

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
 Data File : BF133812.D
 Acq On : 16 Jun 2023 18:03
 Operator : CG\JU
 Sample : 03223-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-04

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133812.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	17	rVB	201248	254472	22.11%	1.813%
2	5.087	507	510	519	rBV	70103	76643	6.66%	0.546%
3	5.487	574	578	589	rVB	928345	903598	78.50%	6.437%
4	6.493	745	749	752	rBV	1081892	967914	84.09%	6.895%
5	6.698	780	784	788	rBV3	11484	15016	1.30%	0.107%
6	6.863	808	812	816	rBV	736737	557423	48.43%	3.971%
7	7.422	903	907	910	rBV	657309	566269	49.20%	4.034%
8	8.140	1026	1029	1033	rBV	812556	661828	57.50%	4.714%
9	9.216	1208	1212	1215	rBV	1504948	1151024	100.00%	8.199%
10	9.757	1301	1304	1309	rBV	39759	32609	2.83%	0.232%
11	9.898	1324	1328	1331	rBV	843585	668004	58.04%	4.758%
12	9.928	1331	1333	1338	rVB	47011	38704	3.36%	0.276%
13	10.098	1359	1362	1367	rVB2	25737	27915	2.43%	0.199%
14	10.445	1418	1421	1425	rBV	31925	29130	2.53%	0.208%
15	10.610	1445	1449	1453	rBV	251609	209899	18.24%	1.495%
16	10.686	1458	1462	1473	rBV	747421	641574	55.74%	4.570%
17	10.816	1479	1484	1488	rBV3	21975	31353	2.72%	0.223%
18	10.922	1499	1502	1505	rVB	37470	30484	2.65%	0.217%
19	10.998	1509	1515	1517	rBV4	11370	18133	1.58%	0.129%
20	11.192	1546	1548	1551	rBV	23359	21279	1.85%	0.152%
21	11.286	1561	1564	1568	rVB	24865	23381	2.03%	0.167%
