

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129964.D
 Acq On : 23 Aug 2022 21:28
 Operator : CG\JU
 Sample : N4295-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-RECYCLED-SAND-SP-A-COMP

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-BF081422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129964.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	459	462	478	rBV	376653	500630	11.69%	1.465%
2	5.422	529	533	553	rBV	3659683	3432996	80.18%	10.046%
3	6.439	702	706	720	rBV	3485118	3515223	82.11%	10.286%
4	6.775	759	763	770	rBV	1084489	905660	21.15%	2.650%
5	7.345	855	860	863	rBV	2375010	2281884	53.30%	6.677%
6	8.057	977	981	984	rBV	1425972	1194173	27.89%	3.494%
7	9.133	1158	1164	1167	rBV	4797736	4281363	100.00%	12.528%
8	9.810	1272	1279	1282	rBV	1546286	1296019	30.27%	3.792%
9	9.845	1282	1285	1288	rVB	63289	60041	1.40%	0.176%
10	10.357	1369	1372	1377	rVB	64772	73622	1.72%	0.215%
11	10.604	1410	1414	1418	rBV	2316822	2216522	51.77%	6.486%
12	10.710	1428	1432	1440	rVB3	61147	103199	2.41%	0.302%
13	11.151	1504	1507	1509	rBV2	47078	51403	1.20%	0.150%
14	11.198	1513	1515	1518	rVB	58063	49348	1.15%	0.144%
15	11.298	1529	1532	1534	rBV	1222296	1103097	25.77%	3.228%
16	11.321	1534	1536	1540	rVB	892199	792253	18.50%	2.318%
17	11.374	1540	1545	1549	rBV	155701	174390	4.07%	0.510%
18	11.539	1568	1573	1577	rBV2	87677	126224	2.95%	0.369%
19	11.804	1615	1618	1620	rBV	147560	144565	3.38%	0.423%
20	11.833	1620	1623	1628	rVV	193022	198722	4.64%	0.582%
21	11.880	1628	1631	1634	rVV	72855	76386	1.78%	0.224%
