

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
 Data File : BF139783.D
 Acq On : 11 Oct 2024 19:08
 Operator : RC/JU
 Sample : P4377-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-100924

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-BF100124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139783.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.069	502	506	514	rVB	20386	27446	1.97%	0.197%
2	5.487	572	577	589	rBV	305107	418617	29.99%	3.006%
3	6.498	744	749	765	rBV	284187	398248	28.53%	2.860%
4	6.869	807	812	818	rVB	306903	379244	27.17%	2.724%
5	7.428	902	907	917	rVB	179633	232538	16.66%	1.670%
6	8.151	1022	1030	1036	rBV	328167	437719	31.36%	3.144%
7	8.734	1125	1129	1134	rVB	16104	18945	1.36%	0.136%
8	9.222	1207	1212	1217	rBV	331989	399255	28.60%	2.867%
9	9.298	1221	1225	1234	rBV	34423	46943	3.36%	0.337%
10	9.557	1263	1269	1275	rBV6	12873	29741	2.13%	0.214%
11	9.616	1275	1279	1287	rVV5	21460	42178	3.02%	0.303%
12	9.828	1310	1315	1319	rVV	45232	56923	4.08%	0.409%
13	9.904	1319	1328	1331	rBV	357405	453516	32.49%	3.257%
14	9.934	1331	1333	1337	rVB	65776	76105	5.45%	0.547%
15	10.063	1350	1355	1357	rBV2	15068	22321	1.60%	0.160%
16	10.110	1360	1363	1366	rVV	24404	31325	2.24%	0.225%
17	10.151	1366	1370	1374	rVV4	15411	21252	1.52%	0.153%
18	10.328	1394	1400	1404	rBV2	64759	93253	6.68%	0.670%
19	10.451	1416	1421	1426	rBV	52895	74481	5.34%	0.535%
20	10.545	1433	1437	1443	rVB2	29002	42033	3.01%	0.302%
21	10.610	1444	1448	1455	rVB2	31752	52571	3.77%	0.378%
22	10.692	1455	1462	1468	rBV	190256	257173	18.43%	1.847%
23	10.804	1476	1481	1489	rBV	79617	141278	10.12%	1.015%
24	10.998	1509	1514	1517	rBV3	21384	37494	2.69%	0.269%
25	11.128	1532	1536	1537	rBV2	12751	17223	1.23%	0.124%
26	11.198	1545	1548	1551	rVB	17181	20085	1.44%	0.144%
27	11.251	1552	1557	1560	rVV2	68248	104161	7.46%	0.748%
28	11.281	1560	1562	1568	rVB2	46529	66237	4.75%	0.476%
29	11.392	1576	1581	1583	rBV	397089	555808	39.82%	3.992%
30	11.416	1583	1585	1590	rVV	496475	543668	38.95%	3.904%
31	11.469	1590	1594	1597	rVB	118022	145399	10.42%	1.044%
32	11.622	1614	1620	1625	rBV2	58597	103802	7.44%	0.745%
33	11.675	1625	1629	1634	rVV2	55046	76198	5.46%	0.547%
34	11.892	1662	1666	1668	rBV	69408	96231	6.89%	0.691%
35	11.922	1668	1671	1675	rVV	128853	175701	12.59%	1.262%
36	11.969	1676	1679	1682	rVV	42140	54834	3.93%	0.394%

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Integration Parameters: rteint.p

Integrator: RTE

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Sampling : 1

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 >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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37	12.010	1682	1686	1693	rVB2	145272	256368	18.37%	1.841%
38	12.080	1694	1698	1703	rBV2	52806	82924	5.94%	0.596%
39	12.186	1713	1716	1719	rBV	46815	64407	4.61%	0.463%
40	12.216	1719	1721	1726	rVB	60731	67109	4.81%	0.482%
41	12.369	1744	1747	1749	rBV	15713	17055	1.22%	0.122%
42	12.445	1756	1760	1761	rBV	37385	46920	3.36%	0.337%
43	12.475	1761	1765	1771	rVV3	79550	150404	10.78%	1.080%
44	12.533	1772	1775	1780	rVB	40756	52743	3.78%	0.379%
45	12.610	1783	1788	1793	rBV	1029239	1285610	92.11%	9.233%
46	12.839	1819	1827	1832	rBV	904554	1395780	100.00%	10.024%
47	12.886	1832	1835	1840	rVB2	49575	65461	4.69%	0.470%
48	12.975	1843	1850	1857	rBV3	376923	606320	43.44%	4.354%
49	13.051	1858	1863	1867	rBV2	83806	151900	10.88%	1.091%
50	13.163	1874	1882	1886	rBV	165454	292291	20.94%	2.099%
51	13.198	1886	1888	1890	rBV	20984	22965	1.65%	0.165%
52	13.227	1890	1893	1896	rBV2	97924	114484	8.20%	0.822%
53	13.269	1896	1900	1903	rBV2	81074	112879	8.09%	0.811%
54	13.363	1913	1916	1918	rBV	33086	38064	2.73%	0.273%
55	13.674	1966	1969	1974	rVB	62487	80008	5.73%	0.575%
56	13.786	1984	1988	1990	rBV2	67736	102183	7.32%	0.734%
57	14.033	2023	2030	2033	rBV2	577203	1073265	76.89%	7.708%
58	14.063	2033	2035	2042	rVB	358612	411230	29.46%	2.953%
59	15.086	2204	2209	2217	rBV	281772	622454	44.60%	4.470%
60	15.386	2256	2260	2266	rVB	151505	235916	16.90%	1.694%
61	15.451	2266	2271	2276	rBV	221420	332774	23.84%	2.390%
62	15.516	2277	2282	2286	rBV	172621	302011	21.64%	2.169%
63	16.992	2529	2533	2542	rVB2	90200	190923	13.68%	1.371%

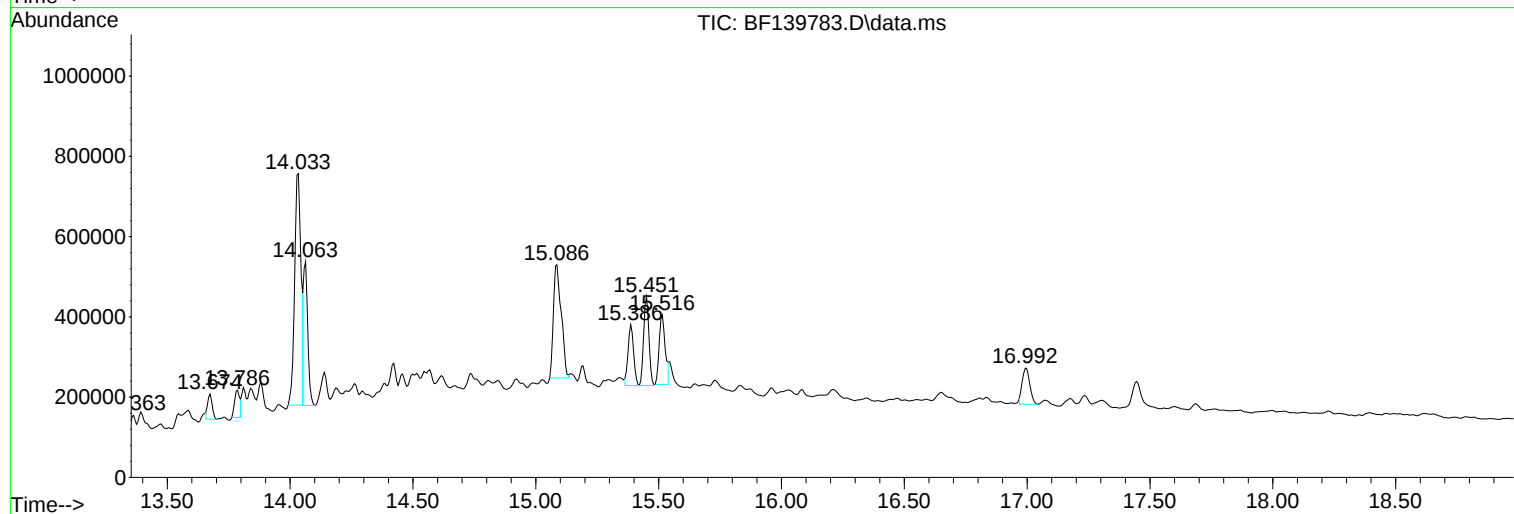
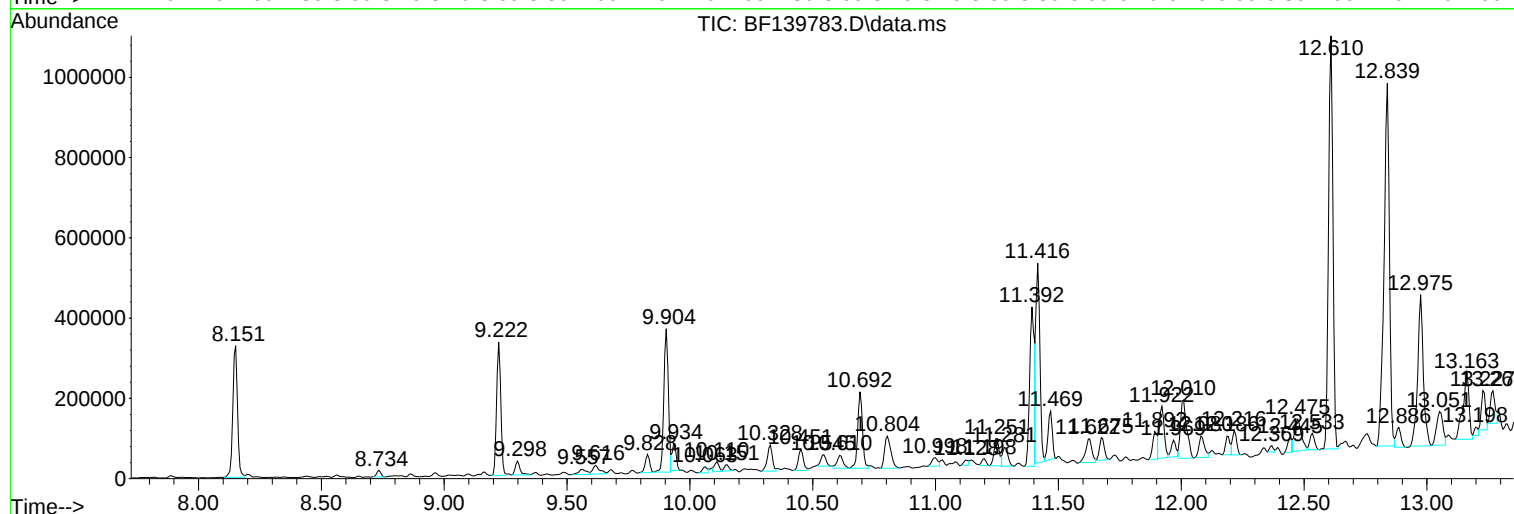
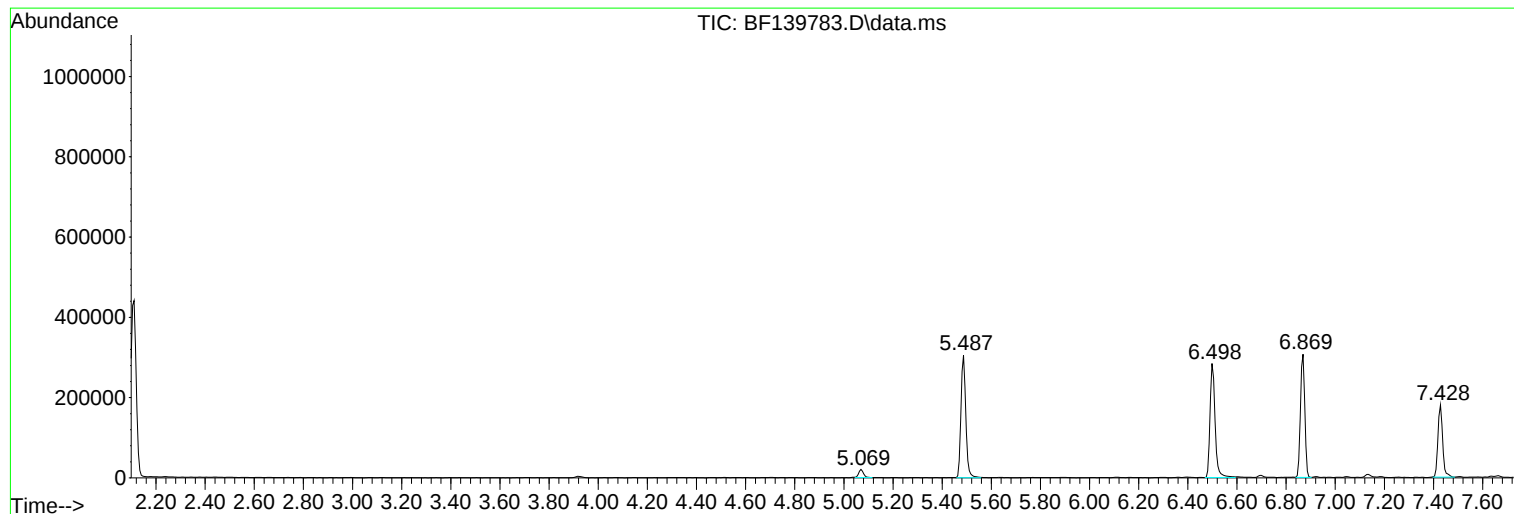
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF139783.D
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Operator : RC/JU
Sample : P4377-01 5X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100924

