

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128324.D
 Acq On : 18 May 2022 21:24
 Operator : CG\JU
 Sample : N2908-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BI-2

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128324.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	189	193	202	rBV2	7367	22095	1.30%	0.136%
2	5.099	475	478	486	rBV	15061	19045	1.12%	0.117%
3	5.493	541	545	560	rBV	1628192	1556683	91.87%	9.601%
4	6.140	651	655	658	rBB	29864	23800	1.40%	0.147%
5	6.498	712	716	725	rBV	1596084	1582813	93.41%	9.762%
6	6.869	775	779	787	rBV	611962	500128	29.51%	3.084%
7	7.434	871	875	878	rBV	1205014	1041452	61.46%	6.423%
8	8.151	993	997	1000	rBV	768830	628939	37.12%	3.879%
9	8.863	1114	1118	1122	rBV	38584	33787	1.99%	0.208%
10	8.963	1131	1135	1139	rBV	38161	31990	1.89%	0.197%
11	9.228	1175	1180	1183	rBV	1989599	1694510	100.00%	10.451%
12	9.492	1220	1225	1229	rBV	31048	38264	2.26%	0.236%
13	9.563	1233	1237	1240	rVV2	50760	61541	3.63%	0.380%
14	9.592	1240	1242	1245	rVB	28460	21173	1.25%	0.131%
15	9.681	1251	1257	1262	rBV2	22685	28823	1.70%	0.178%
16	9.910	1292	1296	1299	rBV	731261	622769	36.75%	3.841%
17	9.939	1299	1301	1305	rVB	126802	101872	6.01%	0.628%
18	10.016	1310	1314	1318	rVB3	16505	21714	1.28%	0.134%
19	10.063	1318	1322	1326	rBV4	16370	20816	1.23%	0.128%
20	10.116	1326	1331	1334	rBV	80362	78417	4.63%	0.484%
21	10.316	1360	1365	1366	rBV3	15417	22122	1.31%	0.136%
22	10.422	1378	1383	1385	rVV2	25924	28371	1.67%	0.175%
23	10.457	1385	1389	1394	rVB	126318	115827	6.84%	0.714%
24	10.610	1413	1415	1420	rVB	43930	42360	2.50%	0.261%
25	10.698	1426	1430	1437	rBV	1017596	920282	54.31%	5.676%
26	11.004	1475	1482	1485	rBV3	36564	49054	2.89%	0.303%
27	11.133	1499	1504	1505	rBV3	23231	29297	1.73%	0.181%
28	11.210	1514	1517	1519	rVB	29065	27032	1.60%	0.167%
29	11.251	1519	1524	1527	rVV4	37592	45706	2.70%	0.282%
30	11.298	1529	1532	1533	rVV	34209	29483	1.74%	0.182%
31	11.316	1533	1535	1538	rVB2	23758	20290	1.20%	0.125%
32	11.398	1546	1549	1551	rBV	645628	536729	31.67%	3.310%
33	11.422	1551	1553	1557	rVV	577803	467269	27.58%	2.882%
34	11.475	1557	1562	1565	rVV	185557	157518	9.30%	0.971%
35	11.510	1565	1568	1573	rVB2	20797	24922	1.47%	0.154%
36	11.633	1584	1589	1597	rBV2	65822	84618	4.99%	0.522%

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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.775	1610	1613	1617	rBV	63884	57586	3.40%	0.355%
38	11.898	1629	1634	1636	rBV	86908	86990	5.13%	0.536%
39	11.928	1636	1639	1645	rVV2	151241	198012	11.69%	1.221%
40	11.975	1645	1647	1650	rVV	58274	54847	3.24%	0.338%

41	12.016	1650	1654	1656	rVV2	102842	117569	6.94%	0.725%
42	12.033	1656	1657	1661	rVB	53628	40649	2.40%	0.251%
43	12.198	1682	1685	1688	rVB	37731	32839	1.94%	0.203%
44	12.228	1688	1690	1694	rVB	30212	25518	1.51%	0.157%
45	12.345	1705	1710	1713	rBV3	21883	24021	1.42%	0.148%

46	12.445	1722	1727	1730	rBV	45875	68472	4.04%	0.422%
47	12.486	1731	1734	1736	rVV2	44676	54222	3.20%	0.334%
48	12.539	1740	1743	1747	rVB3	26467	38205	2.25%	0.236%
49	12.616	1752	1756	1760	rBV	395677	328635	19.39%	2.027%
50	12.769	1774	1782	1784	rBV4	16937	28838	1.70%	0.178%

51	12.827	1789	1792	1793	rBV2	94138	83740	4.94%	0.516%
52	12.845	1793	1795	1801	rVB	293534	245639	14.50%	1.515%
53	12.892	1801	1803	1808	rVB2	32510	36621	2.16%	0.226%
54	12.957	1808	1814	1815	rBV	66245	82154	4.85%	0.507%
55	12.986	1815	1819	1822	rVB	1268841	1147723	67.73%	7.078%

56	13.057	1827	1831	1837	rBV3	32239	62368	3.68%	0.385%
57	13.151	1843	1847	1848	rBV2	31470	34943	2.06%	0.216%
58	13.175	1848	1851	1853	rVV	66528	60358	3.56%	0.372%
59	13.198	1853	1855	1860	rVV4	37920	37324	2.20%	0.230%
60	13.239	1860	1862	1864	rBV	45175	33022	1.95%	0.204%

61	13.280	1864	1869	1872	rBV2	50572	68664	4.05%	0.423%
62	13.374	1881	1885	1887	rBV2	29800	33073	1.95%	0.204%
63	13.404	1887	1890	1896	rVV2	31583	45972	2.71%	0.284%
64	13.686	1935	1938	1942	rVB	46447	42568	2.51%	0.263%
65	13.798	1952	1957	1959	rBV2	37504	52398	3.09%	0.323%

66	13.822	1959	1961	1963	rVB	32985	26997	1.59%	0.166%
67	13.898	1970	1974	1981	rVB	104319	163936	9.67%	1.011%
68	14.045	1995	1999	2002	rBV2	625587	694083	40.96%	4.281%
69	14.074	2002	2004	2007	rVV	157020	123067	7.26%	0.759%
70	14.139	2011	2015	2020	rBV3	32841	63862	3.77%	0.394%