22	11.915	1634	1637	1639	rVV2	213708	226096	5.28%	0.662%
23	11.939	1639	1641	1646	rVB	104897	96911	2.26%	0.284%
24	12.098	1665	1668	1672	rBV	92735	88743	2.07%	0.260%
25	12.139	1672	1675	1678	rVV	85661	77228	1.80%	0.226%
26	12.351	1708	1711	1713	rBV	109338	100199	2.34%	0.293%
27	12.451	1723	1728	1731	rBV2	67534	78629	1.84%	0.230%
28	12.515	1736	1739	1743	rBV	1295594	1073612	25.08%	3.142%
29	12.668	1762	1765	1767	rBV2	60655	55077	1.29%	0.161%
30	12.745	1772	1778	1784	rBV	1140339	1156665	27.02%	3.385%
31	12.798	1784	1787	1791	rVB	63368	62059	1.45%	0.182%
32	12.886	1794	1802	1805	rBV	3556895	3075634	71.84%	9.000%
33	12.968	1811	1816	1820	rBV3	71459	125484	2.93%	0.367%
34	13.051	1827	1830	1831	rBV2	55489	53337	1.25%	0.156%
35	13.074	1832	1834	1837	rVB	104662	88141	2.06%	0.258%
36	13.139	1843	1845	1848	rBV	59529	53048	1.24%	0.155%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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37	13.180	1848	1852	1859	rVB2	98421	117146	2.74%	0.343%
38	13.274	1865	1868	1870	rBV	67354	57909	1.35%	0.169%
39	13.304	1870	1873	1877	rVV	65751	65559	1.53%	0.192%
40	13.592	1919	1922	1925	rVB	86619	80012	1.87%	0.234%
41	13.698	1935	1940	1942	rBV2	92998	105867	2.47%	0.310%
42	13.721	1942	1944	1947	rVV	89437	77957	1.82%	0.228%
43	13.774	1950	1953	1956	rVV2	161347	256428	5.99%	0.750%
44	13.804	1956	1958	1964	rVB	136573	155037	3.62%	0.454%
45	13.945	1978	1982	1985	rBV2	893033	1134105	26.49%	3.319%
46	13.974	1985	1987	1991	rVB	416298	343670	8.03%	1.006%
47	14.109	2007	2010	2015	rBV4	38776	53877	1.26%	0.158%
