

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136815.D
 Acq On : 29 Dec 2023 02:26
 Operator : CG\JU
 Sample : 06035-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-5-122723

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-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.845	294	299	303	rVB	10404	14736	1.36%	0.135%
2	5.004	493	496	499	rBV	12749	13301	1.23%	0.122%
3	5.422	563	567	583	rVB	237869	241848	22.31%	2.218%
4	6.063	673	676	678	rBV	16003	14525	1.34%	0.133%
5	6.428	734	738	745	rBV	195917	207529	19.14%	1.903%
6	6.616	767	770	773	rBV3	18382	15210	1.40%	0.139%
7	6.781	795	798	804	rVB	353792	288804	26.64%	2.648%
8	7.339	890	893	897	rBV	156769	127082	11.72%	1.165%
9	7.375	897	899	902	rVB	31233	23818	2.20%	0.218%
10	8.057	1009	1015	1018	rBV	364111	320950	29.60%	2.943%
11	8.080	1018	1019	1022	rVB	31779	16715	1.54%	0.153%
12	8.351	1060	1065	1071	rBV6	8236	13790	1.27%	0.126%
13	8.480	1083	1087	1089	rBV	12708	12461	1.15%	0.114%
14	8.651	1113	1116	1119	rBV	38205	29753	2.74%	0.273%
15	8.775	1134	1137	1140	rBV	22203	17983	1.66%	0.165%
16	8.869	1149	1153	1157	rBV2	21888	26565	2.45%	0.244%
17	9.133	1195	1198	1204	rBV	292238	222571	20.53%	2.041%
18	9.216	1208	1212	1214	rBV	45582	35164	3.24%	0.322%
19	9.404	1240	1244	1247	rVB2	15608	17494	1.61%	0.160%
20	9.474	1253	1256	1258	rBV	23350	21618	1.99%	0.198%
21	9.539	1262	1267	1269	rVV2	15544	19343	1.78%	0.177%
22	9.592	1273	1276	1281	rVB3	14682	15847	1.46%	0.145%
23	9.674	1288	1290	1295	rBV	19522	18608	1.72%	0.171%
24	9.745	1300	1302	1306	rVB	41441	33676	3.11%	0.309%
25	9.816	1306	1314	1317	rBV	383930	311632	28.75%	2.858%
26	9.845	1317	1319	1323	rVB	65149	52847	4.87%	0.485%
27	9.922	1329	1332	1336	rBV4	8385	12816	1.18%	0.118%
28	10.022	1345	1349	1353	rVB	43016	39308	3.63%	0.360%
29	10.245	1385	1387	1390	rVB	37112	33406	3.08%	0.306%
30	10.363	1404	1407	1413	rBV	86105	80125	7.39%	0.735%
31	10.521	1431	1434	1437	rVB2	21203	18807	1.73%	0.172%
32	10.610	1446	1449	1453	rVB	149278	142040	13.10%	1.302%
33	10.721	1465	1468	1475	rVB2	43097	54440	5.02%	0.499%
34	10.916	1496	1501	1503	rBV2	19907	24663	2.27%	0.226%
35	10.945	1503	1506	1509	rVB3	12844	14603	1.35%	0.134%
36	11.051	1520	1524	1529	rVV3	44539	47220	4.36%	0.433%

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.116	1533	1535	1538	rVB2	17694	14266	1.32%	0.131%
38	11.157	1538	1542	1543	rBV2	10568	12884	1.19%	0.118%
39	11.174	1543	1545	1547	rVV	41153	32947	3.04%	0.302%
40	11.204	1547	1550	1557	rVB	60410	56421	5.20%	0.517%
41	11.310	1564	1568	1570	rBV	422695	383467	35.37%	3.516%
42	11.333	1570	1572	1575	rVV	722486	532398	49.11%	4.882%
43	11.380	1577	1580	1584	rVB	148898	140396	12.95%	1.287%
44	11.545	1605	1608	1612	rBV	43100	43462	4.01%	0.399%
45	11.604	1615	1618	1620	rVV	49045	39746	3.67%	0.364%
46	11.639	1620	1624	1629	rVB3	18968	26682	2.46%	0.245%
47	11.704	1632	1635	1643	rVB	256468	224274	20.69%	2.057%
48	11.810	1650	1653	1656	rBV	76358	68122	6.28%	0.625%
49	11.839	1656	1658	1662	rVV	125126	104593	9.65%	0.959%
50	11.886	1664	1666	1670	rVV2	32558	44960	4.15%	0.412%
51	11.921	1670	1672	1675	rVV2	131929	143054	13.20%	1.312%
52	11.945	1675	1676	1680	rVB	55594	38912	3.59%	0.357%
53	12.015	1682	1688	1691	rBV2	31492	37732	3.48%	0.346%
54	12.110	1701	1704	1707	rBV	59846	52121	4.81%	0.478%
55	12.139	1707	1709	1712	rVB	36945	32459	2.99%	0.298%
56	12.245	1723	1727	1728	rBV4	12804	15664	1.44%	0.144%
57	12.257	1728	1729	1732	rVB2	17830	12644	1.17%	0.116%
58	12.292	1732	1735	1737	rBV2	21115	19995	1.84%	0.183%
59	12.315	1737	1739	1743	rVB	19213	15563	1.44%	0.143%
60	12.363	1744	1747	1749	rBV	45529	48655	4.49%	0.446%
61	12.398	1749	1753	1755	rBV	1253617	1084118	100.00%	9.941%
62	12.415	1755	1756	1761	rVB2	636563	506072	46.68%	4.641%
63	12.504	1767	1771	1772	rBV	112853	94366	8.70%	0.865%
64	12.527	1772	1775	1779	rVB	826777	739753	68.24%	6.783%
65	12.574	1780	1783	1784	rBV2	15874	14209	1.31%	0.130%
66	12.680	1798	1801	1804	rVB3	30289	27414	2.53%	0.251%
67	12.763	1808	1815	1820	rBV	690545	804046	74.17%	7.373%
68	12.810	1820	1823	1827	rVB2	33937	43588	4.02%	0.400%
69	12.880	1832	1835	1836	rBV	44640	39801	3.67%	0.365%
70	12.904	1836	1839	1845	rVB	347698	338774	31.25%	3.106%
71	12.980	1847	1852	1855	rBV3	44414	74958	6.91%	0.687%
72	13.062	1864	1866	1868	rBV2	39748	47112	4.35%	0.432%
73	13.086	1868	1870	1874	rVB	104931	99728	9.20%	0.914%
74	13.139	1876	1879	1880	rVV	32814	28024	2.58%	0.257%
75	13.157	1880	1882	1884	rVB	93341	68649	6.33%	0.629%
76	13.192	1884	1888	1892	rBV2	63398	74046	6.83%	0.679%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.286	1902	1904	1906	rVB	36934	25520	2.35%	0.234%
78	13.315	1906	1909	1912	rBV2	35618	39794	3.67%	0.365%
79	13.480	1935	1937	1940	rBV2	29596	23569	2.17%	0.216%
80	13.604	1955	1958	1963	rBV	37359	33118	3.05%	0.304%
81	13.710	1974	1976	1979	rBV	41296	35422	3.27%	0.325%
82	13.739	1979	1981	1983	rVV	45671	37391	3.45%	0.343%
83	13.762	1983	1985	1987	rVV	40432	37884	3.49%	0.347%
84	13.815	1991	1994	1997	rVB	74075	69404	6.40%	0.636%
85	13.962	2015	2019	2022	rBV2	464900	643432	59.35%	5.900%
86	13.992	2022	2024	2030	rVB	277676	235652	21.74%	2.161%
87	14.068	2035	2037	2040	rVB	48254	38819	3.58%	0.356%
88	14.357	2084	2086	2087	rBV2	41444	33662	3.11%	0.309%
89	15.015	2194	2198	2201	rBV	155996	235404	21.71%	2.159%
90	15.321	2247	2250	2256	rVB	99126	117884	10.87%	1.081%
91	15.386	2257	2261	2267	rBV	147437	183406	16.92%	1.682%
92	15.451	2268	2272	2275	rBV	163394	195704	18.05%	1.795%
93	16.950	2524	2527	2533	rVB3	47848	91952	8.48%	0.843%

