

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143972.D
 Acq On : 16 Oct 2025 00:45
 Operator : RC/JU
 Sample : Q3340-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % 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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.463	380	386	392	rBV	349294	510730	20.27%	4.217%
2	5.087	476	492	500	rBV	200116	330206	13.10%	2.727%
3	5.493	555	561	570	rBV	823330	1093417	43.39%	9.029%
4	6.504	727	733	744	rVB	878157	1165554	46.25%	9.624%
5	6.881	792	797	810	rBV	378823	548443	21.76%	4.529%
6	7.440	883	892	899	rBV	547463	764629	30.34%	6.314%
7	8.163	1011	1015	1020	rBV	433963	567887	22.53%	4.689%
8	8.510	1069	1074	1081	rBV3	79920	157635	6.26%	1.302%
9	9.239	1193	1198	1203	rBV	988986	1220786	48.44%	10.080%
10	9.639	1262	1266	1270	rBV2	171279	230922	9.16%	1.907%
11	9.792	1288	1292	1294	rBV4	101646	154567	6.13%	1.276%
12	9.833	1296	1299	1303	rVB3	146279	207436	8.23%	1.713%
13	9.922	1310	1314	1318	rVB	437135	558840	22.18%	4.614%
14	10.180	1355	1358	1362	rBV2	228488	318334	12.63%	2.629%
15	10.333	1381	1384	1389	rBV4	388022	643313	25.53%	5.312%
16	10.586	1423	1427	1431	rBV	711965	1117831	44.36%	9.230%
