

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
 Data File : BF134972.D
 Acq On : 28 Aug 2023 17:05
 Operator : CG\JU
 Sample : 04160-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24449

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-BF082223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134972.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	384	389	395	rBV	677445	772626	22.67%	3.560%
2	5.010	492	497	500	rBV	1020649	1128859	33.12%	5.201%
3	5.416	562	566	582	rVB	408305	381603	11.19%	1.758%
4	6.439	734	740	753	rBV	543156	996161	29.22%	4.590%
5	6.645	768	775	778	rVB	1807875	2413323	70.80%	11.120%
6	6.722	784	788	793	rBV	216464	174197	5.11%	0.803%
7	6.792	796	800	803	rBV	758976	609563	17.88%	2.809%
8	6.934	820	824	826	rBV2	131618	131366	3.85%	0.605%
9	7.351	891	895	898	rBV	1077325	837922	24.58%	3.861%
10	7.775	964	967	971	rBV	103781	79581	2.33%	0.367%
11	8.069	1012	1017	1020	rBV	872046	683704	20.06%	3.150%
12	9.092	1188	1191	1196	rVB2	59181	60926	1.79%	0.281%
13	9.145	1196	1200	1203	rBV	1813359	1463810	42.94%	6.745%
14	9.222	1210	1213	1217	rBV3	73215	105810	3.10%	0.488%
15	9.422	1244	1247	1249	rBV2	57452	55679	1.63%	0.257%
16	9.480	1255	1257	1260	rBV2	49283	51438	1.51%	0.237%
17	9.533	1263	1266	1267	rVV	212725	165261	4.85%	0.761%
18	9.551	1267	1269	1272	rVV	261551	208571	6.12%	0.961%
19	9.586	1272	1275	1279	rVB4	55960	81770	2.40%	0.377%
20	9.692	1290	1293	1295	rBV2	211275	232088	6.81%	1.069%
21	9.739	1298	1301	1303	rVB	386353	355794	10.44%	1.639%
22	9.786	1303	1309	1310	rBV2	268494	370412	10.87%	1.707%
23	9.827	1313	1316	1320	rVV	765455	674591	19.79%	3.108%
24	9.869	1320	1323	1325	rVV3	130659	128400	3.77%	0.592%
25	9.939	1333	1335	1338	rVB4	108538	92977	2.73%	0.428%
26	9.992	1341	1344	1347	rBV4	86628	142251	4.17%	0.655%
27	10.051	1352	1354	1357	rVB3	83581	61104	1.79%	0.282%
28	10.092	1358	1361	1363	rBV2	321734	330373	9.69%	1.522%
29	10.151	1368	1371	1372	rBV2	156867	161853	4.75%	0.746%
30	10.198	1376	1379	1383	rBV3	219903	321652	9.44%	1.482%
31	10.239	1383	1386	1388	rBV2	406988	396560	11.63%	1.827%
32	10.492	1425	1429	1432	rBV	1005810	949148	27.84%	4.373%
33	10.604	1446	1448	1450	rBV	345132	321365	9.43%	1.481%
34	10.763	1470	1475	1478	rBV	2685560	3408865	100.00%	15.707%
35	11.233	1552	1555	1558	rVB	1616747	1643461	48.21%	7.573%
36	12.933	1842	1844	1848	rVB	1009157	968092	28.40%	4.461%

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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-BF082223.M
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37	15.468	2272	2275	2279	rBV	346010	361721	10.61%	1.667%
38	16.174	2392	2395	2403	rVB4	201415	379761	11.14%	1.750%

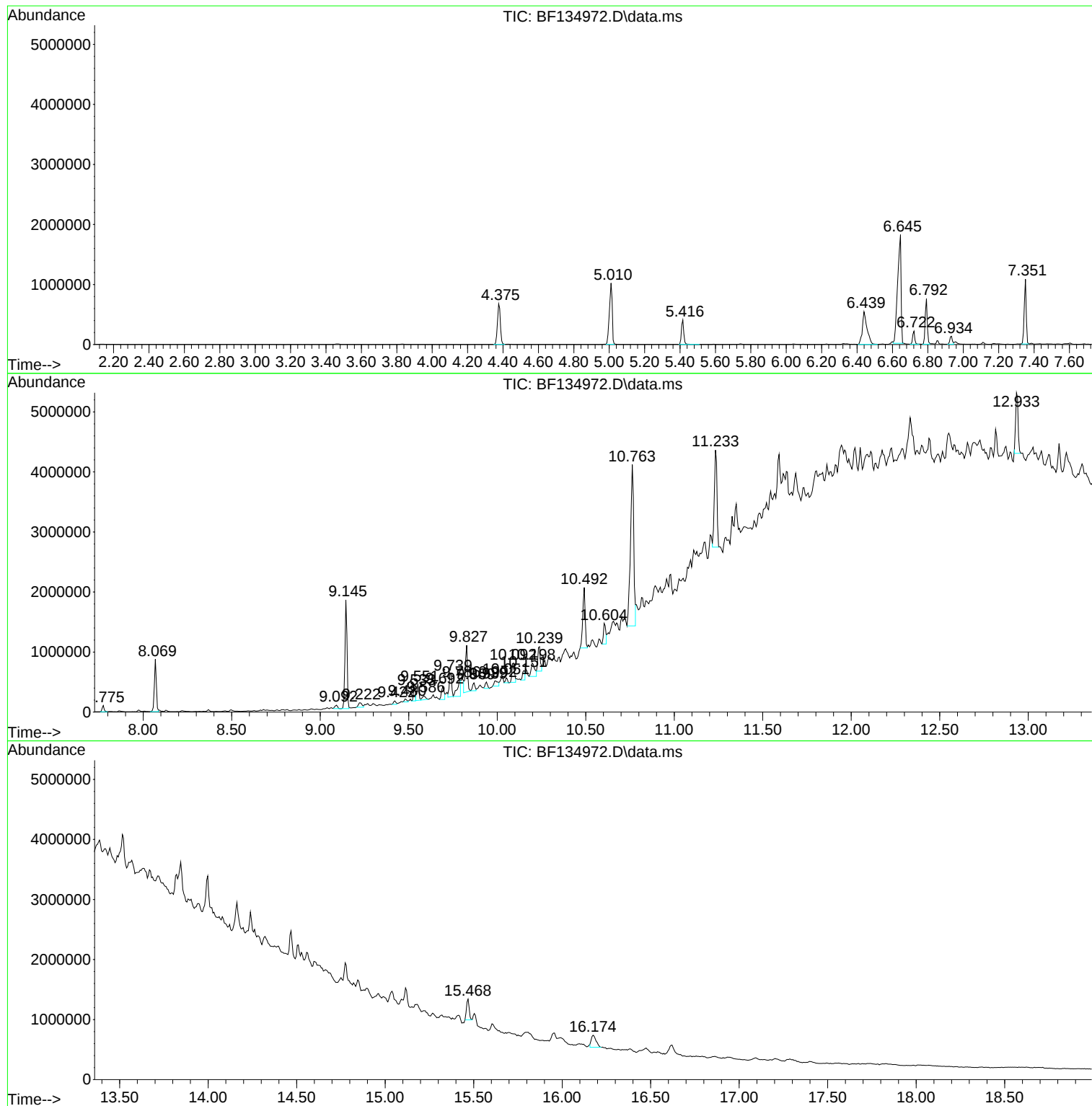
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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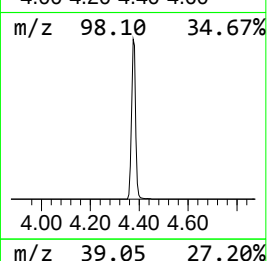
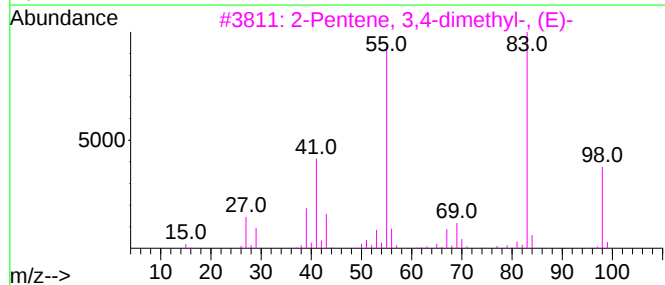
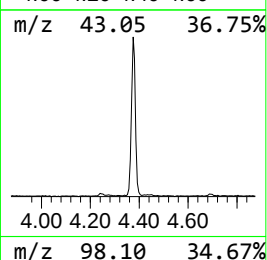
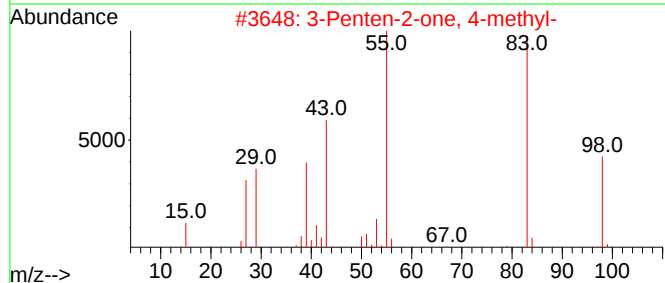
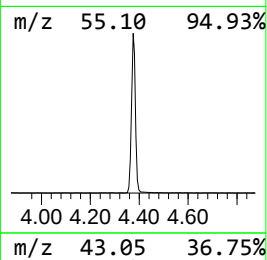
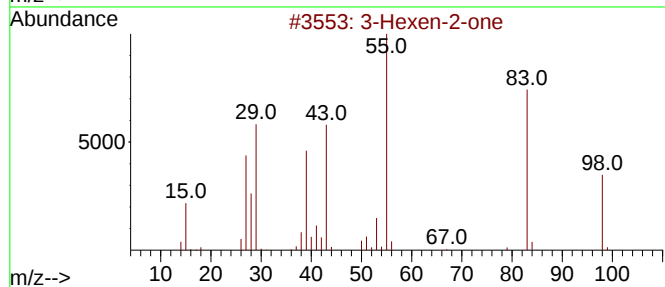
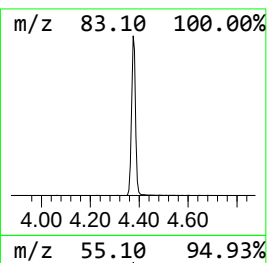
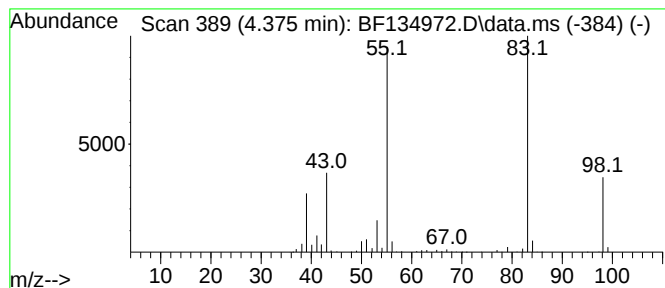
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Hexen-2-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.375	25.35 ng	772626	1,4-Dichlorobenzene-d4	6.792

