

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133447.D
 Acq On : 18 May 2023 19:43
 Operator : CG\JU
 Sample : 02823-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-051723

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-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	471	475	491	rVB	488531	543423	23.71%	1.832%
2	5.322	546	550	561	rBV	2014382	1977301	86.28%	6.667%
3	5.716	613	617	622	rVB2	48462	47977	2.09%	0.162%
4	6.357	722	726	740	rBV	1861131	1915904	83.60%	6.460%
5	6.551	754	759	764	rBV3	53581	61773	2.70%	0.208%
6	6.710	783	786	793	rBV	1660754	1362422	59.45%	4.594%
7	7.275	878	882	887	rBV	1522450	1195390	52.16%	4.030%
8	7.316	887	889	893	rVB	48892	40021	1.75%	0.135%
9	7.481	912	917	922	rBV	31479	32685	1.43%	0.110%
10	7.998	1001	1005	1008	rBV	2069915	1740115	75.93%	5.867%
11	9.069	1184	1187	1191	rBV	2796523	2291690	100.00%	7.727%
12	9.157	1198	1202	1207	rVB3	37250	39480	1.72%	0.133%
13	9.416	1242	1246	1248	rBV2	41751	49371	2.15%	0.166%
14	9.475	1254	1256	1259	rVB	50014	39687	1.73%	0.134%
15	9.610	1275	1279	1284	rBV	189263	169993	7.42%	0.573%
16	9.686	1290	1292	1296	rVB	43828	36427	1.59%	0.123%
17	9.745	1299	1302	1306	rVV	1887766	1660188	72.44%	5.598%
18	9.910	1325	1330	1334	rBV7	14633	27735	1.21%	0.094%
19	10.157	1368	1372	1374	rBV5	23116	29394	1.28%	0.099%
20	10.186	1374	1377	1378	rBV	37759	28946	1.26%	0.098%
21	10.404	1411	1414	1419	rBV	55183	54256	2.37%	0.183%
22	10.457	1420	1423	1426	rBV	125305	105815	4.62%	0.357%
23	10.533	1431	1436	1445	rBV	1173553	1115595	48.68%	3.761%
24	10.663	1454	1458	1462	rBV2	81477	119908	5.23%	0.404%
25	10.980	1509	1512	1519	rVB6	30597	54028	2.36%	0.182%
26	11.104	1531	1533	1535	rBV2	52774	39919	1.74%	0.135%
27	11.133	1535	1538	1544	rVB2	55341	66924	2.92%	0.226%
28	11.233	1551	1555	1557	rBV	1662081	1539577	67.18%	5.191%
29	11.251	1557	1558	1562	rVV	273690	218680	9.54%	0.737%
30	11.304	1565	1567	1571	rVV	107440	100194	4.37%	0.338%
31	11.345	1571	1574	1577	rVB5	29083	34977	1.53%	0.118%
32	11.527	1603	1605	1608	rVB	66494	53568	2.34%	0.181%
33	11.563	1608	1611	1616	rVB	43738	49976	2.18%	0.169%
34	11.645	1620	1625	1628	rVB4	27571	45637	1.99%	0.154%
35	11.692	1630	1633	1636	rBV5	24889	33138	1.45%	0.112%
36	11.733	1637	1640	1642	rVV	99817	88411	3.86%	0.298%

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Stop Thrs : 0

Peak Location: TOP

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37	11.769	1642	1646	1649	rVV2	190617	249614	10.89%	0.842%
38	11.810	1650	1653	1655	rVV2	62981	74160	3.24%	0.250%
39	11.845	1655	1659	1661	rVV2	216647	248551	10.85%	0.838%
40	11.863	1661	1662	1668	rVB	89236	78654	3.43%	0.265%
41	11.939	1673	1675	1677	rVV	61343	46310	2.02%	0.156%
42	11.969	1677	1680	1682	rVV	35607	28774	1.26%	0.097%
43	12.027	1687	1690	1692	rVV	67599	59796	2.61%	0.202%
44	12.057	1692	1695	1698	rVB2	52541	54155	2.36%	0.183%
45	12.157	1710	1712	1714	rBV	49041	47565	2.08%	0.160%
46	12.210	1718	1721	1723	rBV2	48781	52970	2.31%	0.179%
47	12.280	1731	1733	1736	rBV	132745	132992	5.80%	0.448%
48	12.322	1736	1740	1745	rVB4	121254	194503	8.49%	0.656%
49	12.369	1745	1748	1752	rBV2	146907	180227	7.86%	0.608%
50	12.439	1757	1760	1764	rBV	1044322	989031	43.16%	3.335%
51	12.486	1766	1768	1770	rBV	42882	39532	1.73%	0.133%
52	12.539	1774	1777	1779	rBV2	97561	101345	4.42%	0.342%
53	12.592	1784	1786	1793	rVB3	71857	110746	4.83%	0.373%
54	12.669	1794	1799	1802	rBV	1362781	1237423	54.00%	4.172%
55	12.698	1802	1804	1806	rVV2	111472	84135	3.67%	0.284%
56	12.816	1821	1824	1832	rVB	2235996	1854716	80.93%	6.254%
57	12.892	1834	1837	1841	rVB2	130383	162384	7.09%	0.548%
58	12.945	1844	1846	1848	rBV2	46122	53227	2.32%	0.179%
59	12.998	1853	1855	1858	rVB	216508	202200	8.82%	0.682%
60	13.069	1862	1867	1869	rBV2	145266	202434	8.83%	0.683%
61	13.104	1870	1873	1877	rVB2	170148	166382	7.26%	0.561%
62	13.198	1886	1889	1891	rVB	106751	94947	4.14%	0.320%
63	13.227	1891	1894	1897	rVB	125427	90539	3.95%	0.305%
64	13.398	1921	1923	1926	rBV2	90969	87871	3.83%	0.296%
65	13.510	1940	1942	1946	rVB	100899	96940	4.23%	0.327%
66	13.668	1967	1969	1971	rBV	96231	75905	3.31%	0.256%
67	13.721	1976	1978	1981	rVV2	108603	121284	5.29%	0.409%
68	13.868	1998	2003	2006	rBV2	1521552	1989266	86.80%	6.707%
69	13.898	2006	2008	2015	rVB	574063	525246	22.92%	1.771%
70	14.351	2082	2085	2088	rBV2	177951	168012	7.33%	0.566%
71	14.892	2173	2177	2180	rBV	599014	907116	39.58%	3.059%
72	15.174	2223	2225	2231	rVB	319637	358976	15.66%	1.210%
73	15.233	2232	2235	2240	rVB	476246	551254	24.05%	1.859%
74	15.298	2242	2246	2249	rBV	774422	929084	40.54%	3.133%