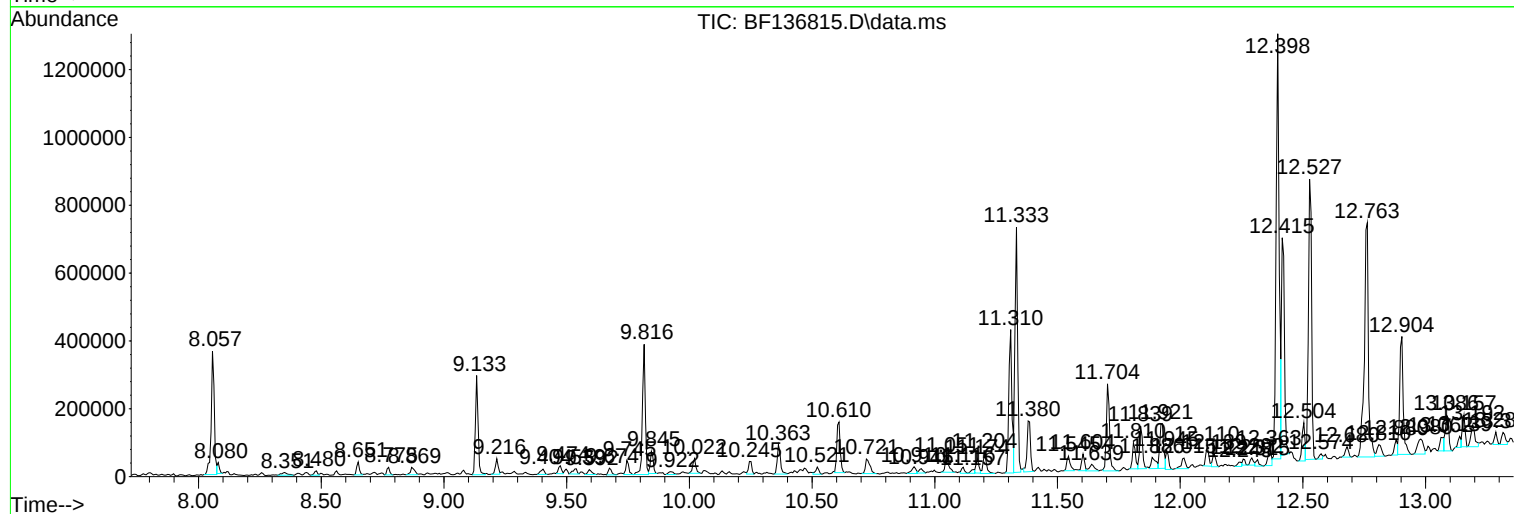
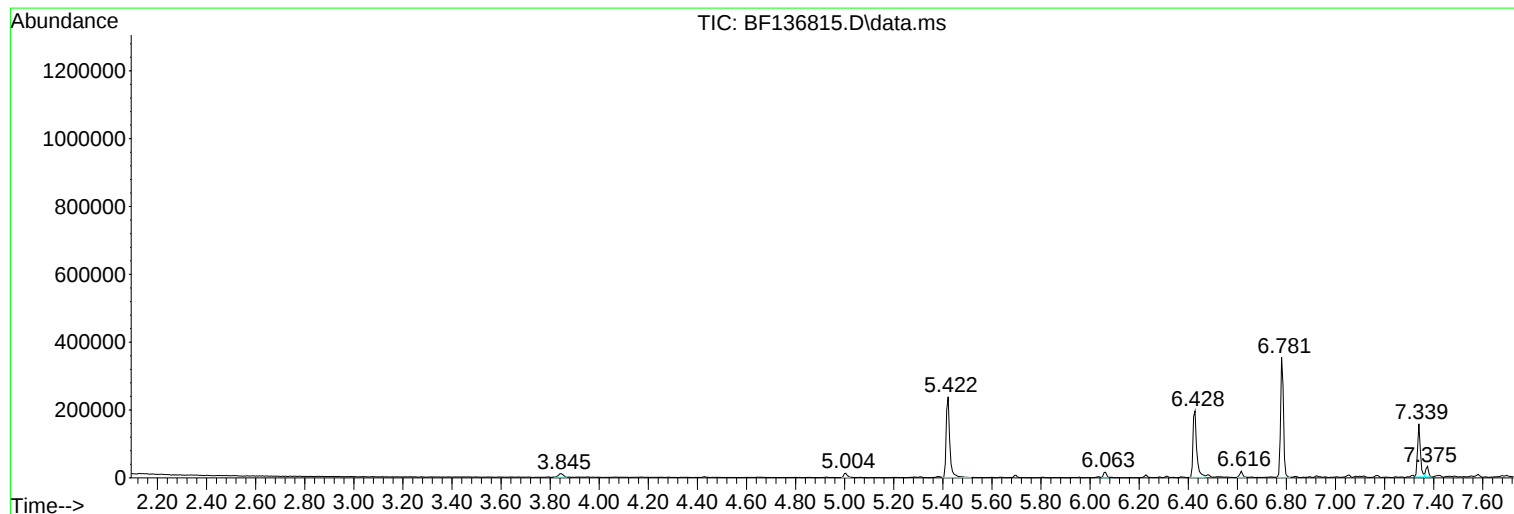
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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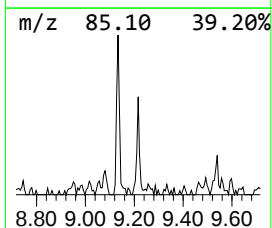
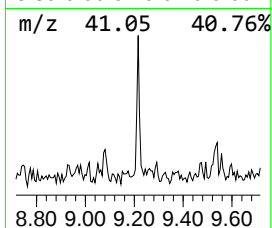
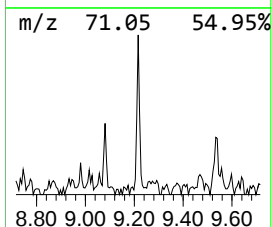
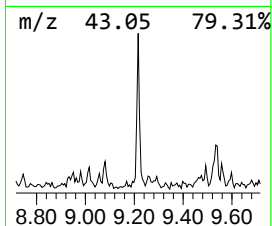
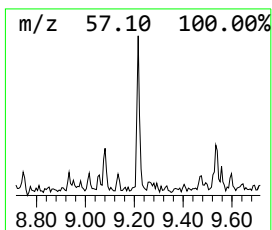
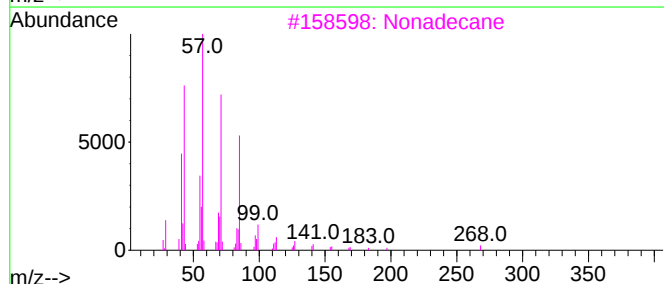
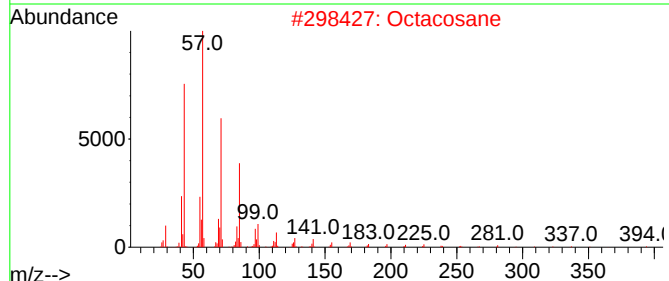
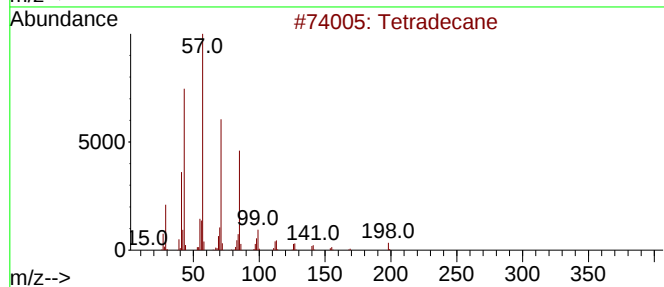
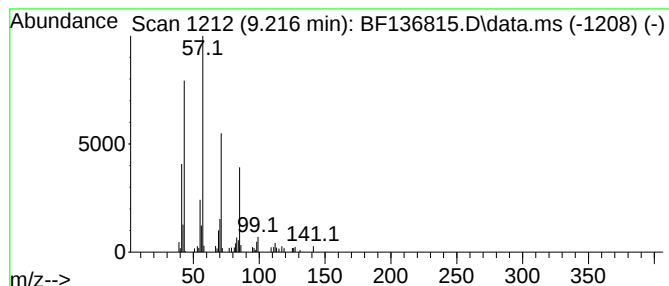
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	2.26 ng	35164	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	86
2		Octacosane	394	C28H58	000630-02-4	78
3		Nonadecane	268	C19H40	000629-92-5	78
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



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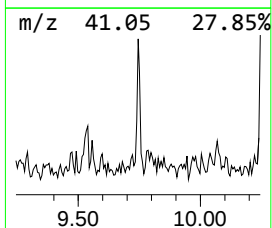
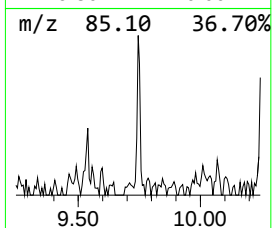
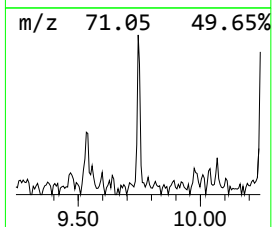
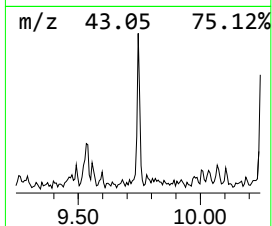
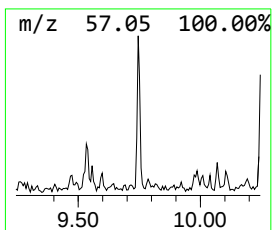
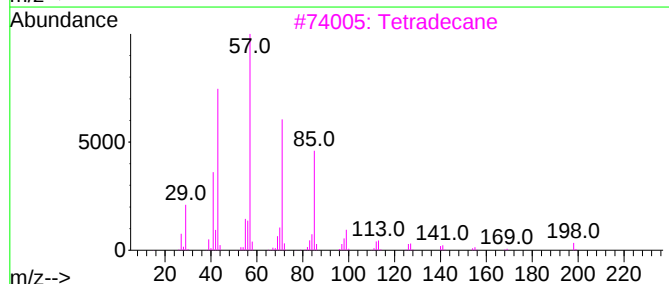
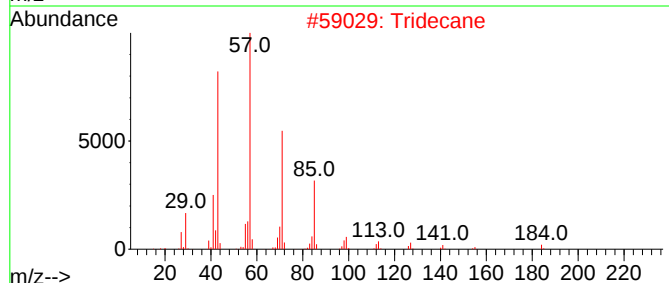
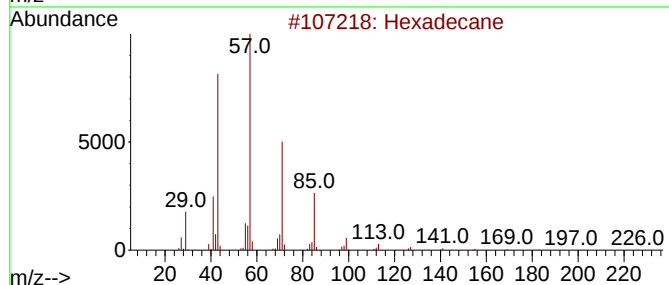
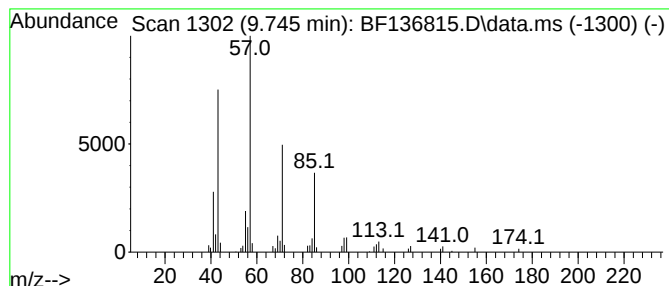
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.745	2.16 ng	33676	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



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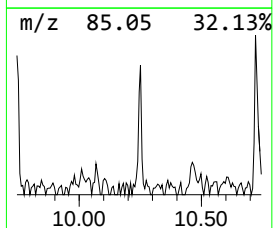
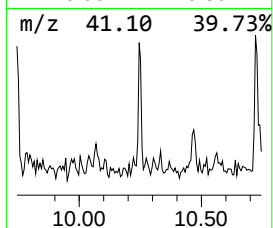
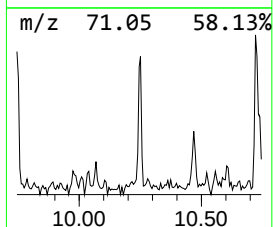
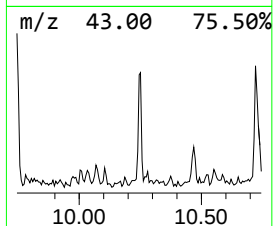
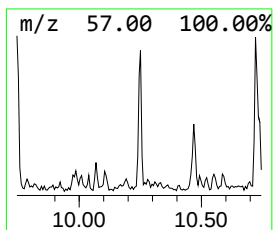
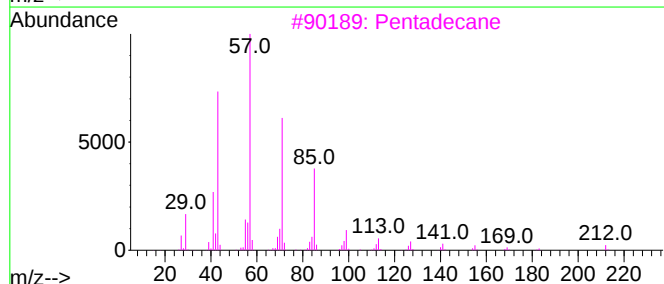
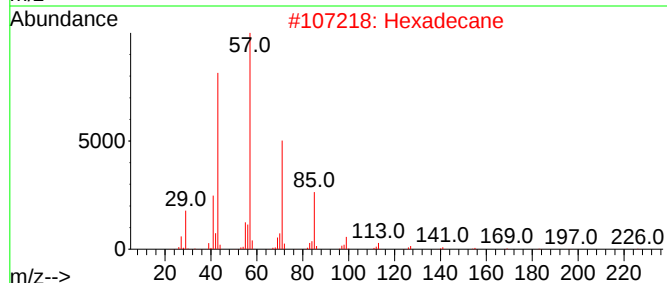
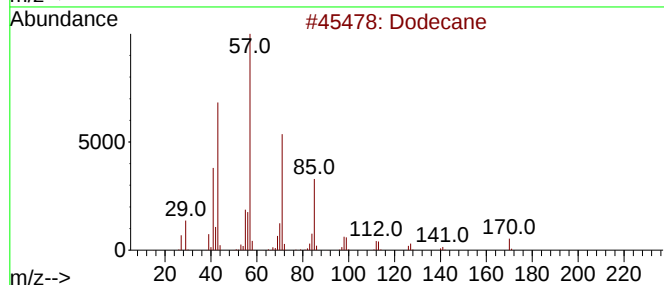
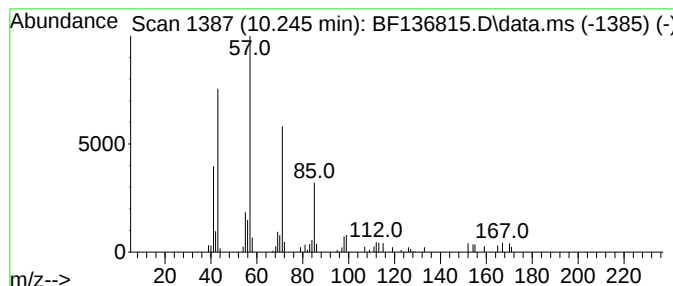
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	2.14 ng	33406	Acenaphthene-d10	9.816

