

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135994.D
 Acq On : 27 Oct 2023 20:08
 Operator : CG\JU
 Sample : 04767-06 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q-4(0-5)

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-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135994.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	12	16	22	rVB2	25868	36325	1.82%	0.109%
2	3.898	304	308	313	rVB	47132	60320	3.02%	0.181%
3	5.040	499	502	511	rVB	121603	143652	7.19%	0.430%
4	5.445	567	571	574	rVB	2152336	1875776	93.85%	5.617%
5	5.675	604	610	613	rBV2	29788	35758	1.79%	0.107%
6	6.110	681	684	686	rVB	46222	38314	1.92%	0.115%
7	6.451	735	742	745	rBV	2032653	1883698	94.24%	5.641%
8	6.651	773	776	783	rBV3	67764	78843	3.94%	0.236%
9	6.828	802	806	809	rBV	1067314	930589	46.56%	2.787%
10	7.381	896	900	903	rVB	1380293	1116606	55.86%	3.344%
11	8.104	1018	1023	1025	rBV	1566588	1230858	61.58%	3.686%
12	8.128	1025	1027	1030	rVV	633327	475894	23.81%	1.425%
13	8.533	1092	1096	1100	rBV	34383	40189	2.01%	0.120%
14	8.698	1121	1124	1127	rBV	59161	56044	2.80%	0.168%
15	8.816	1141	1144	1148	rVB	360746	269545	13.49%	0.807%
16	8.916	1156	1161	1164	rVB	316806	235154	11.76%	0.704%
17	9.180	1203	1206	1209	rVV	2541456	1998782	100.00%	5.986%
18	9.269	1217	1221	1225	rBV2	92894	128814	6.44%	0.386%
19	9.380	1237	1240	1244	rVB2	31400	44016	2.20%	0.132%
20	9.445	1244	1251	1255	rBV2	92813	132014	6.60%	0.395%
21	9.516	1260	1263	1266	rBV	148146	146807	7.34%	0.440%
22	9.545	1266	1268	1271	rVB	105230	75545	3.78%	0.226%
23	9.586	1271	1275	1278	rBV3	45181	48207	2.41%	0.144%
24	9.633	1281	1283	1285	rBV	66054	55262	2.76%	0.165%
25	9.722	1293	1298	1302	rBV	198164	178305	8.92%	0.534%
26	9.798	1309	1311	1316	rVB	76848	59395	2.97%	0.178%
27	9.863	1316	1322	1325	rBV	1377434	1161030	58.09%	3.477%
28	9.892	1325	1327	1331	rVB	152164	127332	6.37%	0.381%
29	9.969	1336	1340	1344	rBV2	35172	39886	2.00%	0.119%
30	10.063	1350	1356	1360	rVB	157465	152568	7.63%	0.457%
31	10.104	1360	1363	1365	rBV	57776	43457	2.17%	0.130%
32	10.180	1373	1376	1378	rVB2	47280	41353	2.07%	0.124%
33	10.269	1387	1391	1393	rBV3	43704	49607	2.48%	0.149%
34	10.304	1395	1397	1402	rVV2	66822	65133	3.26%	0.195%
35	10.410	1412	1415	1421	rVB	223175	212039	10.61%	0.635%
36	10.522	1432	1434	1437	rVV2	53092	52384	2.62%	0.157%

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Integrator: RTE

Smoothing : ON

Filtering: 5

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Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.569	1439	1442	1447	rVV3	54477	59950	3.00%	0.180%
38	10.645	1451	1455	1460	rVV	977487	905032	45.28%	2.710%
39	10.780	1475	1478	1483	rVB2	118138	166952	8.35%	0.500%
40	10.963	1504	1509	1511	rBV2	49679	67179	3.36%	0.201%

41	11.157	1539	1542	1546	rVB3	42414	41164	2.06%	0.123%
42	11.227	1552	1554	1556	rVV	117937	105138	5.26%	0.315%
43	11.245	1556	1557	1566	rVB2	116215	141665	7.09%	0.424%
44	11.351	1572	1575	1577	rBV	1150514	940627	47.06%	2.817%
45	11.374	1577	1579	1583	rVV	1166630	954548	47.76%	2.859%

46	11.427	1583	1588	1591	rVB	358832	302646	15.14%	0.906%
47	11.463	1591	1594	1597	rBV2	53908	59142	2.96%	0.177%
48	11.580	1611	1614	1617	rBV	113389	94009	4.70%	0.282%
49	11.657	1624	1627	1630	rBV2	147554	135547	6.78%	0.406%
50	11.686	1630	1632	1635	rVB	94082	70216	3.51%	0.210%

51	11.769	1643	1646	1650	rVB	64389	76496	3.83%	0.229%
52	11.833	1650	1657	1658	rBV7	24964	49435	2.47%	0.148%
53	11.857	1658	1661	1663	rVV	205253	187942	9.40%	0.563%
54	11.886	1663	1666	1671	rVV	316797	304837	15.25%	0.913%
55	11.933	1671	1674	1676	rVV	95234	92140	4.61%	0.276%

56	11.969	1676	1680	1682	rVV	398060	393914	19.71%	1.180%
57	11.992	1682	1684	1689	rVB	171110	145082	7.26%	0.434%
58	12.069	1690	1697	1699	rBV	151417	167294	8.37%	0.501%
59	12.092	1699	1701	1703	rVB2	54394	40622	2.03%	0.122%
60	12.157	1709	1712	1714	rBV	133816	121364	6.07%	0.363%

61	12.286	1732	1734	1736	rBV	53818	51426	2.57%	0.154%
62	12.333	1740	1742	1744	rVV	61566	53098	2.66%	0.159%
63	12.357	1744	1746	1749	rVB2	78846	68454	3.42%	0.205%
64	12.410	1752	1755	1758	rBV	178159	178740	8.94%	0.535%
65	12.445	1758	1761	1762	rVV2	94676	94361	4.72%	0.283%

66	12.463	1762	1764	1767	rVB2	206204	173358	8.67%	0.519%
67	12.492	1767	1769	1774	rBV3	85506	117873	5.90%	0.353%
68	12.574	1779	1783	1786	rBV	1575986	1339691	67.03%	4.012%
69	12.621	1786	1791	1796	rBV4	59784	85390	4.27%	0.256%
70	12.668	1796	1799	1802	rBV2	101080	104308	5.22%	0.312%

71	12.721	1806	1808	1812	rVB3	64144	64669	3.24%	0.194%
72	12.804	1816	1822	1825	rBV	1659061	1551395	77.62%	4.646%
73	12.839	1825	1828	1830	rVB	121661	104342	5.22%	0.312%
74	12.921	1839	1842	1844	rBV	97120	84738	4.24%	0.254%
75	12.951	1844	1847	1854	rVB	2101972	1824269	91.27%	5.463%

76	13.021	1855	1859	1862	rBV2	119858	174538	8.73%	0.523%
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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

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77	13.110	1871	1874	1875	rBV2	94415	94062	4.71%	0.282%
78	13.133	1875	1878	1882	rVB	308419	286020	14.31%	0.857%
79	13.198	1886	1889	1892	rVB	446521	377762	18.90%	1.131%
80	13.239	1892	1896	1899	rBV	209998	231993	11.61%	0.695%
81	13.327	1908	1911	1914	rVB	157940	140697	7.04%	0.421%
82	13.357	1914	1916	1921	rBV	134476	149749	7.49%	0.448%
83	13.398	1921	1923	1928	rVV5	44401	50925	2.55%	0.153%
84	13.545	1944	1948	1953	rBV2	267561	300377	15.03%	0.900%
85	13.757	1980	1984	1987	rBV2	174012	193824	9.70%	0.580%
86	13.786	1987	1989	1991	rBV	130991	103137	5.16%	0.309%
87	13.874	2002	2004	2008	rBV	223609	173008	8.66%	0.518%
88	14.004	2022	2026	2029	rBV2	1256239	1704141	85.26%	5.103%
89	14.033	2029	2031	2034	rVB	673740	522324	26.13%	1.564%
90	14.198	2056	2059	2061	rVB2	286168	259001	12.96%	0.776%
91	14.398	2091	2093	2096	rVB	152670	124441	6.23%	0.373%
92	14.504	2107	2111	2113	rBV3	326859	375710	18.80%	1.125%
93	14.821	2162	2165	2170	rVB2	297430	317794	15.90%	0.952%
94	15.062	2202	2206	2209	rBV	360283	574936	28.76%	1.722%
95	15.174	2221	2225	2231	rVB	324786	399322	19.98%	1.196%
96	15.368	2255	2258	2263	rVB	276669	329252	16.47%	0.986%
97	15.433	2265	2269	2273	rVV	333154	396468	19.84%	1.187%
98	15.498	2276	2280	2283	rVV	492819	546975	27.37%	1.638%
99	15.574	2290	2293	2296	rVB	169097	191719	9.59%	0.574%
100	16.039	2368	2372	2387	rVB3	198634	535109	26.77%	1.603%

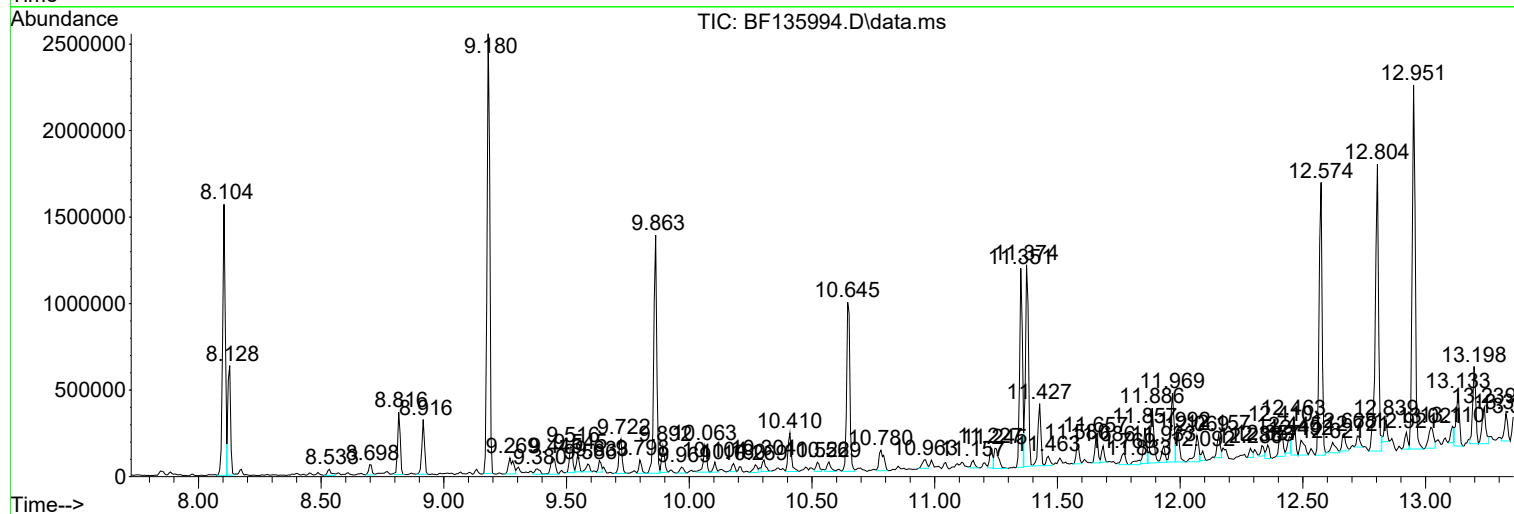
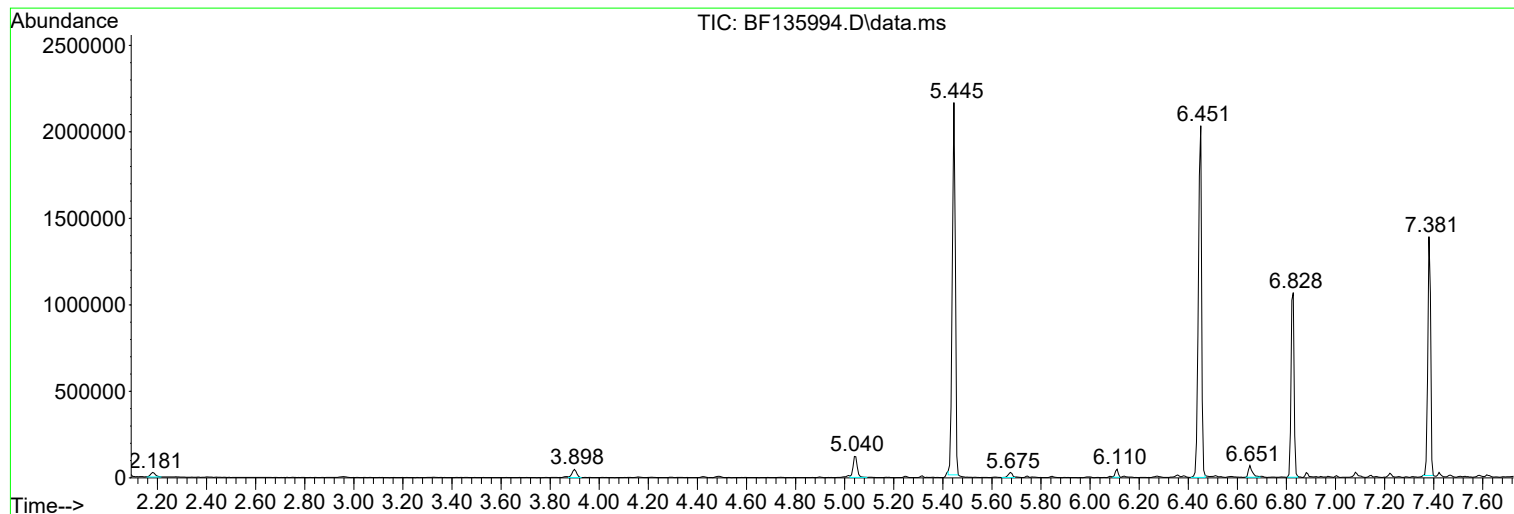
Sum of corrected areas: 33391838