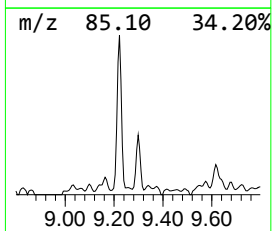
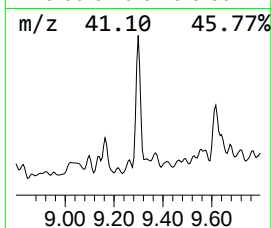
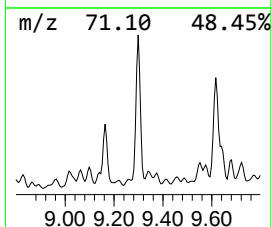
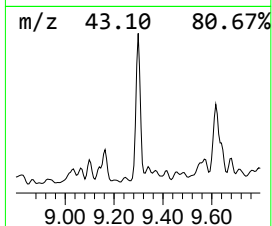
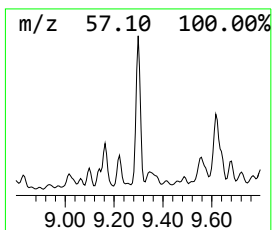
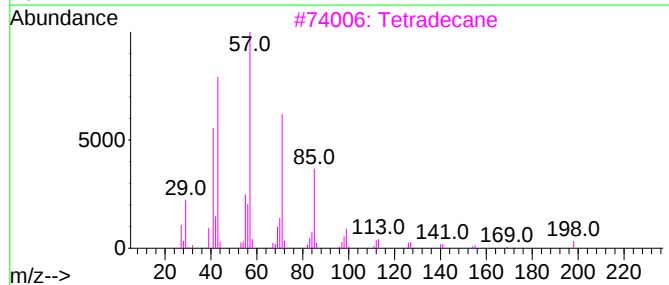
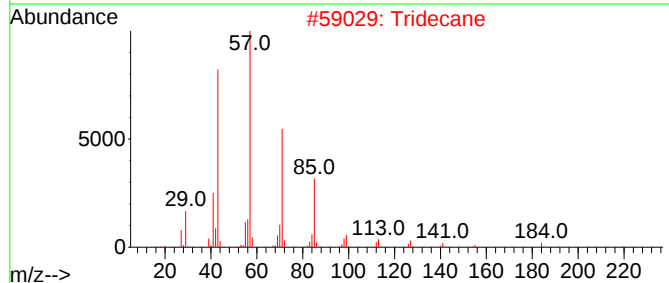
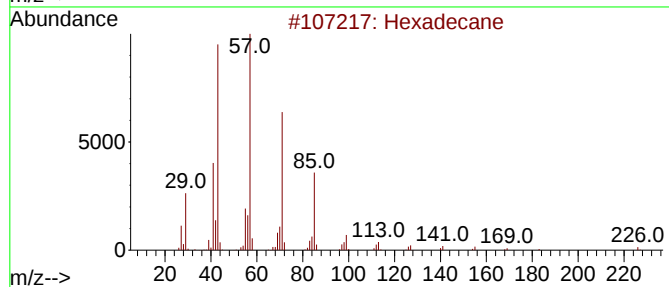
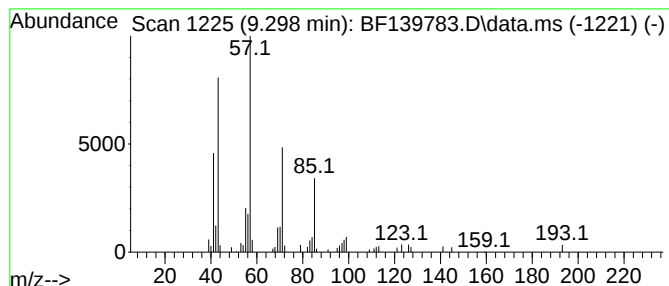
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.298	2.07 ng	46943	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Tetradecane	198	C14H30	000629-59-4	80
4		Undecane	156	C11H24	001120-21-4	72
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



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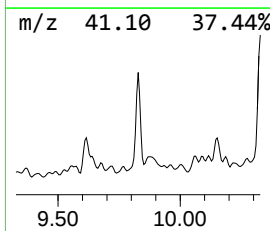
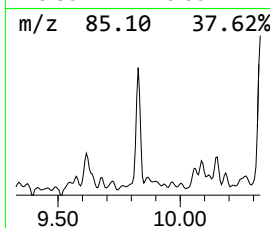
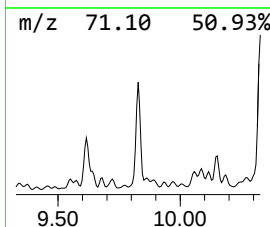
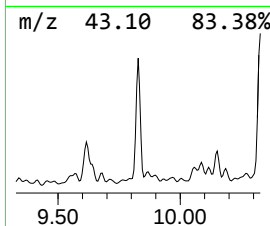
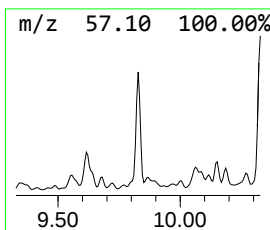
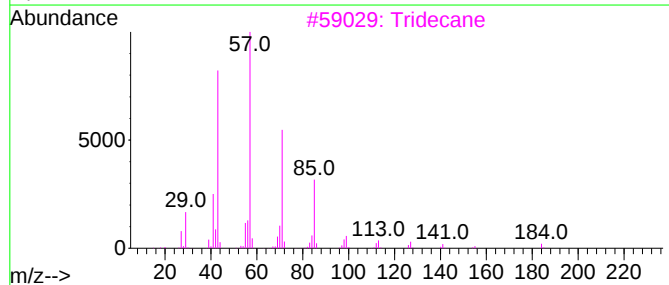
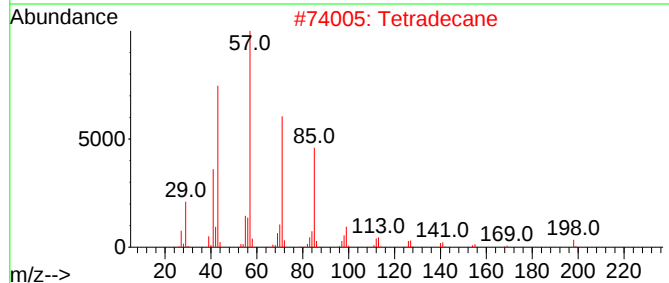
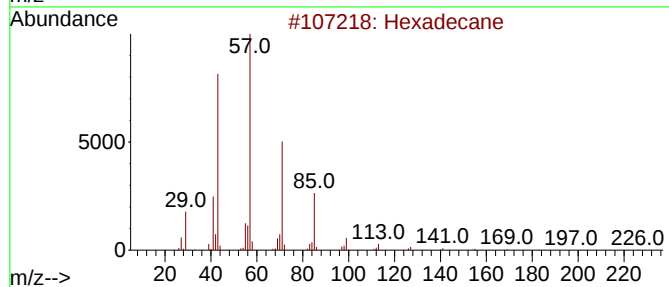
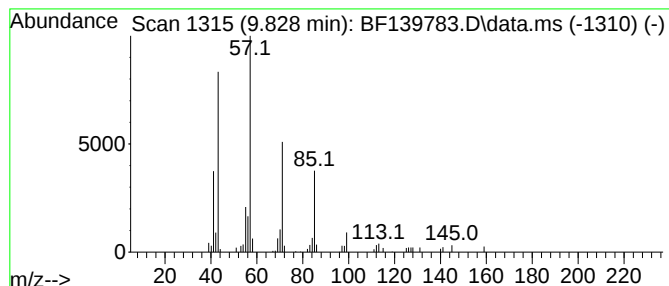
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	2.51 ng	56923	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tetradecane	198	C14H30	000629-59-4	90
3			Tridecane	184	C13H28	000629-50-5	83
4			Nonadecane	268	C19H40	000629-92-5	72
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	72



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ALS Vial : 22 Sample Multiplier: 1