Sum of corrected areas: 29658791

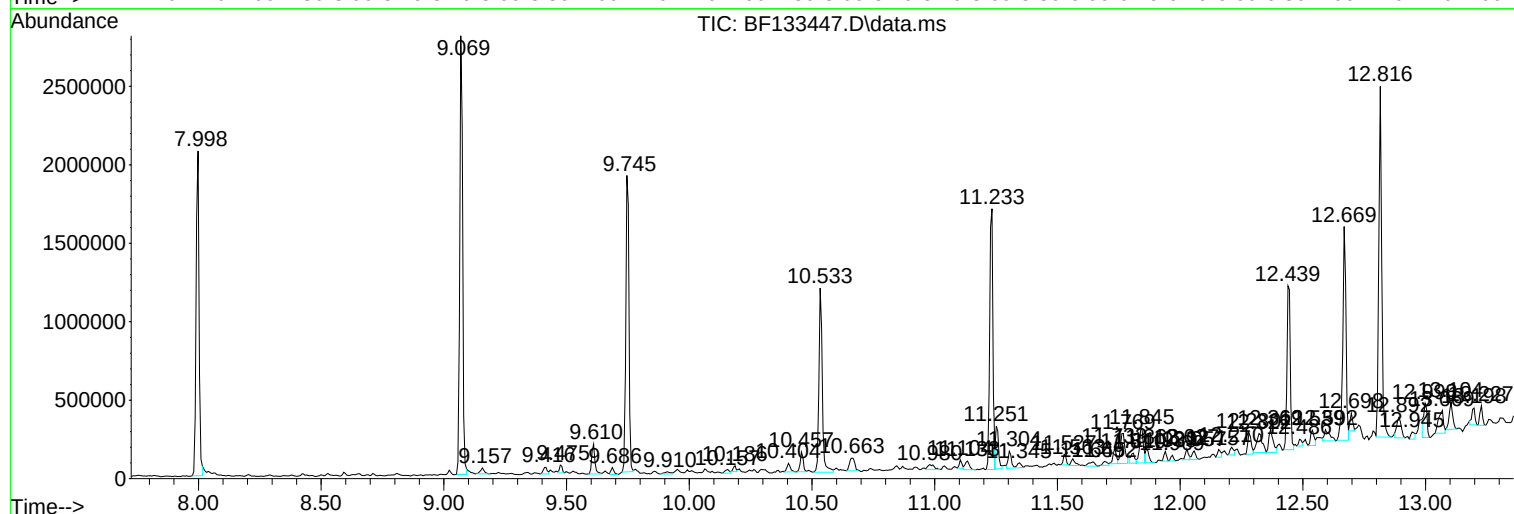
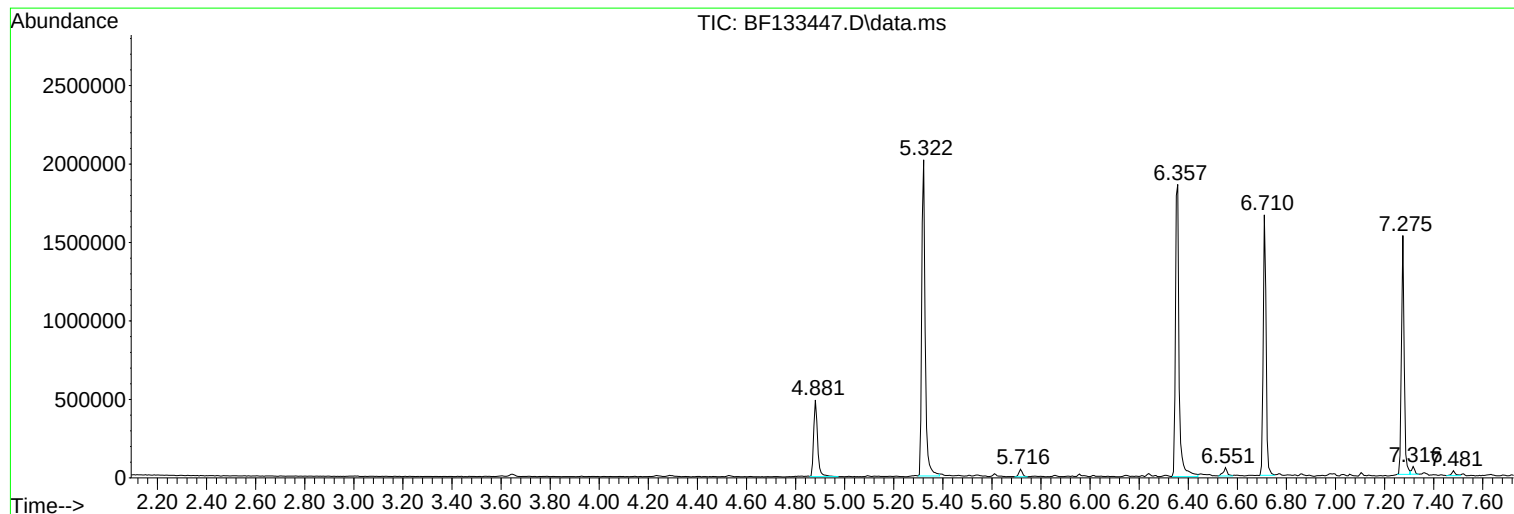
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ClientSampleId :
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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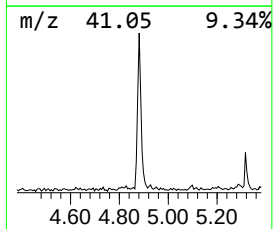
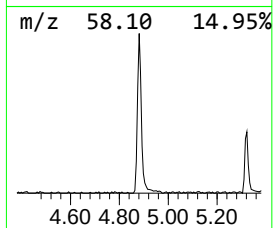