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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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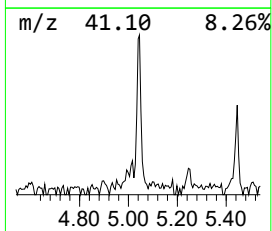
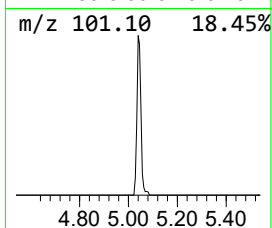
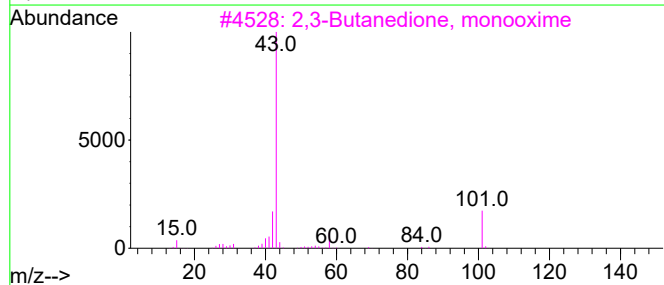
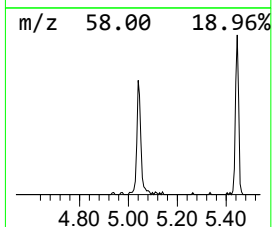
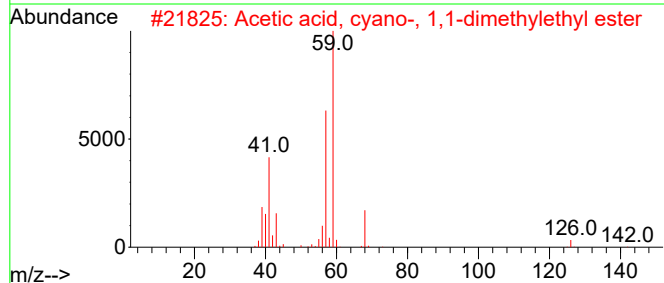
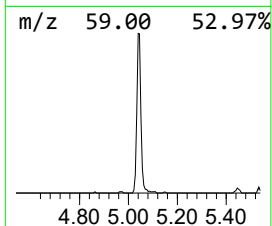
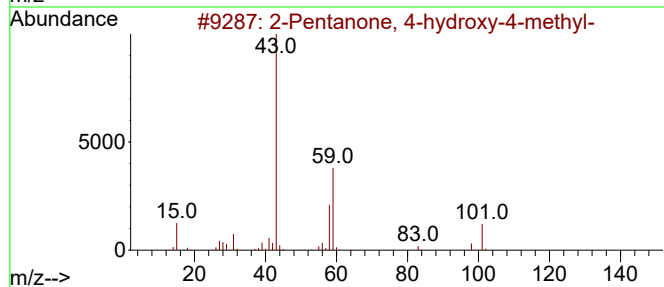
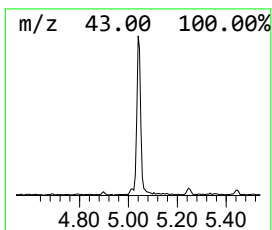
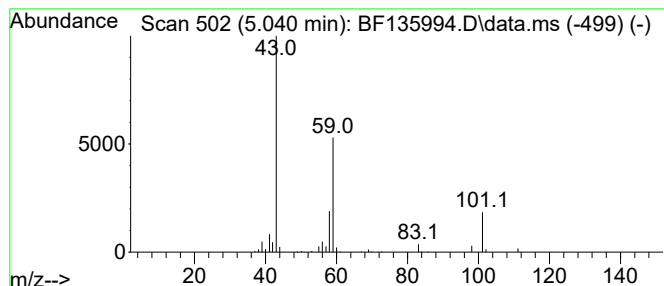
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.040	3.09 ng	143652	1,4-Dichlorobenzene-d4	6.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10		
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10		



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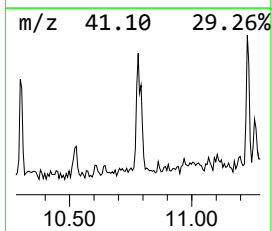
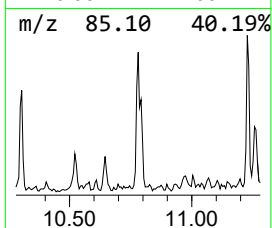
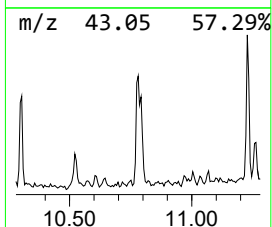
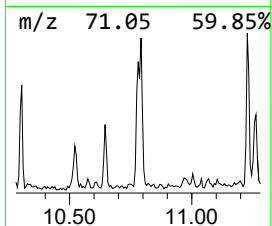
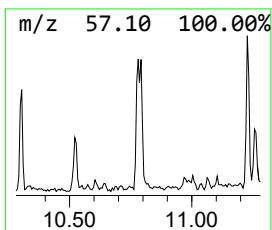
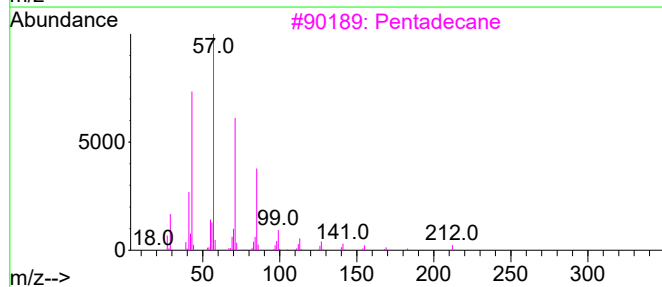
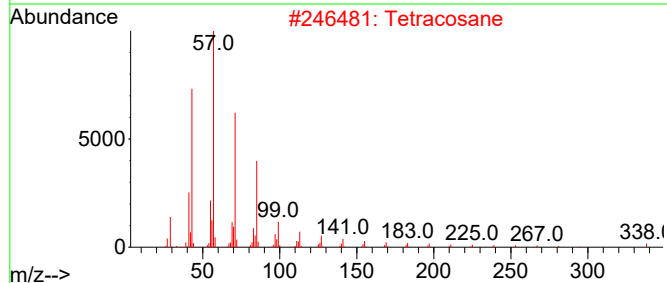
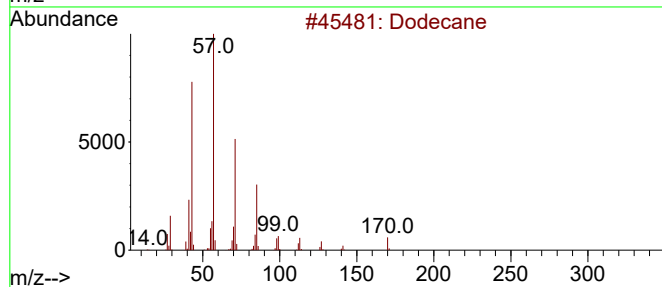
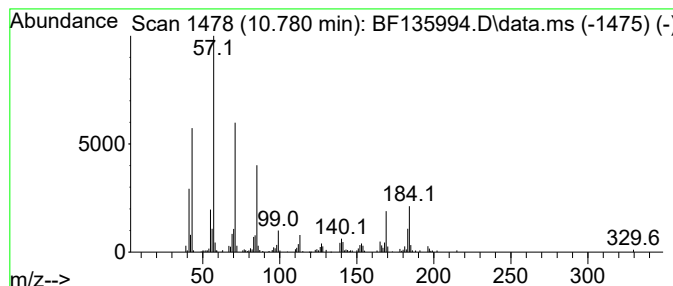
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.780	3.55 ng	166952	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	70
2			Tetracosane	338	C24H50	000646-31-1	62
3			Pentadecane	212	C15H32	000629-62-9	58
4			Octadecane	254	C18H38	000593-45-3	58
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58



