

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128769.D
 Acq On : 10 Jun 2022 20:15
 Operator : CG\JU
 Sample : N3299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-15

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-BF060222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128769.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.375	348	355	360	rBV	113076	126568	2.33%	0.529%
2	5.057	457	471	473	rVB	2425179	5429590	100.00%	22.712%
3	6.457	706	709	715	rBV	229600	226719	4.18%	0.948%
4	6.798	763	767	770	rBV	509698	391516	7.21%	1.638%
5	6.863	774	778	786	rVV	482711	428161	7.89%	1.791%
6	6.945	786	792	802	rVB2	63040	71468	1.32%	0.299%
7	7.363	858	863	866	rBV	1032606	964377	17.76%	4.034%
8	8.081	981	985	989	rBV	553232	505727	9.31%	2.115%
9	9.163	1163	1169	1172	rBV	2204286	1780296	32.79%	7.447%
10	9.239	1178	1182	1187	rBV	89240	81836	1.51%	0.342%
11	9.839	1280	1284	1287	rVV	669878	523495	9.64%	2.190%
12	11.327	1533	1537	1539	rBV	537006	478798	8.82%	2.003%
13	11.357	1539	1542	1545	rVV	1335263	1139664	20.99%	4.767%
14	11.404	1547	1550	1553	rVV	139903	118340	2.18%	0.495%
15	11.622	1583	1587	1590	rBV	164641	145505	2.68%	0.609%
16	11.827	1619	1622	1625	rVV	289042	258521	4.76%	1.081%
17	11.857	1625	1627	1630	rVV	335776	265746	4.89%	1.112%
18	11.939	1638	1641	1643	rVV	327520	314804	5.80%	1.317%
19	11.963	1643	1645	1652	rVB	305185	249659	4.60%	1.044%
20	12.027	1652	1656	1660	rBV3	61669	85665	1.58%	0.358%
21	12.127	1670	1673	1675	rBV	452967	340928	6.28%	1.426%
22	12.151	1675	1677	1680	rVV	206193	163871	3.02%	0.685%
23	12.274	1696	1698	1701	rBV2	64614	62506	1.15%	0.261%
24	12.380	1713	1716	1719	rBV	127550	128172	2.36%	0.536%
25	12.416	1719	1722	1724	rVV2	101959	103601	1.91%	0.433%
26	12.463	1728	1730	1736	rVV	121803	147535	2.72%	0.617%
27	12.545	1739	1744	1747	rVV	690561	610390	11.24%	2.553%
28	12.586	1749	1751	1753	rVV	67274	65800	1.21%	0.275%
29	12.610	1753	1755	1758	rVV2	59202	65878	1.21%	0.276%
30	12.674	1762	1766	1768	rBV3	79126	72539	1.34%	0.303%
31	12.774	1778	1783	1788	rBV	975303	897540	16.53%	3.754%
32	12.816	1788	1790	1796	rVB3	35728	62281	1.15%	0.261%
33	12.916	1803	1807	1810	rBV	1427221	1174083	21.62%	4.911%
34	12.992	1817	1820	1824	rBV	87282	133118	2.45%	0.557%
35	13.080	1831	1835	1837	rBV3	90379	122386	2.25%	0.512%
36	13.145	1841	1846	1848	rBV3	49226	67851	1.25%	0.284%