17	10.863	1470	1474	1480	rBV	1587575	2520074	100.00%	20.809%

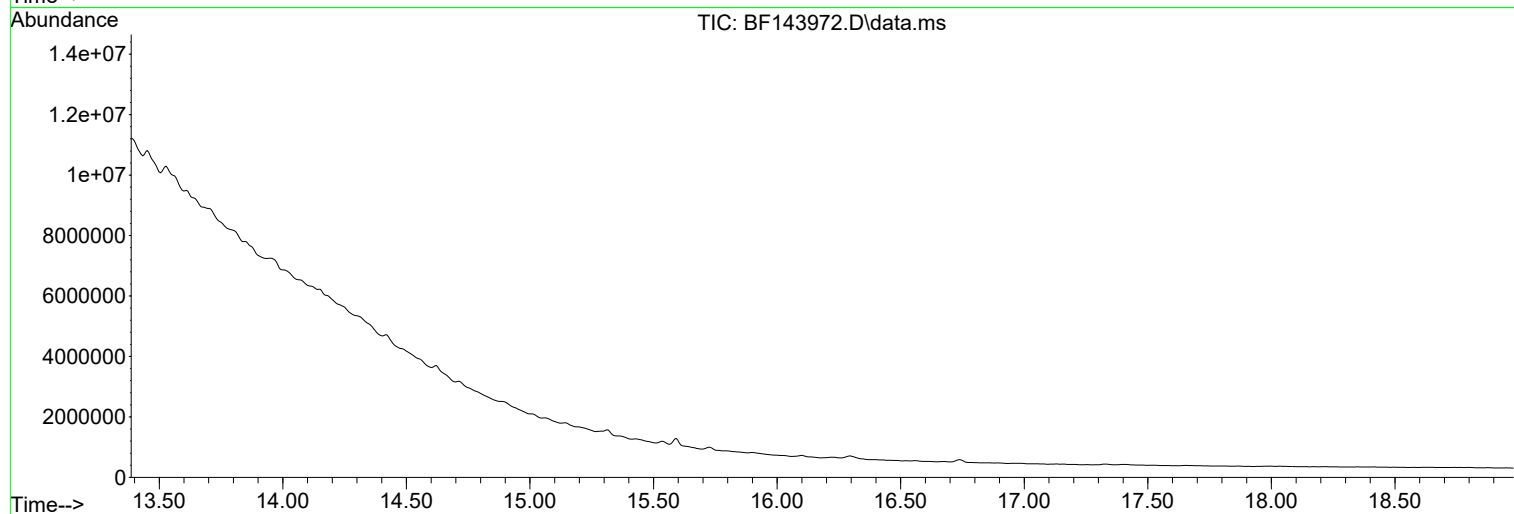
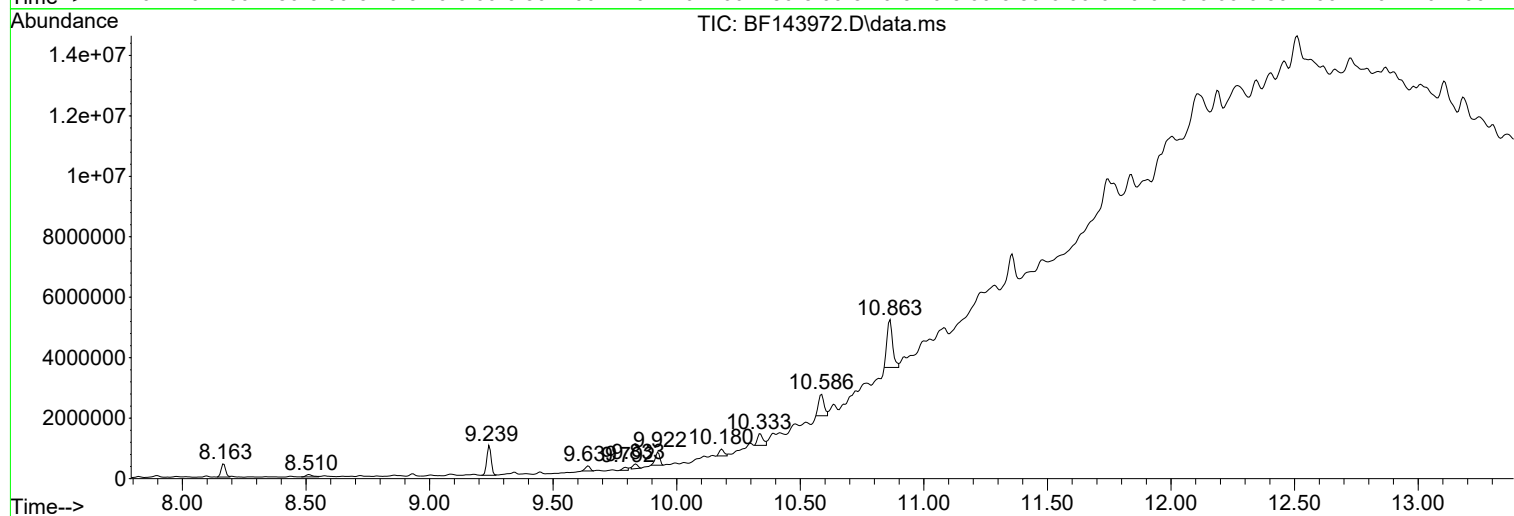
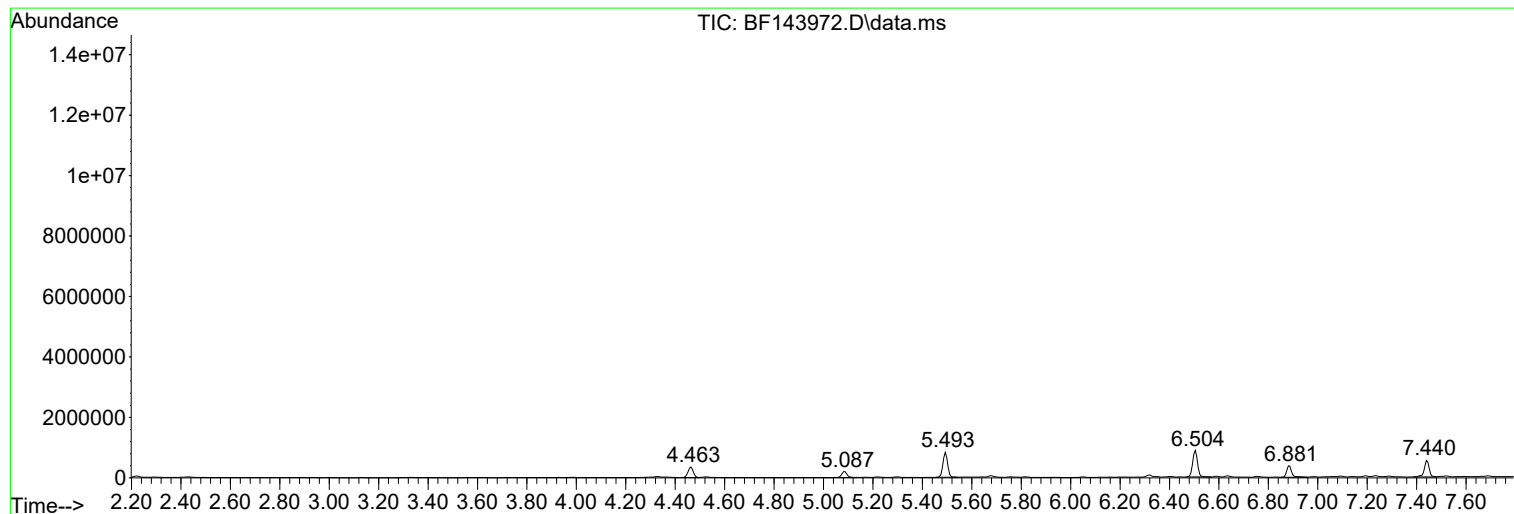
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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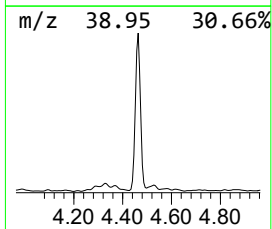
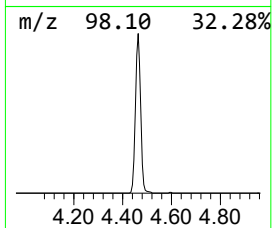
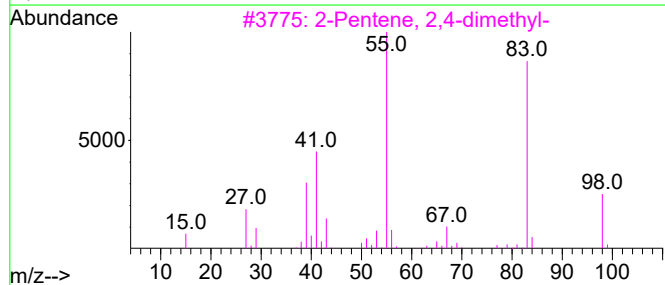
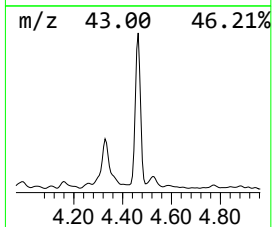
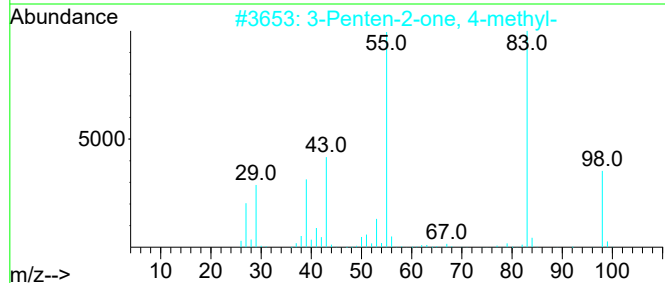
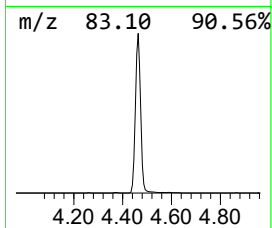
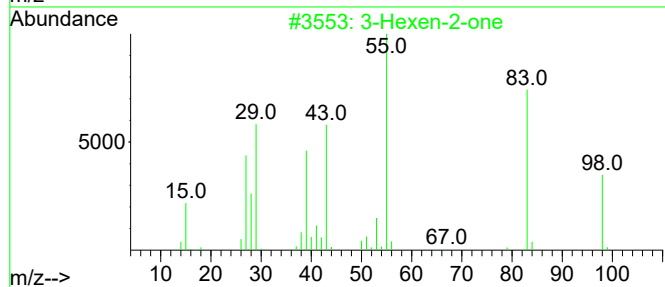
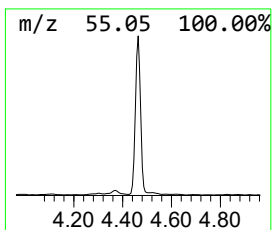
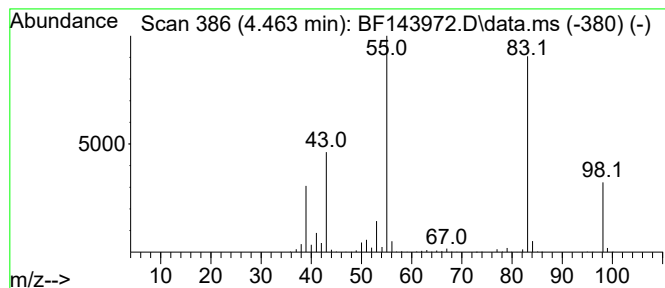
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Hexen-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.463	18.62 ng	510730	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	91
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86



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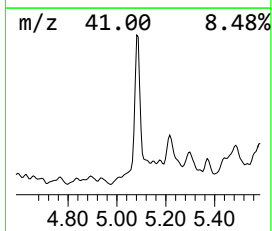
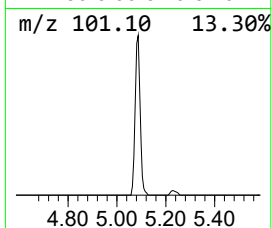
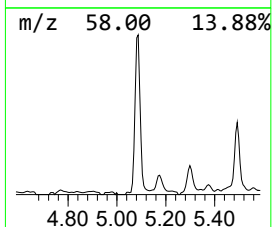
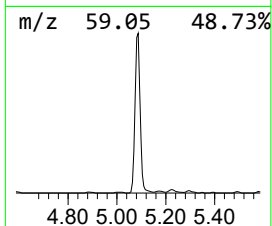