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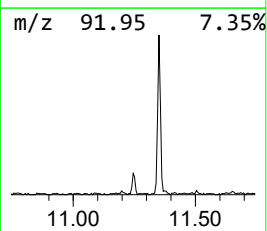
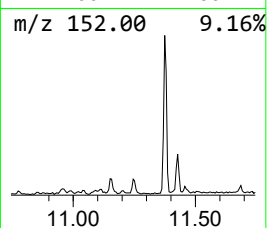
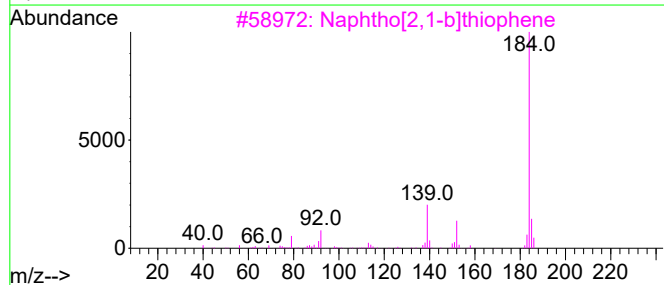
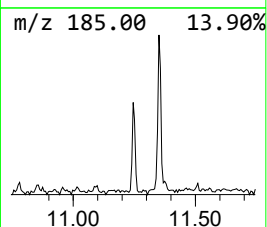
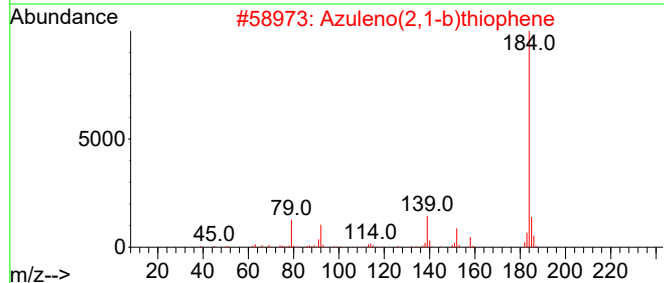
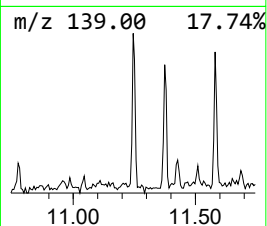
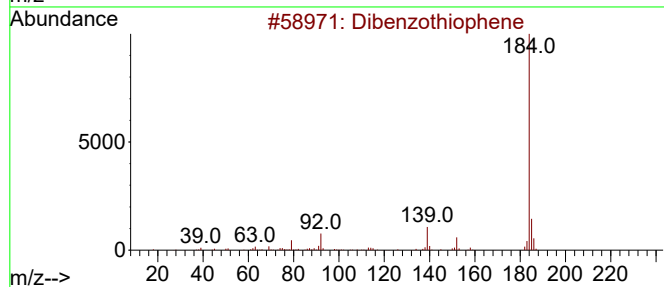
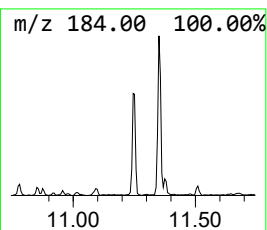
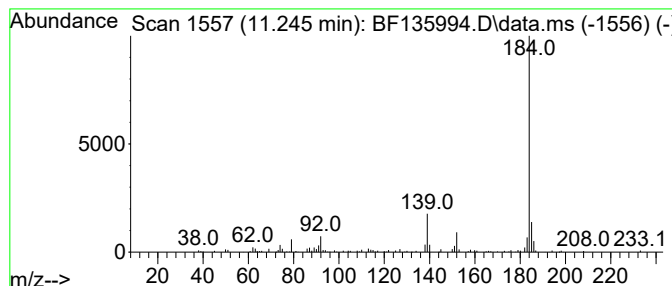
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	3.01 ng	141665	Phenanthrene-d10	11.351

