

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133246.D
 Acq On : 04 May 2023 23:10
 Operator : CG\JU
 Sample : 02603-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUR-SOILCOMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	475	479	487	rVB	194765	226957	6.41%	0.607%
2	5.328	547	551	555	rBV	2734000	2556636	72.17%	6.835%
3	6.363	722	727	730	rBV	3072359	2708898	76.47%	7.242%
4	6.722	785	788	792	rBV	1249709	1032428	29.15%	2.760%
5	7.287	875	884	887	rBV	2331616	1881248	53.11%	5.029%
6	7.851	973	980	982	rVB4	68064	81041	2.29%	0.217%
7	7.916	987	991	995	rBV3	91471	95951	2.71%	0.257%
8	8.010	1002	1007	1010	rBV	1834911	1545844	43.64%	4.133%
9	8.304	1053	1057	1060	rVB4	194974	196800	5.56%	0.526%
10	8.334	1060	1062	1064	rBV2	93738	85131	2.40%	0.228%
11	8.392	1070	1072	1075	rBV3	121818	131348	3.71%	0.351%
12	8.457	1078	1083	1084	rVV4	146828	180475	5.09%	0.482%
13	8.475	1084	1086	1089	rVB3	210950	186740	5.27%	0.499%
14	8.516	1089	1093	1095	rBV2	220506	235571	6.65%	0.630%
15	8.557	1095	1100	1101	rBV3	96318	128948	3.64%	0.345%
16	8.610	1104	1109	1110	rBV6	119251	167664	4.73%	0.448%
17	8.634	1110	1113	1116	rBV5	110566	188702	5.33%	0.504%
18	8.698	1122	1124	1131	rVB7	207845	318107	8.98%	0.850%
19	8.757	1131	1134	1136	rBV2	184110	211551	5.97%	0.566%
20	8.781	1136	1138	1142	rBV3	136451	170606	4.82%	0.456%
21	8.816	1142	1144	1145	rBV2	123429	115698	3.27%	0.309%
22	8.834	1145	1147	1149	rBV	392701	279742	7.90%	0.748%
23	9.004	1173	1176	1178	rBV3	227531	226826	6.40%	0.606%
24	9.086	1185	1190	1193	rBV	3999294	3542383	100.00%	9.470%
25	9.122	1194	1196	1199	rBV3	240288	251779	7.11%	0.673%
26	9.163	1199	1203	1209	rBV6	833692	1342988	37.91%	3.590%
27	9.269	1218	1221	1224	rBV4	335399	440974	12.45%	1.179%
28	9.398	1240	1243	1246	rBV3	792760	925055	26.11%	2.473%
29	9.475	1254	1256	1258	rBV2	1013043	912359	25.76%	2.439%
30	9.586	1272	1275	1277	rVB3	621011	543746	15.35%	1.454%
31	9.634	1280	1283	1286	rBV4	860648	1208275	34.11%	3.230%
32	9.681	1288	1291	1294	rVB4	1589324	1681979	47.48%	4.497%
33	9.716	1294	1297	1299	rBV4	721873	870682	24.58%	2.328%
34	9.763	1303	1305	1309	rVB	1657893	1507673	42.56%	4.031%
35	10.181	1373	1376	1378	rBV2	1693479	1598364	45.12%	4.273%
36	12.845	1827	1829	1838	rVB	1624779	1972217	55.67%	5.273%

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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-BF042123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.880	2001	2005	2008	rBV2	1133364	1376589	38.86%	3.680%
38	13.910	2008	2010	2016	rVB	428876	439228	12.40%	1.174%
39	14.380	2087	2090	2094	rVB	1510817	1299460	36.68%	3.474%
40	14.510	2110	2112	2118	rVB	175705	174260	4.92%	0.466%
41	14.892	2173	2177	2180	rBV	636199	962058	27.16%	2.572%
42	15.174	2221	2225	2231	rVB	398746	505662	14.27%	1.352%
43	15.233	2231	2235	2241	rVV	527677	591093	16.69%	1.580%
44	15.292	2241	2245	2248	rVV	982748	1096972	30.97%	2.933%
45	15.321	2248	2250	2257	rVB3	171535	243124	6.86%	0.650%
46	15.745	2319	2322	2326	rBV2	61214	86950	2.45%	0.232%
47	16.657	2472	2477	2486	rVB2	279657	520484	14.69%	1.391%
48	17.068	2542	2547	2557	rVB	180810	358011	10.11%	0.957%

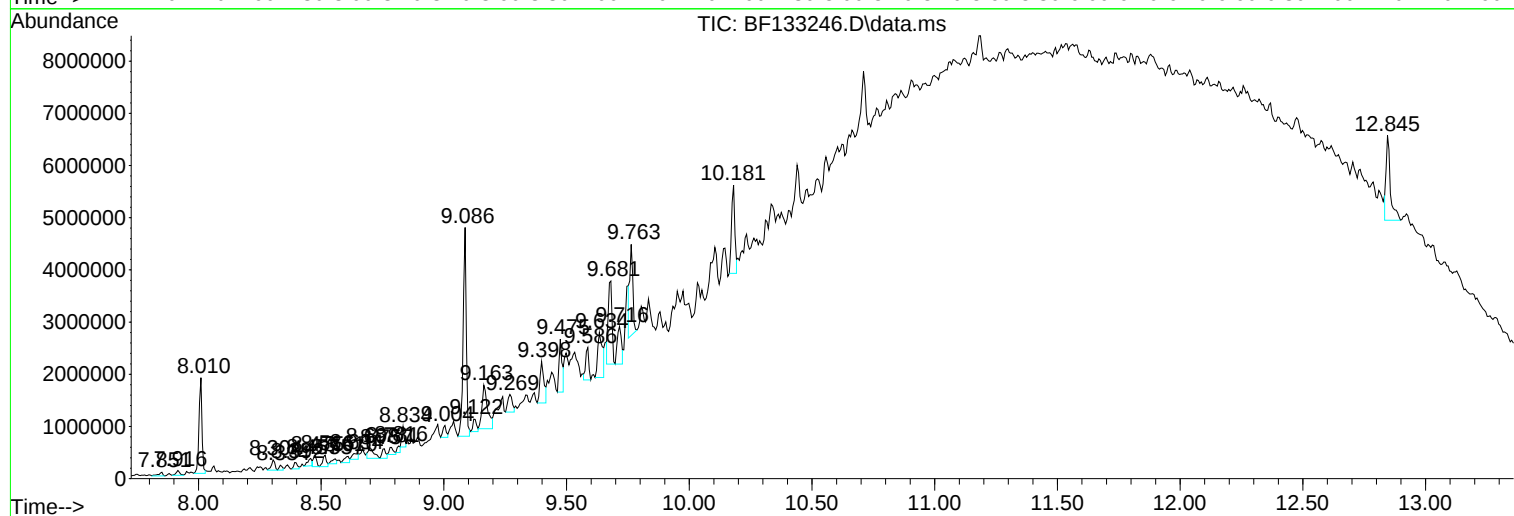
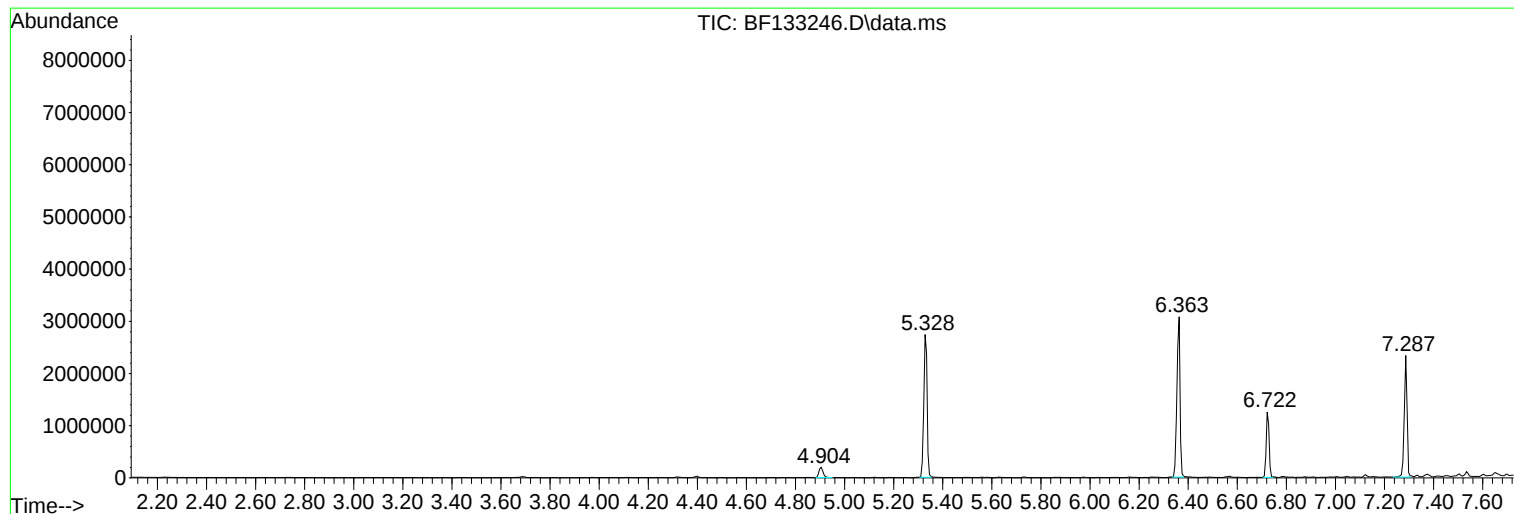
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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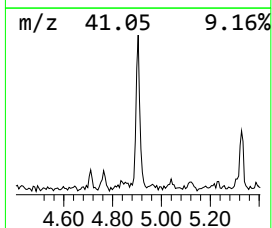
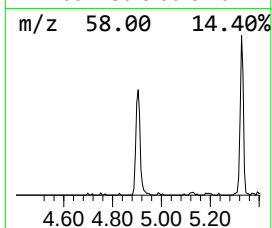
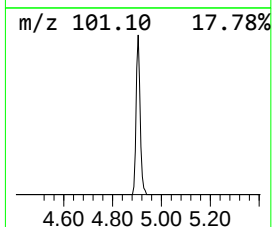
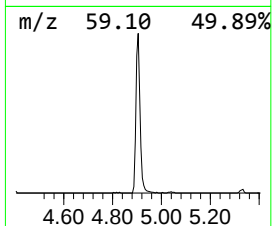
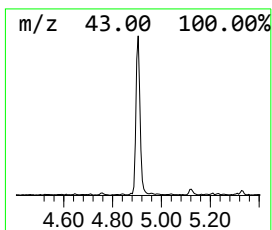
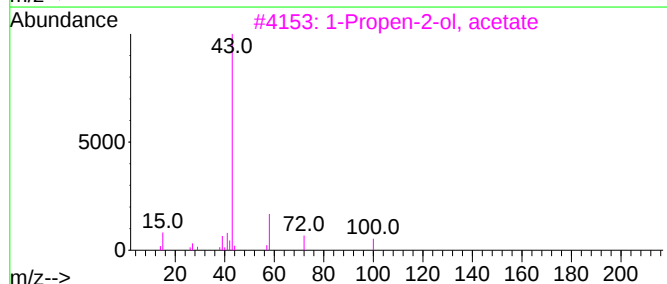
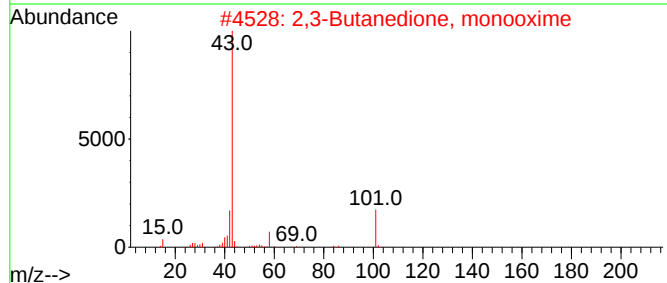
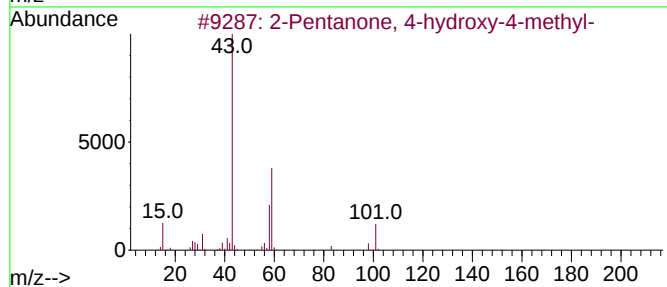
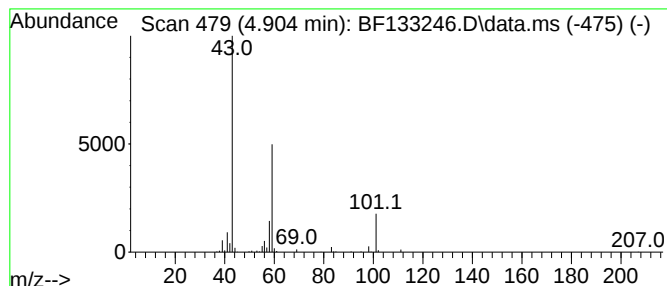
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.904	4.40 ng	226957	1,4-Dichlorobenzene-d4	6.722