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, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86



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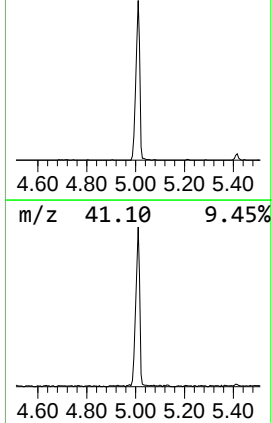
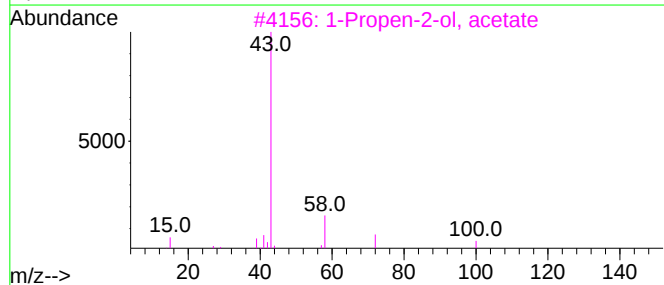
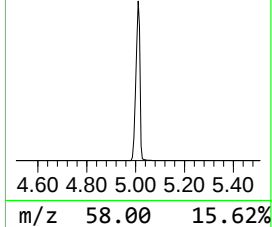
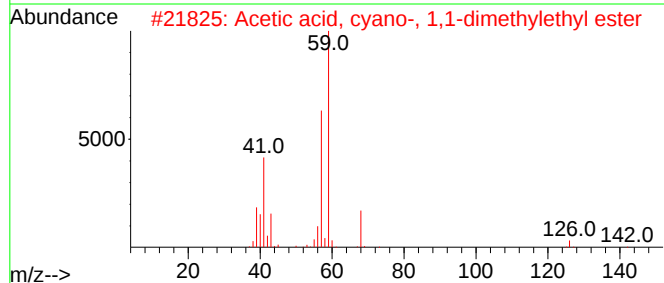
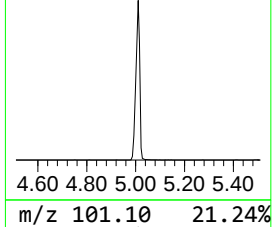
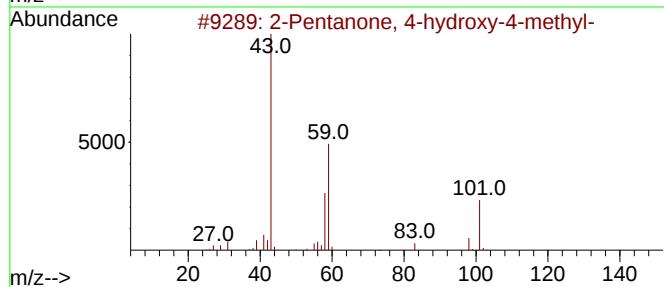
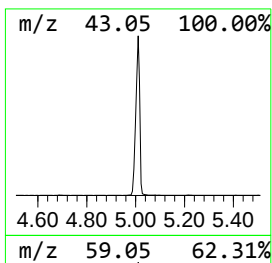
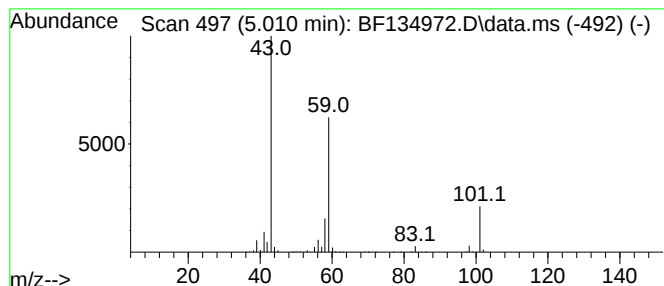
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	37.04 ng	1128860	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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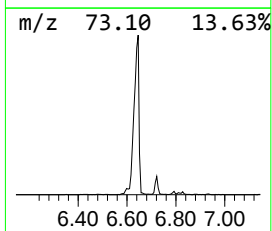
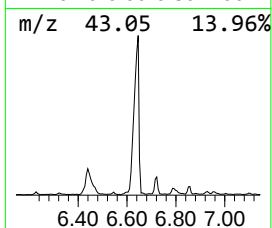
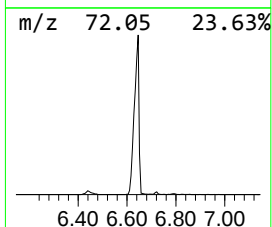
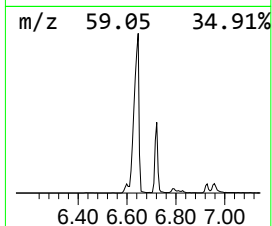
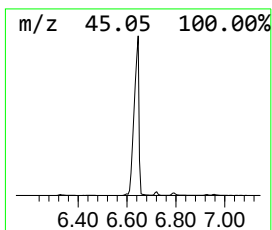
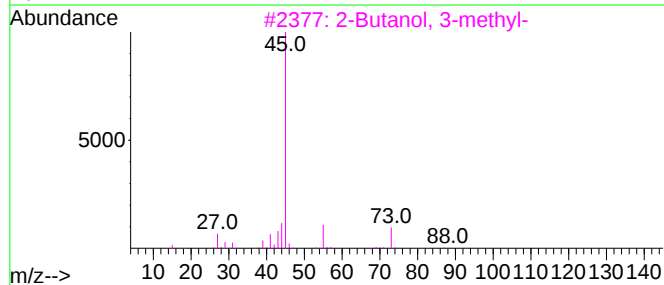
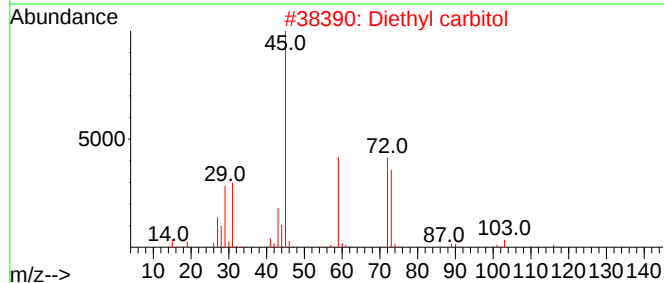
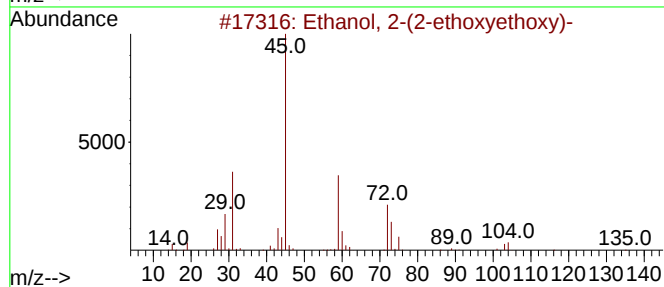
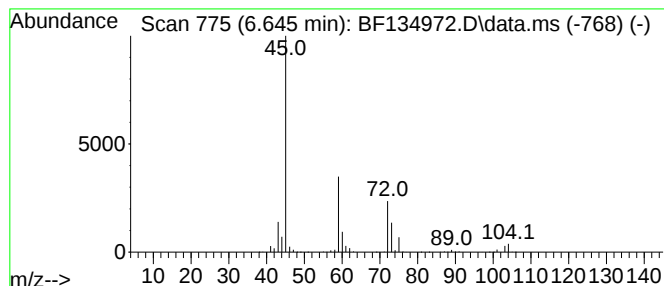
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	79.18 ng	2413320	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2			Diethyl carbitol	162	C8H18O3	000112-36-7	72
3			2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
4			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5			Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42



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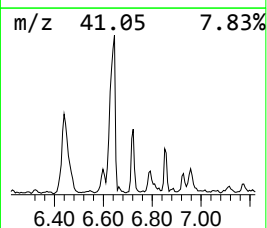
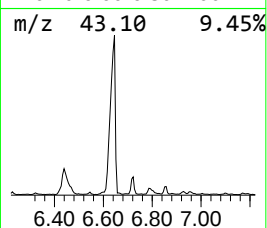
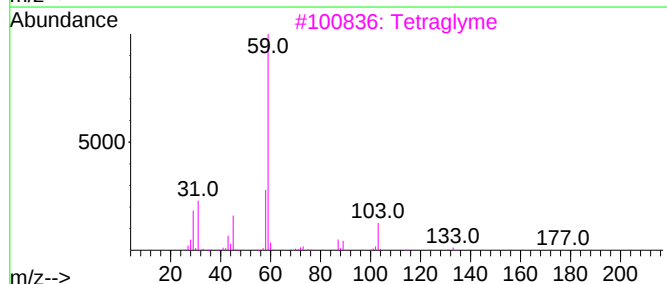
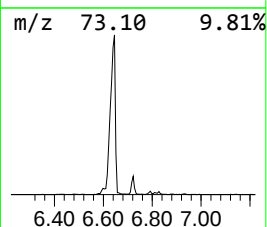
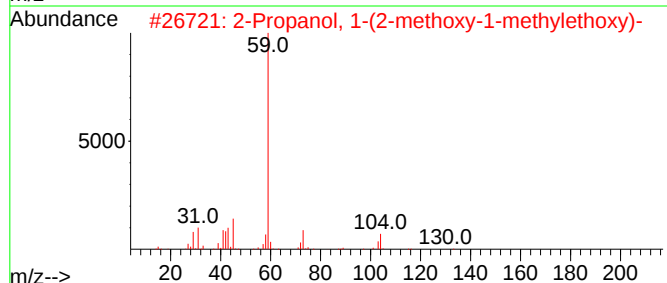
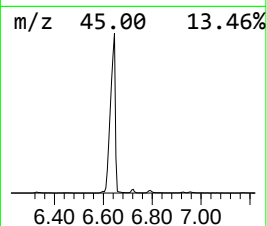
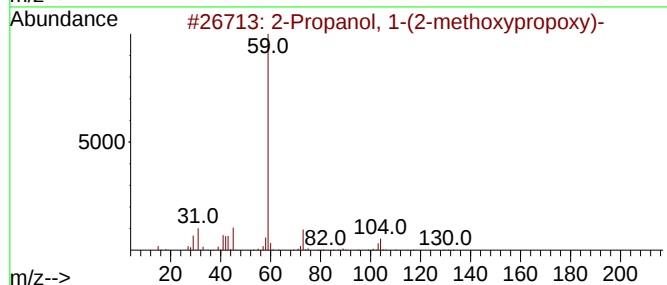
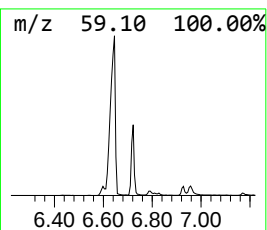
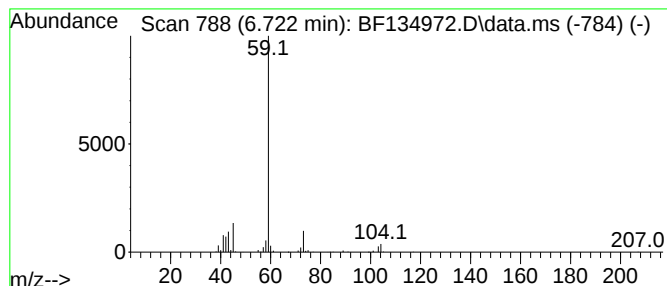
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	5.72 ng	174197	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2			2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	50
3			Tetraglyme	222	C10H22O5	000143-24-8	50
4			1-(1-Methoxypropan-2-yloxy)propa...	190	C9H18O4	1000367-08-6	40
5			2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	40