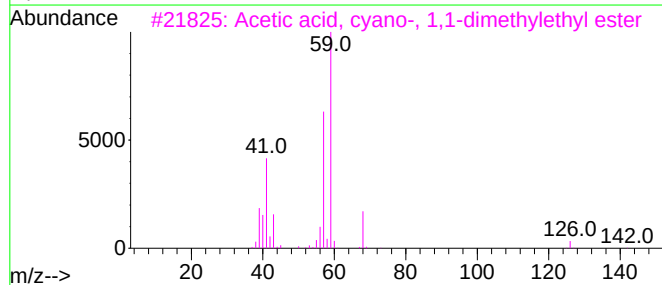
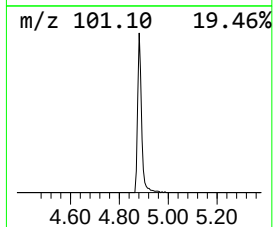
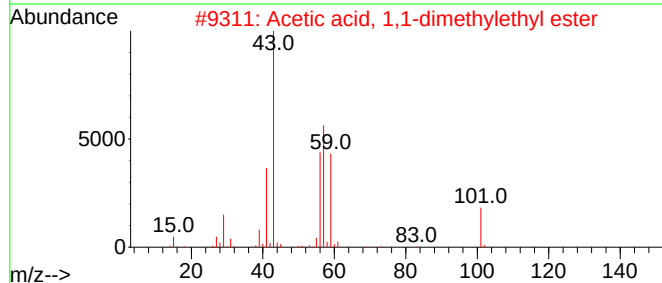
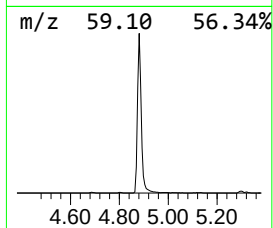
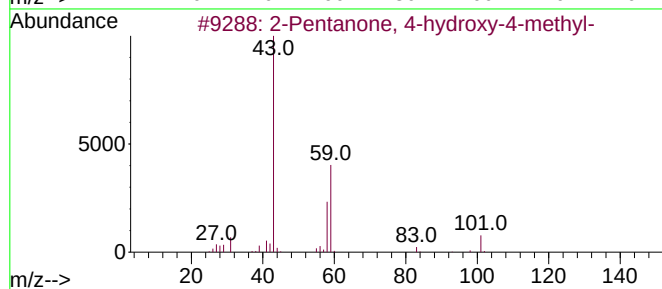
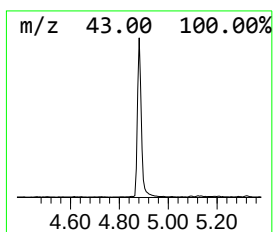
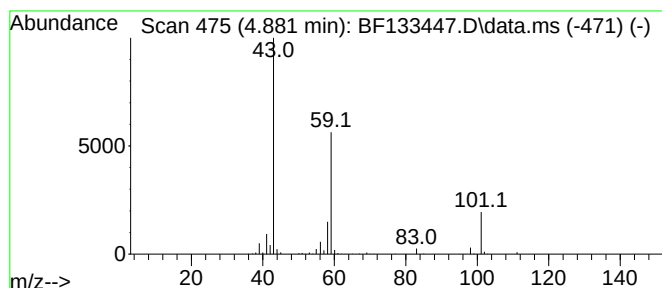
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.881	7.98 ng	543423	1,4-Dichlorobenzene-d4	6.710