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4			5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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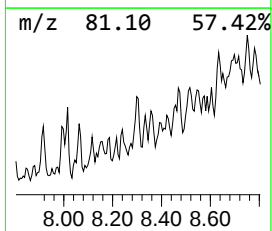
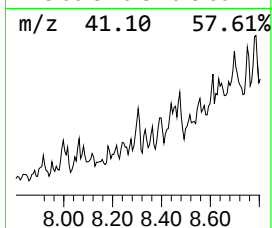
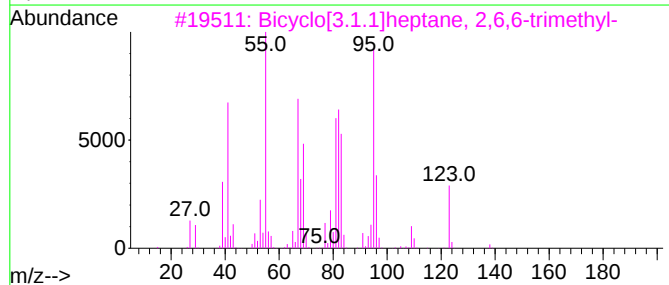
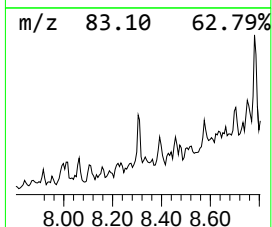
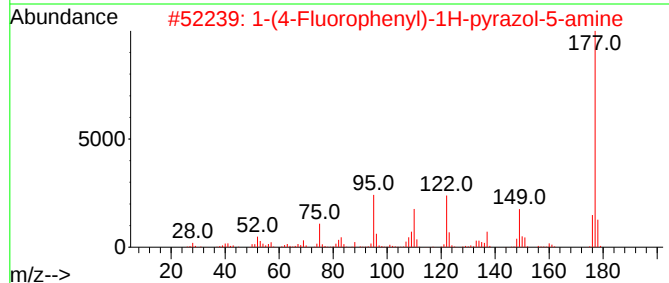
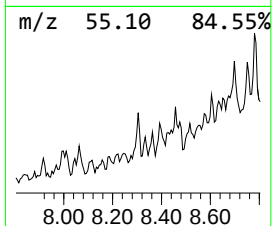
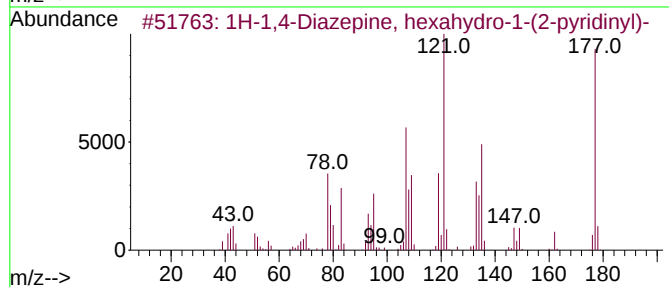
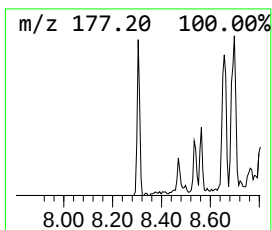
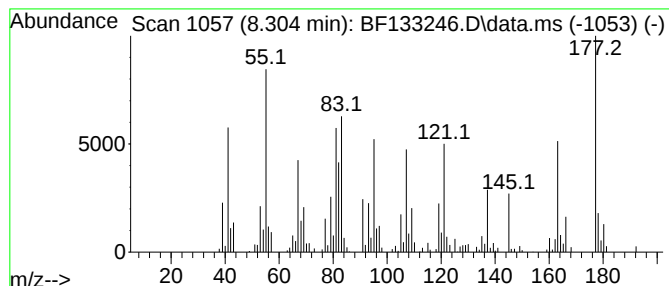
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown8.304 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.304	2.55 ng	196800	Naphthalene-d8	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,4-Diazepine, hexahydro-1-(2...	177	C10H15N3	1000337-93-1	47		
2	1-(4-Fluorophenyl)-1H-pyrazol-5-...	177	C9H8FN3	727967-95-5	25		
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	18		
4	3,5-Dodecadiene, 2-methyl-	180	C13H24	055638-51-2	15		
5	Cyclododecene, 1-methyl-	180	C13H24	023070-53-3	11		



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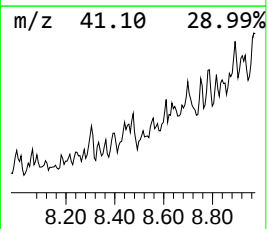
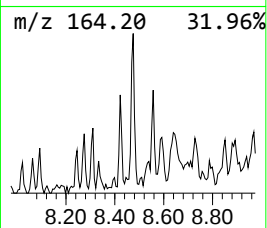
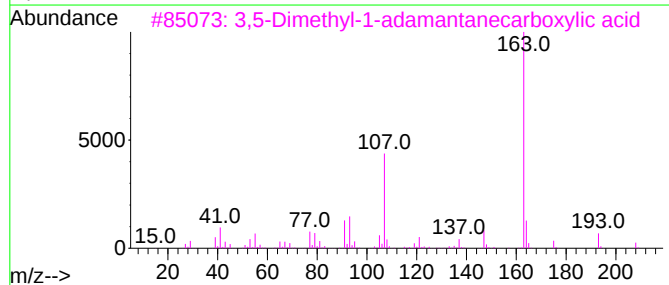
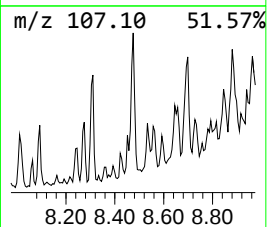
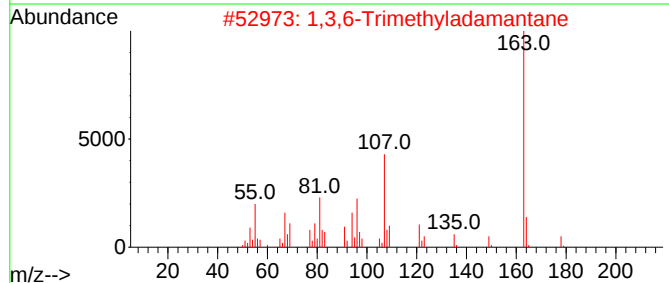
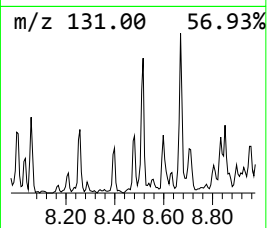
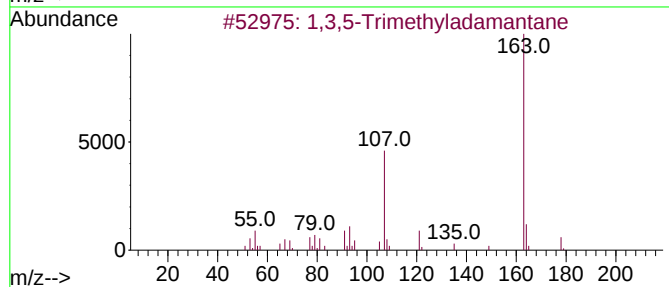
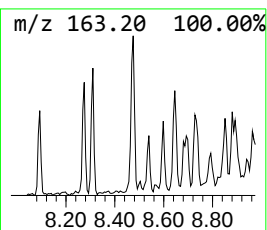
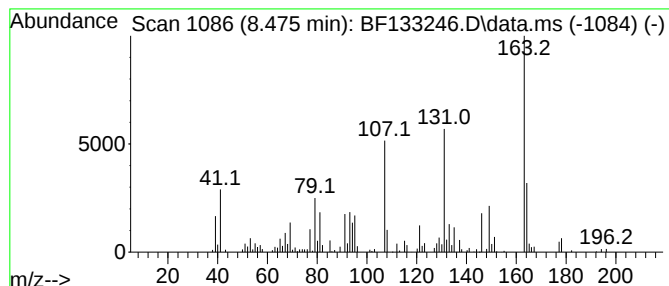
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown8.475 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	2.42 ng	186740	Naphthalene-d8	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	49
2			1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	49
3			3,5-Dimethyl-1-adamantanecarboxy...	208	C13H20O2	014670-94-1	47
4			1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	47
5			9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	46