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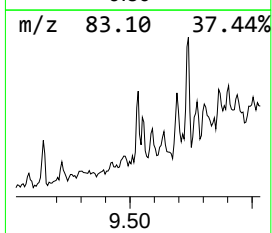
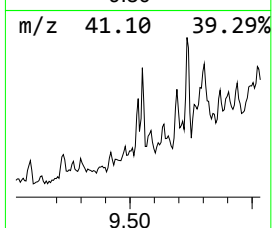
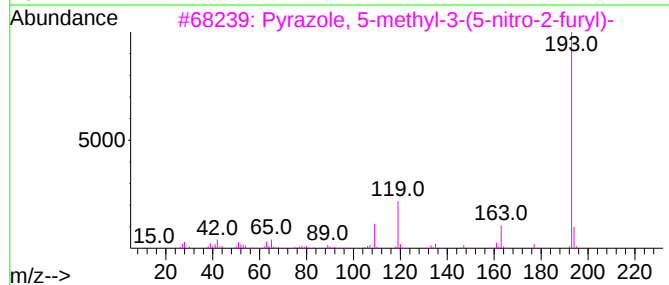
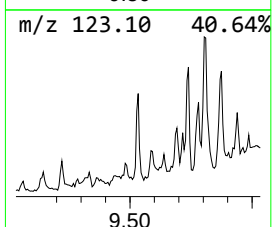
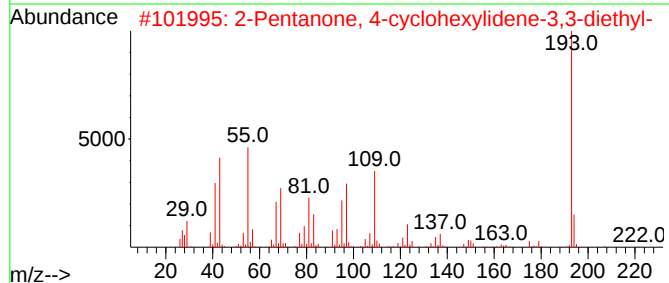
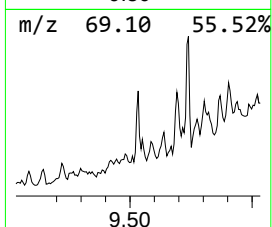
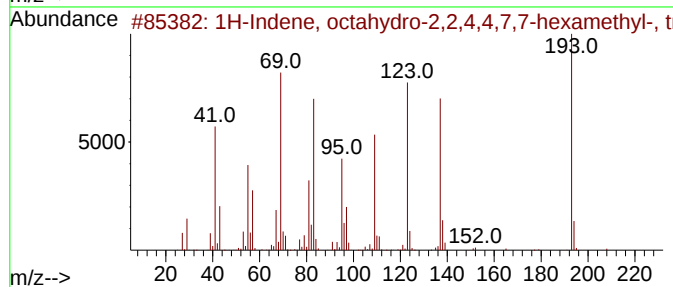
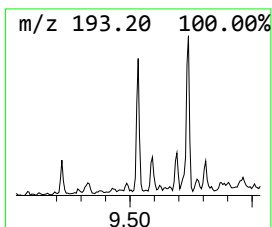
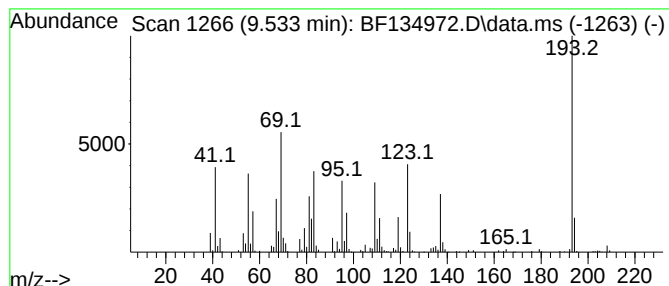
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Peak Number 6 unknown9.533 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	4.90 ng	165261	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
2			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
3			Pyrazole, 5-methyl-3-(5-nitro-2...	193	C8H7N3O3	016239-90-0	27
4			2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	27
5			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT-24449

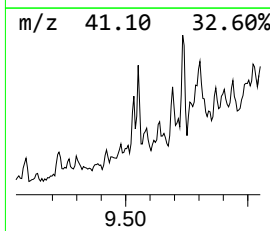
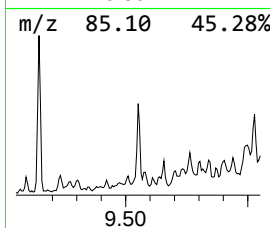
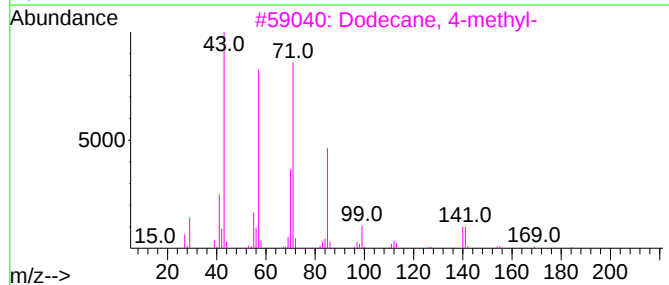
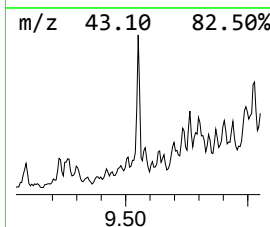
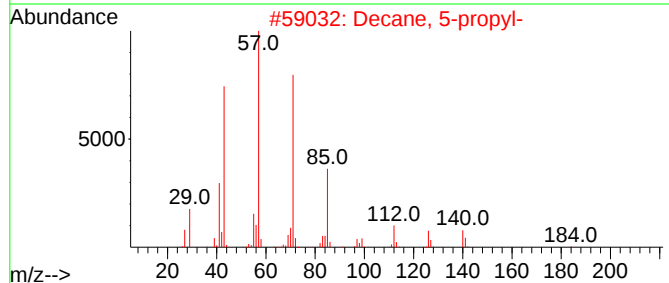
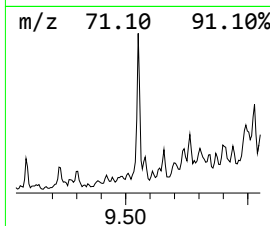
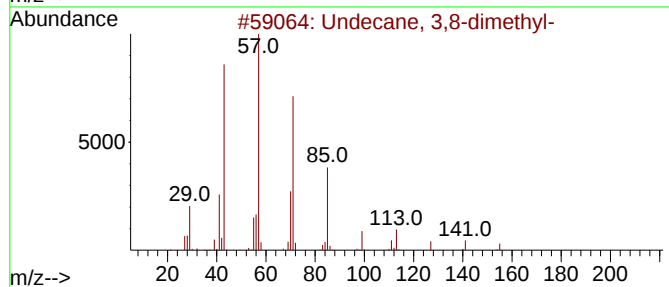
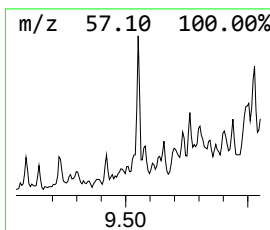
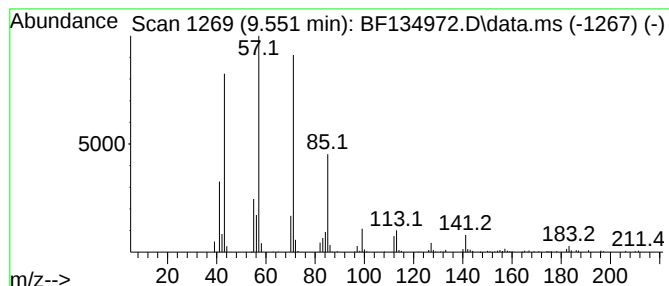
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 3,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	6.18 ng	208571	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	90
2			Decane, 5-propyl-	184	C13H28	017312-62-8	87
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5			Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
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Sample : 04160-01
Misc :
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ClientSampleId :
CHRT-24449