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

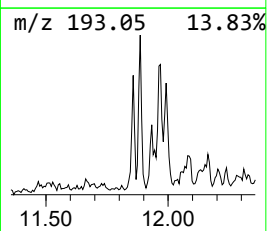
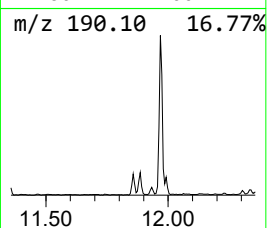
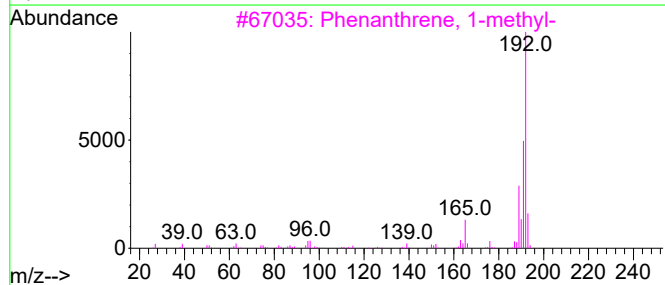
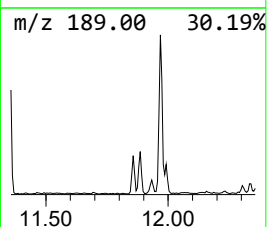
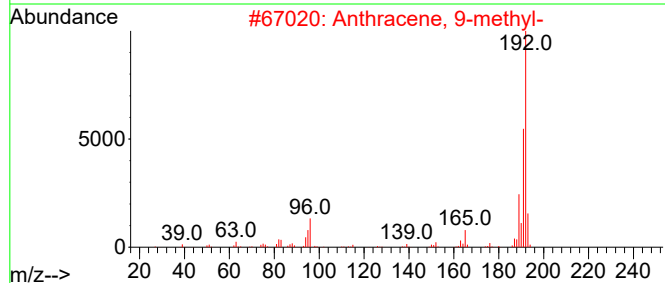
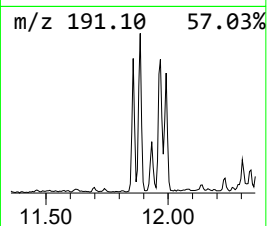
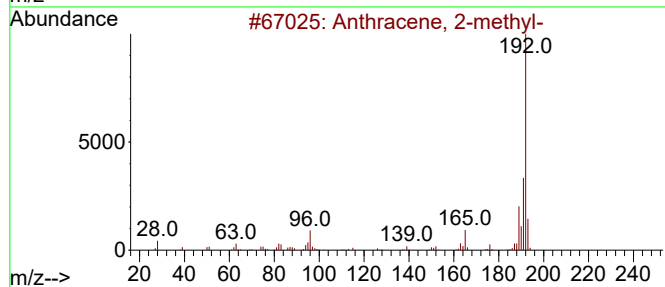
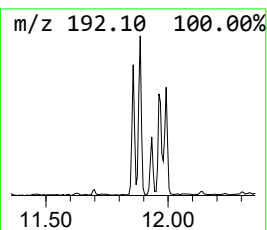
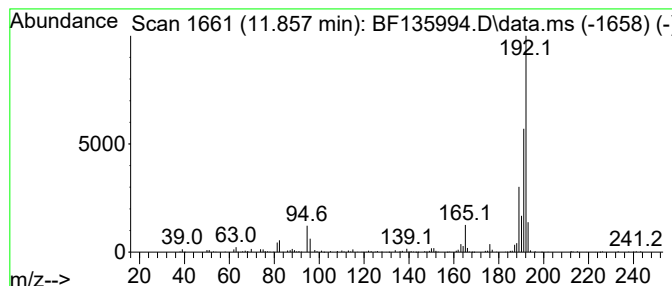
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	4.00 ng	187942	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
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Operator : CG\JU
Sample : 04767-06 2X
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Instrument :
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ClientSampleId :
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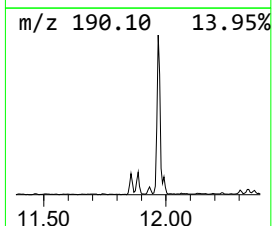
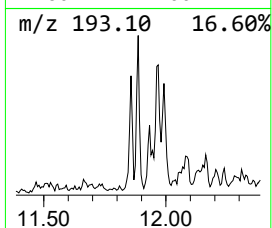
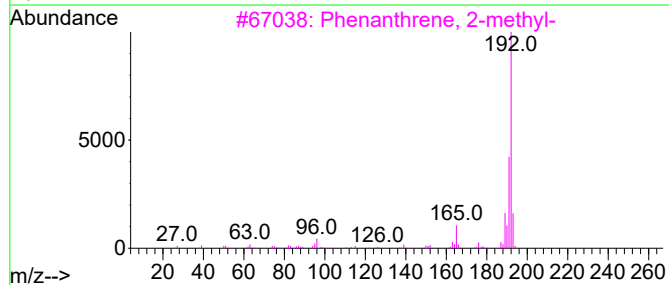
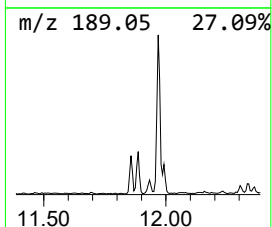
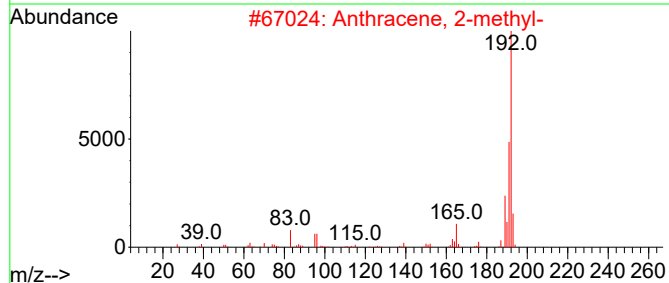
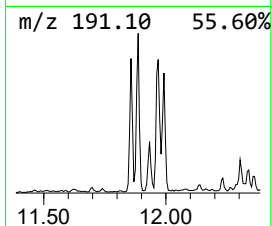
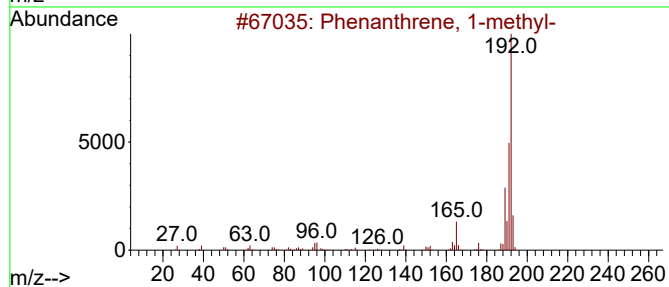
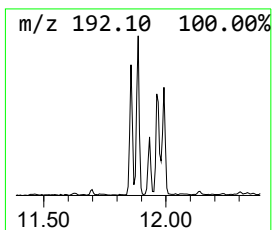
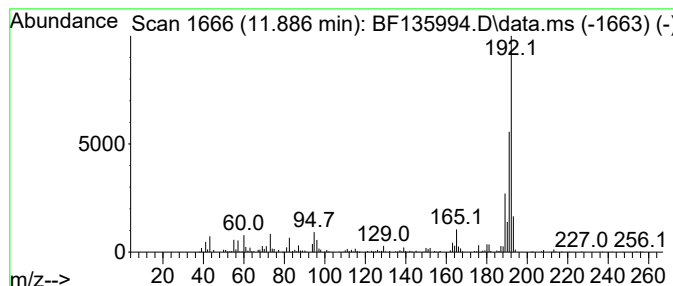
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	6.48 ng	304837	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
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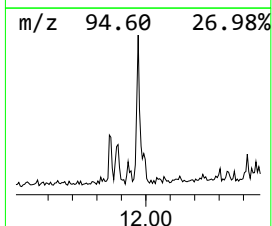
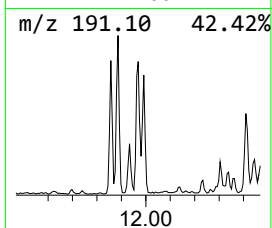
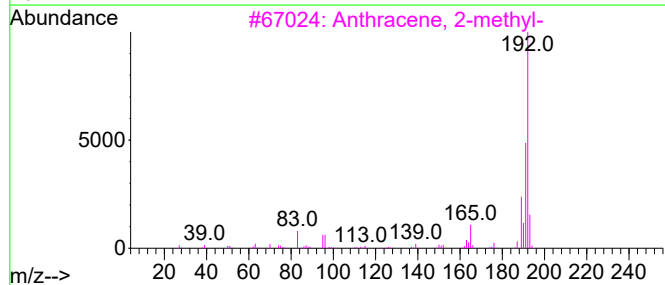
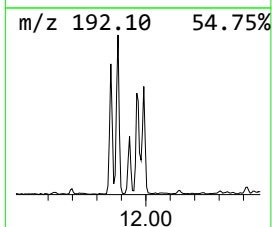
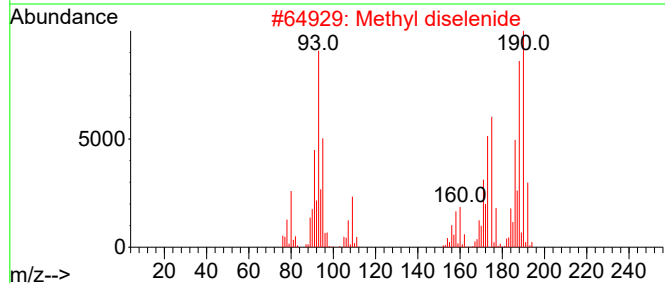
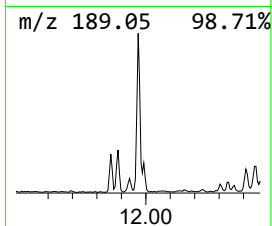
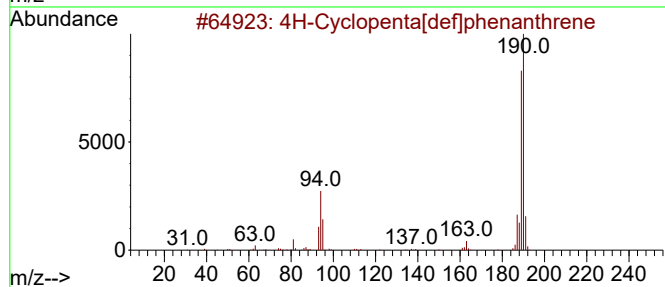
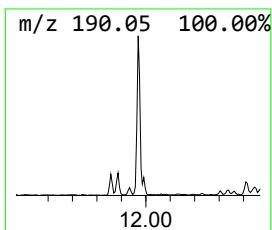
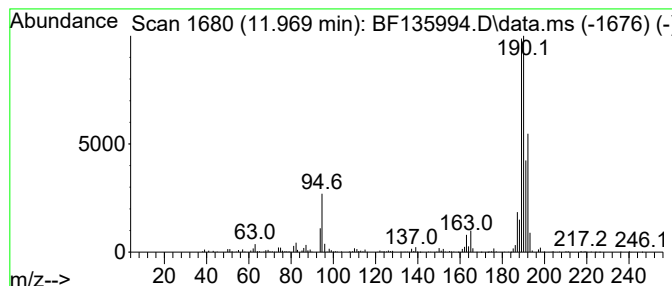
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.969	8.38 ng	393914	Phenanthrene-d10	11.351	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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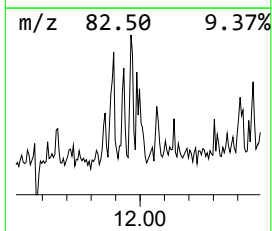
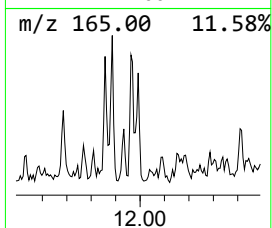
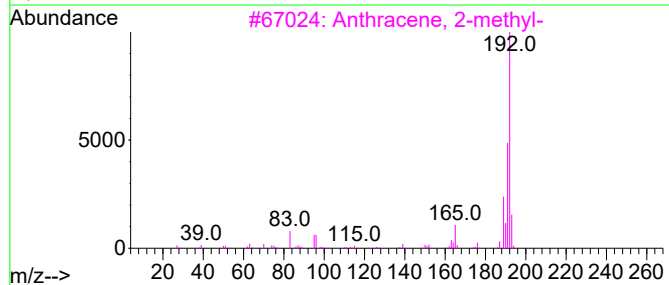
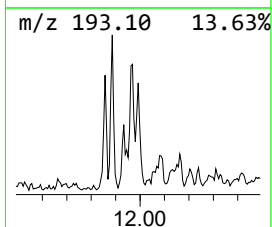
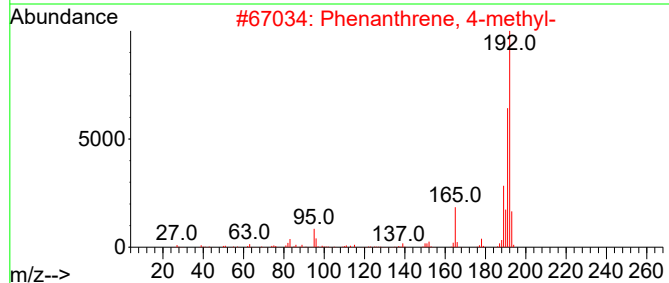
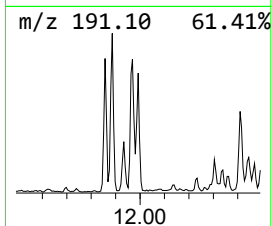
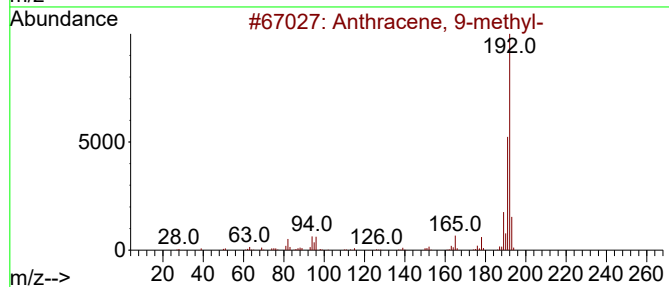
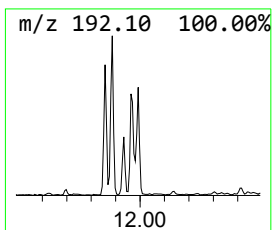
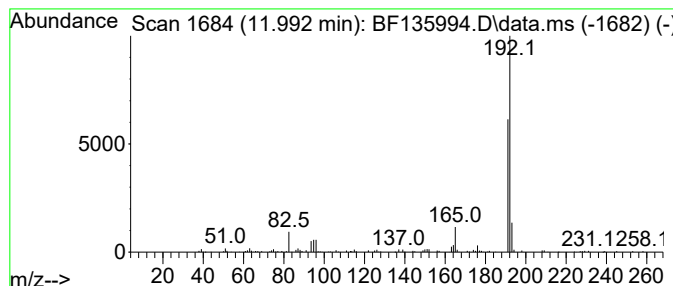
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	3.08 ng	145082	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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Acq On : 27 Oct 2023 20:08
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ClientSampleId :
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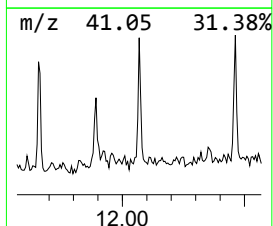
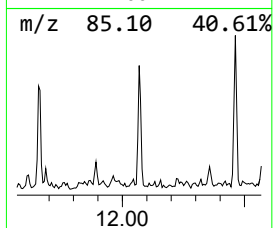
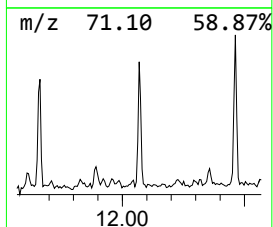
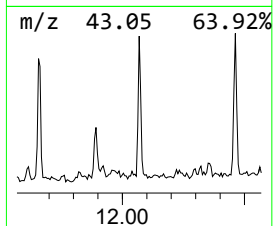
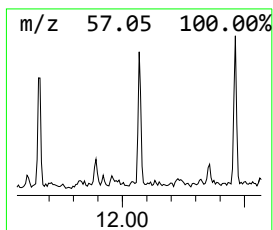
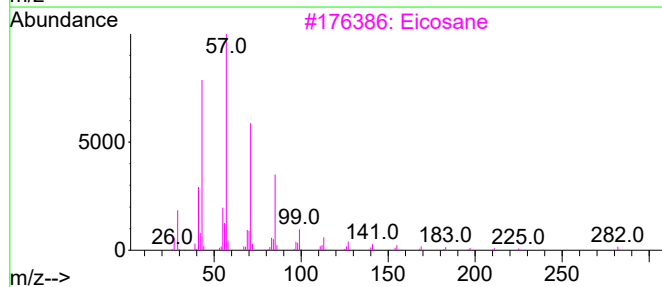
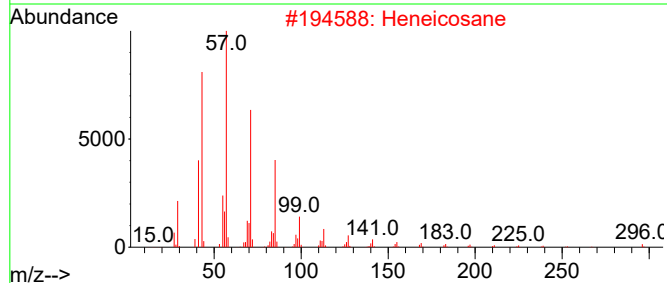
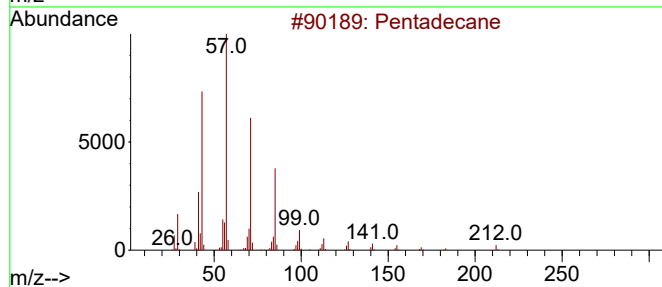
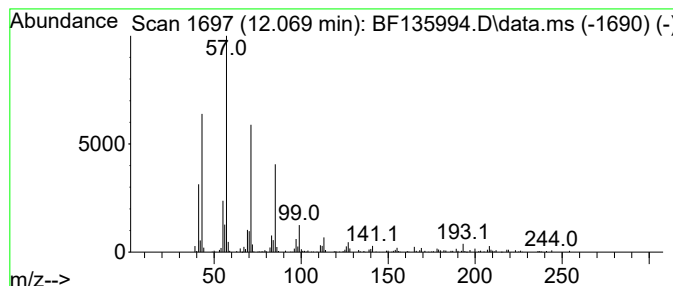
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	3.56 ng	167294	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Heneicosane	296	C21H44	000629-94-7	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
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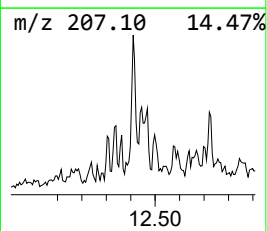
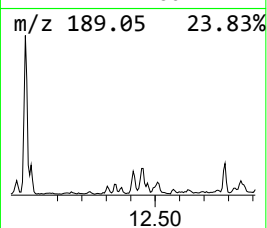
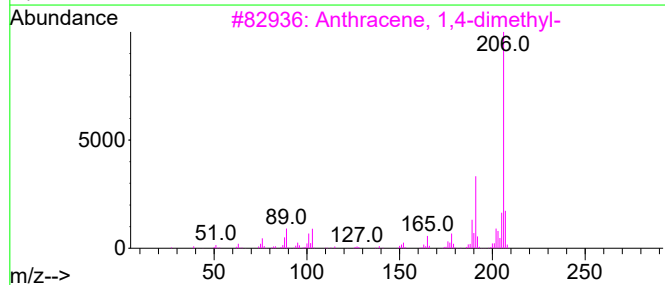
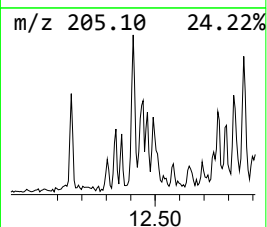
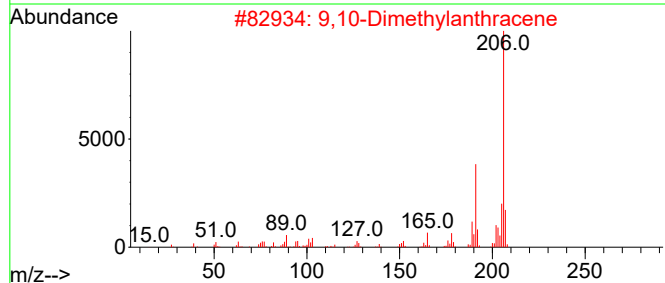
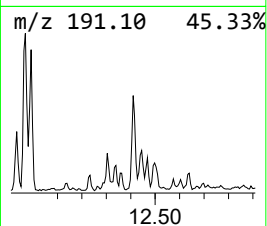
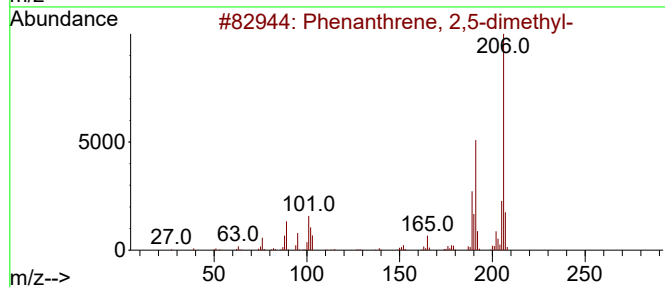
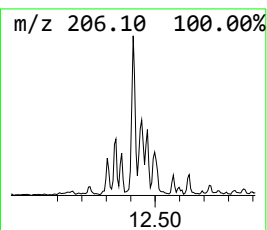
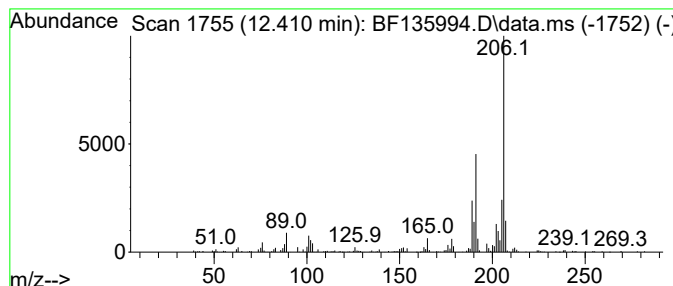
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.80 ng	178740	Phenanthrene-d10	11.351