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	81
2			Hexadecane	226	C16H34	000544-76-3	64
3			Pentadecane	212	C15H32	000629-62-9	64
4			Nonadecane	268	C19H40	000629-92-5	59
5			Heptadecane	240	C17H36	000629-78-7	59



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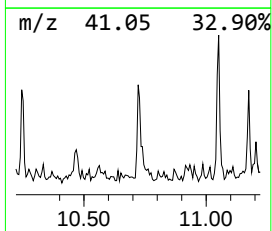
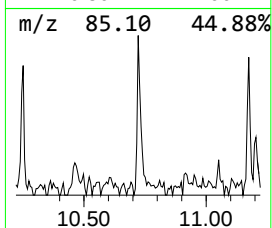
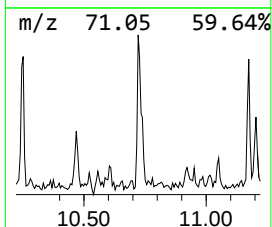
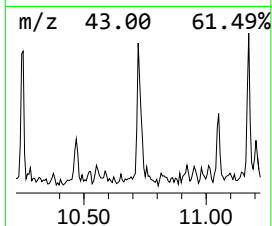
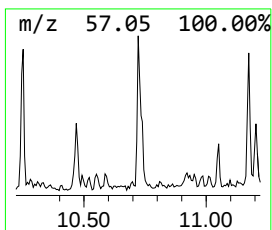
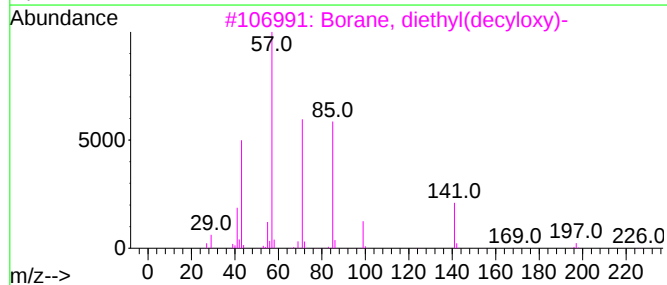
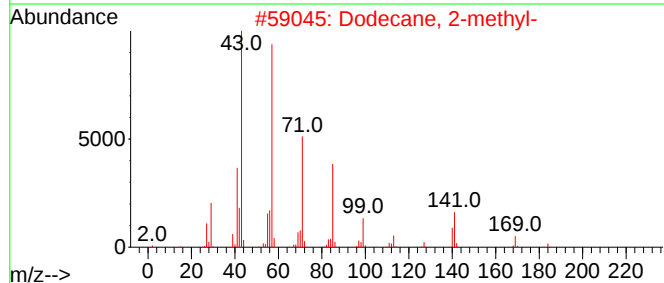
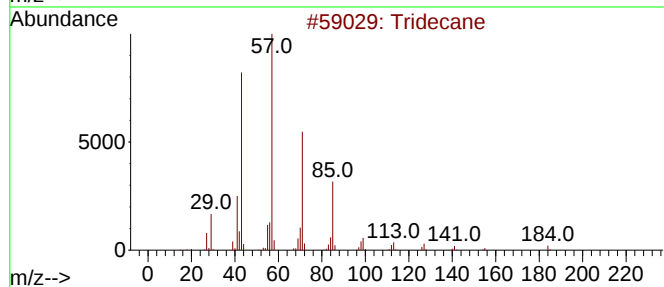
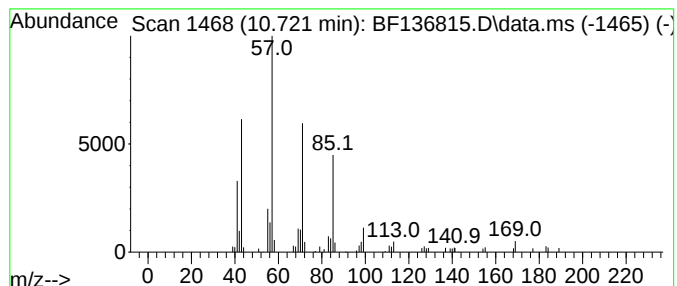
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	2.84 ng	54440	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
3			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	72
4			Heptadecane	240	C17H36	000629-78-7	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-5-122723

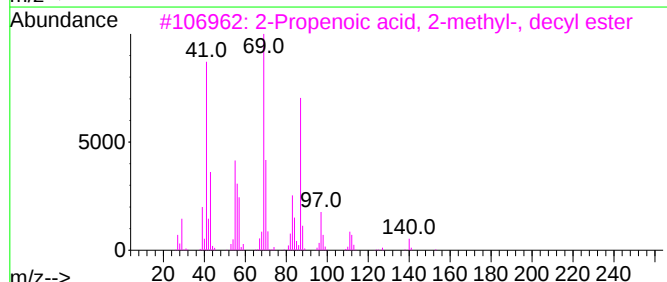
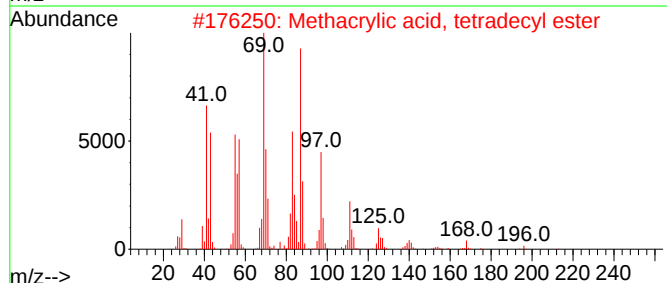
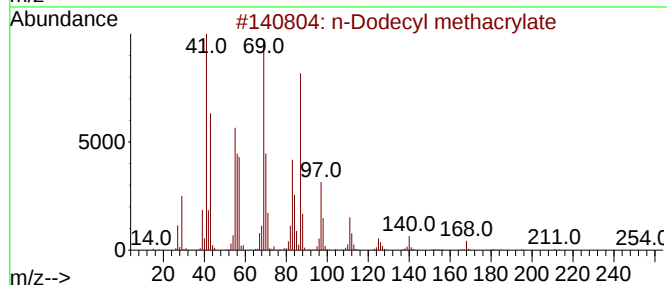
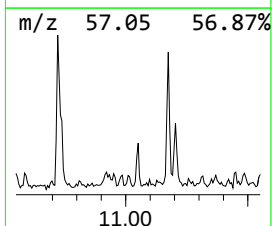
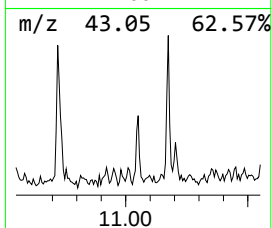
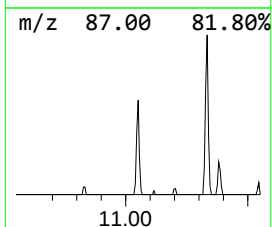
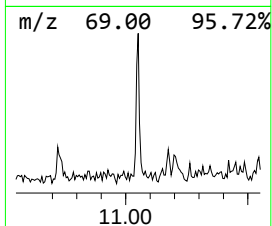
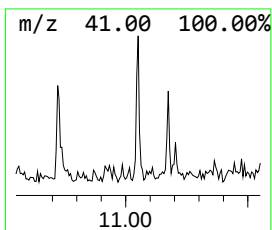
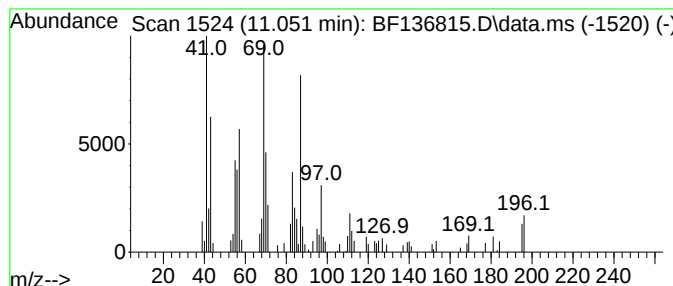
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Dodecyl methacrylate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.051	2.46 ng	47220	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	87
2			Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	80
3			2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	80
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	60
5			Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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TR-5-122723