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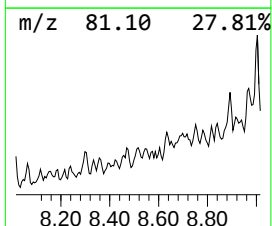
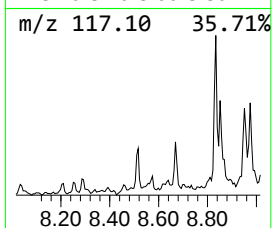
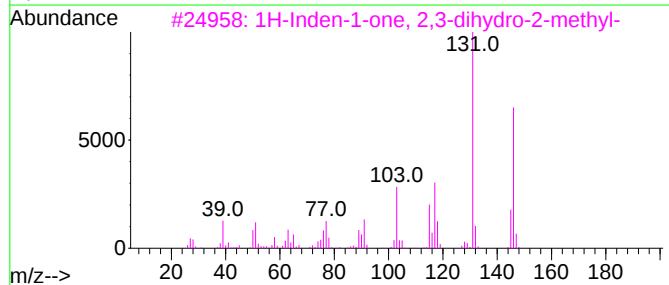
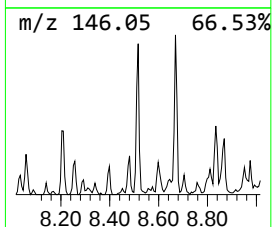
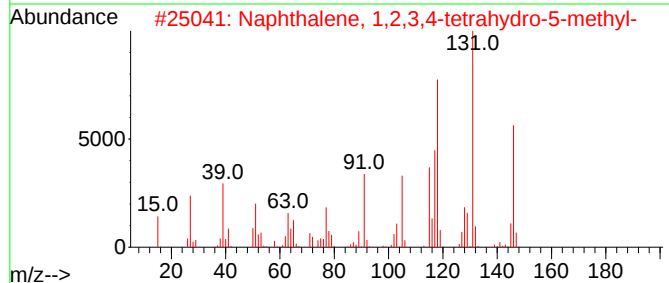
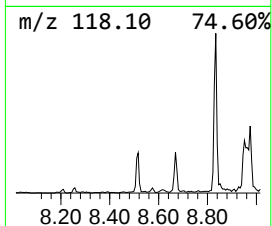
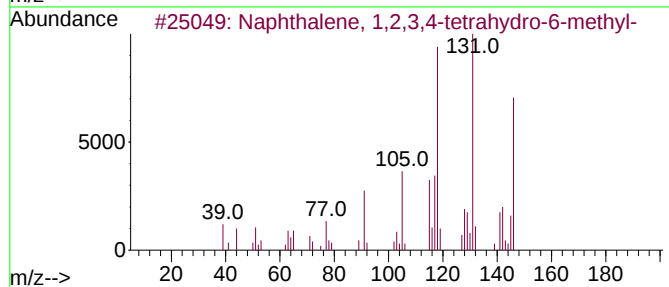
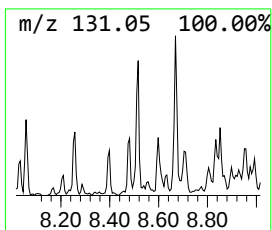
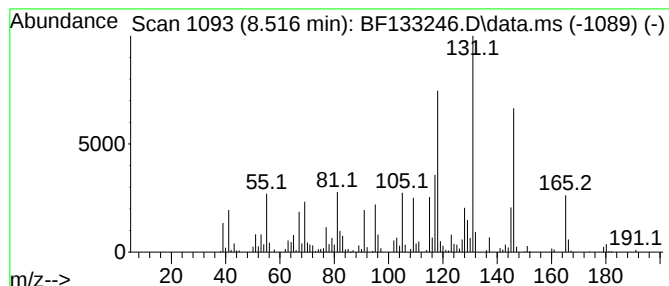
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.516	3.05 ng	235571	Naphthalene-d8	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
3			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49
4			1-Methylindan-2-one	146	C10H10O	035587-60-1	49
5			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	46



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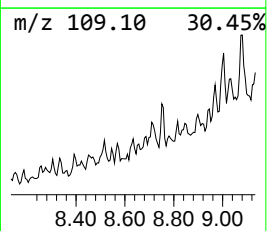
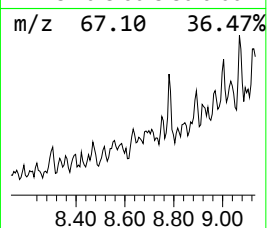
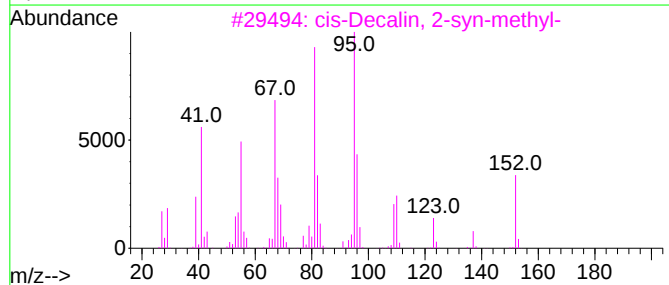
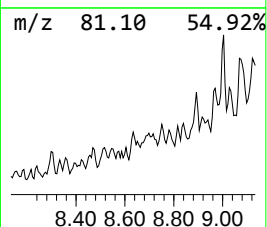
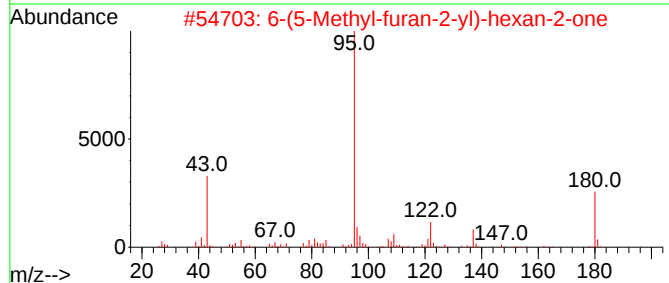
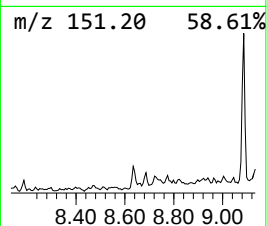
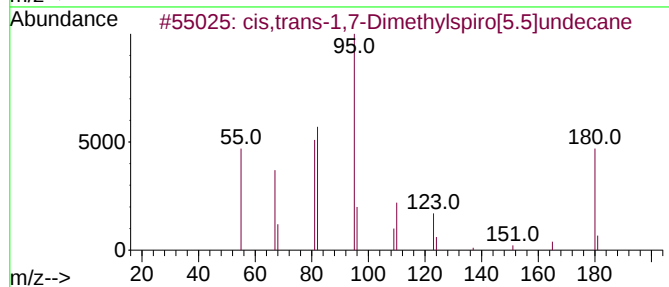
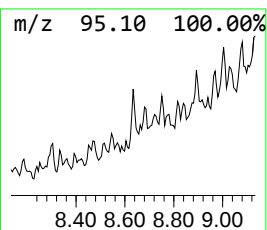
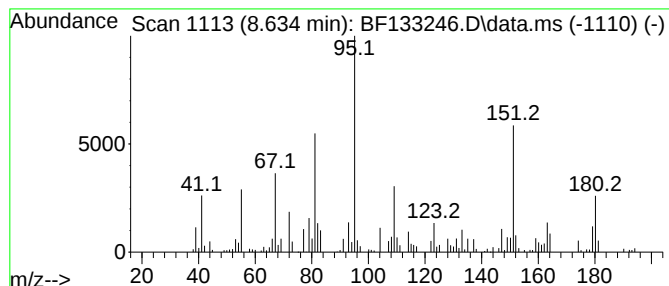
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.634 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.634	2.44 ng	188702	Naphthalene-d8	8.010

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	38
2			6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	35
3			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	35
4			2-Ethoxy-4-anisaldehyde	180	C10H12O3	042924-37-8	30
5			2-Furoic acid, tridec-2-ynyl ester	290	C18H26O3	1000299-24-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

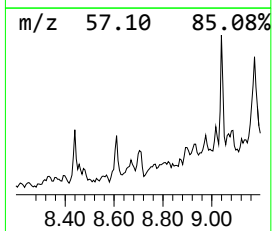
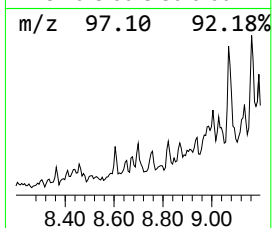
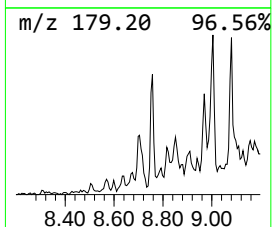
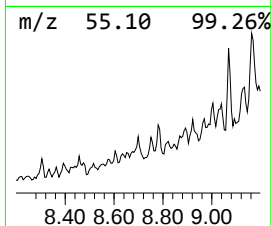
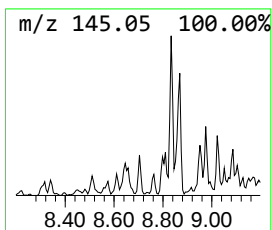
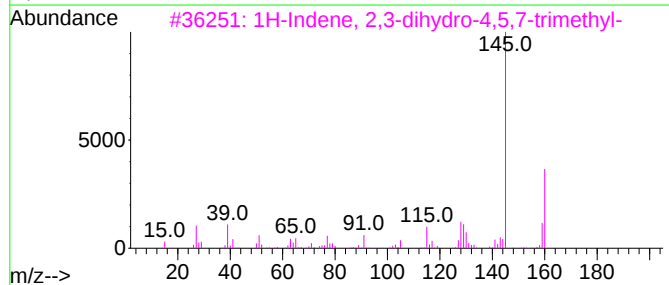
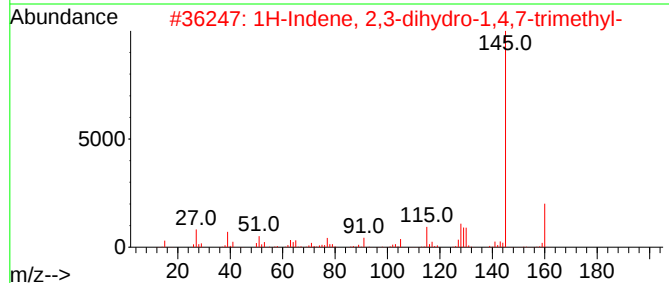
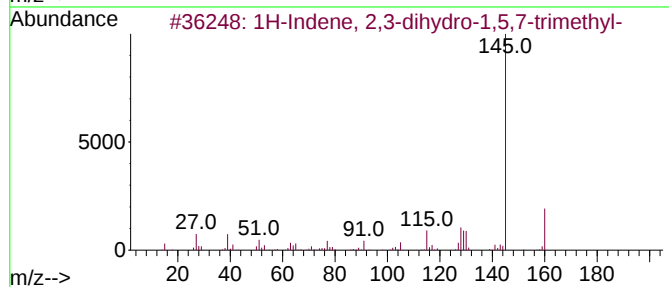
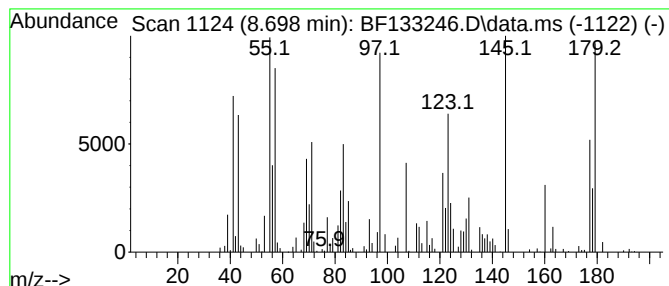
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.698 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	4.12 ng	318107	Naphthalene-d8	8.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16		054340-88-4	15
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16		054340-87-3	11
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16		006682-06-0	11
4	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16		016204-72-1	11
5	Silane, methyltripropynyl-	160	C10H12Si		1000158-62-1	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