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	91
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Q-4(0-5)

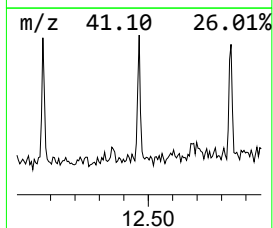
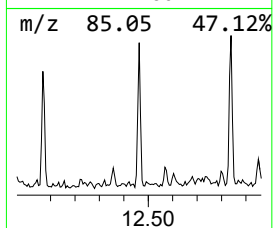
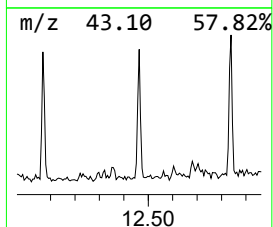
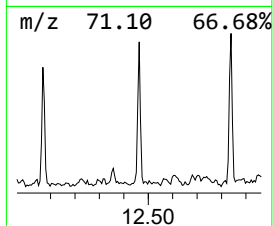
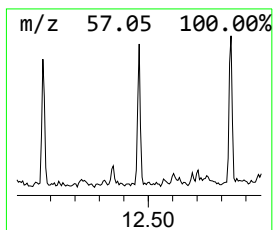
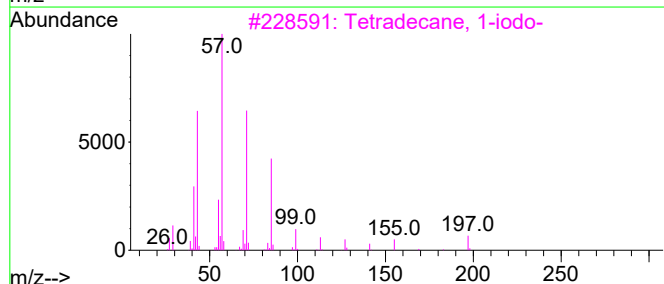
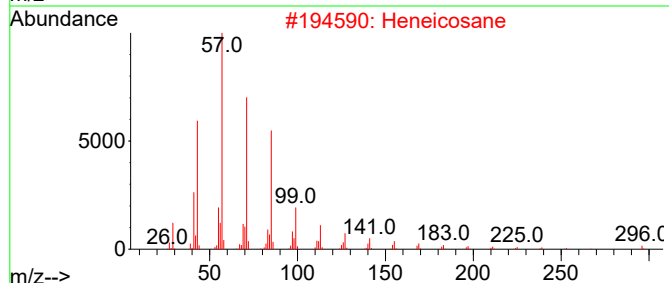
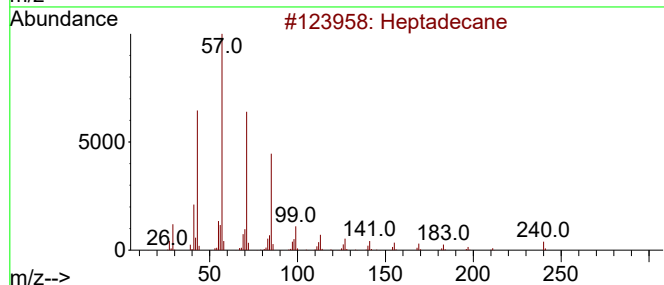
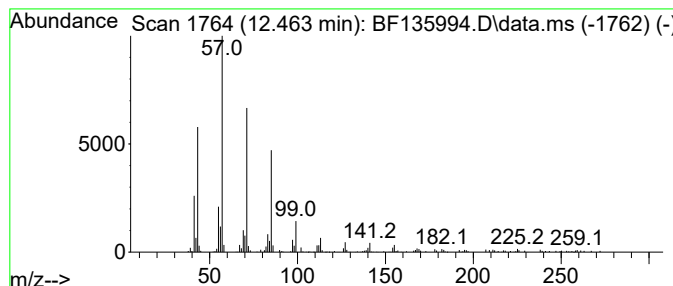
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.69 ng	173358	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
5			Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

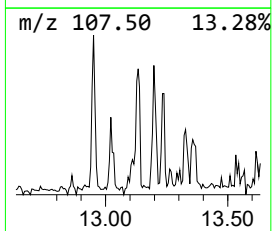
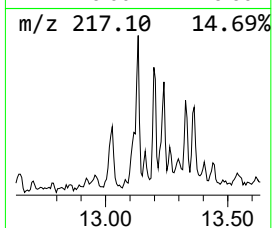
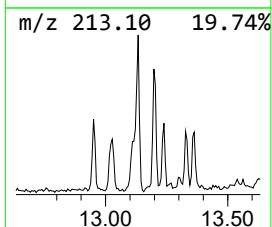
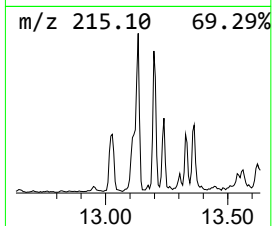
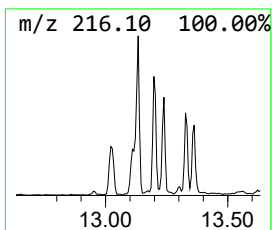
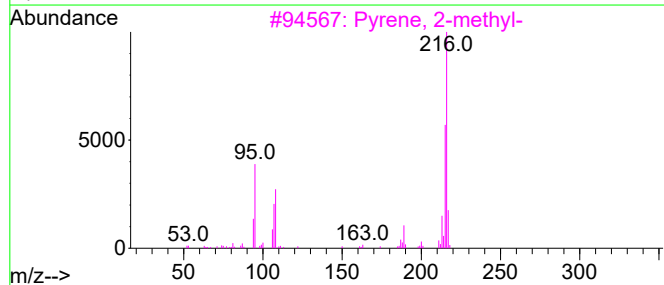
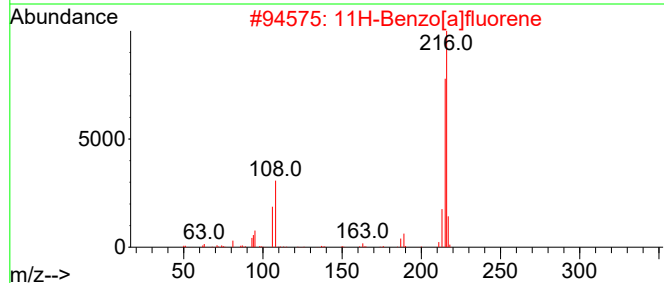
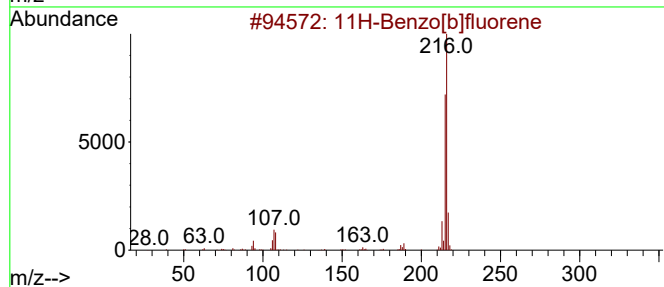
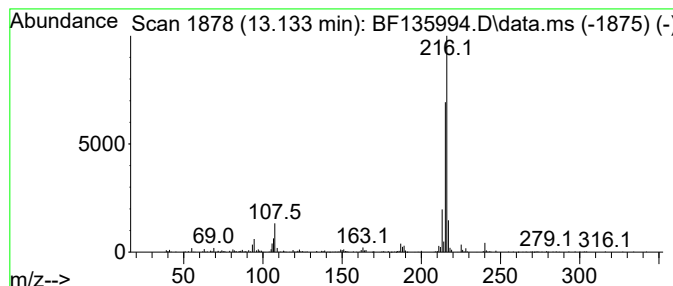
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	3.36 ng	286020	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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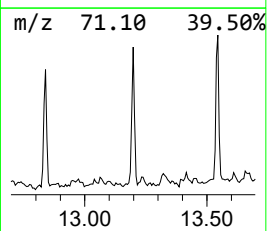
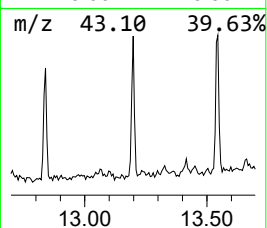
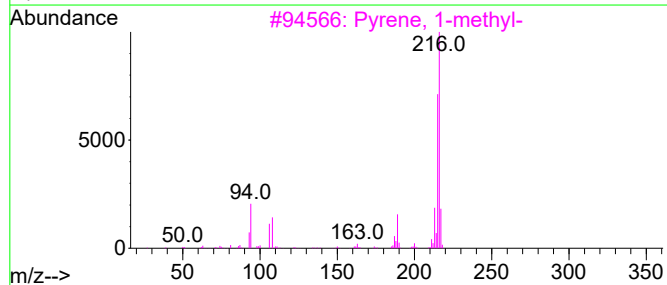
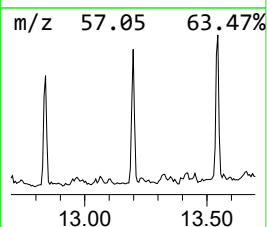
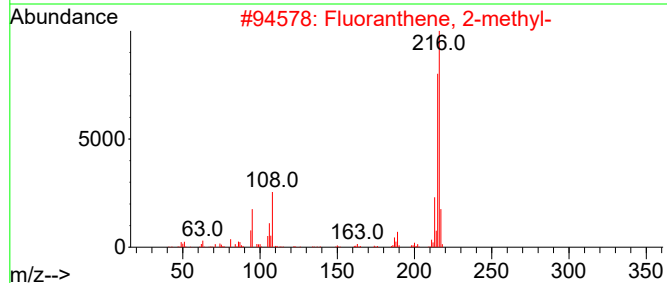
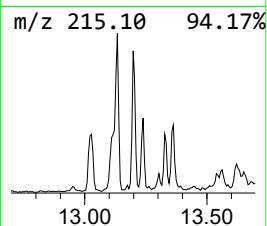
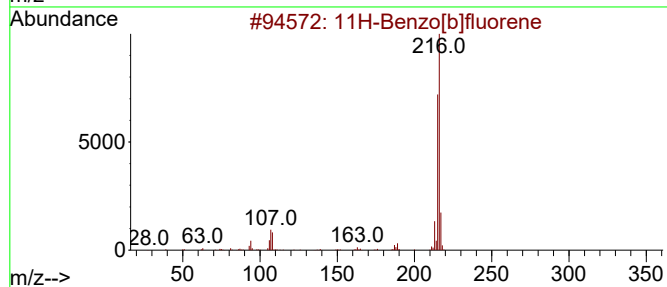
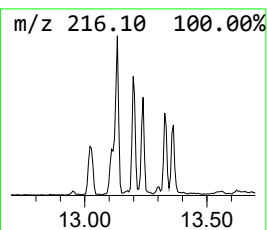
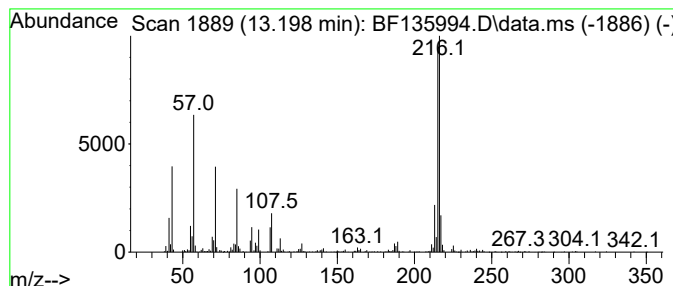
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	4.43 ng	377762	Chrysene-d12	14.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	62
5			Pentadecane	212	C15H32	000629-62-9	56