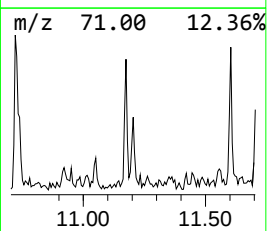
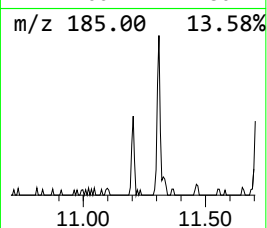
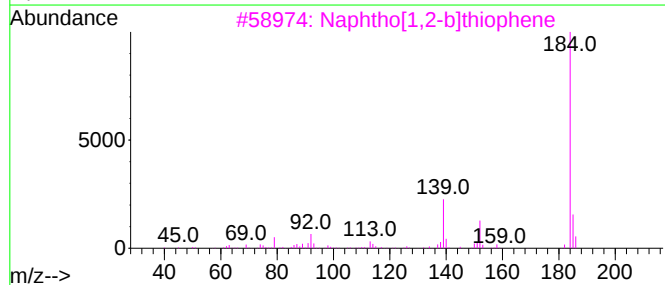
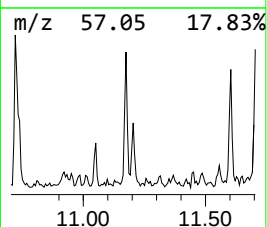
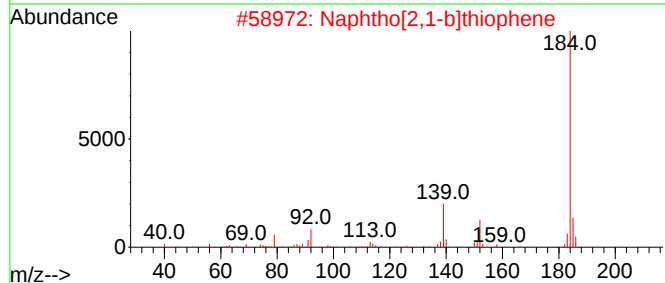
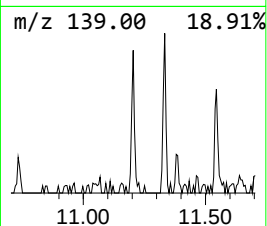
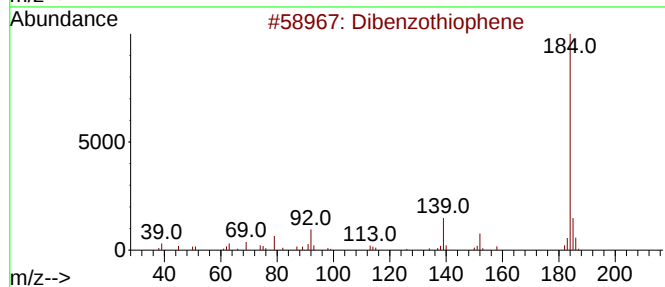
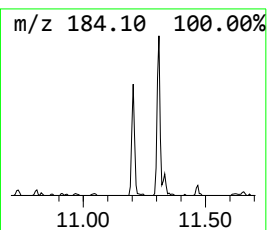
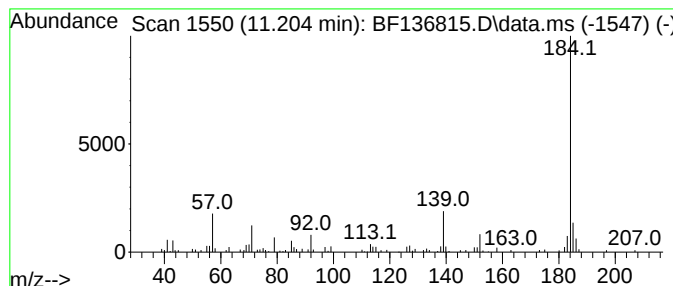
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.94 ng	56421	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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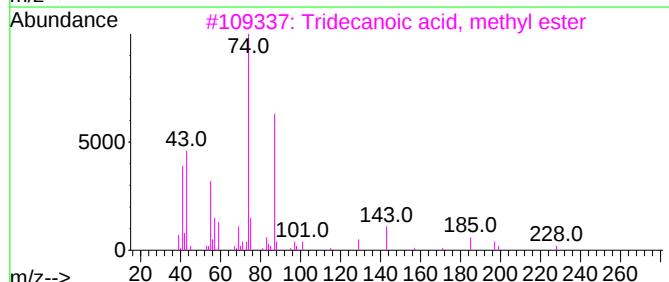
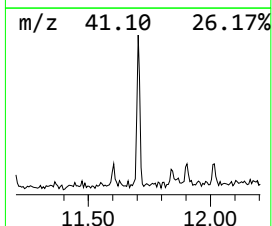
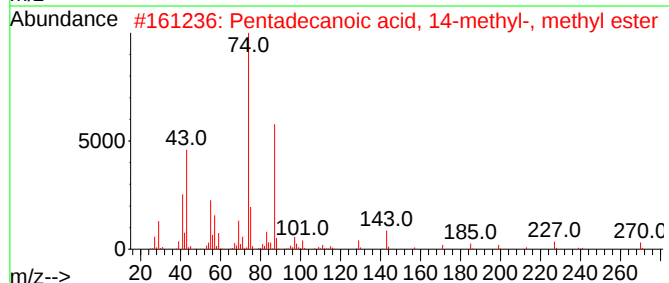
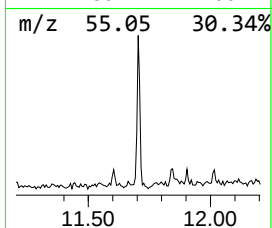
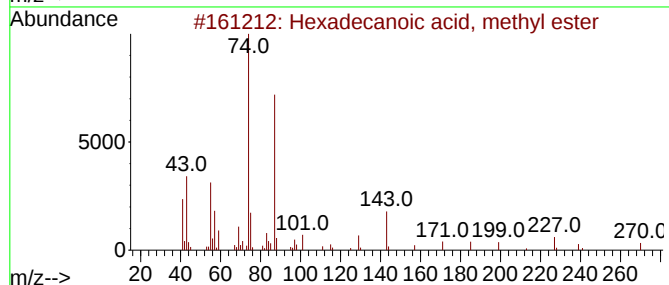
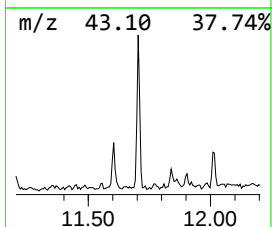
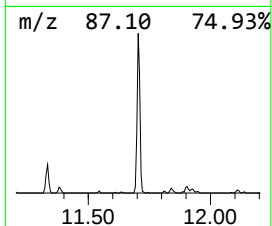
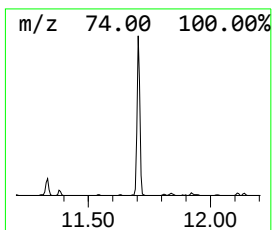
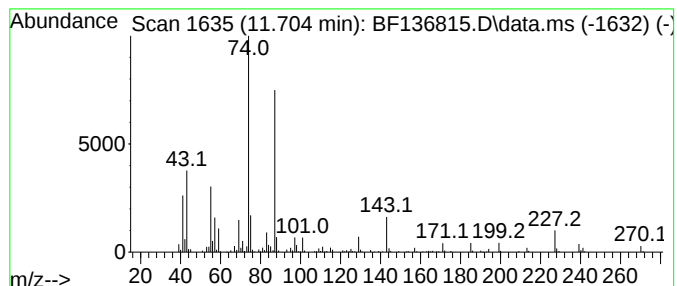
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	11.70 ng	224274	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4			Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
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Instrument :
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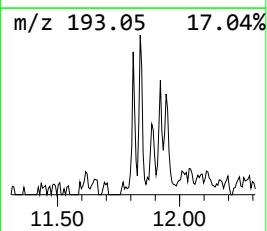
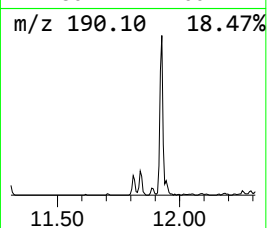
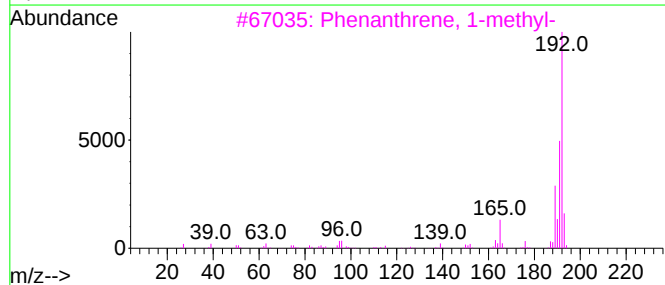
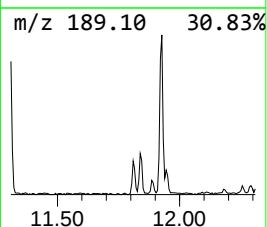
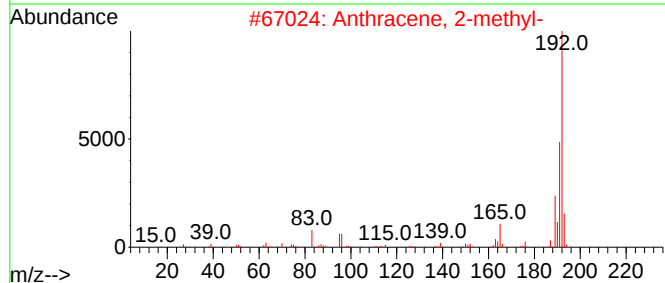
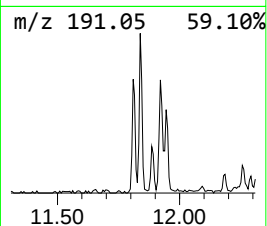
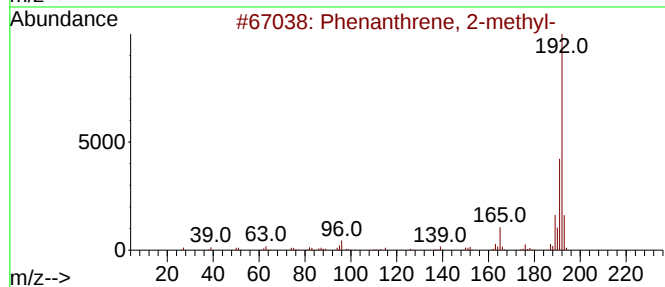
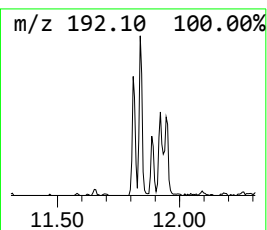
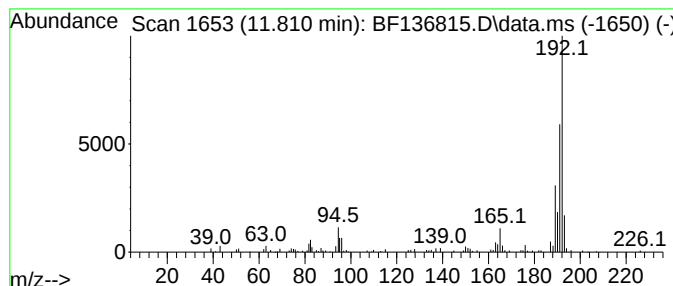
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	3.55 ng	68122	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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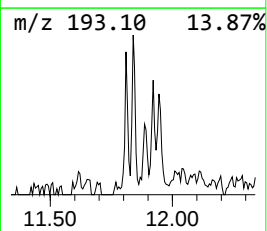
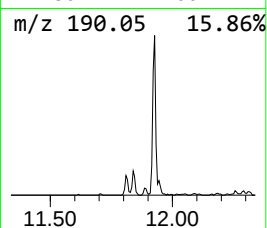
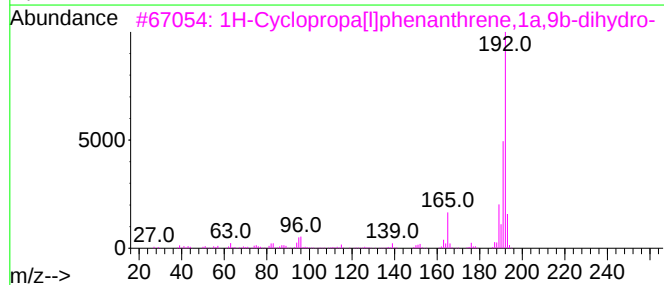
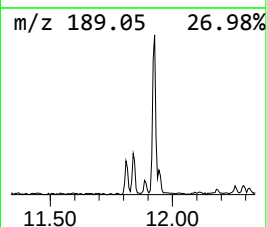
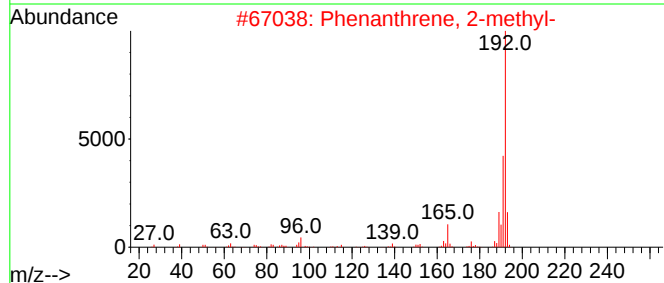
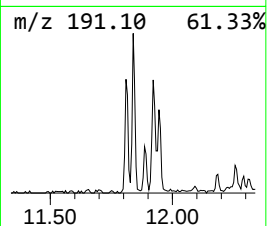
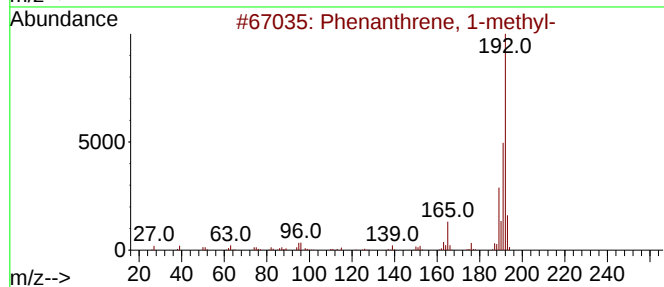
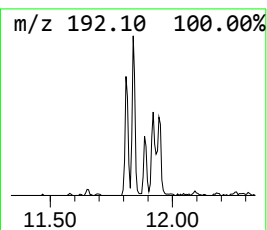
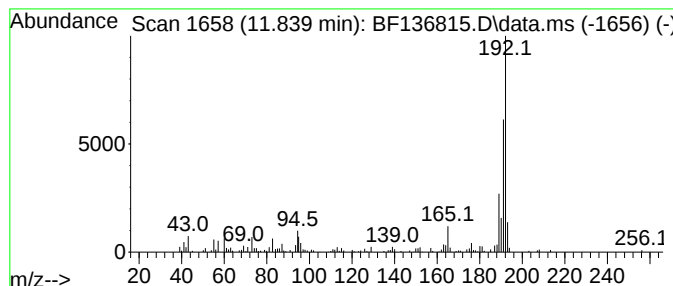
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	5.46 ng	104593	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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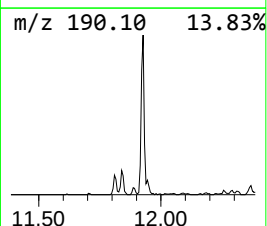
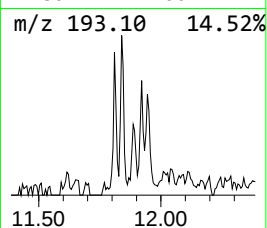
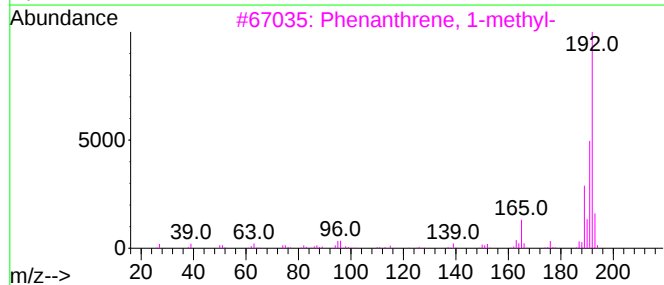
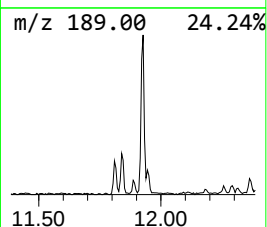
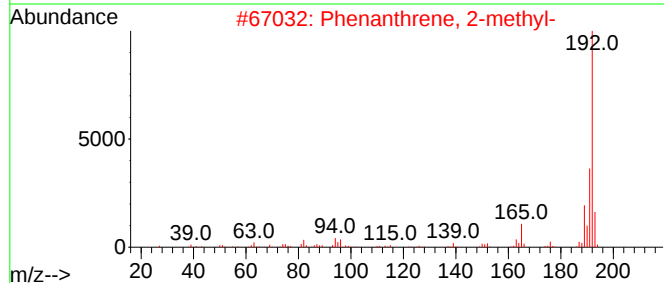
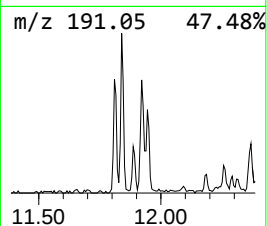
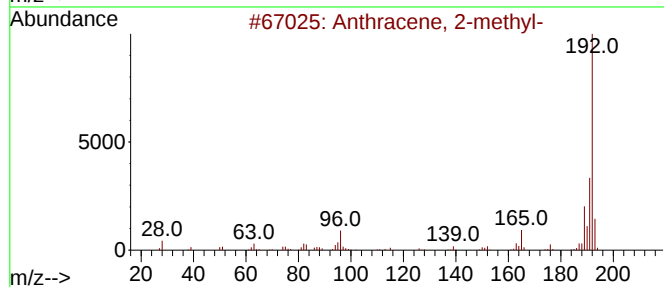
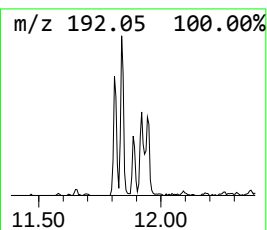
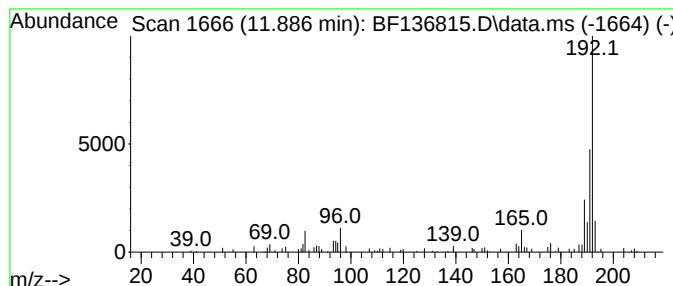
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.34 ng	44960	Phenanthrene-d10	11.310