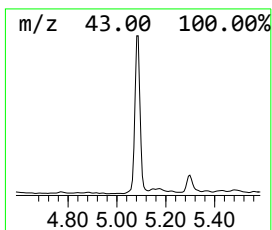
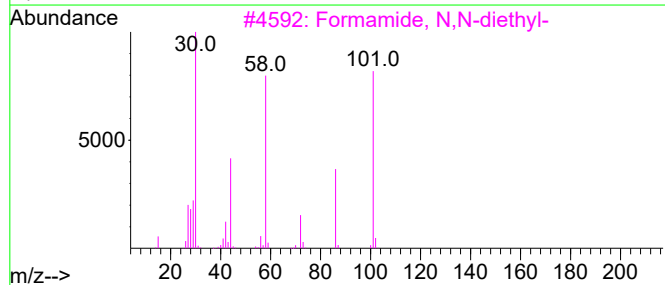
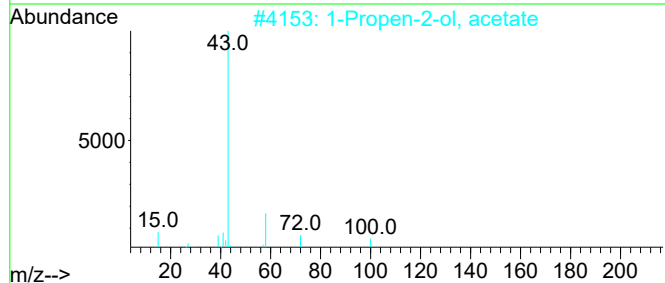
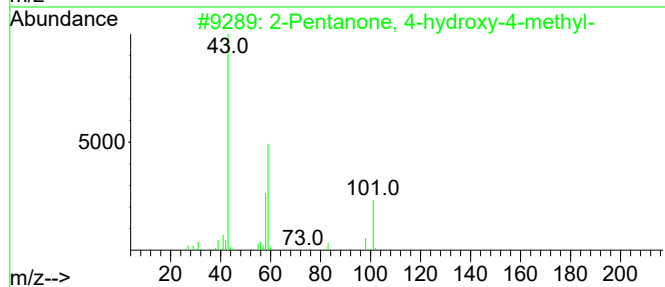
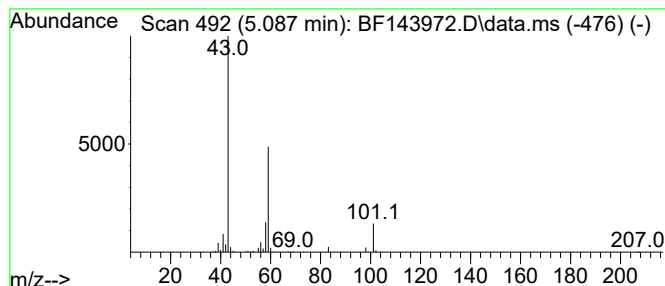
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	12.04 ng	330206	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		
3	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5		
5	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	5		



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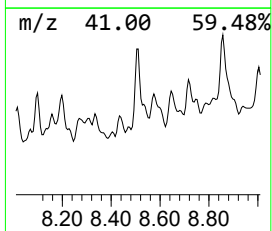
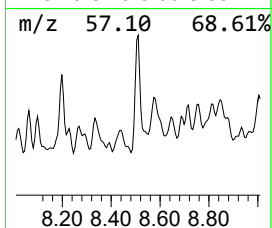
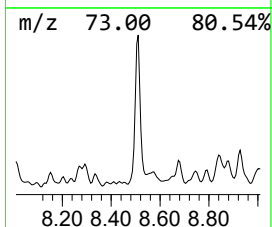
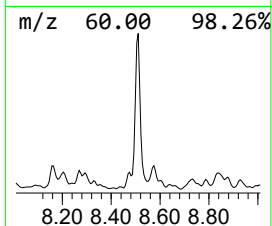
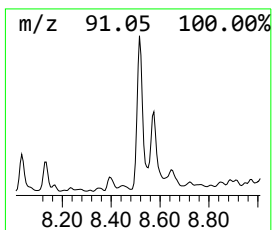
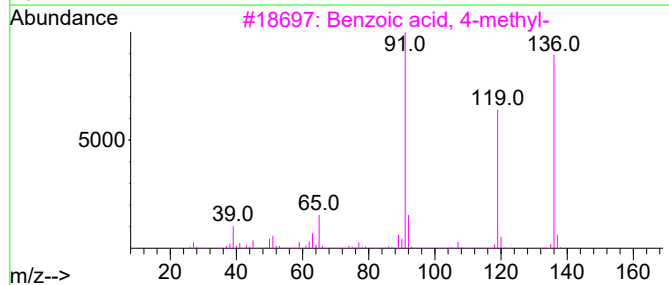
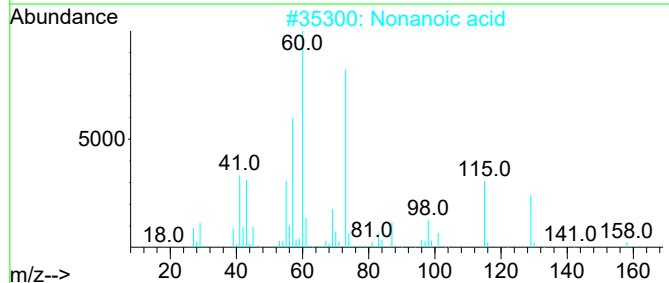
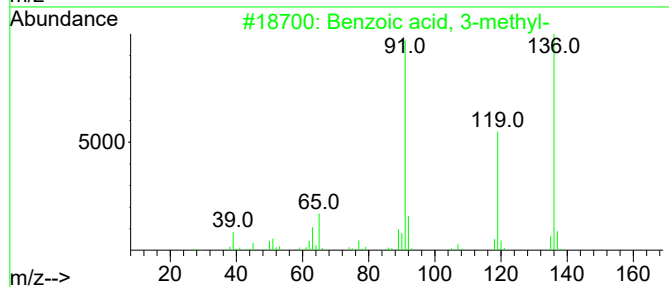
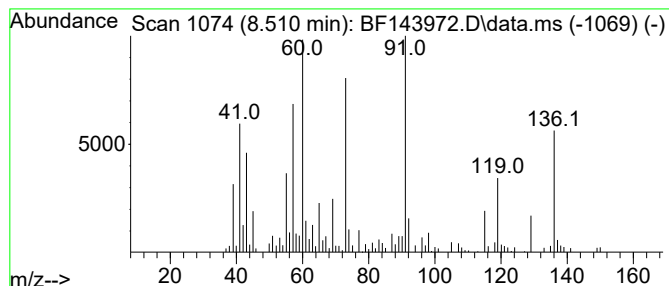
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	5.55 ng	157635	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	49
2			Nonanoic acid	158	C9H18O2	000112-05-0	43
3			Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	42
4			Benzeneacetic acid	136	C8H8O2	000103-82-2	35