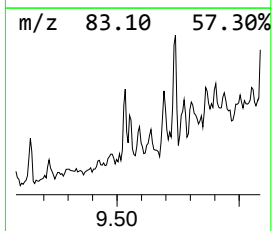
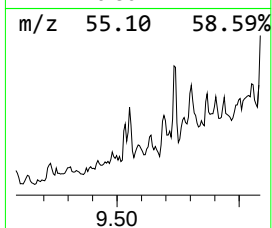
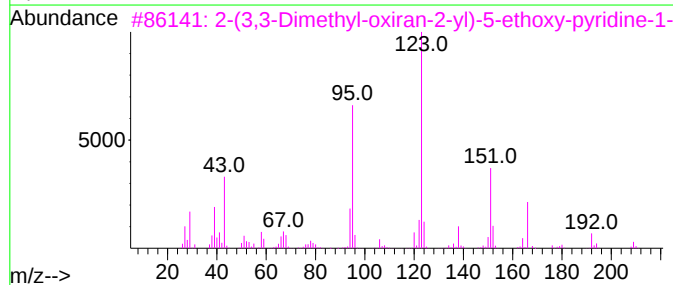
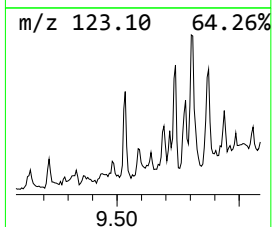
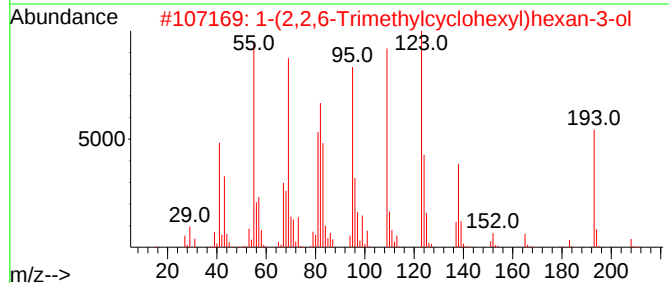
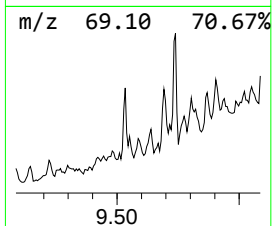
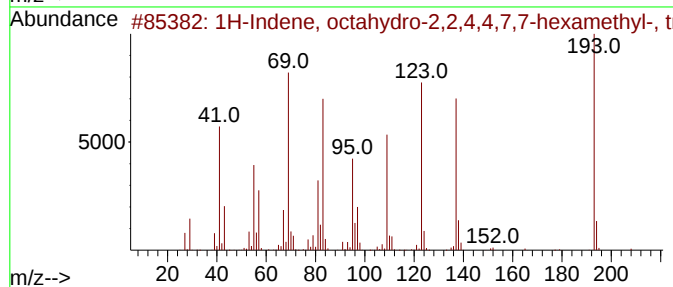
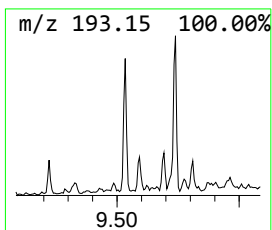
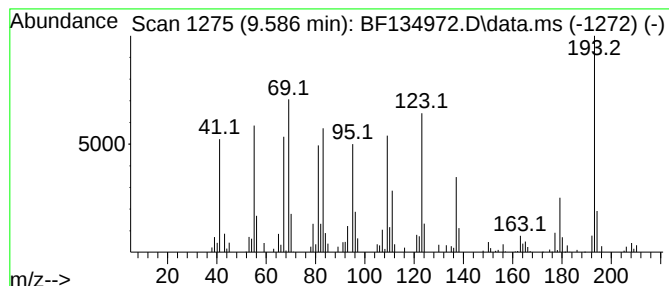
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, octahydro-2,2,4,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	2.42 ng	81770	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	53		
2	1-(2,2,6-Trimethylcyclohexyl)hex...	226	C15H30O	070788-30-6	50		
3	2-(3,3-Dimethyl-oxiran-2-yl)-5-e...	209	C11H15NO3	1000194-95-4	25		
4	Iminostilbene	193	C14H11N	000256-96-2	22		
5	4-Dodecyne	166	C12H22	022058-01-1	18		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
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Sample : 04160-01
Misc :
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ClientSampleId :
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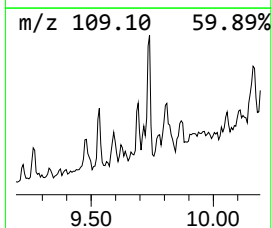
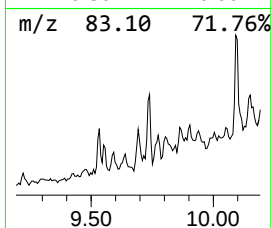
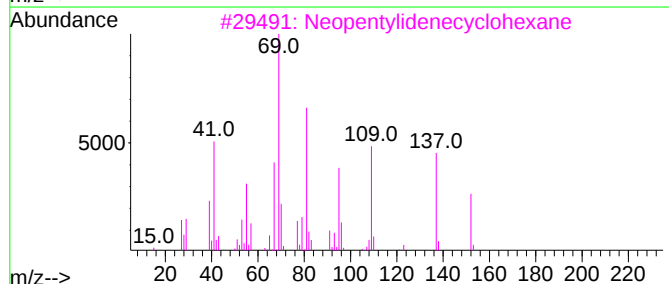
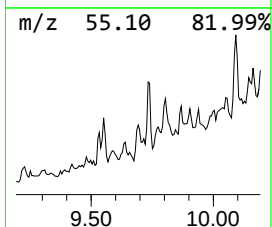
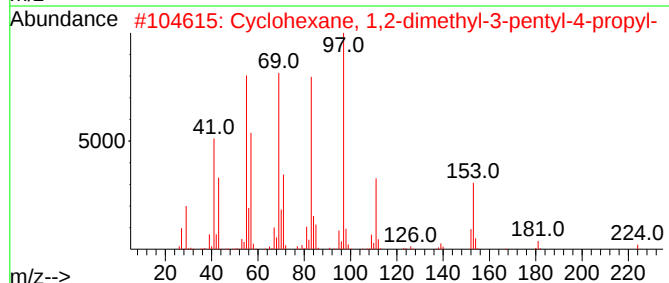
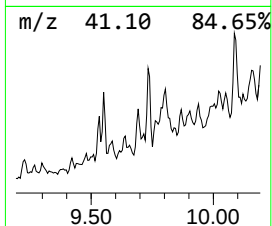
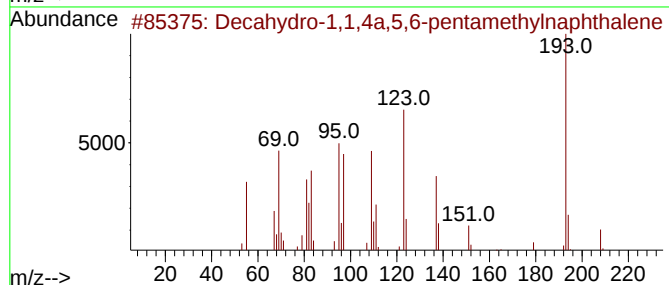
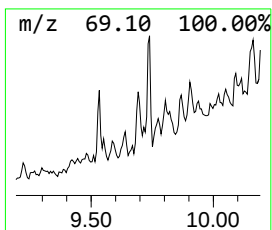
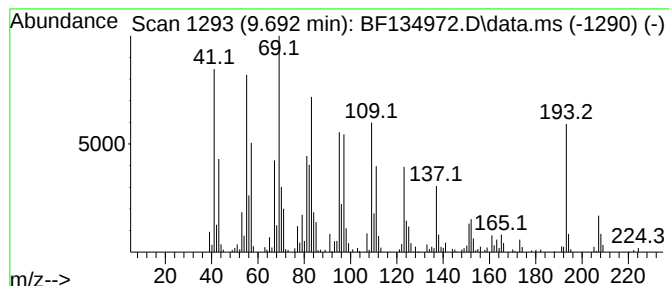
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	6.88 ng	232088	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	60
2			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
3			Neopentylidenecyclohexane	152	C11H20	039546-80-0	38
4			4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	38
5			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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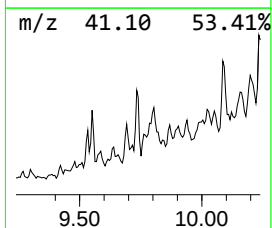
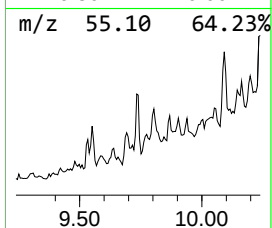
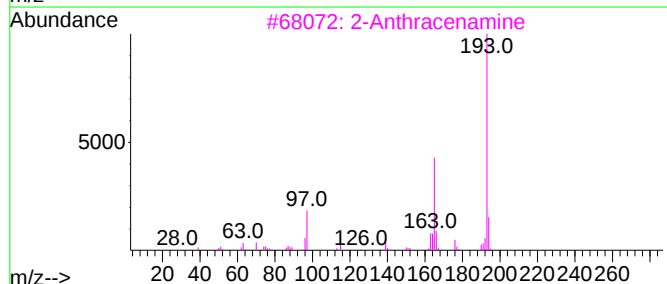
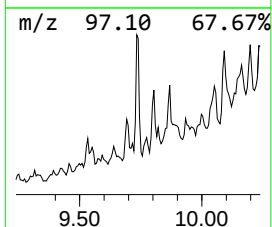
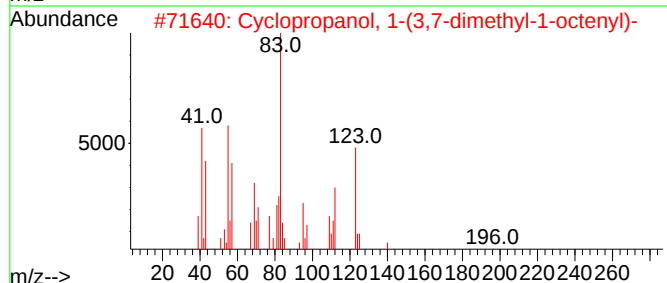
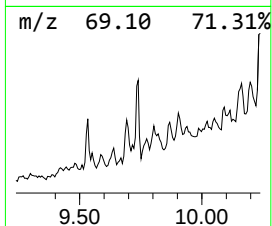
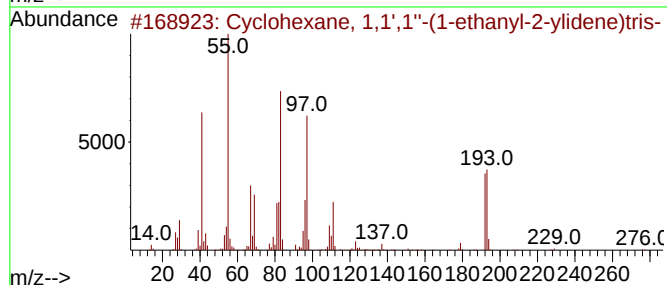
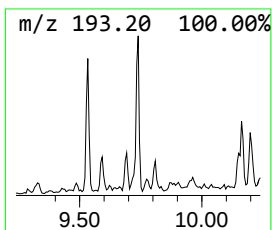
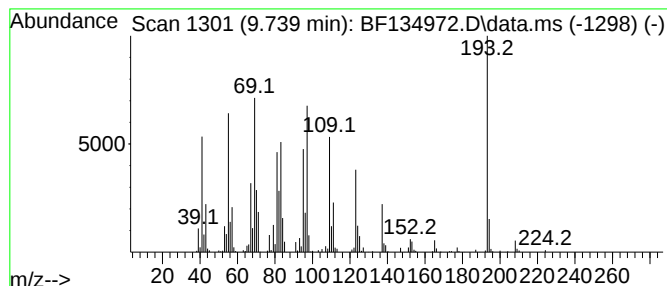
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.739 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	10.55 ng	355794	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	27
2			Cyclopropanol, 1-(3,7-dimethyl-1...	196	C13H24O	065147-72-0	22
3			2-Anthracenamine	193	C14H11N	000613-13-8	22
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20
5			Phosphinecarboxylic acid, dietho...	210	C7H15O5P	001474-78-8	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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Sample : 04160-01
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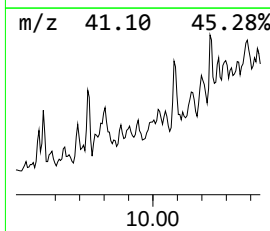
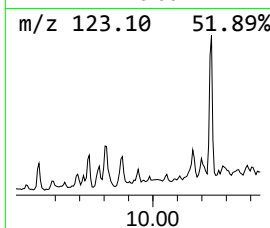
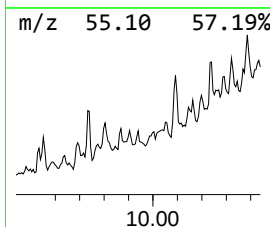
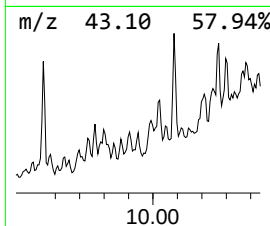
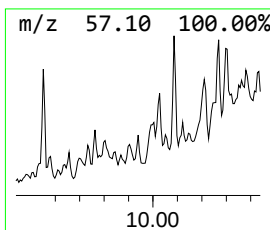
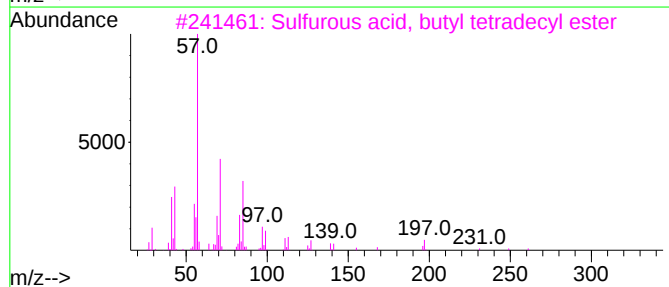
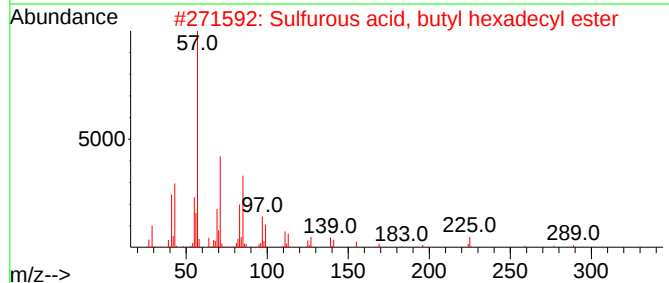
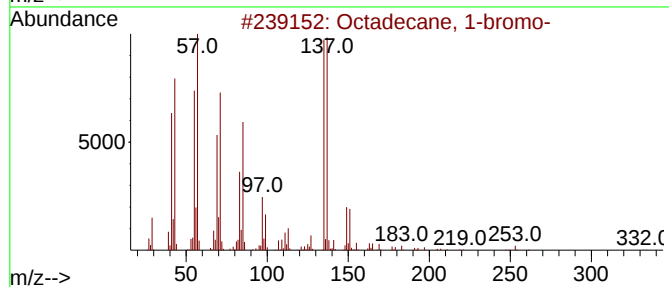
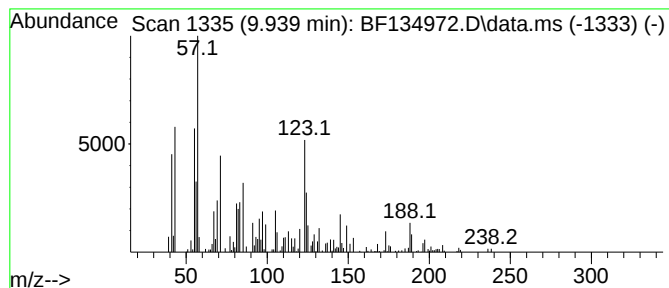
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.939 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.939	2.76 ng	92977	Acenaphthene-d10	9.827