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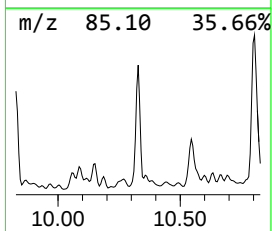
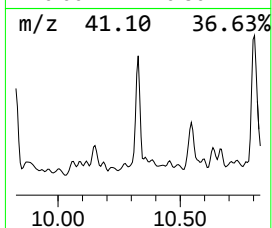
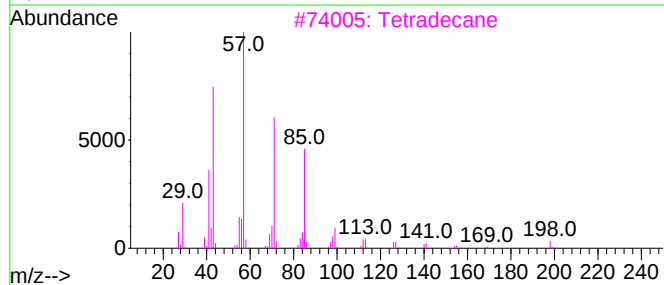
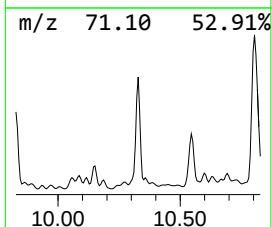
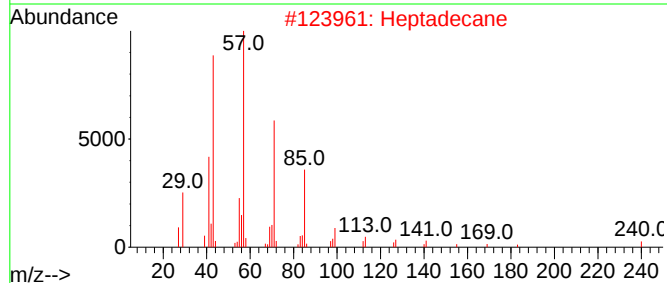
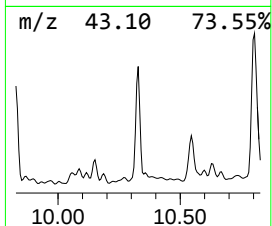
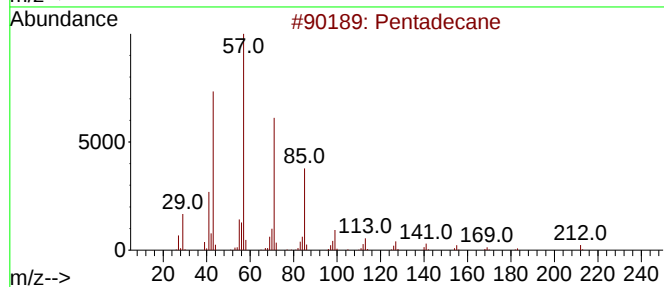
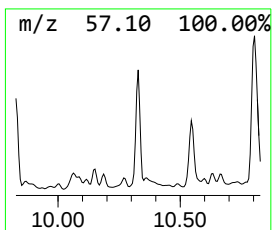
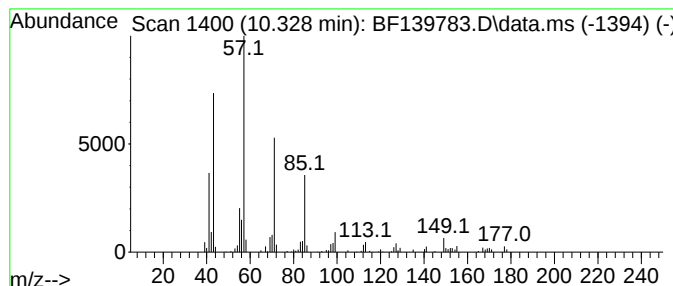
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	4.11 ng	93253	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	87
2			Heptadecane	240	C17H36	000629-78-7	87
3			Tetradecane	198	C14H30	000629-59-4	86
4			Tridecane	184	C13H28	000629-50-5	86
5			Heptacosane	380	C27H56	000593-49-7	86



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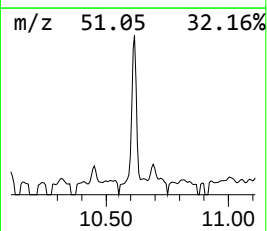
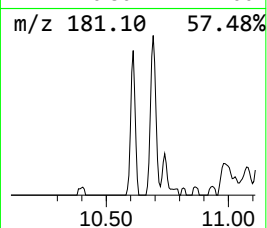
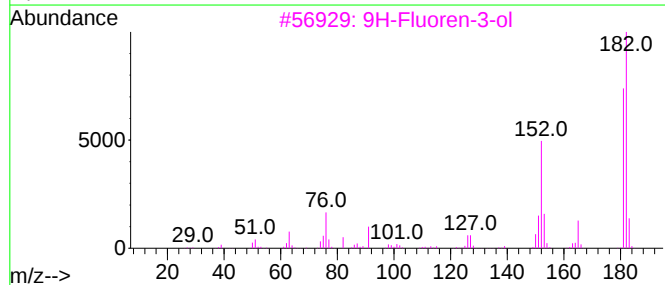
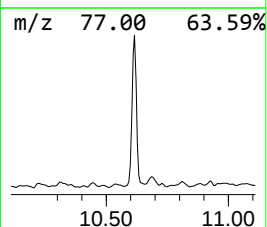
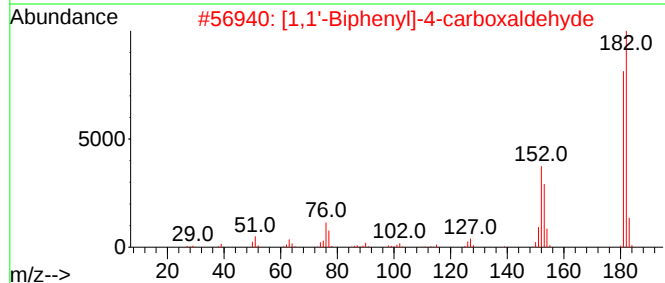
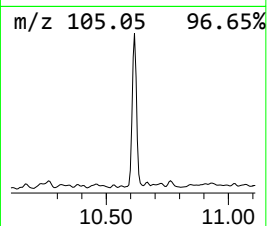
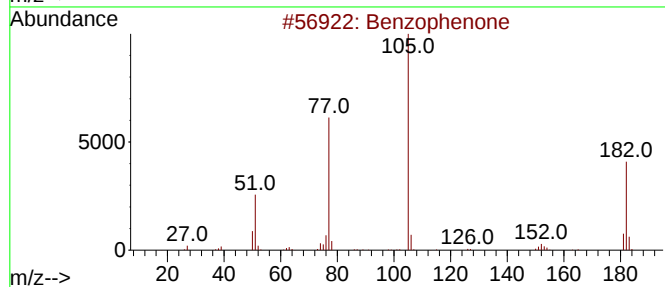
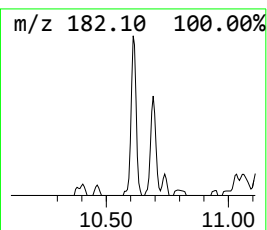
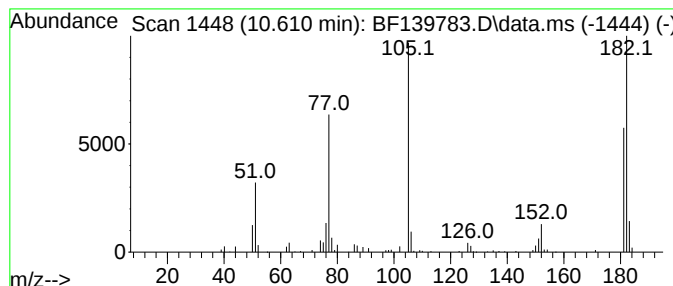
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	2.32 ng	52571	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	87
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49
3			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	49
4			2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
5			Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46



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ClientSampleId :
HD-01-100924

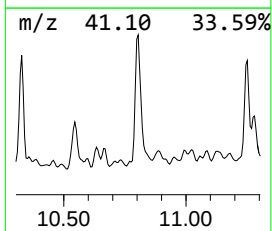
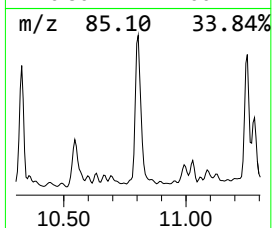
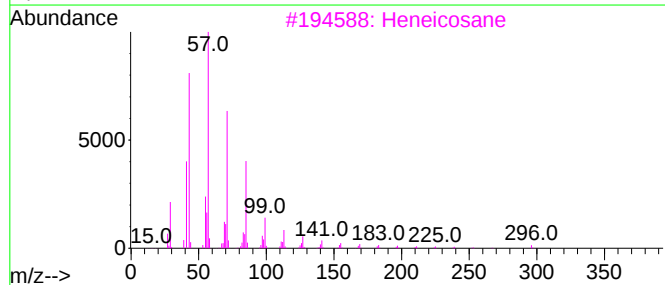
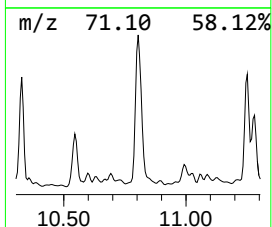
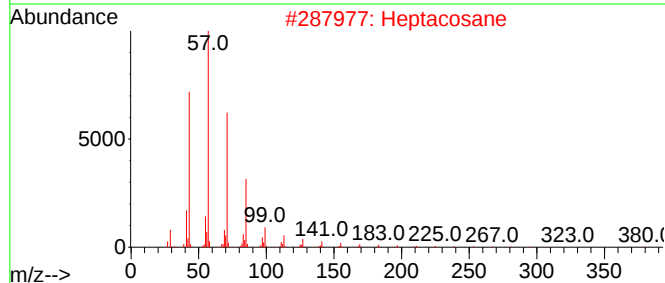
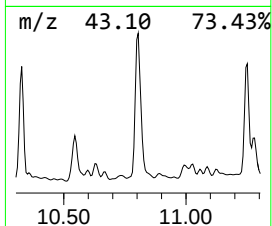
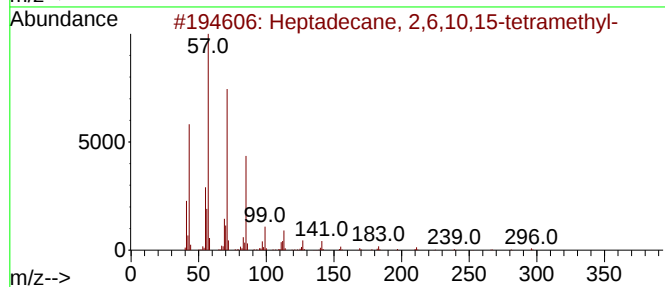
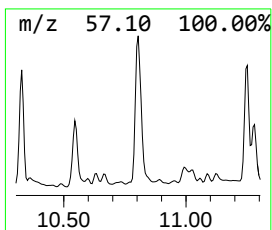
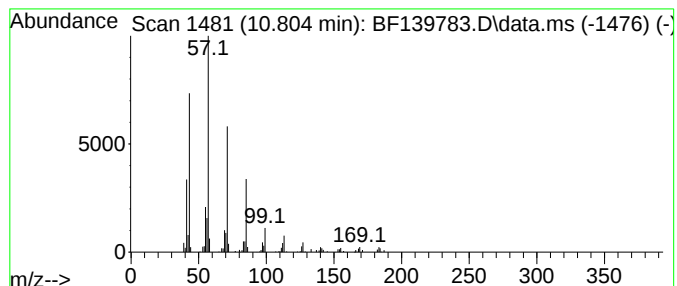
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	5.08 ng	141278	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	87
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100924