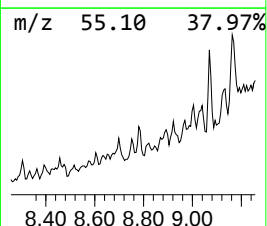
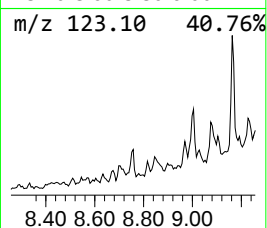
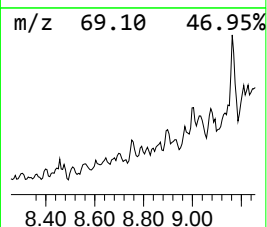
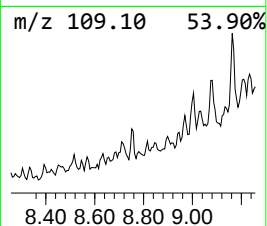
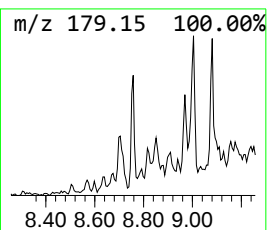
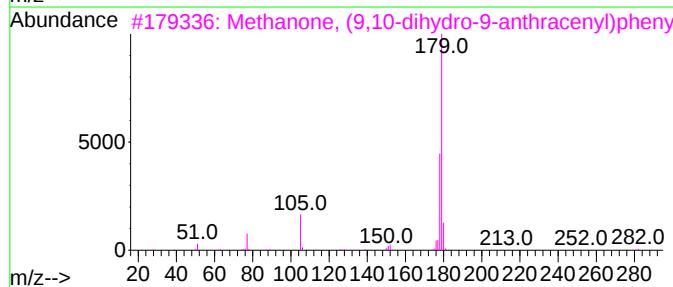
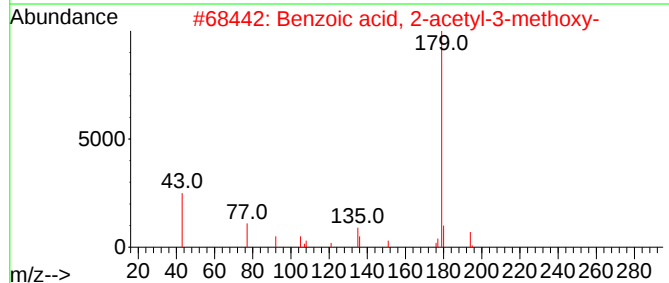
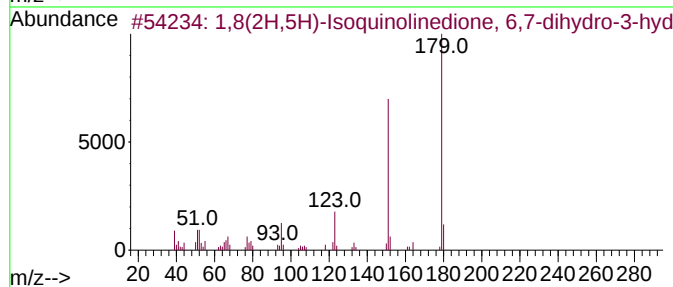
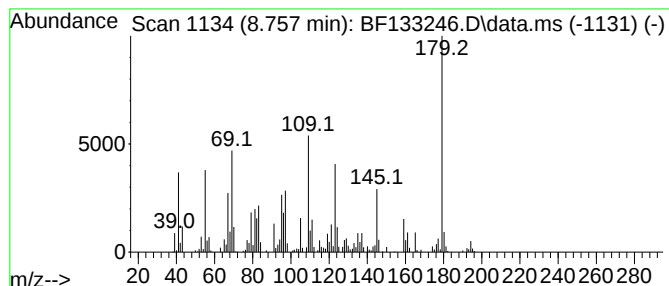
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.757 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	2.74 ng	211551	Naphthalene-d8	8.010

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8(2H,5H)-Isoquinolinedione, 6,...	179	C9H9NO3	037704-54-4	38	
2	Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	22	
3	Methanone, (9,10-dihydro-9-anthr...	284	C21H16O	050688-77-2	22	
4	2,4,6-Trimethyl-7-oxo-4,7-dihydr...	179	C7H9NO5	025623-78-3	22	
5	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	22	



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
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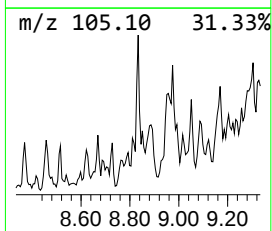
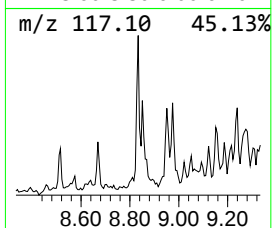
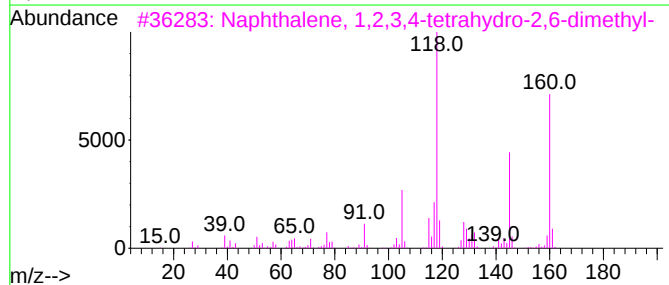
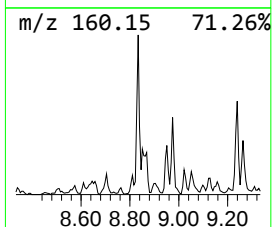
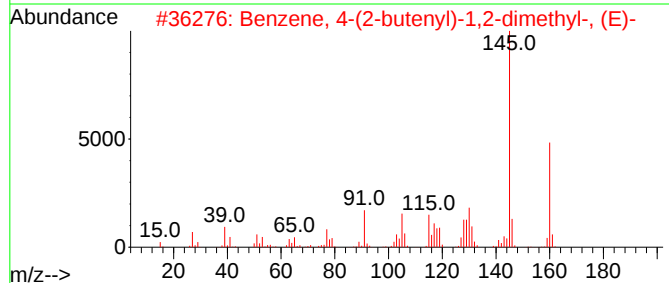
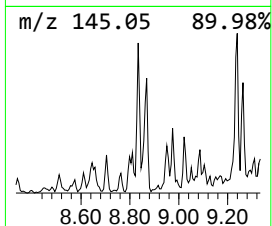
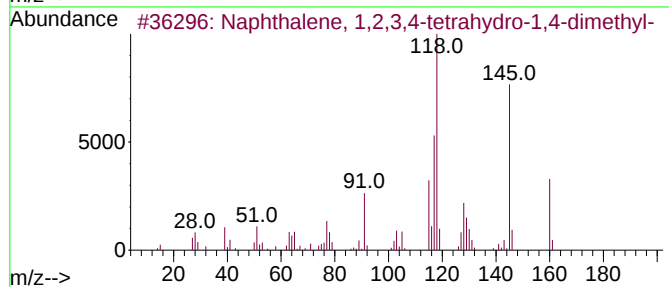
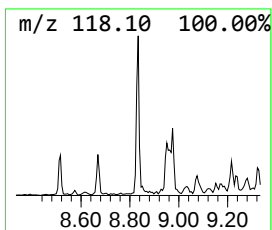
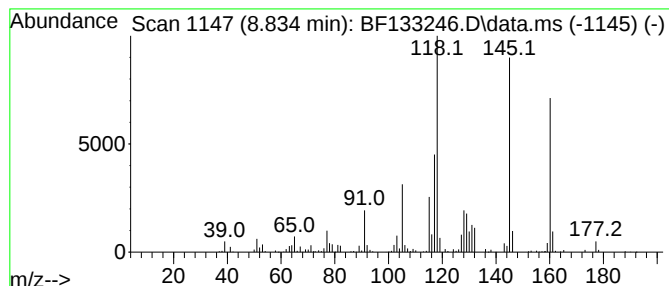
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ClientSampleId :
BUR-SOILCOMP

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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 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.834	3.62 ng	279742	Naphthalene-d8	8.010	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	96
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	60
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

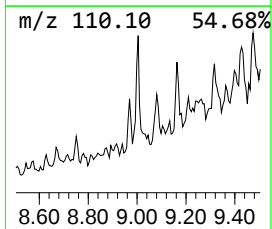
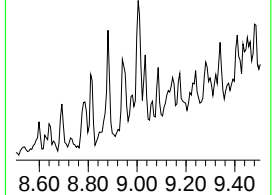
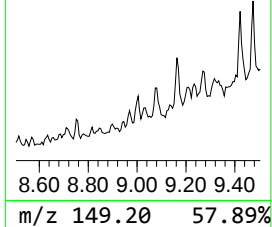
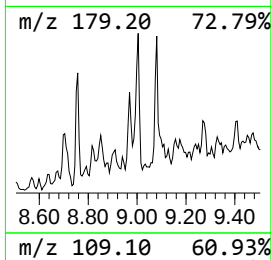
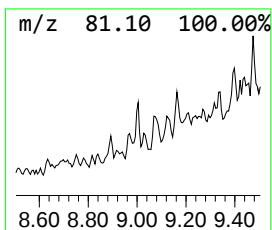
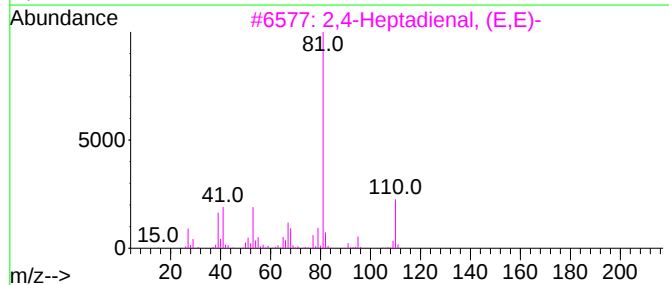
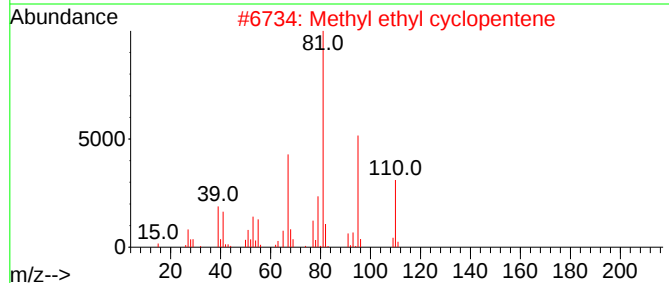
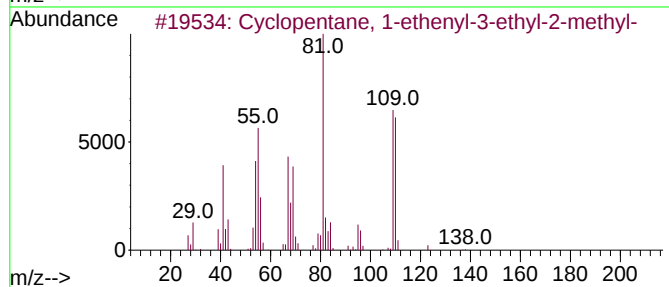
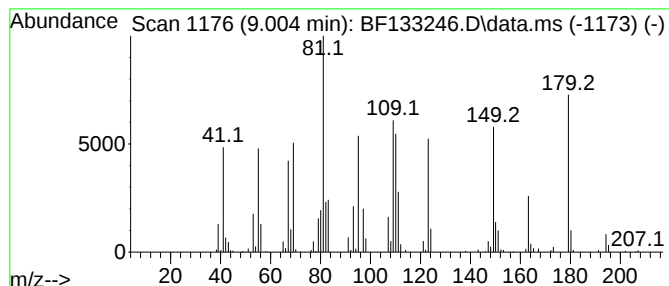
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.004 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.004	3.01 ng	226826	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	35
2		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	35
3		2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	25
4		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
5		4-Ethylcyclohexene	110	C8H14	003742-42-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