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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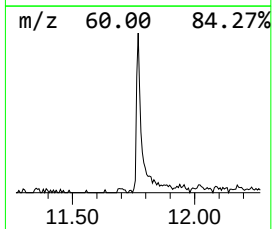
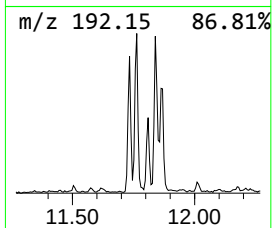
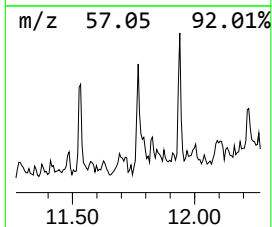
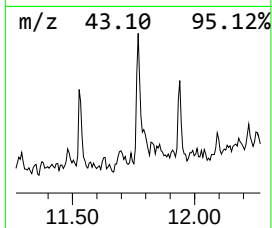
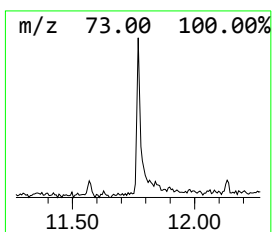
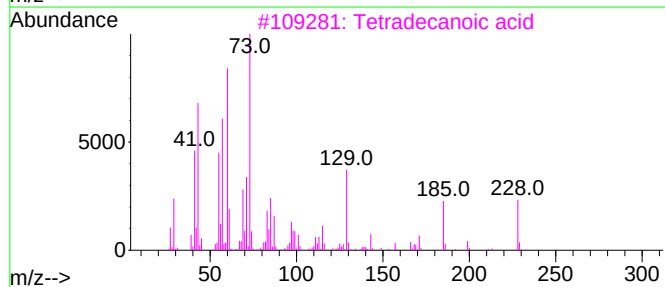
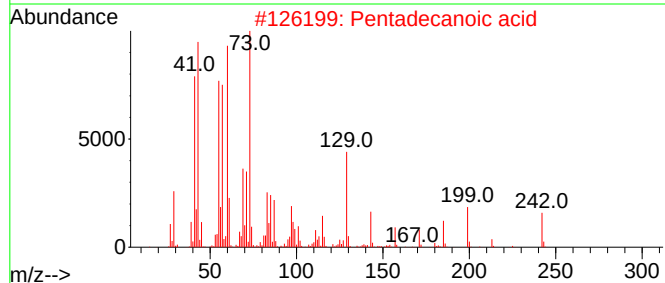
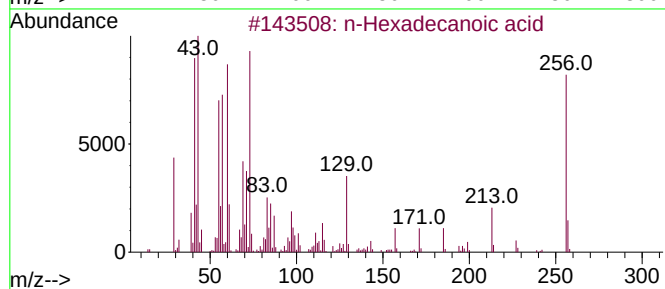
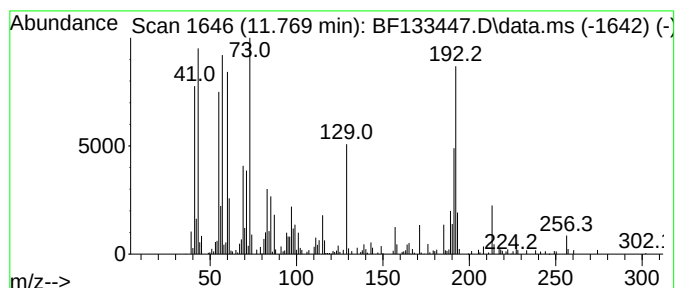
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	3.24 ng	249614	Phenanthrene-d10	11.233

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4		Octadecanoic acid	284	C18H36O2	000057-11-4	46
5		Tridecanoic acid	214	C13H26O2	000638-53-9	42



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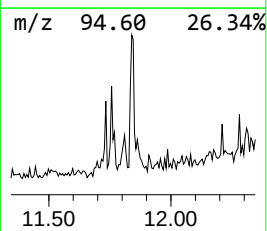
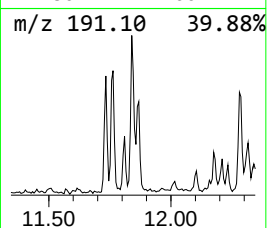
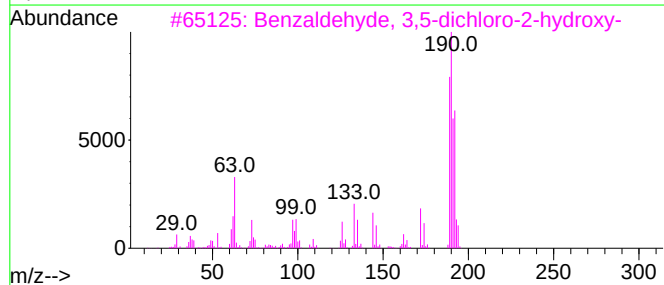
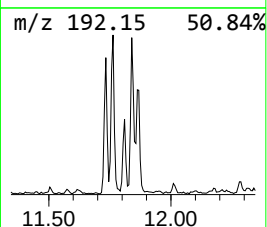
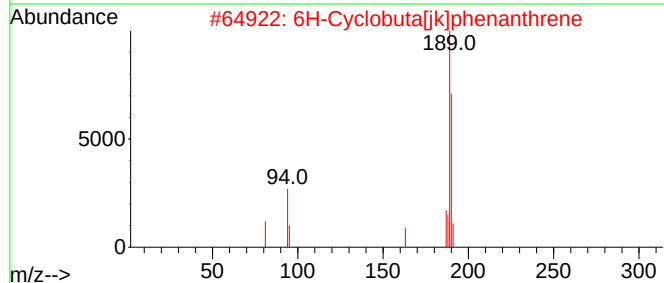
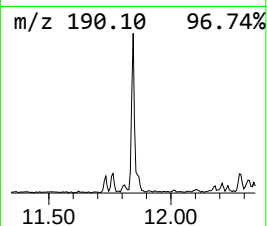
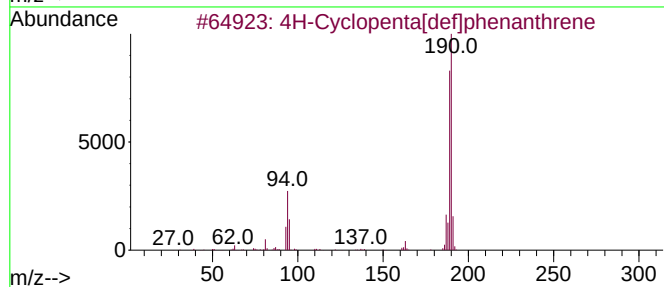
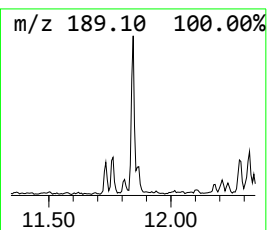
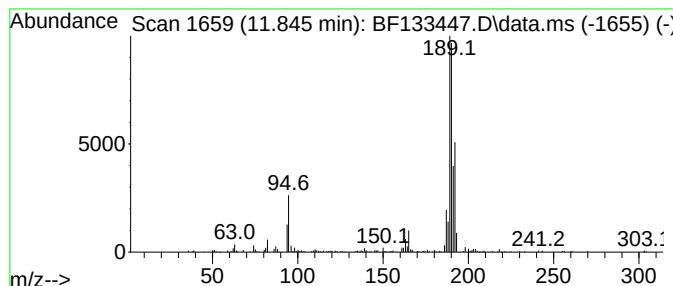
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.845	3.23 ng	248551	Phenanthrene-d10		11.233	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...		190	C7H4Cl2O2	000090-60-8	38
4	Methyl diselenide		190	C2H6Se2	007101-31-7	30
5	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	18