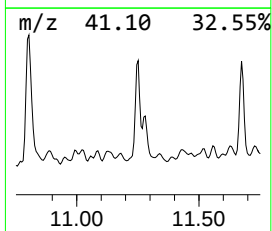
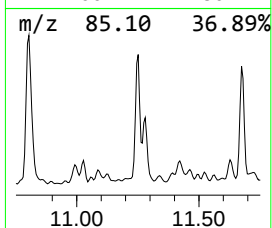
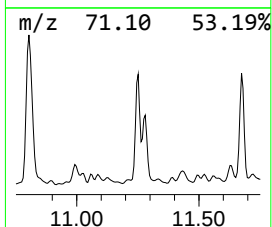
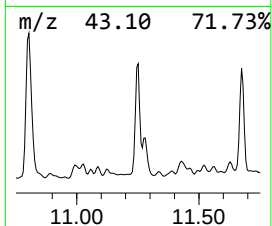
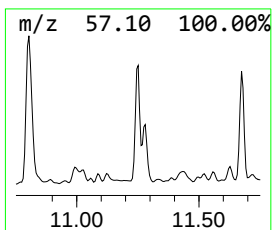
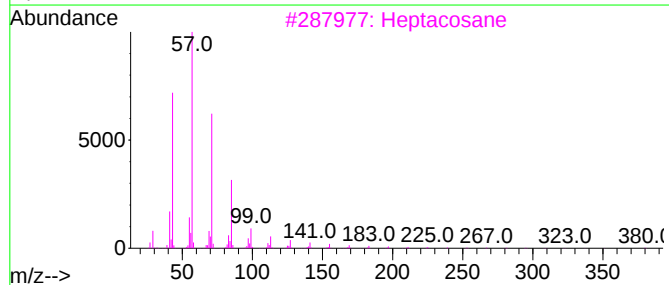
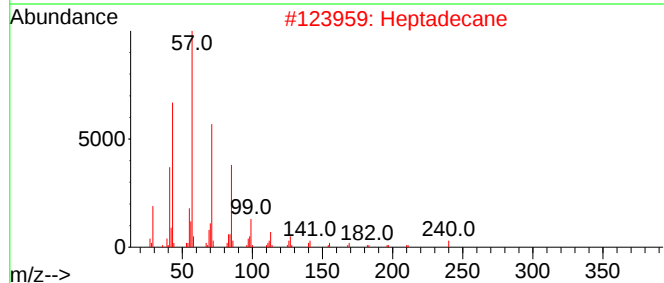
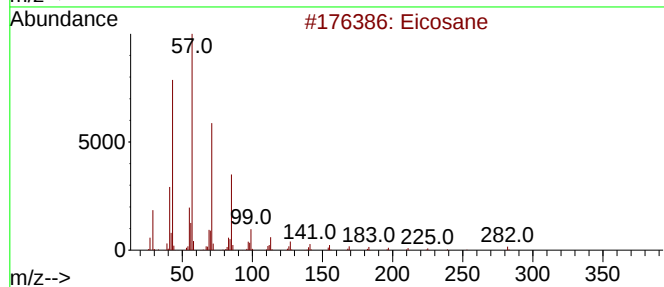
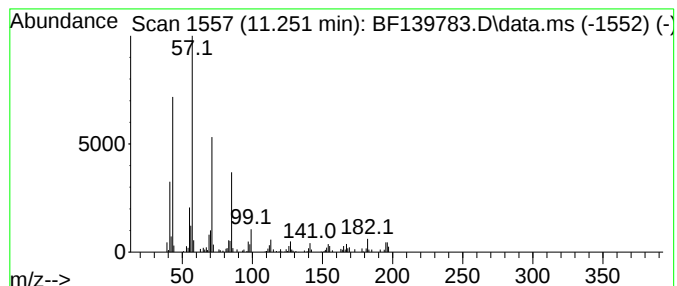
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	3.75 ng	104161	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	68
2			Heptadecane	240	C17H36	000629-78-7	68
3			Heptacosane	380	C27H56	000593-49-7	68
4			Pentadecane	212	C15H32	000629-62-9	68
5			Hexadecane	226	C16H34	000544-76-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-100924

