

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128242.D
 Acq On : 13 May 2022 16:43
 Operator : CG\JU
 Sample : N2823-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-10

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: BF128242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	543	547	559	rBV	1398233	1236577	16.97%	2.224%
2	5.828	598	602	617	rBV	80086	77894	1.07%	0.140%
3	6.516	714	719	735	rBV	1199601	1365663	18.74%	2.456%
4	6.887	778	782	785	rBV	443667	385851	5.29%	0.694%
5	7.040	804	808	817	rBV	480071	400512	5.50%	0.720%
6	7.451	873	878	881	rBV	1026980	885165	12.15%	1.592%
7	8.063	979	982	990	rBV2	73822	80422	1.10%	0.145%
8	8.169	996	1000	1002	rBV	598549	510955	7.01%	0.919%
9	9.110	1157	1160	1166	rBV	136549	129547	1.78%	0.233%
10	9.245	1175	1183	1186	rBV	1744035	1792336	24.59%	3.223%
11	9.663	1251	1254	1260	rBV2	63635	89126	1.22%	0.160%
12	9.922	1295	1298	1302	rVB	662571	584022	8.01%	1.050%
13	10.128	1330	1333	1338	rBV	142159	124819	1.71%	0.224%
14	10.716	1424	1433	1439	rBV	1163783	1072029	14.71%	1.928%
15	10.922	1465	1468	1473	rVB	280491	221443	3.04%	0.398%
16	11.069	1490	1493	1497	rVB	114625	104501	1.43%	0.188%
17	11.245	1516	1523	1525	rBV	4095937	5226726	71.72%	9.398%
18	11.316	1532	1535	1541	rVB	162697	161013	2.21%	0.290%
19	11.422	1545	1553	1554	rBV	583495	566803	7.78%	1.019%
20	11.451	1554	1558	1561	rVB	3483946	3818403	52.40%	6.866%
21	11.480	1561	1563	1568	rVB	534897	464458	6.37%	0.835%
22	11.528	1568	1571	1576	rVB	276920	245346	3.37%	0.441%
23	11.598	1580	1583	1586	rBV	204264	151002	2.07%	0.272%
24	11.633	1586	1589	1590	rBV	407386	342849	4.70%	0.616%
25	11.651	1590	1592	1596	rVB	834627	711944	9.77%	1.280%
26	11.692	1596	1599	1601	rBV2	180046	162571	2.23%	0.292%
27	11.757	1606	1610	1614	rVB	656152	583657	8.01%	1.050%
28	11.810	1614	1619	1624	rBV	182669	191228	2.62%	0.344%
29	11.875	1627	1630	1633	rBV	253764	224511	3.08%	0.404%
30	11.922	1633	1638	1640	rVV	600880	602288	8.26%	1.083%
31	11.951	1640	1643	1645	rVV	743421	646972	8.88%	1.163%
32	12.028	1652	1656	1658	rBV2	270623	247485	3.40%	0.445%
33	12.057	1658	1661	1664	rVB	323247	301927	4.14%	0.543%
34	12.104	1666	1669	1671	rBV	341794	305385	4.19%	0.549%
35	12.216	1684	1688	1691	rBV	672871	611777	8.39%	1.100%
36	12.269	1691	1697	1700	rVB	3491875	5410026	74.24%	9.728%

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Integrator: RTE

Smoothing : ON

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Sampling : 1

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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

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37	12.363	1709	1713	1716	rBV4	98727	140921	1.93%	0.253%
38	12.392	1716	1718	1721	rVV	82675	82907	1.14%	0.149%
39	12.469	1726	1731	1733	rBV	120985	161231	2.21%	0.290%
40	12.492	1733	1735	1739	rVB	518296	408100	5.60%	0.734%

41	12.580	1744	1750	1753	rBV	1918771	2244613	30.80%	4.036%
42	12.657	1756	1763	1766	rVV	4924995	7287646	100.00%	13.104%
43	12.698	1768	1770	1774	rVB	84449	75205	1.03%	0.135%
44	12.775	1779	1783	1786	rVV	386051	466831	6.41%	0.839%
45	12.810	1786	1789	1790	rVV	334454	346250	4.75%	0.623%

46	12.827	1790	1792	1794	rVV	446705	382413	5.25%	0.688%
47	12.880	1794	1801	1804	rVV2	3416720	4935910	67.73%	8.876%
48	12.910	1804	1806	1810	rVB	180897	169674	2.33%	0.305%
49	13.004	1815	1822	1824	rBV2	1451196	1528597	20.98%	2.749%
50	13.022	1824	1825	1828	rVB2	122177	79272	1.09%	0.143%

51	13.086	1831	1836	1839	rBV3	160284	256634	3.52%	0.461%
52	13.169	1846	1850	1855	rBV2	121388	196221	2.69%	0.353%
53	13.216	1855	1858	1860	rBV	349035	279969	3.84%	0.503%
54	13.292	1867	1871	1876	rVB2	143692	192700	2.64%	0.347%
55	13.416	1889	1892	1899	rVB4	43478	79095	1.09%	0.142%

56	13.557	1913	1916	1921	rVV	305111	263374	3.61%	0.474%
57	13.698	1937	1940	1945	rVB	343760	315895	4.33%	0.568%
58	13.810	1955	1959	1961	rBV2	198623	193341	2.65%	0.348%
59	13.839	1961	1964	1966	rVV	112698	92178	1.26%	0.166%
60	13.863	1966	1968	1970	rVV	98914	99425	1.36%	0.179%

61	13.886	1970	1972	1974	rVV	339581	318700	4.37%	0.573%
62	13.910	1974	1976	1979	rVB	338727	275424	3.78%	0.495%
63	13.992	1986	1990	1992	rBV	100362	89808	1.23%	0.161%
64	14.022	1992	1995	1998	rVV	253547	249259	3.42%	0.448%
65	14.063	1998	2002	2004	rVV2	558059	757778	10.40%	1.363%

66	14.092	2004	2007	2010	rVV	963486	837276	11.49%	1.506%
67	14.204	2022	2026	2030	rBV	260522	228903	3.14%	0.412%
68	14.510	2070	2078	2081	rBV2	258547	309605	4.25%	0.557%
69	14.816	2127	2130	2135	rVB	187372	196876	2.70%	0.354%
70	15.116	2176	2181	2184	rBV	173736	266188	3.65%	0.479%

71	15.163	2186	2189	2196	rVB	174040	206820	2.84%	0.372%
72	15.427	2230	2234	2240	rVB	84369	119762	1.64%	0.215%
73	15.486	2240	2244	2250	rVB	93325	117044	1.61%	0.210%
74	15.551	2250	2255	2259	rBV2	431249	570628	7.83%	1.026%
75	15.992	2325	2330	2335	rBV	127454	183486	2.52%	0.330%

76	16.510	2412	2418	2425	rVB	83783	147078	2.02%	0.264%
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ClientSampleId :
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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	17.062	2507	2512	2517	rBV3	47448	101825	1.40%	0.183%
78	17.115	2517	2521	2531	rVB3	62651	133316	1.83%	0.240%
79	17.833	2637	2643	2652	rVB4	40266	104767	1.44%	0.188%
80	18.698	2782	2790	2799	rVB3	28088	82385	1.13%	0.148%