22	11.392	1578	1582	1584	rBV	633525	605630	52.62%	4.314%
23	11.416	1584	1586	1589	rVV	328763	259146	22.51%	1.846%
24	11.463	1589	1594	1597	rVB	83101	77944	6.77%	0.555%
25	11.622	1615	1621	1629	rBV2	42512	62774	5.45%	0.447%
26	11.686	1629	1632	1636	rVB4	20206	20275	1.76%	0.144%
27	11.892	1663	1667	1669	rBV	50426	53225	4.62%	0.379%
28	11.922	1669	1672	1676	rVV2	168616	164240	14.27%	1.170%
29	11.969	1678	1680	1683	rVB	26935	22965	2.00%	0.164%
30	12.004	1683	1686	1689	rBV	85434	101073	8.78%	0.720%
31	12.098	1695	1702	1704	rBV7	18778	33056	2.87%	0.235%
32	12.192	1715	1718	1720	rBV	40973	34944	3.04%	0.249%
33	12.216	1720	1722	1726	rVB2	39360	32504	2.82%	0.232%
34	12.375	1746	1749	1751	rBV	14825	15010	1.30%	0.107%
35	12.445	1758	1761	1764	rBV	43216	46661	4.05%	0.332%
36	12.486	1765	1768	1770	rVV3	31068	32038	2.78%	0.228%

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Integrator: RTE

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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-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.533	1773	1776	1782	rBV	45242	54137	4.70%	0.386%
38	12.610	1785	1789	1794	rBV	827801	707011	61.42%	5.036%
39	12.710	1803	1806	1809	rBV2	60652	70941	6.16%	0.505%
40	12.763	1813	1815	1821	rVV	34619	48161	4.18%	0.343%
41	12.839	1822	1828	1834	rVV	681816	765098	66.47%	5.450%
42	12.892	1834	1837	1841	rVB2	26942	34603	3.01%	0.246%
43	12.986	1849	1853	1860	rVB	1264458	1097907	95.39%	7.821%