5			Benzaldehyde, 2-amino-, oxime	136	C7H8N2O	003398-07-0	30



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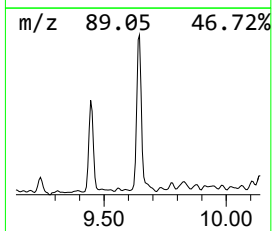
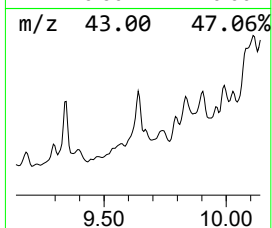
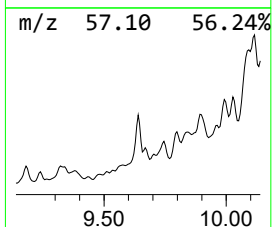
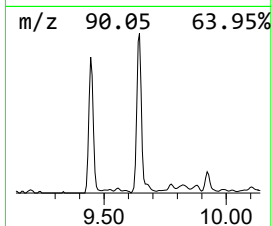
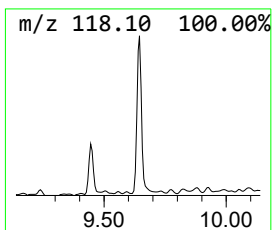
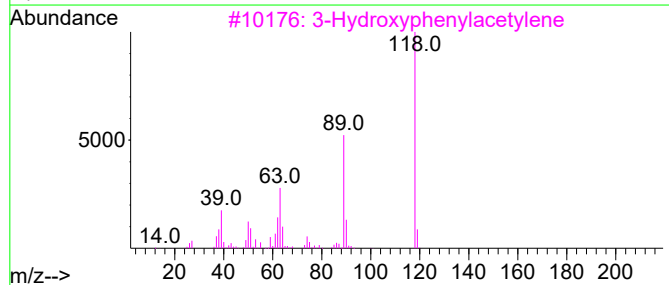
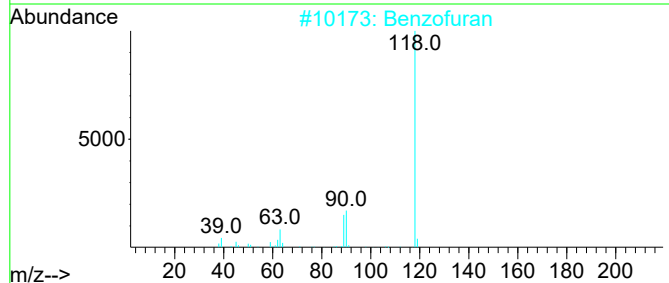
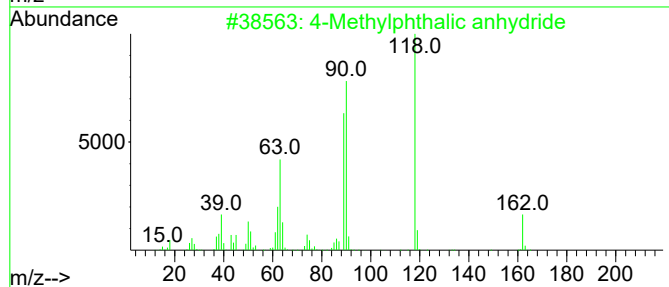
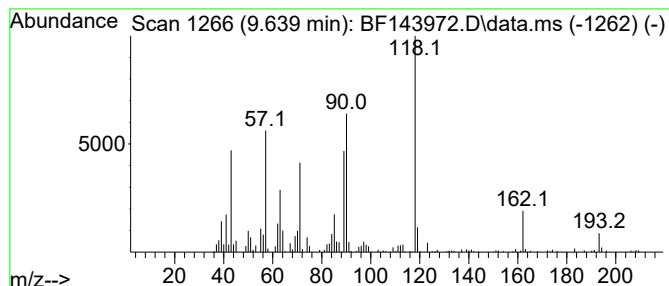
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Peak Number 4 4-Methylphthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	8.26 ng	230922	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	91
2			Benzofuran	118	C8H6O	000271-89-6	76
3			3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64
4			Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	64
5			1,2-Benzenedicarboxylic acid, 4-...	180	C9H8O4	004316-23-8	64



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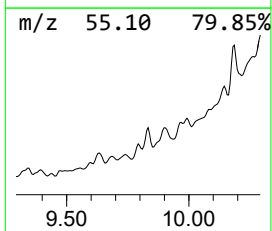
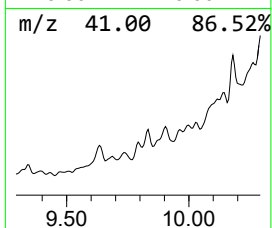
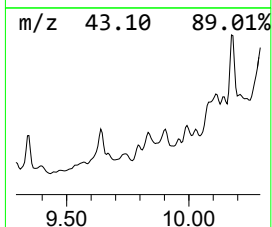
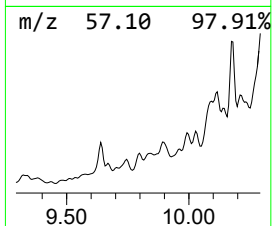