71	14.433	2062	2065	2067	rVB	56836	45357	2.68%	0.280%
72	14.469	2069	2071	2073	rBV2	24860	19162	1.13%	0.118%
73	14.492	2073	2075	2079	rBV3	17756	24478	1.44%	0.151%
74	14.533	2079	2082	2084	rBV2	22631	24805	1.46%	0.153%
75	15.098	2174	2178	2181	rBV	112208	166303	9.81%	1.026%

76	15.210	2194	2197	2200	rBV	33672	43144	2.55%	0.266%
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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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.410	2227	2231	2236	rVB	65101	83225	4.91%	0.513%
78	15.474	2238	2242	2247	rVB	97138	124434	7.34%	0.767%
79	15.539	2248	2253	2257	rBV	433295	542485	32.01%	3.346%
80	15.968	2324	2326	2333	rVB3	34311	49986	2.95%	0.308%
81	17.045	2504	2509	2513	rBV	33170	64651	3.82%	0.399%

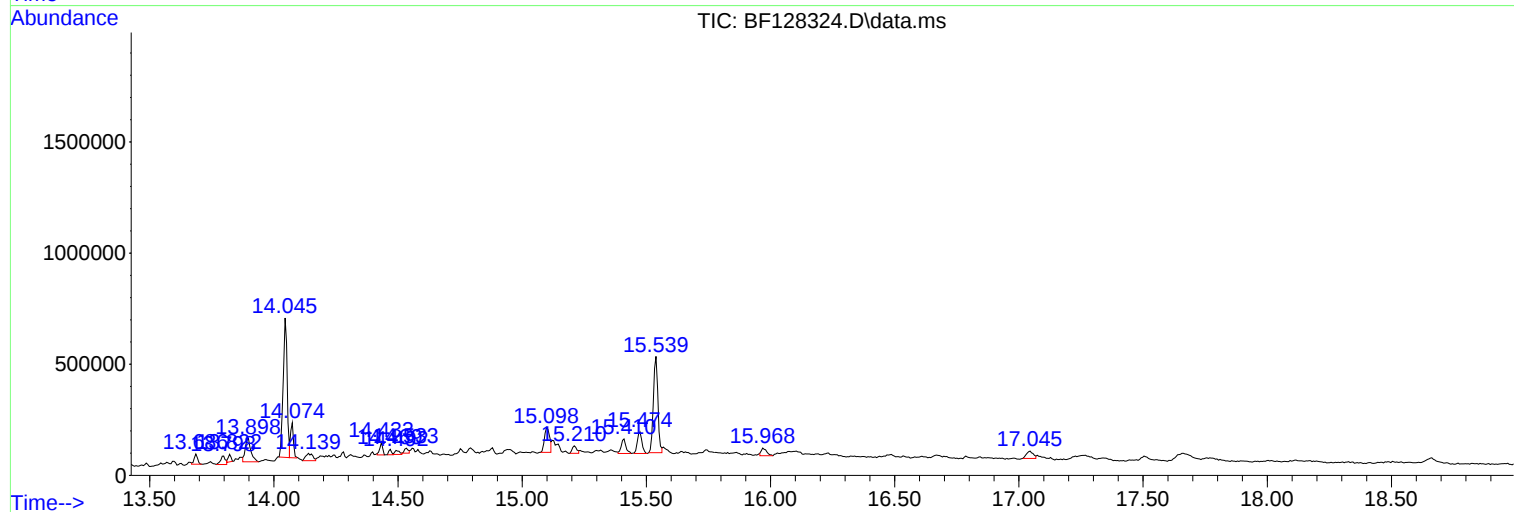
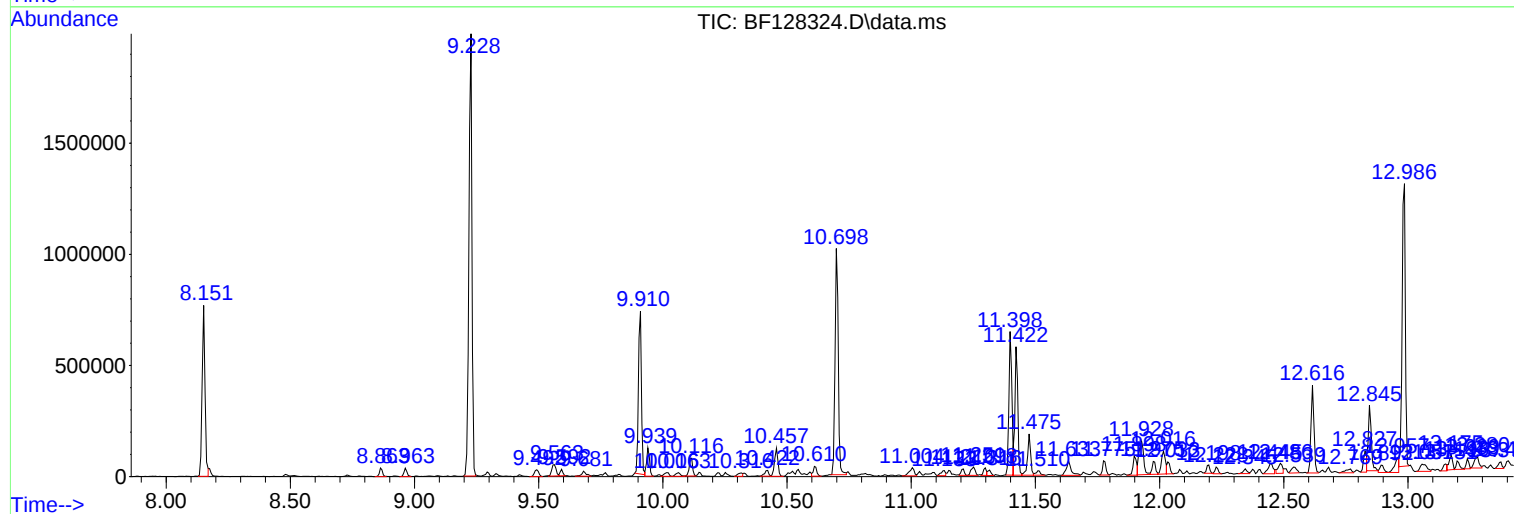
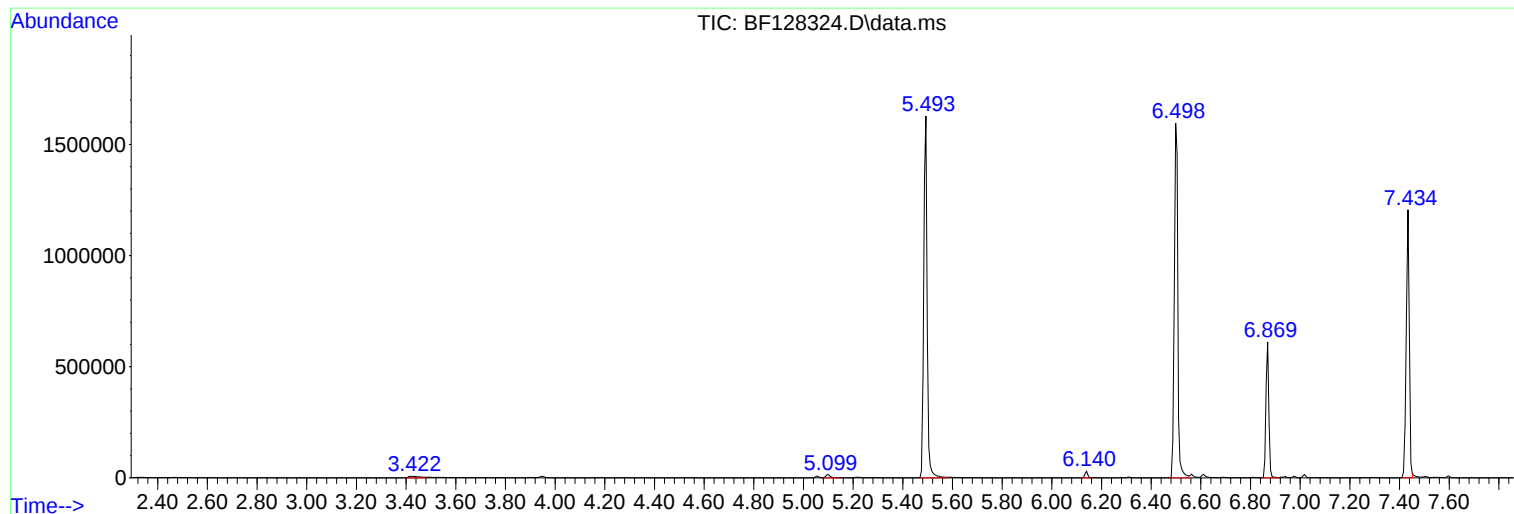
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BI-2