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			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
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Instrument :
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ClientSampleId :
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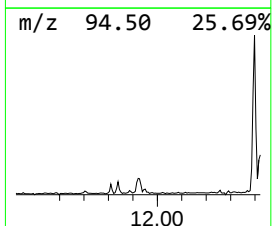
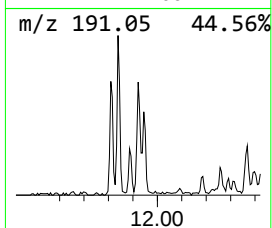
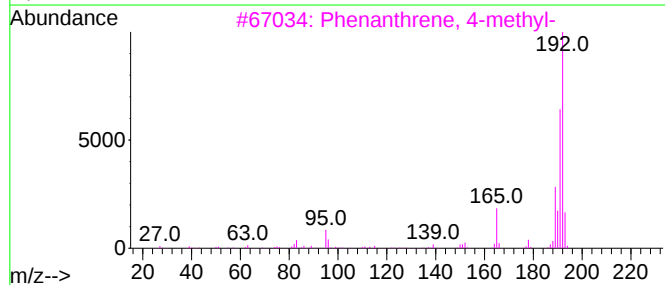
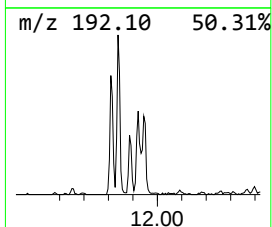
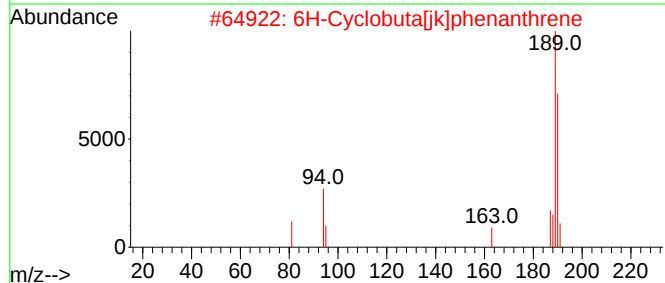
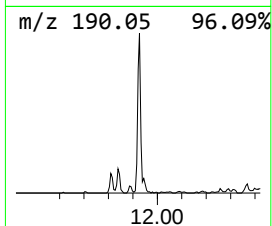
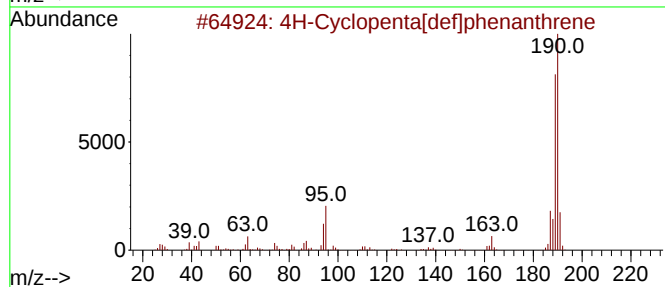
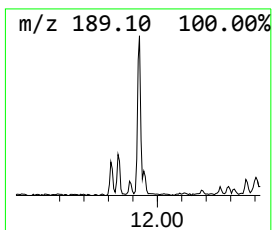
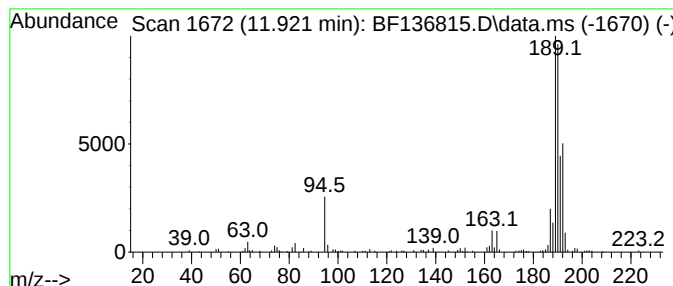
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	7.46 ng	143054	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
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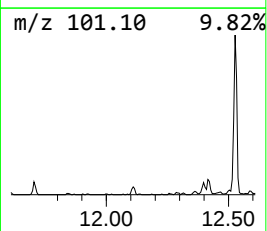
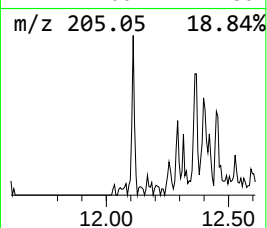
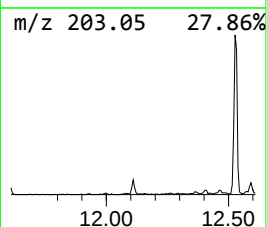
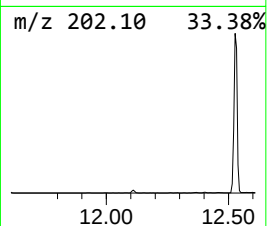
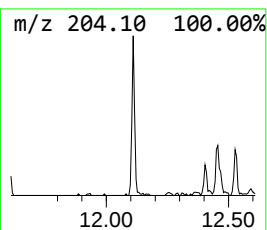
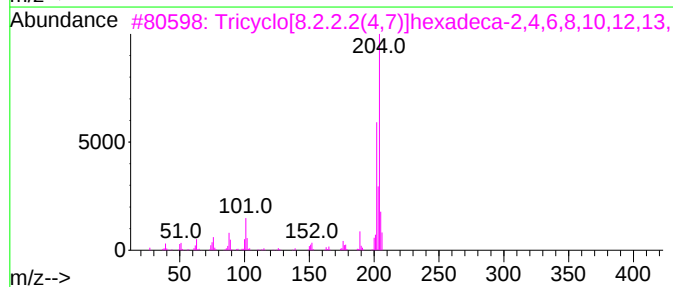
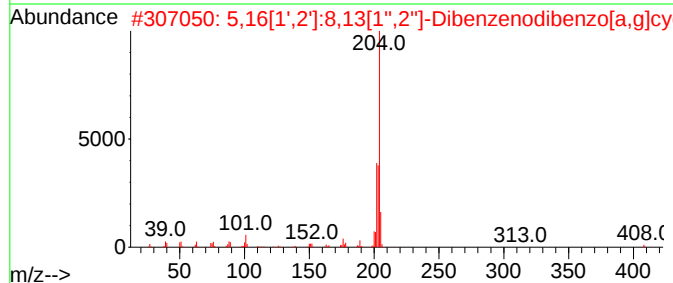
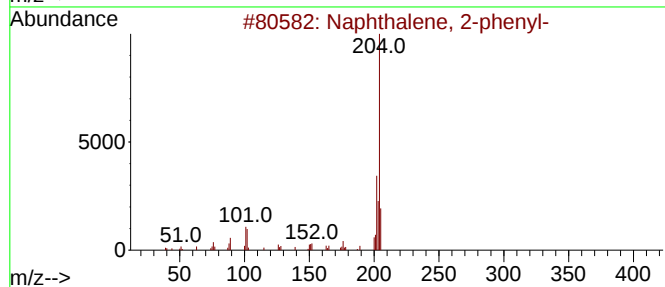
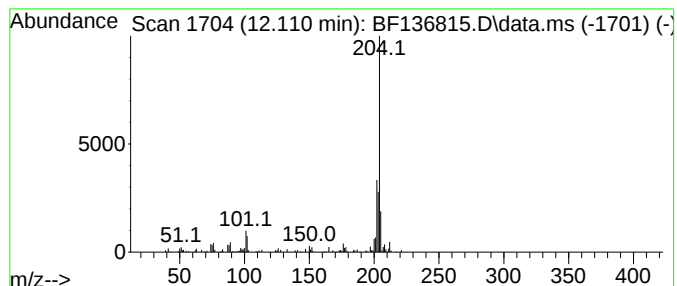
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.72 ng	52121	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
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Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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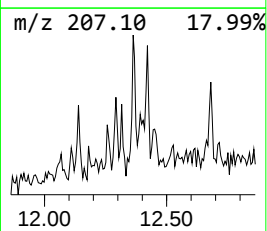
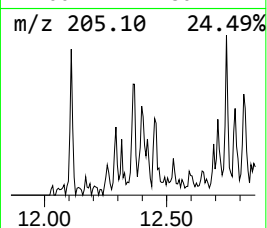
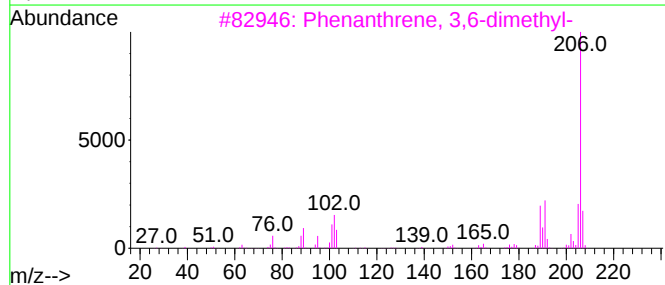
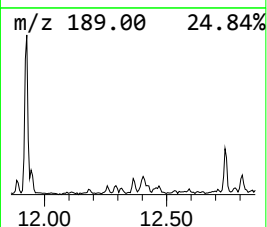
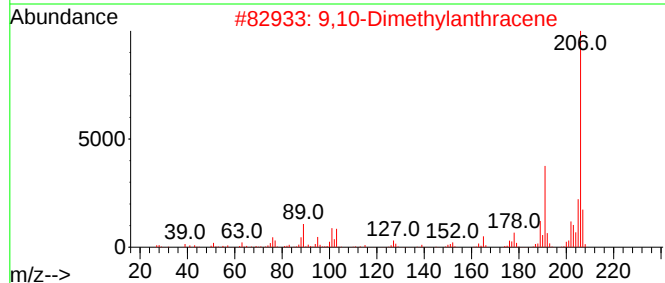
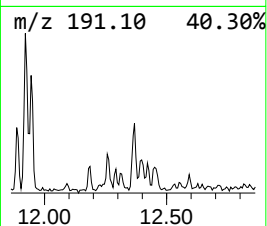
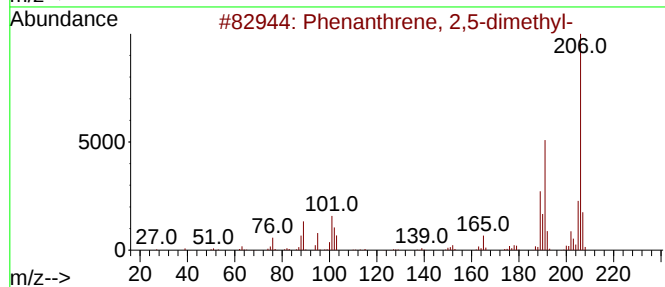
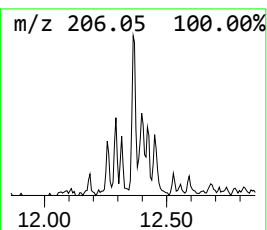
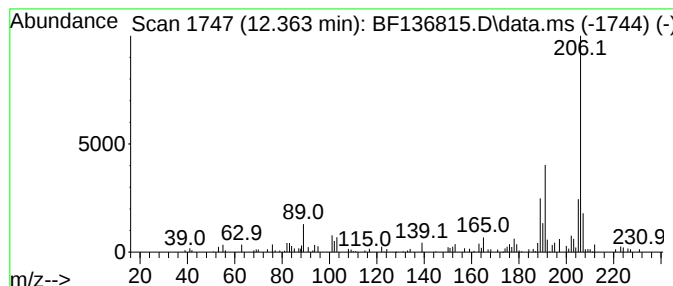
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	2.54 ng	48655	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