44	13.063	1861	1866	1869	rBV3	54457	91710	7.97%	0.653%
45	13.145	1878	1880	1881	rBV	36383	28439	2.47%	0.203%
46	13.169	1882	1884	1887	rVB	94990	87370	7.59%	0.622%
47	13.239	1893	1896	1898	rVB	63152	50595	4.40%	0.360%
48	13.275	1899	1902	1905	rBV2	69220	68838	5.98%	0.490%
49	13.369	1915	1918	1920	rBV	40123	34833	3.03%	0.248%
50	13.398	1921	1923	1926	rVV	38629	35524	3.09%	0.253%
51	13.680	1968	1971	1973	rBV	62568	48311	4.20%	0.344%
52	13.792	1987	1990	1993	rBV2	48563	61288	5.32%	0.437%
53	13.822	1993	1995	1997	rVV	40136	35346	3.07%	0.252%
54	13.845	1997	1999	2004	rVV2	39760	59559	5.17%	0.424%
55	13.892	2005	2007	2014	rVB2	84242	109928	9.55%	0.783%
56	14.045	2028	2033	2036	rBV2	627106	826961	71.85%	5.891%
57	14.074	2036	2038	2043	rVB	297832	246306	21.40%	1.755%
58	15.110	2210	2214	2217	rBV	205229	304195	26.43%	2.167%
59	15.427	2265	2268	2274	rVB	118032	159456	13.85%	1.136%
60	15.492	2275	2279	2283	rBV	159746	191225	16.61%	1.362%
61	15.557	2286	2290	2294	rBV	246381	332321	28.87%	2.367%

Sum of corrected areas: 14038200

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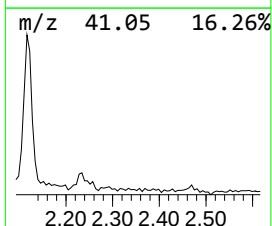
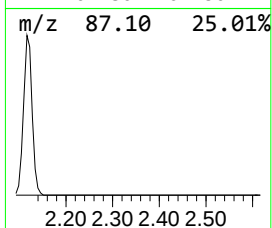
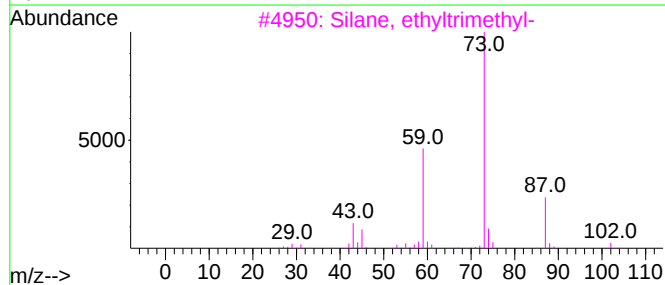
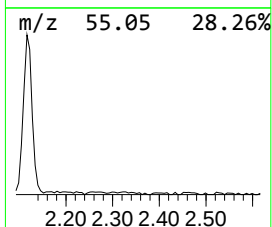
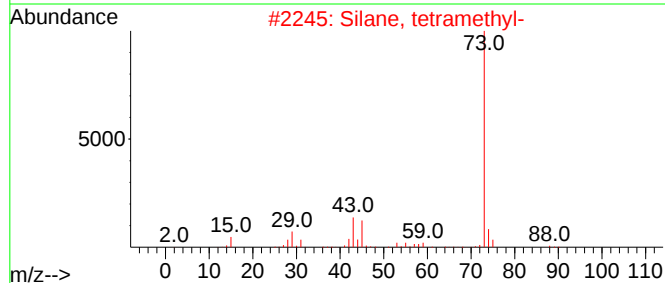
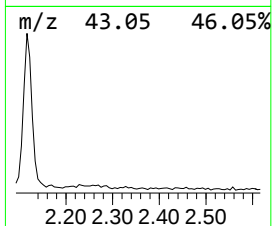
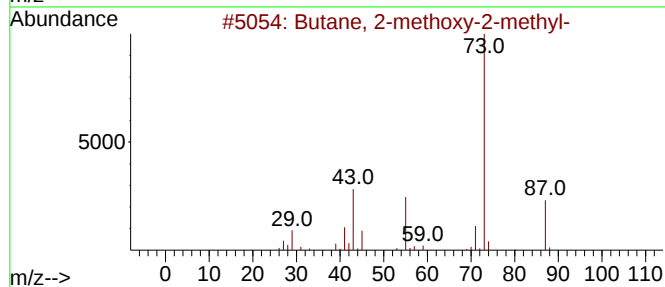
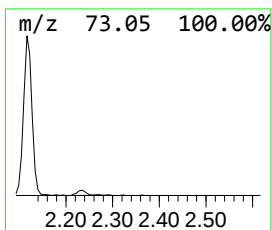
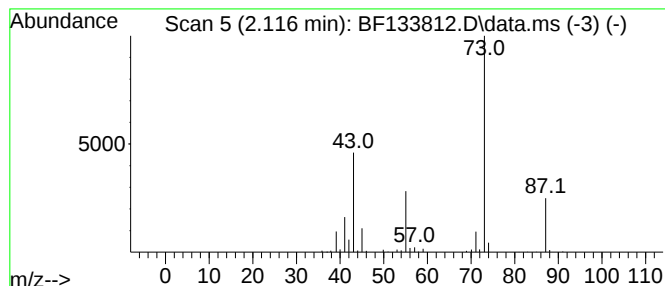