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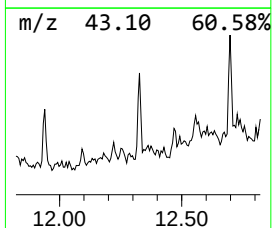
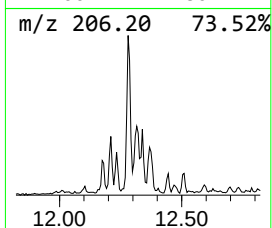
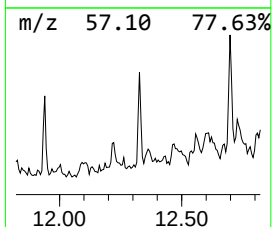
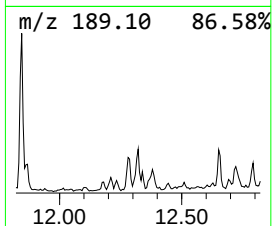
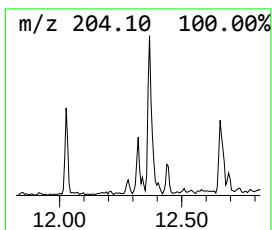
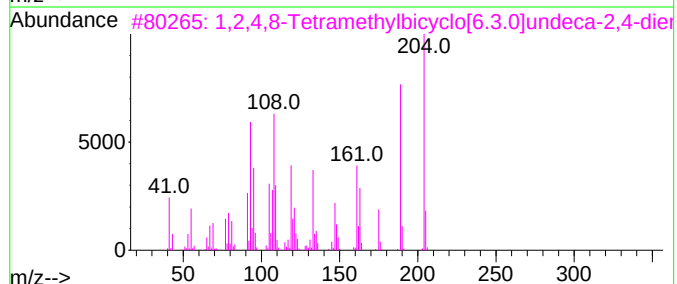
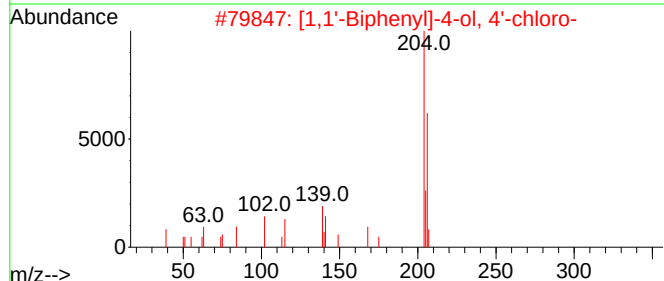
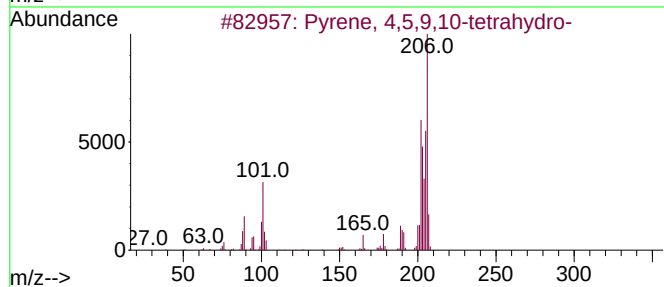
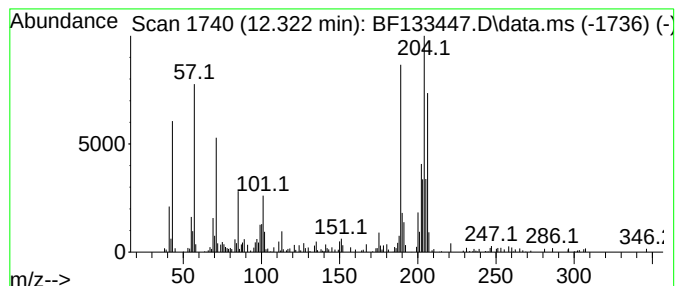
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown12.322 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	2.53 ng	194503	Phenanthrene-d10	11.233

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	35
3			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	27
4			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133447.D
Acq On : 18 May 2023 19:43
Operator : CG\JU
Sample : 02823-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