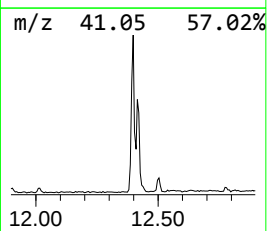
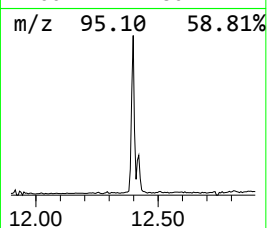
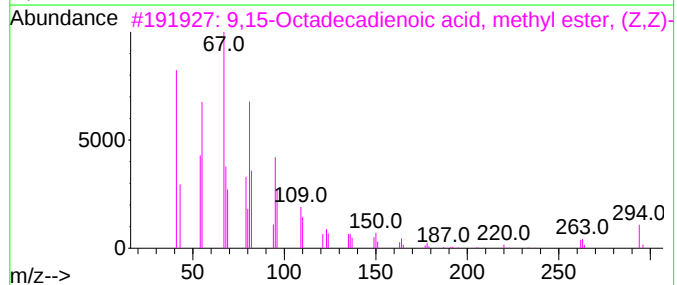
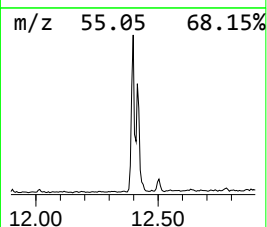
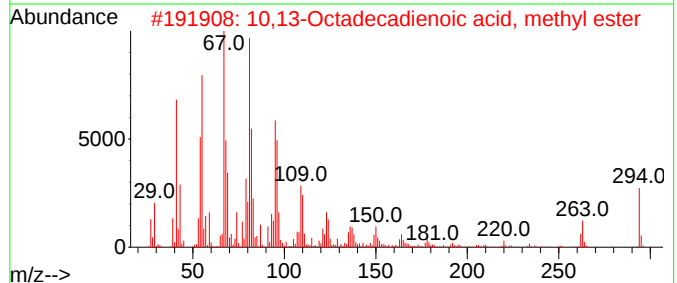
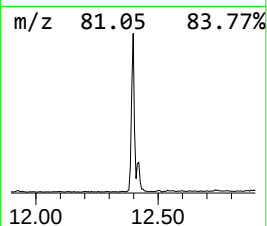
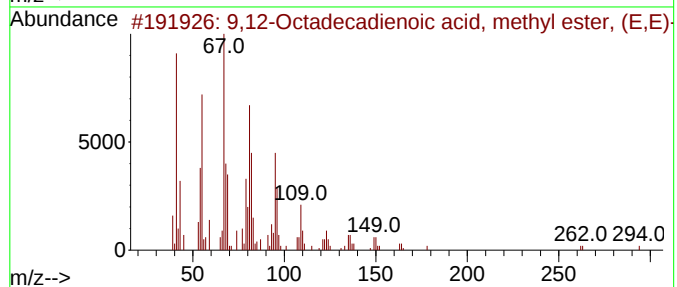
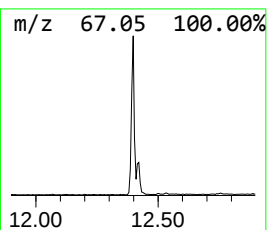
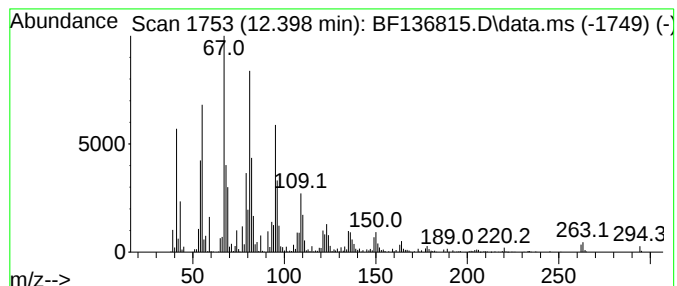
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	56.54 ng	1084120	Phenanthrene-d10	11.310
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002566-97-4 99
2		10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2 99
3		9,15-Octadecadienoic acid, methy...	294 C19H34O2	017309-05-6 99
4		9,12-Octadecadienoic acid, methy...	294 C19H34O2	002462-85-3 99
5		9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0 99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
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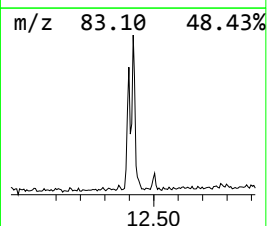
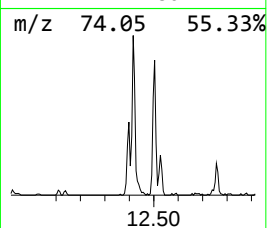
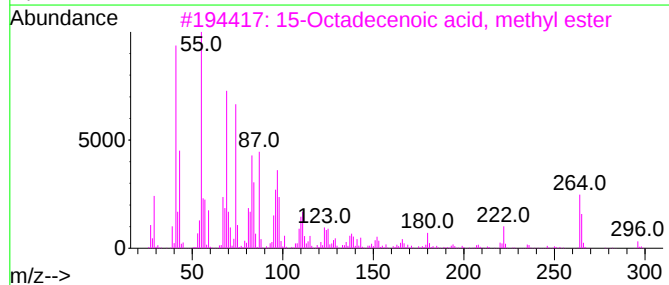
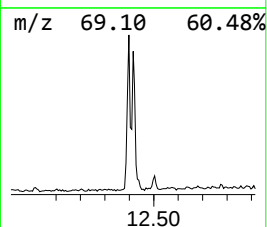
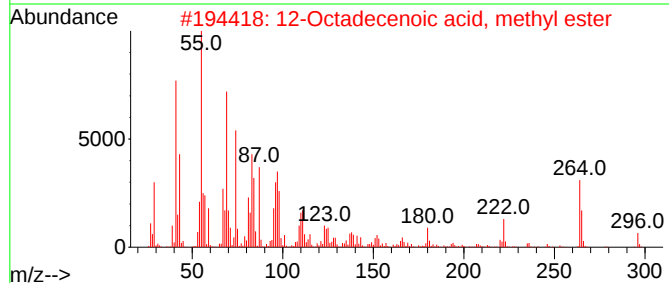
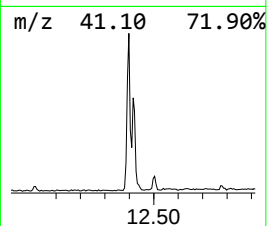
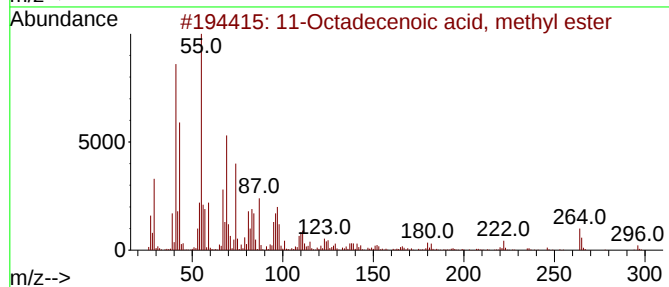
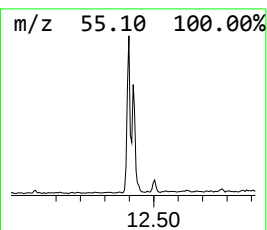
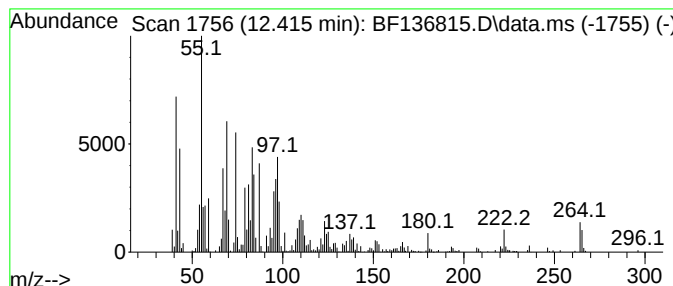
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.416	26.39 ng	506072	Phenanthrene-d10		11.310	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
4		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
5		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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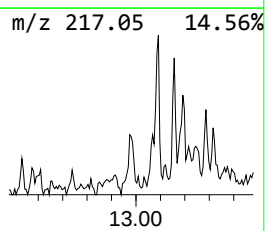
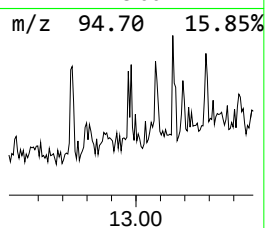
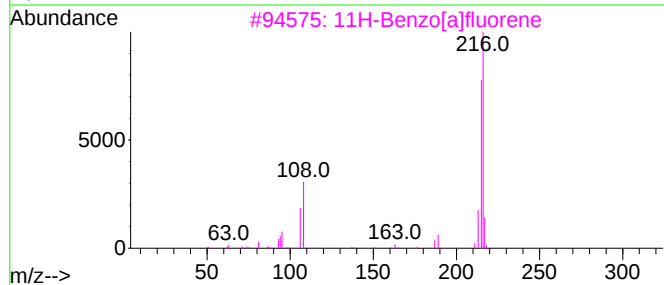
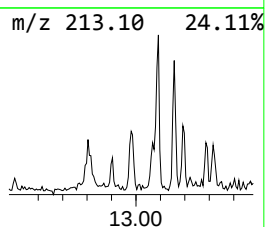
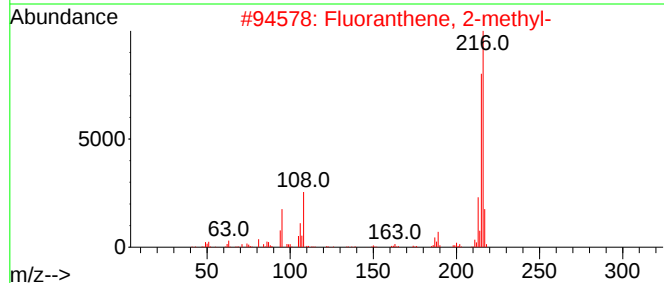
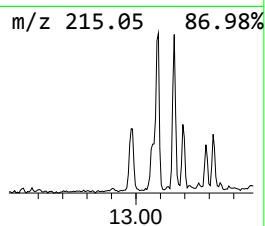
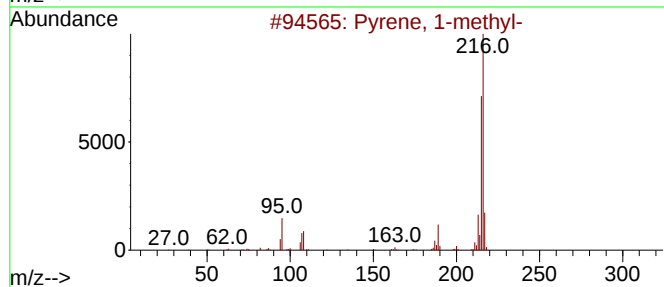
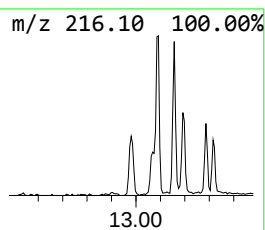
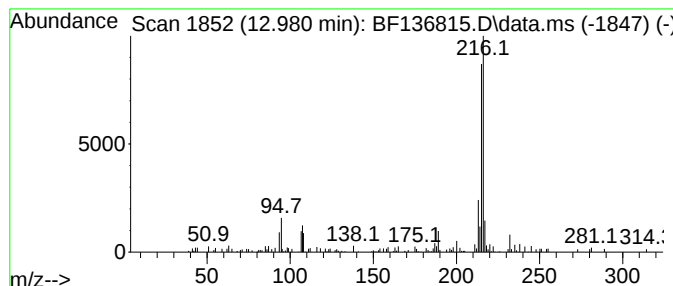
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.980	2.33 ng	74958	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
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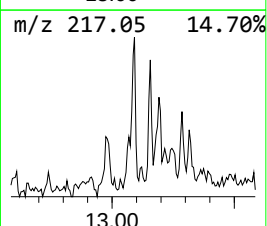
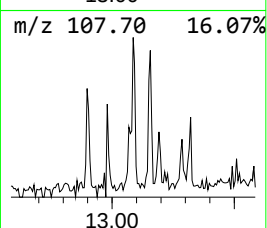
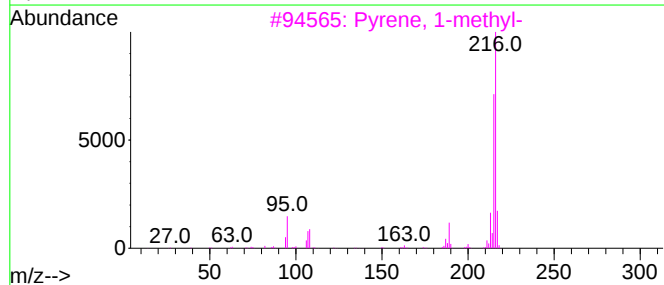
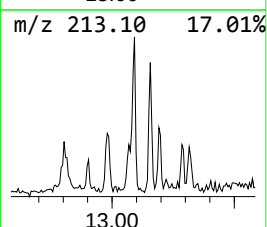
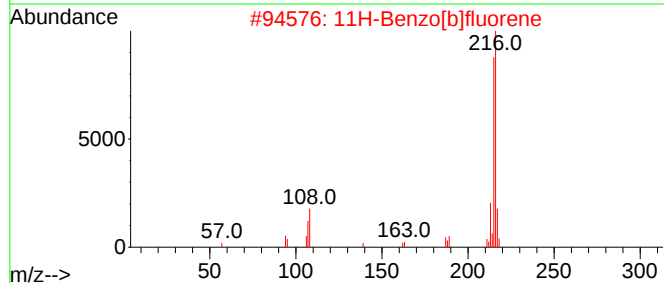
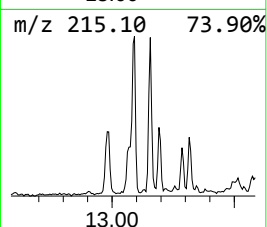
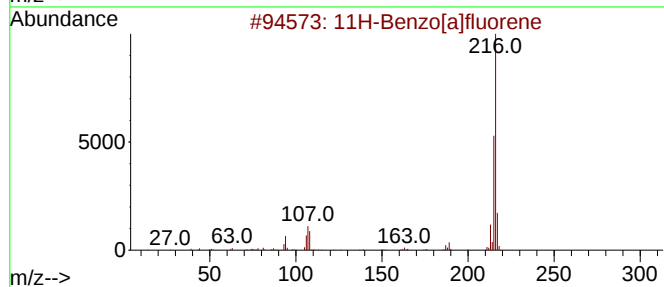
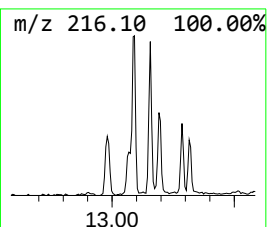
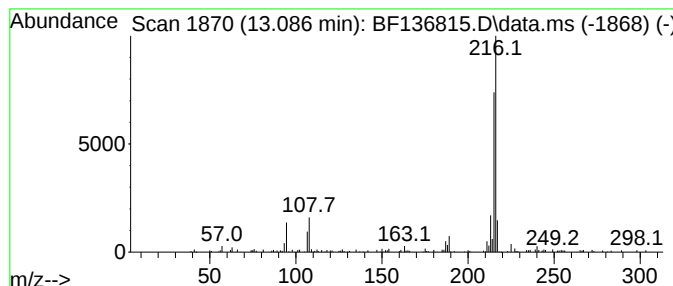
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.10 ng	99728	Chrysene-d12	13.968