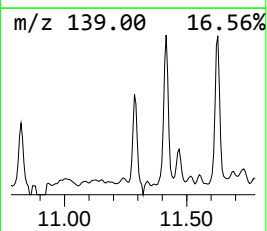
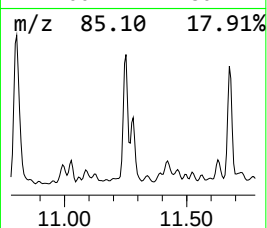
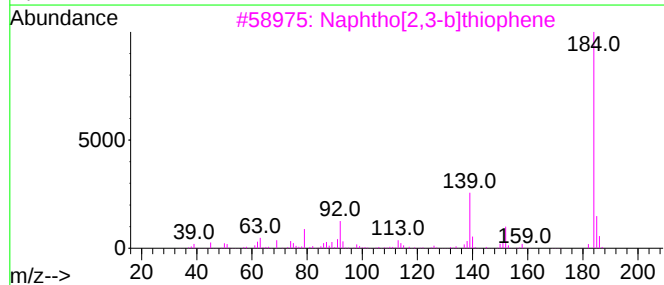
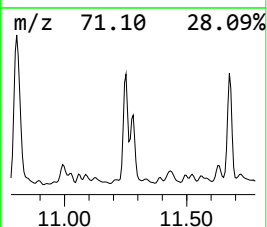
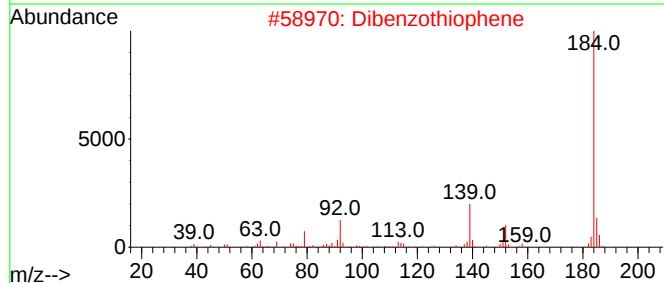
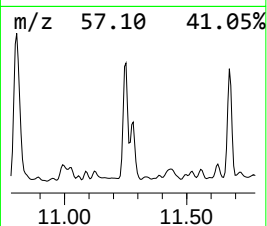
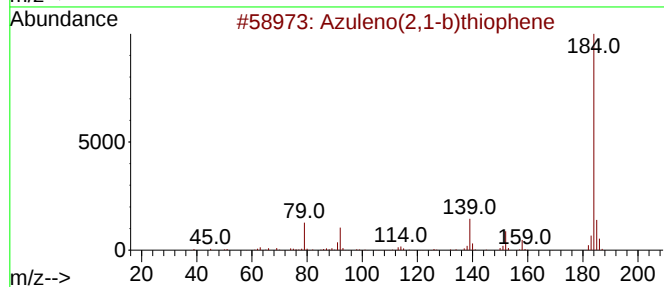
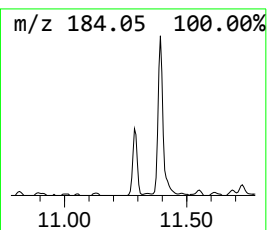
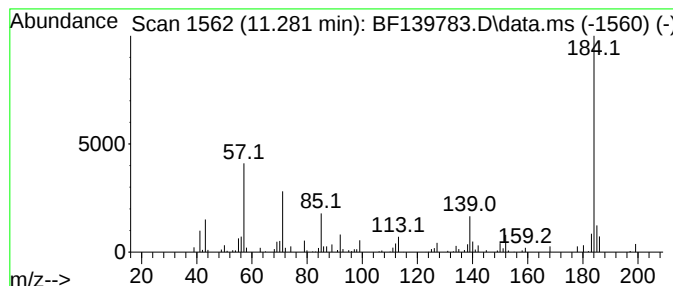
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Azuleno(2,1-b)thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	2.38 ng	66237	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
2			Dibenzothiophene	184	C12H8S	000132-65-0	76
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58
4			d-Proline, N-neopentyloxycarbonyl...	355	C20H37NO4	1000328-21-0	53
5			Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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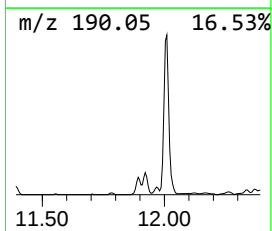
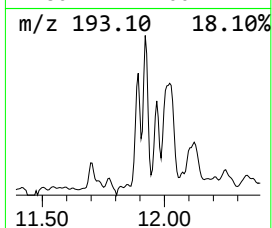
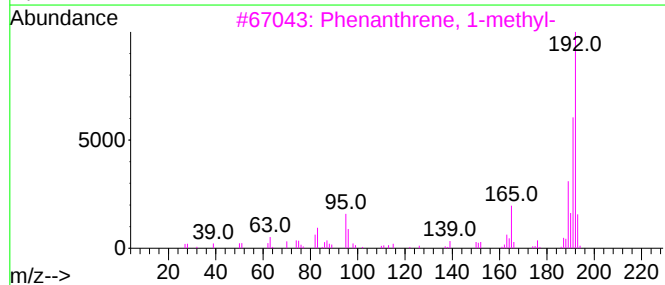
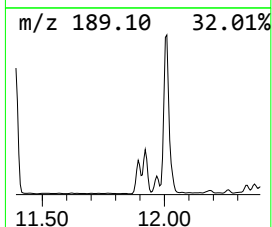
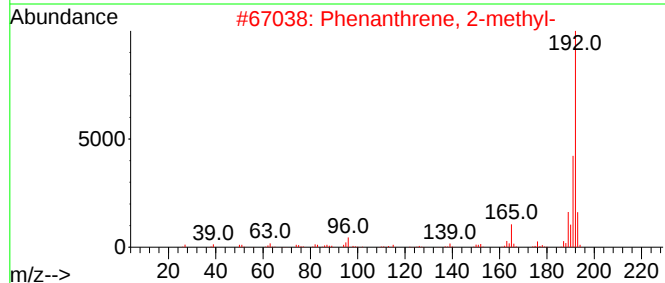
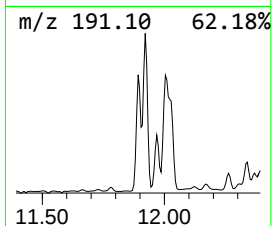
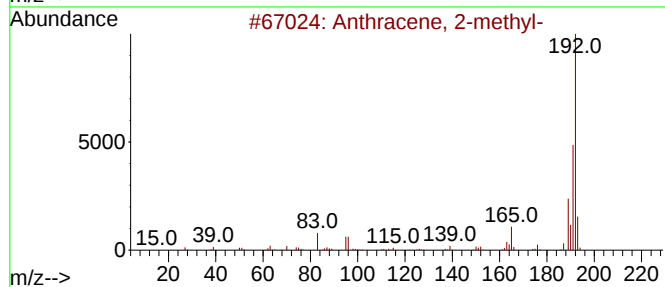
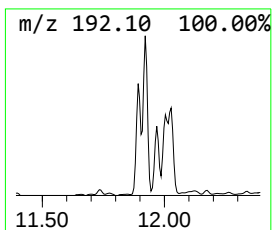
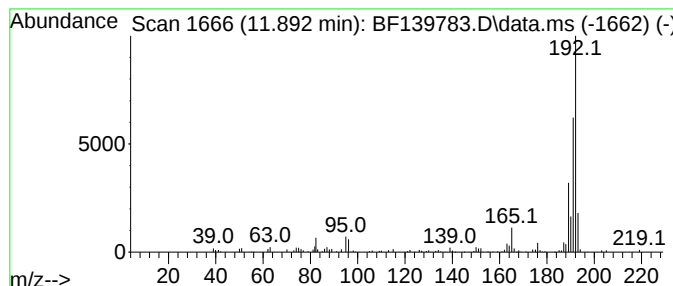
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	3.46 ng	96231	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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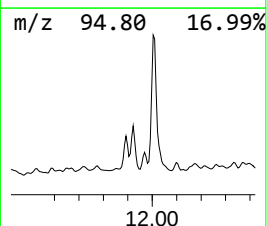
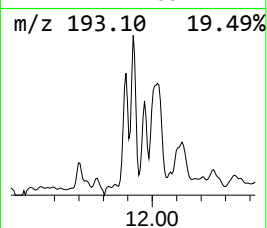
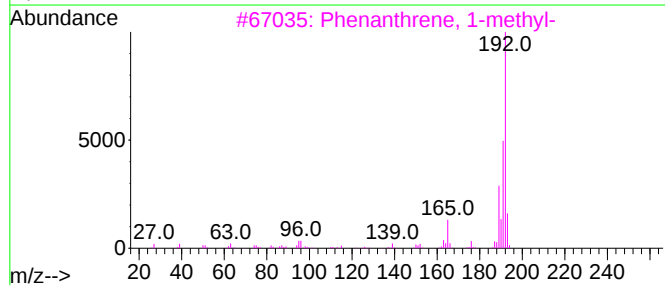
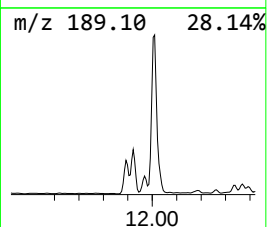
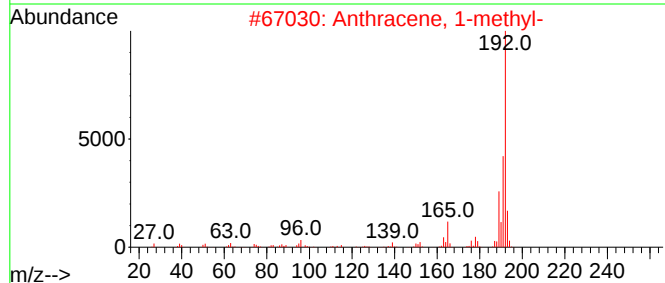
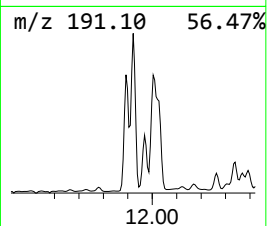
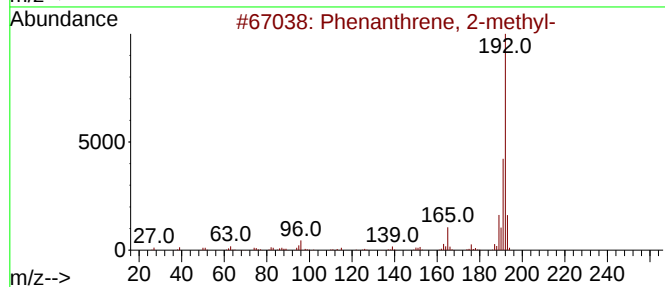
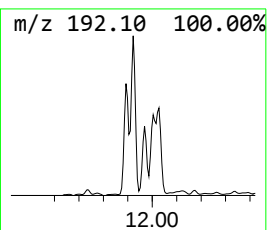
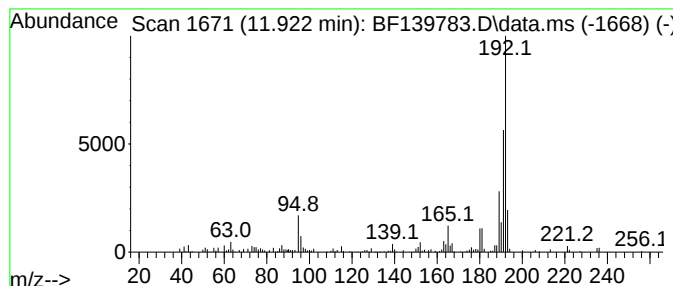
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	6.32 ng	175701	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
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Misc :
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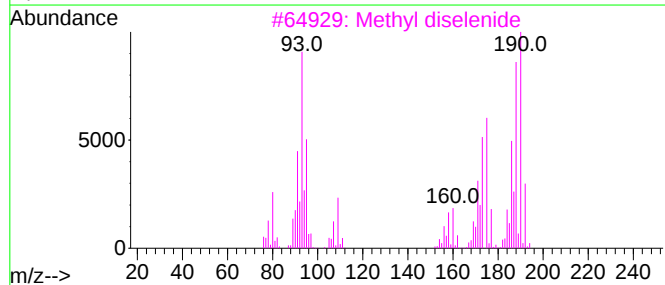
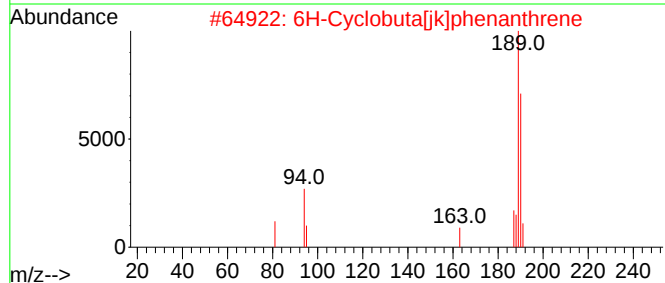
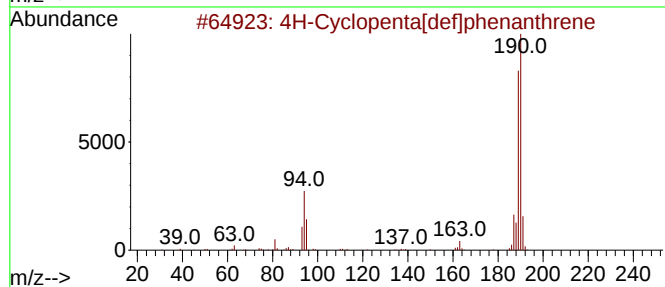
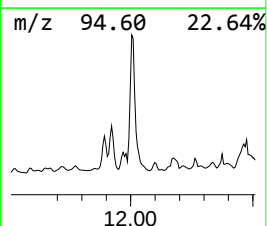
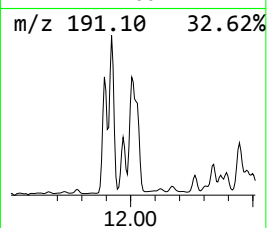
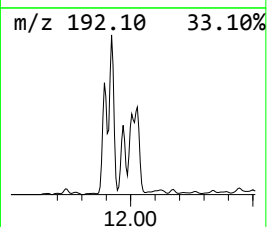
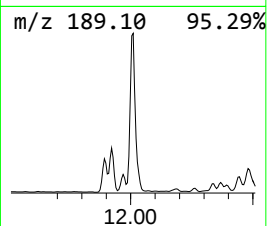
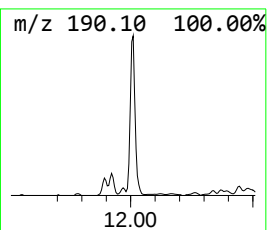
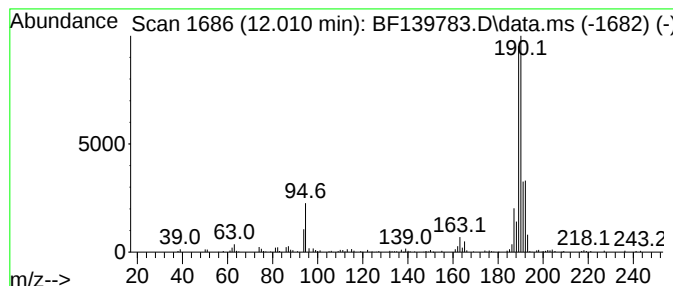
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.010	9.23 ng	256368	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	Methyl diselenide		190	C2H6Se2	007101-31-7	53
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
5	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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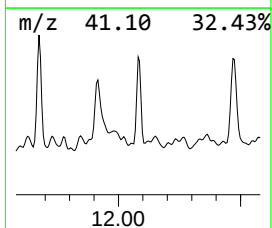
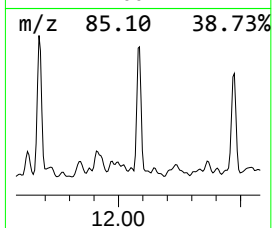
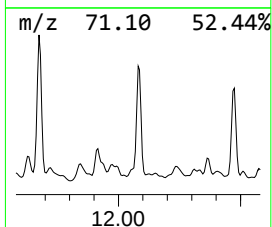
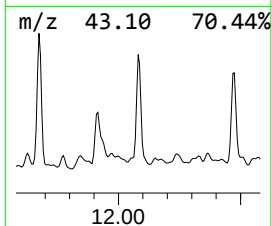
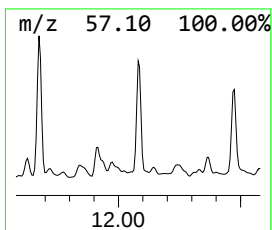
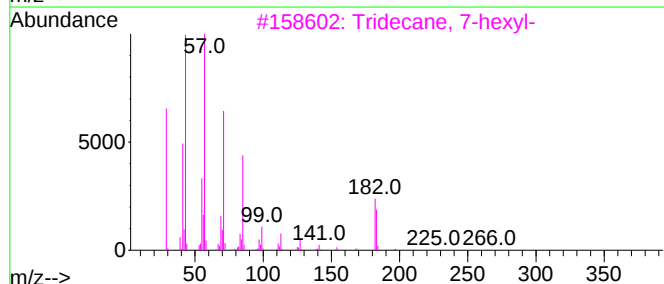
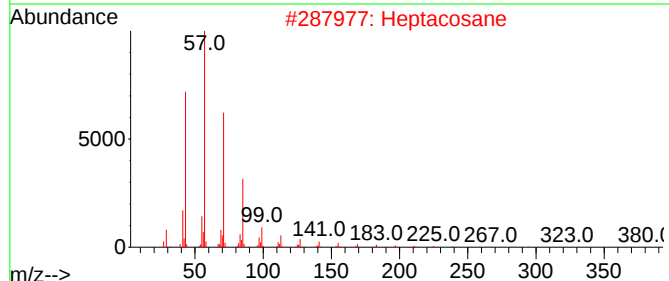
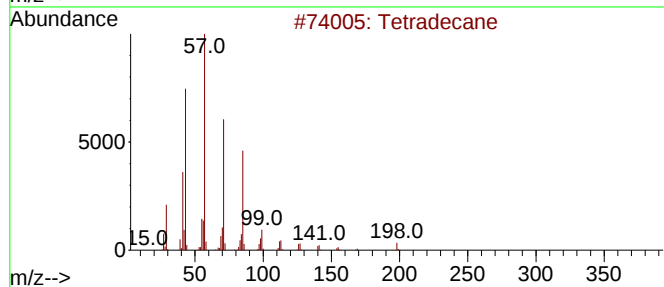
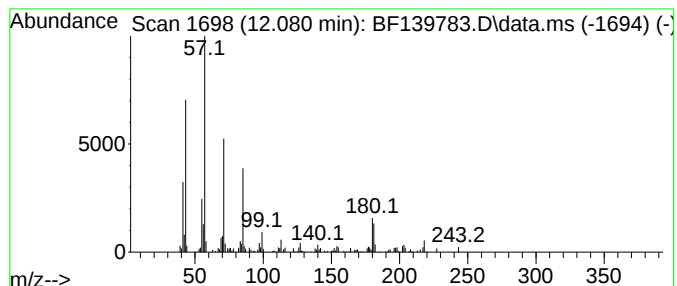
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	2.98 ng	82924	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	76
2		Heptacosane	380	C27H56	000593-49-7	68
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-100924