48	14.339	2046	2049	2052	rVB	79139	73880	1.73%	0.216%
49	14.756	2117	2120	2124	rVB2	54823	59260	1.38%	0.173%
50	14.980	2155	2158	2161	rBV	370619	513488	11.99%	1.503%
51	15.092	2174	2177	2181	rBV	72608	79814	1.86%	0.234%
52	15.280	2205	2209	2216	rVB	238782	273175	6.38%	0.799%
53	15.345	2216	2220	2226	rVV	319993	400186	9.35%	1.171%
54	15.403	2226	2230	2233	rVV	552594	653234	15.26%	1.912%
55	15.433	2233	2235	2242	rVB2	91902	121868	2.85%	0.357%
56	16.856	2471	2477	2485	rVB	161625	313087	7.31%	0.916%
57	17.297	2547	2552	2561	rBV2	116354	249341	5.82%	0.730%

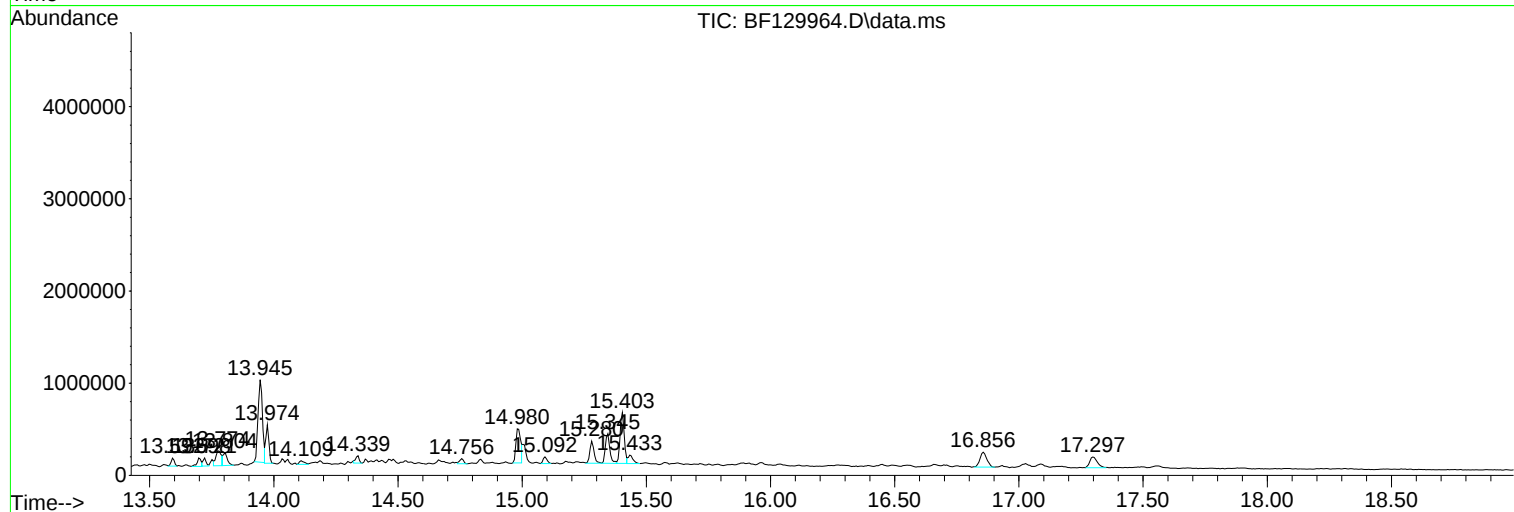
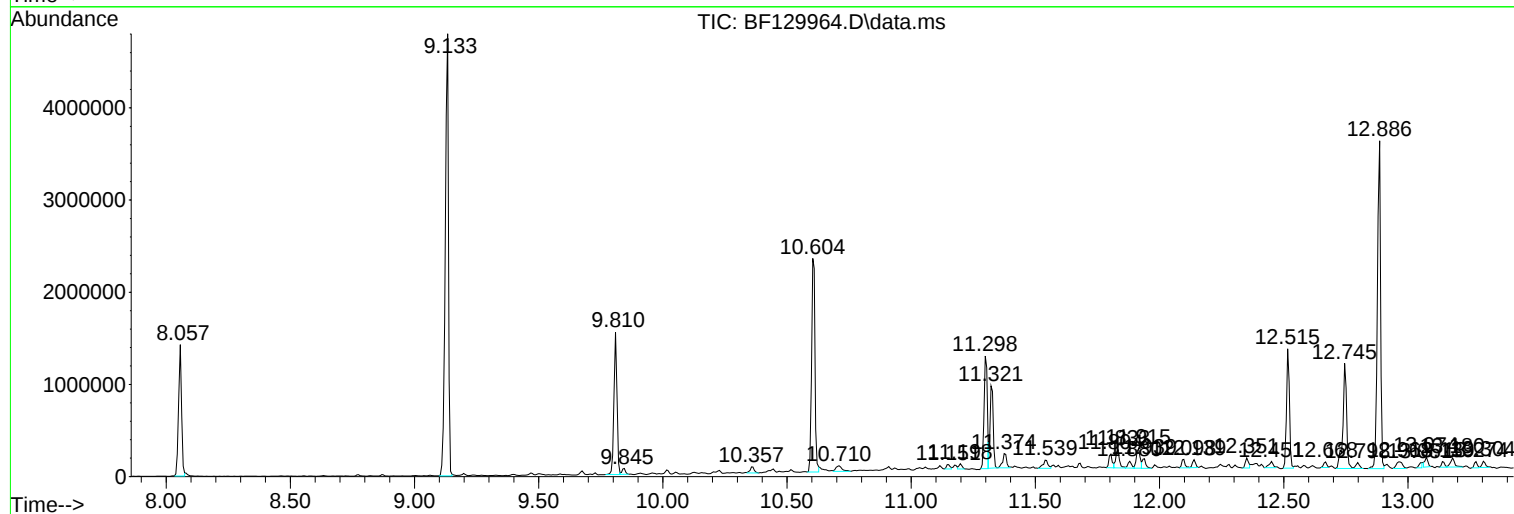
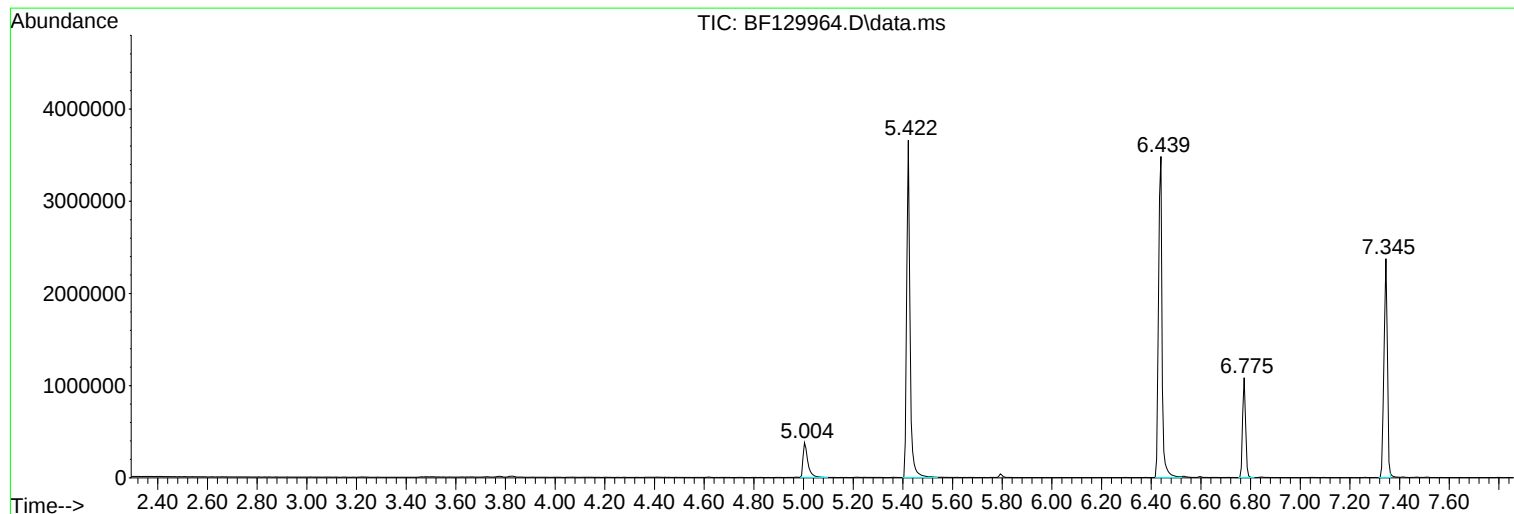
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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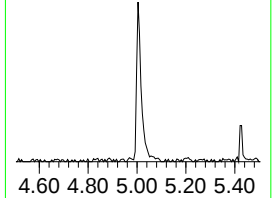
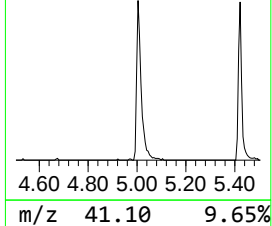
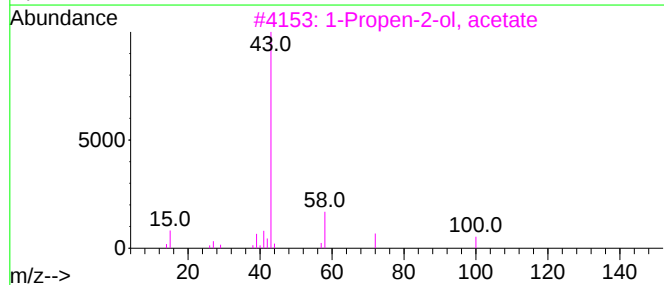
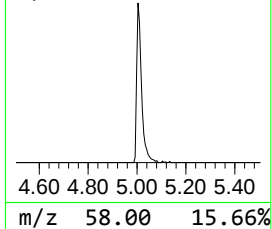
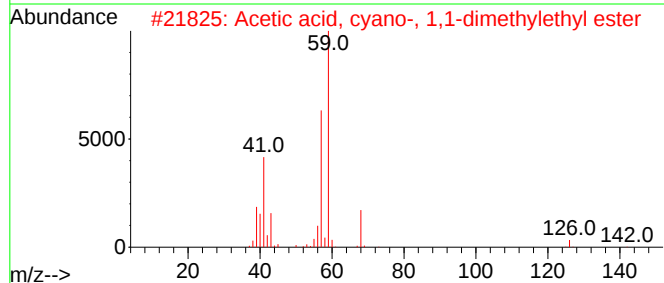
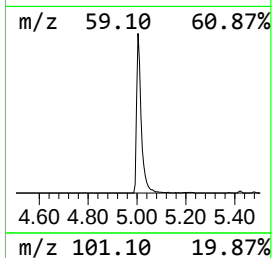
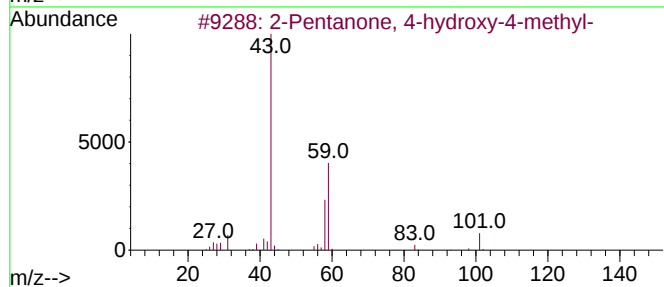
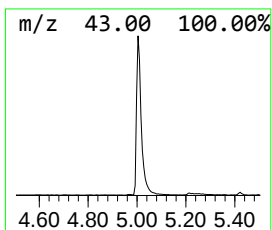
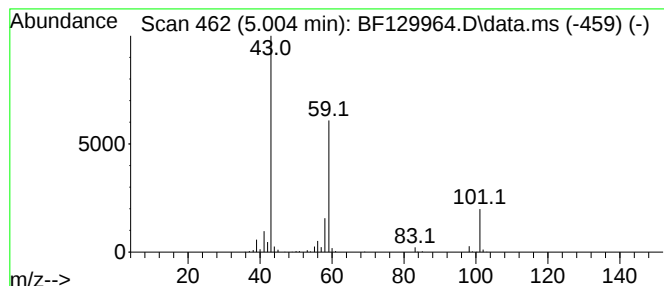
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	11.06 ng	500630	1,4-Dichlorobenzene-d4	6.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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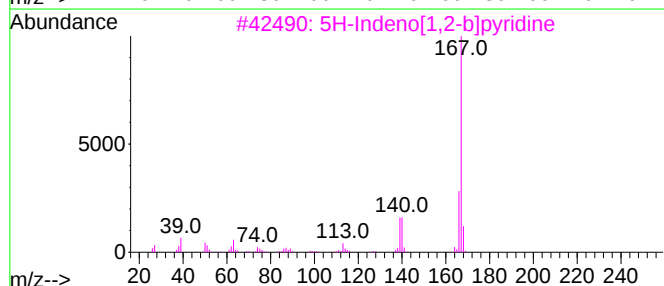
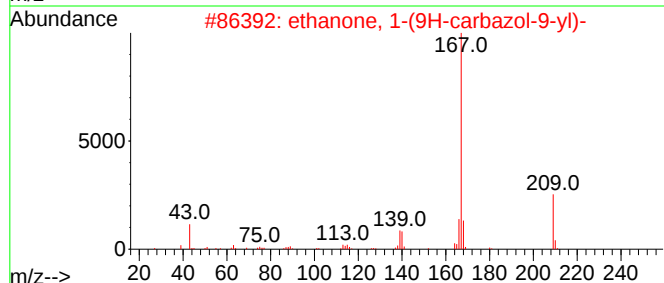
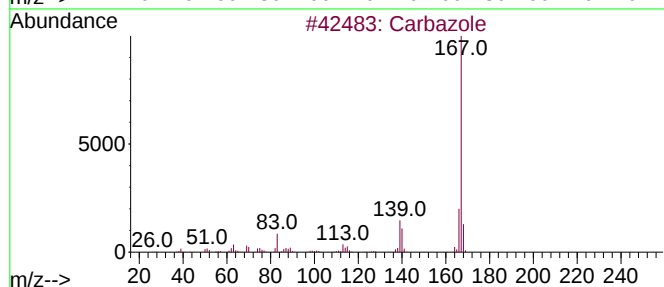
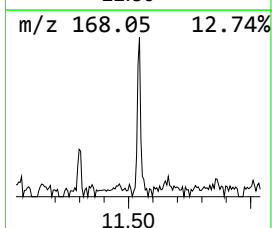
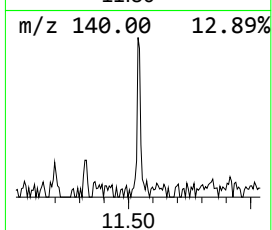