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	9.13 ng	254472	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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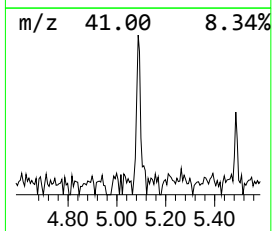
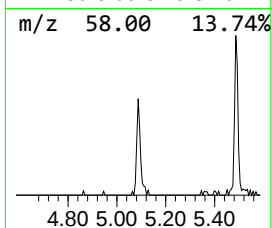
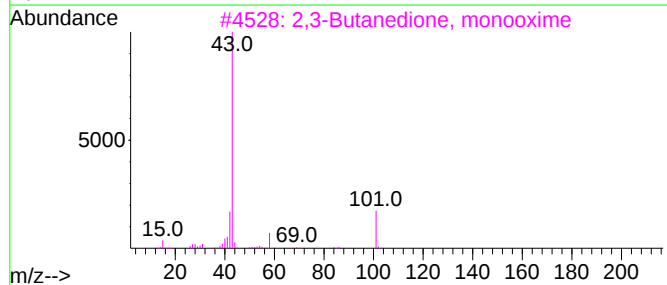
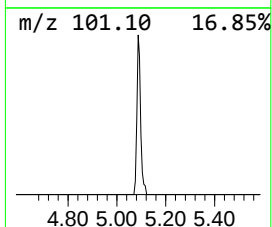
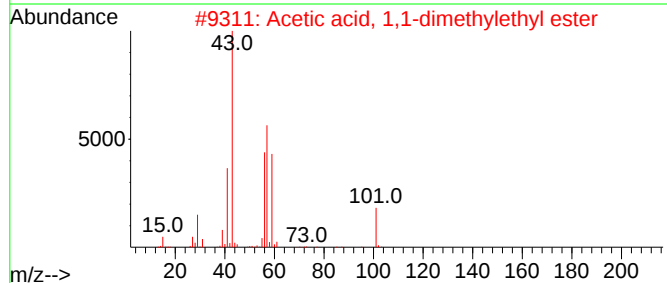
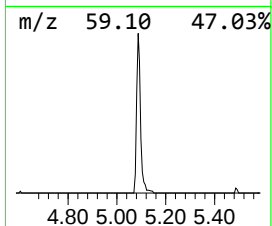
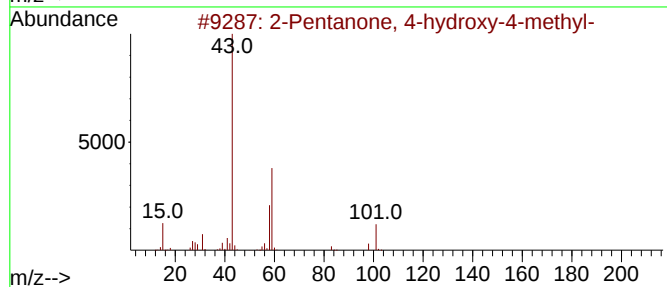
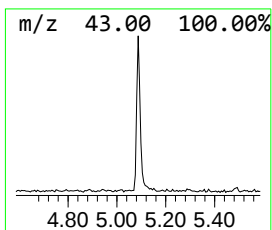
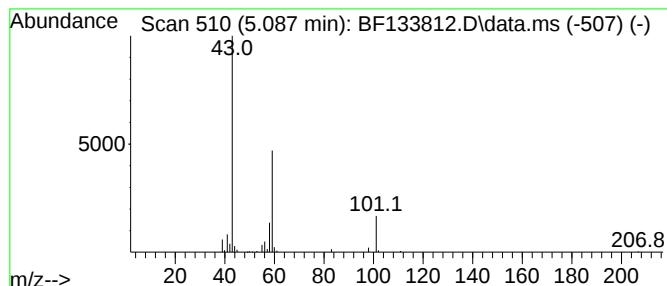
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.75 ng	76643	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9



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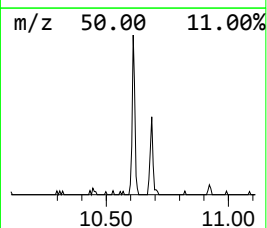
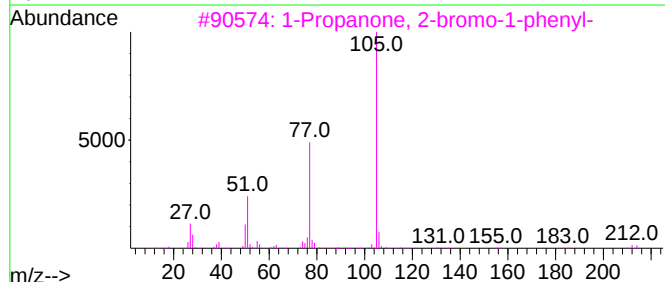
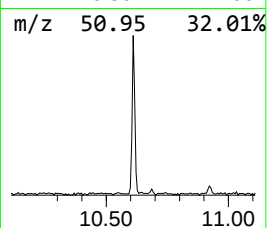
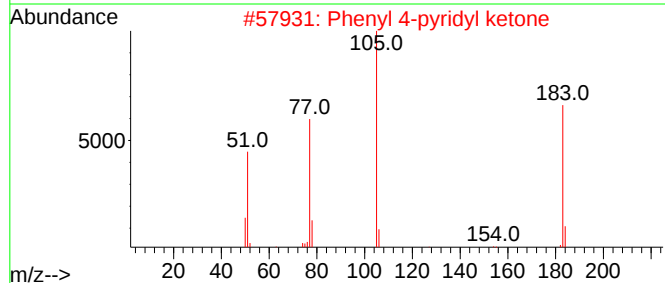
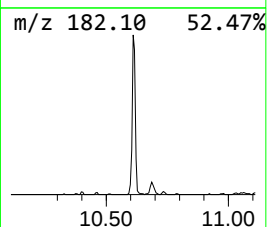
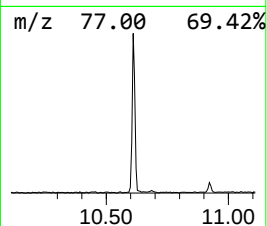
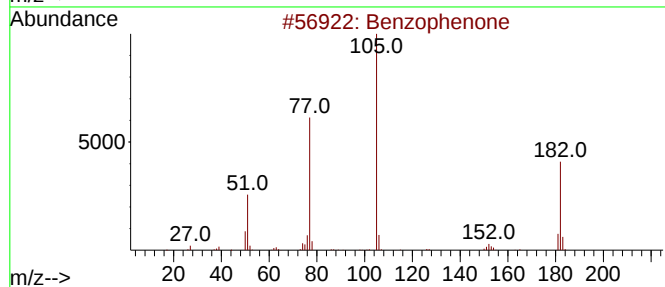
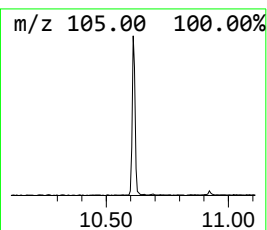
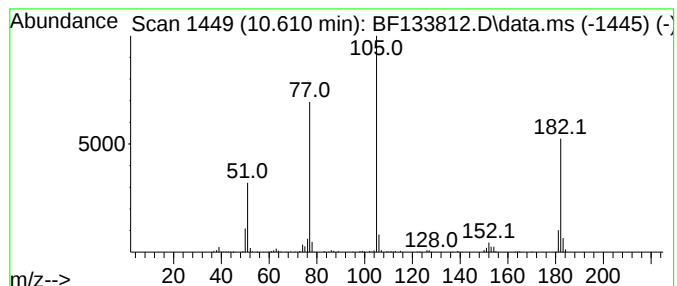
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.28 ng	209899	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47
5			N-cyanobenzamide	146	C8H6N2O	015150-25-1	47



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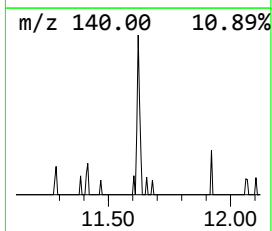
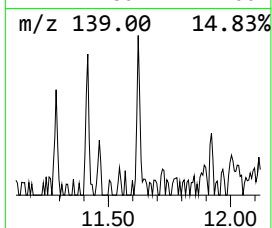
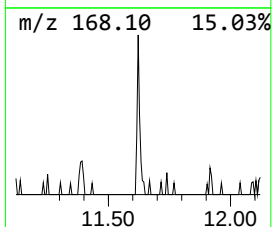