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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-BF060222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.204	1853	1856	1859	rVB	128286	98638	1.82%	0.413%
38	13.298	1869	1872	1874	rVB	110301	82593	1.52%	0.345%
39	13.327	1874	1877	1881	rVB	152393	123790	2.28%	0.518%
40	13.392	1885	1888	1896	rVB	617049	549142	10.11%	2.297%
41	13.610	1922	1925	1933	rVB	187075	195193	3.59%	0.817%
42	13.716	1939	1943	1946	rBV2	93763	107986	1.99%	0.452%
43	13.751	1946	1949	1951	rVV	133264	123394	2.27%	0.516%
44	13.821	1957	1961	1970	rVB2	170195	245228	4.52%	1.026%
45	13.957	1980	1984	1989	rBV3	2606687	2709905	49.91%	11.336%
46	13.998	1989	1991	1996	rVV	432643	397921	7.33%	1.665%
47	14.068	2000	2003	2006	rVB	80236	79285	1.46%	0.332%
48	14.363	2050	2053	2056	rVV	127438	111431	2.05%	0.466%
49	14.392	2056	2058	2062	rVV2	74368	73245	1.35%	0.306%
50	15.010	2159	2163	2171	rBV2	165917	312985	5.76%	1.309%
51	15.310	2211	2214	2219	rVB	118819	134216	2.47%	0.561%
52	15.368	2221	2224	2230	rVB	152877	192654	3.55%	0.806%
53	15.433	2231	2235	2239	rBV	286900	372371	6.86%	1.558%
54	16.551	2421	2425	2431	rVB2	108707	191027	3.52%	0.799%

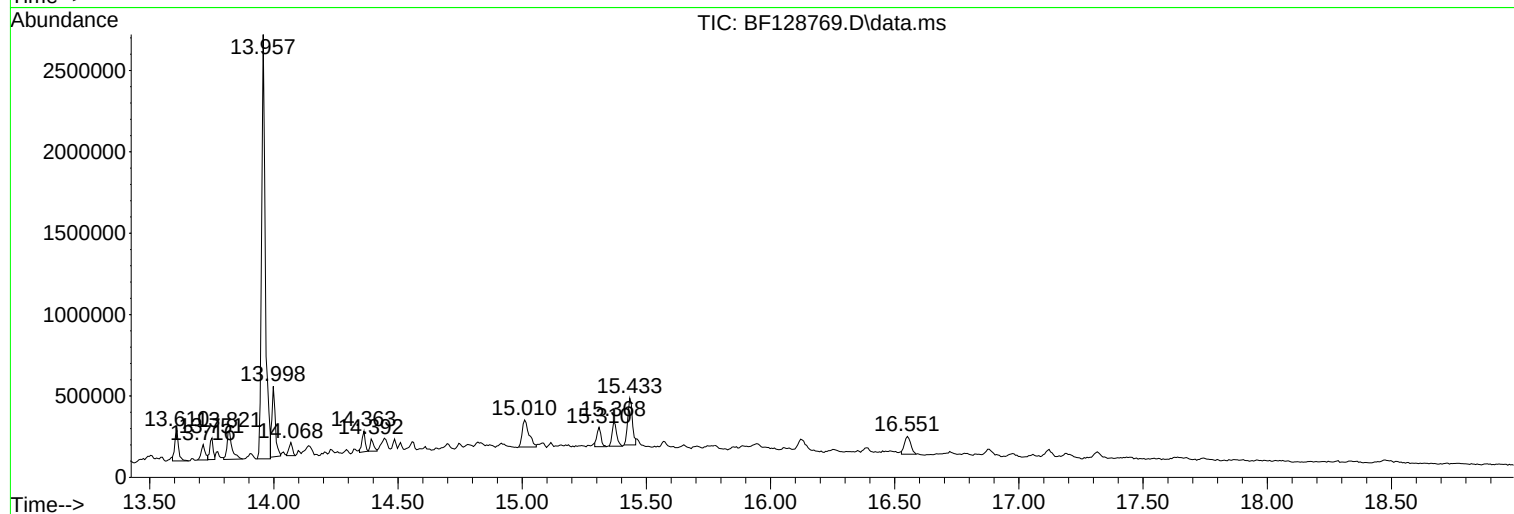
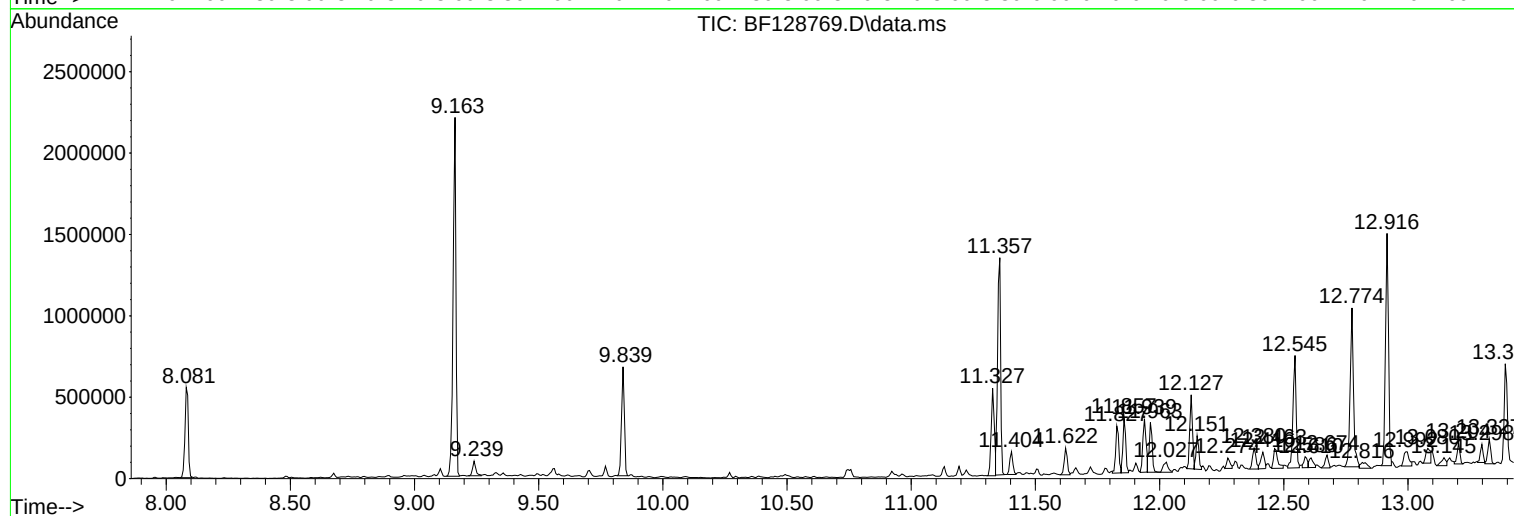
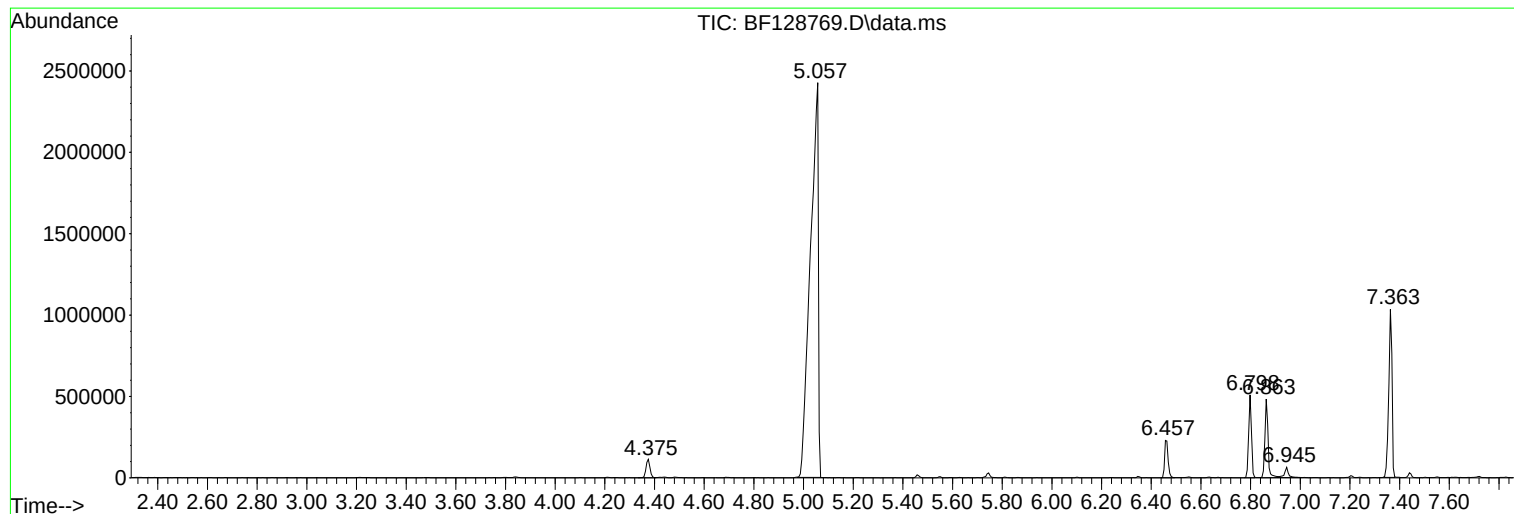
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
BNA_F
ClientSampleId :
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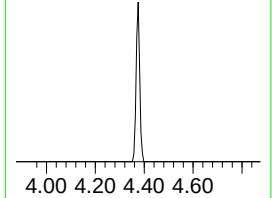
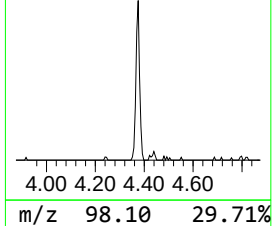
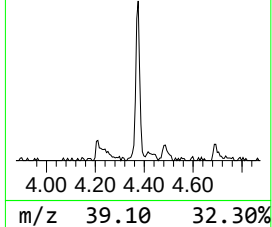
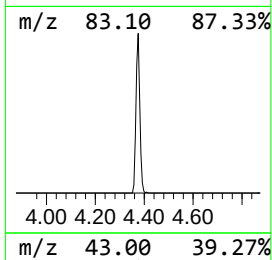
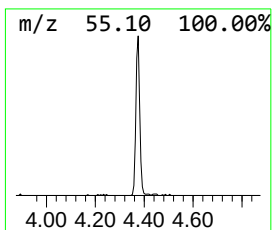
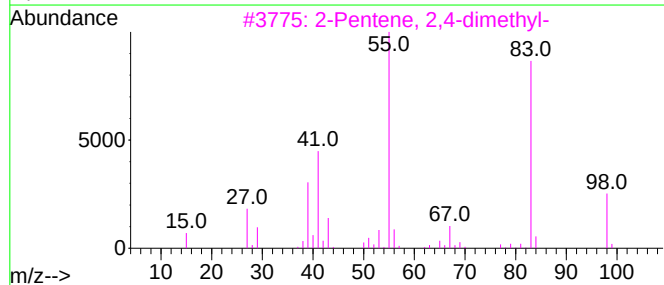
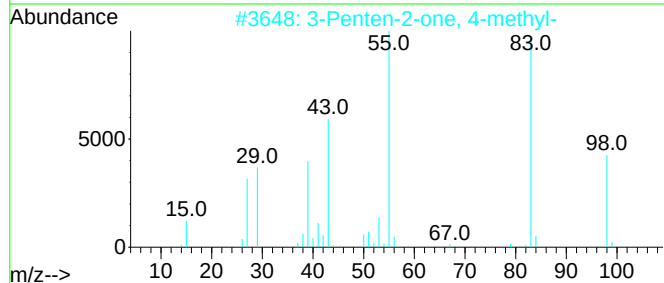
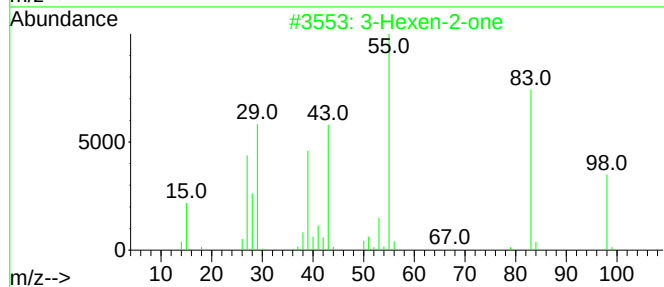
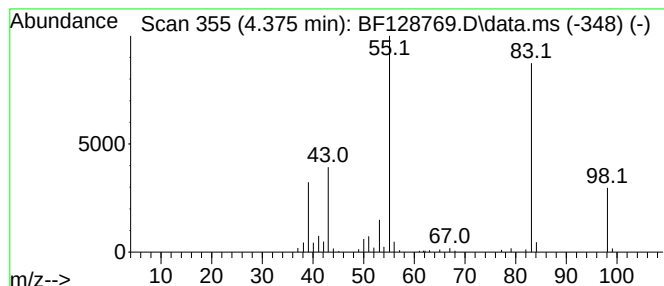
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Hexen-2-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.375	6.47 ng	126568	1,4-Dichlorobenzene-d4	6.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexen-2-one	98	C6H10O	000763-93-9	91
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4		2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78



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Misc :
ALS Vial : 16 Sample Multiplier: 1

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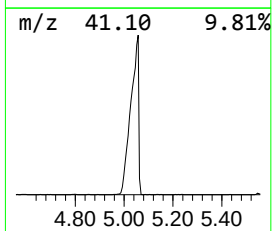
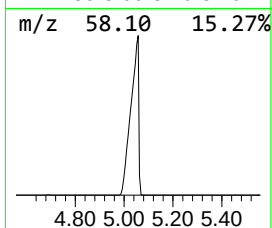
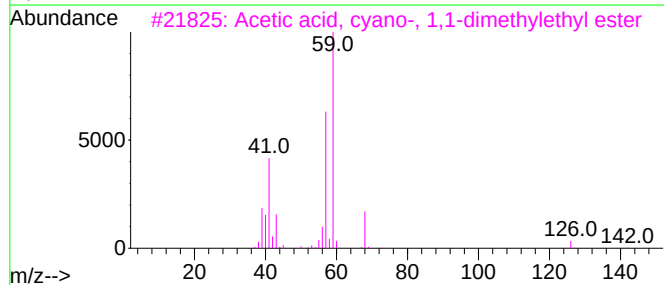