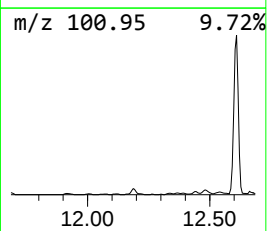
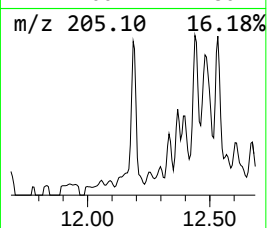
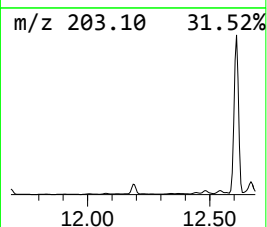
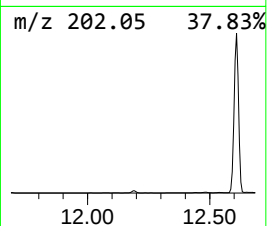
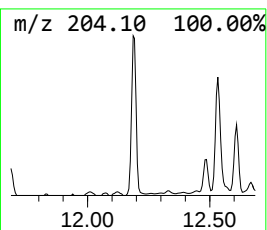
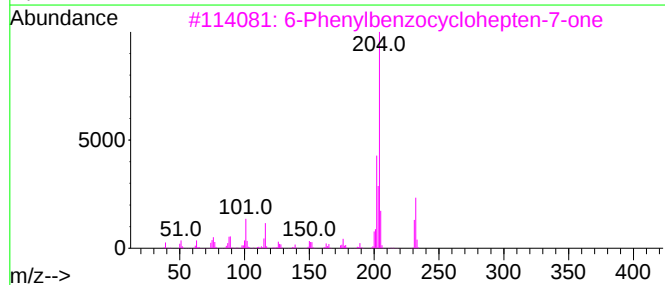
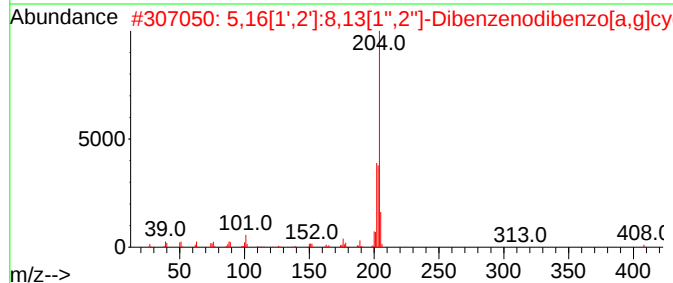
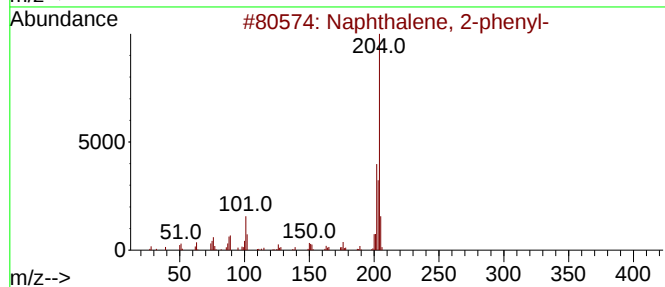
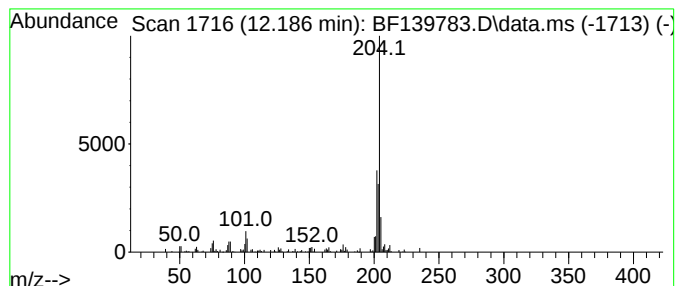
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	2.32 ng	64407	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100924

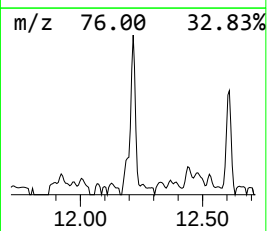
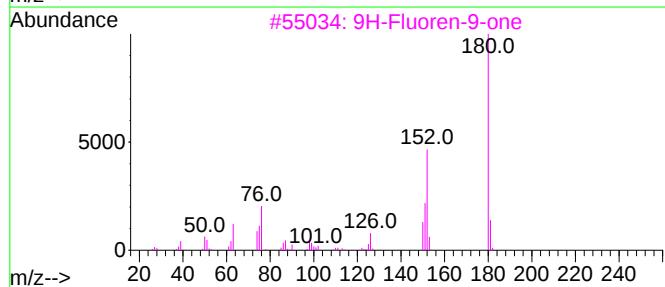
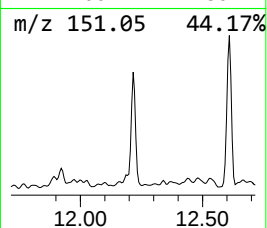
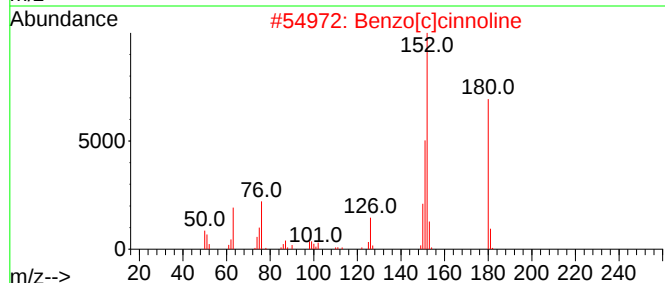
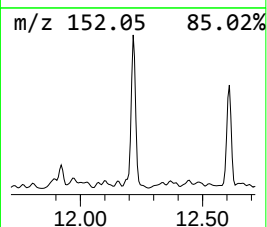
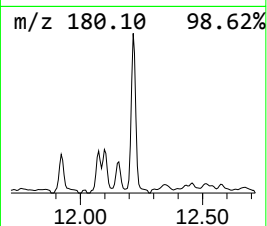
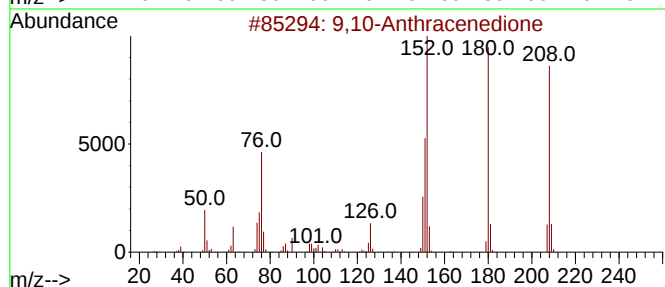
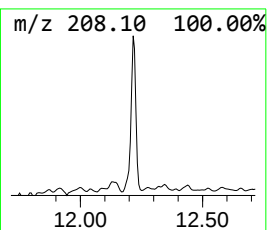
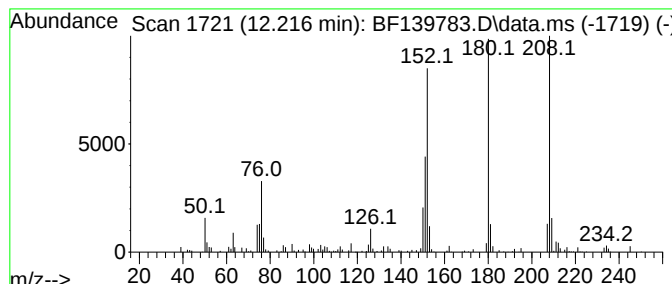
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.216	2.41 ng	67109	Phenanthrene-d10		11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95	
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86	
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70	
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60	
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	50	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
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Instrument :
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ClientSampleId :
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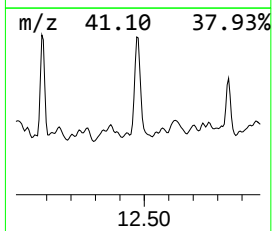
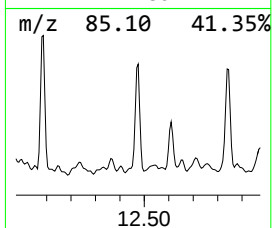
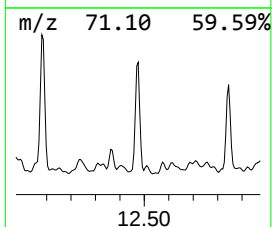
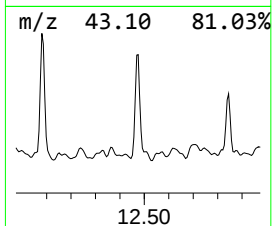
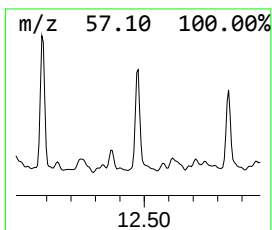
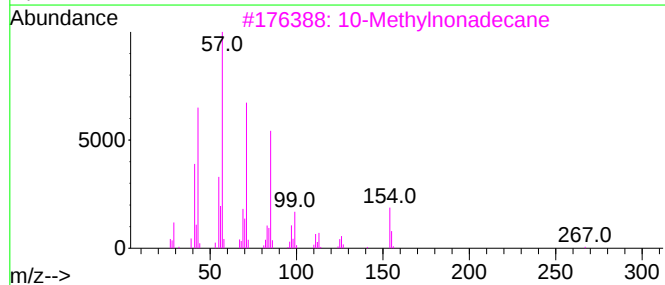
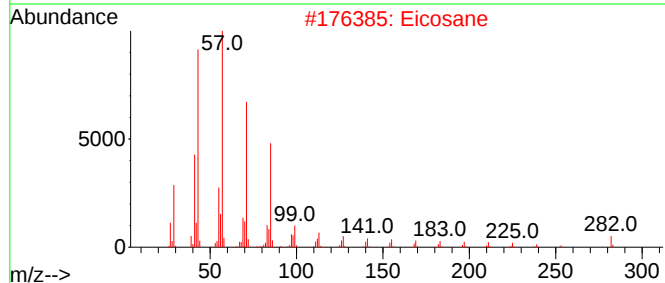
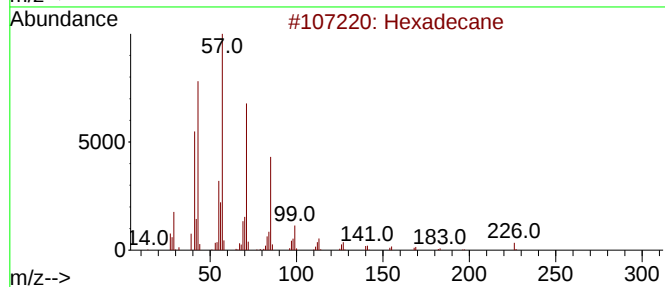
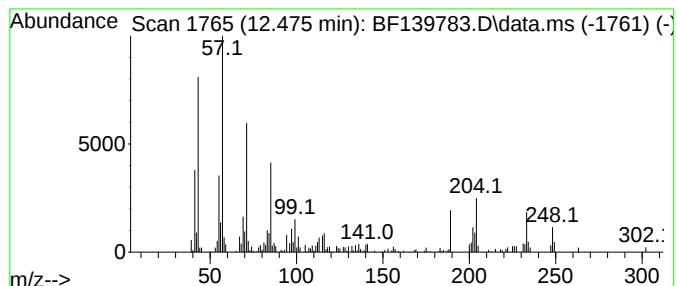
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.475 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	5.41 ng	150404	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Eicosane	282	C20H42	000112-95-8	41
3			10-Methylnonadecane	282	C20H42	056862-62-5	41
4			Heptacosane	380	C27H56	000593-49-7	41
5			Hexacosane	366	C26H54	000630-01-3	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
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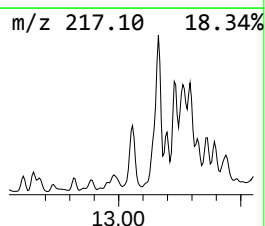
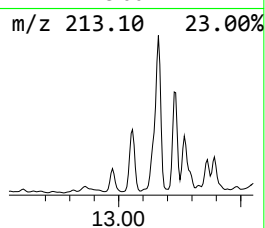
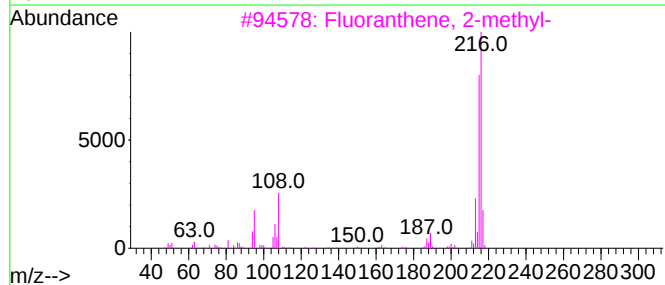
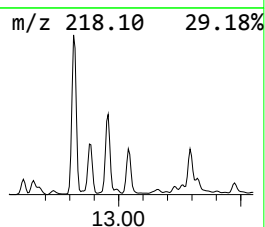
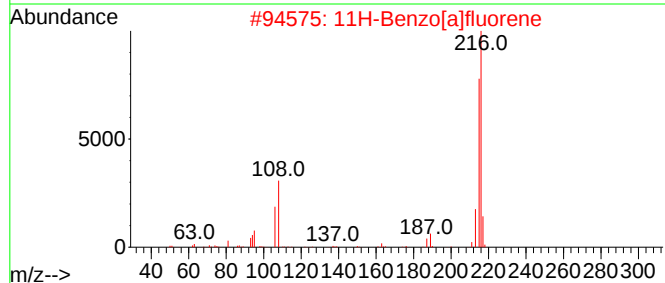
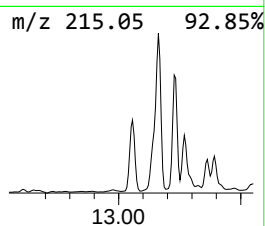
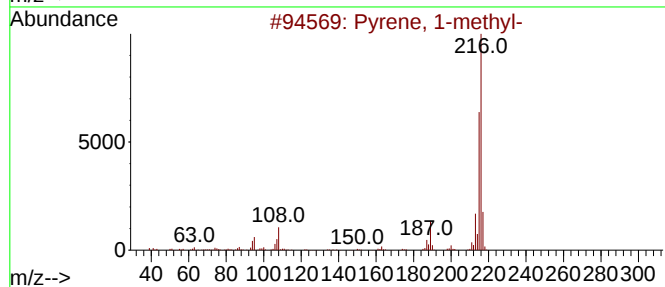
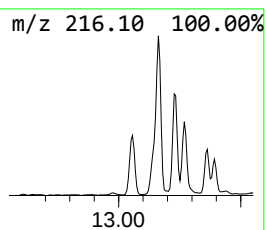
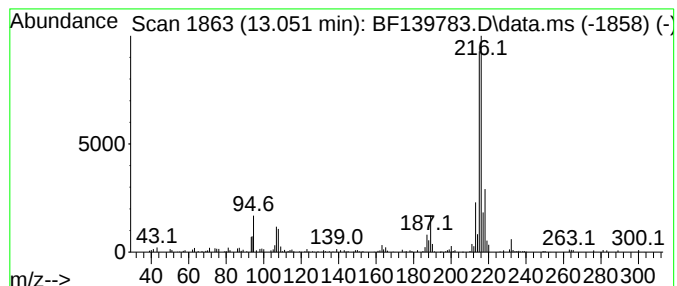
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.051	2.83 ng	151900	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12	002381-21-7	96
2	11H-Benzo[a]fluorene		216	C17H12	000238-84-6	74
3	Fluoranthene, 2-methyl-		216	C17H12	033543-31-6	70
4	11H-Benzo[b]fluorene		216	C17H12	000243-17-4	68
5	Pyrene, 2-methyl-		216	C17H12	003442-78-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100924