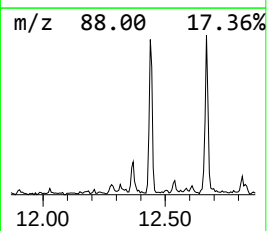
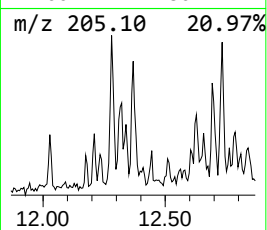
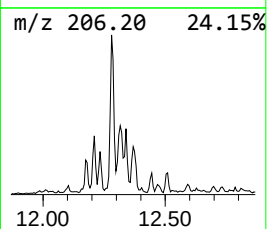
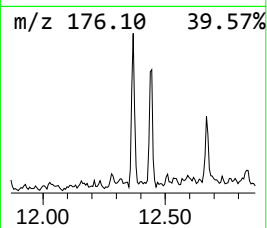
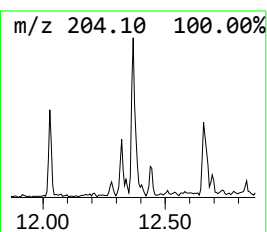
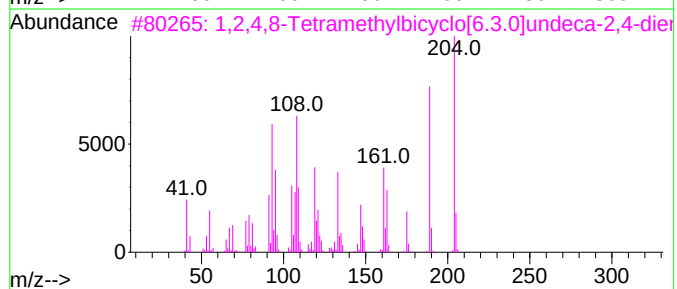
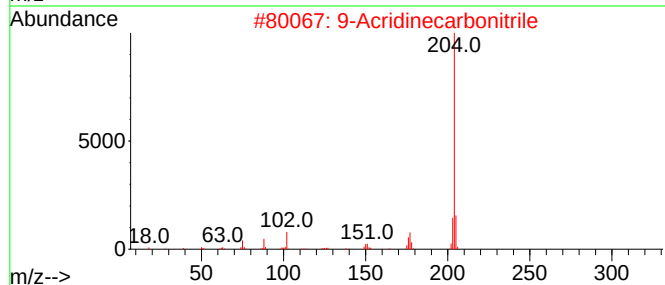
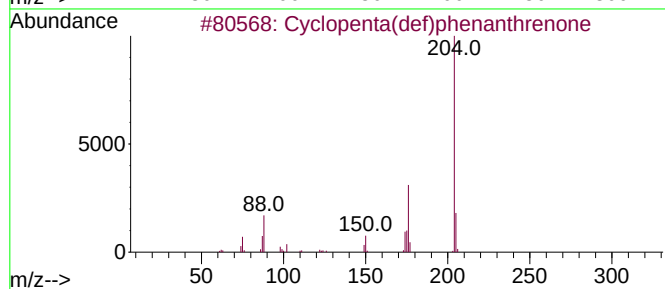
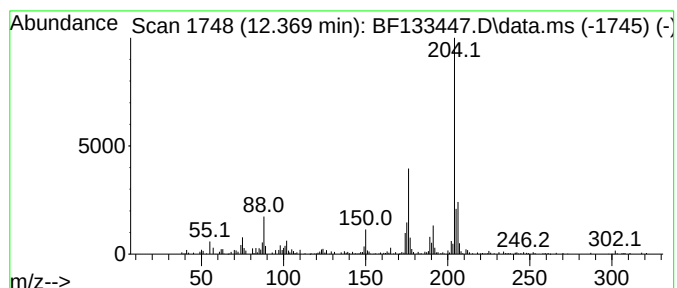
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.369	2.34 ng	180227	Phenanthrene-d10	11.233	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133447.D
Acq On : 18 May 2023 19:43
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Sample : 02823-03 2X
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Instrument :
BNA_F
ClientSampleId :
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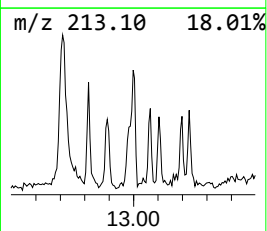
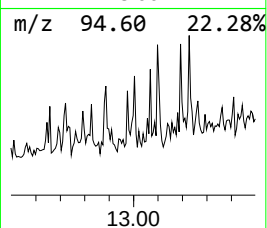
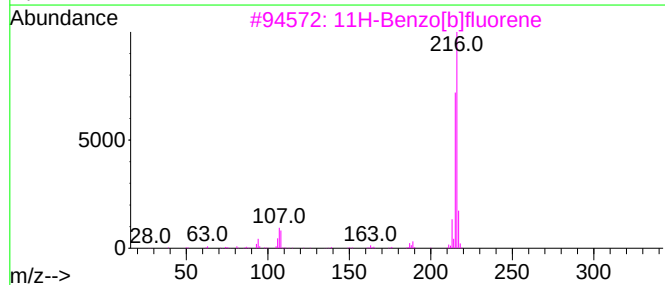
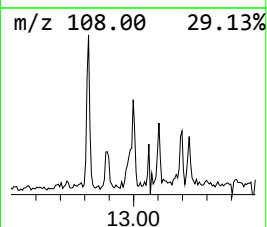
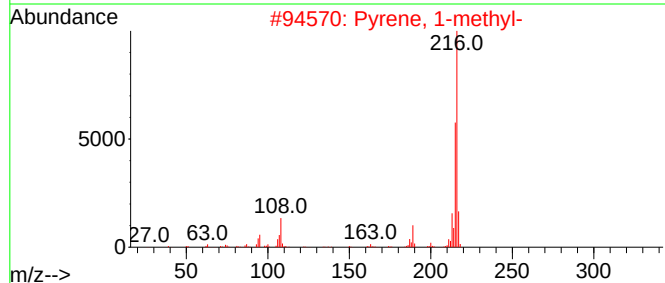
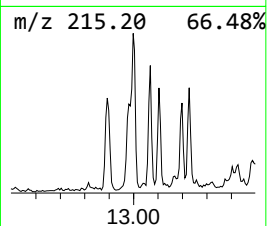
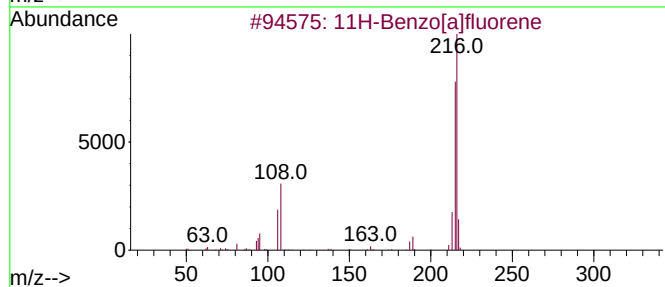
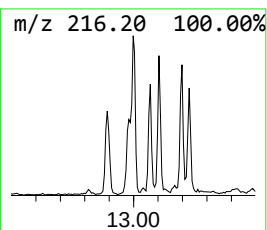
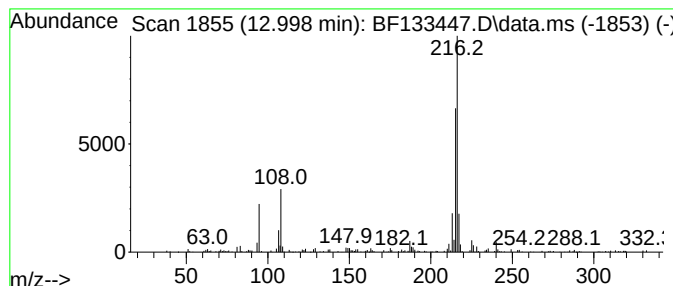
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.998	2.03 ng	202200	Chrysene-d12	13.868