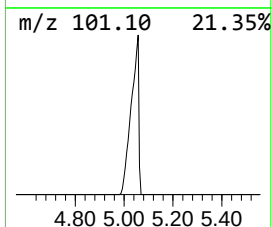
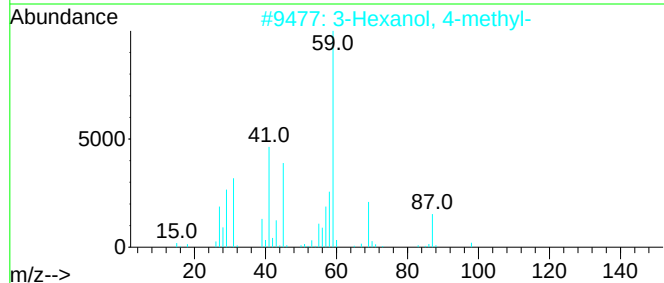
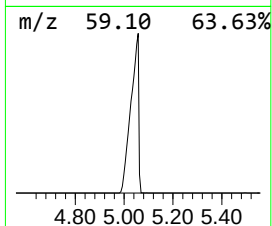
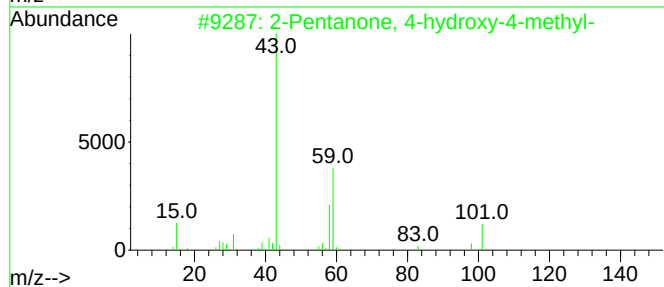
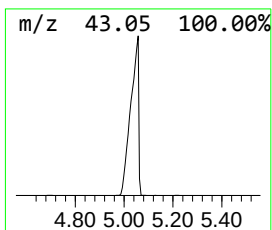
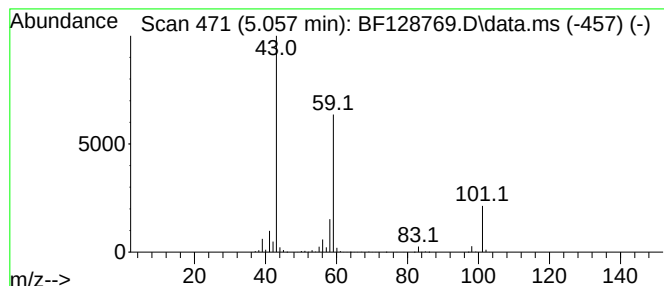
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	277.36 ng	5429590	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
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			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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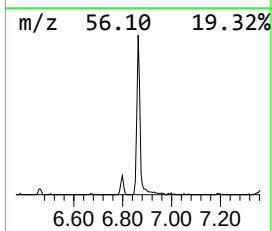
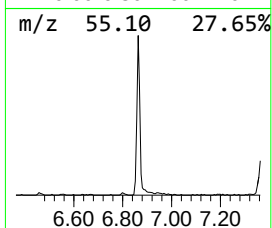
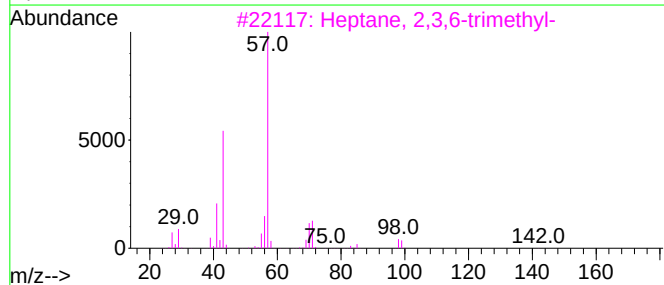
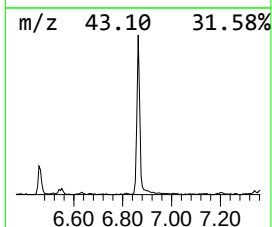
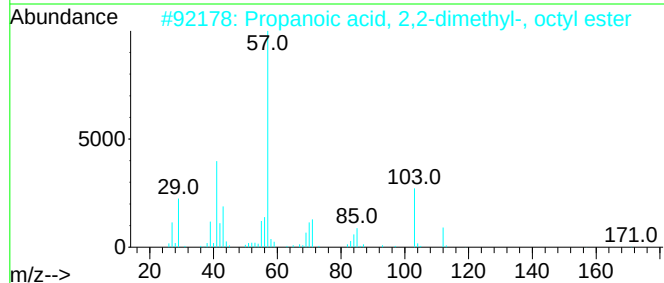
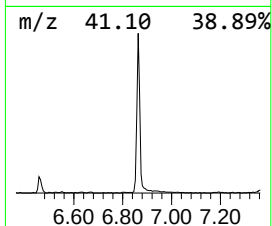
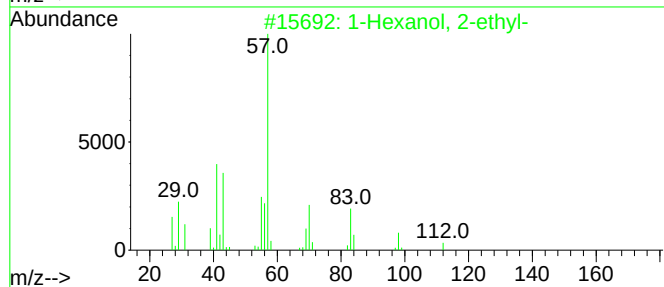
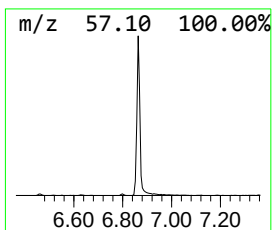
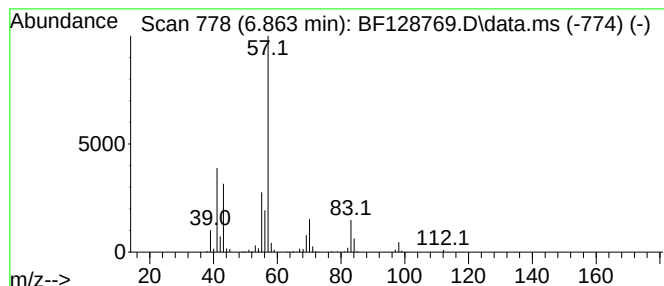
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	21.87 ng	428161	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	64
3			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	64
4			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50



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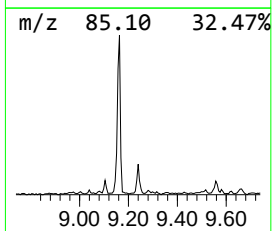
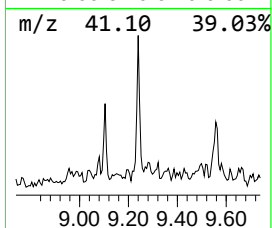
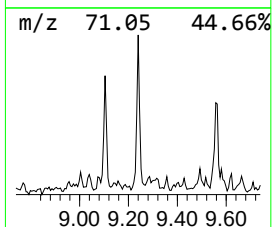
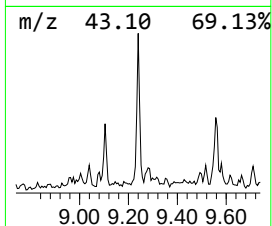
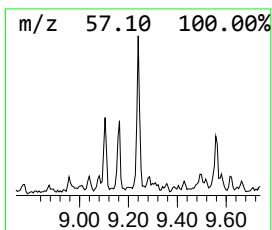
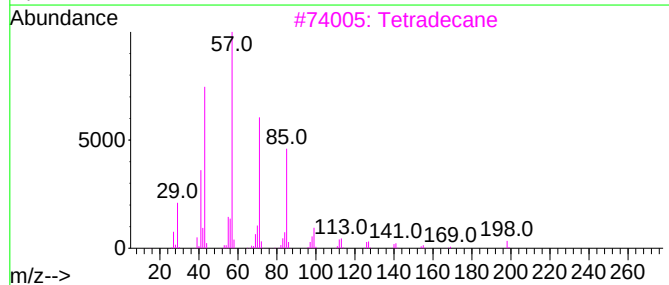
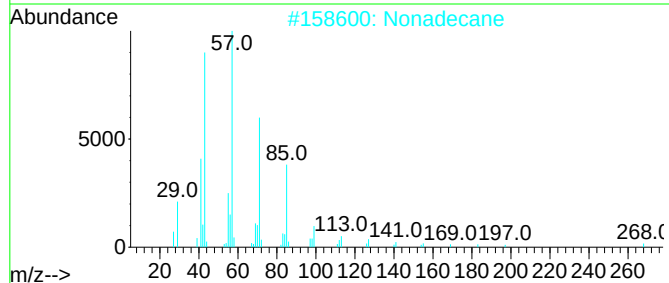
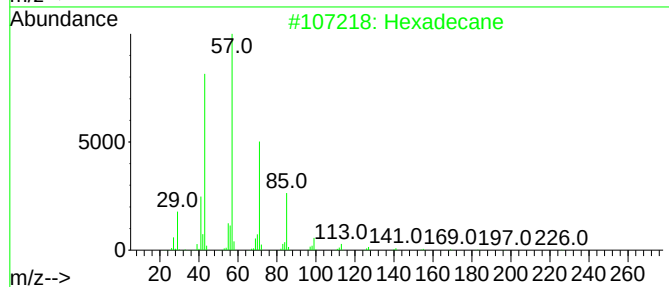
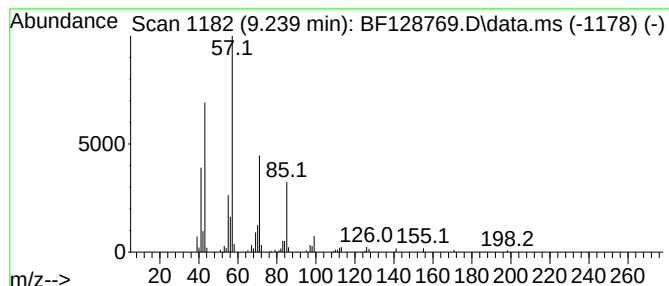
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.239	3.13 ng	81836	Acenaphthene-d10	9.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Heneicosane	296	C21H44	000629-94-7	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



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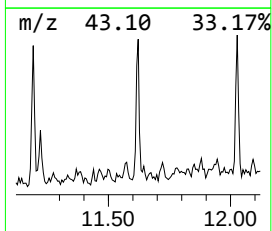
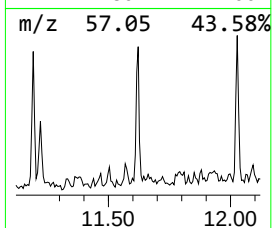
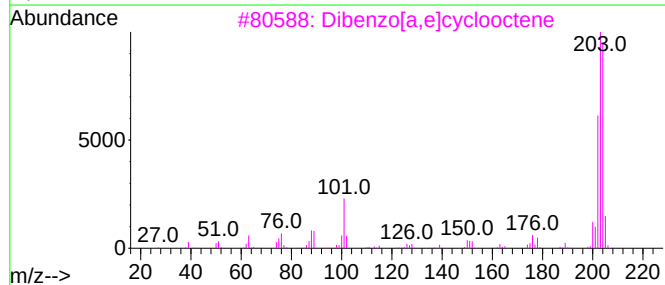
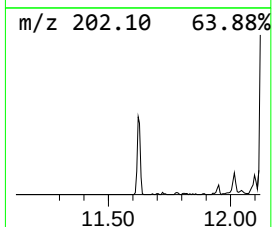
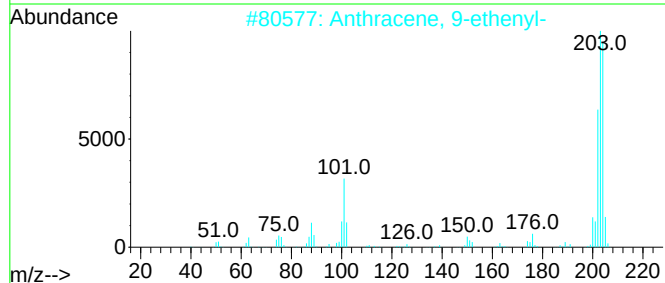
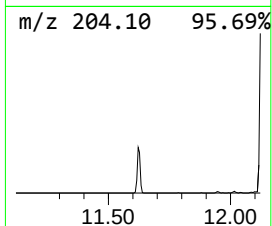
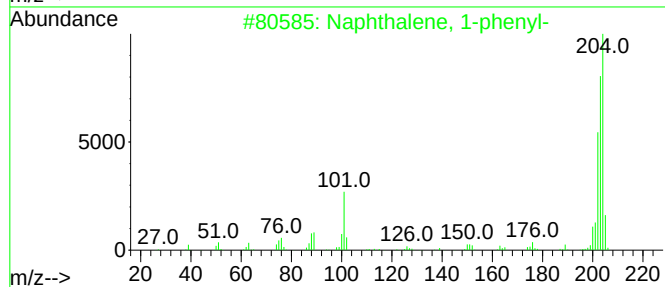
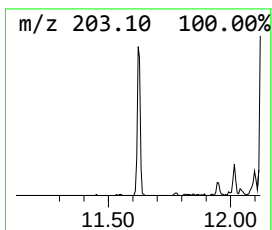
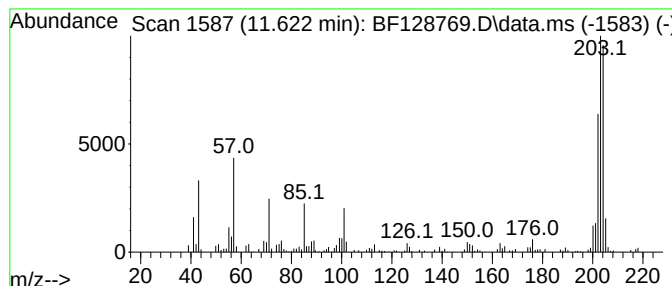
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.622	6.08 ng	145505	Phenanthrene-d10	11.328	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	86
