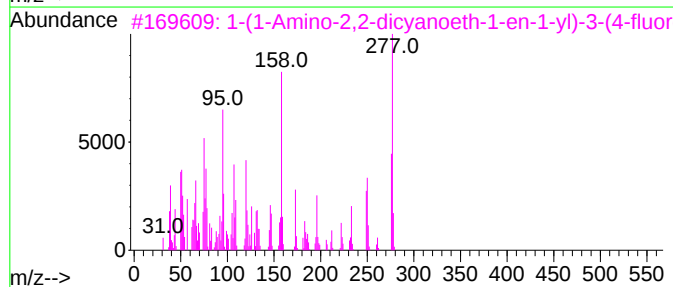
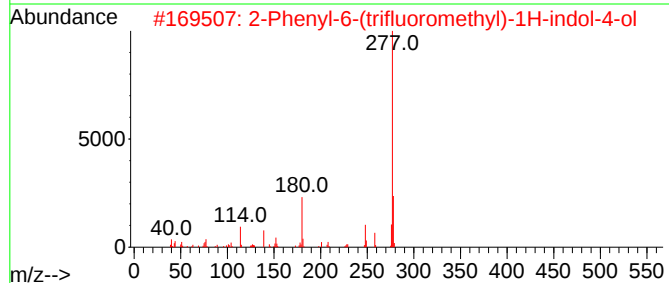
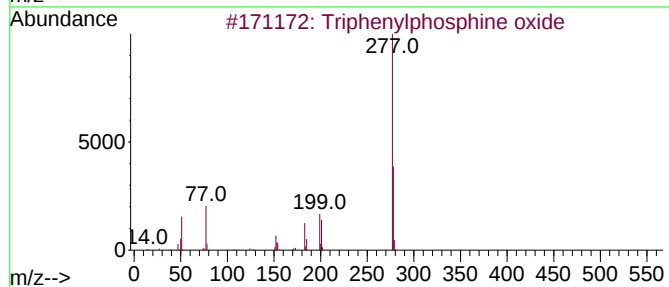
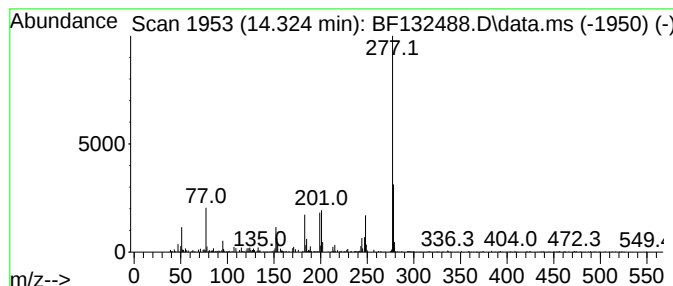
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Triphenylphosphine oxide Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.325	3.22 ng	363964	Chrysene-d12	14.236

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2			2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	52
3			1-(1-Amino-2,2-dicyanoeth-1-en-1-...	277	C15H8FN5	1000435-42-5	49
4			(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19N03S	1000483-83-4	43
5			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

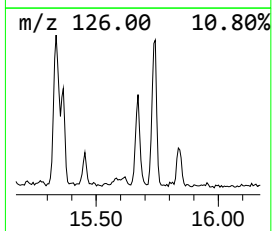
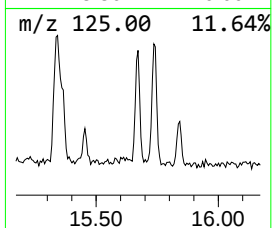
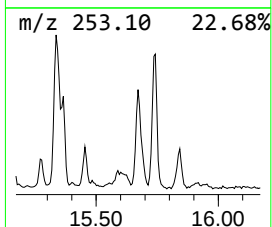
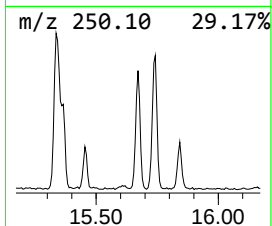
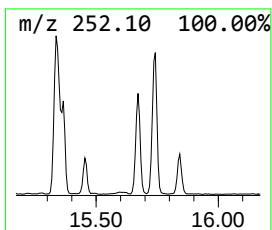
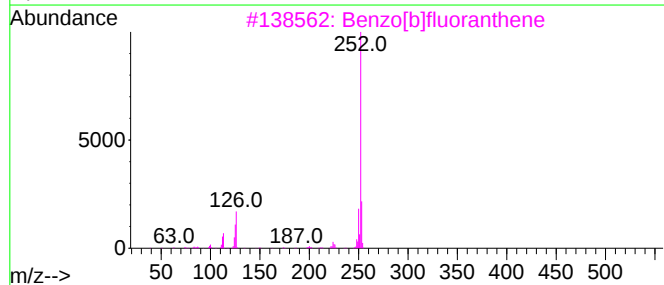
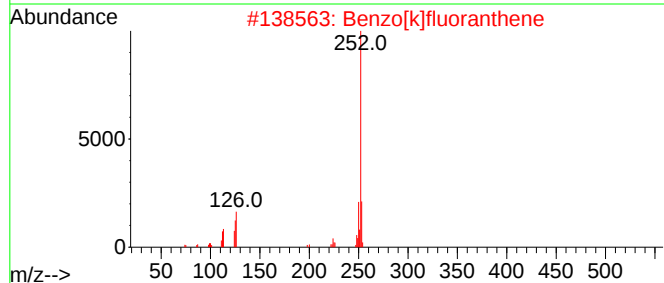
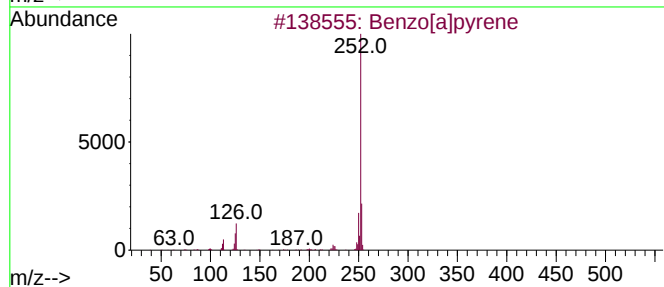
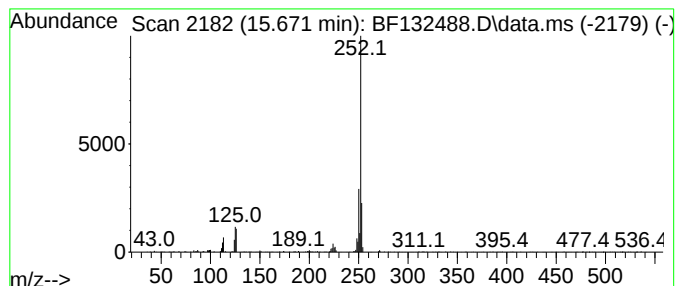
Instrument :
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ClientSampleId :
SB-05-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.671	26.33 ng	696671	Perylene-d12	15.807	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[e]pyrene	252	C20H12	000192-97-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132488.D