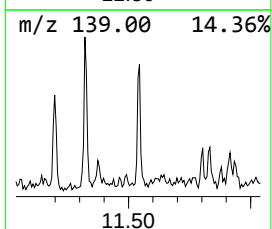
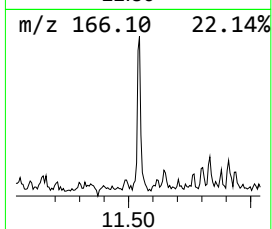
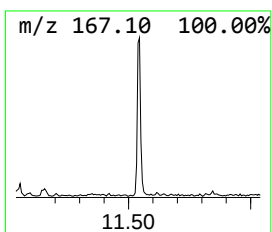
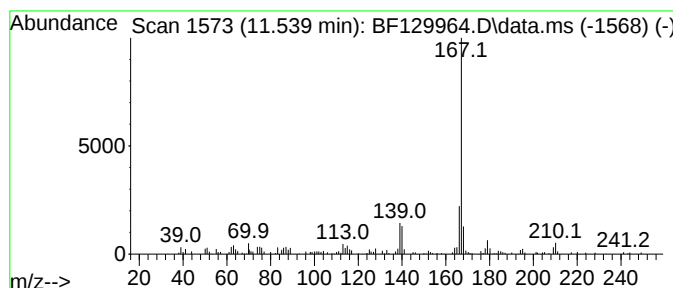
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 ethanone, 1-(9H-carbazol-9-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.539	2.29 ng	126224	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbazole	167	C12H9N	000086-74-8	95
2			ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	94
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4			1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	90
5			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	87



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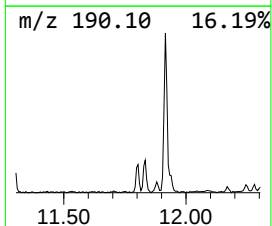
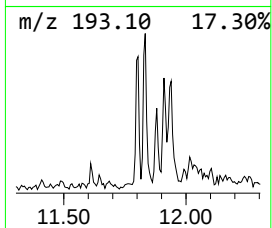
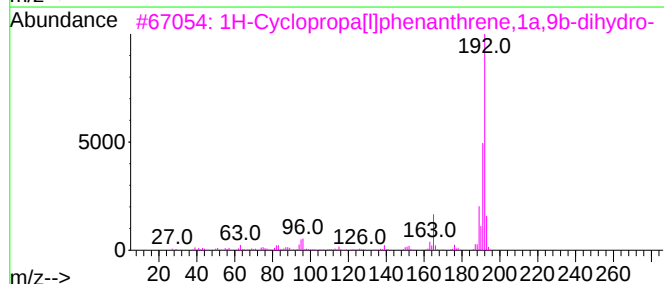
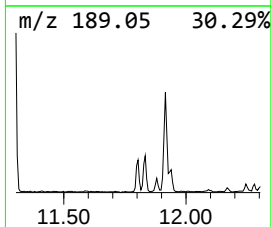
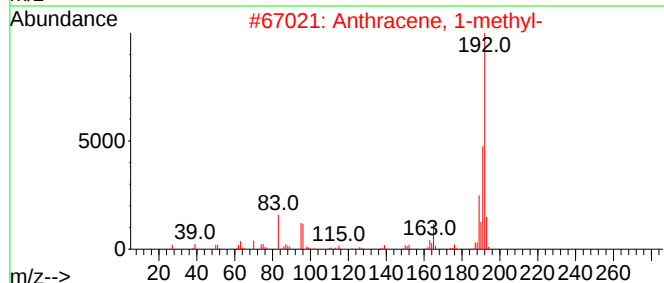
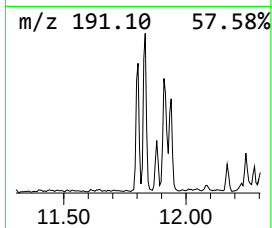
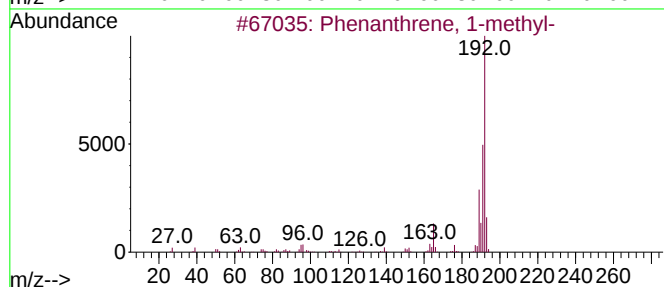
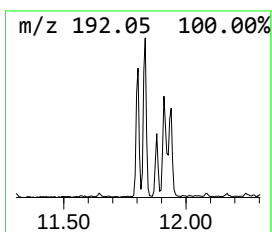
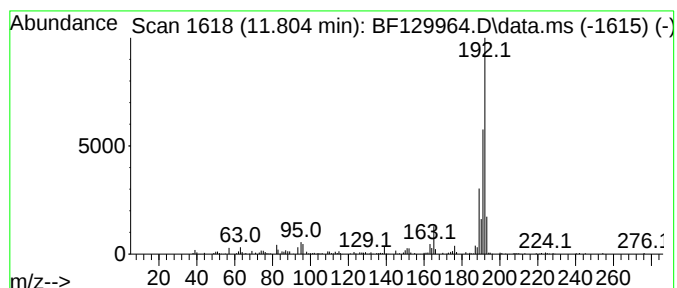
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	2.62 ng	144565	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



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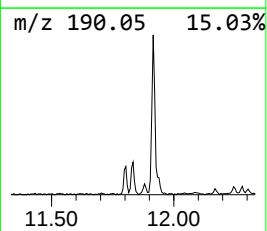
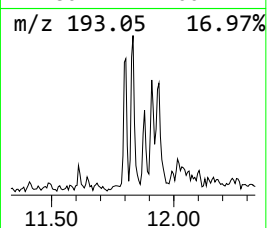
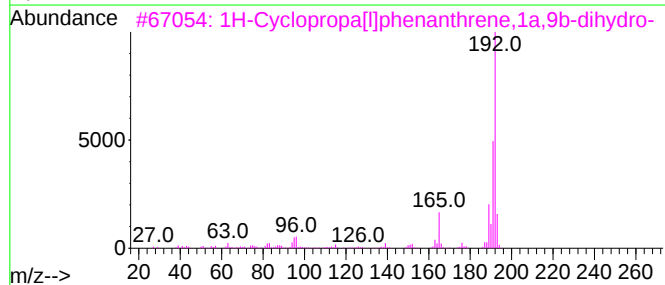
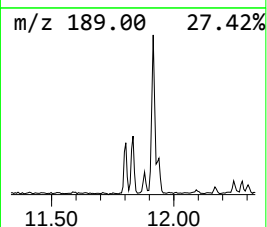
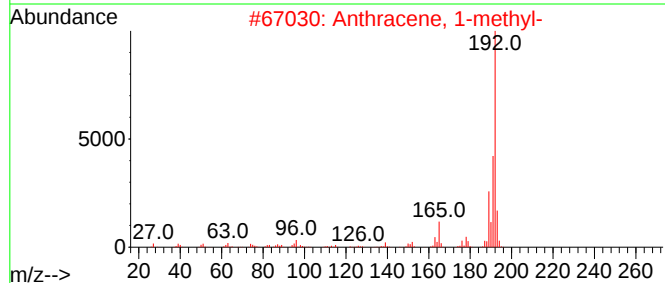
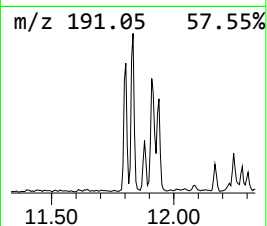
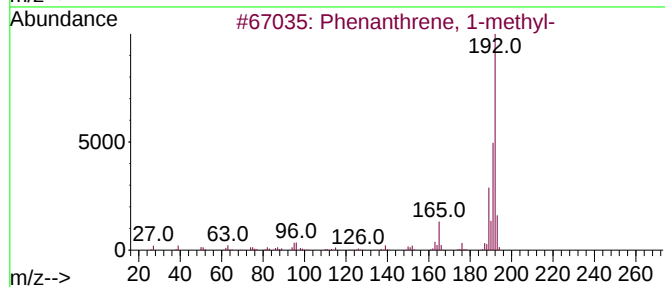
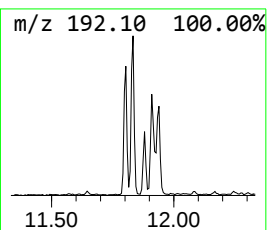