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

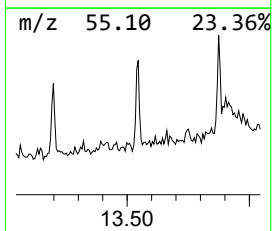
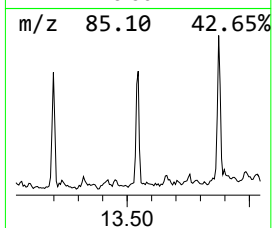
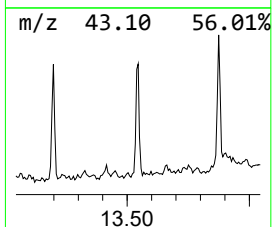
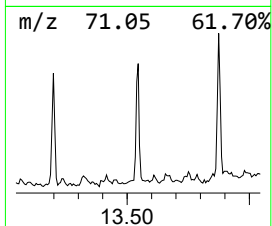
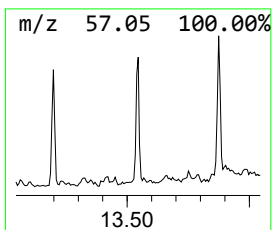
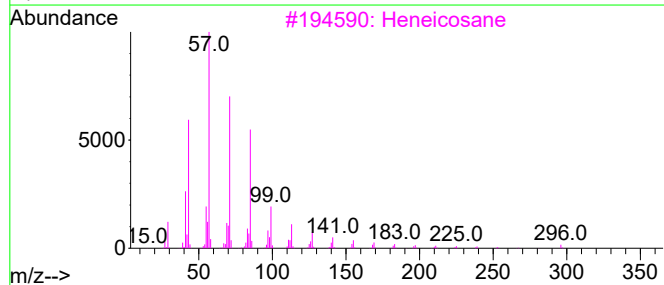
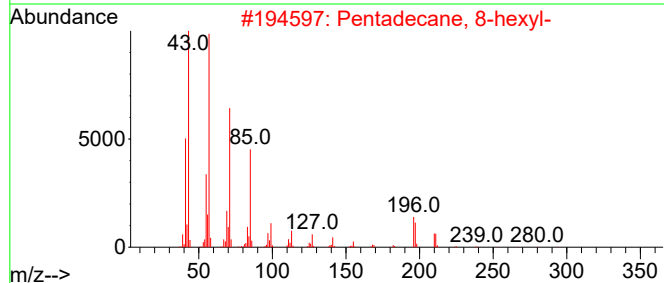
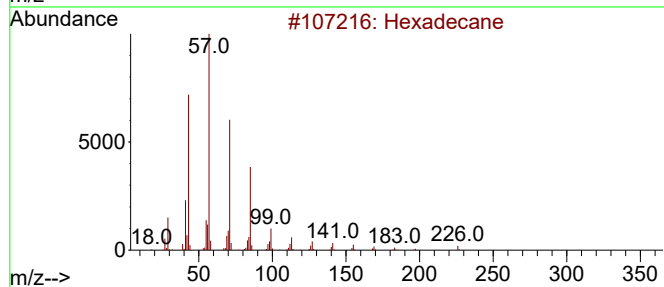
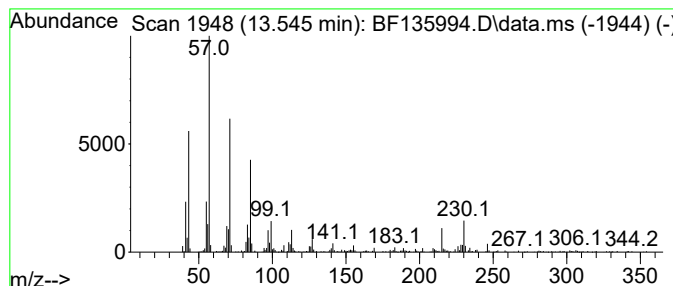
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.545	3.53 ng	300377	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Heneicosane	296	C21H44	000629-94-7	81
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
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Sample : 04767-06 2X
Misc :
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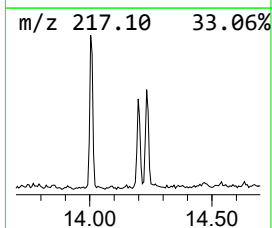
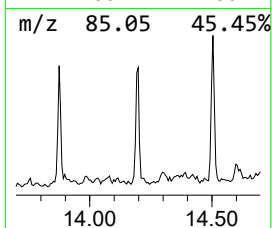
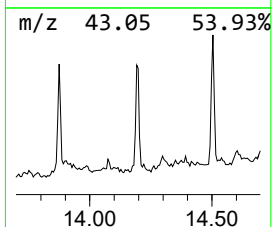
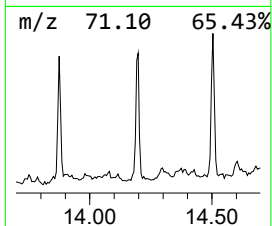
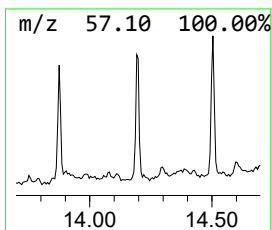
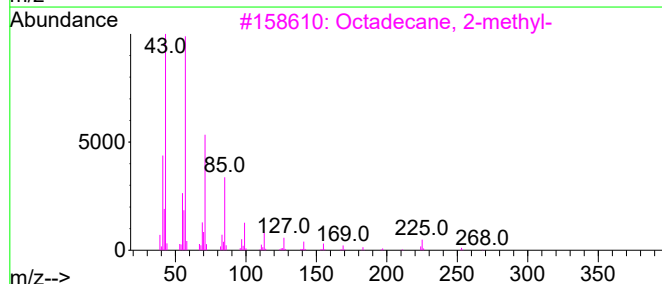
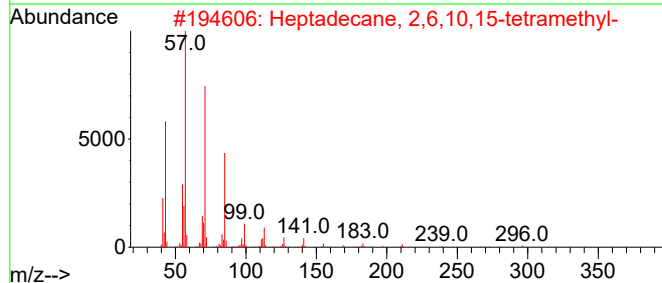
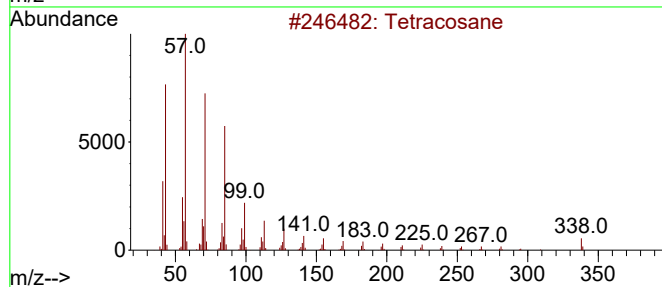
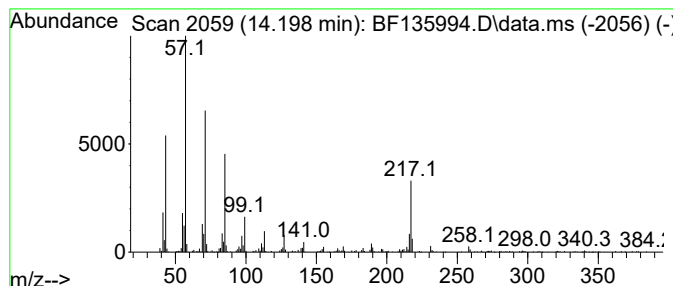
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.198	3.04 ng	259001	Chrysene-d12	14.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	76
5	Heptacosane	380	C27H56	000593-49-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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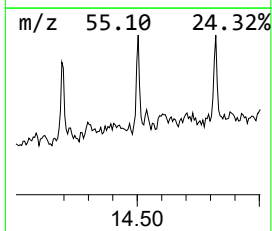
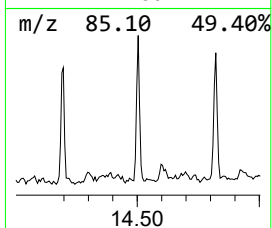
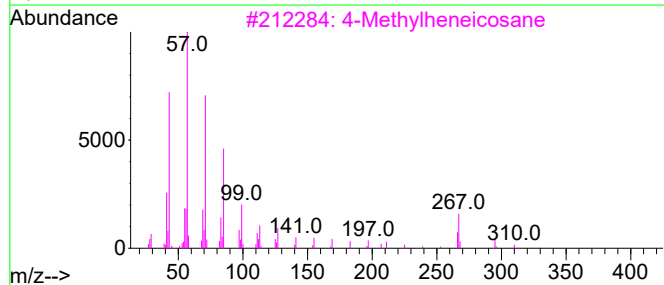
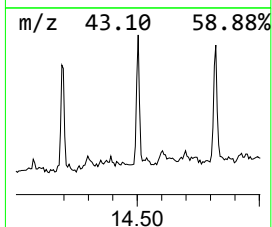
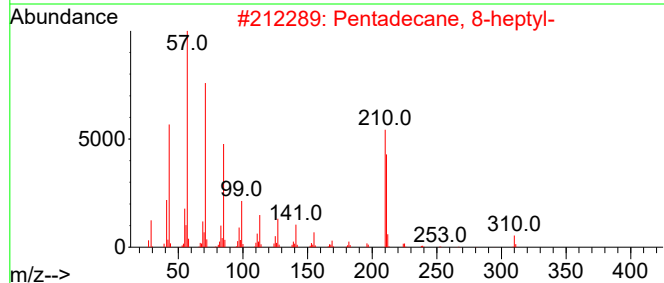
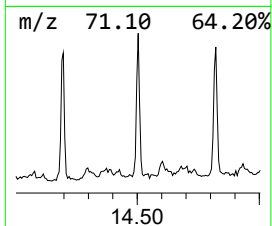
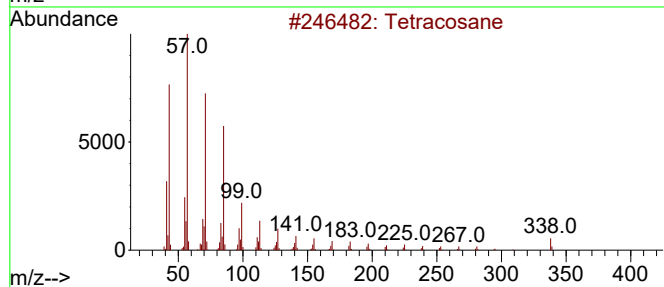
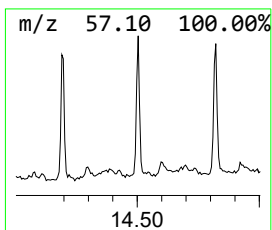
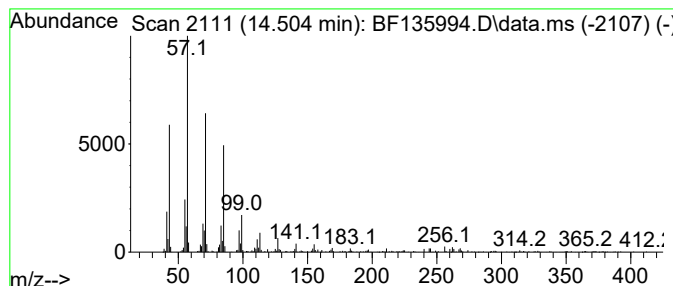
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 8-heptyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	4.41 ng	375710	Chrysene-d12	14.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	94
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	93
3		4-Methylheneicosane	310	C22H46	025117-29-7	90
4		Nonadecane	268	C19H40	000629-92-5	90
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
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ALS Vial : 19 Sample Multiplier: 1