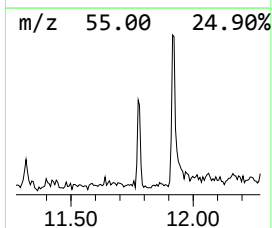
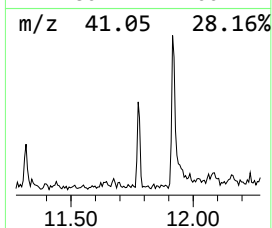
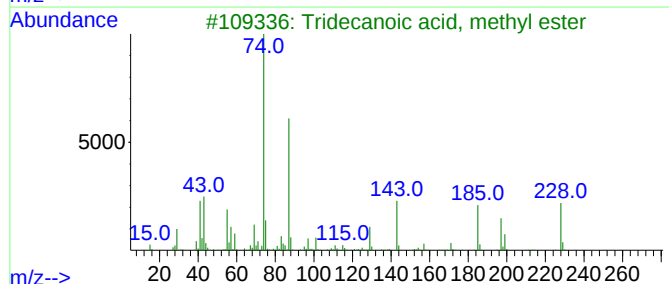
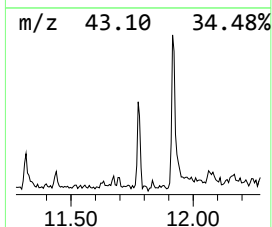
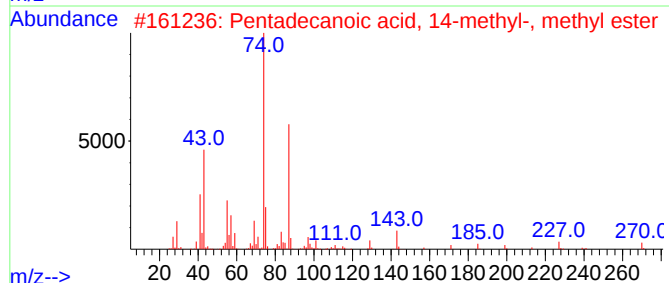
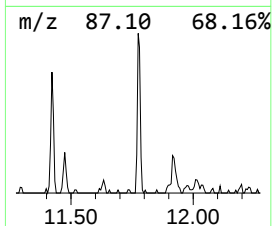
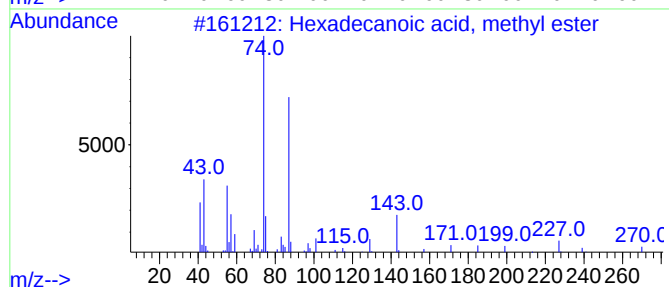
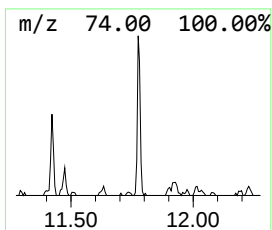
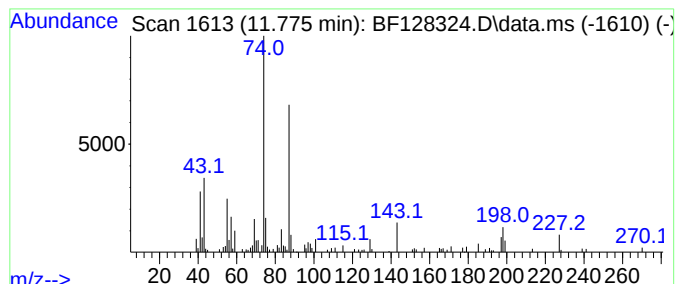
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	2.15 ng	57586	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80