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	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-5-122723

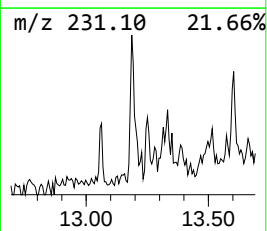
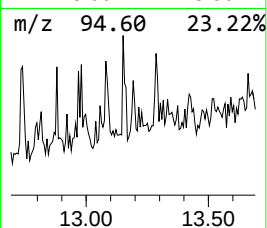
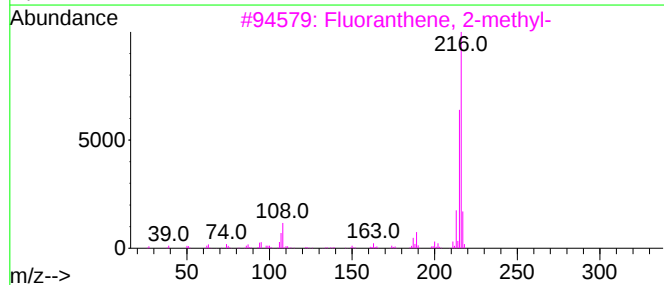
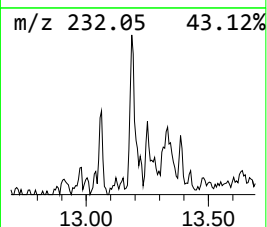
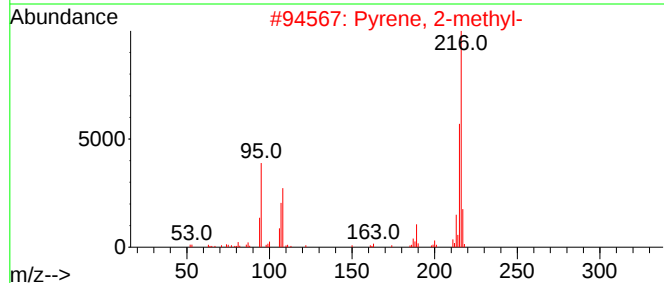
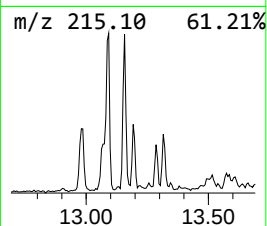
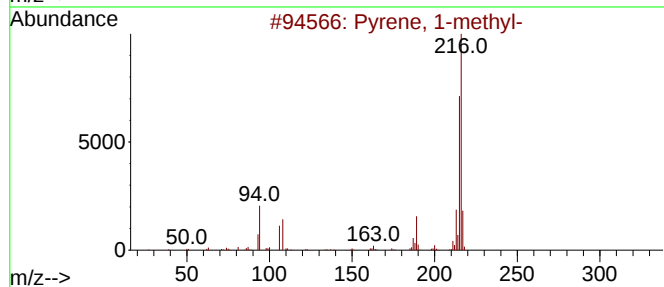
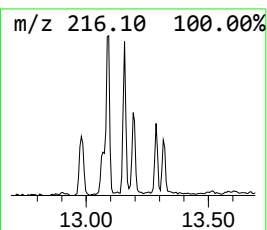
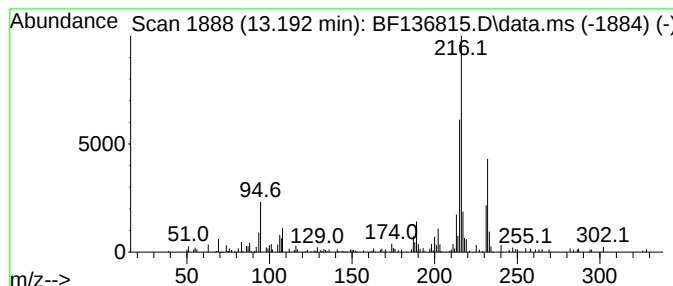
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.30 ng	74046	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