Acq On : 20 Feb 2023 20:11
Operator : CG\JU
Sample : 01552-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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
Propylene Glycol	3.649	3.8	ng	204079	1	7.025	1073180	20.0
2-Pentanone, 4-...	5.260	33.5	ng	1800060	1	7.025	1073180	20.0
Nonadecane	9.460	3.6	ng	212558	3	10.078	1189590	20.0
Benzophenone	10.789	4.3	ng	256917	3	10.078	1189590	20.0
Pentadecane, 7-...	10.978	4.1	ng	232294	4	11.578	1141940	20.0
Phenanthrene, 2...	12.078	14.1	ng	804339	4	11.578	1141940	20.0
Anthracene, 2-m...	12.107	8.9	ng	506042	4	11.578	1141940	20.0
Anthracene, 9-m...	12.154	3.4	ng	193902	4	11.578	1141940	20.0
Naphtho[2,3-b]n...	12.189	15.0	ng	856643	4	11.578	1141940	20.0
1H-Indene, 2-ph...	12.213	4.2	ng	242349	4	11.578	1141940	20.0
Naphthalene, 2-...	12.372	4.8	ng	276519	4	11.578	1141940	20.0
9,10-Anthracene...	12.401	4.4	ng	253206	4	11.578	1141940	20.0
Phenanthrene, 2...	12.630	7.9	ng	452672	4	11.578	1141940	20.0
Cyclopenta(def)...	12.719	6.3	ng	359446	4	11.578	1141940	20.0
Pyrene, 1-methyl-	13.248	4.0	ng	450927	5	14.236	2260290	20.0
11H-Benzo[a]flu...	13.360	4.5	ng	505905	5	14.236	2260290	20.0
Pyrene, 4-methyl-	13.466	3.5	ng	389874	5	14.236	2260290	20.0
11H-Benzo[a]flu...	14.077	3.1	ng	354585	5	14.236	2260290	20.0
Triphenylphosph...	14.325	3.2	ng	363964	5	14.236	2260290	20.0
Benzo[e]pyrene	15.671	26.3	ng	696671	6	15.807	529229	20.0