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	27
2		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	25
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	25
4		1-Piperidineacetonitrile	124	C7H12N2	003010-03-5	25
5		Tridecane, 3-methyl-	198	C14H30	006418-41-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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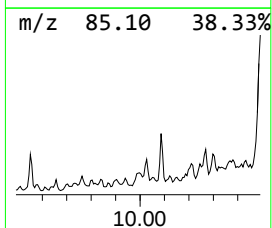
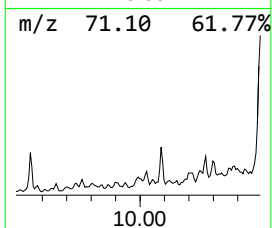
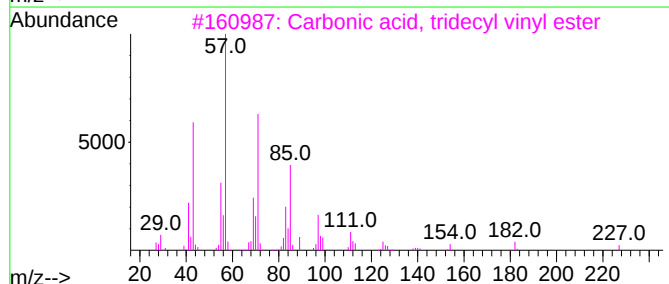
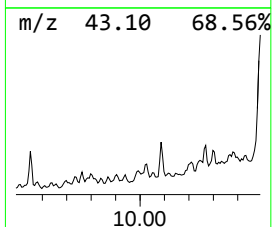
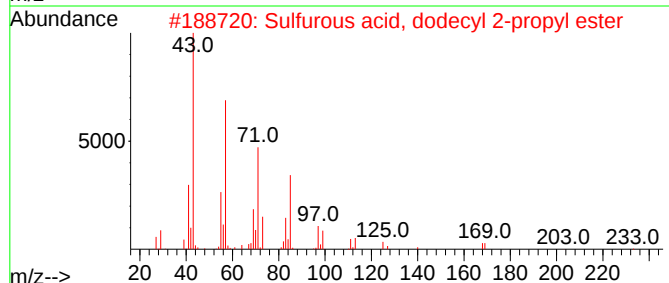
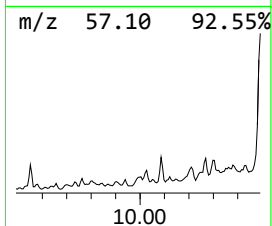
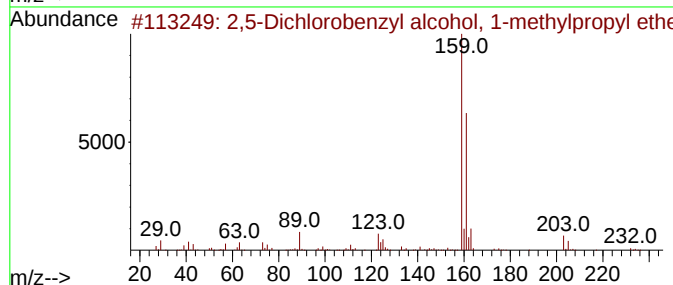
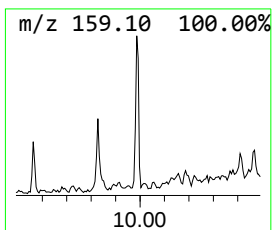
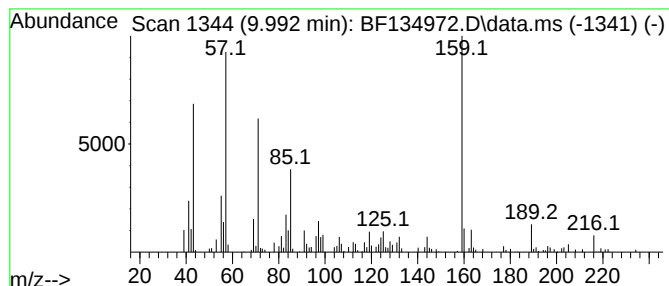
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.992 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	4.22 ng	142251	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dichlorobenzyl alcohol, 1-me...	232	C11H14Cl2O	1000378-11-8	35		
2	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	27		
3	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	27		
4	3-Amino-2-naphthol	159	C10H9NO	005417-63-0	27		
5	Tetratetracontane	619	C44H90	007098-22-8	27		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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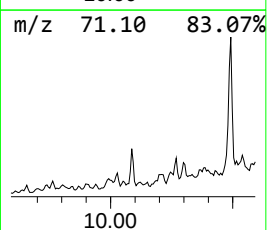
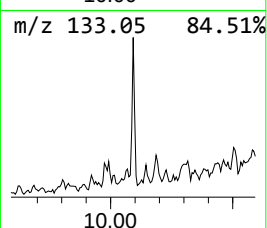
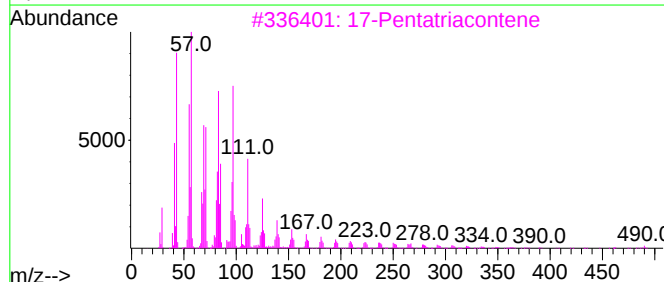
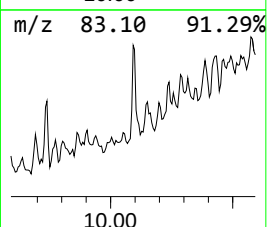
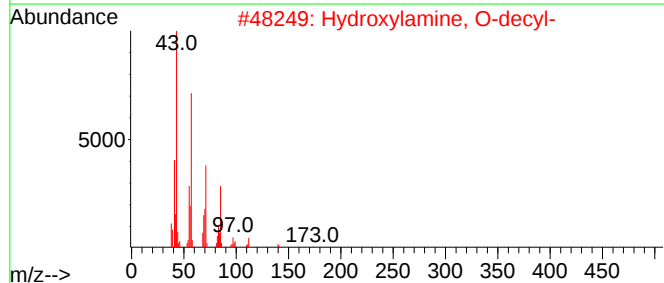
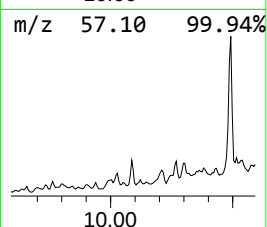
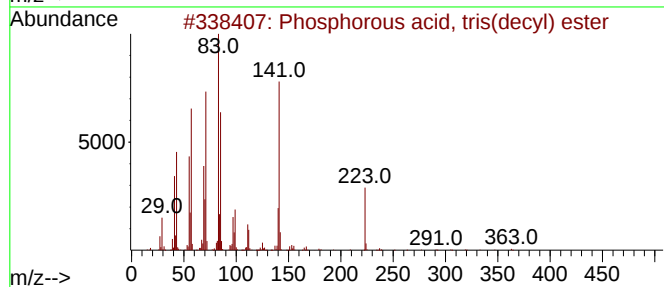
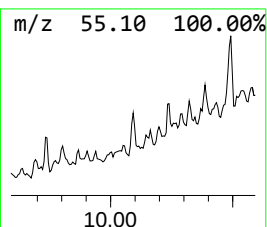
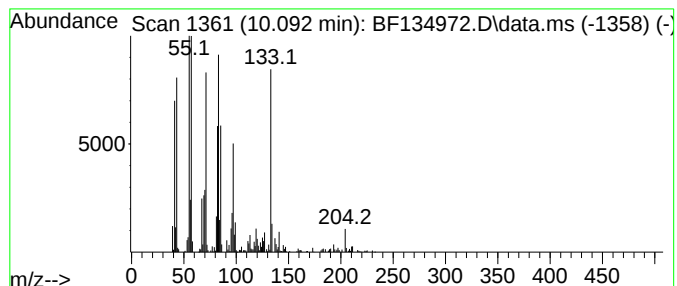
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.092 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	9.79 ng	330373	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	46
2			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	30
3			17-Pentatriacontene	491	C35H70	006971-40-0	27
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	25
5			Hexadecane	226	C16H34	000544-76-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-24449