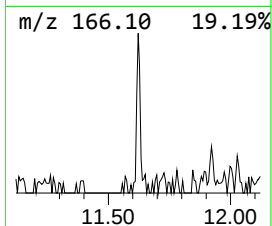
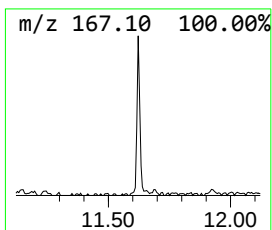
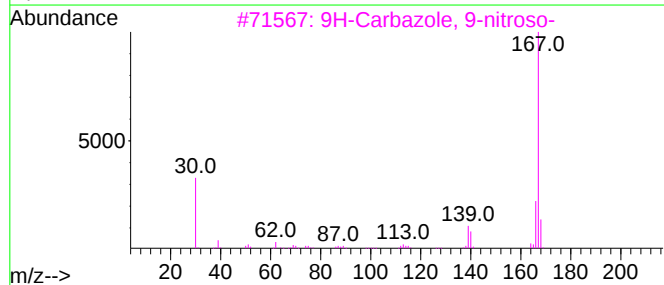
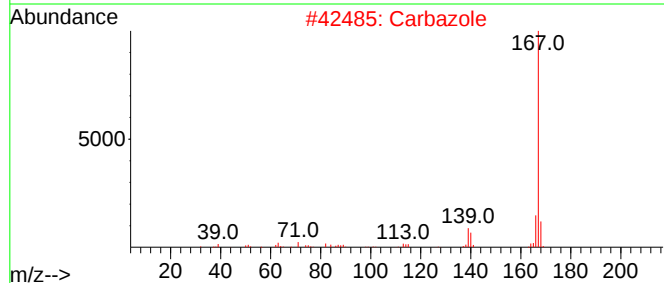
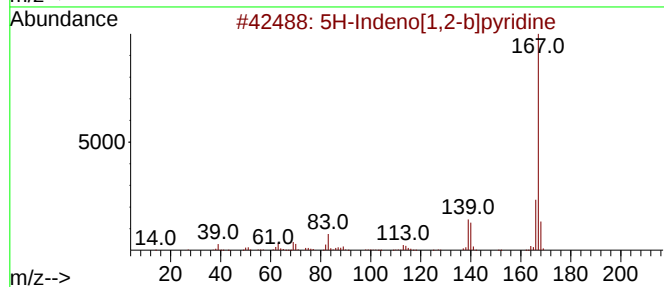
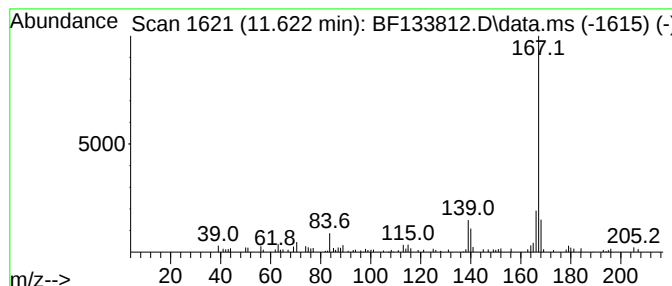
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.622	2.07 ng	62774	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine		167	C12H9N	000244-99-5	93
2	Carbazole		167	C12H9N	000086-74-8	91
3	9H-Carbazole, 9-nitroso-		196	C12H8N2O	002788-23-0	78
4	Benzene, 1,1'-(bromomethylene)bis-		246	C13H11Br	000776-74-9	64
5	2-Naphthylacetonitrile		167	C12H9N	007498-57-9	59



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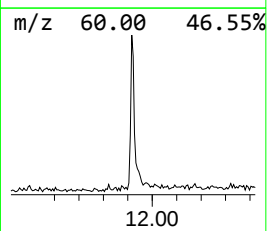
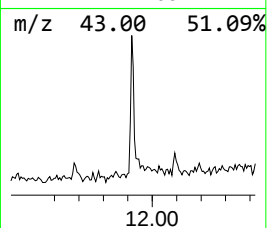
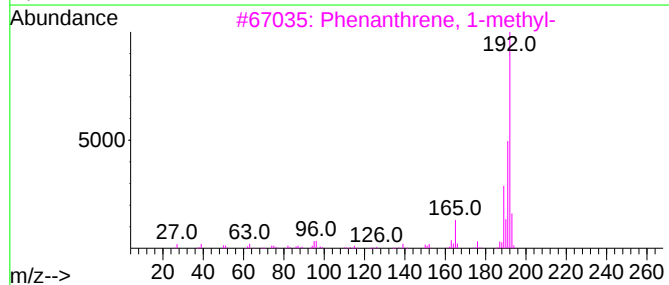
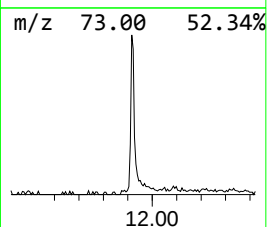
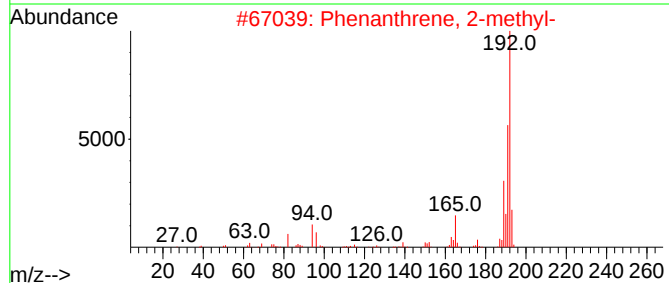
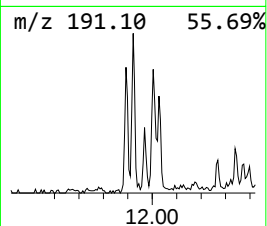
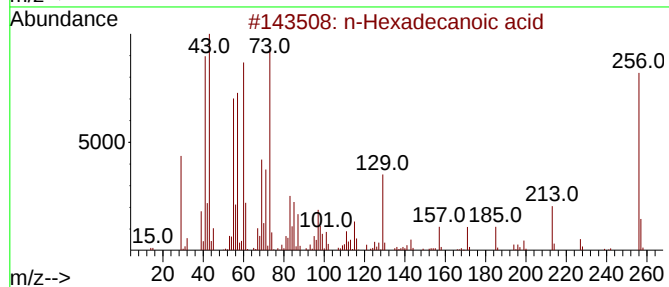
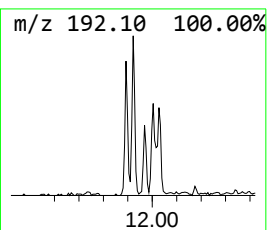
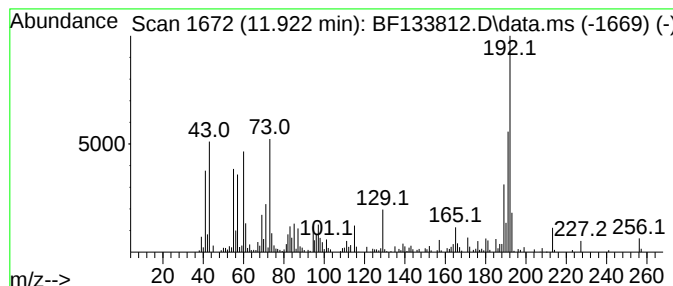
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.42 ng	164240	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-04

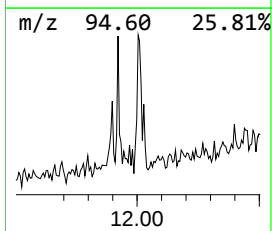
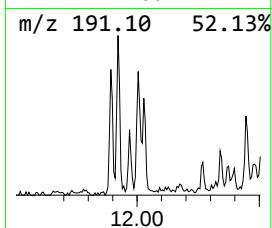
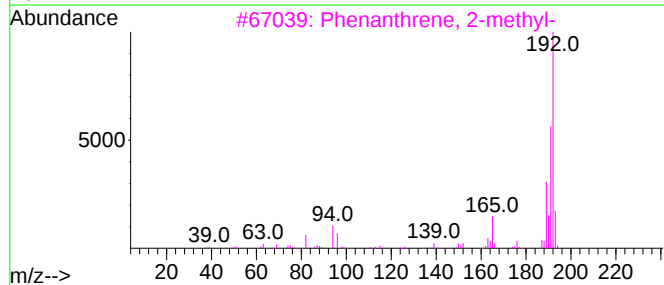
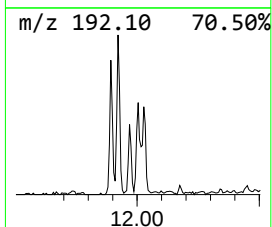
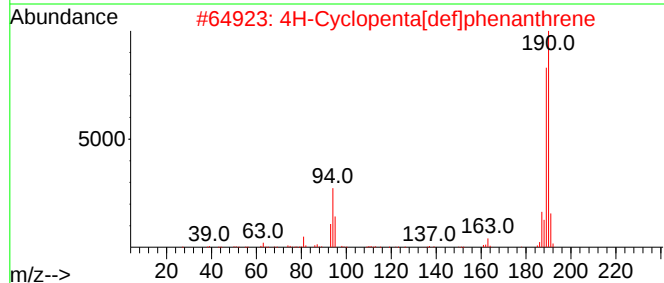
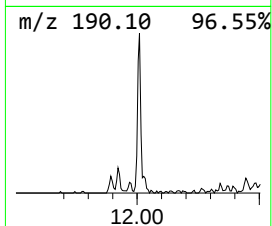