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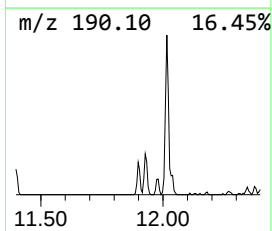
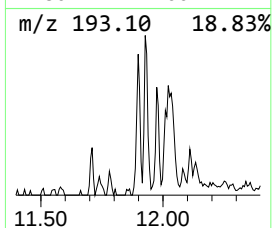
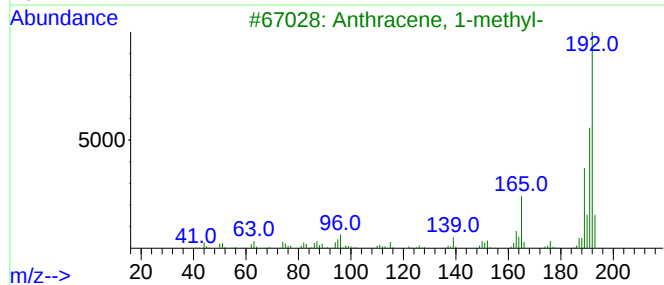
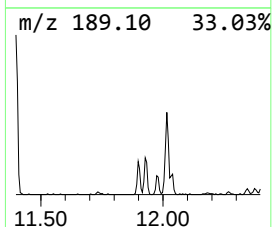
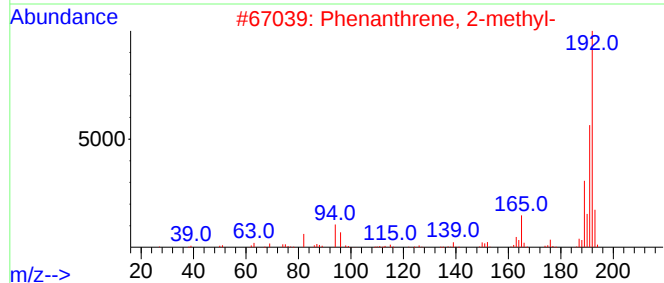
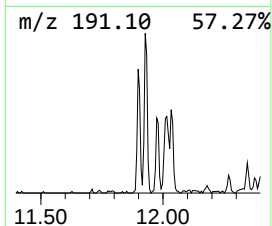
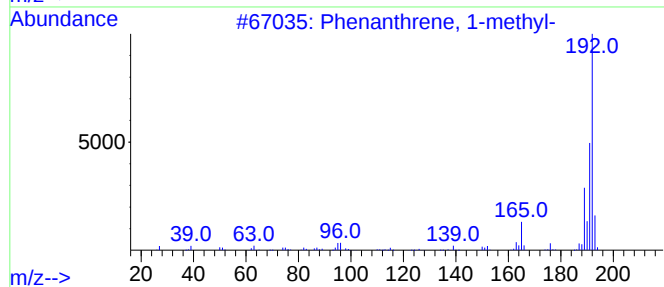
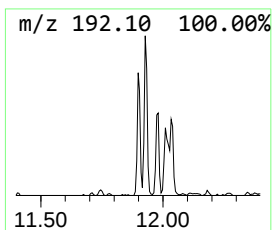
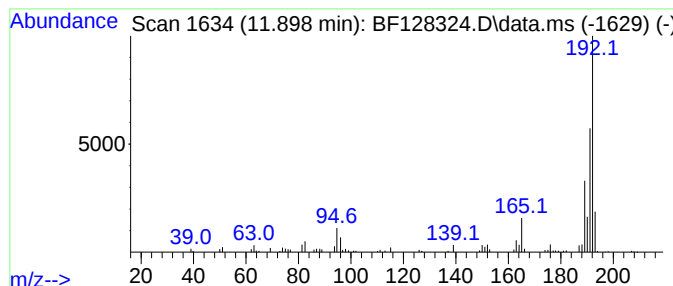
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	3.24 ng	86990	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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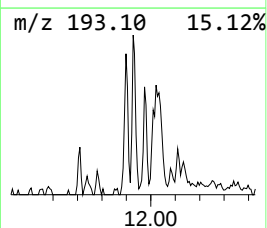
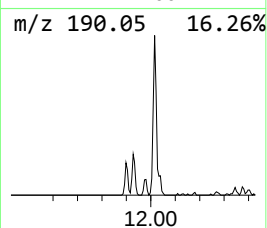
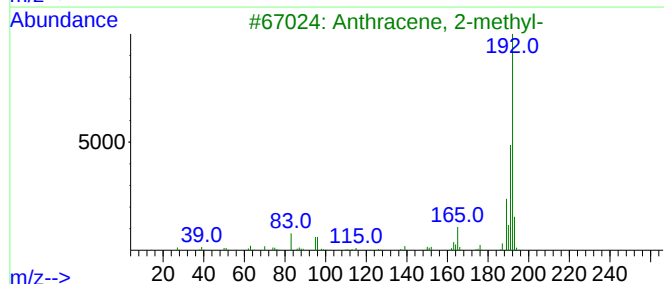
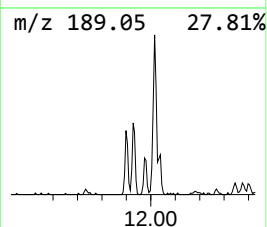
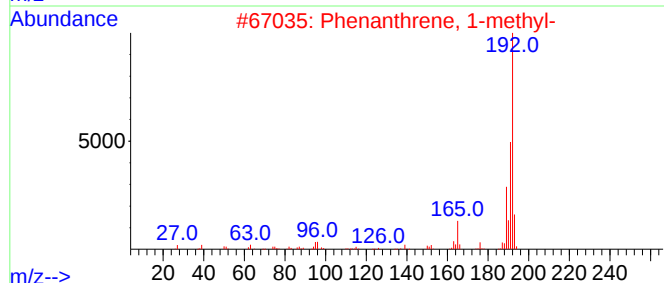
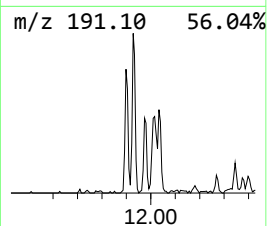
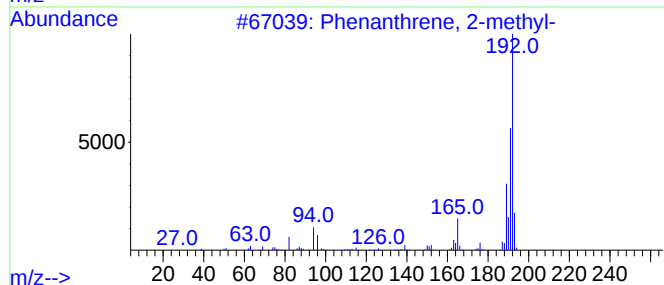
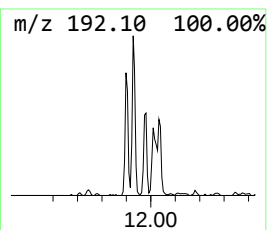
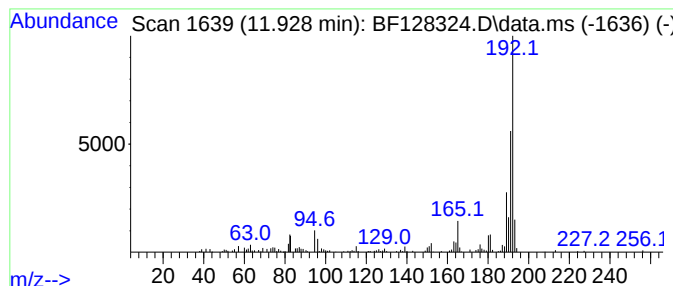
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	7.38 ng	198012	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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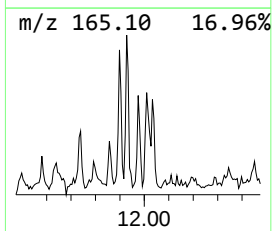
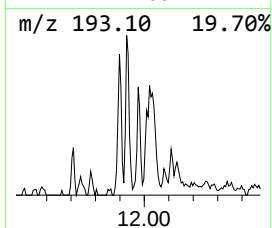
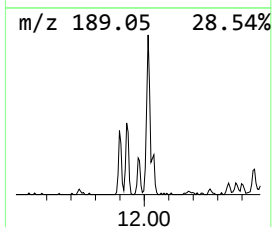
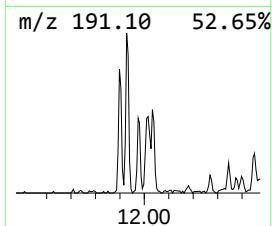
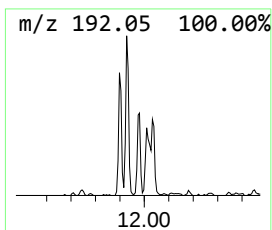
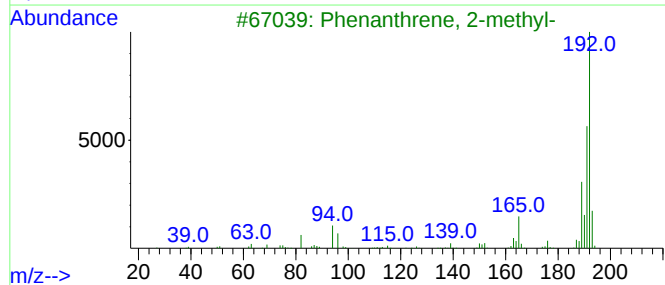
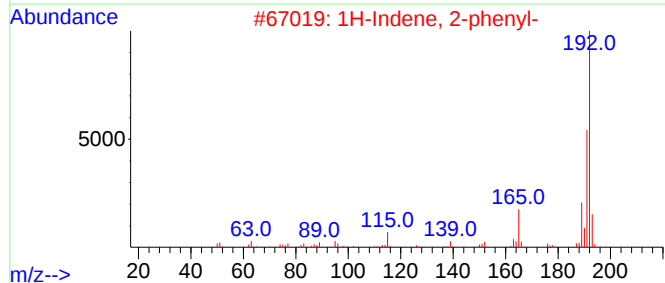
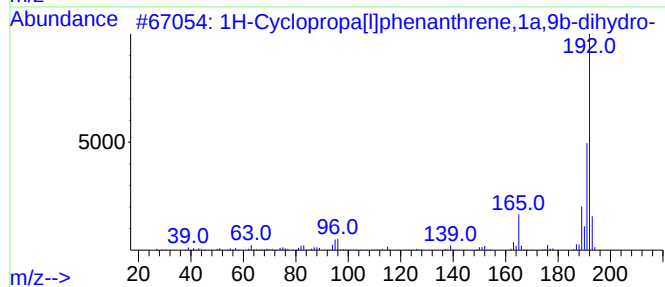
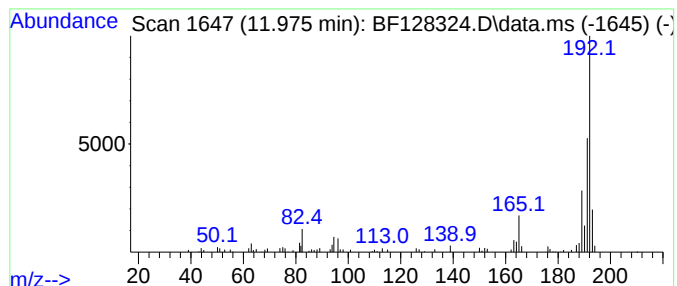
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.04 ng	54847	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BI-2