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	83
5	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-15

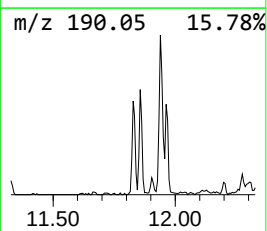
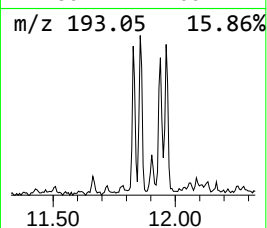
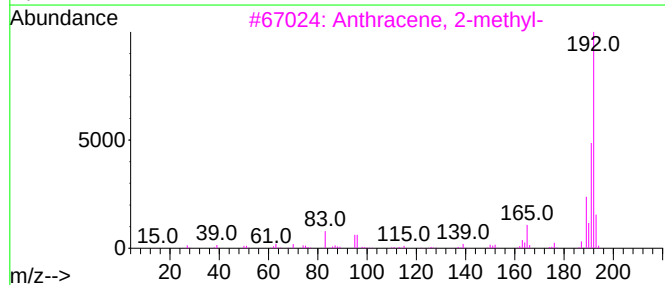
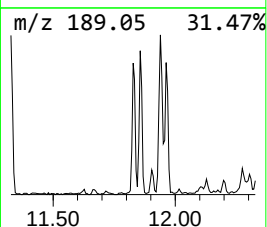
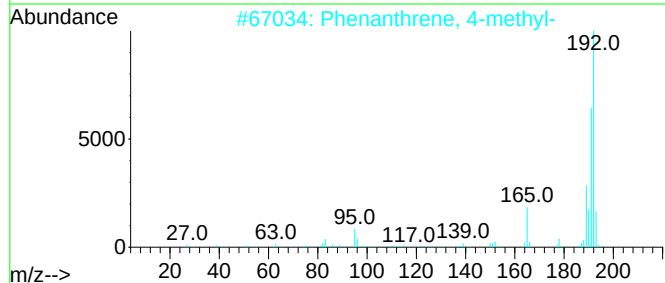
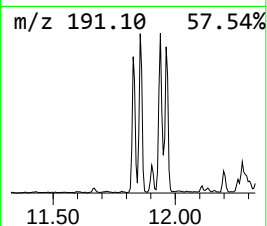
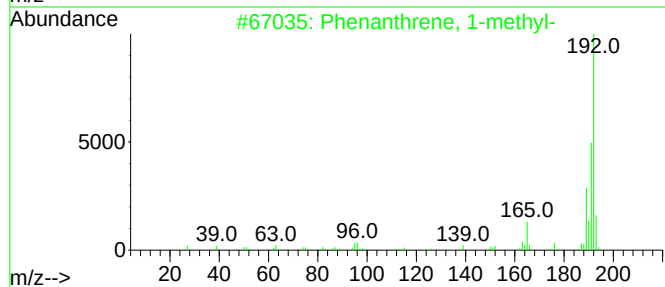
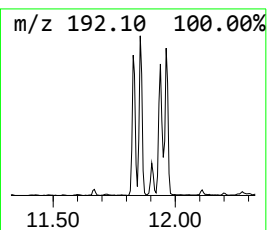
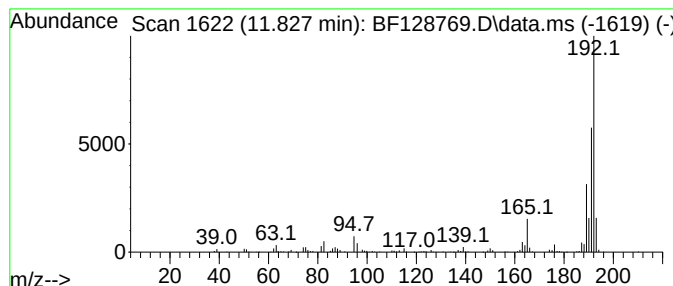
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.827	10.80 ng	258521	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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Sample : N3299-03
Misc :
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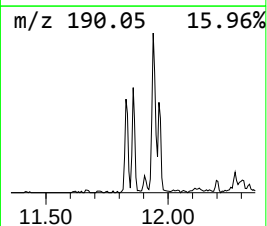
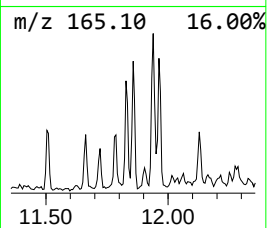
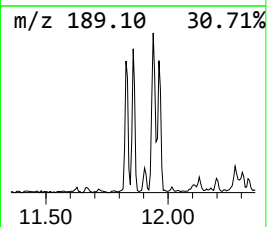
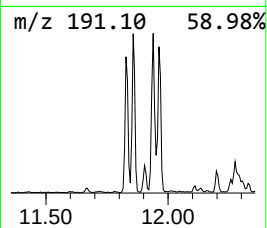
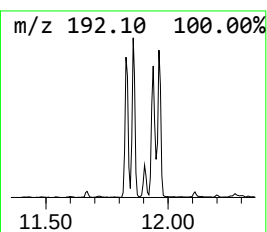
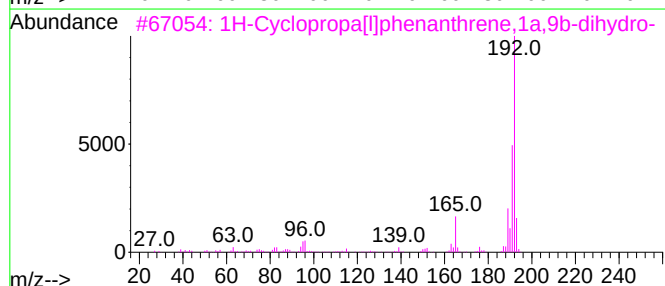
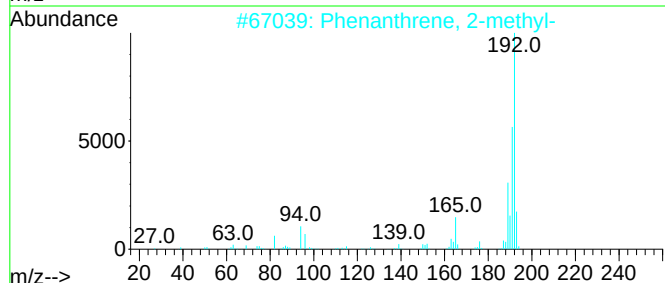
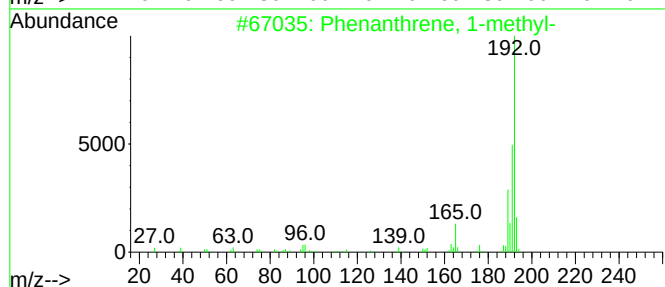
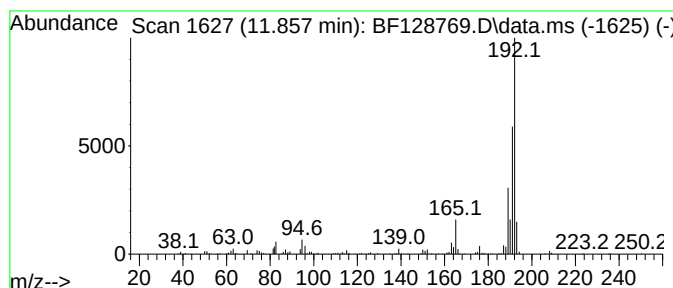
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.857	11.10 ng	265746	Phenanthrene-d10	11.328	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
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Misc :
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Instrument :
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ClientSampleId :
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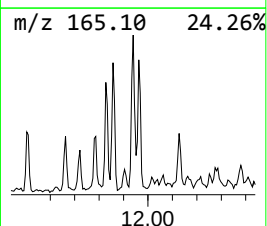
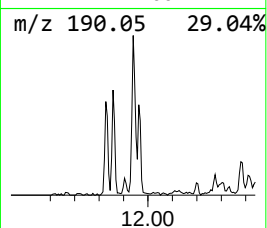
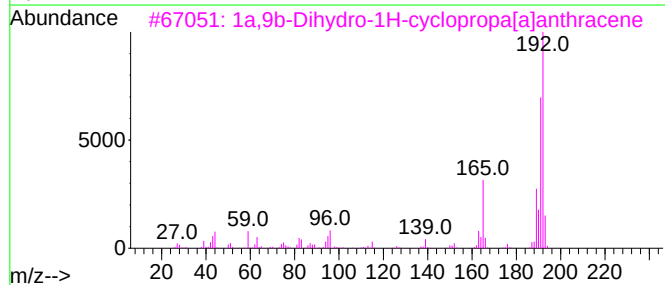
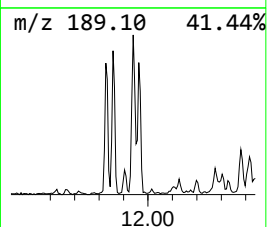
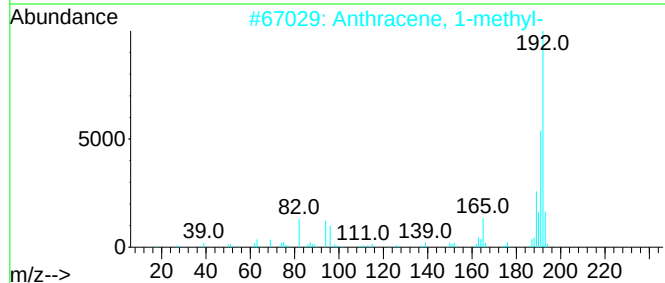
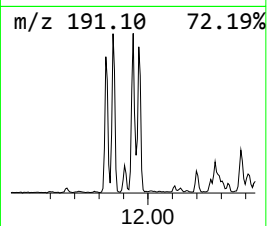
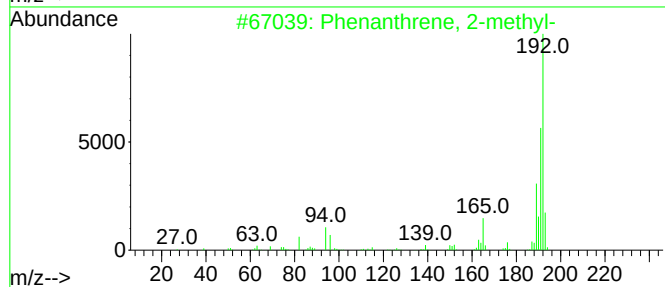
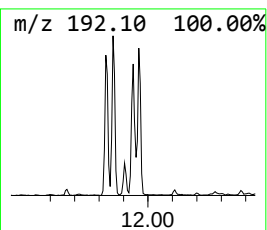
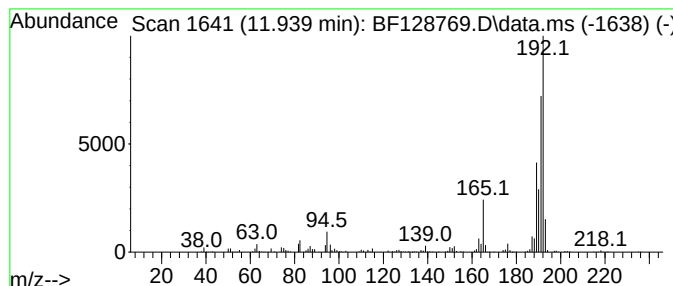
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	13.15 ng	314804	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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Misc :
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ClientSampleId :
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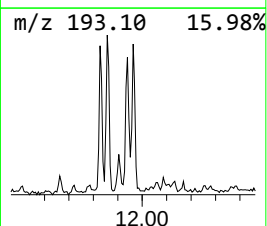
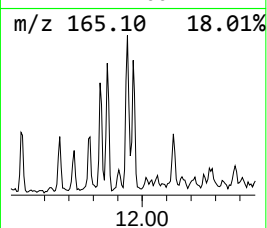
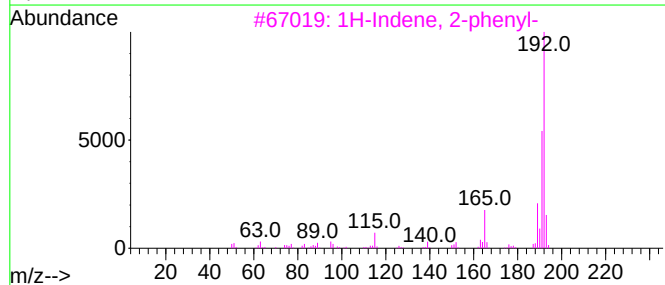
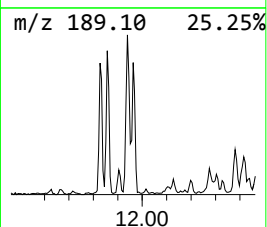
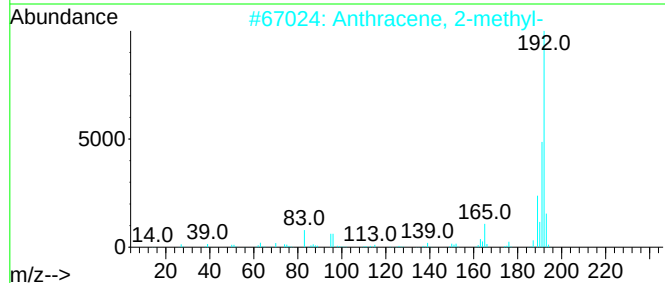