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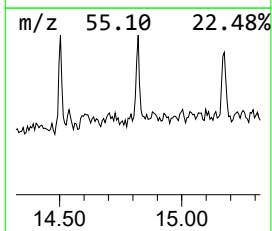
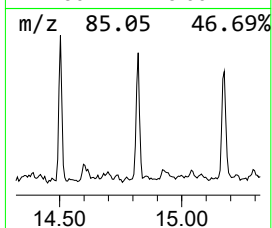
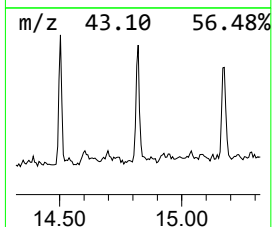
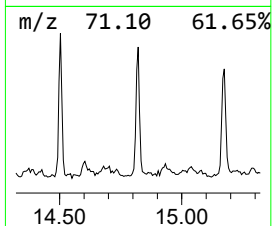
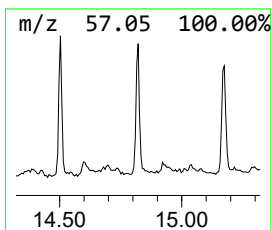
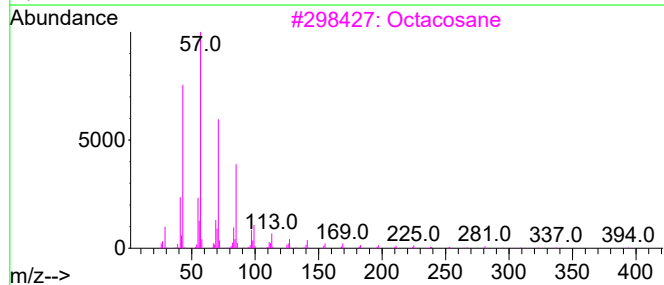
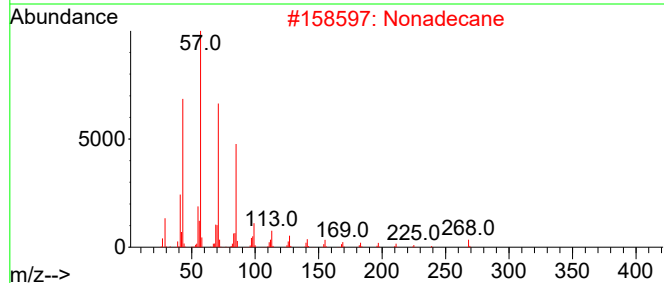
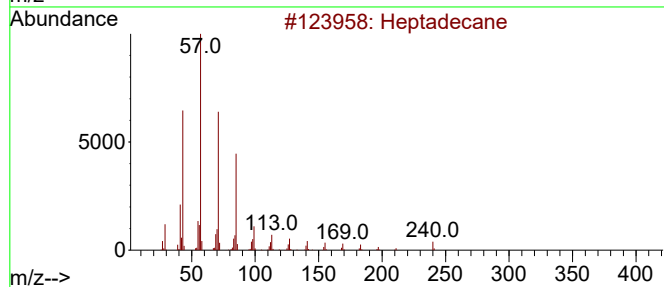
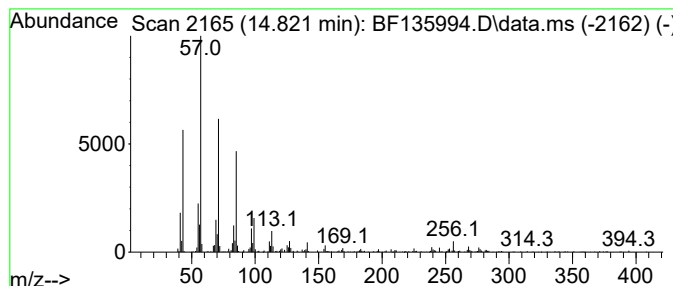
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.821	11.62 ng	317794	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Nonadecane	268	C19H40	000629-92-5	93
3			Octacosane	394	C28H58	000630-02-4	93
4			Nonacosane	408	C29H60	000630-03-5	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Q-4(0-5)

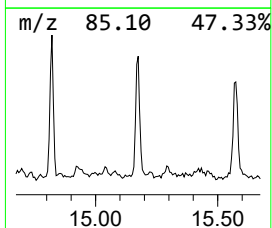
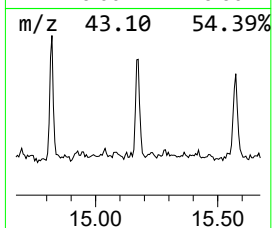
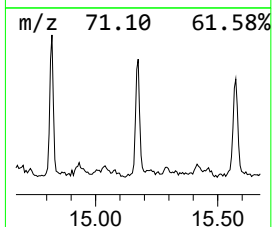
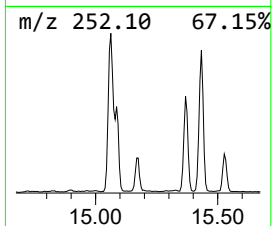
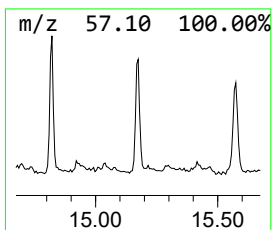
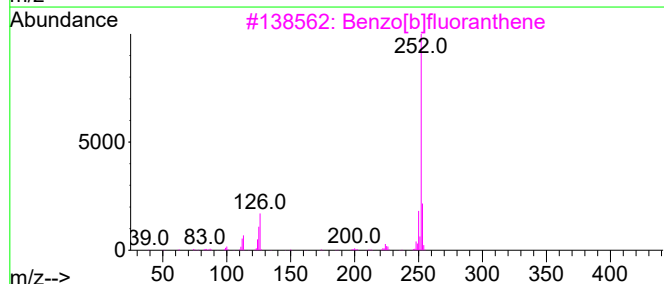
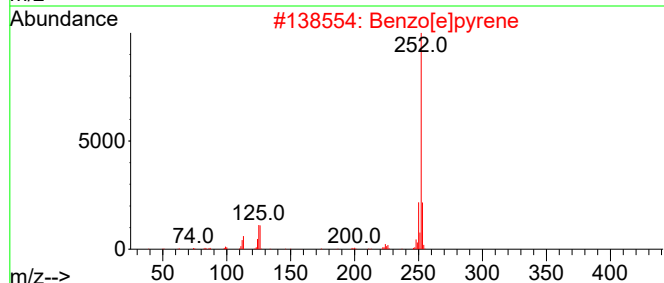
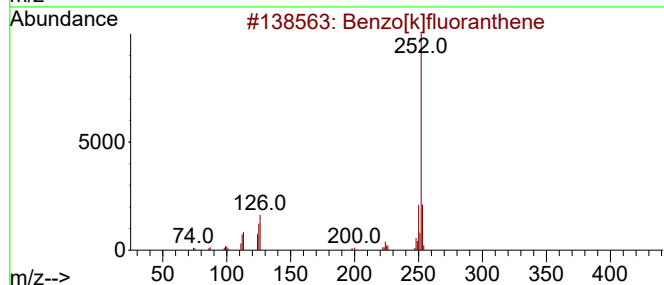
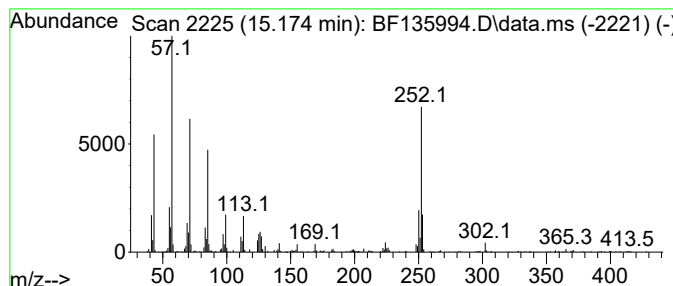
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	14.60 ng	399322	Perylene-d12	15.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2			Benzo[e]pyrene	252	C20H12	000192-97-2	86
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