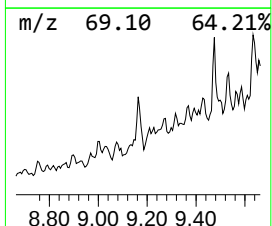
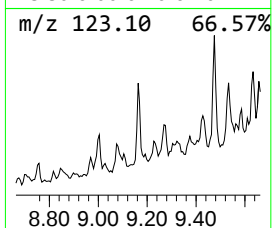
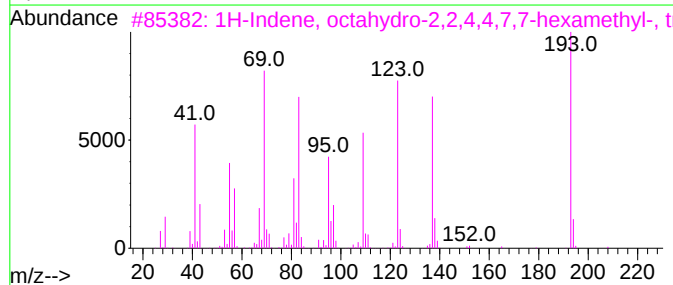
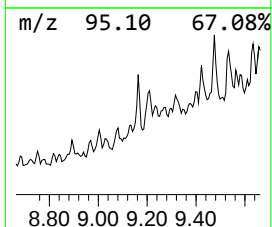
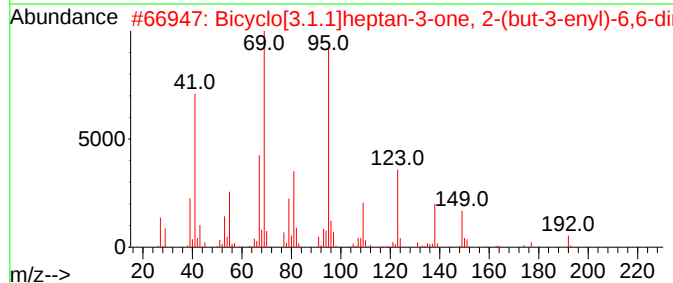
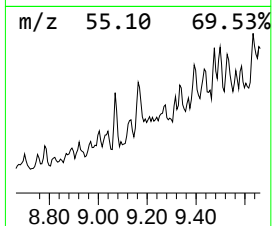
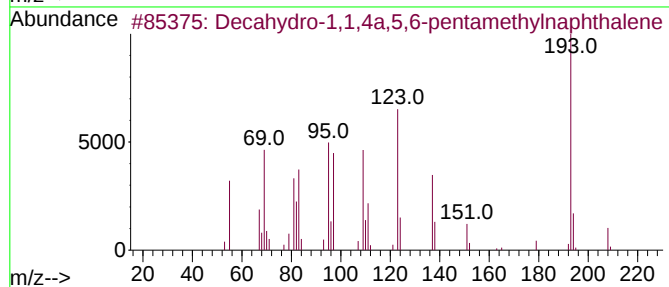
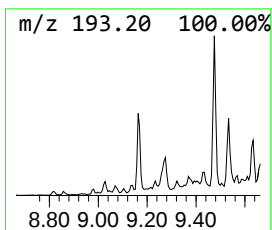
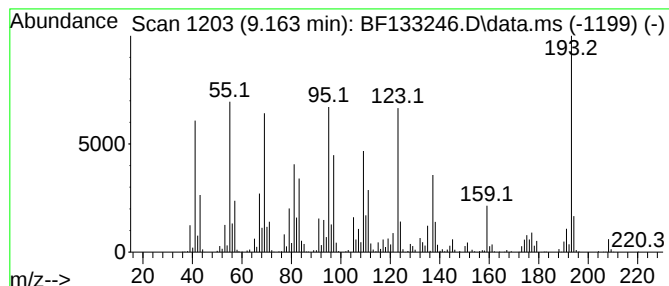
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.163	17.82 ng	1342990	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	87
2		Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1010163-96-1	53
3		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
4		9-Phenanthrenamine	193	C14H11N	000947-73-9	30
5		2-Anthracenamine	193	C14H11N	000613-13-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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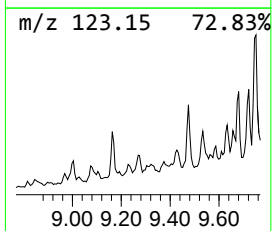
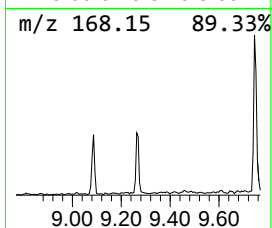
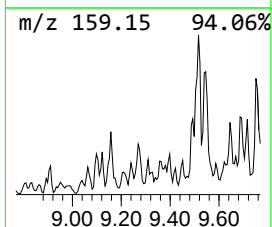
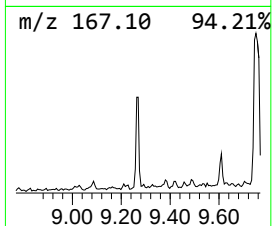
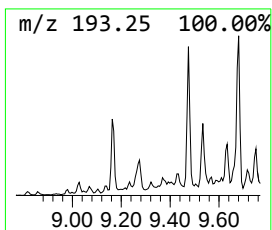
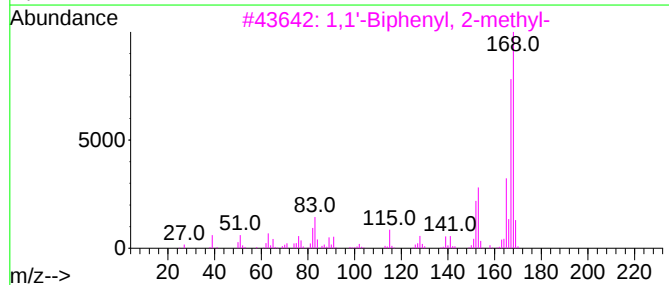
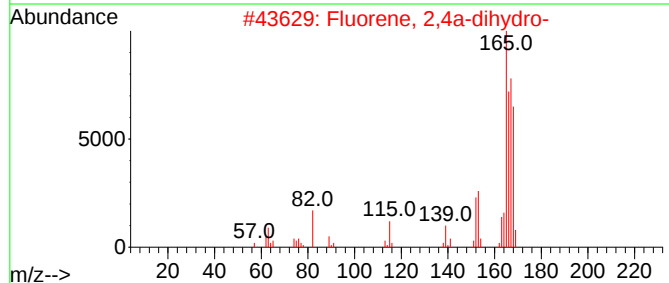
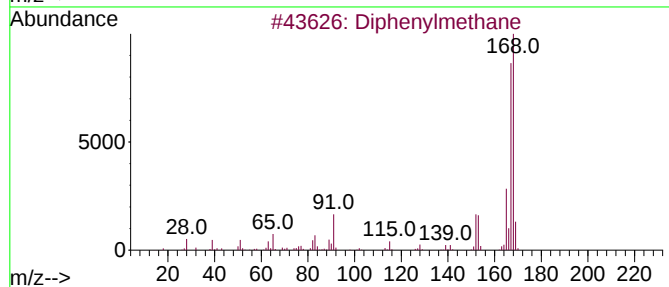
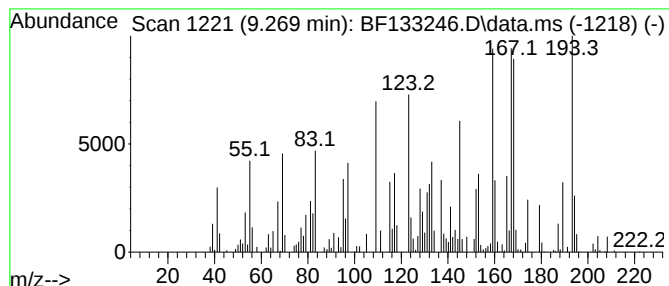
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.269 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.269	5.85 ng	440974	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diphenylmethane	168	C13H12	000101-81-5	47
2		Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	35
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	20
4		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	14
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	14