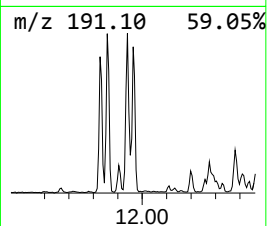
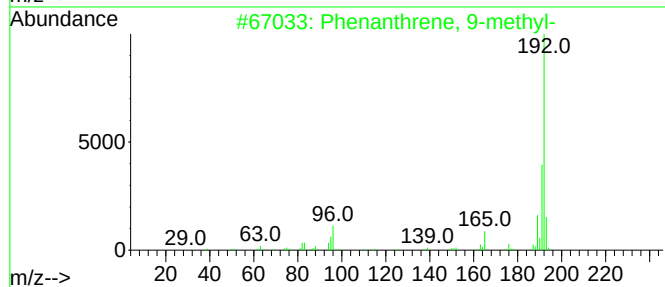
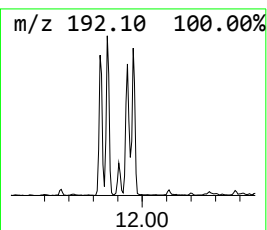
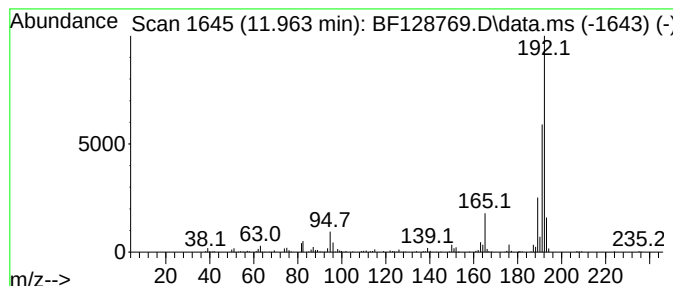
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	10.43 ng	249659	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
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Sample : N3299-03
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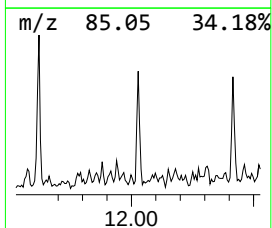
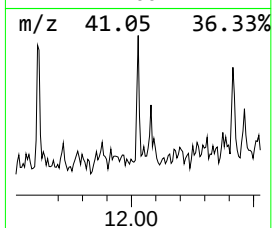
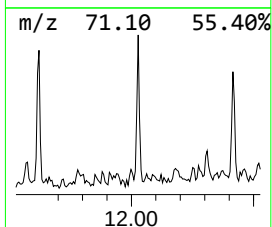
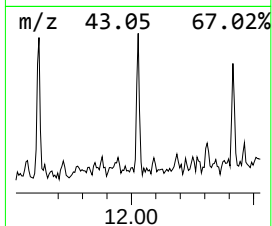
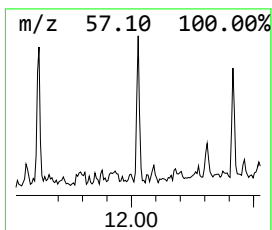
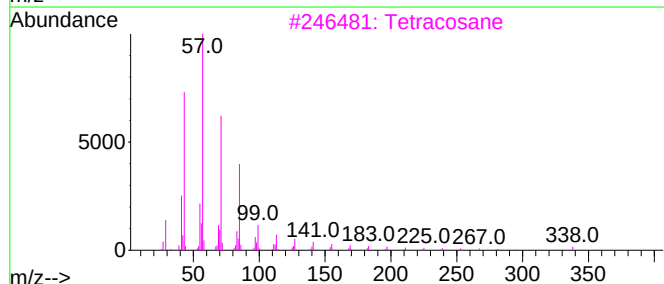
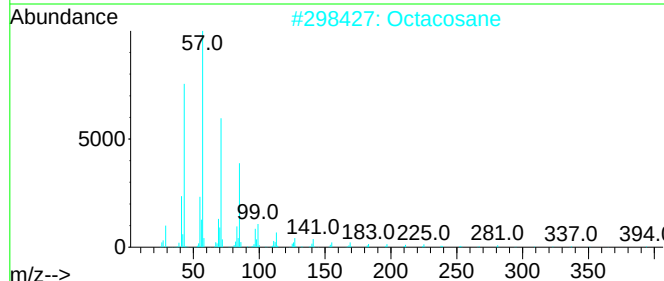
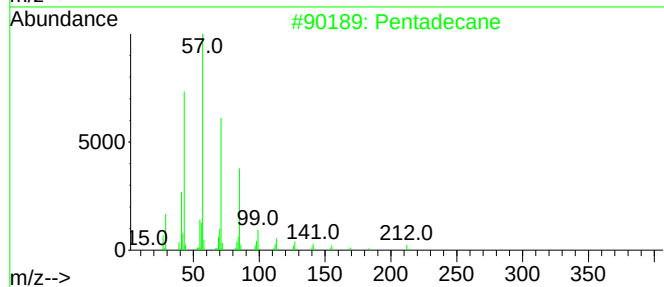
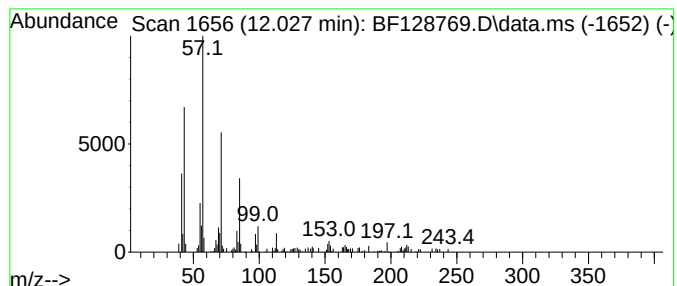
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	3.58 ng	85665	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	91
2		Octacosane	394	C28H58	000630-02-4	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Hexatriacontane	507	C36H74	000630-06-8	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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Acq On : 10 Jun 2022 20:15
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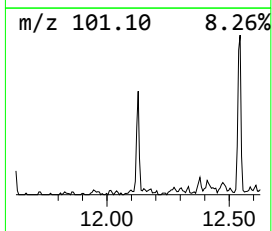
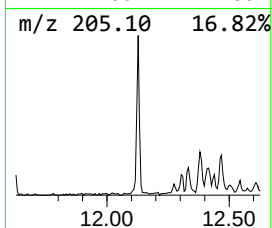
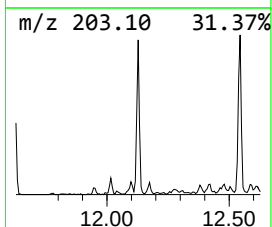
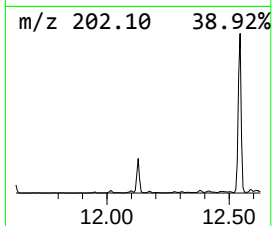
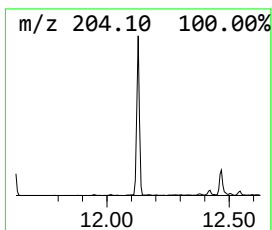
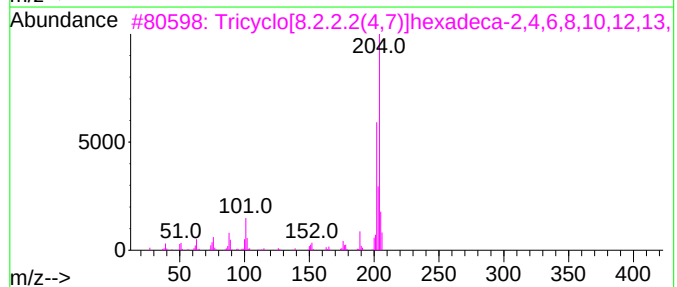
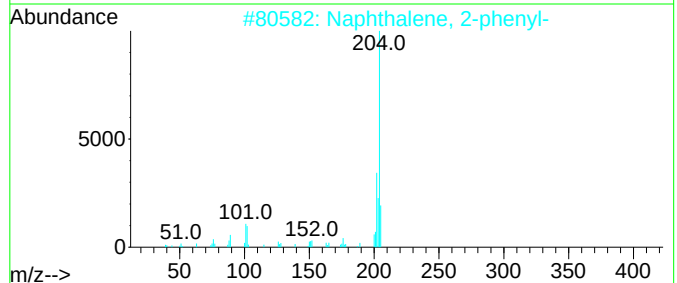
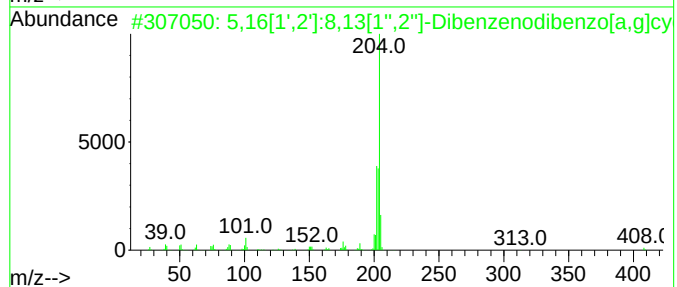
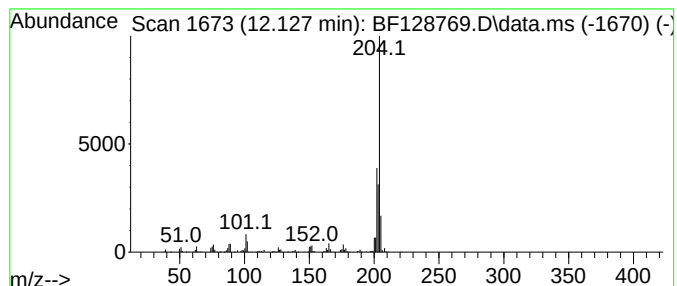
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	14.24 ng	340928	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24		005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12		000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12		006572-60-7	62
4	Naphthalene, 1-phenyl-	204	C16H12		000605-02-7	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2		001591-30-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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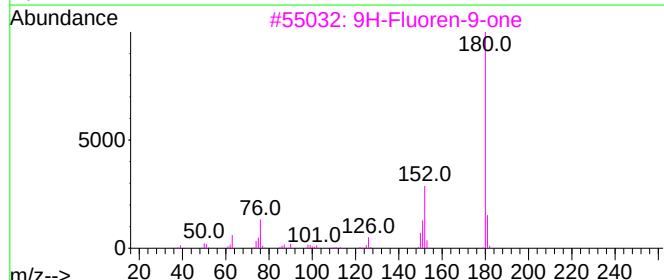
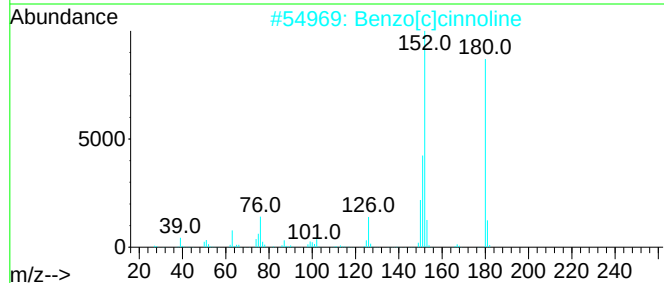
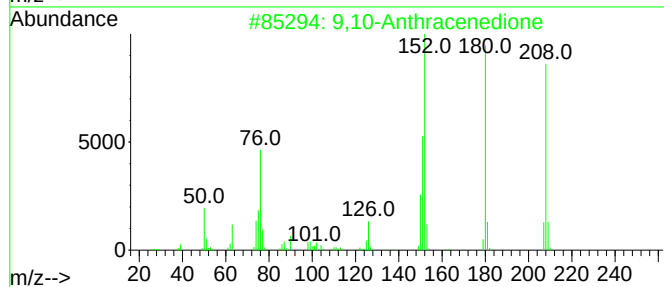
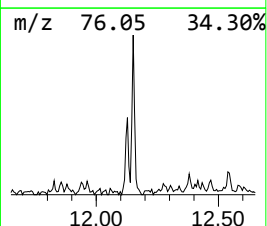
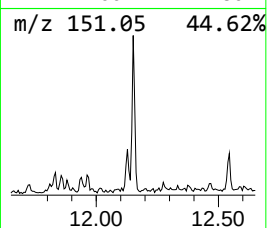
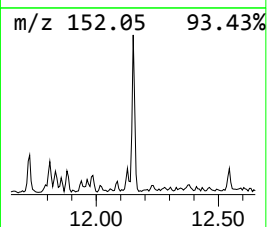
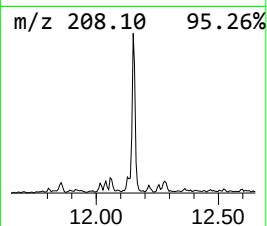