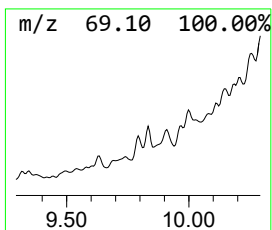
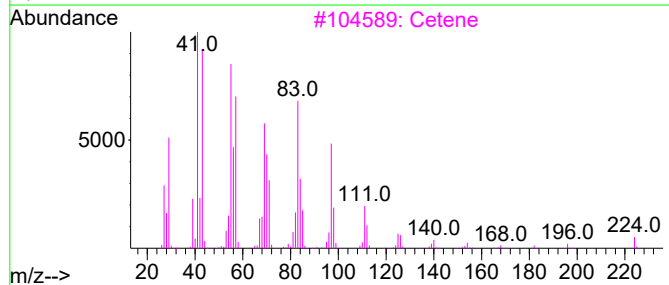
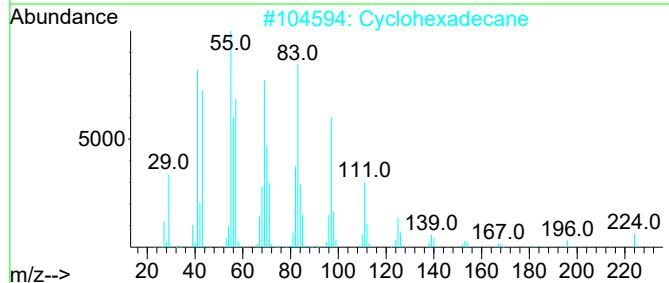
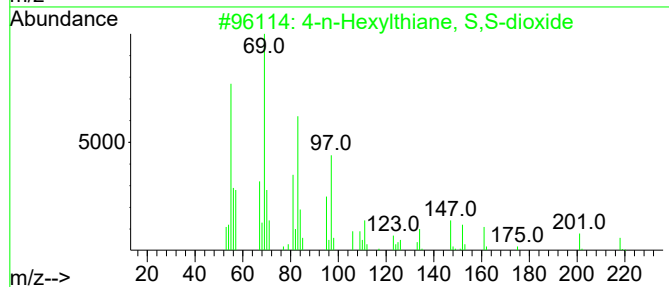
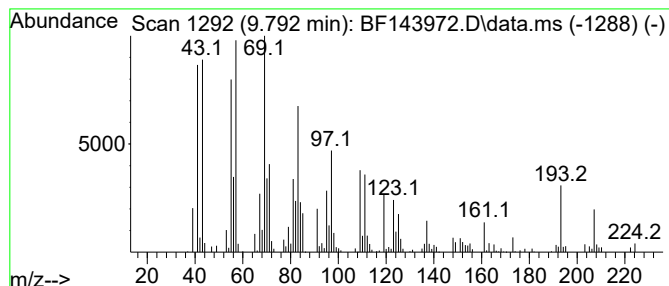
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4-n-Hexylthiane, S,S-dioxide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	5.53 ng	154567	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	49
2		Cyclohexadecane	224	C16H32	000295-65-8	46
3		Cetene	224	C16H32	000629-73-2	46
4		1-Tricosene	322	C23H46	018835-32-0	35
5		1-Hexacosene	364	C26H52	018835-33-1	35



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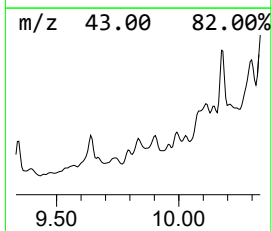
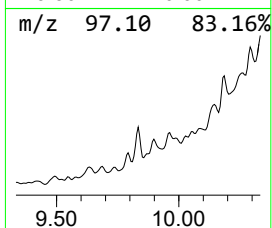
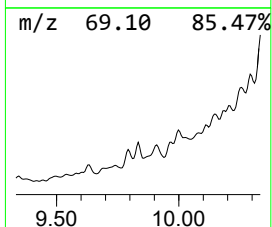
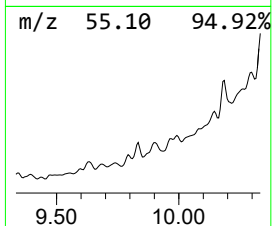
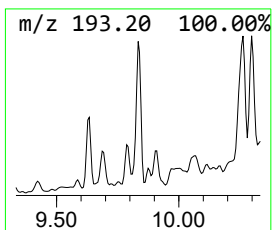
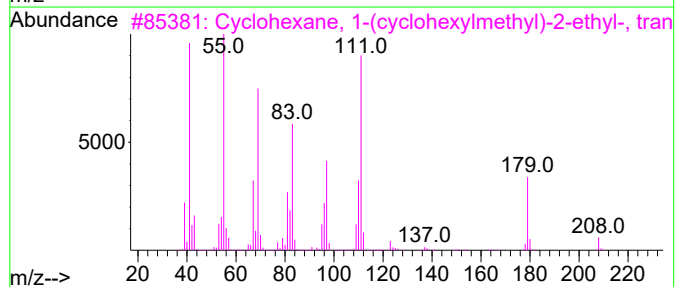
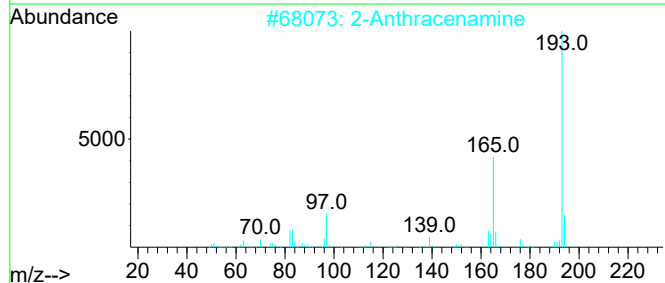
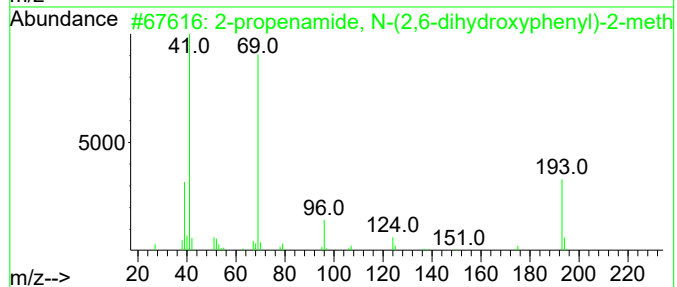
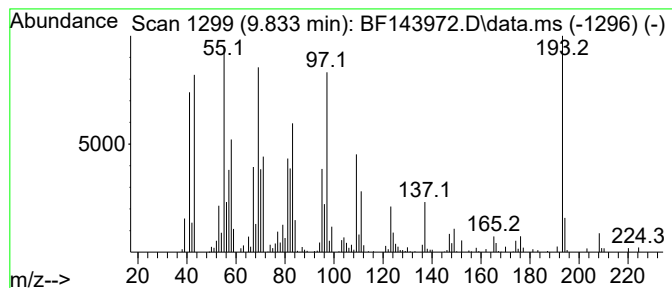
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-propenamide, N-(2,6-dihyd... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	7.42 ng	207436	Acenaphthene-d10	9.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-propenamide, N-(2,6-dihydroxyp...	193	C10H11NO3	1000395-98-7	46