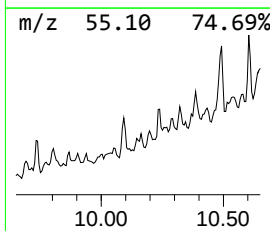
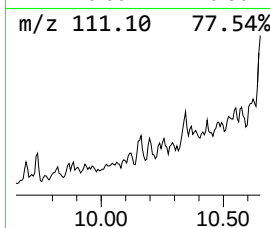
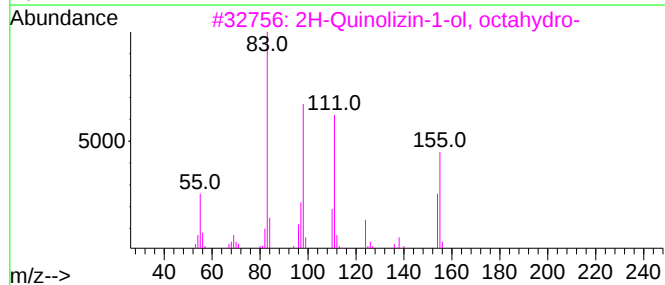
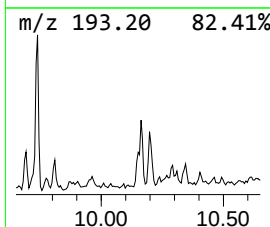
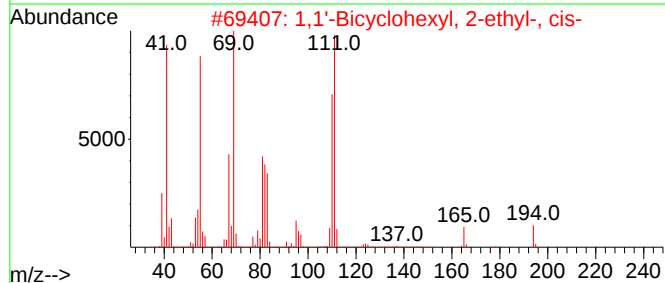
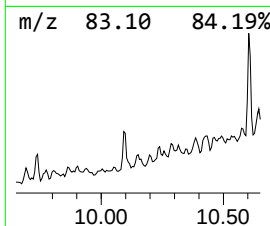
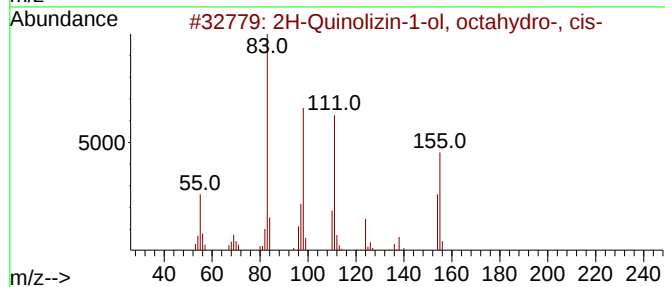
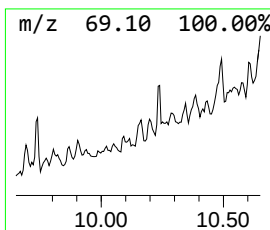
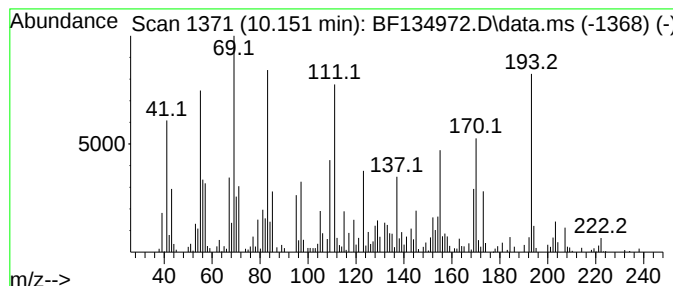
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.151 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	4.80 ng	161853	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Quinolizin-1-ol, octahydro-, ...	155	C9H17NO	010447-19-5	30
2			1,1'-Bicyclohexyl, 2-ethyl-, cis-	194	C14H26	050991-12-3	30
3			2H-Quinolizin-1-ol, octahydro-	155	C9H17NO	022525-60-6	27
4			2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	25
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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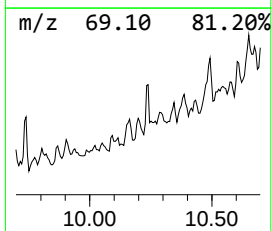
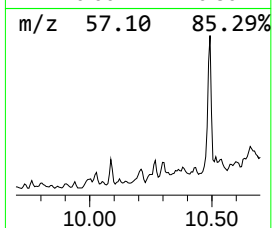
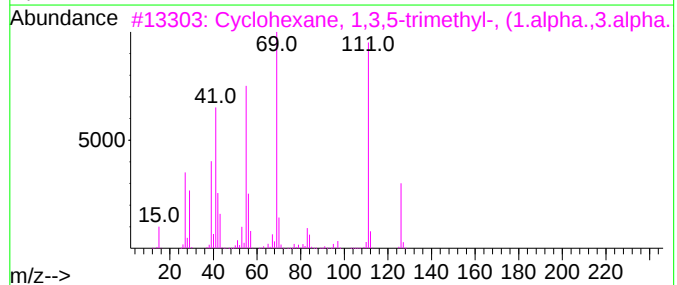
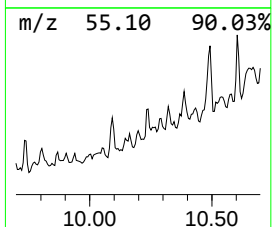
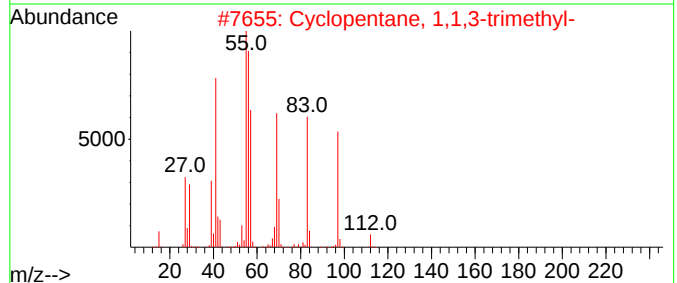
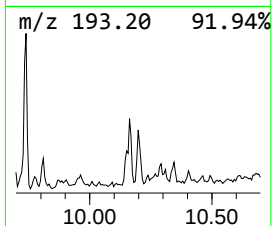
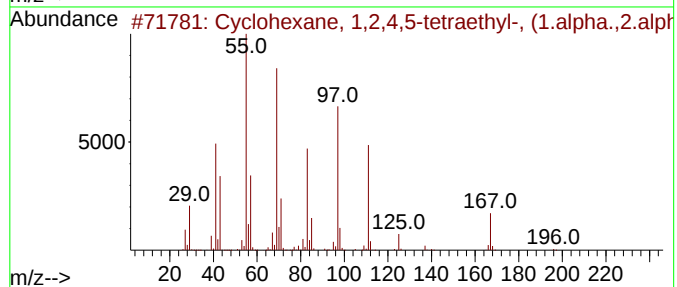
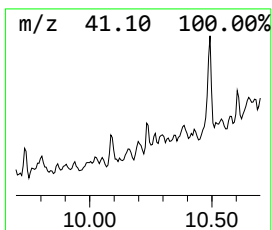
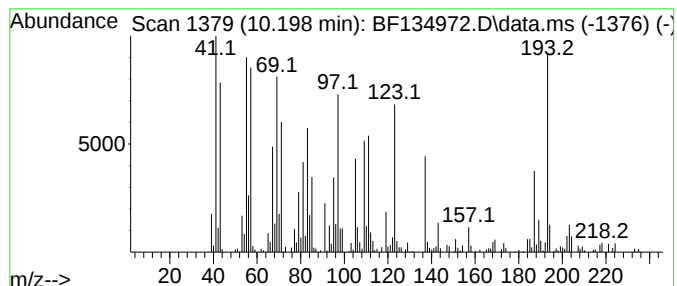
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.198 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.198	9.54 ng	321652	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	30
2			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	18
3			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	18
4			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	14
5			Butanamide, 3-methyl-2-methylene...	189	C12H15NO	095383-63-4	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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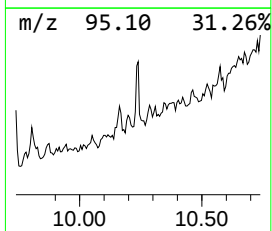
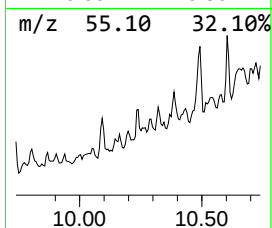
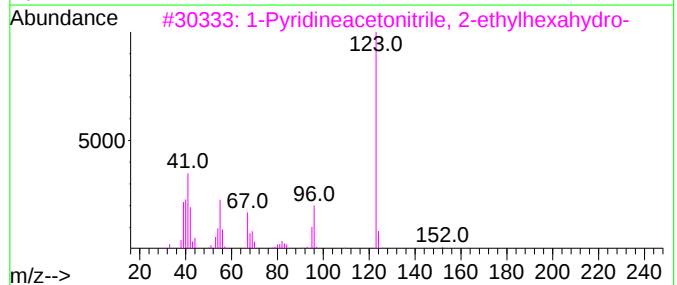
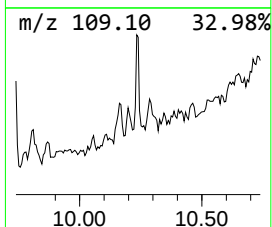
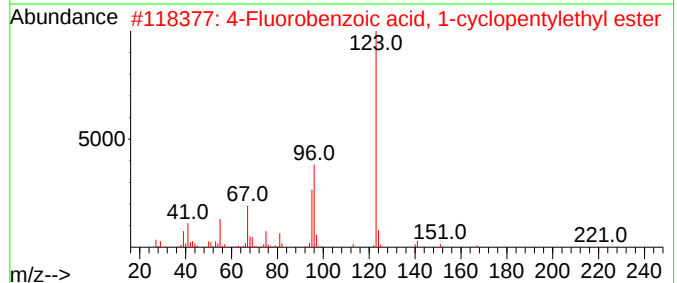
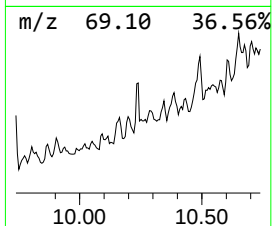
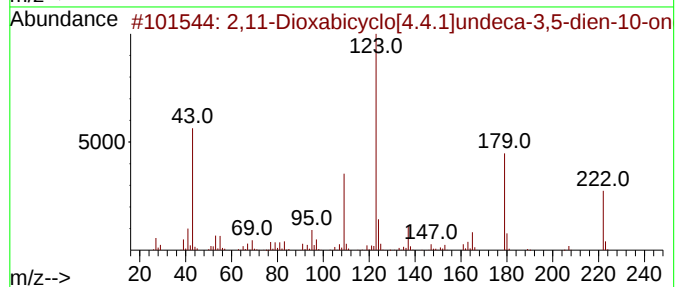
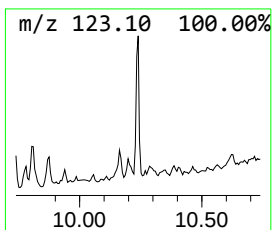
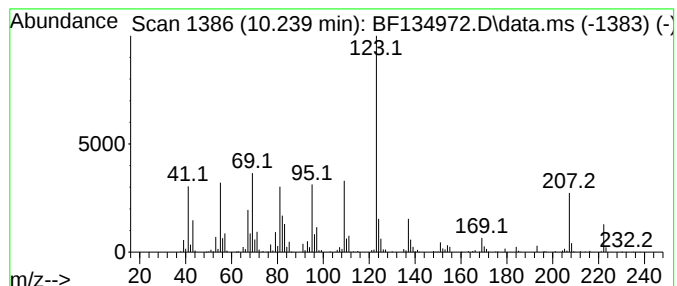
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	11.76 ng	396560	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2			4-Fluorobenzoic acid, 1-cyclopent...	236	C14H17FO2	1000279-05-8	50
3			1-Pyridineacetonitrile, 2-ethylh...	152	C9H16N2	951905-06-9	47
4			2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	47
5			2-Fluorobenzoic acid, 6-ethyl-2-...	280	C17H25FO2	1000278-96-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