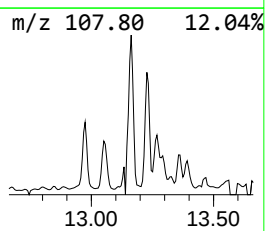
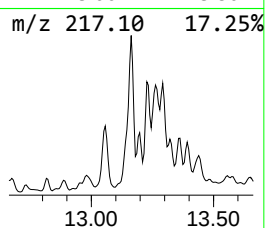
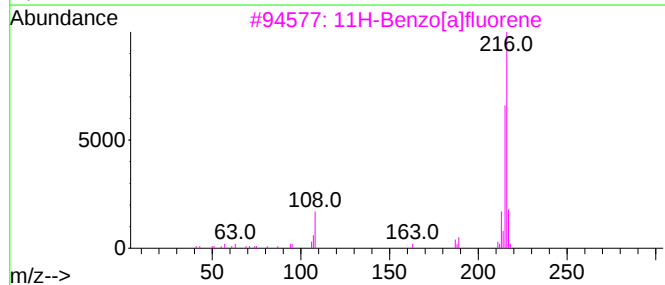
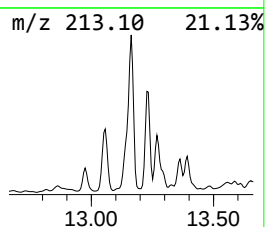
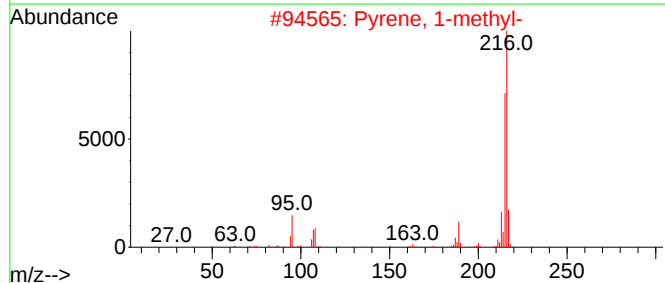
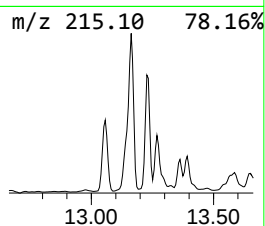
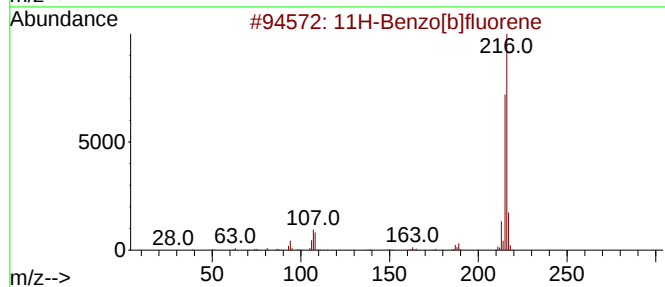
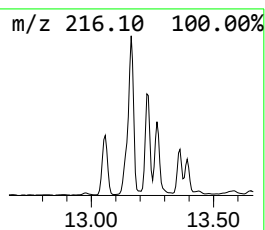
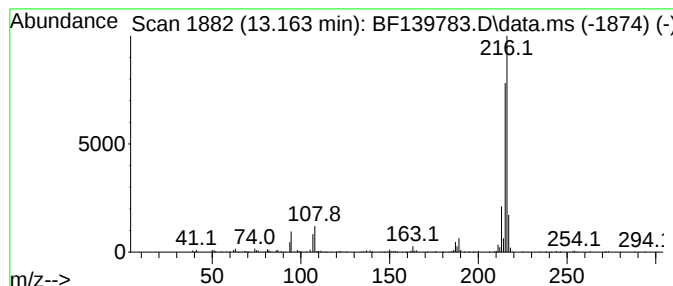
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	5.45 ng	292291	Chrysene-d12	14.033