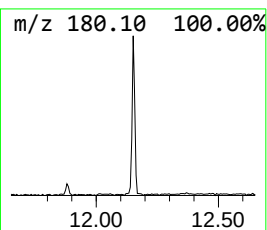
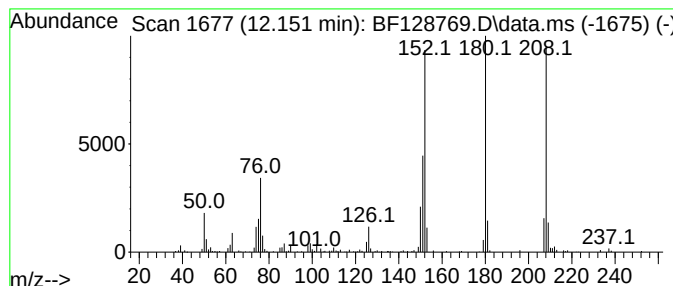
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	6.85 ng	163871	Phenanthrene-d10	11.328

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	86
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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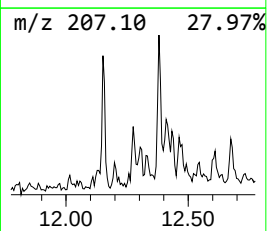
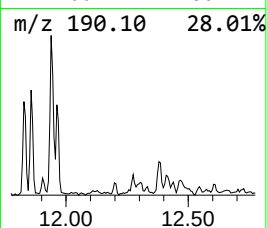
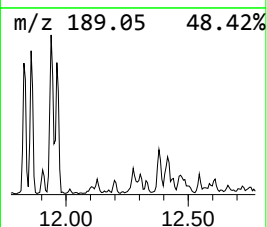
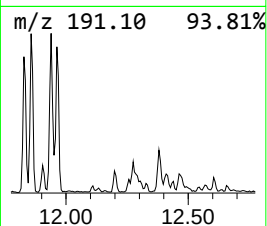
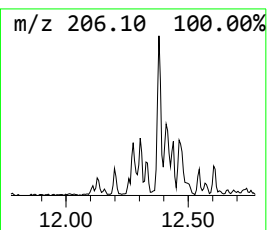
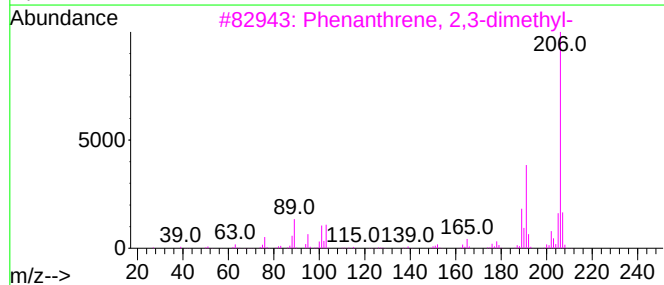
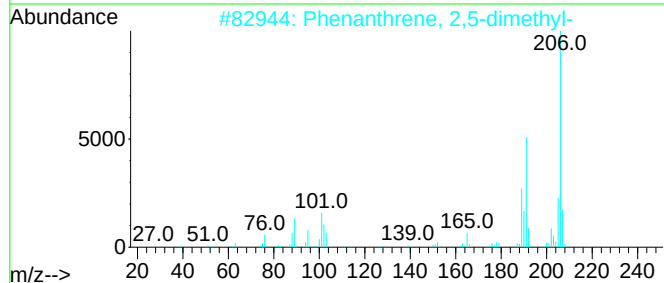
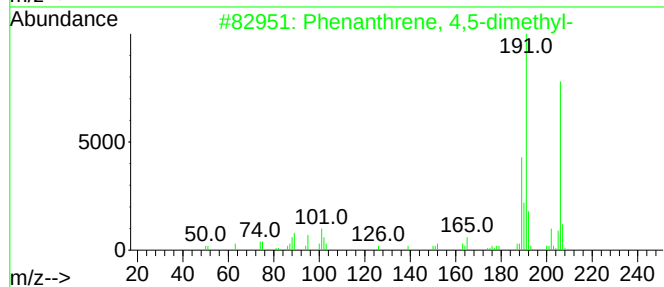
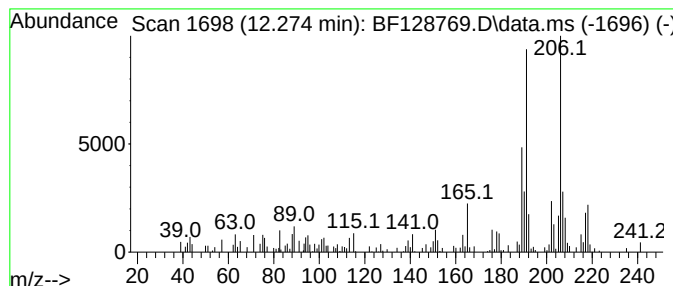
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	2.61 ng	62506	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76
4			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	70
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
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Sample : N3299-03
Misc :
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Instrument :
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ClientSampleId :
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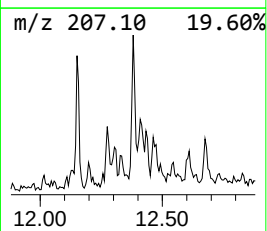
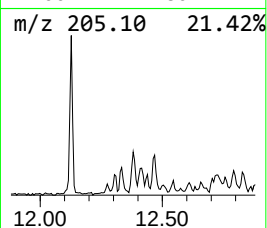
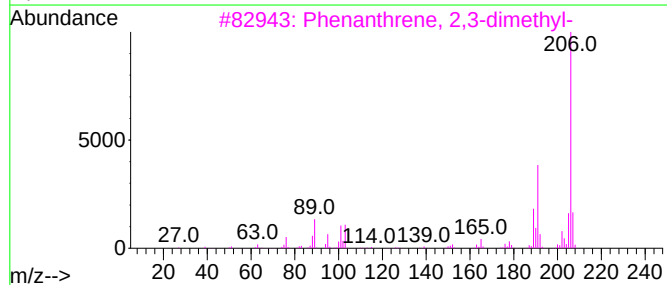
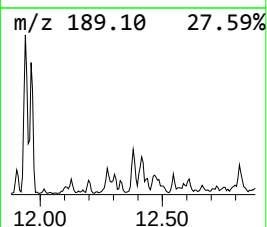
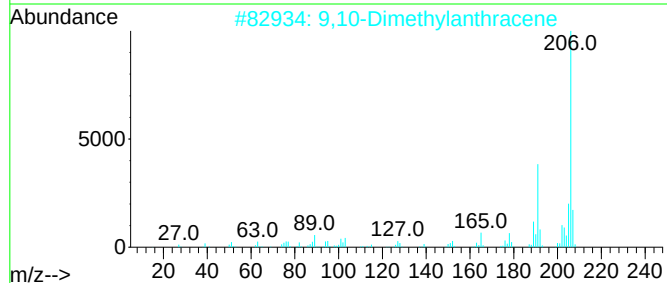
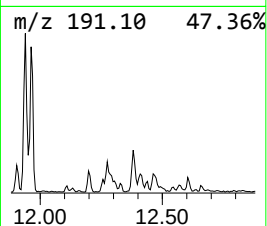
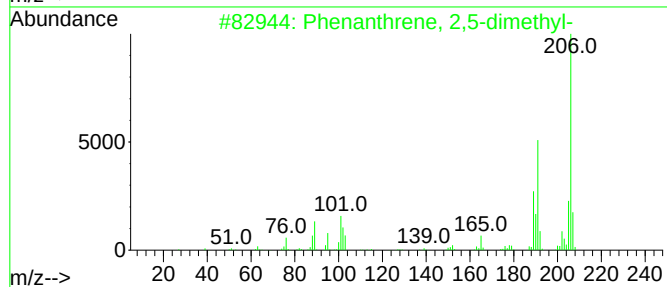
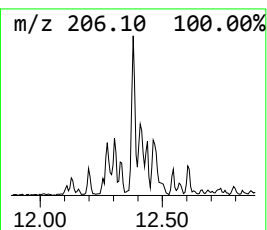
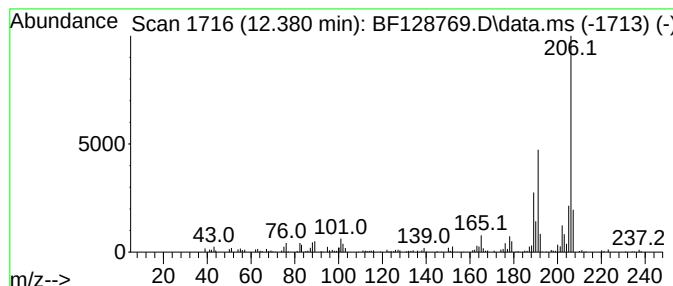
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	5.35 ng	128172	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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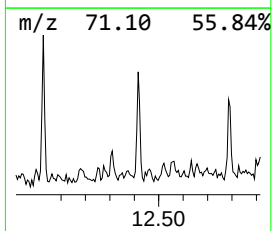
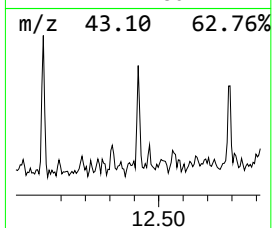
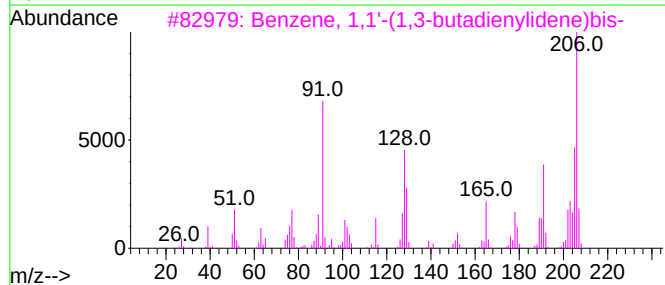
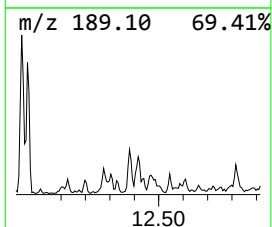
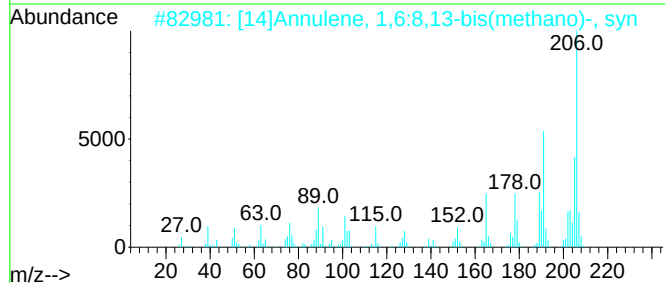
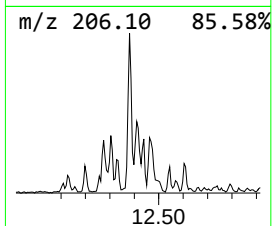
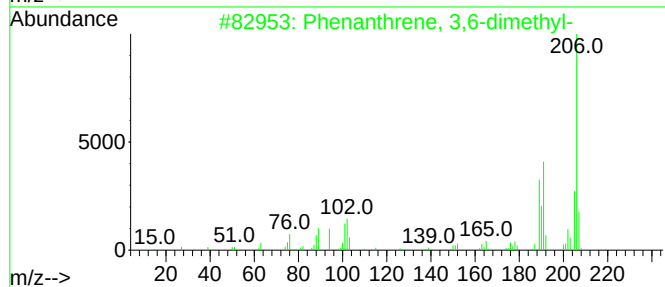
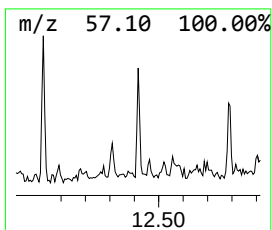
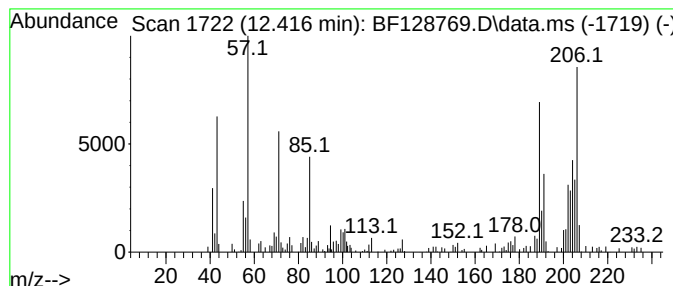
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	4.33 ng	103601	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
3			Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	30
4			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