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Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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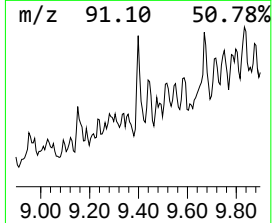
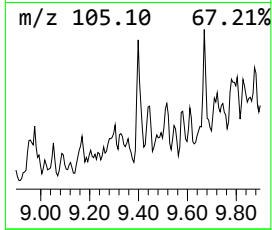
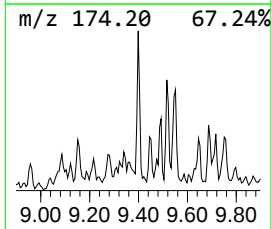
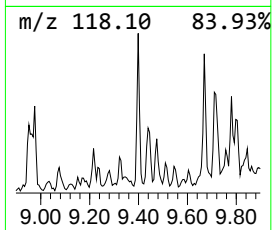
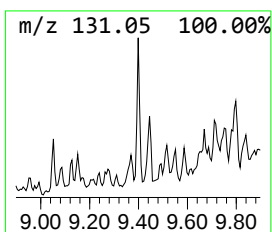
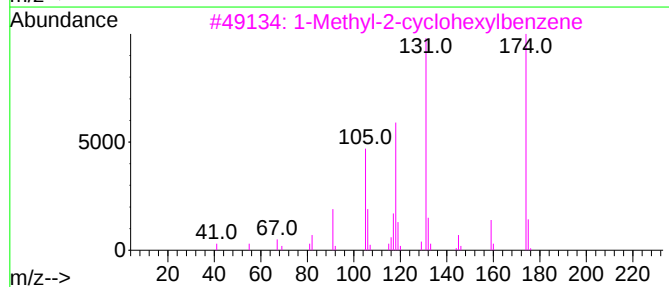
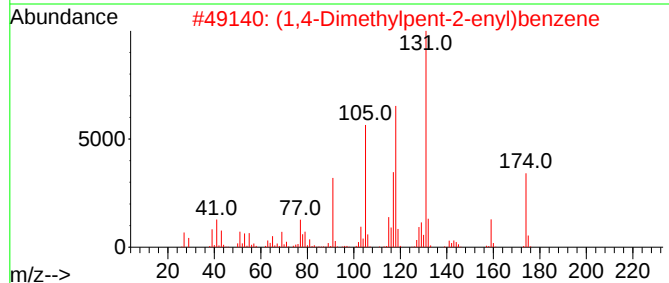
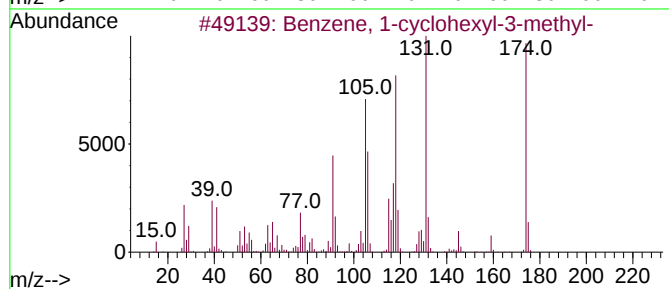
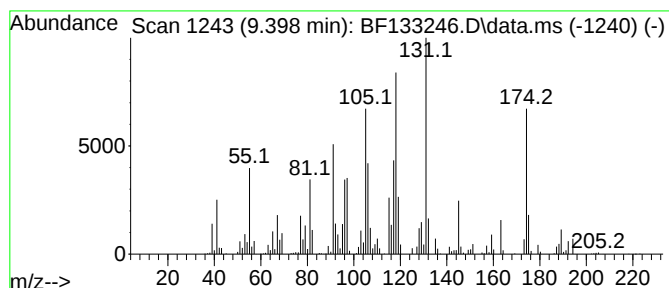
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1-cyclohexyl-3-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	12.27 ng	925055	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	95
2		(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	83
3		1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	62
4		3-Phenylcyclopentanecarboxylic acid	190	C12H14O2	091495-75-9	27
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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Sample : 02603-01
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ClientSampleId :
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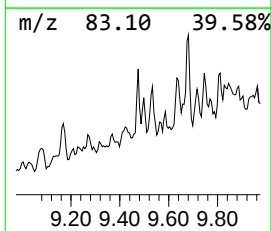
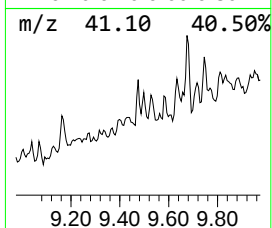
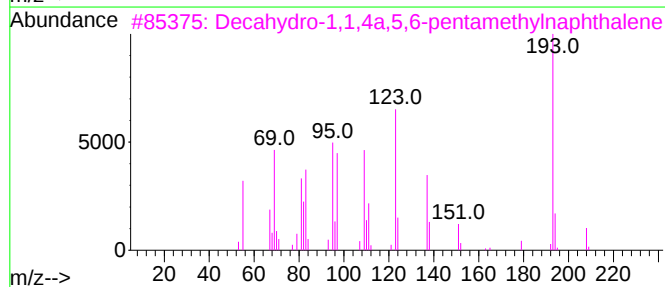
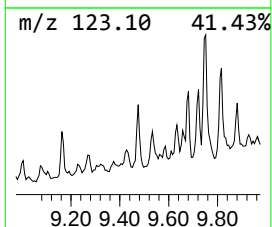
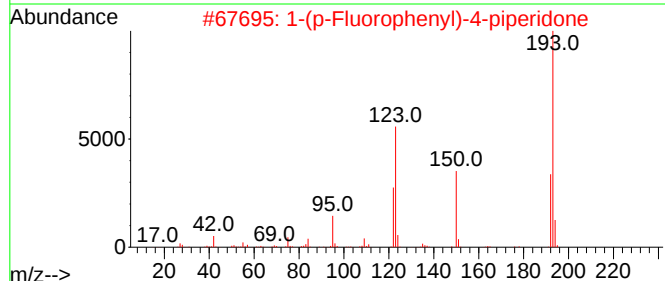
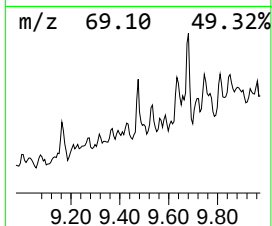
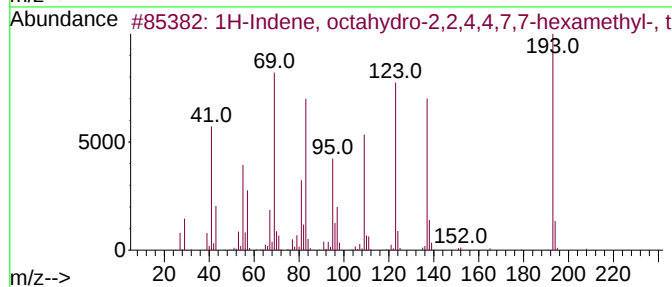
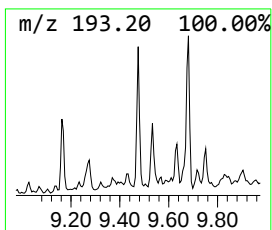
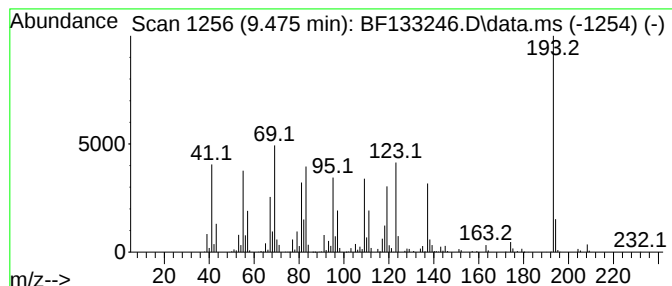
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown9.475 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	12.10 ng	912359	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,7,7...	208	C15H28		054832-83-6	47
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO		1000238-56-7	38
3	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28		080655-44-3	38
4	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3		016239-90-0	27
5	9-Phenanthrenamine	193	C14H11N		000947-73-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
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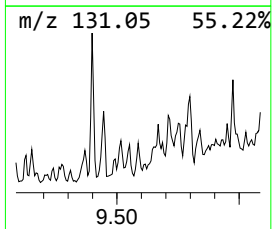
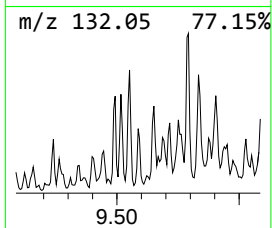
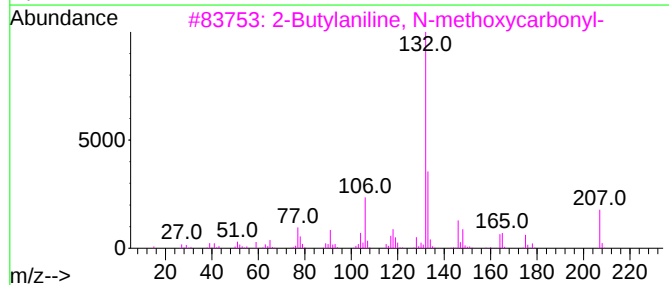
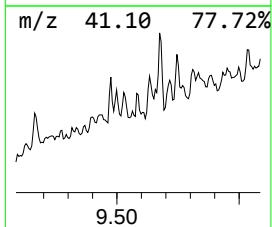
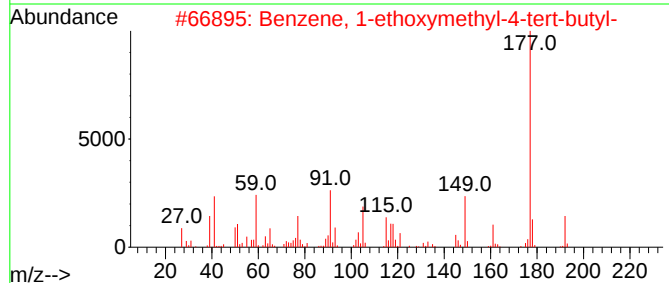
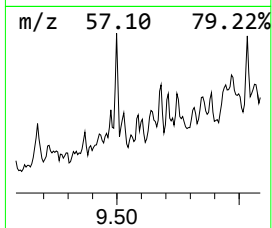
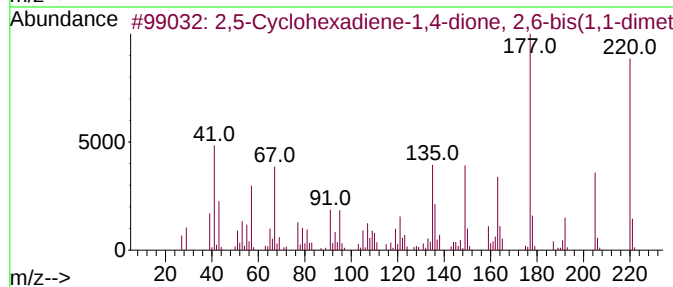
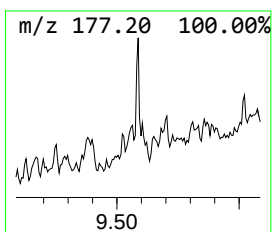
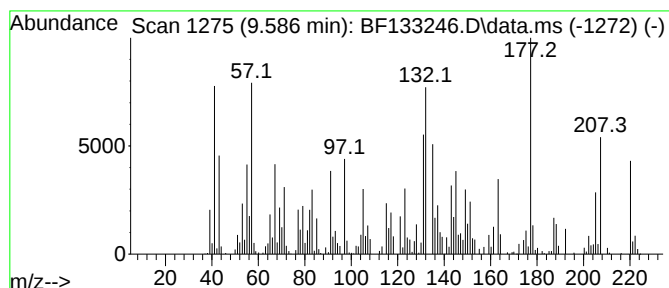
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.586	7.21 ng	543746	Acenaphthene-d10	9.763	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93
2	Benzene, 1-ethoxymethyl-4-tert-b...	192	C13H20O	1000157-87-5	25
3	2-Butylaniline, N-methoxycarbonyl-	207	C12H17NO2	1000487-43-8	25
4	Thiocoumarin, 4,4,6,8-tetramethyl-	220	C13H16O5	1000128-90-3	20
5	2H-1-benzopyran-6-ol, 3,4-dihydr...	220	C14H20O2	1000396-25-4	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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Operator : CG\JU
Sample : 02603-01
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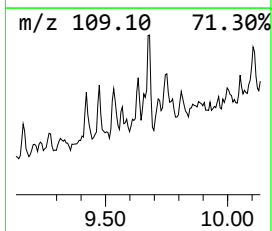
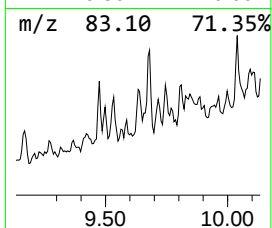
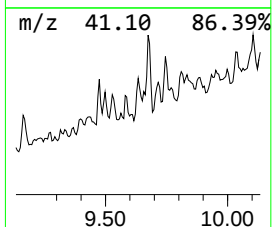
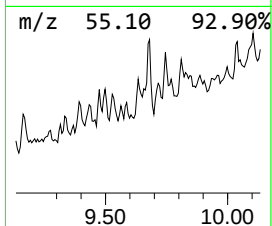
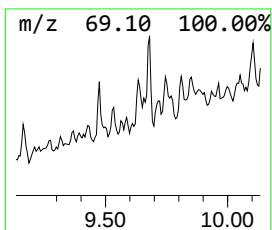
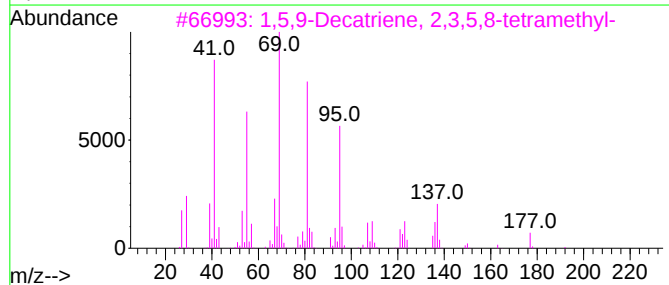
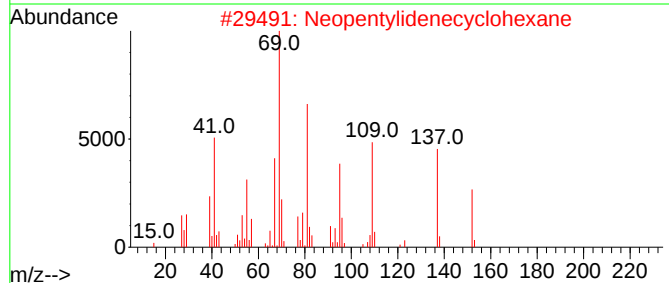
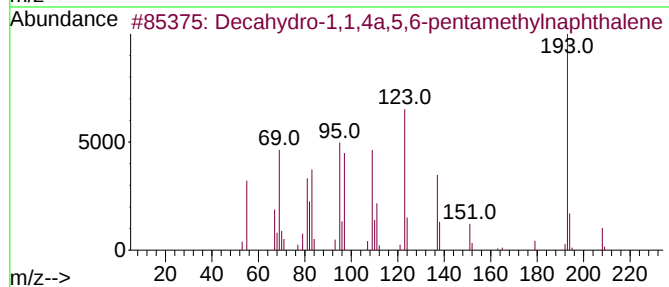
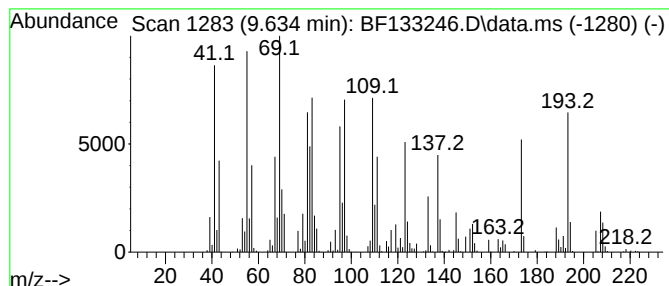
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.634 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.634	16.03 ng	1208280	Acenaphthene-d10		9.763	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	42
2	Neopentylidenecyclohexane		152	C11H20	039546-80-0	38
3	1,5,9-Decatriene, 2,3,5,8-tetram...		192	C14H24	230646-72-7	27
4	Silane, chlorodiethyl(2-methylpe...		222	C10H23ClOSi	1000363-12-7	25
5	2-Pentanone, 4-cyclohexylidene-3...		222	C15H26O	313253-65-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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Sample : 02603-01
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ClientSampleId :
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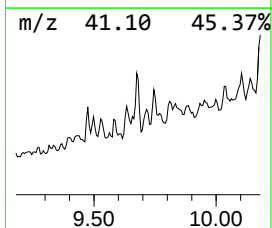
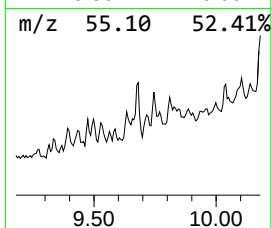
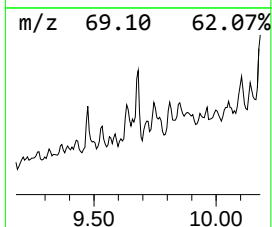
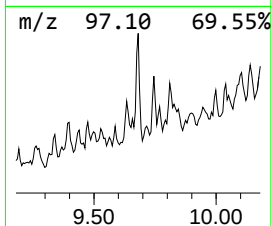
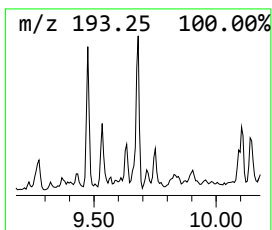
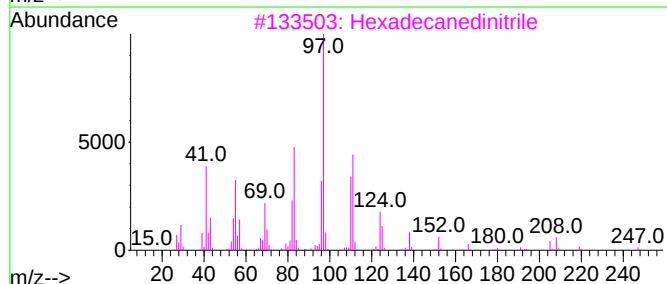
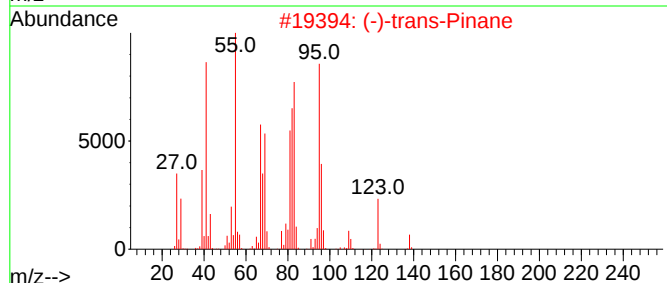
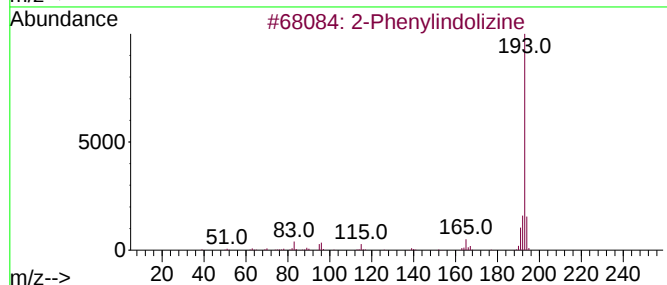
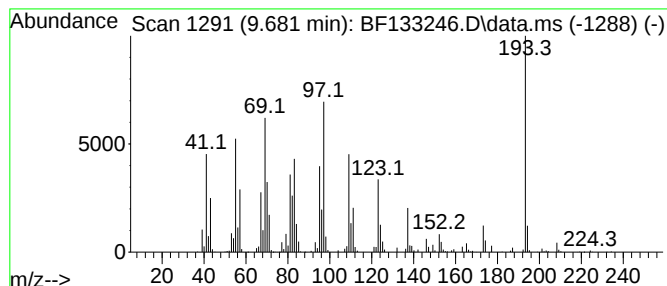
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.681 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	22.31 ng	1681980	Acenaphthene-d10	9.763