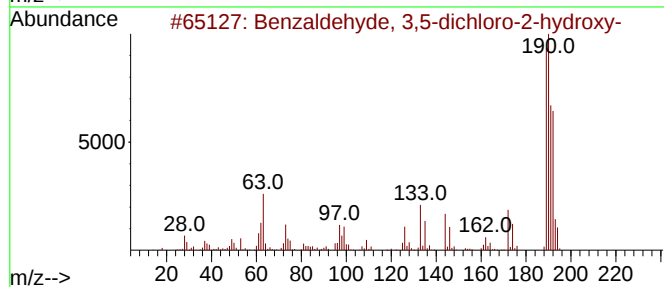
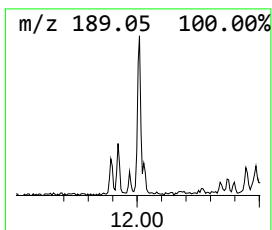
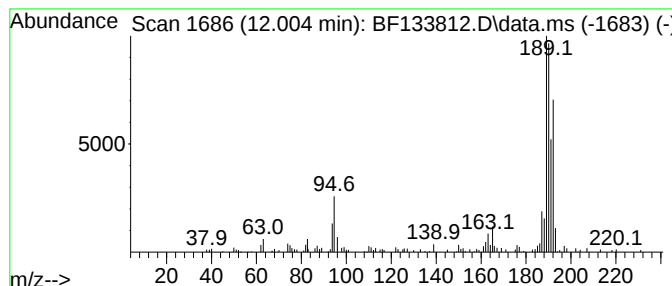
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.34 ng	101073	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

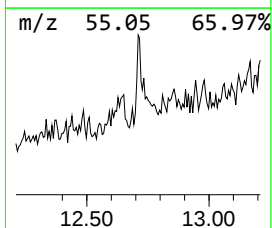
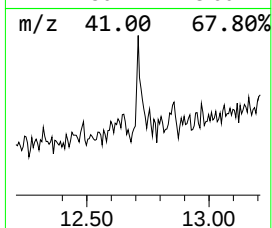
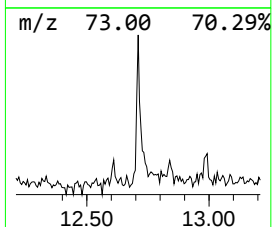
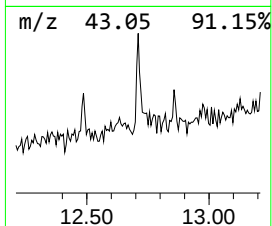
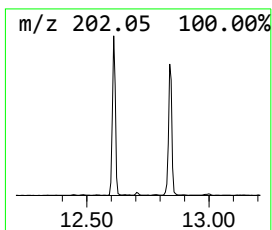
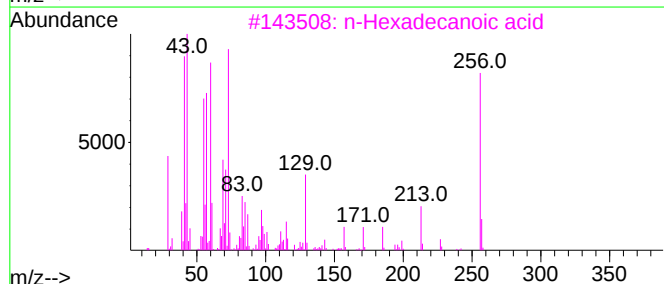
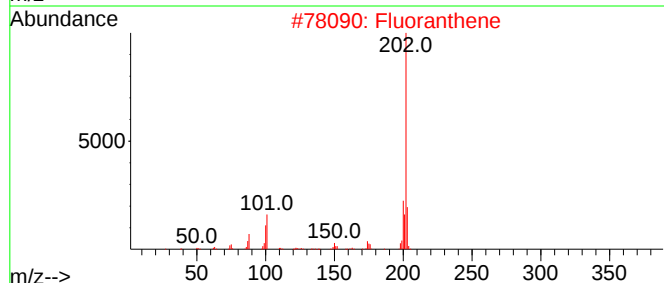
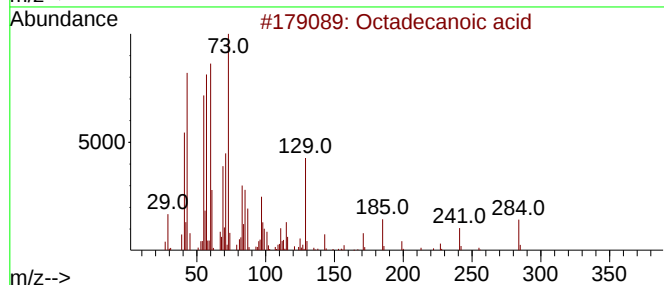
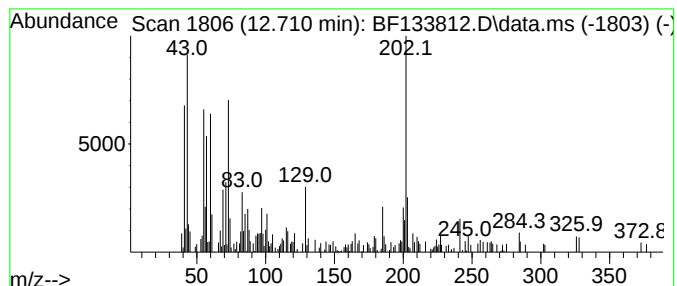
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ClientSampleId :
COMPOSIT-SB-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.710	2.34 ng	70941	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	81
2	Fluoranthene		202	C16H10	000206-44-0	56
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	47
4	Pyrene		202	C16H10	000129-00-0	42
5	Benzene, 1,1'-(1,3-butadiyne-1,4...		202	C16H10	000886-66-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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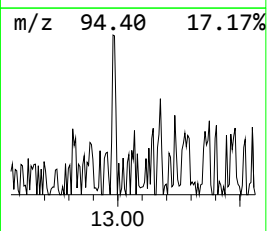
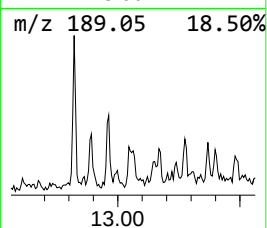
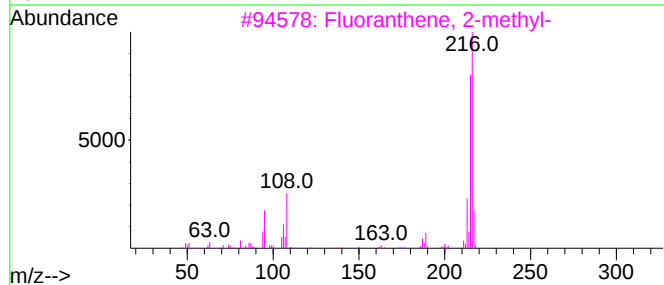
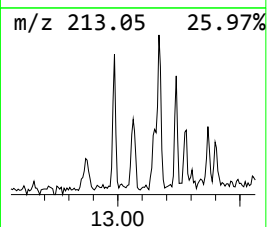
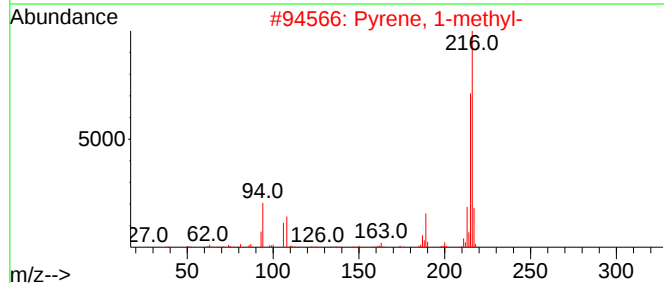
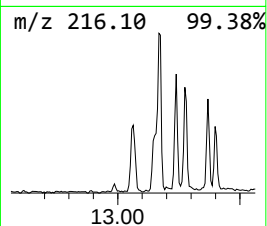
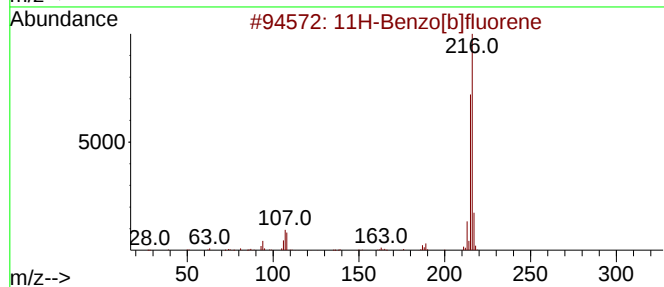
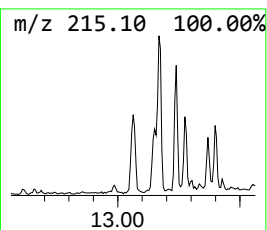