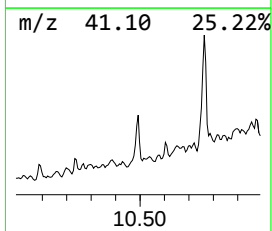
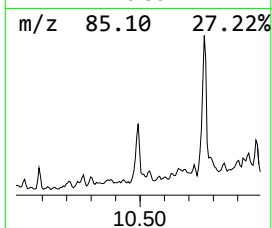
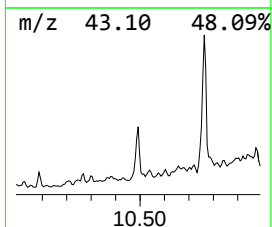
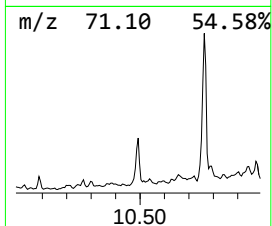
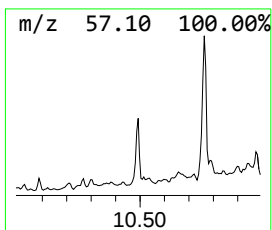
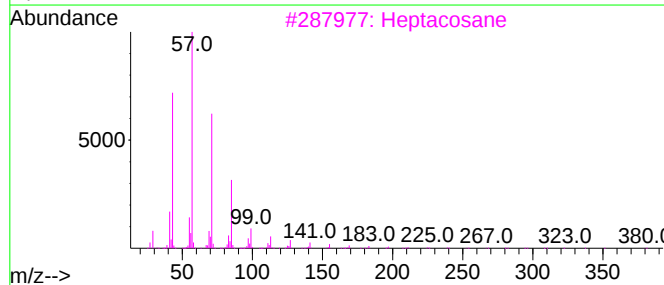
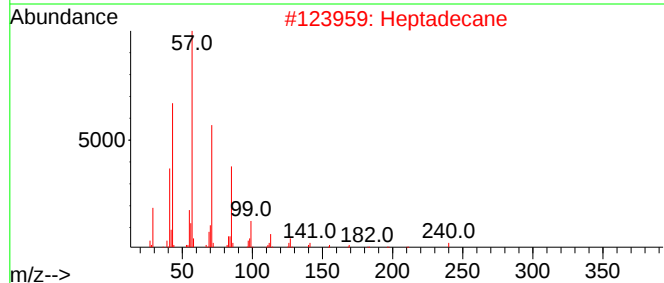
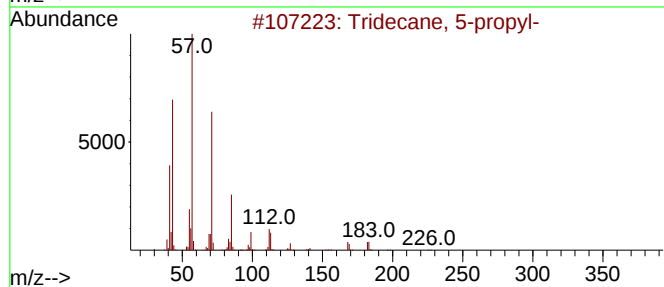
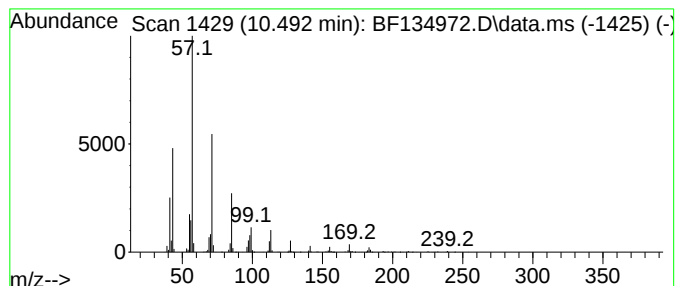
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.492	28.14 ng	949148	Acenaphthene-d10		9.827	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-		226	C16H34	055045-11-9	87
2	Heptadecane		240	C17H36	000629-78-7	86
3	Heptacosane		380	C27H56	000593-49-7	86
4	Undecane		156	C11H24	001120-21-4	80
5	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
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Sample : 04160-01
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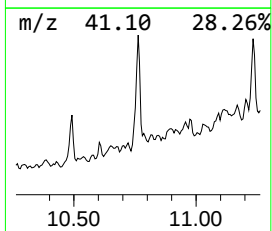
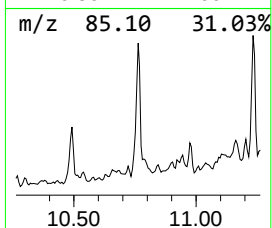
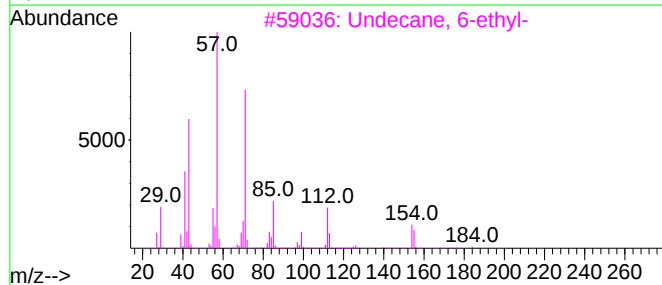
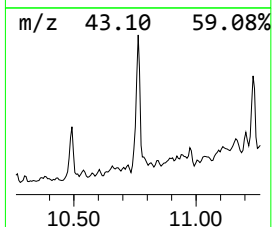
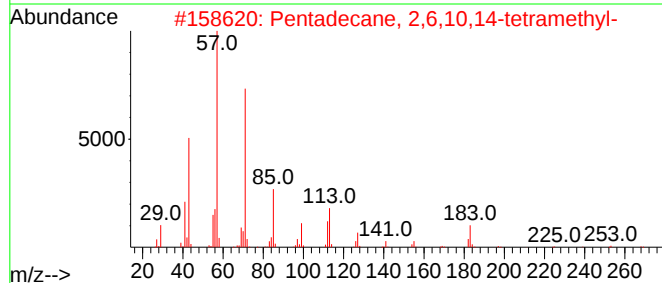
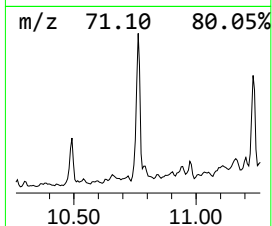
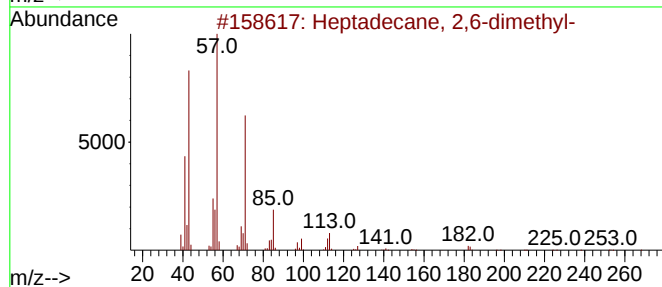
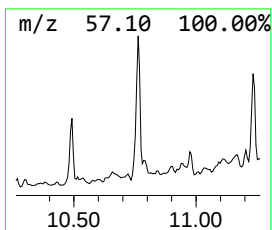
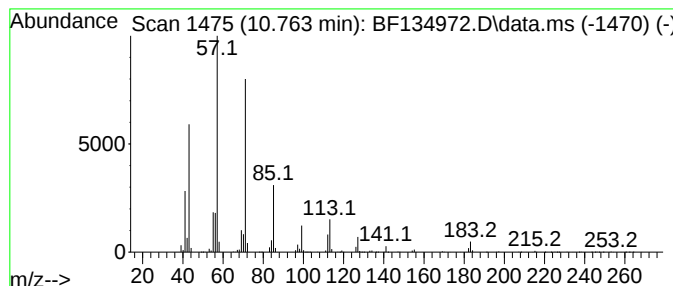
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.763	41.48 ng	3408870	Phenanthrene-d10	11.327	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	93
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
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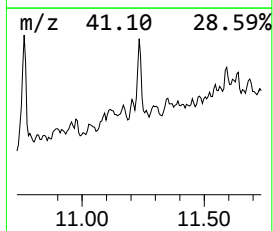
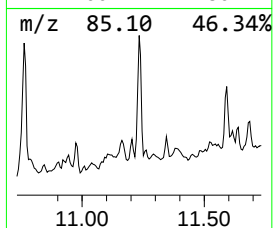
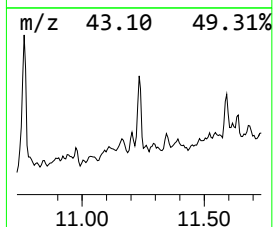
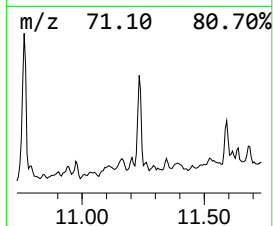
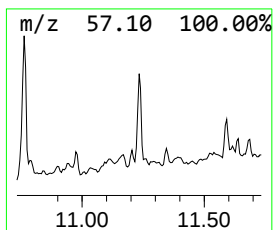
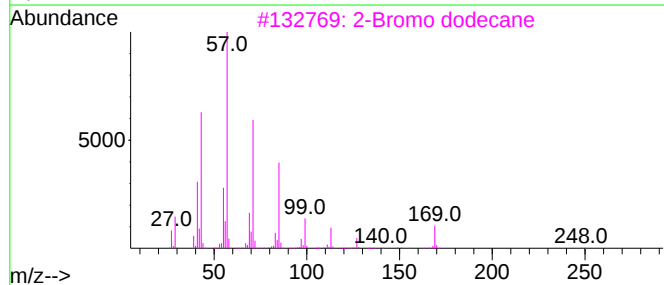
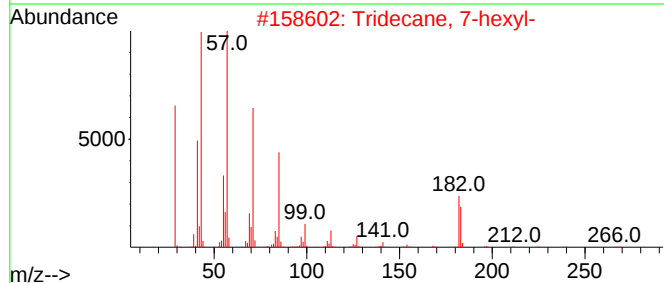
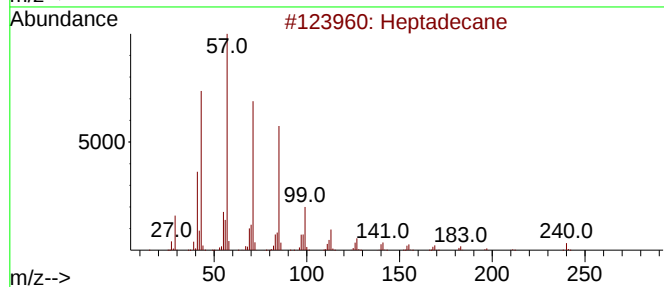
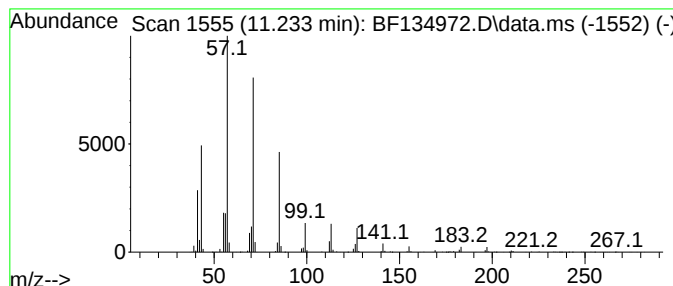
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.233	20.00 ng	1643460	Phenanthrene-d10	11.327	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-24449