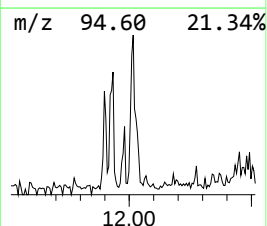
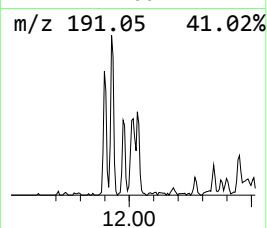
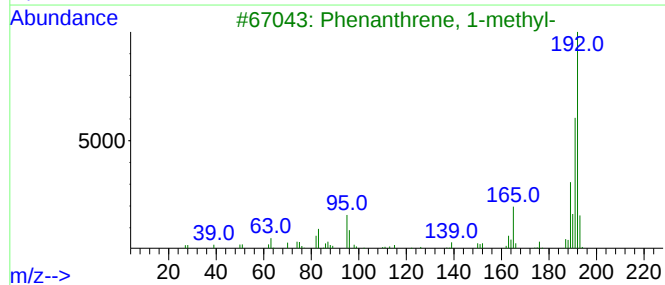
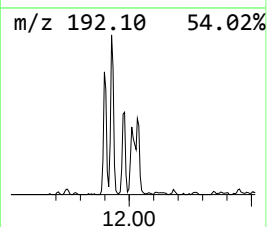
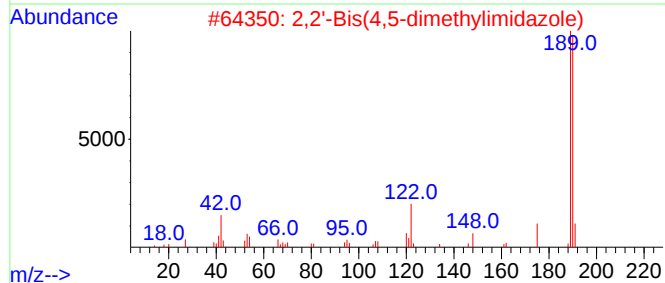
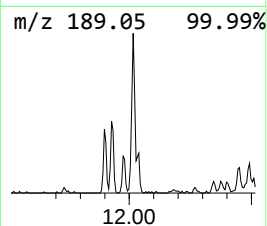
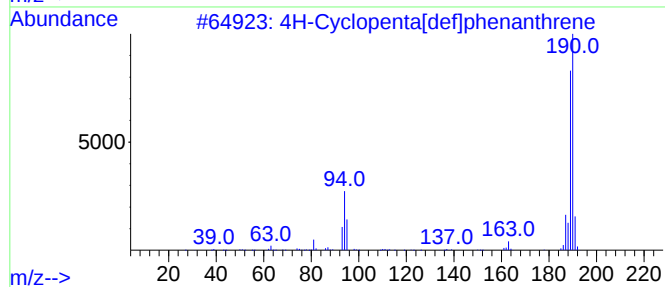
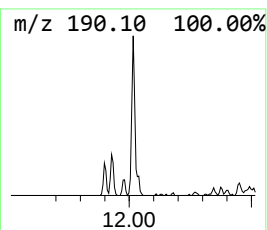
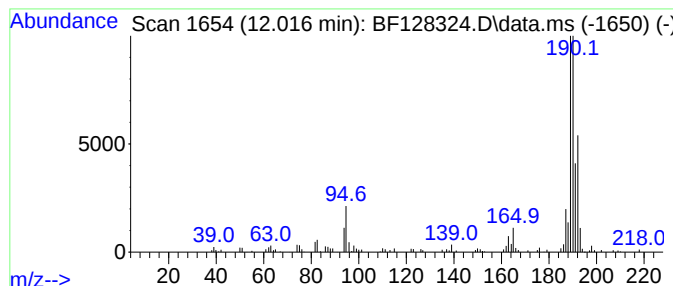
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	4.38 ng	117569	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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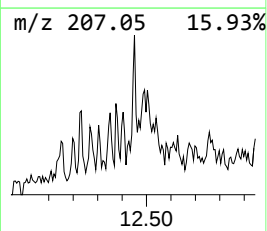
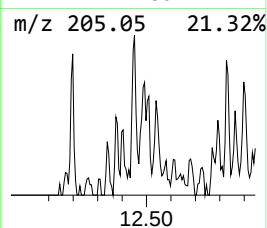
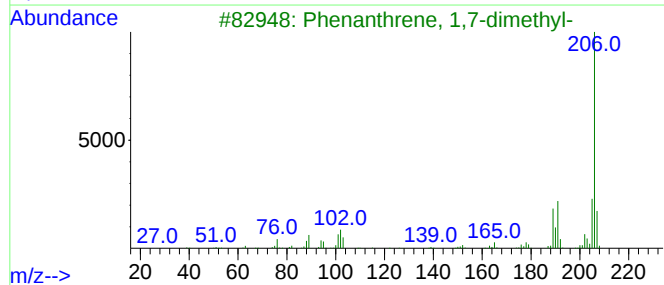
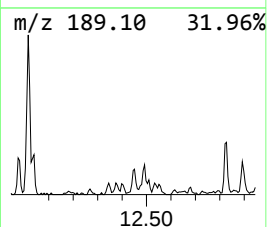
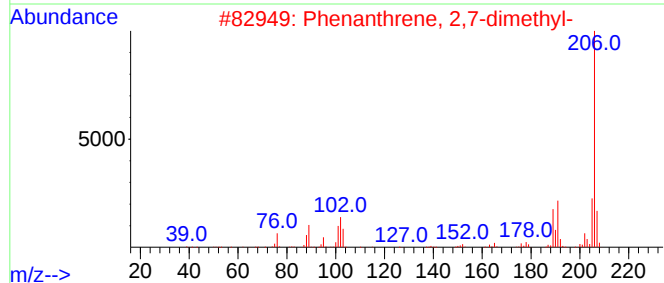
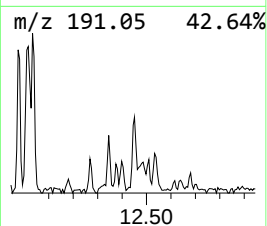
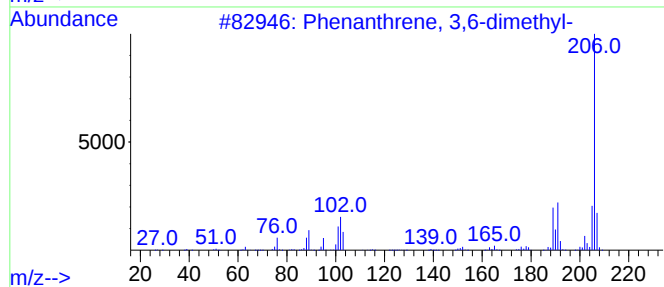
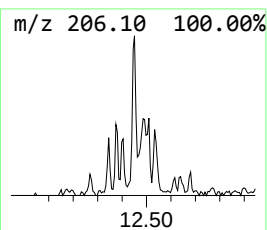
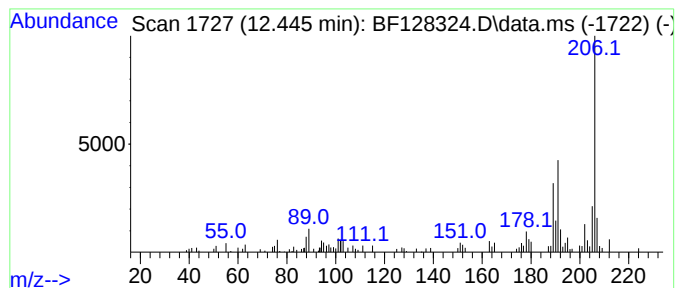
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	2.55 ng	68472	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