2		2-Anthracenamine	193	C14H11N	000613-13-8	41
3		Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-92-8	30
4		3-Heptene, 4-propyl-	140	C10H20	004485-13-6	27
5		Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143972.D
Acq On : 16 Oct 2025 00:45
Operator : RC/JU
Sample : Q3340-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONCRETE-1

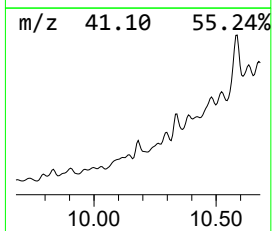
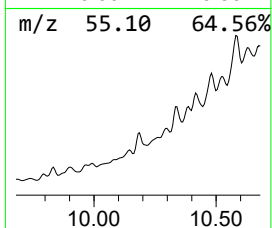
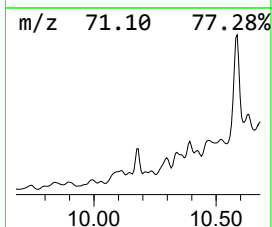
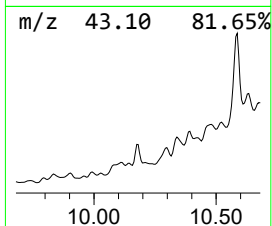
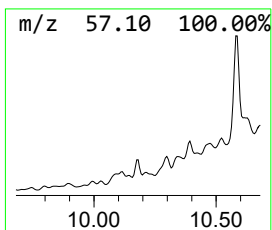
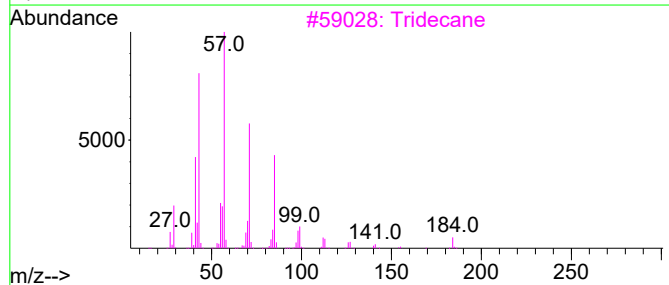
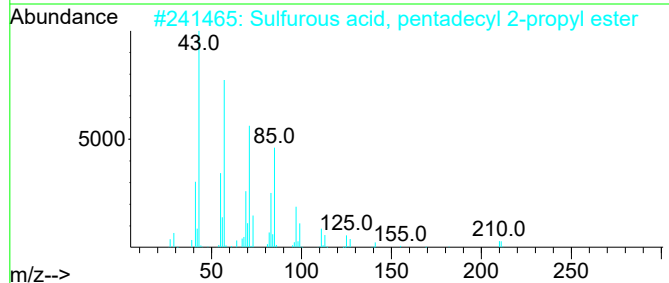
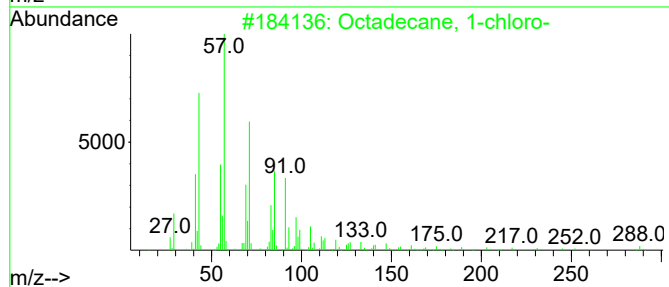
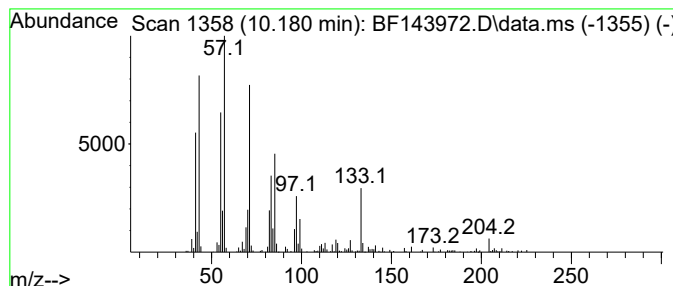
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	11.39 ng	318334	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
2			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	59
3			Tridecane	184	C13H28	000629-50-5	53
4			Heneicosane	296	C21H44	000629-94-7	49