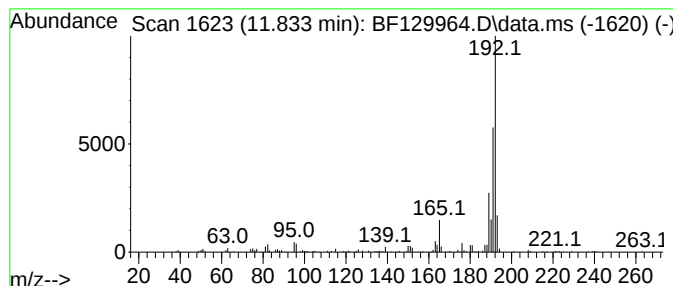
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	3.60 ng	198722	Phenanthrene-d10	11.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



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ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMP

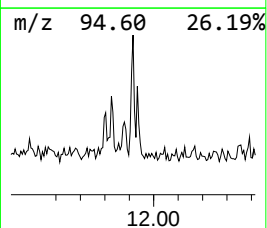
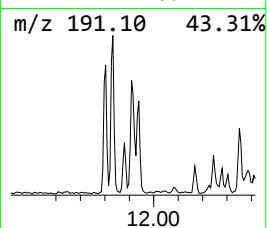
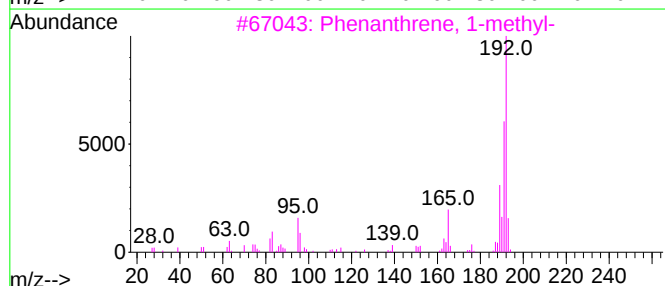
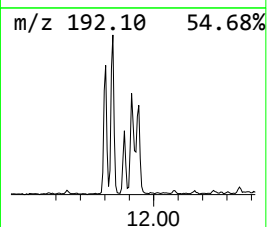
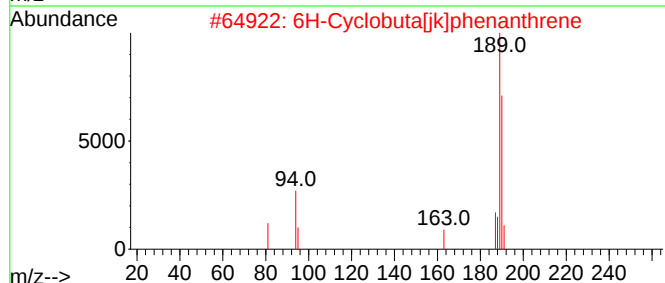
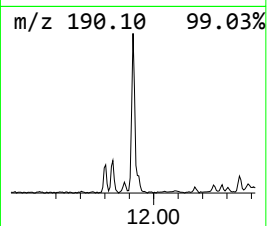
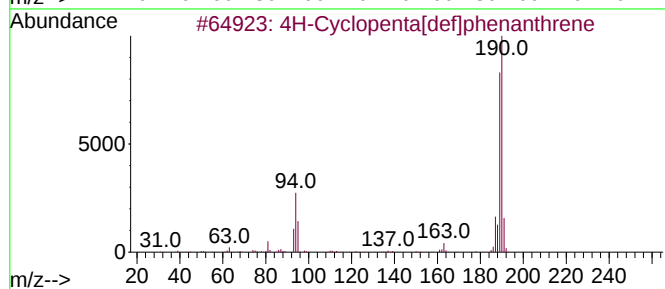
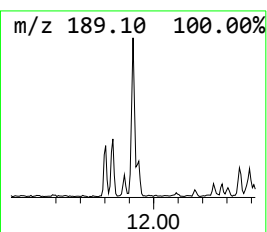
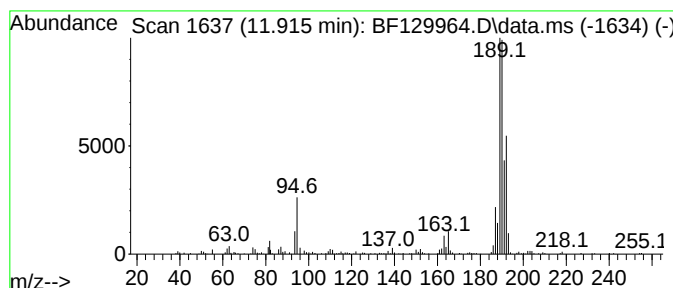
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	4.10 ng	226096	Phenanthrene-d10	11.298

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, 1-methyl-	192	C15H12	000832-69-9	35
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129964.D
Acq On : 23 Aug 2022 21:28
Operator : CG\JU
Sample : N4295-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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XRDS-RECYCLED-SAND-SP-A-COMP

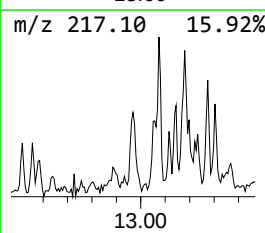
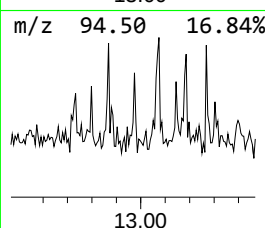
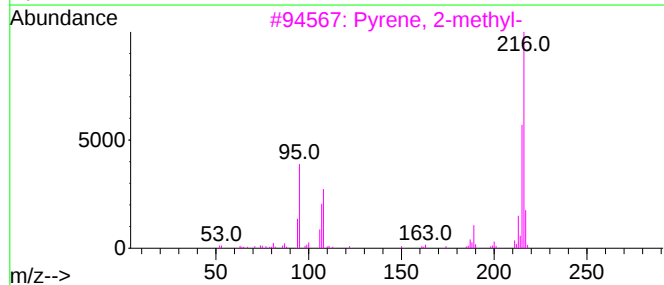
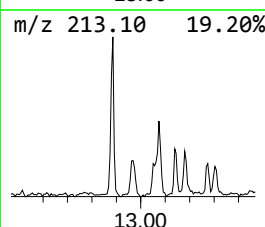
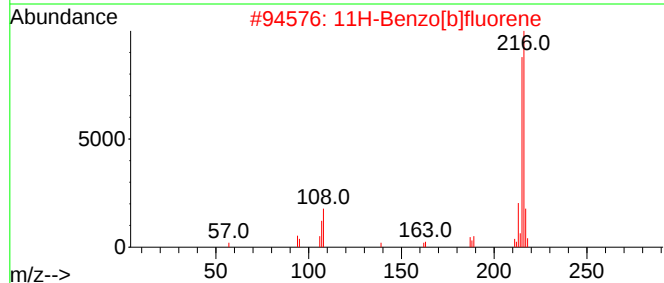
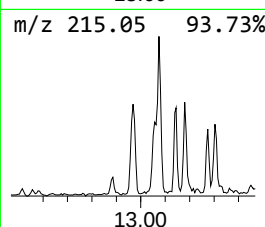
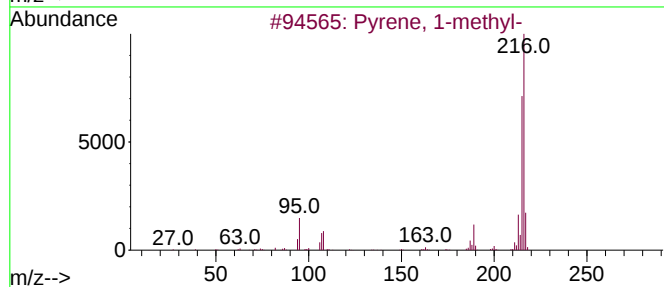
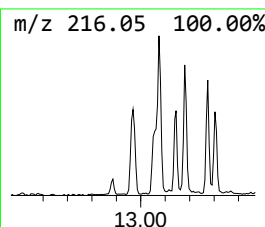
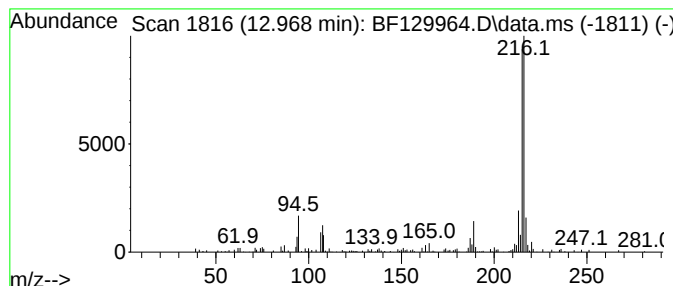
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	2.21 ng	125484	Chrysene-d12	13.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129964.D