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Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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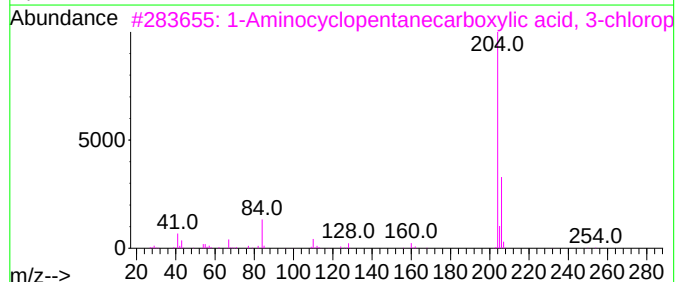
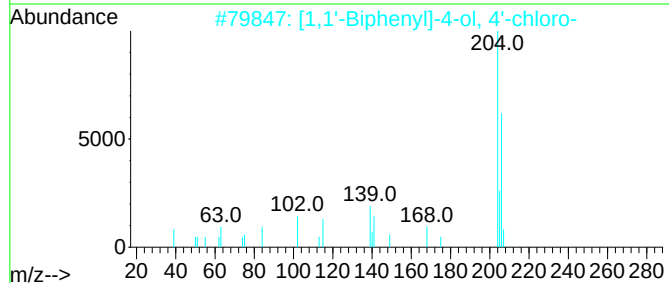
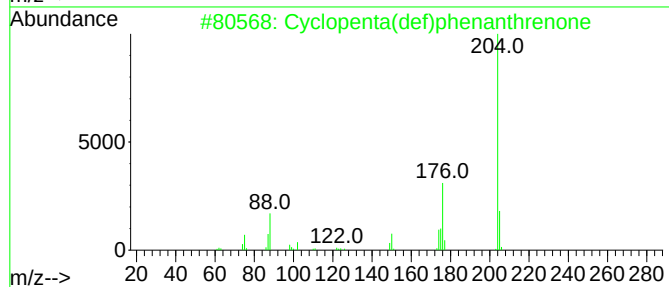
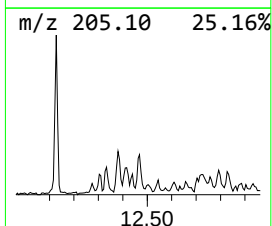
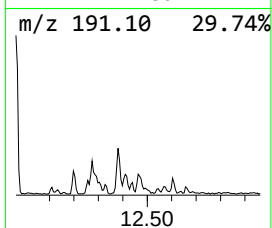
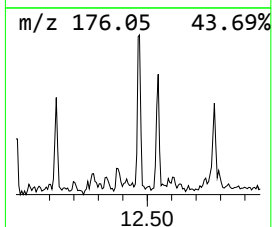
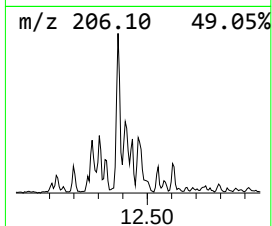
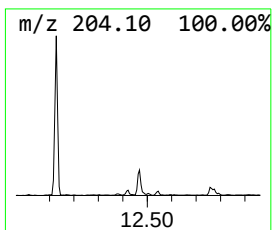
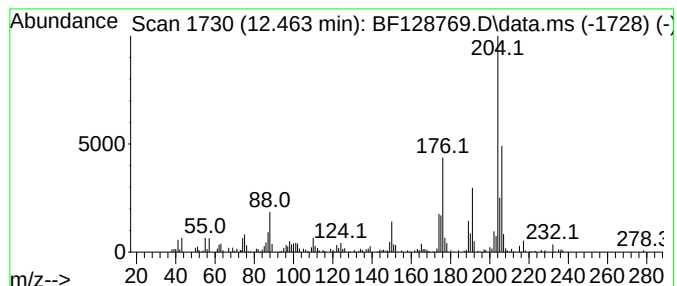
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	6.16 ng	147535	Phenanthrene-d10	11.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
3		1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000392-62-7	43
4		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5		2,4-Dichloro-5-ethyl-3-methylphe...	246	C11H12Cl2O2	1000467-41-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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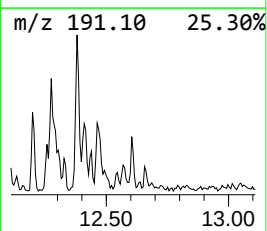
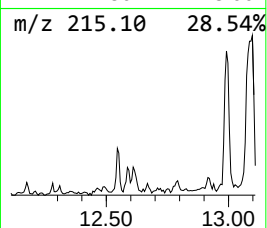
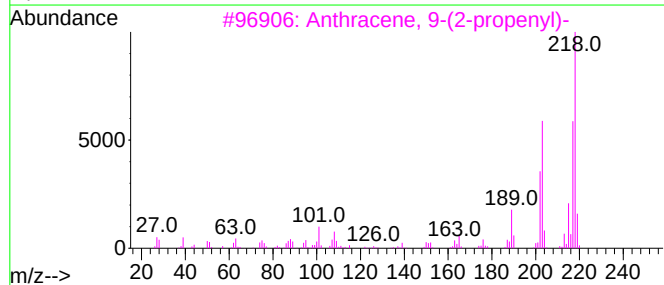
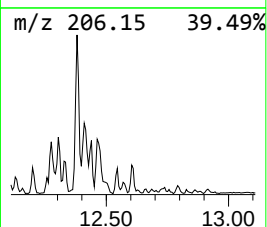
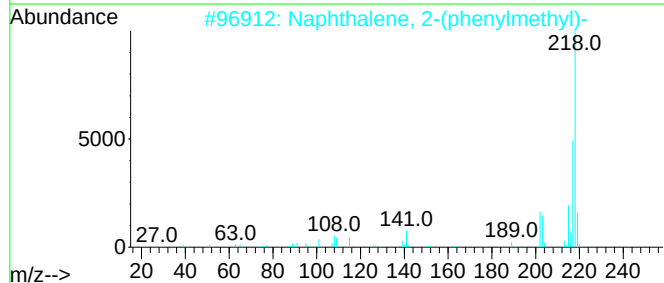
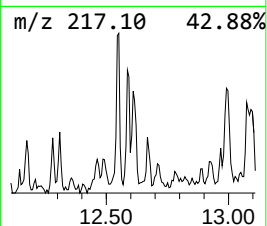
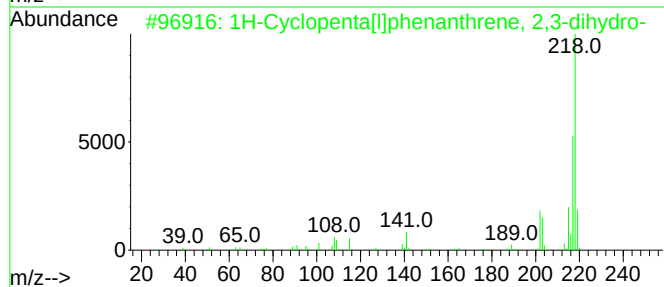
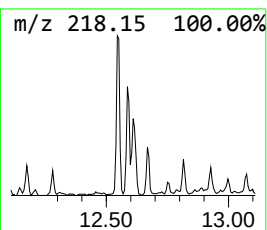
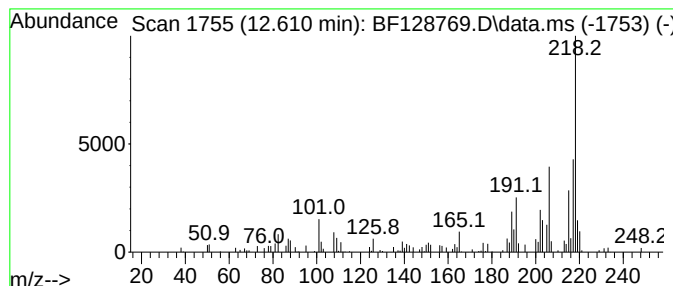
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1H-Cyclopenta[1]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	2.75 ng	65878	Phenanthrene-d10	11.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	60
2			Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	60
3			Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	50
4			6-Benzyl-2-thiouracil	218	C11H10N2OS	006336-50-1	43
5			1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	43



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ALS Vial : 16 Sample Multiplier: 1

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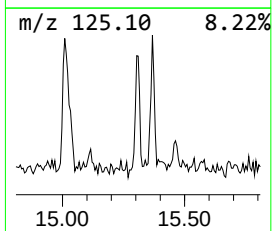
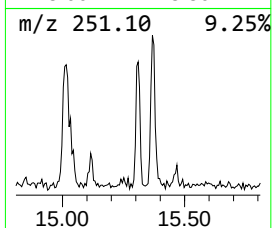
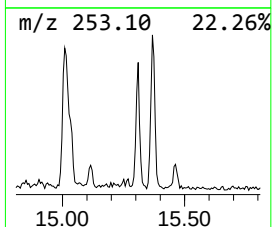
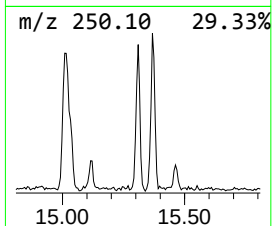
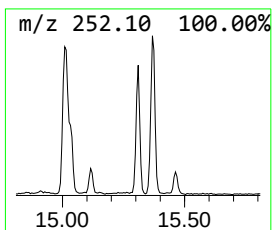
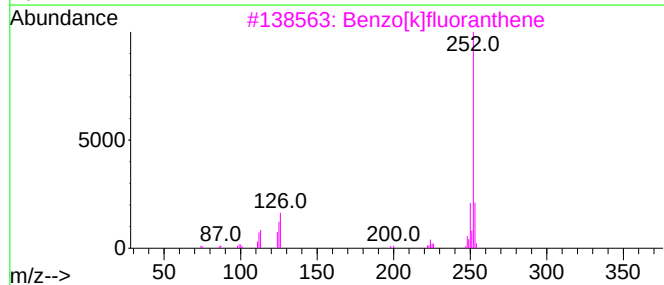
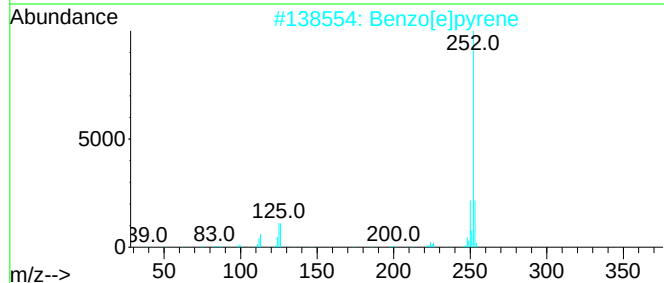
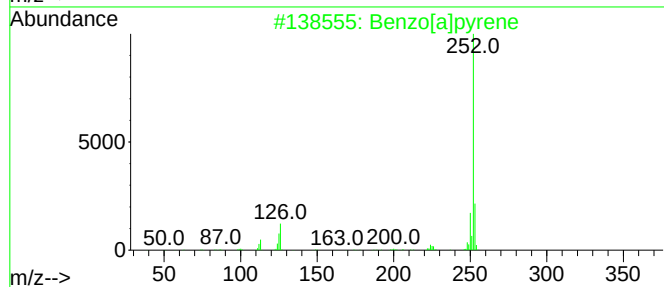
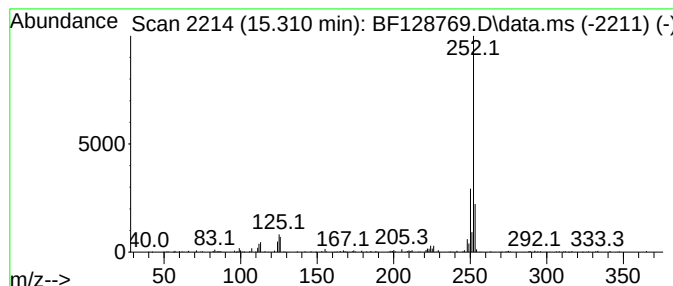
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	7.21 ng	134216	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	90