5			Eicosane, 10-methyl-	296	C21H44	054833-23-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143972.D
Acq On : 16 Oct 2025 00:45
Operator : RC/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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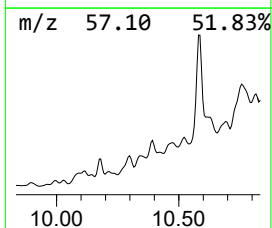
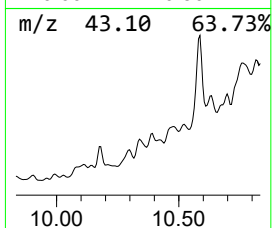
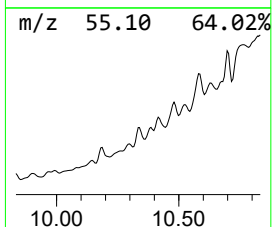
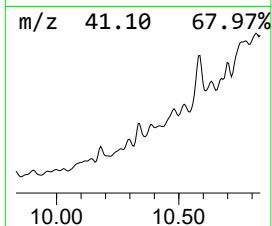
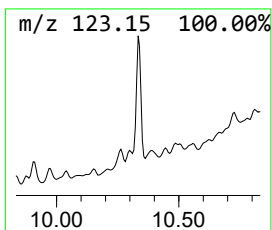
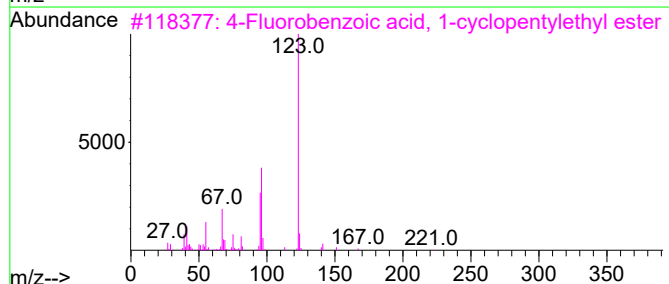
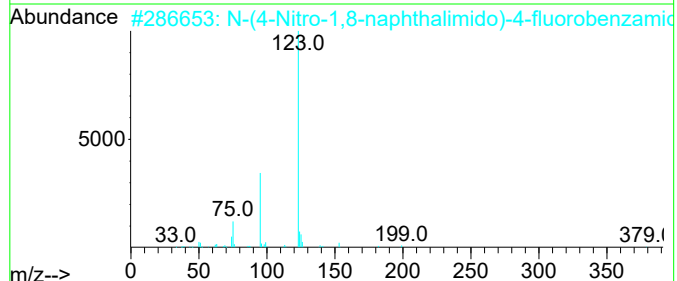
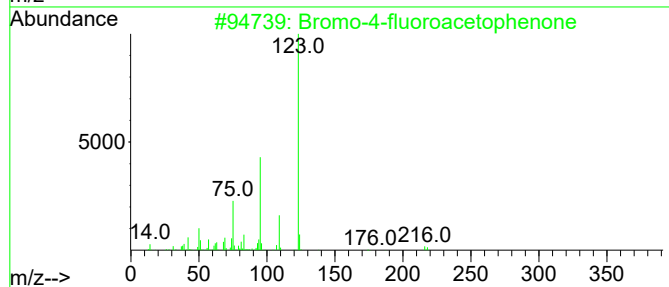
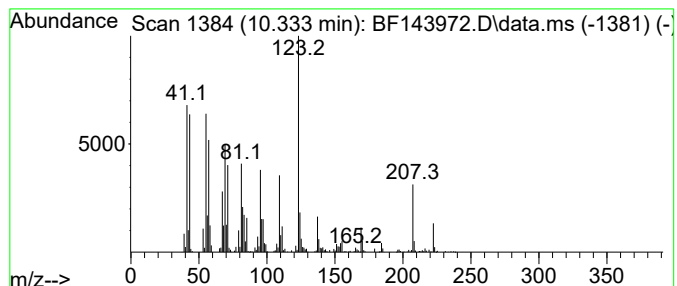
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bromo-4-fluoroacetophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	23.02 ng	643313	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	43
2			N-(4-Nitro-1,8-naphthalimido)-4-...	379	C19H10FN3O5	300690-90-8	38
3			4-Fluorobenzoic acid, 1-cyclopentyl-	236	C14H17FO2	1000279-05-8	38
4			Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	38
5			Benzamide, 3-fluoro-N-methyl-N-(...	223	C13H18FNO	1000421-36-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143972.D
Acq On : 16 Oct 2025 00:45
Operator : RC/JU