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Instrument :
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ClientSampleId :
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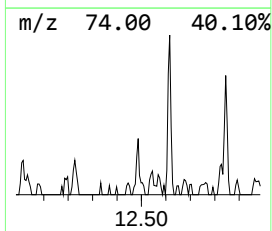
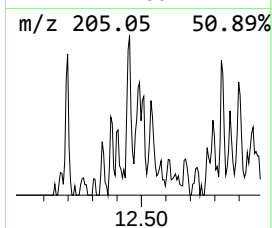
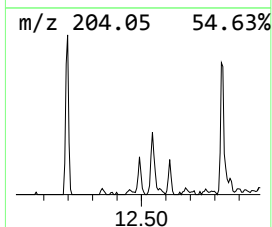
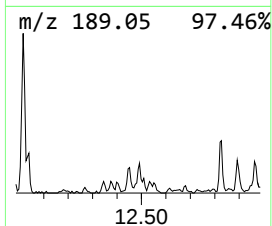
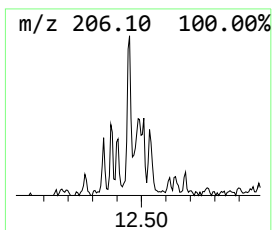
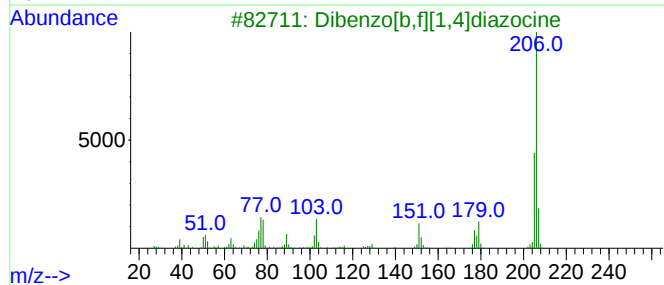
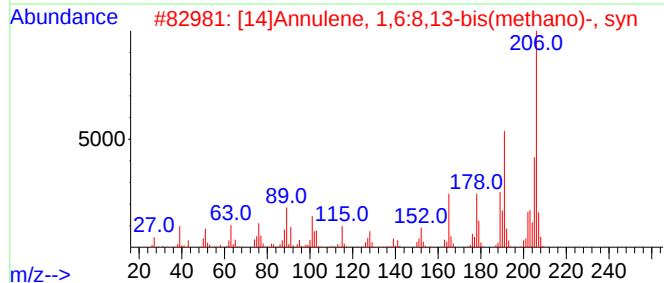
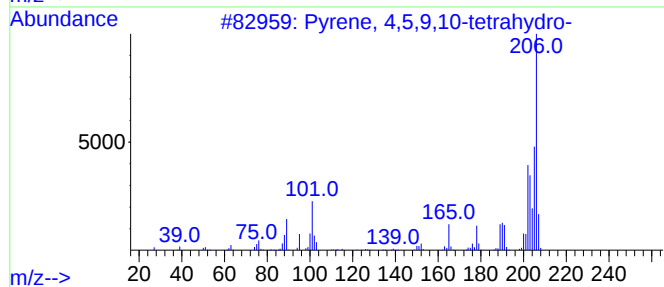
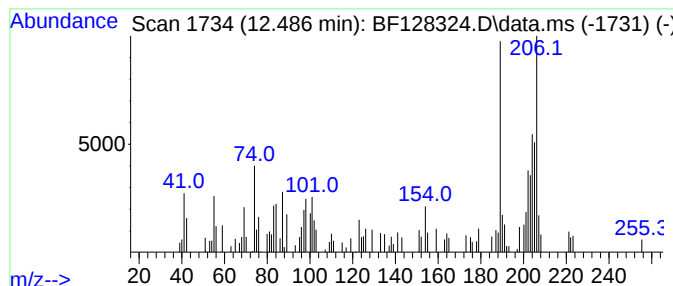
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.486 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.02 ng	54222	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
3			Dibenzo[b,f][1,4]diazocine	206	C14H10N2	000262-92-0	38
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30
5			Benzoic acid, m-[(dimethylamino...	206	C11H14N2O2	029366-18-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BI-2