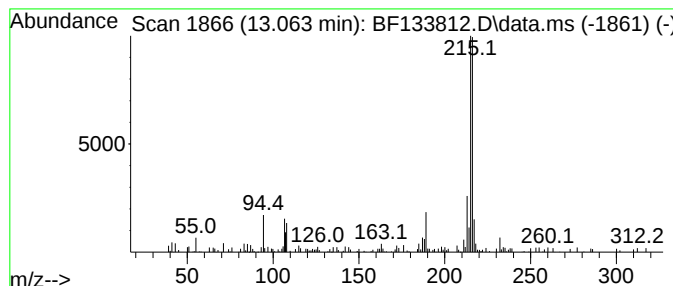
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.22 ng	91710	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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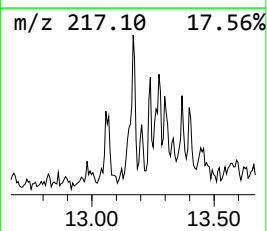
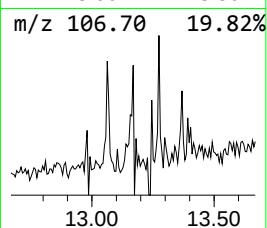
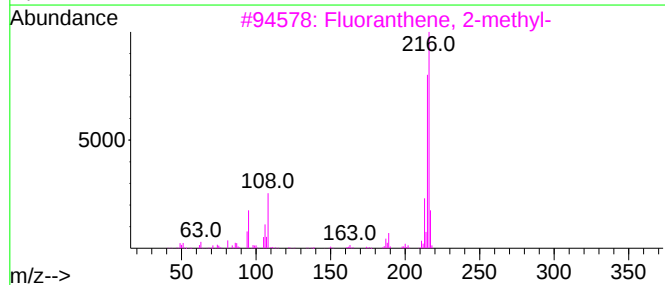
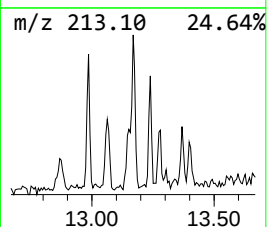
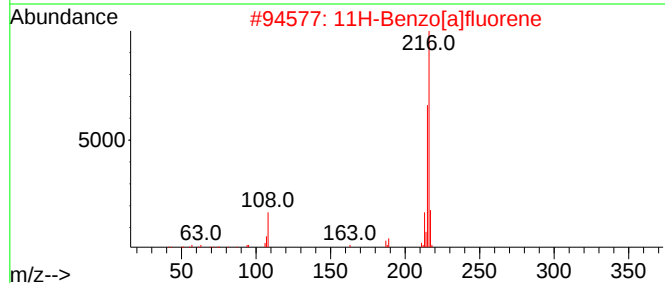
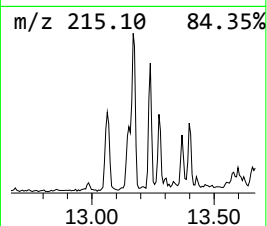
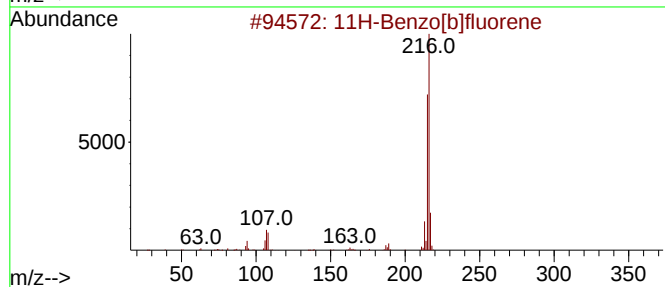
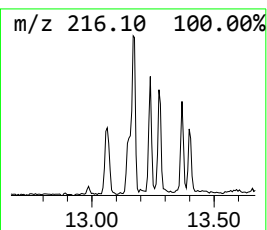
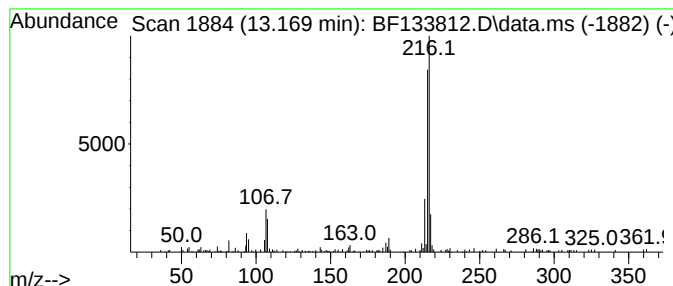
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.11 ng	87370	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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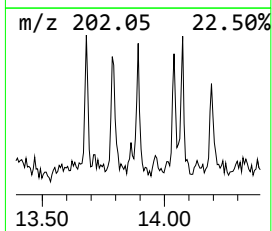
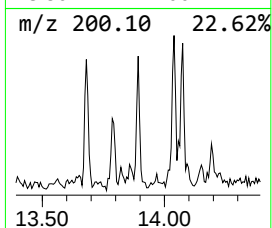
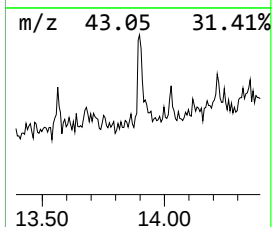
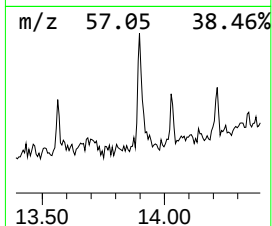
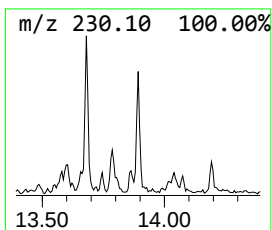
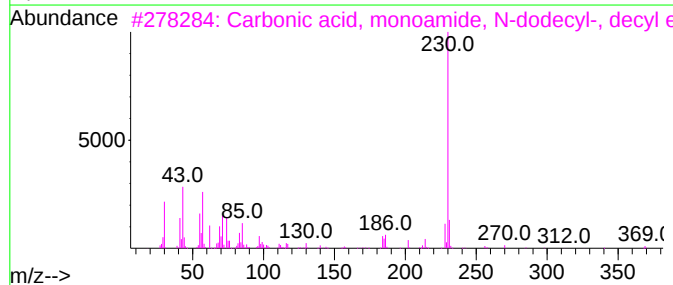
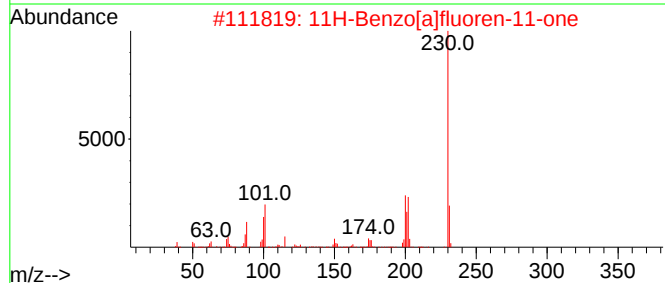
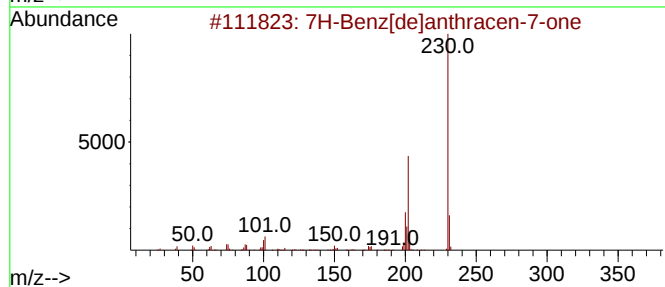
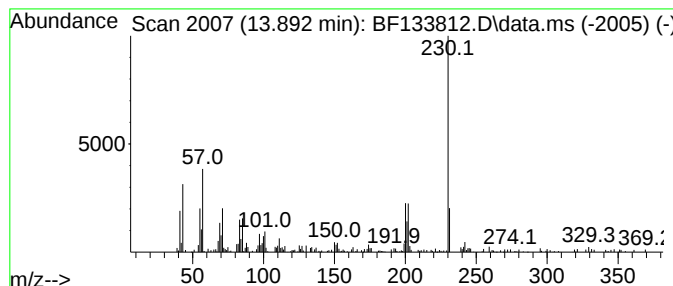
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.66 ng	109928	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	68
3		Carbonic acid, monoamide, N-dodecyl-, decyl-	369	C23H47NO2	1000415-18-7	52
4		o-Terphenyl	230	C18H14	000084-15-1	47