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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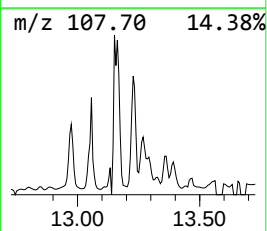
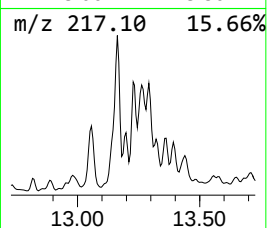
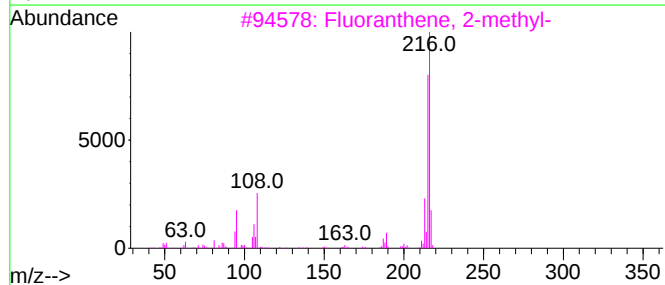
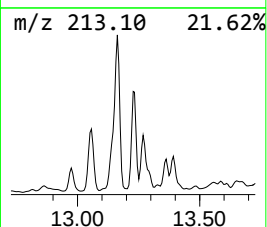
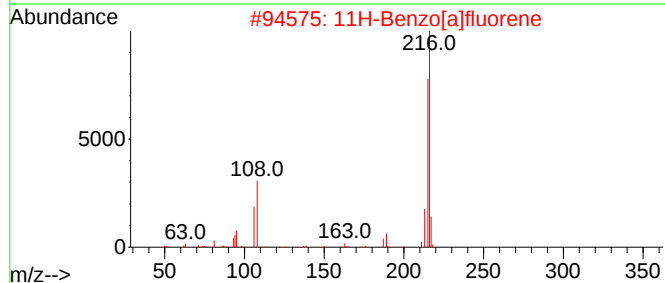
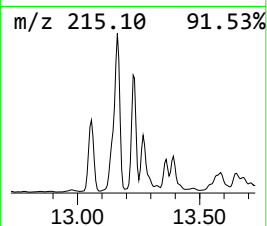
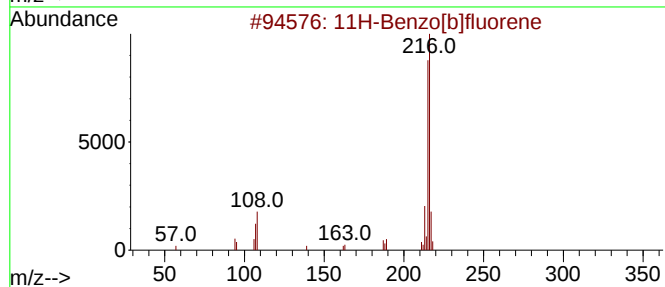
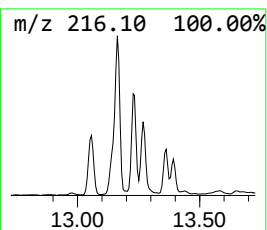
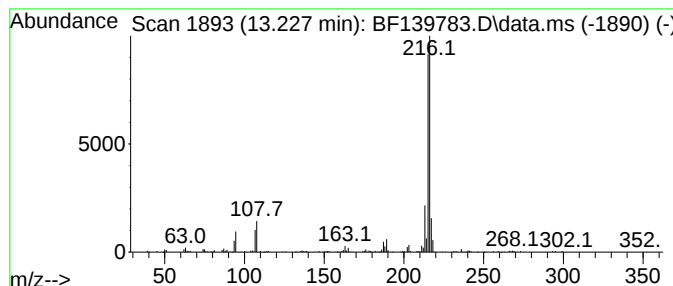
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.13 ng	114484	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
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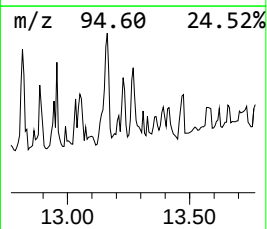
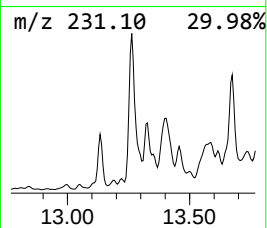
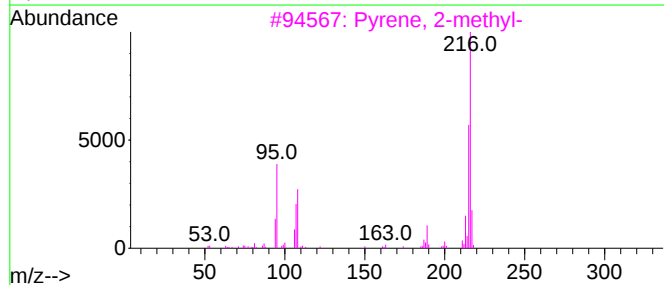
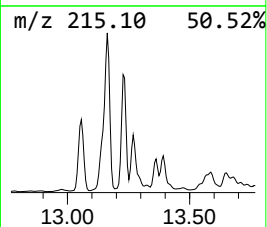
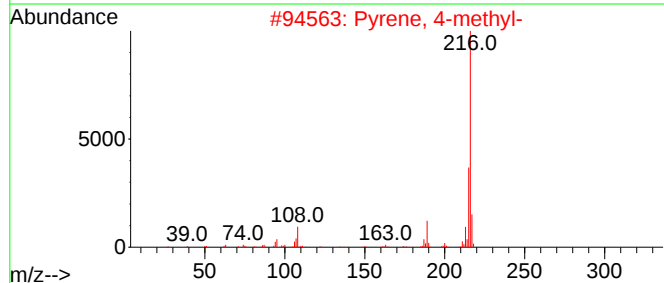
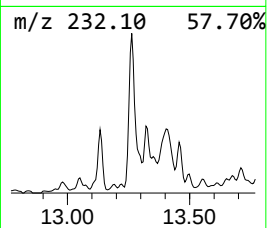
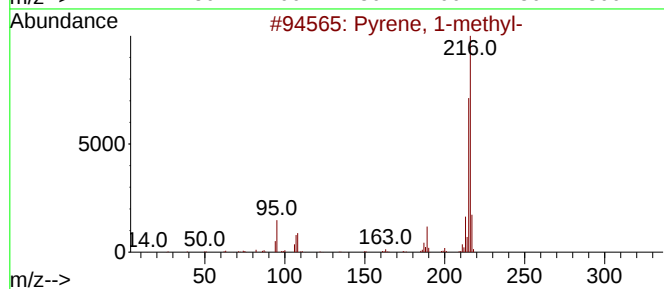
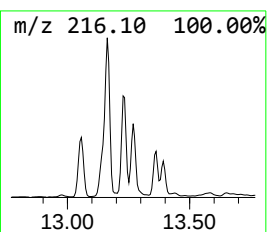
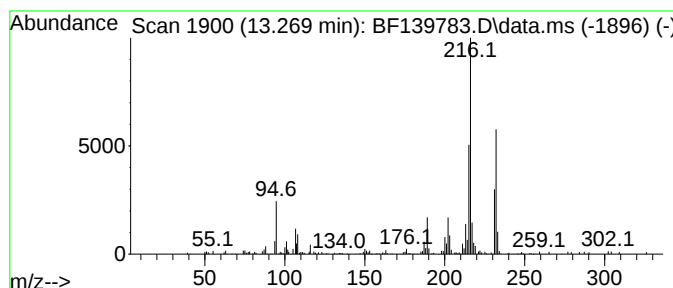
Instrument :
BNA_F
ClientSampleId :
HD-01-100924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.269	2.10 ng	112879	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

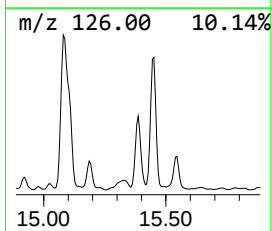
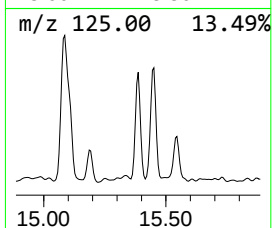
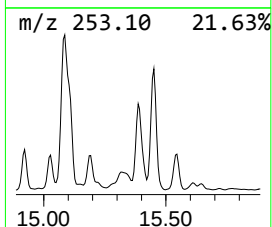
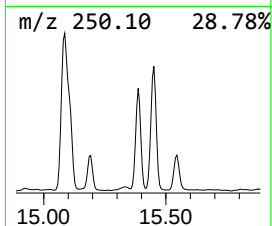
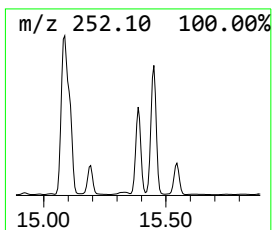
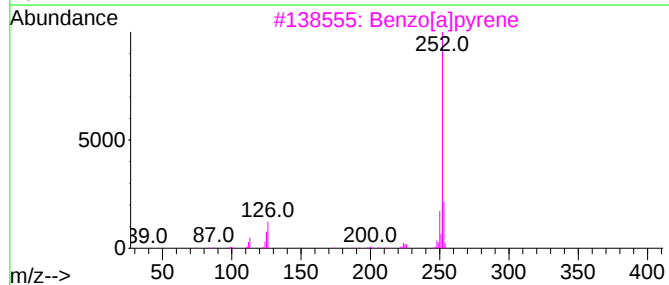
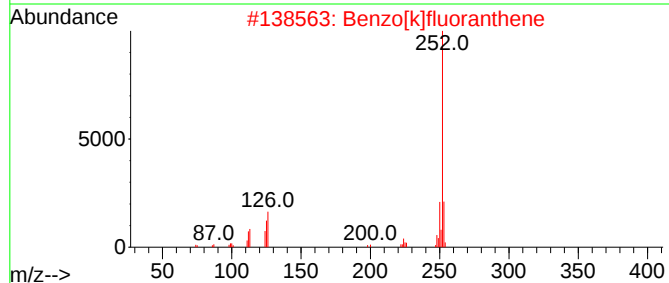
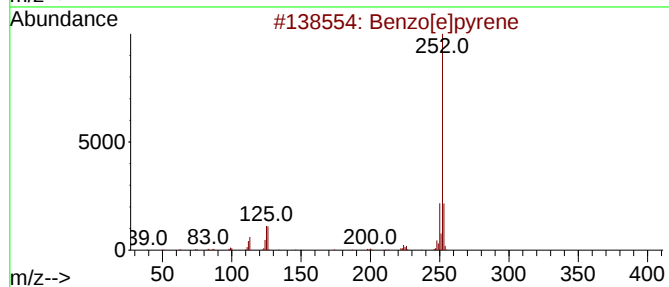
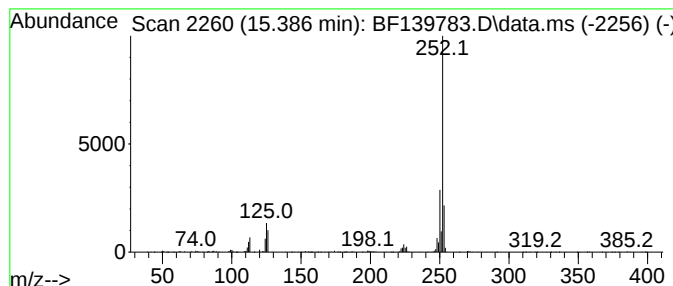
Instrument :
BNA_F
ClientSampleId :
HD-01-100924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.386	15.62 ng	235916	Perylene-d12	15.515	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139783.D
Acq On : 11 Oct 2024 19:08
Operator : RC/JU
Sample : P4377-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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
Hexadecane	9.298	2.1	ng	46943	3	9.904	453516	20.0
Tetradecane	9.828	2.5	ng	56923	3	9.904	453516	20.0
Pentadecane	10.328	4.1	ng	93253	3	9.904	453516	20.0
Benzophenone	10.610	2.3	ng	52571	3	9.904	453516	20.0
Heptadecane, 2,...	10.804	5.1	ng	141278	4	11.392	555808	20.0
Eicosane	11.251	3.8	ng	104161	4	11.392	555808	20.0
Azuleno(2,1-b)t...	11.281	2.4	ng	66237	4	11.392	555808	20.0
Anthracene, 2-m...	11.892	3.5	ng	96231	4	11.392	555808	20.0
Phenanthrene, 2...	11.922	6.3	ng	175701	4	11.392	555808	20.0
4H-Cyclopenta[d...	12.010	9.2	ng	256368	4	11.392	555808	20.0
Heptacosane	12.081	3.0	ng	82924	4	11.392	555808	20.0
Naphthalene, 2-...	12.186	2.3	ng	64407	4	11.392	555808	20.0
9,10-Anthracene...	12.216	2.4	ng	67109	4	11.392	555808	20.0
unknown12.475	12.475	5.4	ng	150404	4	11.392	555808	20.0
Pyrene, 1-methyl-	13.051	2.8	ng	151900	5	14.033	1073270	20.0
11H-Benzo[b]flu...	13.163	5.5	ng	292291	5	14.033	1073270	20.0
11H-Benzo[a]flu...	13.227	2.1	ng	114484	5	14.033	1073270	20.0
Pyrene, 4-methyl-	13.269	2.1	ng	112879	5	14.033	1073270	20.0
Benzo[e]pyrene	15.386	15.6	ng	235916	6	15.515	302011	20.0