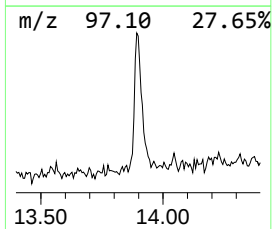
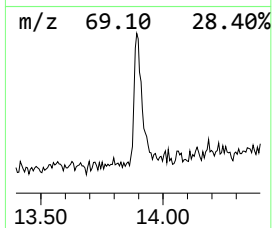
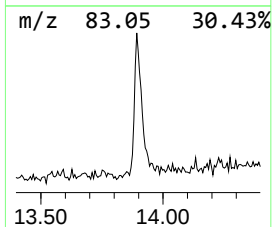
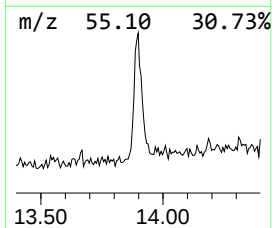
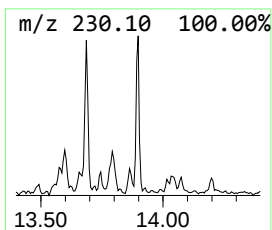
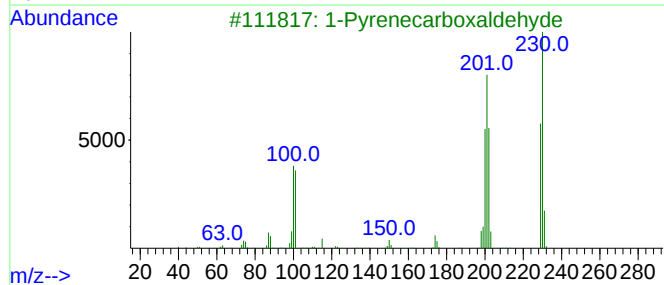
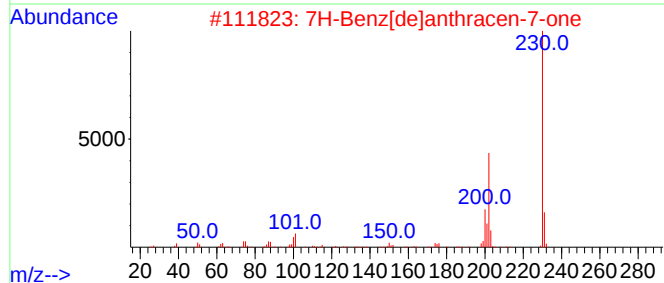
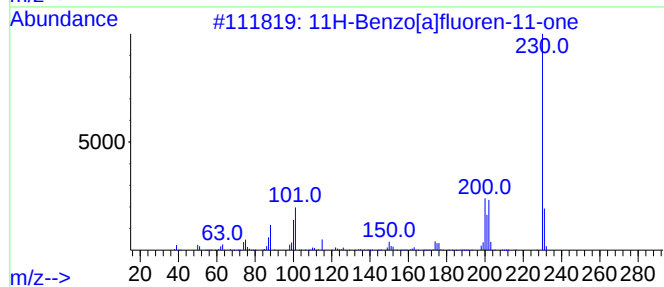
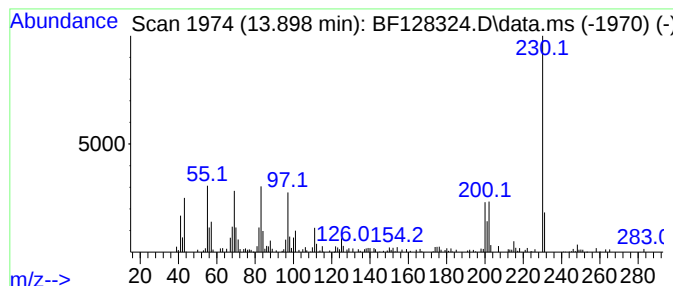
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.72 ng	163936	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	53
4			5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	38
5			p-Terphenyl	230	C18H14	000092-94-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