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Phenylindolizine	193	C14H11N	025379-20-8	35
2		(-)-trans-Pinane	138	C10H18	033626-25-4	22
3		Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20
5		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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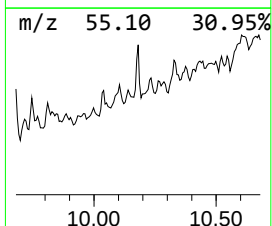
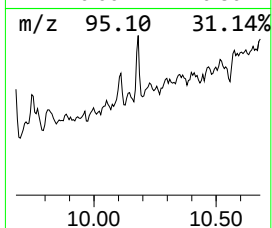
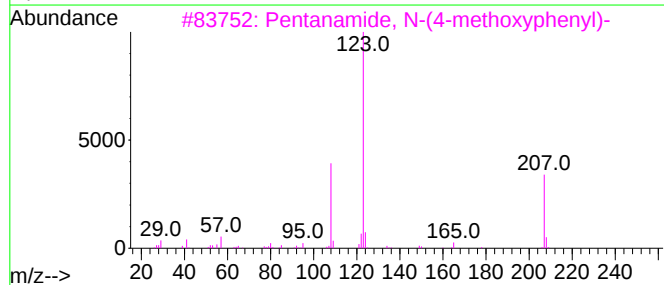
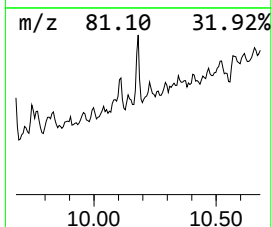
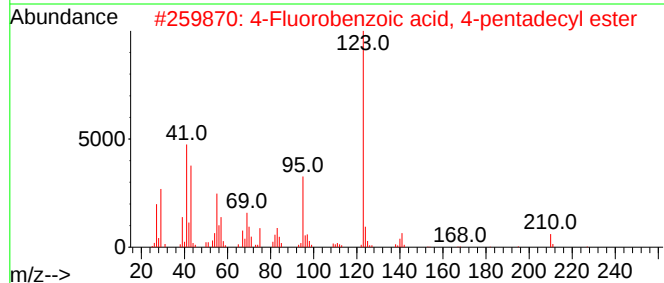
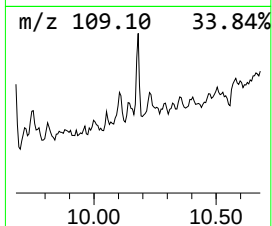
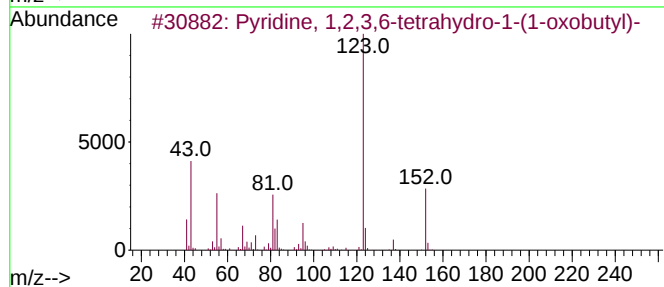
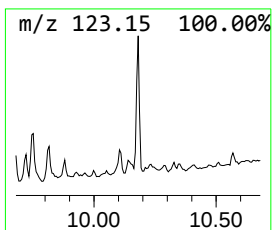
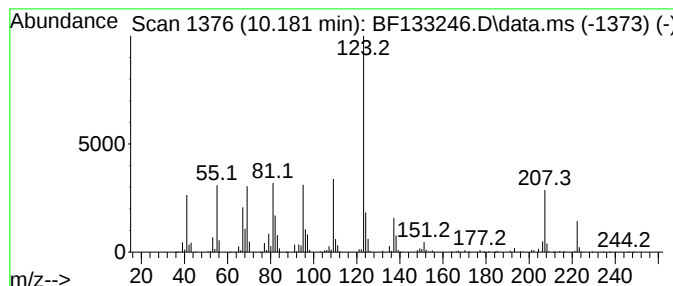
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.181 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	21.20 ng	1598360	Acenaphthene-d10	9.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 1,2,3,6-tetrahydro-1-(...	153	C9H15NO	057150-46-6	47
2			4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	47
3			Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	47
4			2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	47
5			3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
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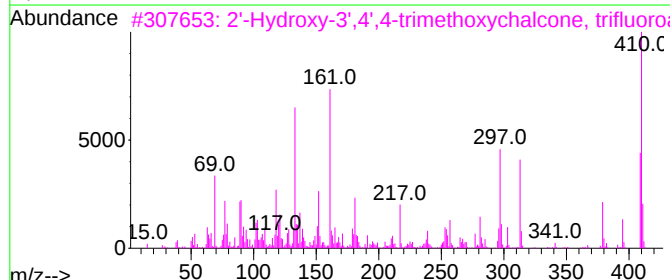
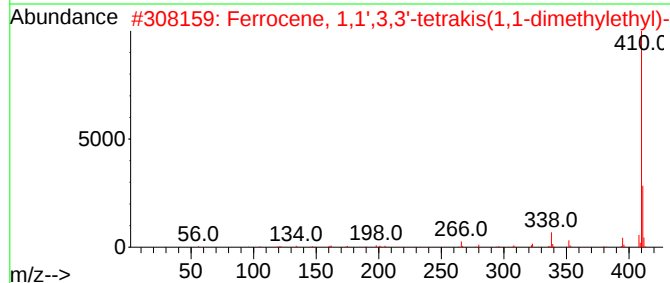
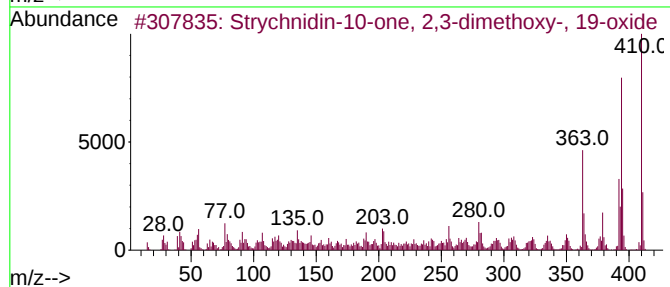
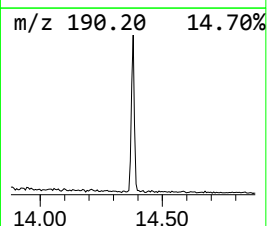
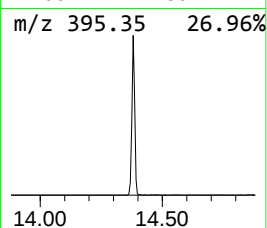
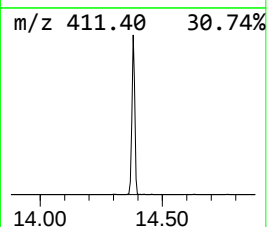
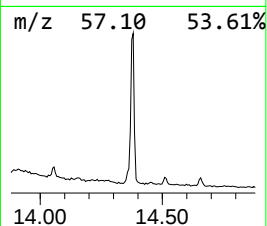
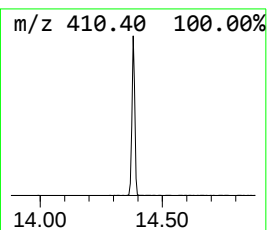
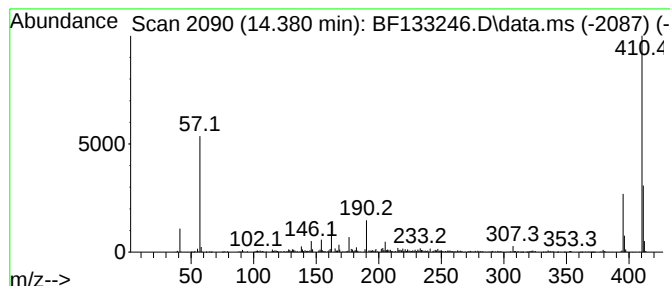
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BNA_F
ClientSampleId :
BUR-SOILCOMP