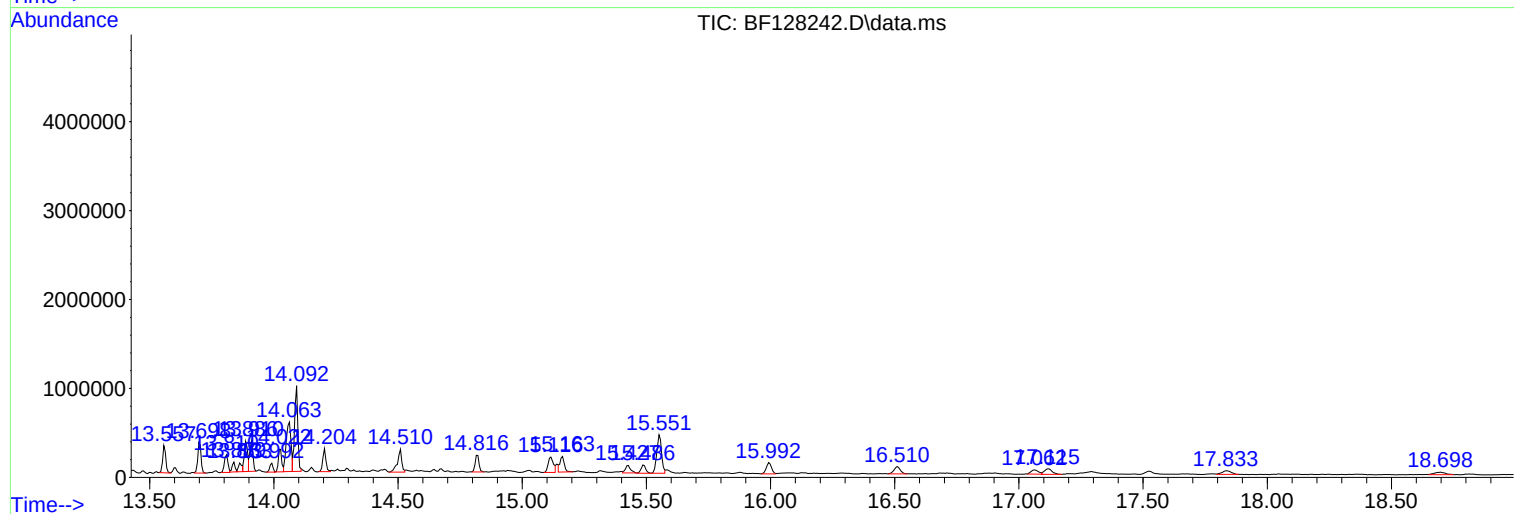
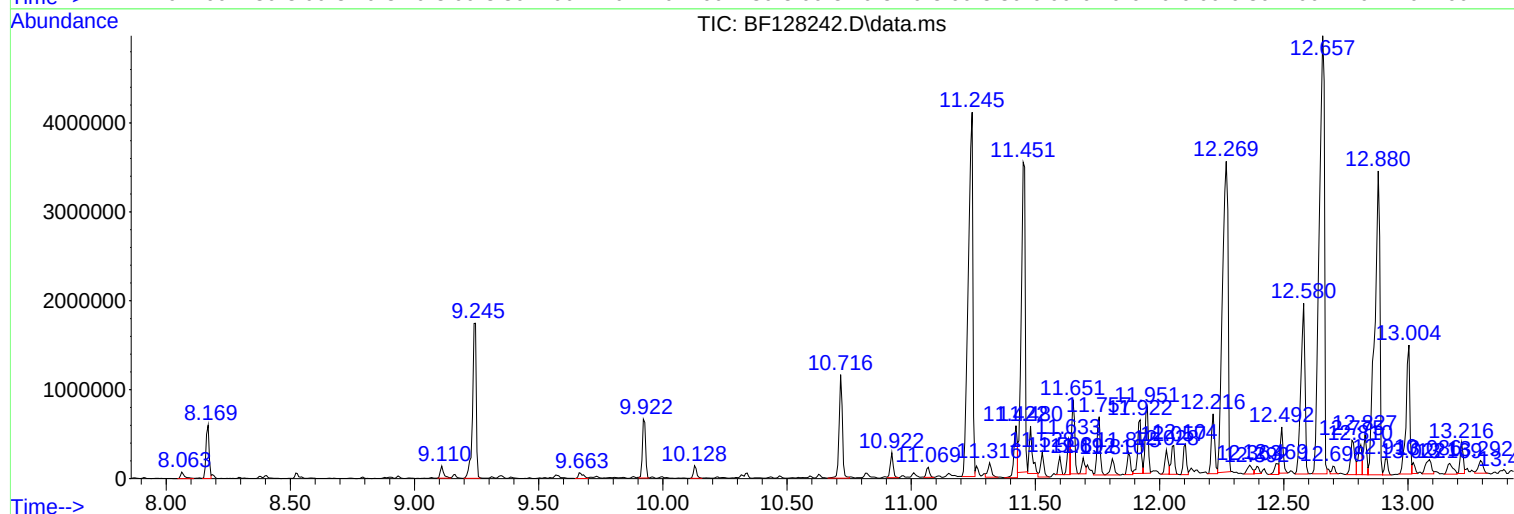
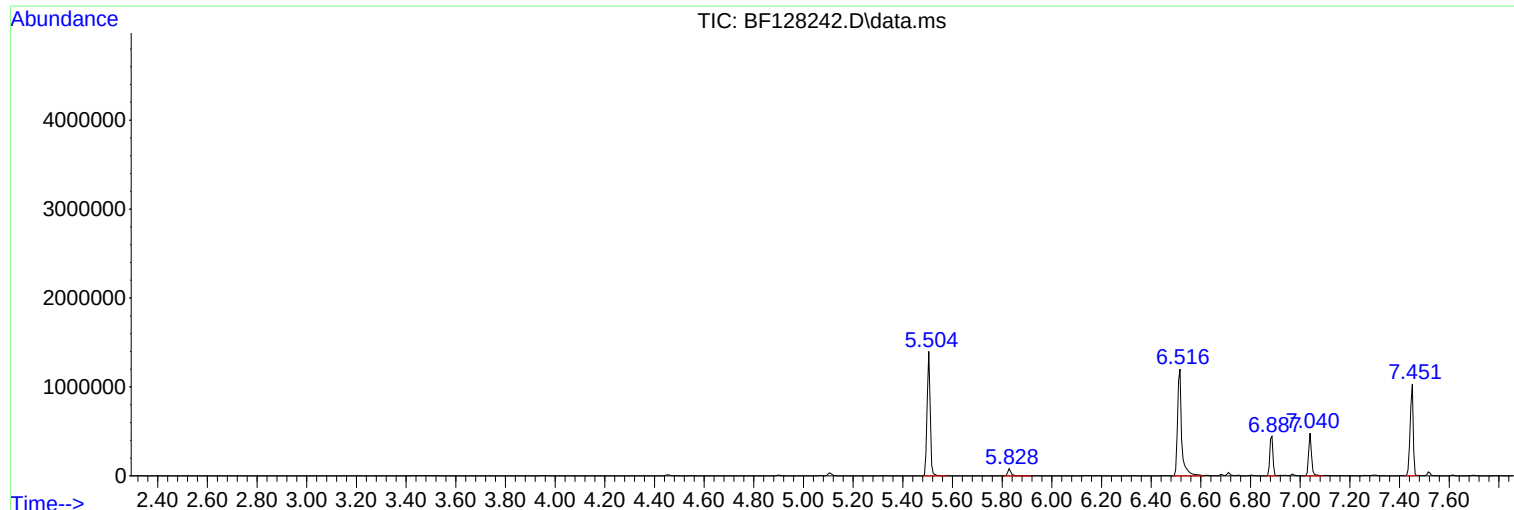
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Sample : N2823-10
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Instrument :
BNA_F
ClientSampleId :
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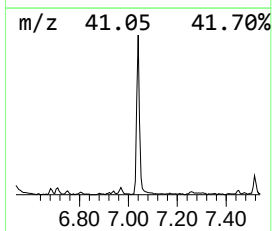
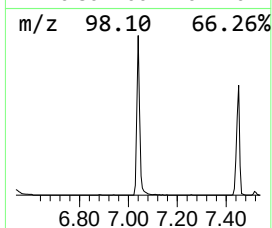
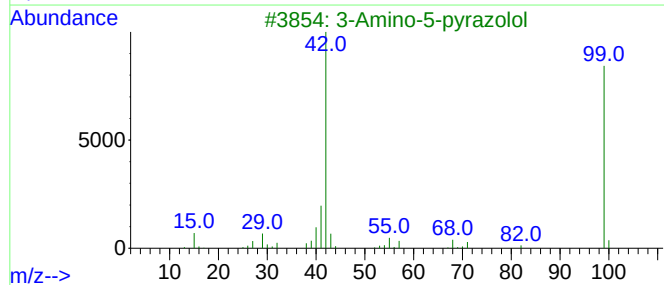
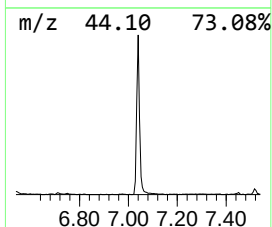
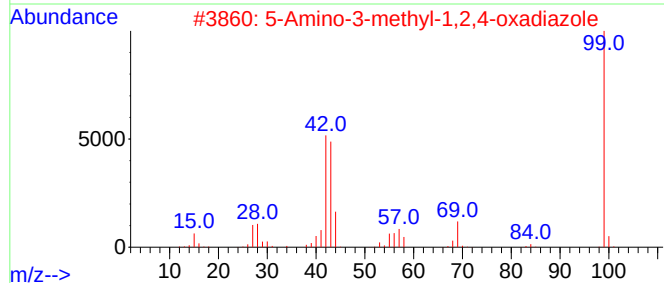
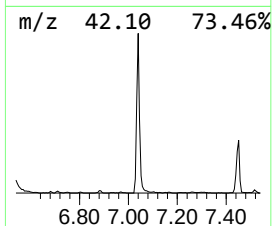
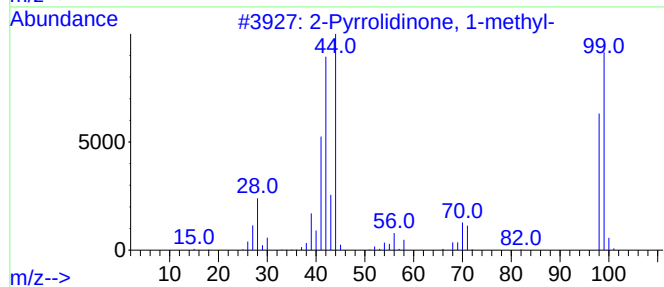
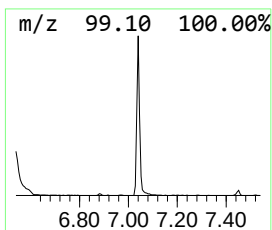
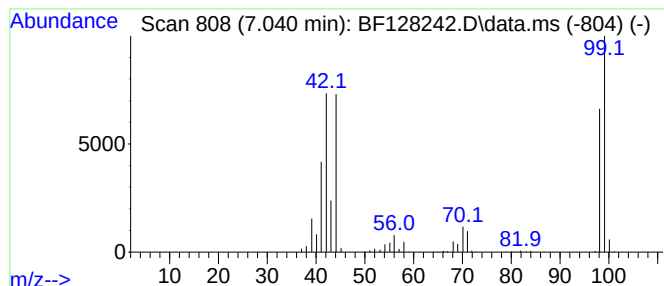
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pyrrolidinone, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	20.76 ng	400512	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-			99	C5H9NO	000872-50-4	97
2	5-Amino-3-methyl-1,2,4-oxadiazole			99	C3H5N3O	003663-39-6	50
3	3-Amino-5-pyrazolol			99	C3H5N3O	006126-22-3	47
4	4H-1,2,4-Triazol-3-amine, 4-methyl-			98	C3H6N4	016681-76-8	35
5	2,3-2H-4-Methyl-imidazole-2-one			98	C4H6N2O	039799-77-4	35



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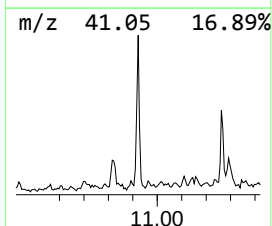
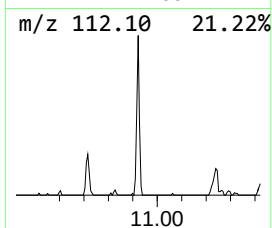
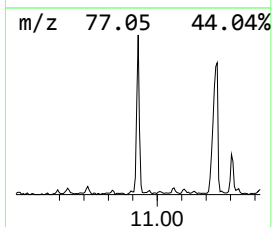
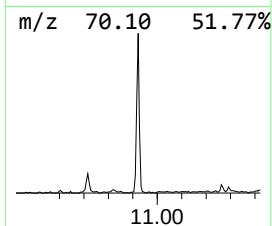
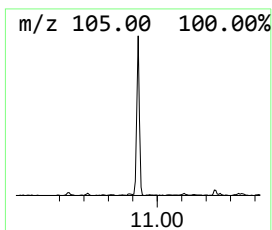
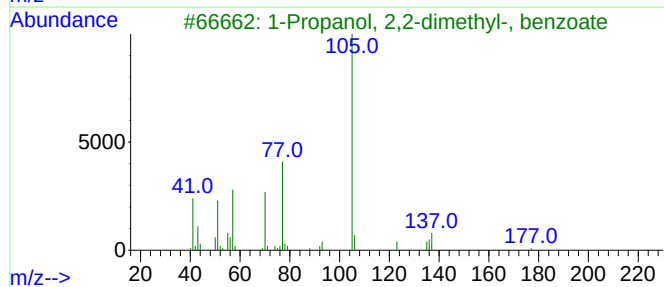
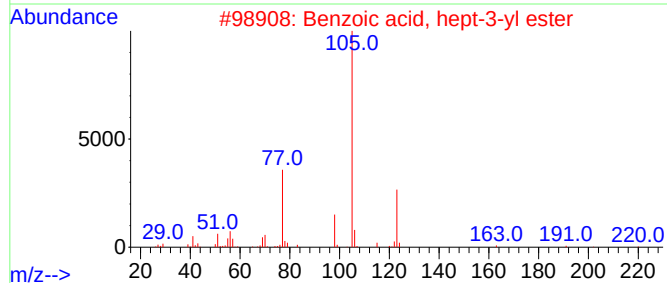
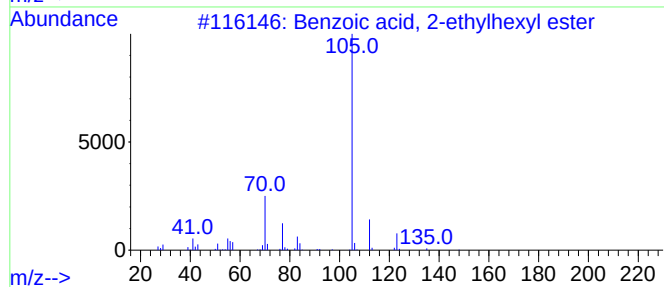
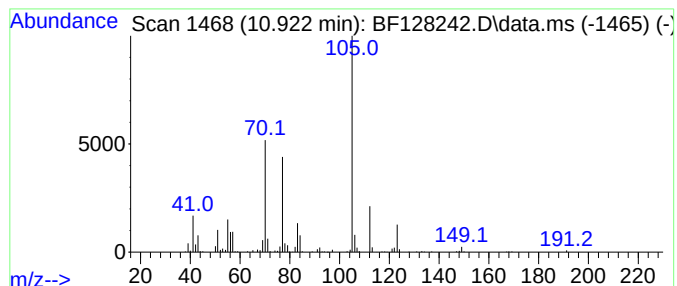
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzoic acid, 2-ethylhexyl ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	7.81 ng	221443	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-ethylhexyl ester	234	C15H22O2	005444-75-7	58
2			Benzoic acid, hept-3-yl ester	220	C14H20O2	1000368-76-7	43
3			1-Propanol, 2,2-dimethyl-, benzoate	192	C12H16O2	003581-70-2	43
4			Benzoic acid, 2-methylpropyl ester	178	C11H14O2	000120-50-3	38
5			Benzoic acid, hept-2-yl ester	220	C14H20O2	1000368-69-4	35