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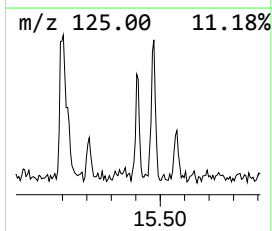
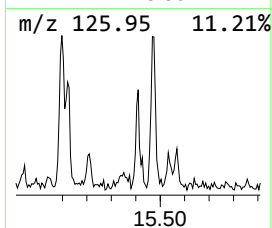
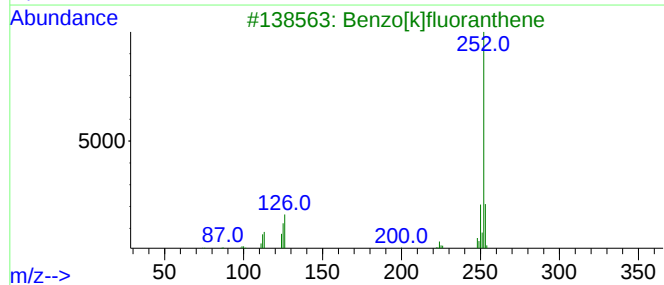
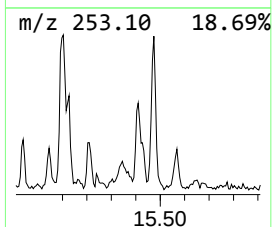
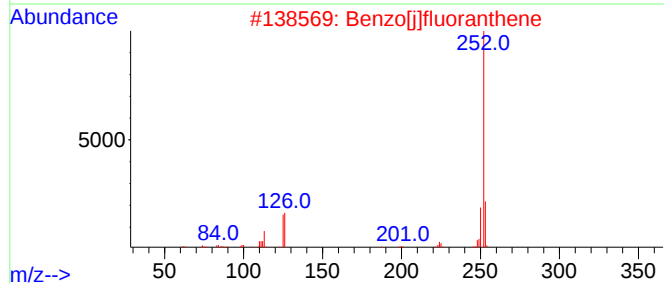
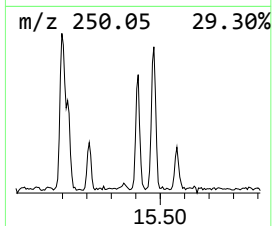
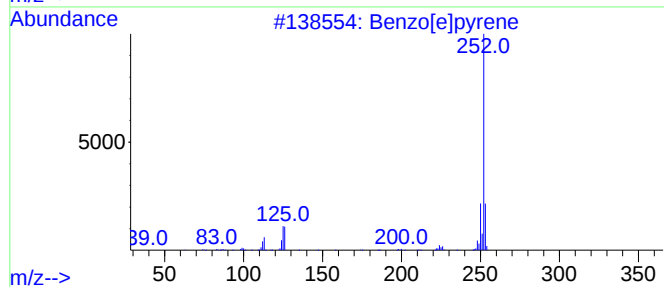
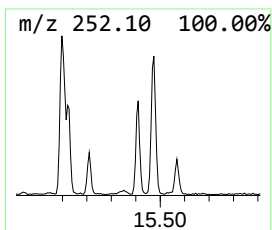
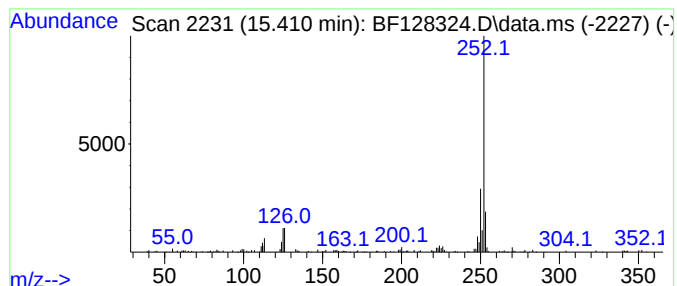
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	3.07 ng	83225	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
Data File : BF128324.D
Acq On : 18 May 2022 21:24
Operator : CG\JU
Sample : N2908-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BI-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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Phenanthrene, 1...	11.898	3.2	ng	86990	4	11.398	536729	20.0
Phenanthrene, 2...	11.928	7.4	ng	198012	4	11.398	536729	20.0
1H-Cyclopropa[l...	11.975	2.0	ng	54847	4	11.398	536729	20.0
4H-Cyclopenta[d...	12.016	4.4	ng	117569	4	11.398	536729	20.0
Phenanthrene, 3...	12.445	2.5	ng	68472	4	11.398	536729	20.0
unknown12.486	12.486	2.0	ng	54222	4	11.398	536729	20.0
11H-Benzo[a]flu...	13.898	4.7	ng	163936	5	14.045	694083	20.0
Benzo[e]pyrene	15.410	3.1	ng	83225	6	15.539	542485	20.0