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

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

Peak Number 18 Strychnidin-10-one, 2,3-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.380	18.88 ng	1299460	Chrysene-d12	13.880	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Strychnidin-10-one, 2,3-dimethox...	410	C23H26N2O5	017301-81-4	72
2	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	53
3	2'-Hydroxy-3',4',4'-trimethoxycha...	410	C20H17F3O6	1000449-45-6	53
4	2'-Hydroxy-3,4,4'-trimethoxychal...	410	C20H17F3O6	1010449-41-1	53
5	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

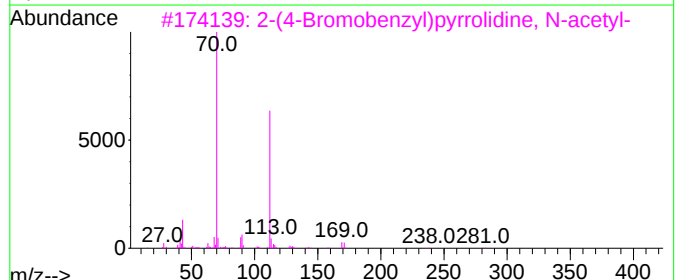
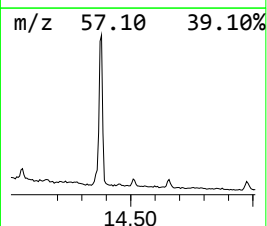
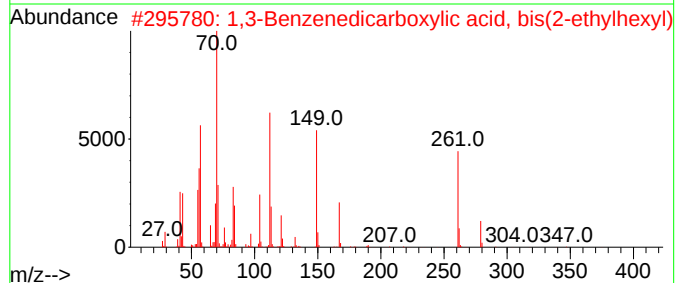
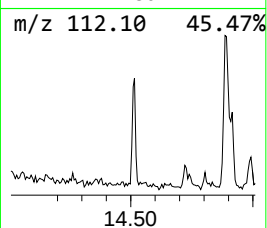
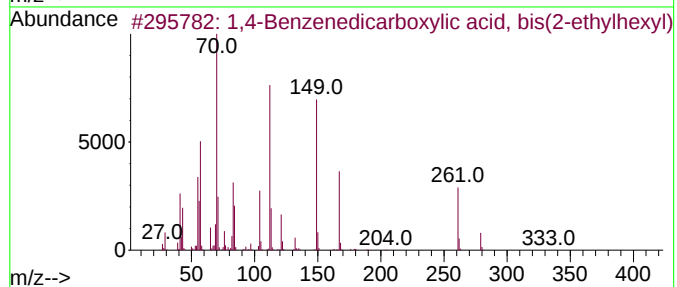
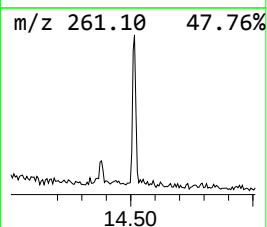
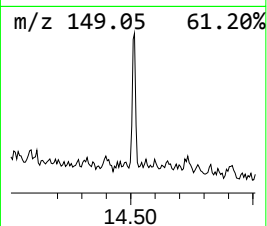
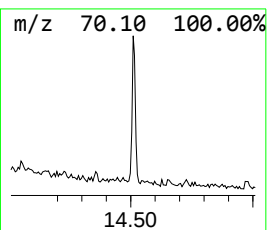
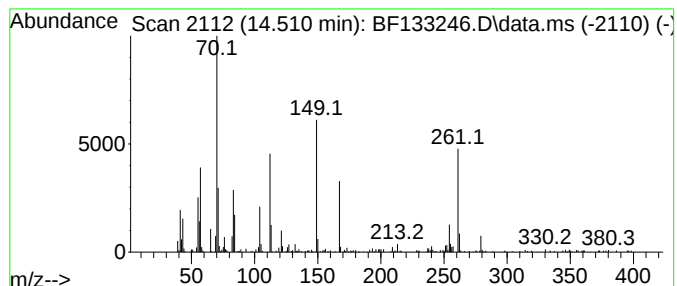
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.510	2.53 ng	174260	Chrysene-d12	13.880

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	64
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49
3			2-(4-Bromobenzyl)pyrrolidine, N...	281	C13H16BrNO	1790686-43-9	25
4			Phthalic acid, 3,5-dimethylpheny...	382	C24H30O4	1000309-78-8	22
5			Heptanoic acid, 3-methylbutyl ester	200	C12H24O2	000109-25-1	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

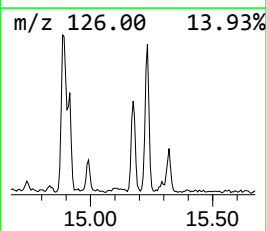
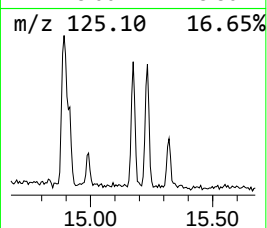
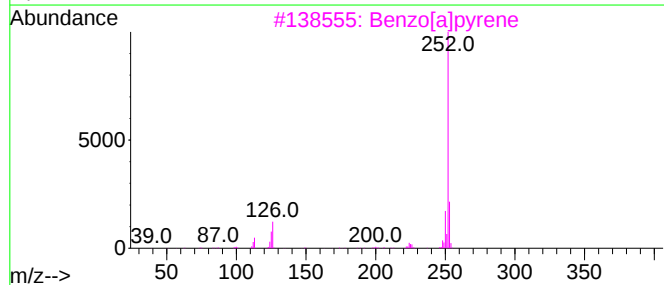
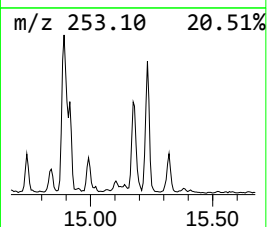
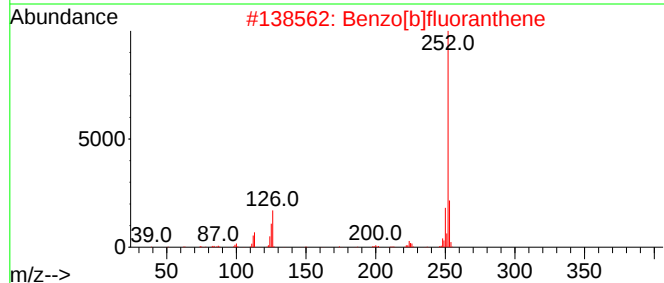
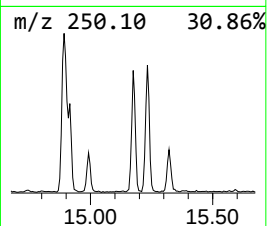
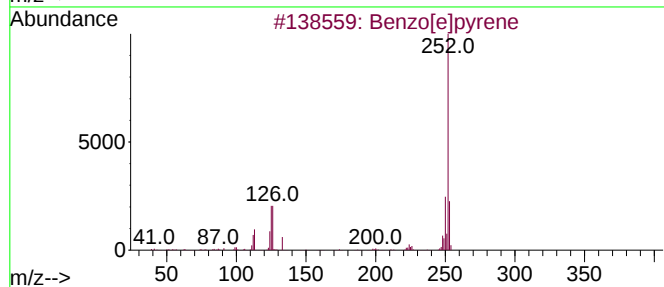
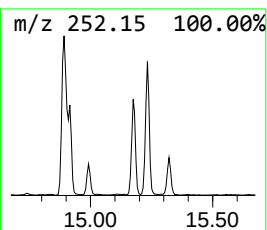
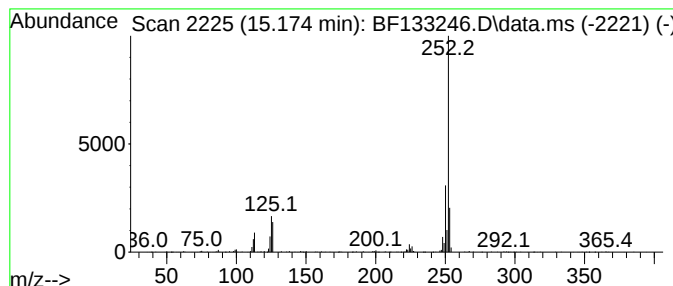
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	9.22 ng	505662	Perylene-d12	15.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133246.D
Acq On : 04 May 2023 23:10
Operator : CG\JU
Sample : 02603-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUR-SOILCOMP

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.904	4.4	ng	226957	1	6.722	1032430	20.0
unknown8.304	8.304	2.5	ng	196800	2	8.010	1545840	20.0
unknown8.475	8.475	2.4	ng	186740	2	8.010	1545840	20.0
Naphthalene, 1,...	8.516	3.0	ng	235571	2	8.010	1545840	20.0
unknown8.634	8.634	2.4	ng	188702	2	8.010	1545840	20.0
unknown8.698	8.698	4.1	ng	318107	2	8.010	1545840	20.0
unknown8.757	8.757	2.7	ng	211551	2	8.010	1545840	20.0
Naphthalene, 1,...	8.834	3.6	ng	279742	2	8.010	1545840	20.0
unknown9.004	9.004	3.0	ng	226826	3	9.763	1507670	20.0
Decahydro-1,1,4...	9.163	17.8	ng	1342990	3	9.763	1507670	20.0
unknown9.269	9.269	5.8	ng	440974	3	9.763	1507670	20.0
Benzene, 1-cycl...	9.398	12.3	ng	925055	3	9.763	1507670	20.0
unknown9.475	9.475	12.1	ng	912359	3	9.763	1507670	20.0
2,5-Cyclohexadi...	9.586	7.2	ng	543746	3	9.763	1507670	20.0
unknown9.634	9.634	16.0	ng	1208280	3	9.763	1507670	20.0
unknown9.681	9.681	22.3	ng	1681980	3	9.763	1507670	20.0
unknown10.181	10.181	21.2	ng	1598360	3	9.763	1507670	20.0
Strychnidin-10-...	14.380	18.9	ng	1299460	5	13.880	1376590	20.0
1,4-Benzenedica...	14.510	2.5	ng	174260	5	13.880	1376590	20.0
Benzo[e]pyrene	15.174	9.2	ng	505662	6	15.292	1096970	20.0