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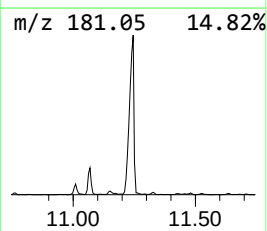
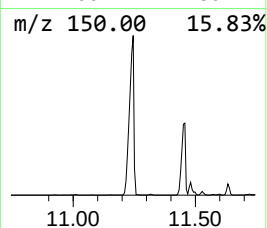
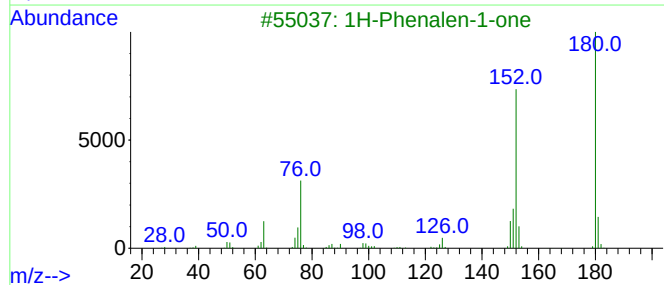
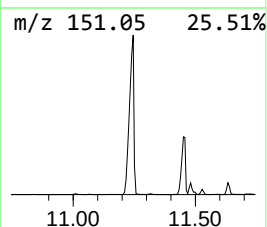
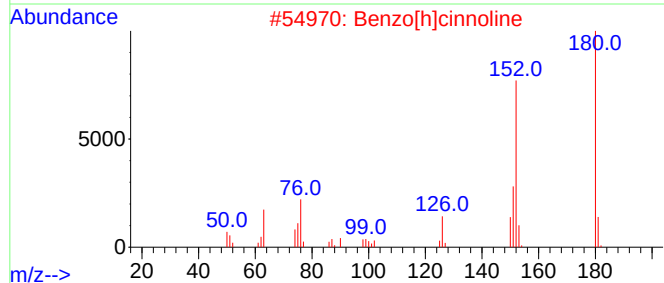
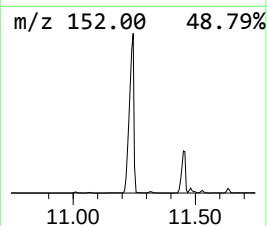
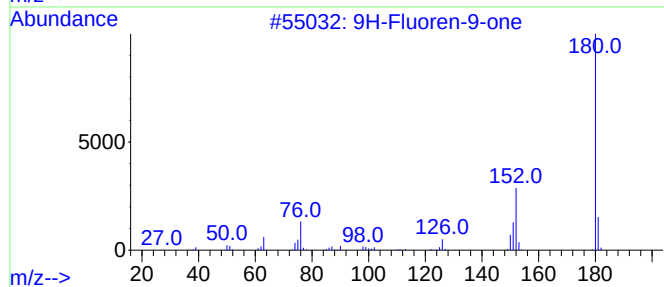
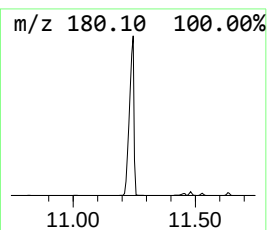
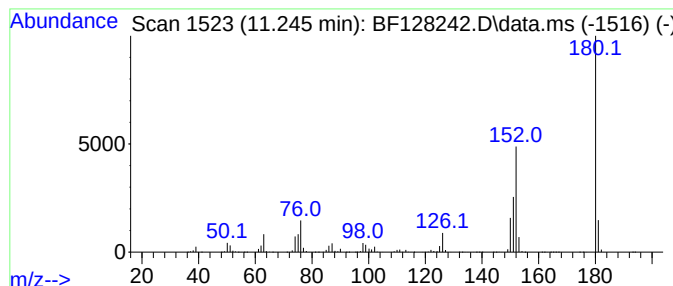
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	184.43 ng	5226730	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	62
4		Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50
5		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	49