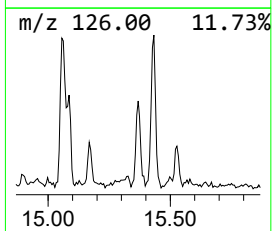
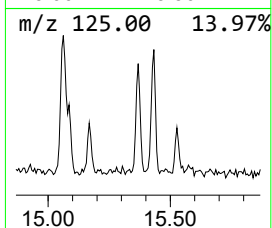
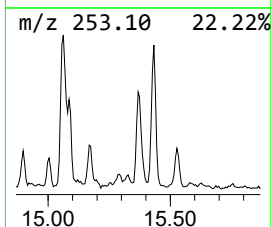
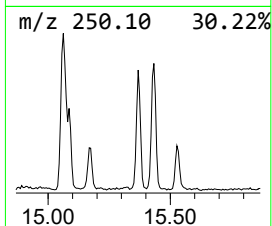
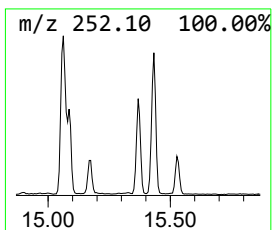
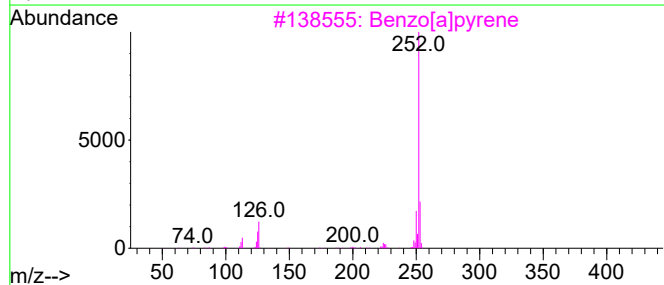
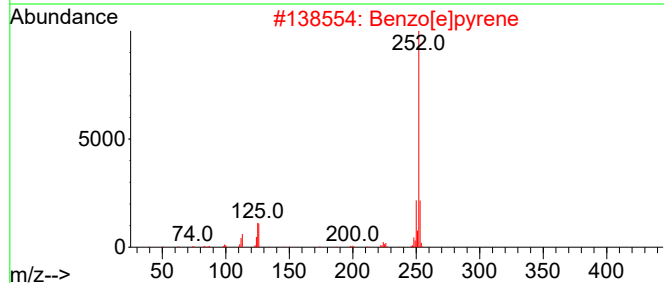
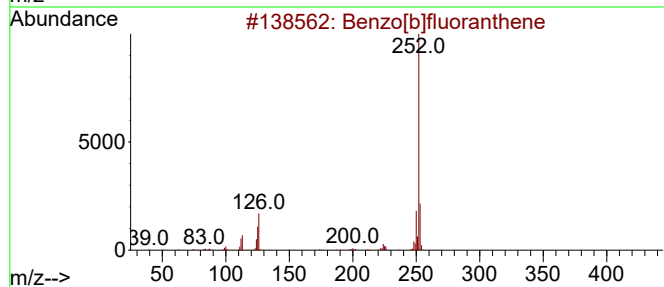
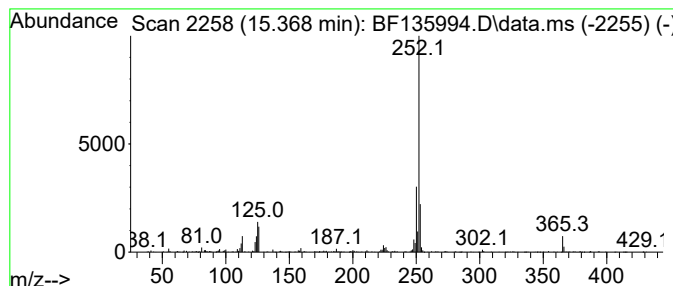
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	12.04 ng	329252	Perylene-d12	15.498

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

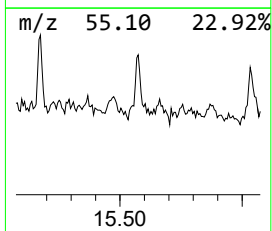
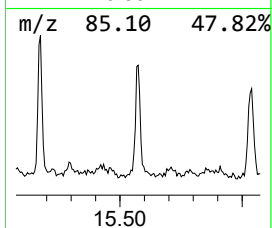
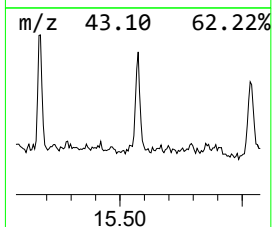
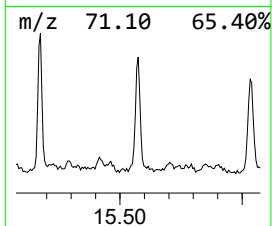
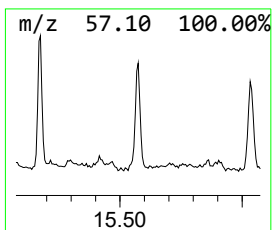
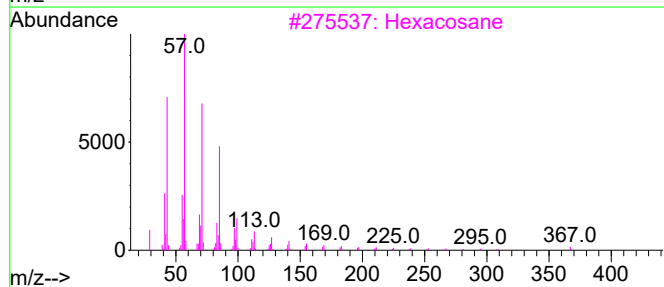
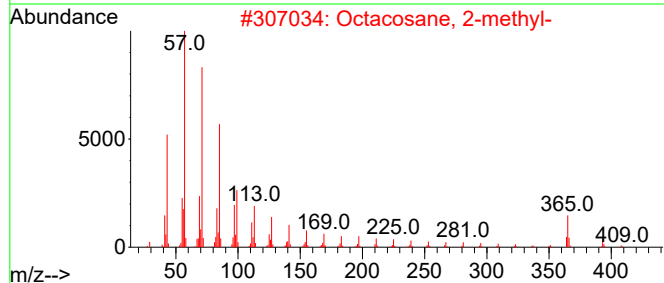
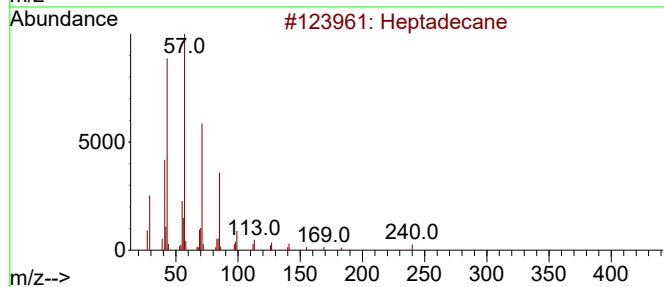
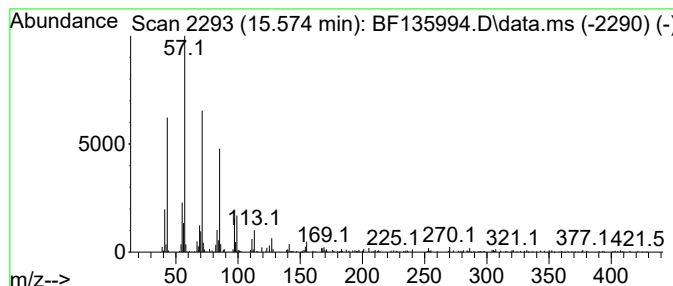
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	7.01 ng	191719	Perylene-d12	15.498

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

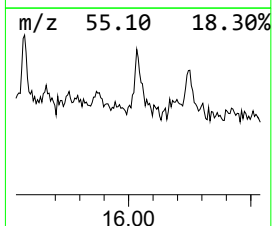
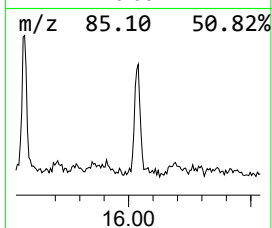
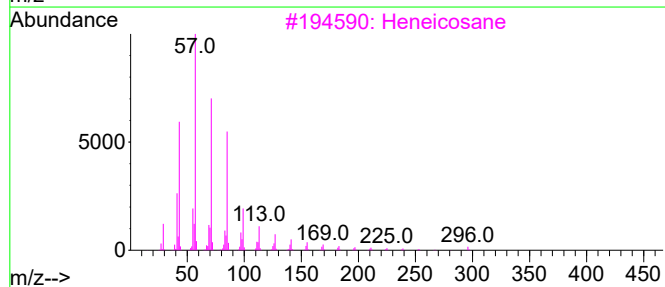
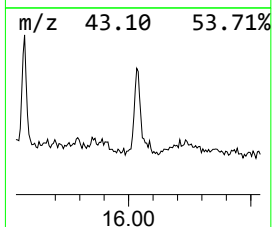
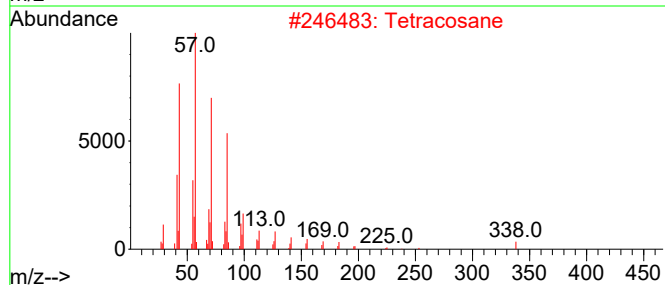
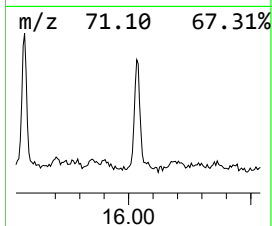
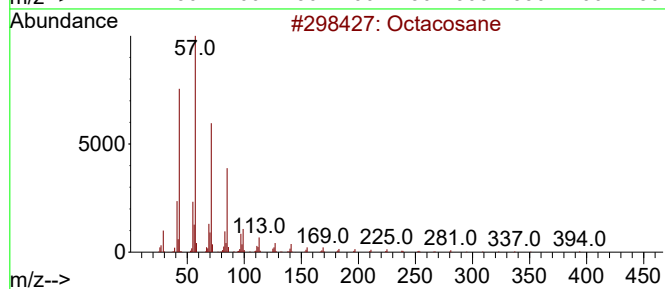
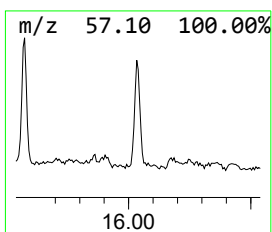
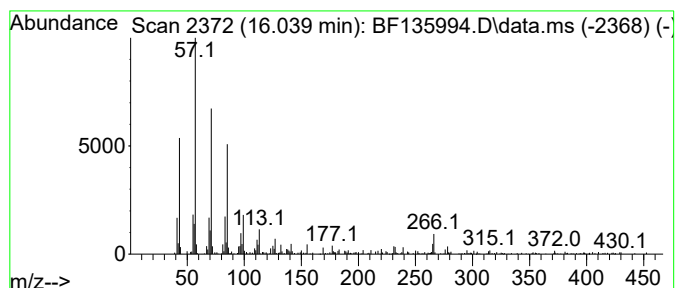
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	19.57 ng	535109	Perylene-d12	15.498

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	98
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135994.D
Acq On : 27 Oct 2023 20:08
Operator : CG\JU
Sample : 04767-06 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q-4(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.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
2-Pentanone, 4-...	5.040	3.1	ng	143652	1	6.828	930589	20.0
Dodecane	10.780	3.5	ng	166952	4	11.351	940627	20.0
Dibenzothiophene	11.245	3.0	ng	141665	4	11.351	940627	20.0
Anthracene, 2-m...	11.857	4.0	ng	187942	4	11.351	940627	20.0
Phenanthrene, 1...	11.886	6.5	ng	304837	4	11.351	940627	20.0
4H-Cyclopenta[d...	11.969	8.4	ng	393914	4	11.351	940627	20.0
Anthracene, 9-m...	11.992	3.1	ng	145082	4	11.351	940627	20.0
Pentadecane	12.069	3.6	ng	167294	4	11.351	940627	20.0
Phenanthrene, 2...	12.410	3.8	ng	178740	4	11.351	940627	20.0
Heptadecane	12.463	3.7	ng	173358	4	11.351	940627	20.0
11H-Benzo[b]flu...	13.133	3.4	ng	286020	5	14.010	1704140	20.0
Fluoranthene, 2...	13.198	4.4	ng	377762	5	14.010	1704140	20.0
Hexadecane	13.545	3.5	ng	300377	5	14.010	1704140	20.0
Tetracosane	14.198	3.0	ng	259001	5	14.010	1704140	20.0
Pentadecane, 8-...	14.504	4.4	ng	375710	5	14.010	1704140	20.0
Nonadecane	14.821	11.6	ng	317794	6	15.498	546975	20.0
Benzo[e]pyrene	15.174	14.6	ng	399322	6	15.498	546975	20.0
Benzo[j]fluoran...	15.368	12.0	ng	329252	6	15.498	546975	20.0
Octacosane, 2-m...	15.574	7.0	ng	191719	6	15.498	546975	20.0
Octacosane	16.039	19.6	ng	535109	6	15.498	546975	20.0