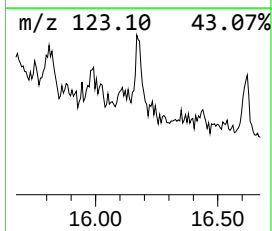
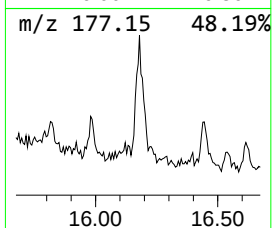
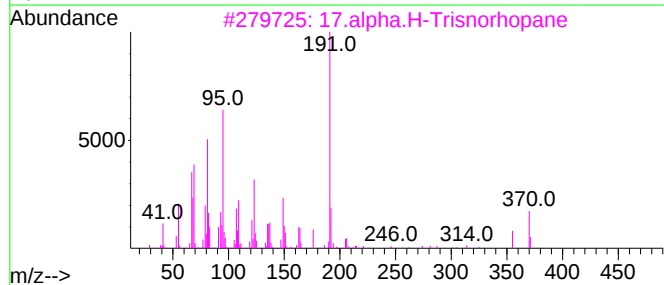
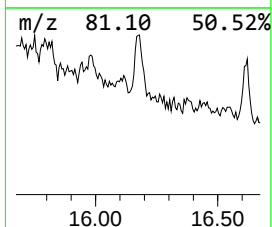
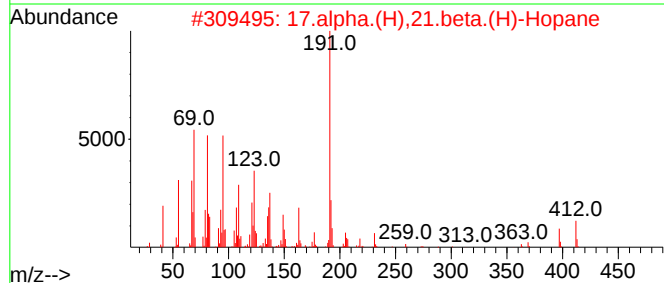
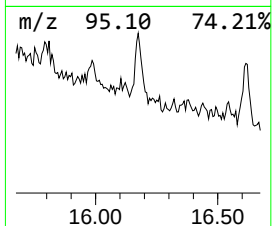
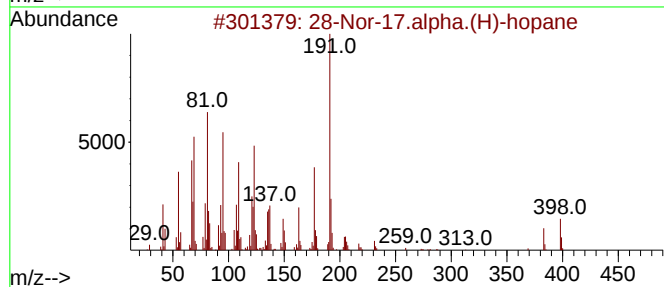
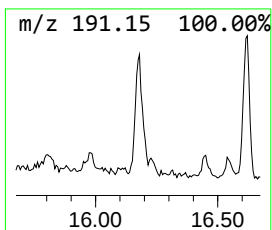
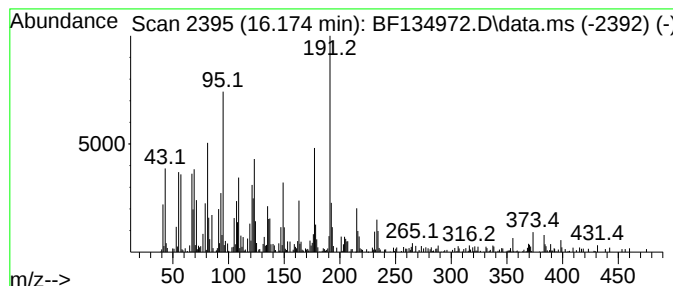
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.alpha.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.174	21.00 ng	379761	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	95
2			17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	83
3			17.alpha.H-Trisnorhopane	370	C27H46	053584-59-1	83
4			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
5			2,3-Dimethyl-6-(3-methyl-butyryl...	248	C15H20O3	071940-30-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134972.D
Acq On : 28 Aug 2023 17:05
Operator : CG\JU
Sample : 04160-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-24449

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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	25.4	ng	772626	1	6.792	609563	20.0
2-Pentanone, 4-...	5.010	37.0	ng	1128860	1	6.792	609563	20.0
Ethanol, 2-(2-e...	6.645	79.2	ng	2413320	1	6.792	609563	20.0
2-Propanol, 1-(...	6.722	5.7	ng	174197	1	6.792	609563	20.0
unknown9.533	9.533	4.9	ng	165261	3	9.827	674591	20.0
Undecane, 3,8-d...	9.551	6.2	ng	208571	3	9.827	674591	20.0
1H-Indene, octa...	9.586	2.4	ng	81770	3	9.827	674591	20.0
Decahydro-1,1,4...	9.692	6.9	ng	232088	3	9.827	674591	20.0
unknown9.739	9.739	10.6	ng	355794	3	9.827	674591	20.0
unknown9.939	9.939	2.8	ng	92977	3	9.827	674591	20.0
unknown9.992	9.992	4.2	ng	142251	3	9.827	674591	20.0
unknown10.092	10.092	9.8	ng	330373	3	9.827	674591	20.0
unknown10.151	10.151	4.8	ng	161853	3	9.827	674591	20.0
unknown10.198	10.198	9.5	ng	321652	3	9.827	674591	20.0
2,11-Dioxabicyc...	10.239	11.8	ng	396560	3	9.827	674591	20.0
Tridecane, 5-pr...	10.492	28.1	ng	949148	3	9.827	674591	20.0
Heptadecane, 2,...	10.763	41.5	ng	3408870	4	11.327	1643460	20.0
Heptadecane	11.233	20.0	ng	1643460	4	11.327	1643460	20.0
28-Nor-17.alpha...	16.174	21.0	ng	379761	6	15.468	361721	20.0