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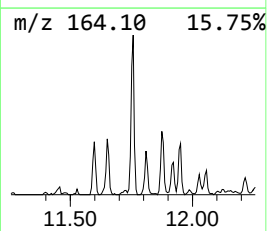
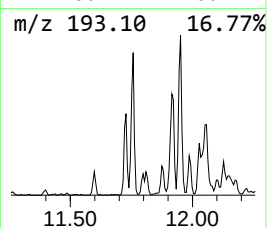
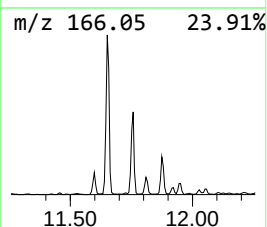
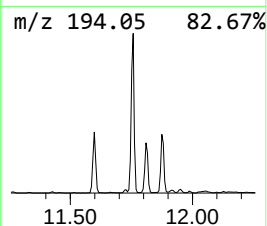
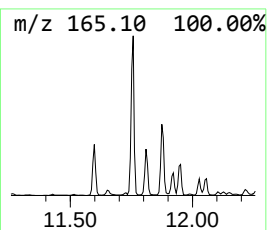
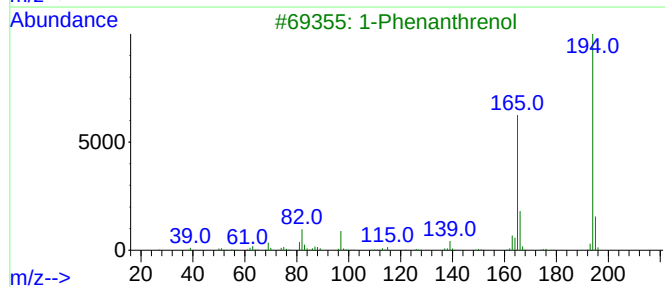
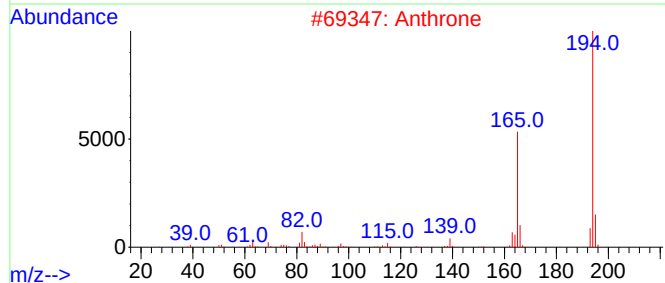
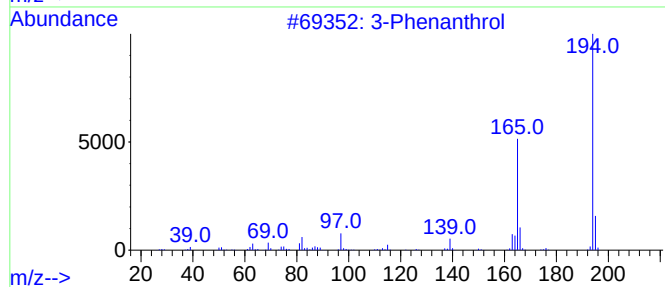
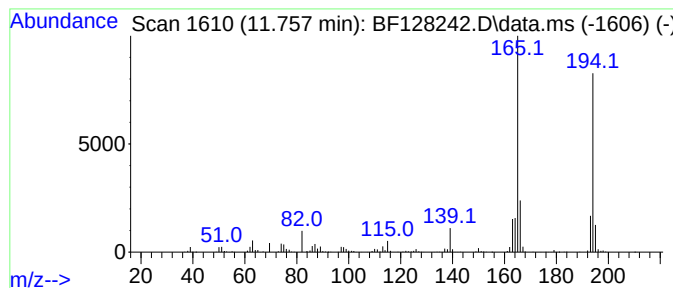
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 3-Phenanthrol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	20.59 ng	583657	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenanthrol	194	C14H10O	000605-87-8	94
2		Anthrone	194	C14H10O	000090-44-8	94
3		1-Phenanthrenol	194	C14H10O	002433-56-9	91
4		2-Phenanthrenol	194	C14H10O	000605-55-0	90
5		9-anthracenol	194	C14H10O	1000400-30-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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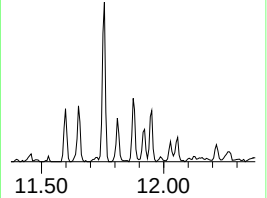
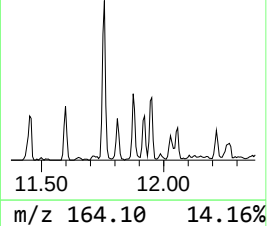
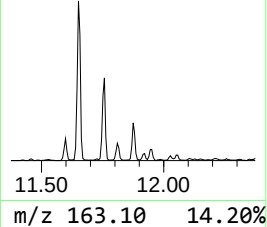
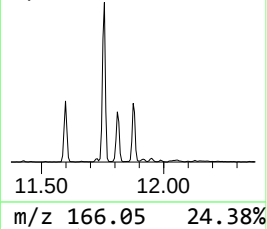
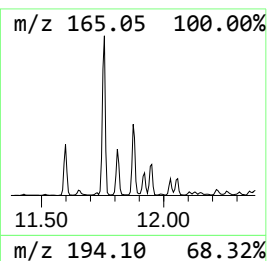
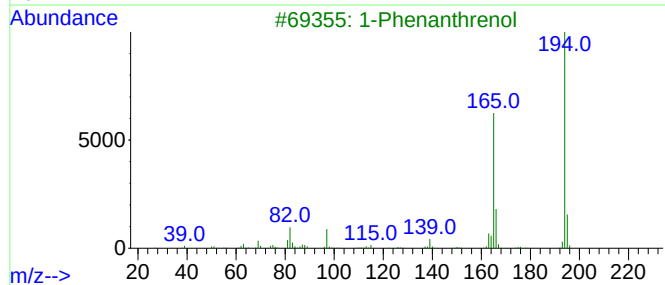
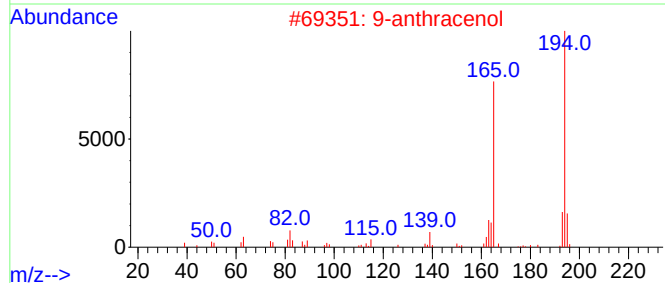
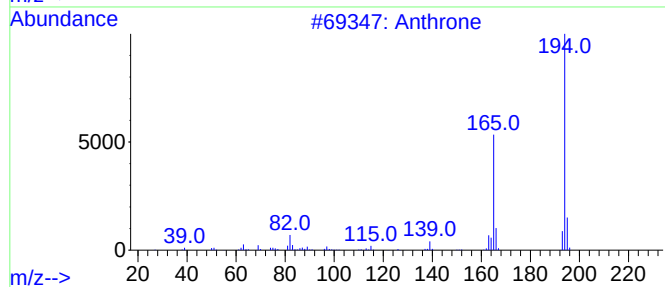
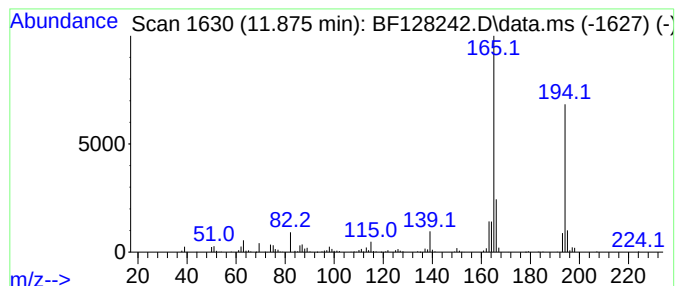
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthrone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	7.92 ng	224511	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	94
2			9-anthracenol	194	C14H10O	1000400-30-3	91
3			1-Phenanthrenol	194	C14H10O	002433-56-9	91
4			9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	91
5			3-Phenanthrol	194	C14H10O	000605-87-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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ClientSampleId :
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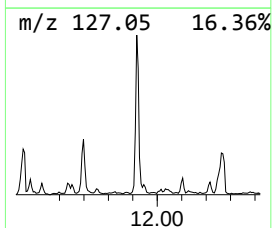
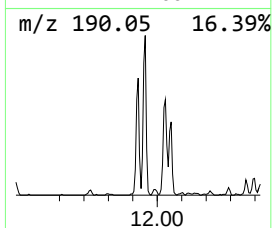
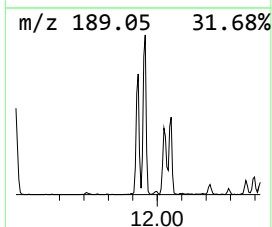
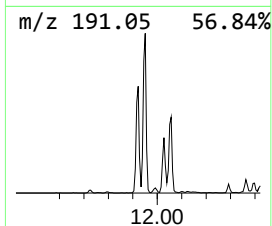
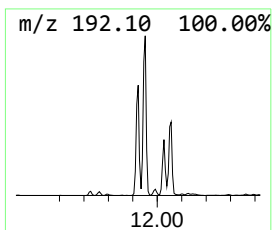
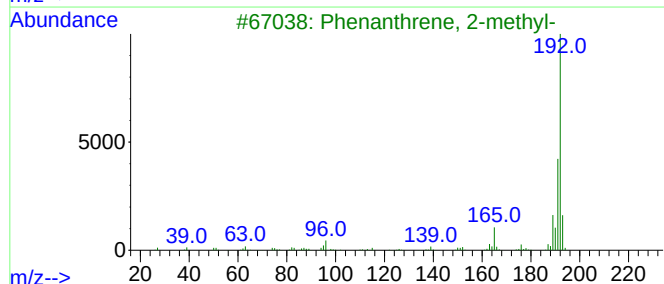
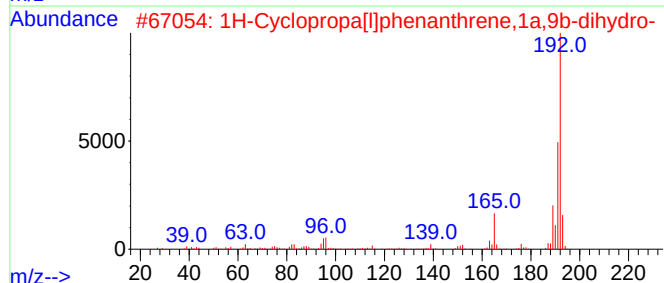
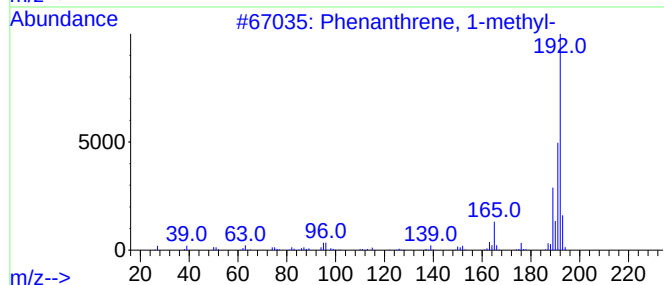
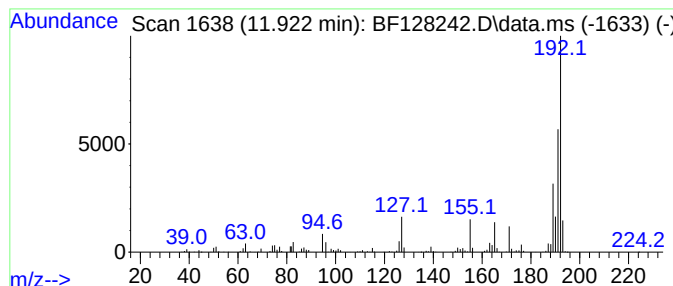
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	21.25 ng	602288	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
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Sample : N2823-10
Misc :
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Instrument :
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ClientSampleId :
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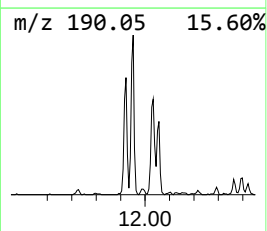
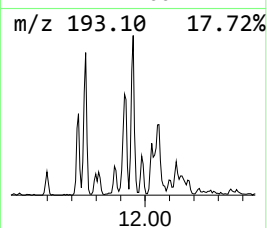
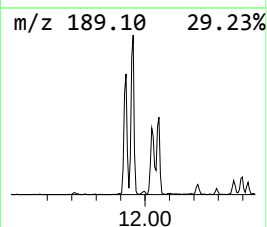
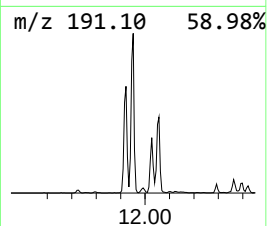
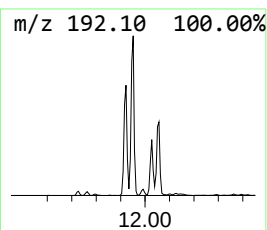
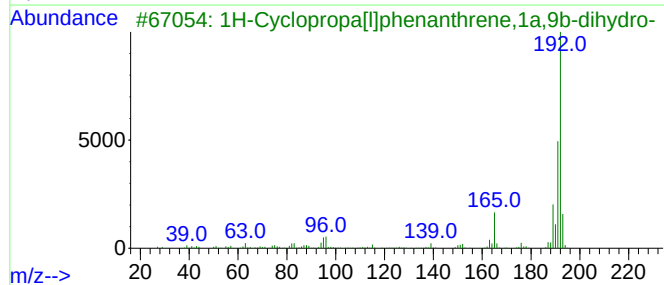
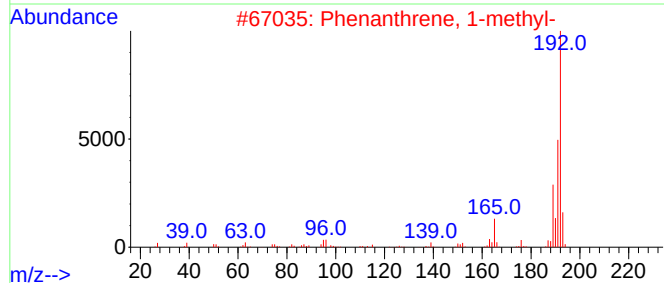
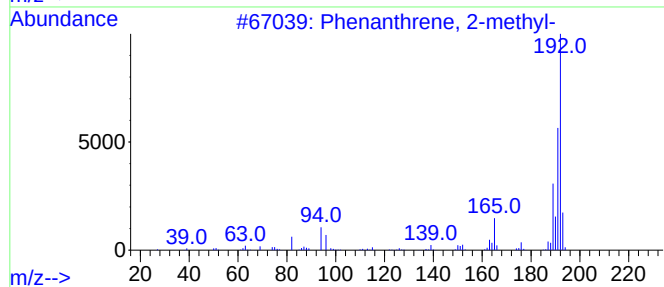
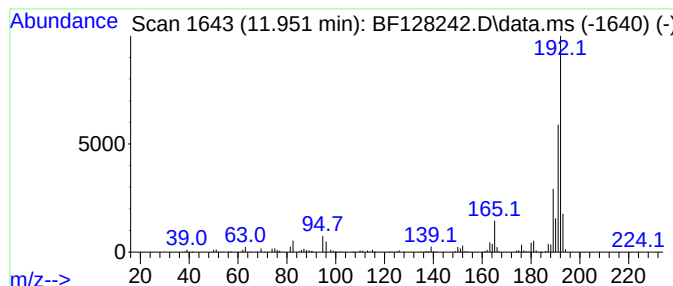
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	22.83 ng	646972	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Acq On : 13 May 2022 16:43
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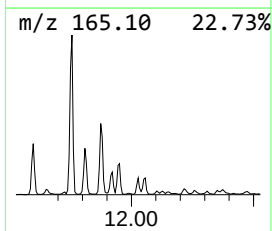
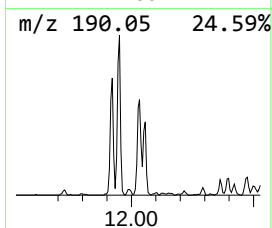
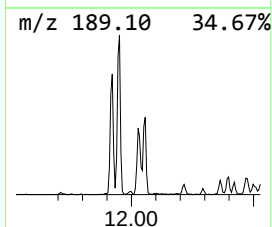