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	68
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133447.D
Acq On : 18 May 2023 19:43
Operator : CG\JU
Sample : 02823-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-051723

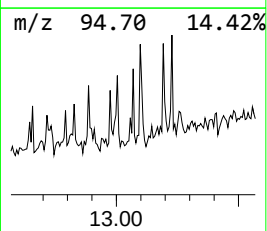
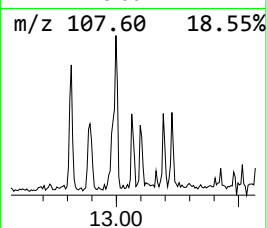
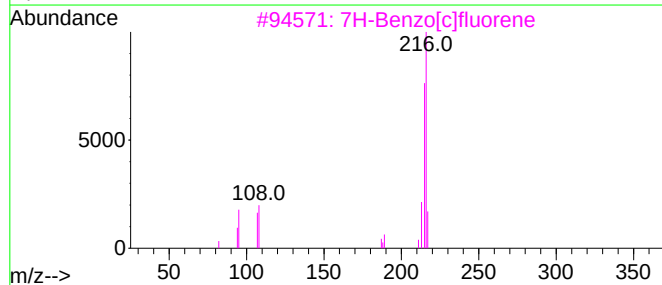
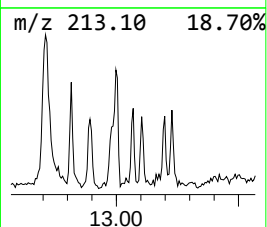
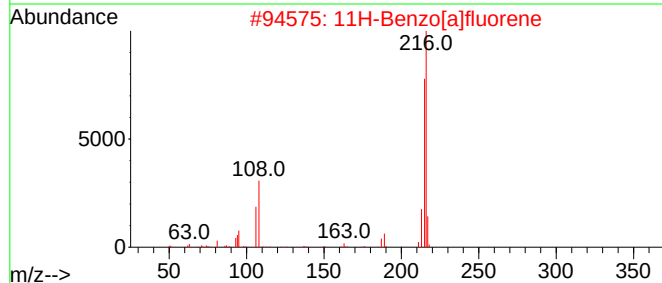
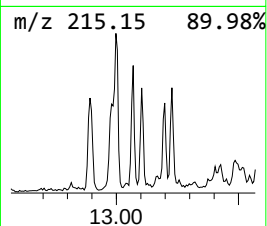
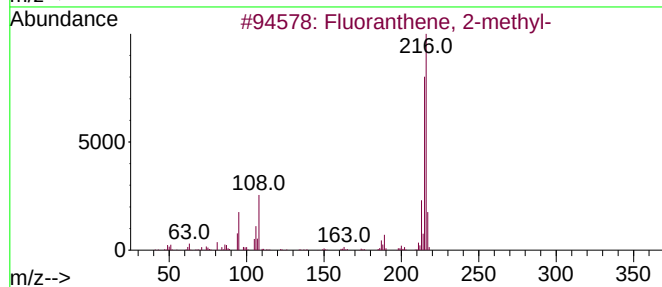
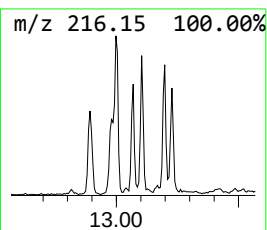
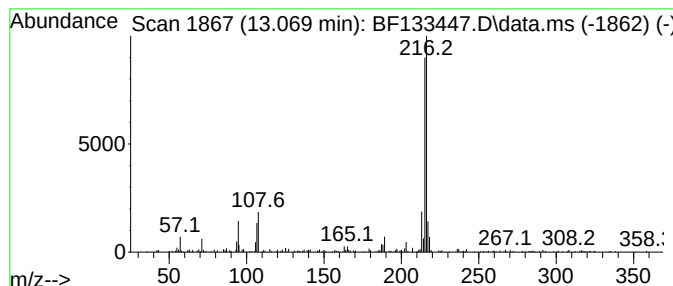
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.04 ng	202434	Chrysene-d12	13.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133447.D
Acq On : 18 May 2023 19:43
Operator : CG\JU
Sample : 02823-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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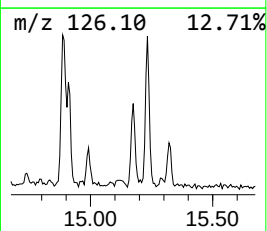
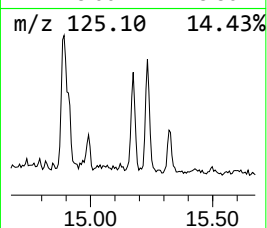
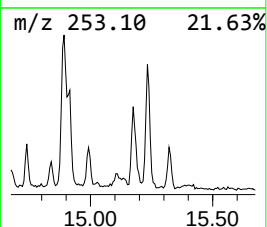
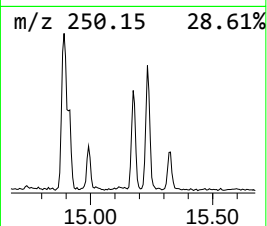