5		m-Terphenyl	230	C18H14	000092-06-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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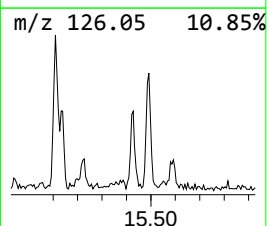
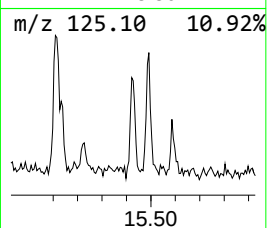
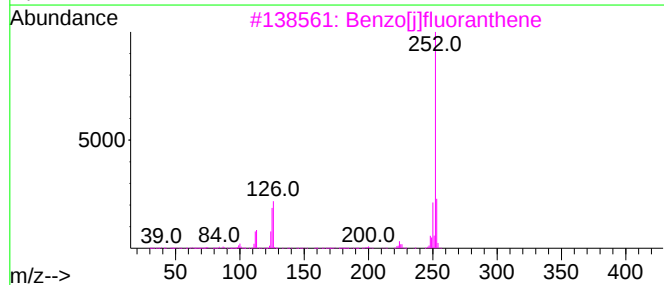
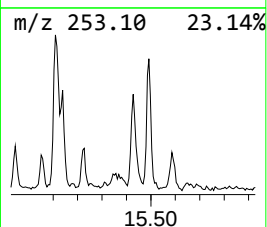
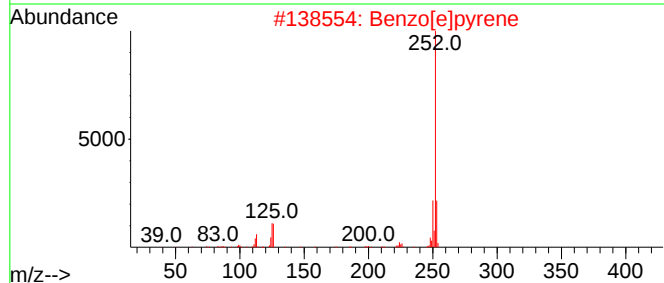
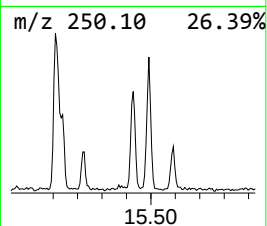
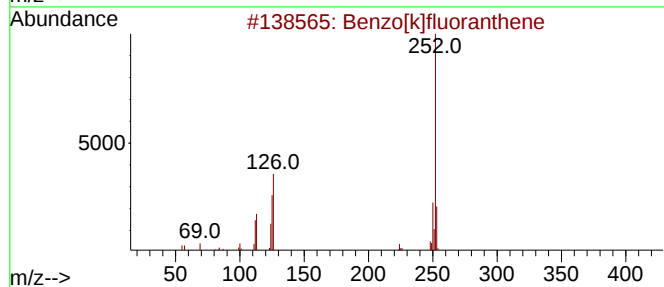
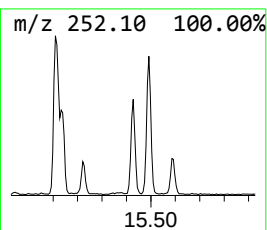
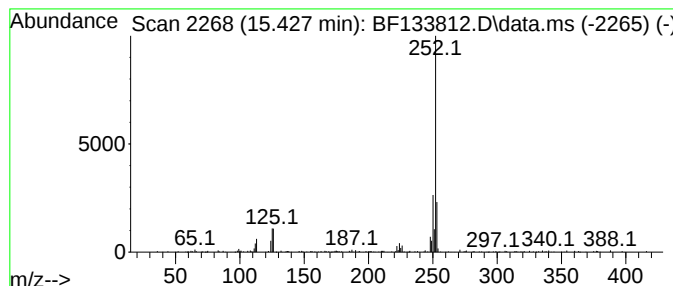
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	9.60 ng	159456	Perylene-d12	15.557

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061623\
Data File : BF133812.D
Acq On : 16 Jun 2023 18:03
Operator : CG\JU
Sample : 03223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.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
Butane, 2-metho...	2.116	9.1	ng	254472	1	6.863	557423	20.0
2-Pentanone, 4-...	5.087	2.8	ng	76643	1	6.863	557423	20.0
Benzophenone	10.610	6.3	ng	209899	3	9.898	668004	20.0
5H-Indeno[1,2-b...	11.622	2.1	ng	62774	4	11.392	605630	20.0
n-Hexadecanoic ...	11.922	5.4	ng	164240	4	11.392	605630	20.0
Benzaldehyde, 3...	12.004	3.3	ng	101073	4	11.392	605630	20.0
Octadecanoic acid	12.710	2.3	ng	70941	4	11.392	605630	20.0
11H-Benzo[b]flu...	13.063	2.2	ng	91710	5	14.051	826961	20.0
11H-Benzo[a]flu...	13.169	2.1	ng	87370	5	14.051	826961	20.0
7H-Benz[de]anth...	13.892	2.7	ng	109928	5	14.051	826961	20.0
Perylene	15.427	9.6	ng	159456	6	15.557	332321	20.0