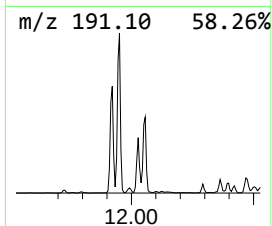
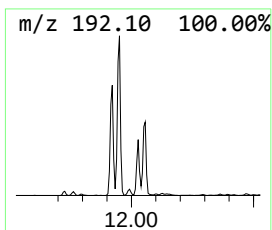
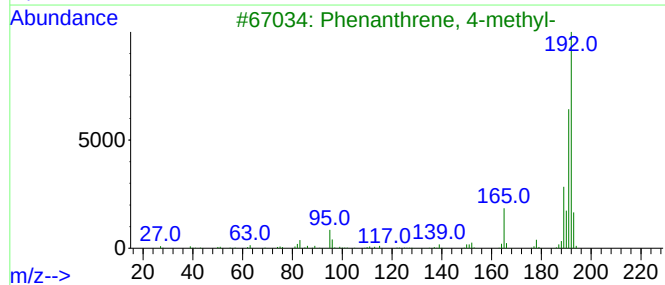
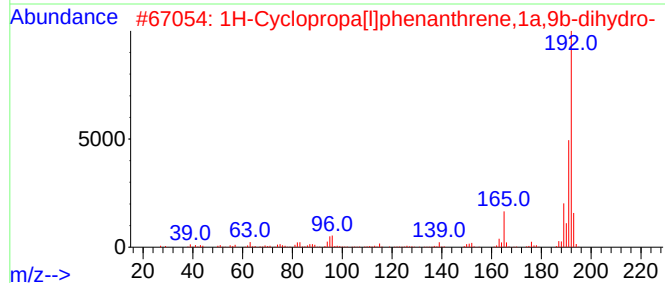
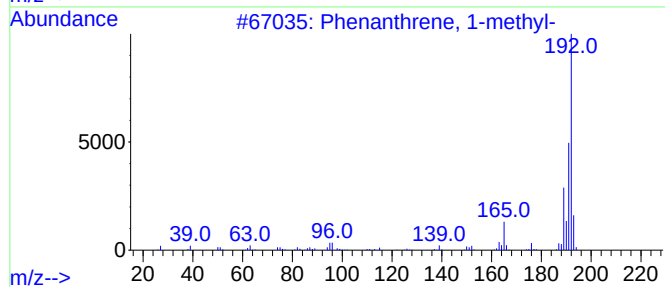
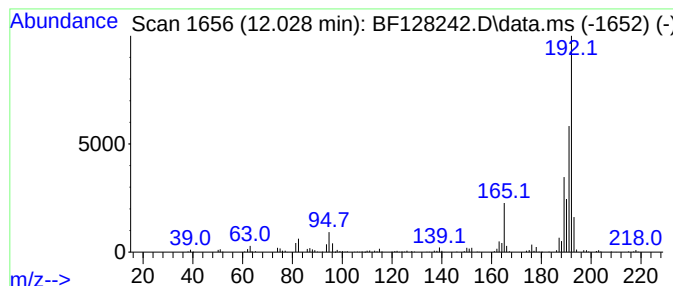
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	8.73 ng	247485	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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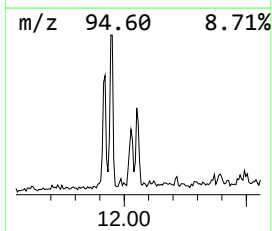
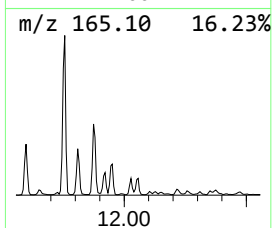
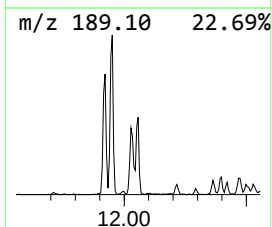
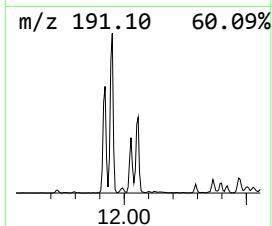
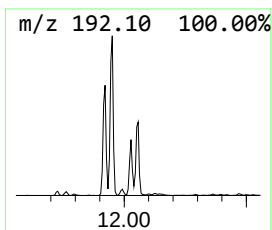
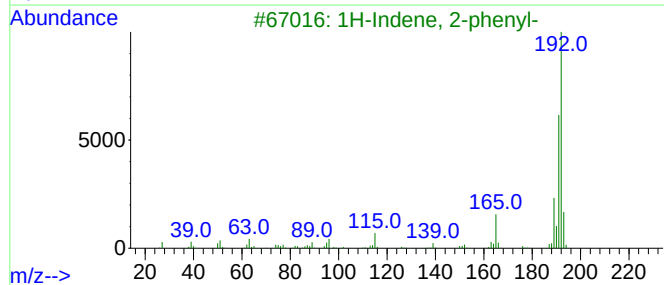
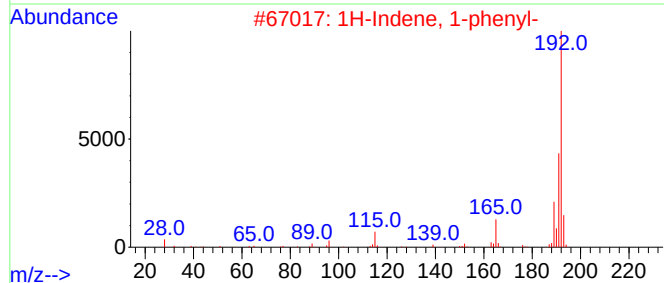
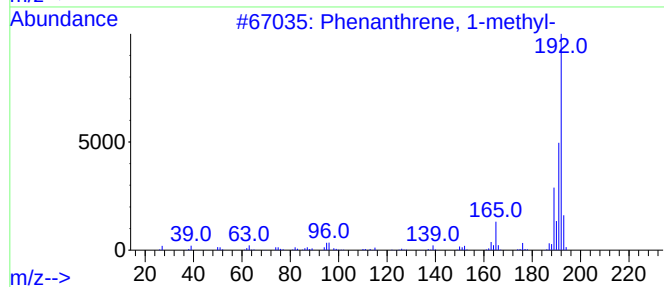
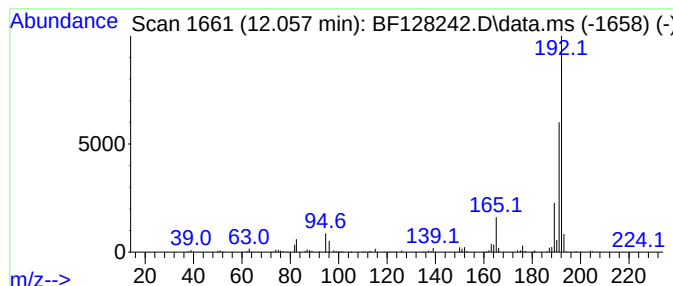
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.057	10.65 ng	301927	Phenanthrene-d10		11.422	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	93
2	1H-Indene, 1-phenyl-		192	C15H12	001961-96-2	81
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	81
4	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	74
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Acq On : 13 May 2022 16:43
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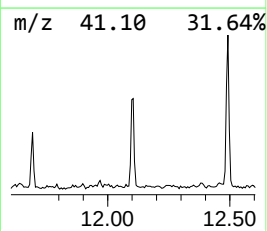
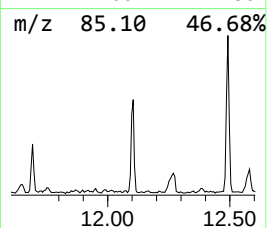
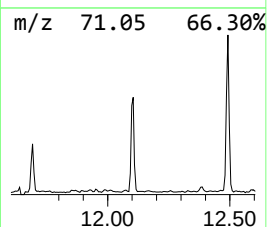
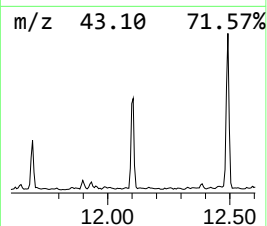
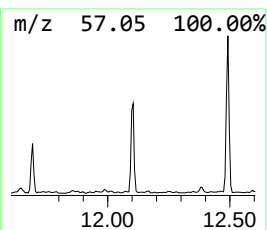
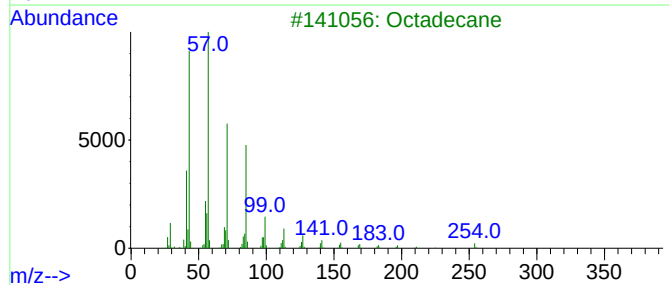
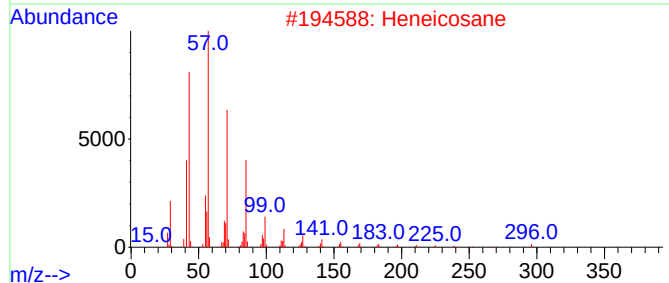
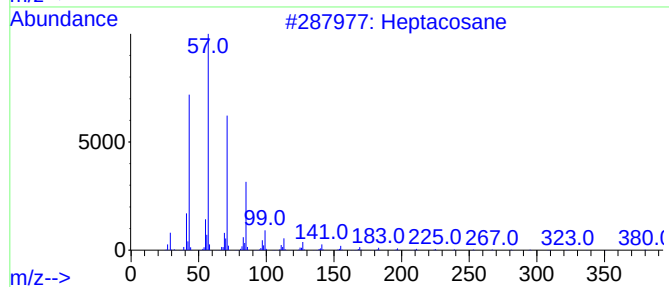
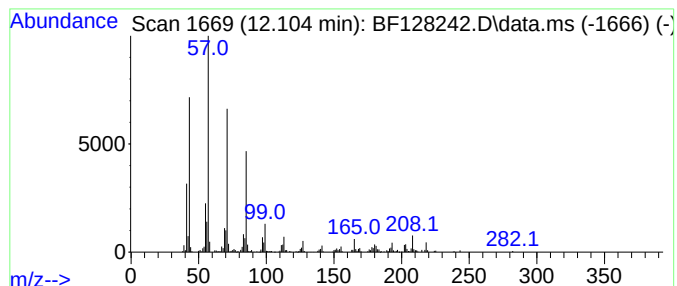
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	10.78 ng	305385	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	81
2			Heneicosane	296	C21H44	000629-94-7	81
3			Octadecane	254	C18H38	000593-45-3	81
4			Tetradecane	198	C14H30	000629-59-4	74
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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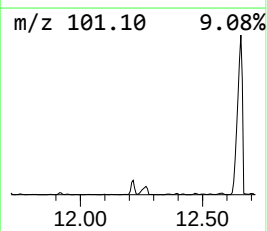
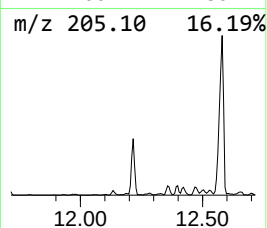
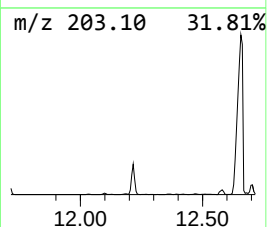
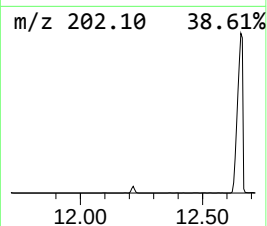
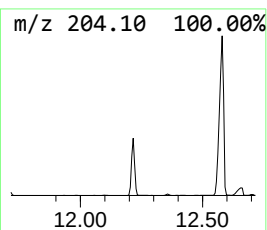
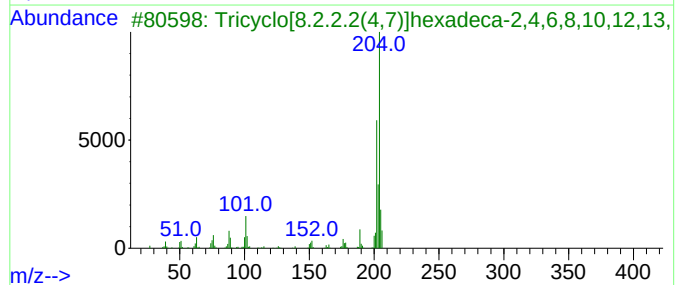
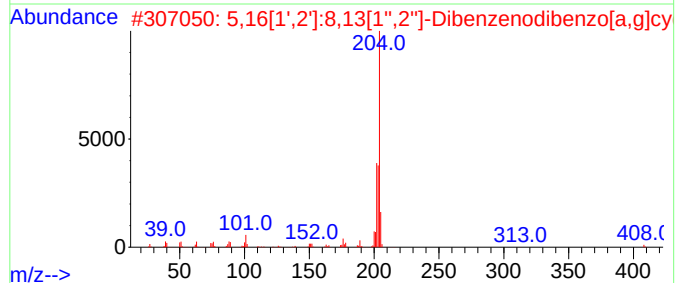
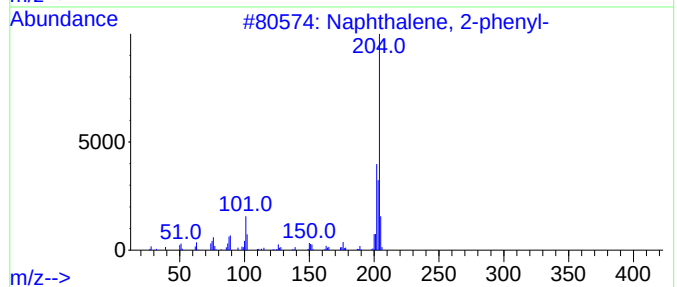
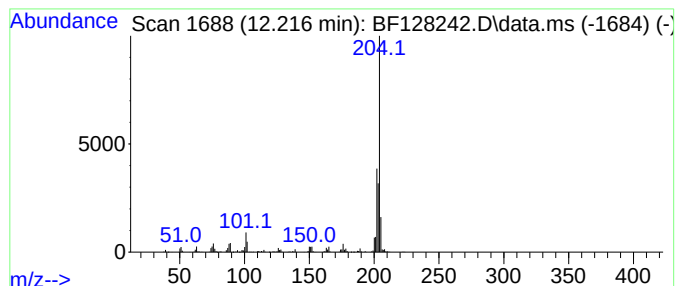
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	21.59 ng	611777	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	60
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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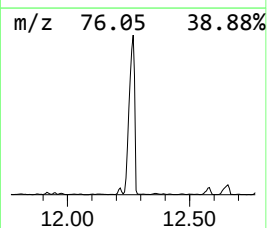
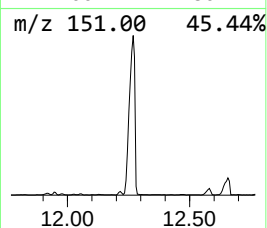
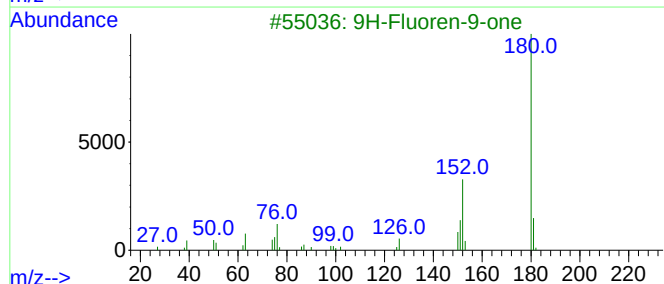
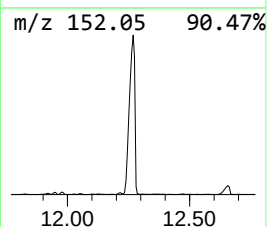
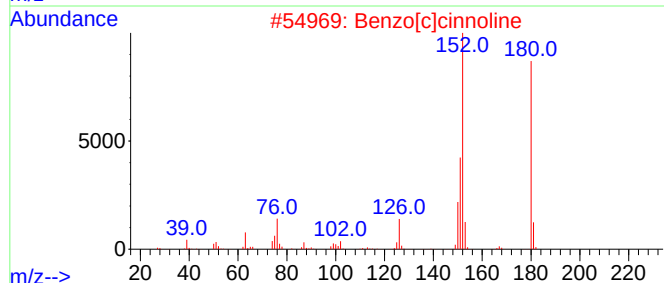
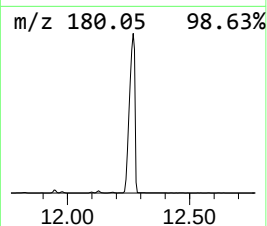
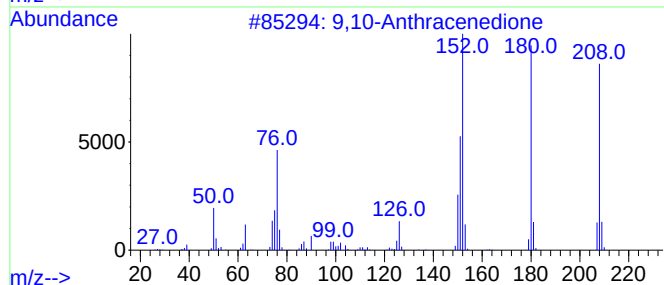
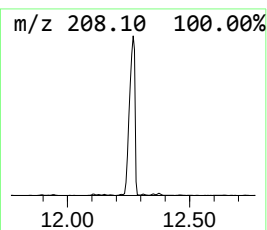
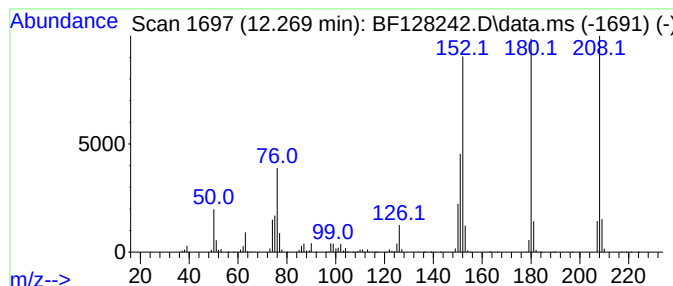
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.269	190.90 ng	5410030	Phenanthrene-d10		11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99	
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93	
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90	
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	78	
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64	