Acq On : 23 Aug 2022 21:28
Operator : CG\JU
Sample : N4295-01
Misc :
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Instrument :
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ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMP

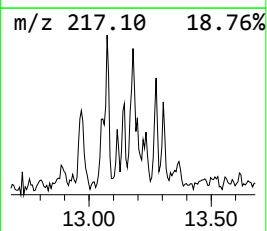
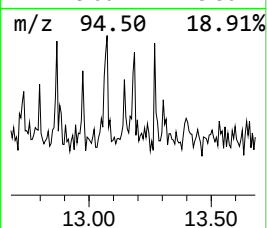
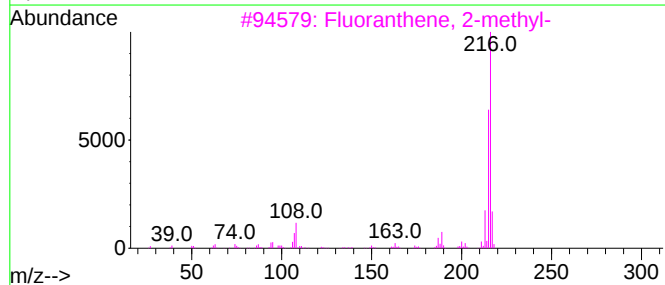
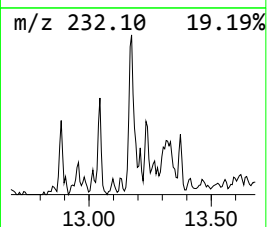
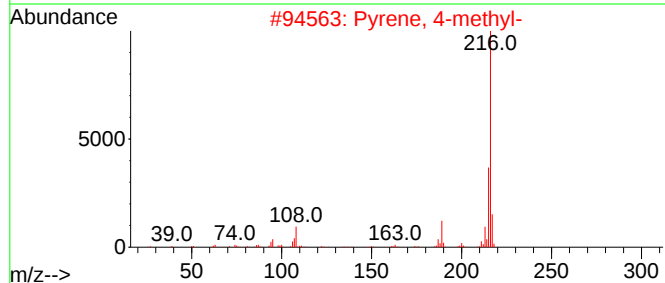
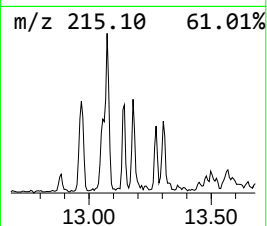
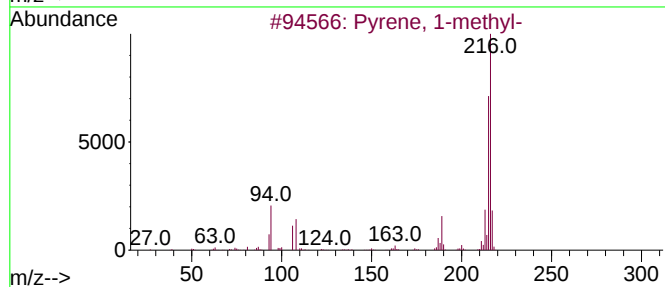
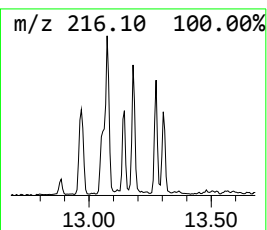
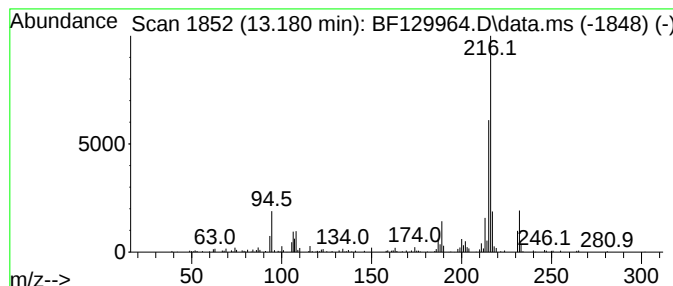
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	2.07 ng	117146	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129964.D
Acq On : 23 Aug 2022 21:28
Operator : CG\JU
Sample : N4295-01
Misc :
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Instrument :
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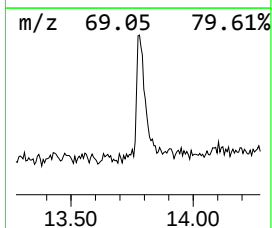
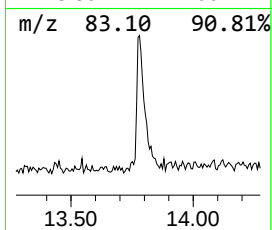
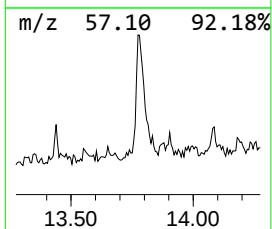
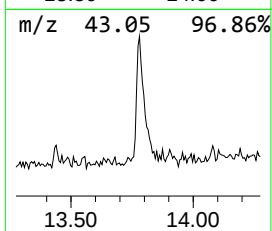
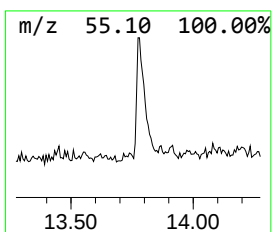
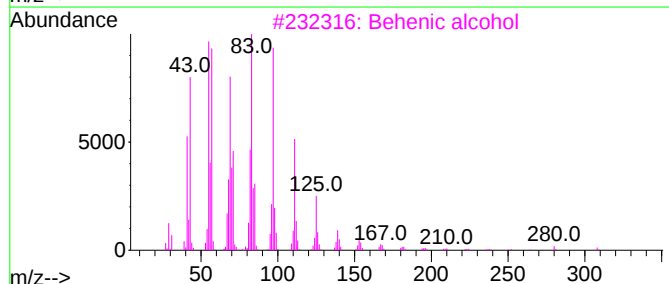
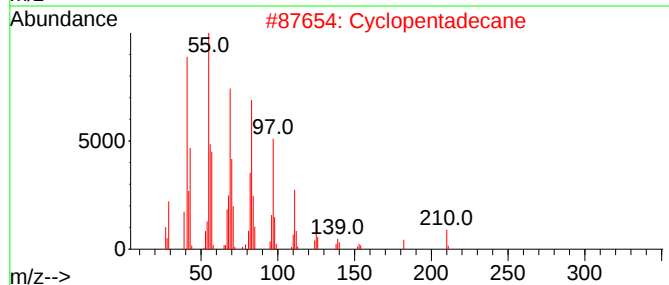
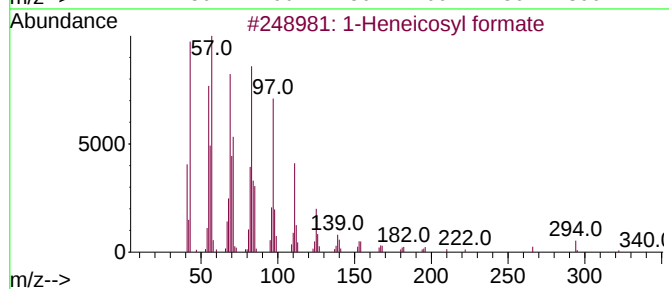
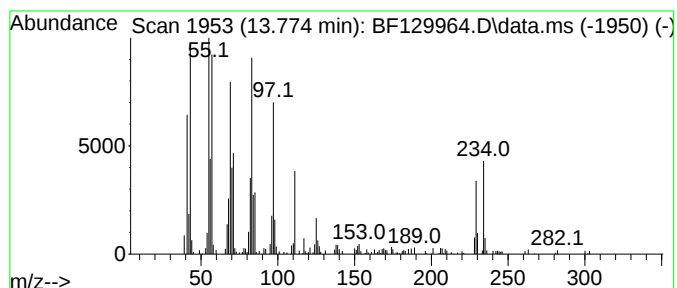
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	4.52 ng	256428	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2			Cyclopentadecane	210	C15H30	000295-48-7	92