2			Benzo[e]pyrene	252	C20H12	000192-97-2	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128769.D
Acq On : 10 Jun 2022 20:15
Operator : CG\JU
Sample : N3299-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-15

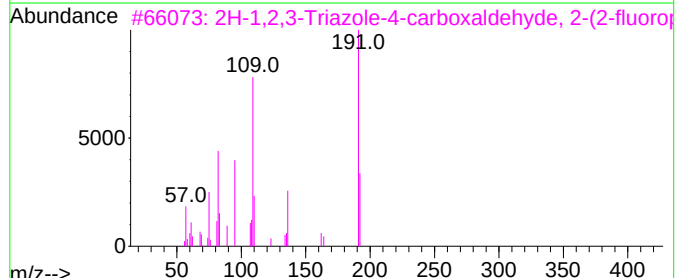
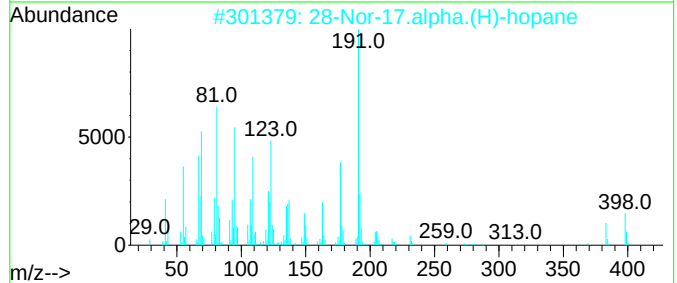
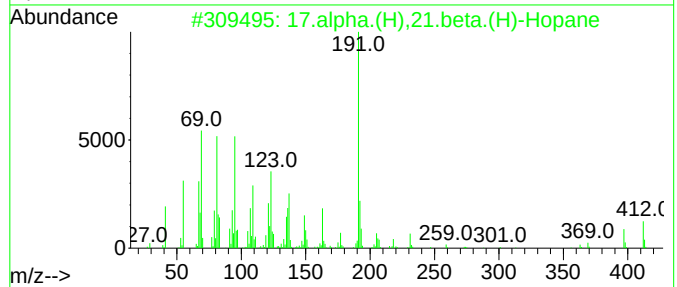
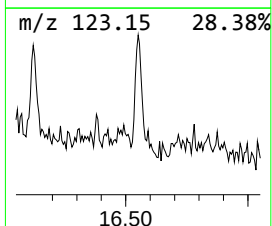
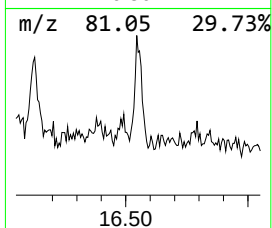
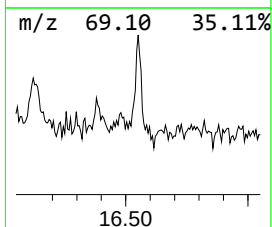
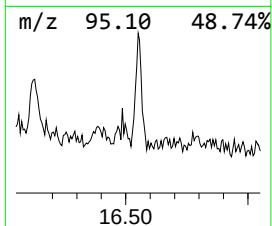
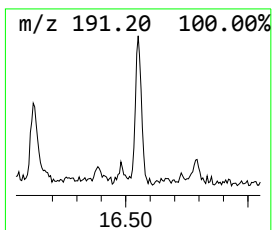
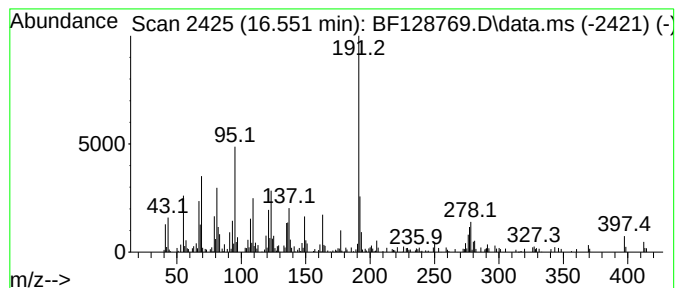
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.551	10.26 ng	191027	Perylene-d12	15.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	50
2			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	45
3			2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
4			5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35
5			4-Fluoro-2-trifluoromethylbenzoic...	376	C20H28F4O2	1000338-49-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128769.D
 Acq On : 10 Jun 2022 20:15
 Operator : CG\JU
 Sample : N3299-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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
3-Hexen-2-one	4.375	6.5	ng	126568	1	6.798	391516	20.0
2-Pentanone, 4-...	5.057	277.4	ng	5429590	1	6.798	391516	20.0
1-Hexanol, 2-et...	6.863	21.9	ng	428161	1	6.798	391516	20.0
Hexadecane	9.239	3.1	ng	81836	3	9.839	523495	20.0
Naphthalene, 1-...	11.622	6.1	ng	145505	4	11.328	478798	20.0
Phenanthrene, 1...	11.827	10.8	ng	258521	4	11.328	478798	20.0
Phenanthrene, 2...	11.857	11.1	ng	265746	4	11.328	478798	20.0
Anthracene, 1-m...	11.939	13.2	ng	314804	4	11.328	478798	20.0
Phenanthrene, 9...	11.963	10.4	ng	249659	4	11.328	478798	20.0
Pentadecane	12.027	3.6	ng	85665	4	11.328	478798	20.0
5,16[1',2']:8,1...	12.127	14.2	ng	340928	4	11.328	478798	20.0
9,10-Anthracene...	12.151	6.8	ng	163871	4	11.328	478798	20.0
Phenanthrene, 4...	12.275	2.6	ng	62506	4	11.328	478798	20.0
Phenanthrene, 2...	12.380	5.3	ng	128172	4	11.328	478798	20.0
Phenanthrene, 3...	12.416	4.3	ng	103601	4	11.328	478798	20.0
Cyclopenta(def)...	12.463	6.2	ng	147535	4	11.328	478798	20.0
1H-Cyclopenta[1...	12.610	2.8	ng	65878	4	11.328	478798	20.0
Benzo[e]pyrene	15.310	7.2	ng	134216	6	15.433	372371	20.0
17.alpha.(H),21...	16.551	10.3	ng	191027	6	15.433	372371	20.0