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Misc :
ALS Vial : 8 Sample Multiplier: 1

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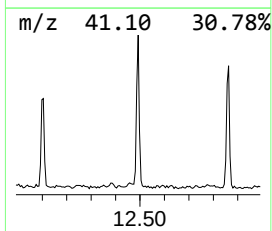
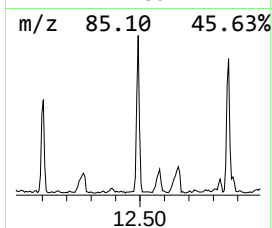
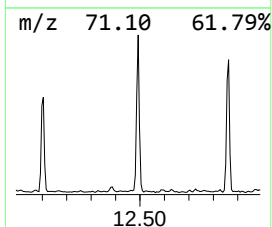
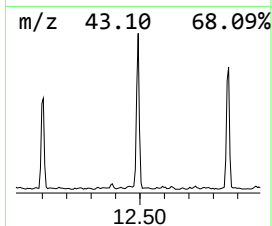
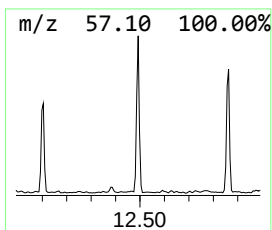
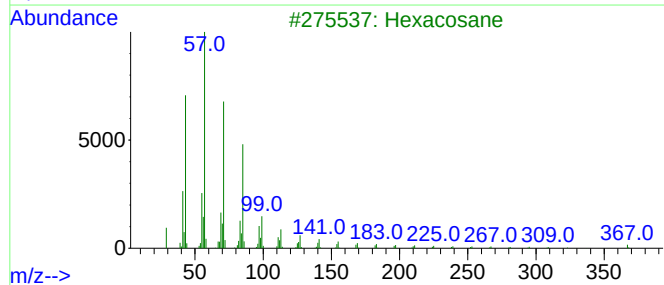
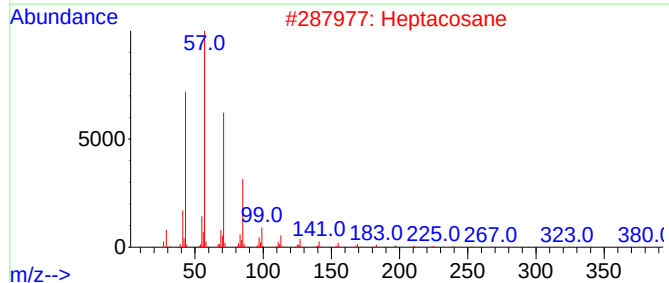
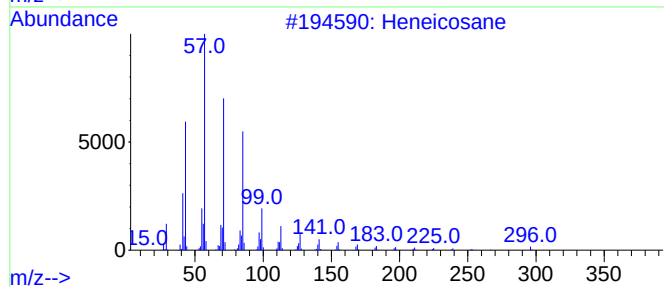
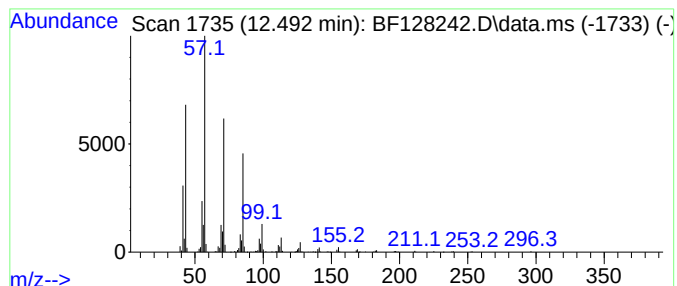
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	14.40 ng	408100	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Heptacosane	380	C27H56	000593-49-7	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
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Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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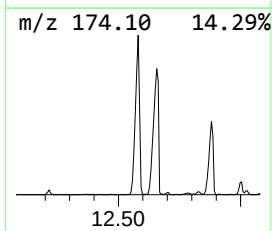
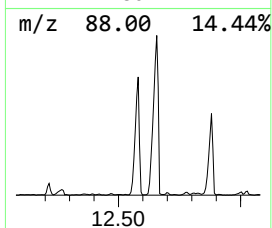
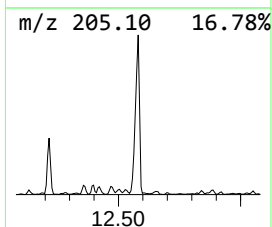
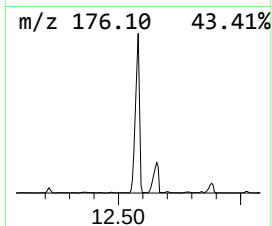
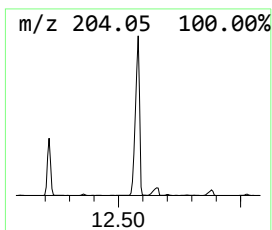
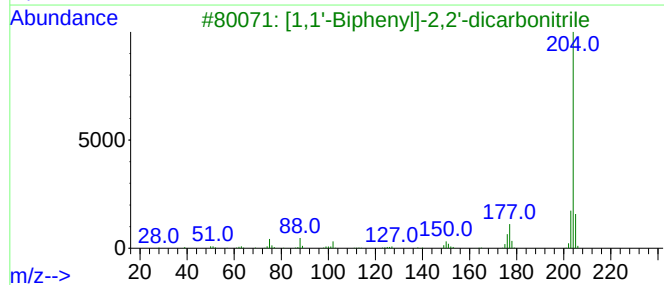
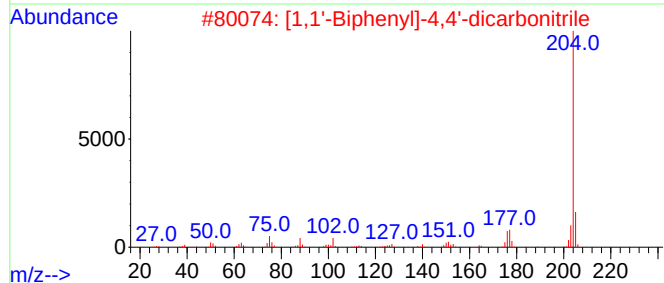
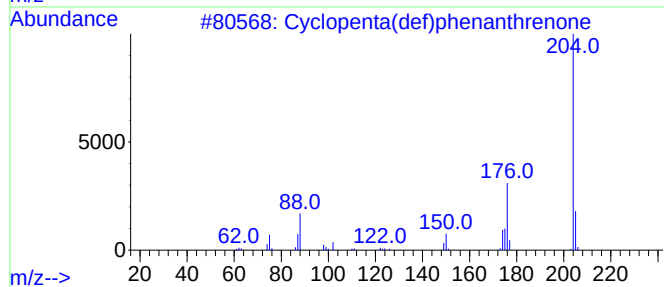
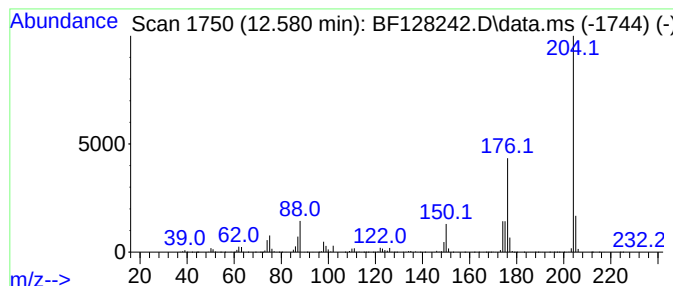
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.580	79.20 ng	2244610	Phenanthrene-d10	11.422

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53



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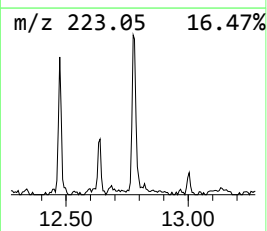
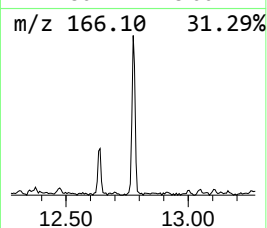
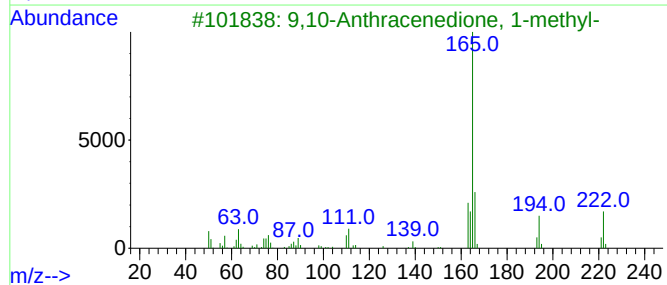
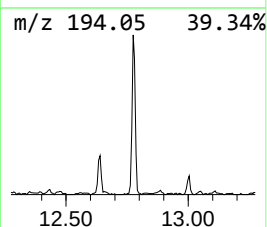
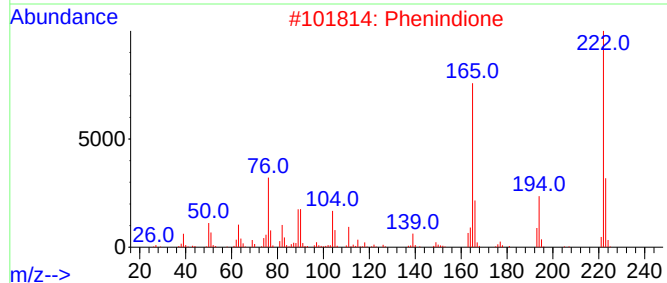
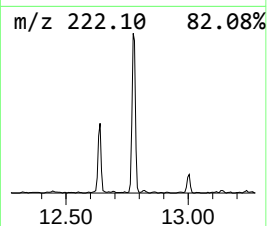
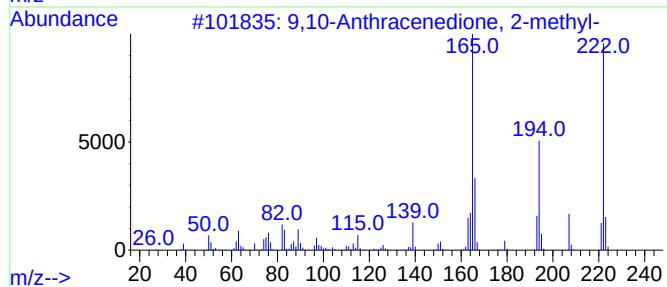
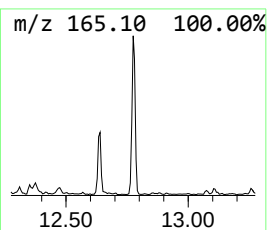
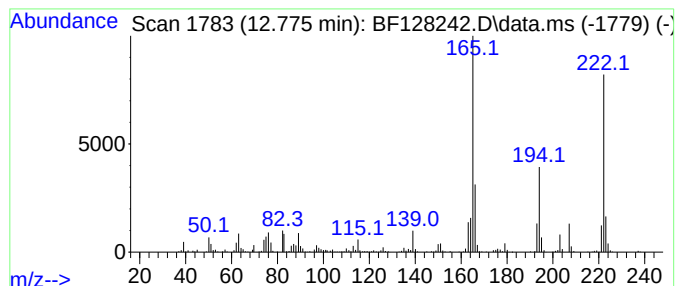
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,10-Anthracenedione, 2-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.775	12.32 ng	466831	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-methyl-		222	C15H10O2	000084-54-8	99
2	Phenindione		222	C15H10O2	000083-12-5	90
3	9,10-Anthracenedione, 1-methyl-		222	C15H10O2	000954-07-4	86
4	Benzalpthalide		222	C15H10O2	000575-61-1	74
5	N-(3-Aminophenyl)acetamide, N-TM...		222	C11H18N2OSi	1000488-50-4	68