3			Behenic alcohol	326	C22H46O	000661-19-8	90
4			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5			Cyclotridecane	182	C13H26	000295-02-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
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Acq On : 23 Aug 2022 21:28
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Sample : N4295-01
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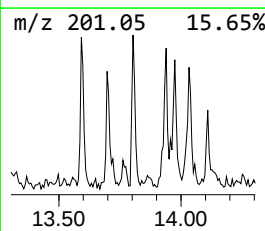
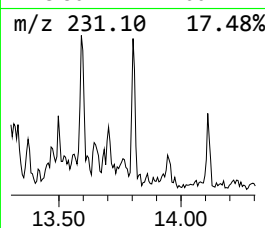
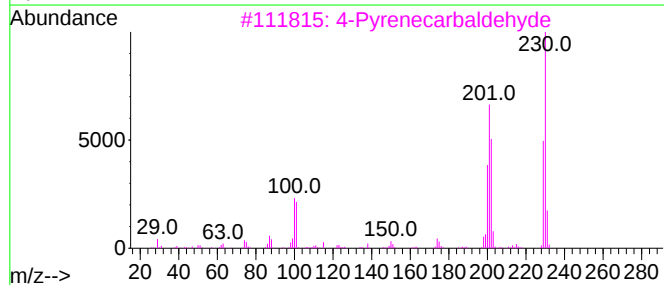
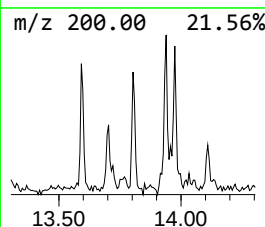
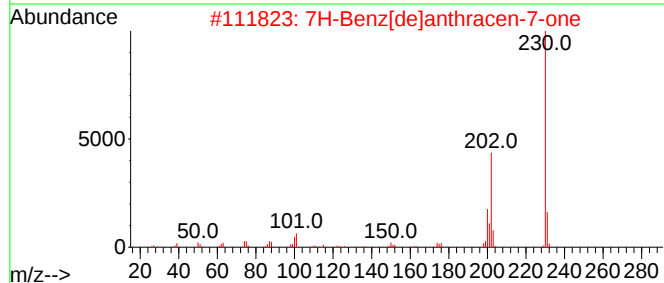
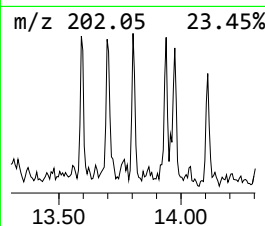
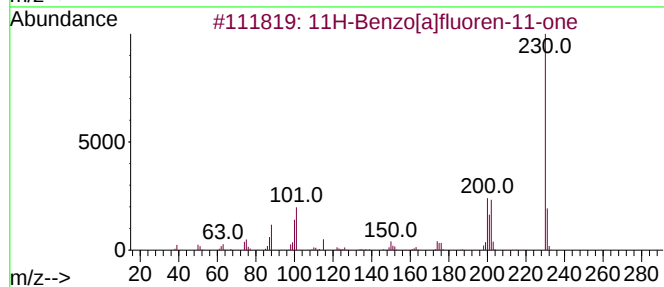
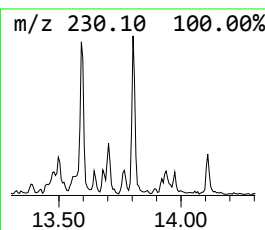
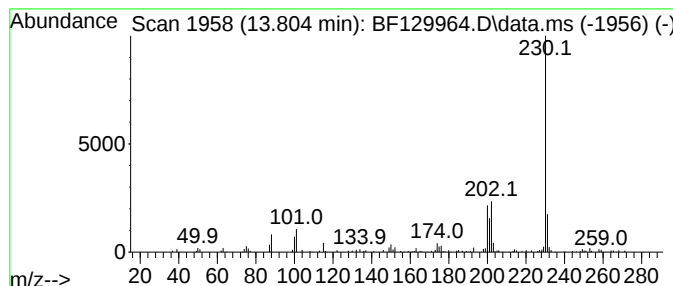
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	2.73 ng	155037	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3			4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	78
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5			o-Terphenyl	230	C18H14	000084-15-1	59



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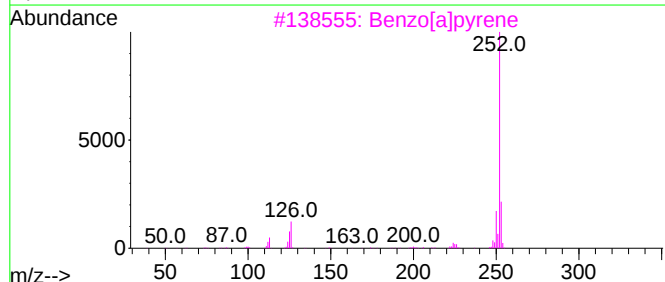
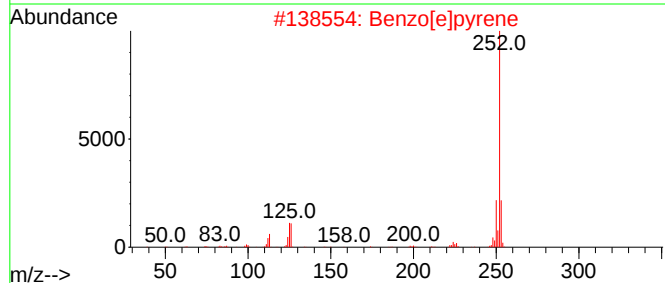
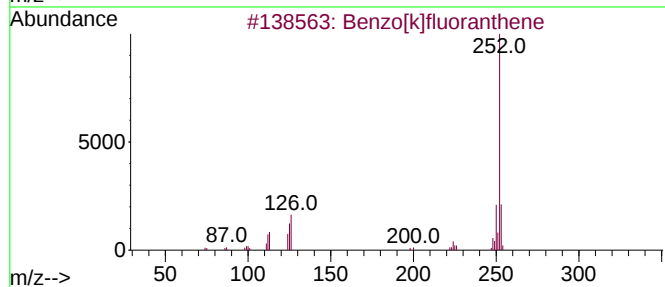
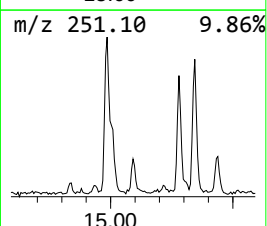
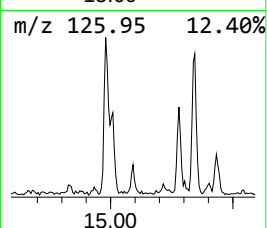
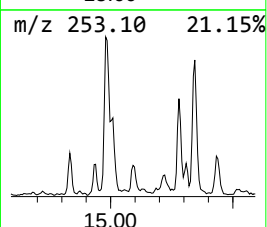
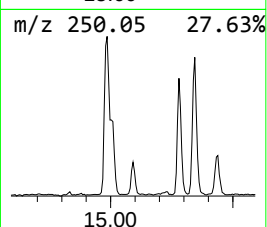
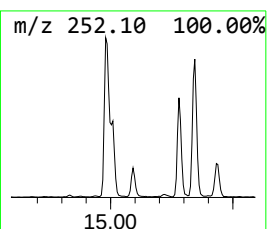
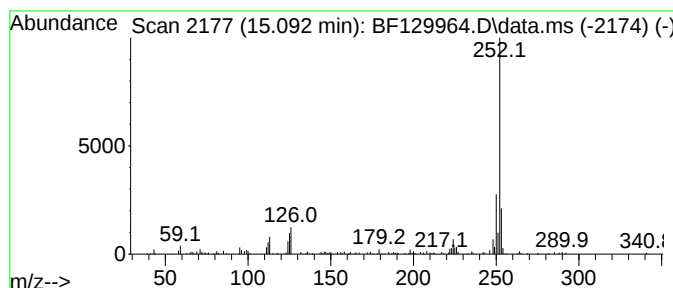
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.44 ng	79814	Perylene-d12	15.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	95