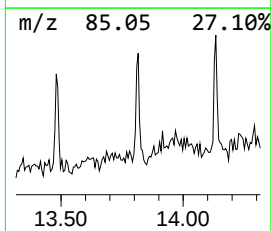
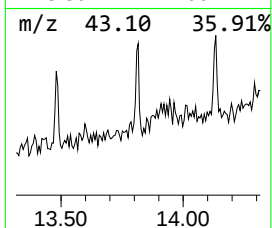
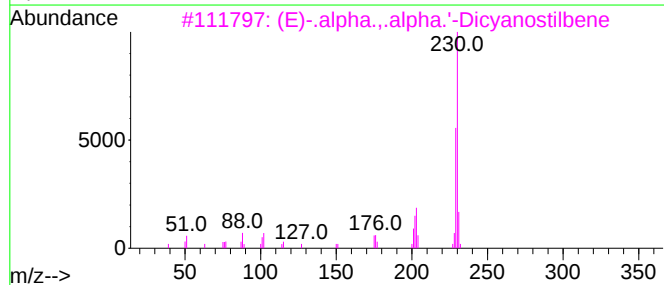
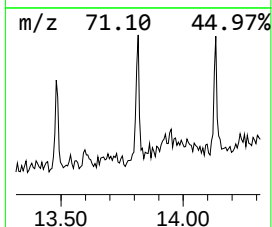
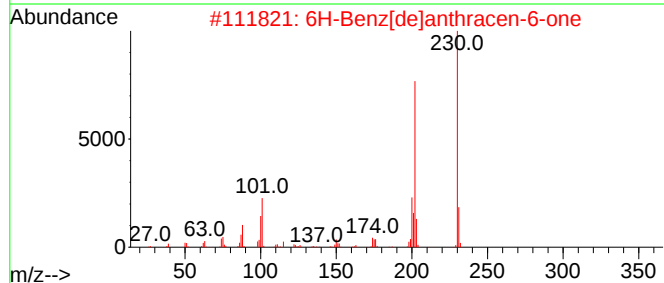
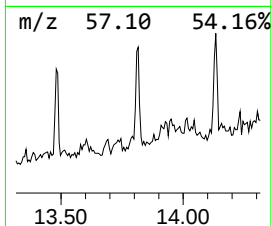
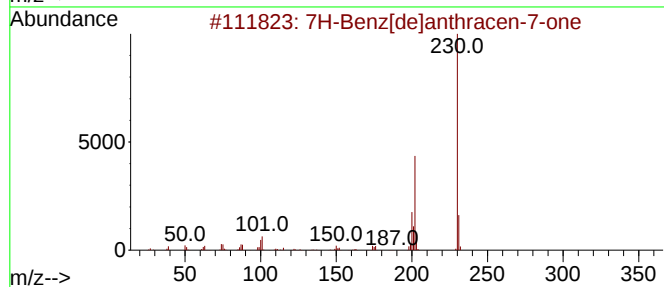
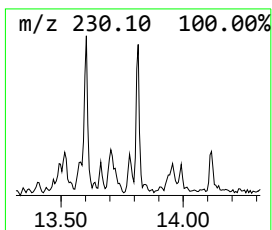
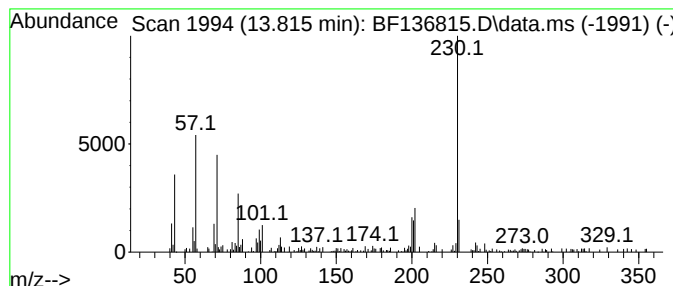
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ClientSampleId :
TR-5-122723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.815	2.16 ng	69404	Chrysene-d12	13.968	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	47
3	(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	43
4	Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	43
5	m-Terphenyl	230	C18H14	000092-06-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-5-122723

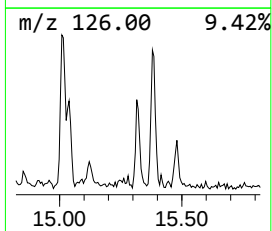
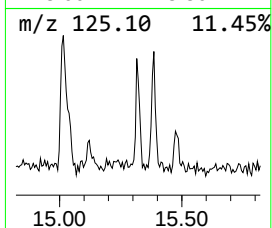
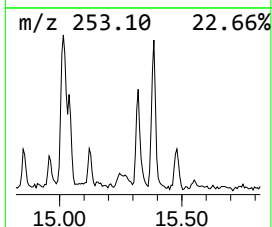
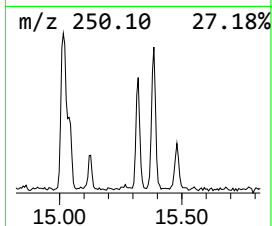
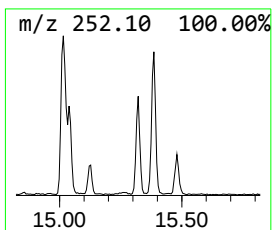
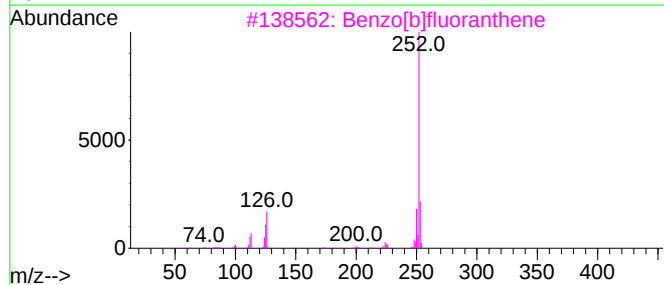
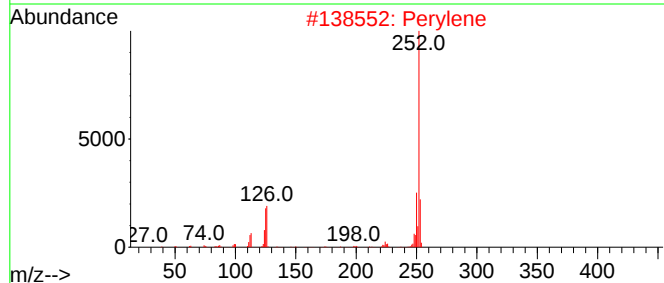
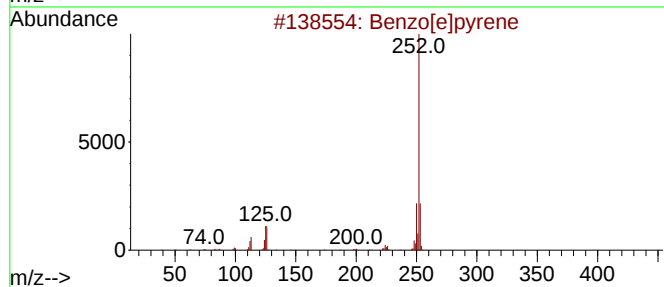
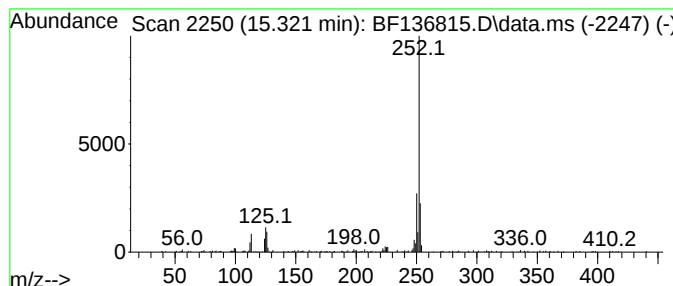
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	12.05 ng	117884	Perylene-d12	15.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Perylene	252	C20H12	000198-55-0	93
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
Data File : BF136815.D
Acq On : 29 Dec 2023 02:26
Operator : CG\JU
Sample : 06035-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-5-122723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Tetradecane	9.216	2.3	ng	35164	3	9.816	311632	20.0
Hexadecane	9.745	2.2	ng	33676	3	9.816	311632	20.0
Dodecane	10.245	2.1	ng	33406	3	9.816	311632	20.0
Tridecane	10.722	2.8	ng	54440	4	11.310	383467	20.0
n-Dodecyl metha...	11.051	2.5	ng	47220	4	11.310	383467	20.0
Dibenzothiophene	11.204	2.9	ng	56421	4	11.310	383467	20.0
Hexadecanoic ac...	11.704	11.7	ng	224274	4	11.310	383467	20.0
Phenanthrene, 2...	11.810	3.5	ng	68122	4	11.310	383467	20.0
Phenanthrene, 1...	11.839	5.5	ng	104593	4	11.310	383467	20.0
Anthracene, 2-m...	11.886	2.3	ng	44960	4	11.310	383467	20.0
4H-Cyclopenta[d...	11.921	7.5	ng	143054	4	11.310	383467	20.0
Naphthalene, 2-...	12.110	2.7	ng	52121	4	11.310	383467	20.0
Phenanthrene, 2...	12.363	2.5	ng	48655	4	11.310	383467	20.0
9,12-Octadecadi...	12.398	56.5	ng	1084120	4	11.310	383467	20.0
11-Octadecenoic...	12.416	26.4	ng	506072	4	11.310	383467	20.0
Pyrene, 1-methyl-	12.980	2.3	ng	74958	5	13.968	643432	20.0
11H-Benzo[a]flu...	13.086	3.1	ng	99728	5	13.968	643432	20.0
Pyrene, 2-methyl-	13.192	2.3	ng	74046	5	13.968	643432	20.0
7H-Benz[de]anth...	13.815	2.2	ng	69404	5	13.968	643432	20.0
Benzo[e]pyrene	15.321	12.1	ng	117884	6	15.451	195704	20.0