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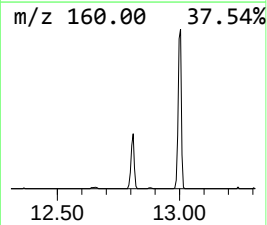
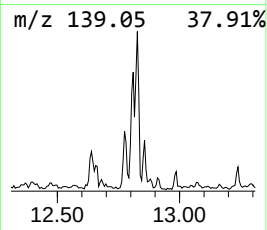
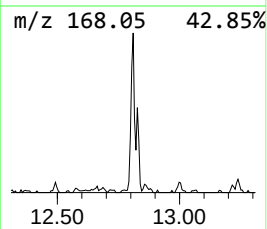
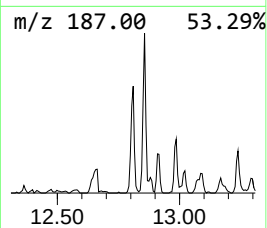
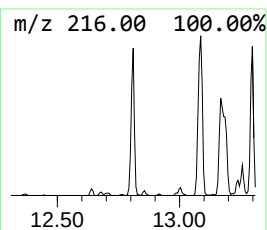
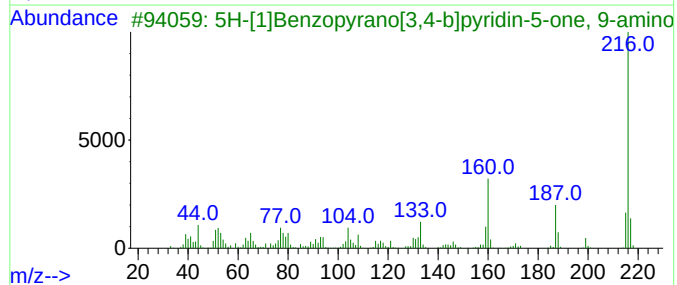
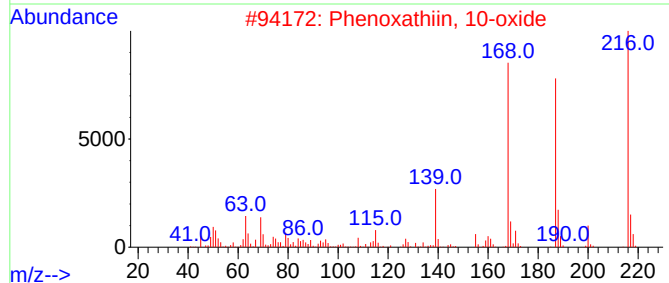
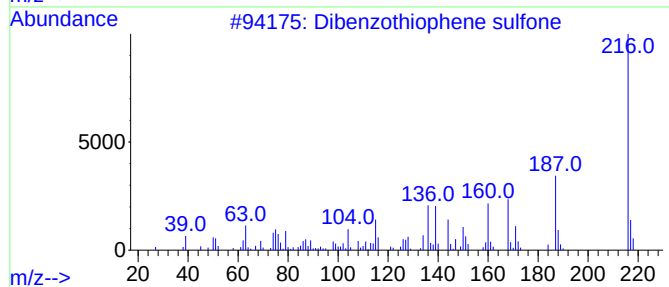
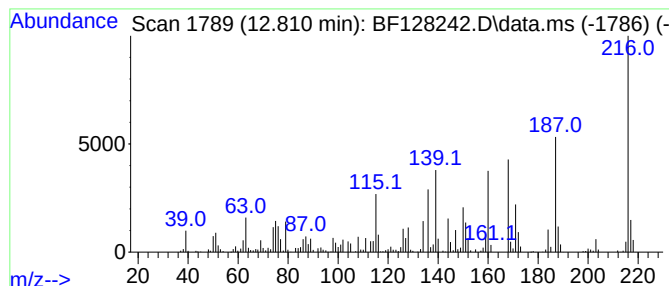
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzothiophene sulfone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	9.14 ng	346250	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene sulfone	216	C12H8O2S	001016-05-3	94
2			Phenoxathiin, 10-oxide	216	C12H8O2S	000948-44-7	46
3			5H-[1]Benzopyrano[3,4-b]pyridin-...	216	C12H12N2O2	1000337-92-0	41
4			Thianthrene	216	C12H8S2	000092-85-3	38
5			1,3-Benzodioxole, 5-(2-cyclohexe...	216	C13H12O3	042866-84-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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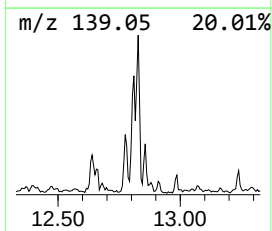
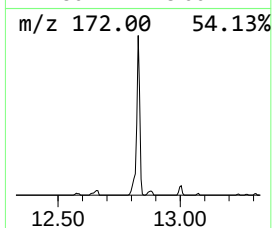
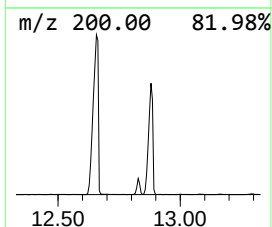
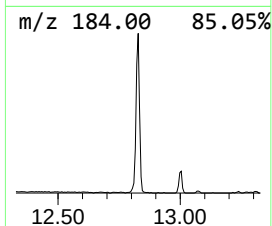
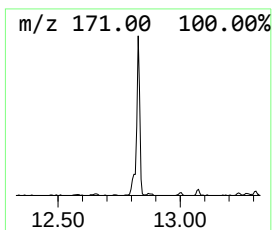
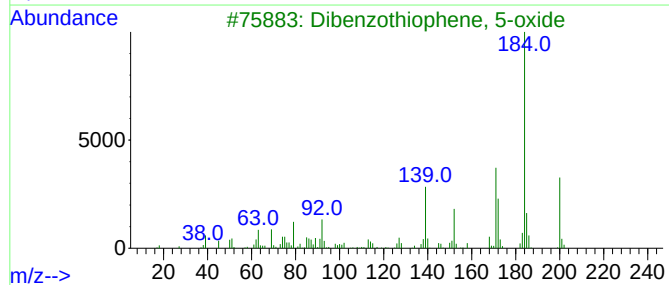
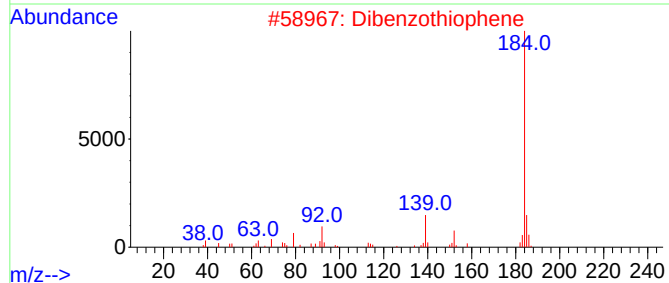
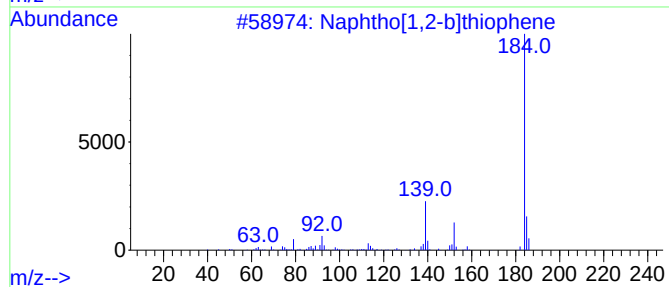
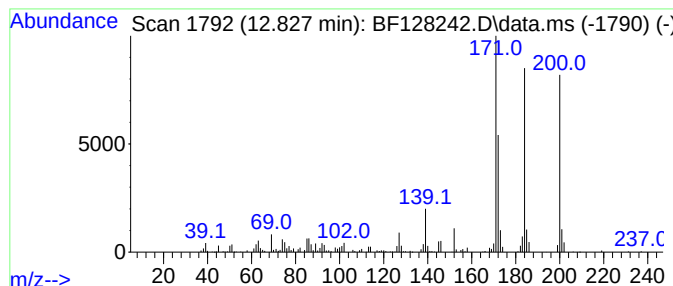
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	10.09 ng	382413	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	64
2			Dibenzothiophene	184	C12H8S	000132-65-0	60
3			Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	52
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	48
5			2H-Furo(2,3-h)(1)benzopyran-2-on...	200	C12H8O3	006457-92-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
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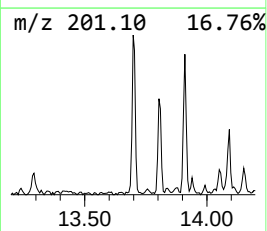
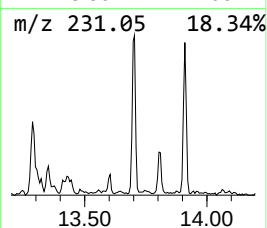
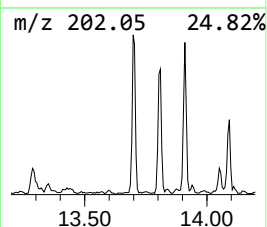
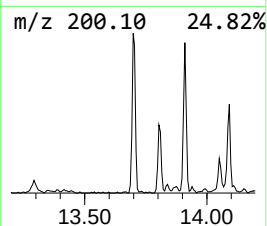
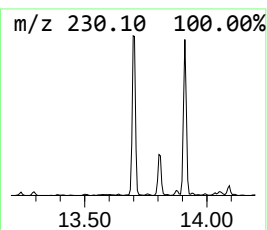
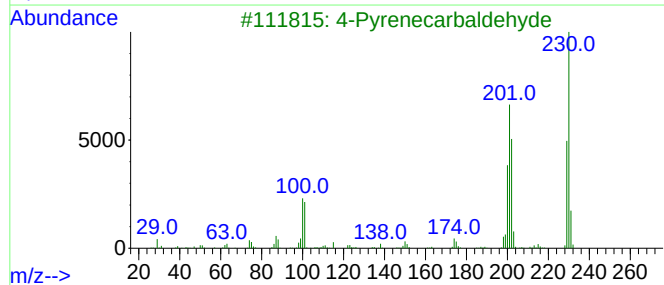
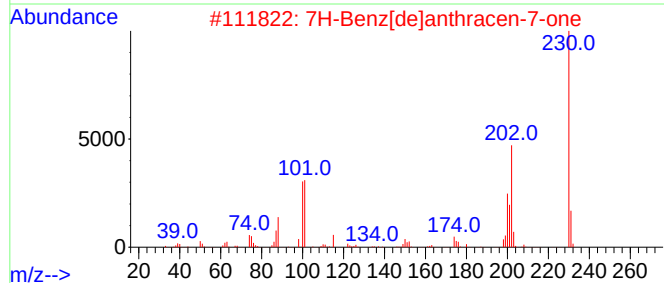
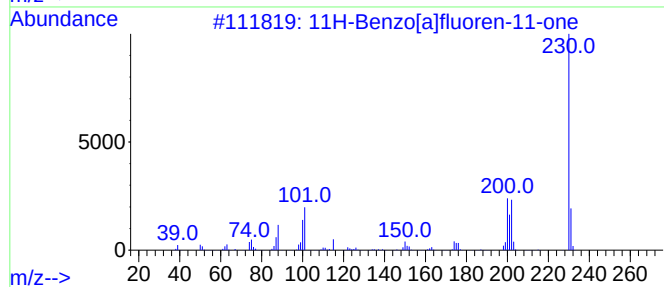
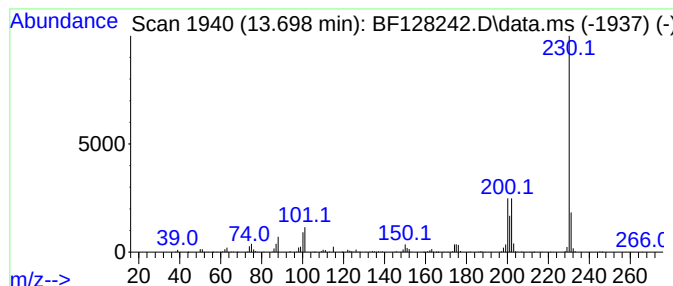
Instrument :
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ClientSampleId :
SC-10