3			Benzo[a]pyrene	252	C20H12	000050-32-8	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129964.D
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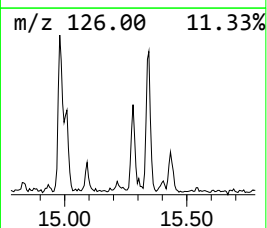
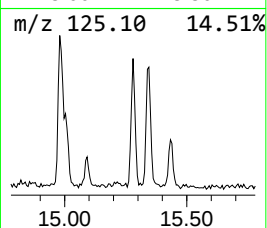
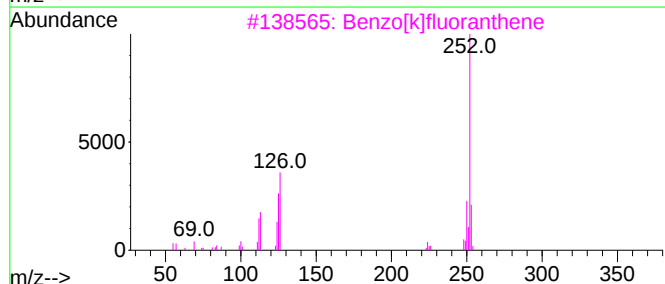
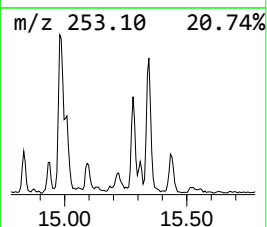
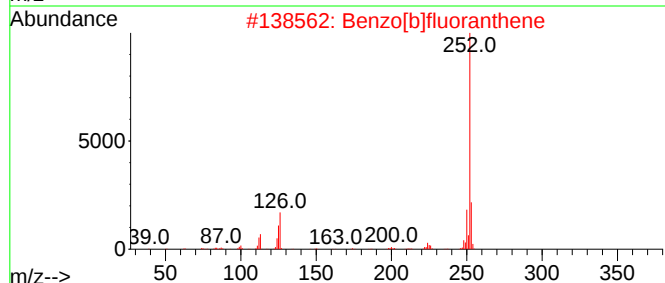
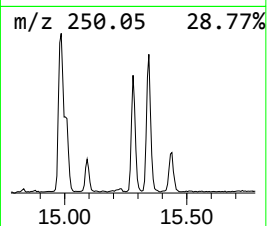
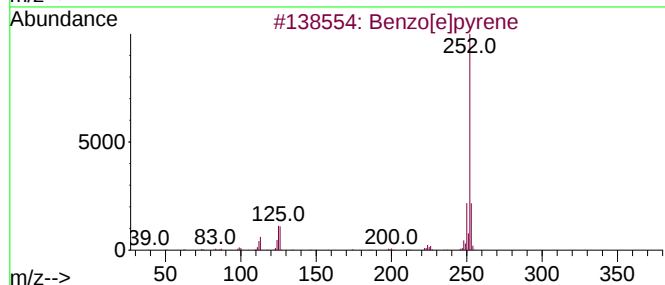
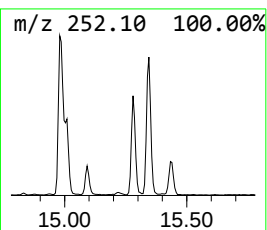
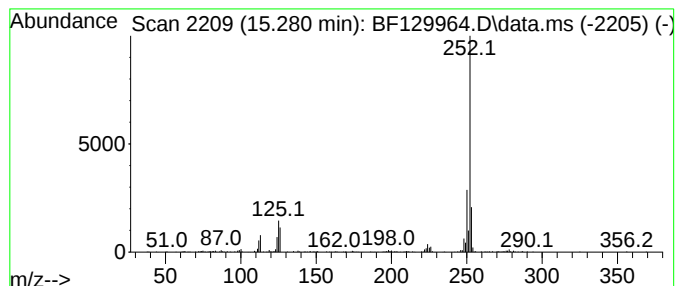
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	8.36 ng	273175	Perylene-d12	15.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[a]pyrene	252	C20H12	000050-32-8	96
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129964.D
Acq On : 23 Aug 2022 21:28
Operator : CG\JU
Sample : N4295-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	11.1	ng	500630	1	6.775	905660	20.0
ethanone, 1-(9H...	11.539	2.3	ng	126224	4	11.298	1103100	20.0
Phenanthrene, 1...	11.804	2.6	ng	144565	4	11.298	1103100	20.0
Anthracene, 1-m...	11.833	3.6	ng	198722	4	11.298	1103100	20.0
4H-Cyclopenta[d...	11.915	4.1	ng	226096	4	11.298	1103100	20.0
Pyrene, 1-methyl-	12.968	2.2	ng	125484	5	13.951	1134110	20.0
Pyrene, 4-methyl-	13.180	2.1	ng	117146	5	13.951	1134110	20.0
1-Heneicosyl fo...	13.774	4.5	ng	256428	5	13.951	1134110	20.0
11H-Benzo[a]flu...	13.804	2.7	ng	155037	5	13.951	1134110	20.0
Benzo[e]pyrene	15.092	2.4	ng	79814	6	15.403	653234	20.0
Benzo[j]fluoran...	15.280	8.4	ng	273175	6	15.403	653234	20.0