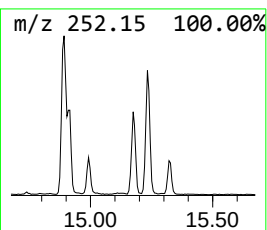
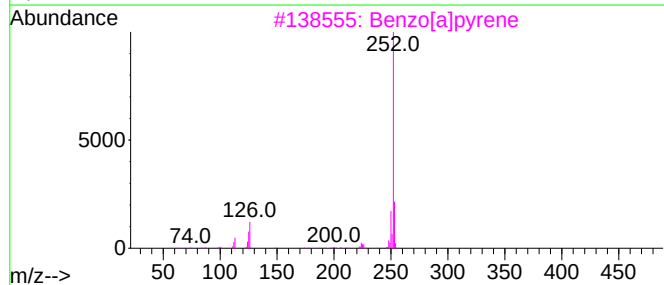
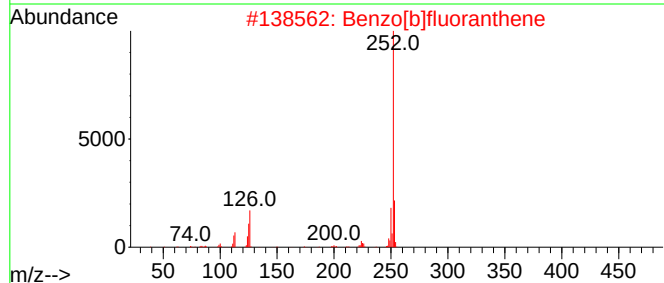
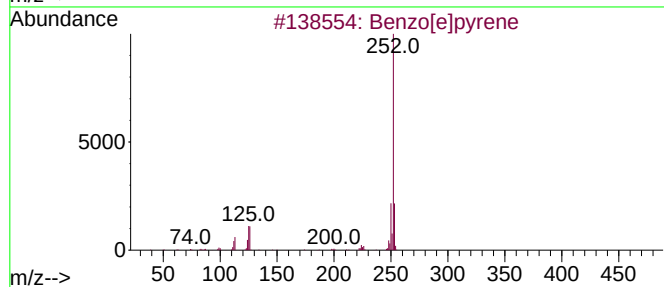
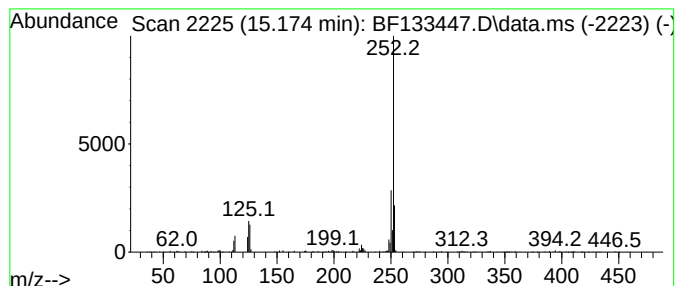
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	7.73 ng	358976	Perylene-d12	15.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Perylene	252	C20H12	000198-55-0	91
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133447.D
Acq On : 18 May 2023 19:43
Operator : CG\JU
Sample : 02823-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-051723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
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n-Hexadecanoic ...	11.769	3.2	ng	249614	4	11.233	1539580	20.0
4H-Cyclopenta[d]...	11.845	3.2	ng	248551	4	11.233	1539580	20.0
unknown12.322	12.322	2.5	ng	194503	4	11.233	1539580	20.0
Cyclopenta(def)...	12.369	2.3	ng	180227	4	11.233	1539580	20.0
11H-Benzo[a]flu...	12.998	2.0	ng	202200	5	13.868	1989270	20.0
Fluoranthene, 2...	13.069	2.0	ng	202434	5	13.868	1989270	20.0
Benzo[e]pyrene	15.174	7.7	ng	358976	6	15.298	929084	20.0