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.698	8.34 ng	315895	Chrysene-d12		14.063	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one		230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one		230	C17H10O	000082-05-3	91
3	4-Pyrenecarbaldehyde		230	C17H10O	022245-51-8	64
4	6H-Benz[de]anthracen-6-one		230	C17H10O	080252-14-8	62
5	Pyrene, 1,3-dimethyl-		230	C18H14	064401-21-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-10

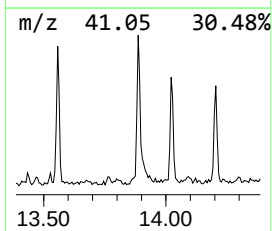
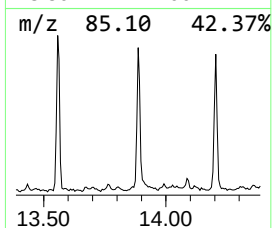
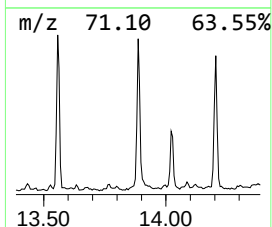
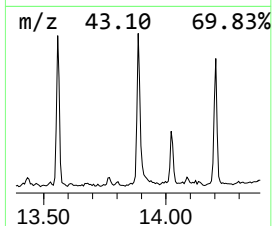
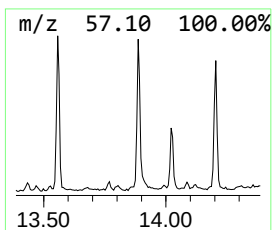
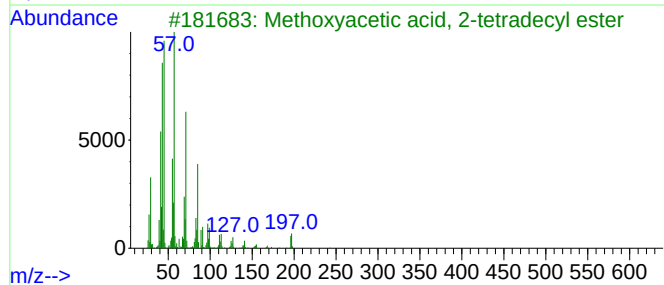
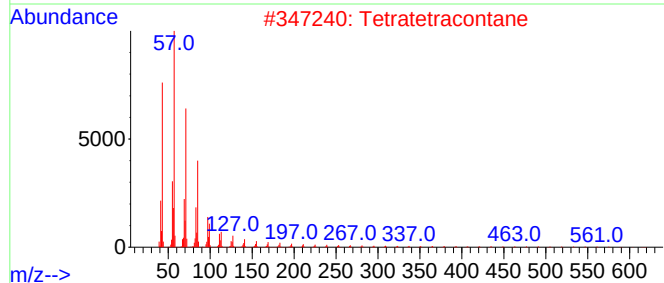
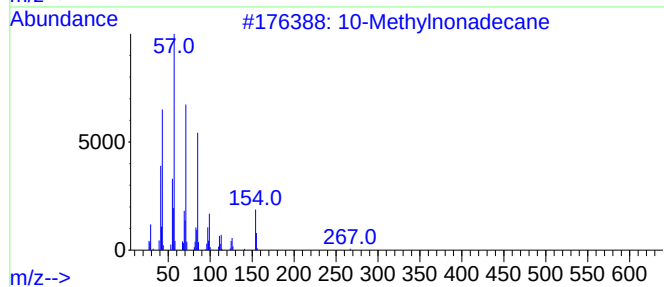
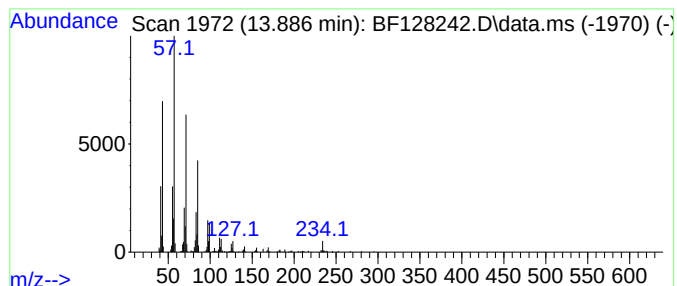
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 10-Methylnonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	8.41 ng	318700	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	91
2			Tetratetracontane	619	C44H90	007098-22-8	90
3			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
4			Hexacosane	366	C26H54	000630-01-3	87
5			Tritetracontane	605	C43H88	007098-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
Data File : BF128242.D
Acq On : 13 May 2022 16:43
Operator : CG\JU
Sample : N2823-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-10

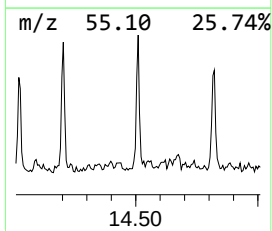
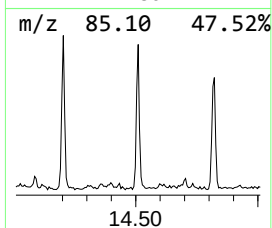
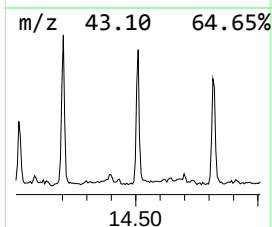
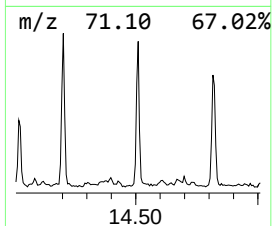
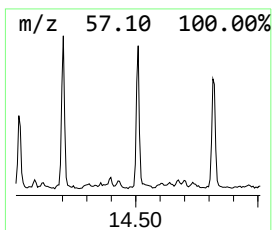
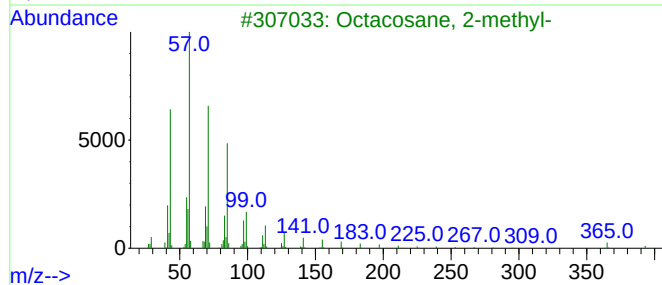
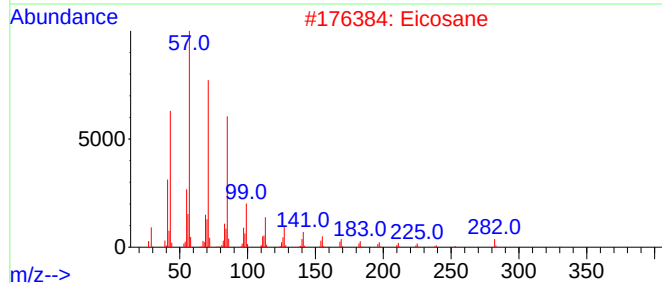
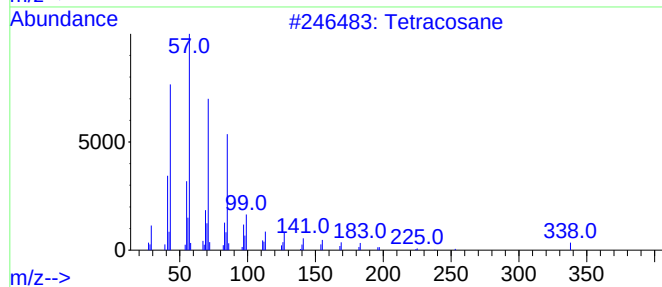
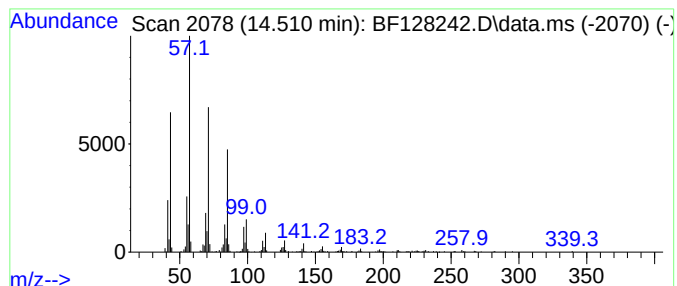
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	8.17 ng	309605	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128242.D
 Acq On : 13 May 2022 16:43
 Operator : CG\JU
 Sample : N2823-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-10

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pyrrolidinone...	7.040	20.8	ng	400512	1	6.887	385851	20.0
Benzoic acid, 2...	10.922	7.8	ng	221443	4	11.422	566803	20.0
9H-Fluoren-9-one	11.245	184.4	ng	5226730	4	11.422	566803	20.0
3-Phenanthrol	11.757	20.6	ng	583657	4	11.422	566803	20.0
Anthrone	11.875	7.9	ng	224511	4	11.422	566803	20.0
Phenanthrene, 1...	11.922	21.3	ng	602288	4	11.422	566803	20.0
Phenanthrene, 2...	11.951	22.8	ng	646972	4	11.422	566803	20.0
1H-Cyclopropa[1...	12.028	8.7	ng	247485	4	11.422	566803	20.0
1H-Indene, 1-ph...	12.057	10.7	ng	301927	4	11.422	566803	20.0
Heptacosane	12.104	10.8	ng	305385	4	11.422	566803	20.0
Naphthalene, 2-...	12.216	21.6	ng	611777	4	11.422	566803	20.0
9,10-Anthracene...	12.269	190.9	ng	5410030	4	11.422	566803	20.0
Heneicosane	12.492	14.4	ng	408100	4	11.422	566803	20.0
Cyclopenta(def)...	12.580	79.2	ng	2244610	4	11.422	566803	20.0
9,10-Anthracene...	12.775	12.3	ng	466831	5	14.063	757778	20.0
Dibenzothiophen...	12.810	9.1	ng	346250	5	14.063	757778	20.0
Naphtho[1,2-b]t...	12.828	10.1	ng	382413	5	14.063	757778	20.0
11H-Benzo[a]flu...	13.698	8.3	ng	315895	5	14.063	757778	20.0
10-Methylnonade...	13.886	8.4	ng	318700	5	14.063	757778	20.0
Tetracosane	14.510	8.2	ng	309605	5	14.063	757778	20.0