Sample : Q3340-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

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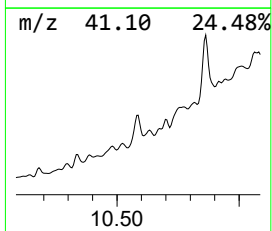
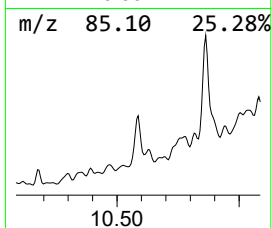
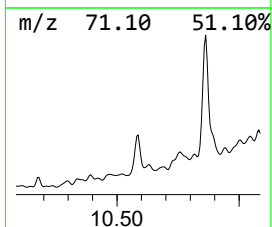
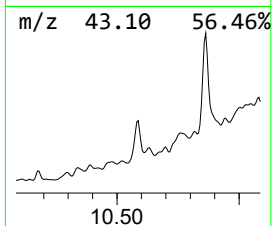
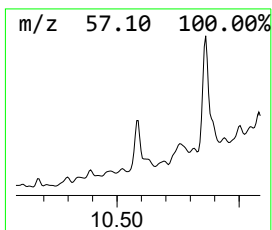
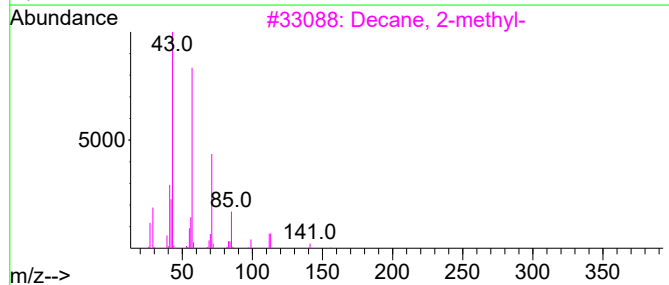
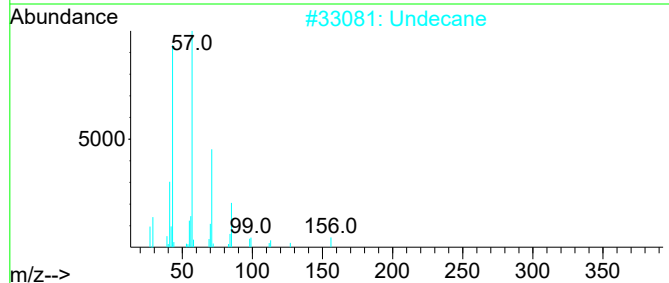
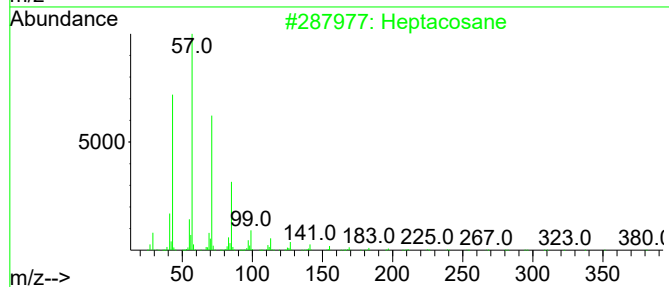
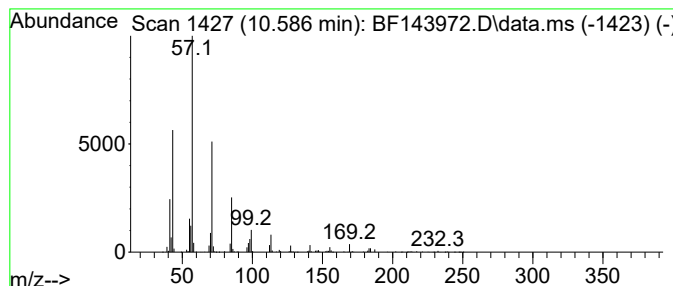
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	40.01 ng	1117830	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	86
2			Undecane	156	C11H24	001120-21-4	83
3			Decane, 2-methyl-	156	C11H24	006975-98-0	83
4			Heptadecane	240	C17H36	000629-78-7	80
5			Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143972.D
Acq On : 16 Oct 2025 00:45
Operator : RC/JU
Sample : Q3340-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CONCRETE-1

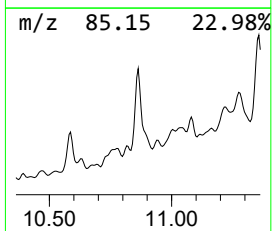
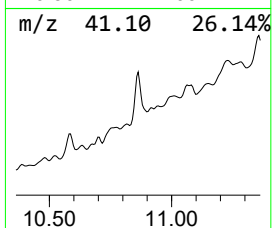
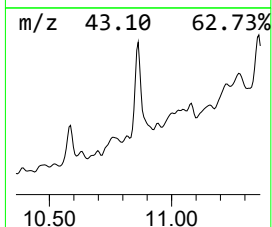
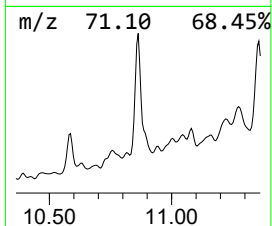
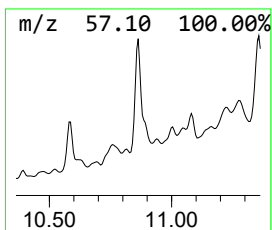
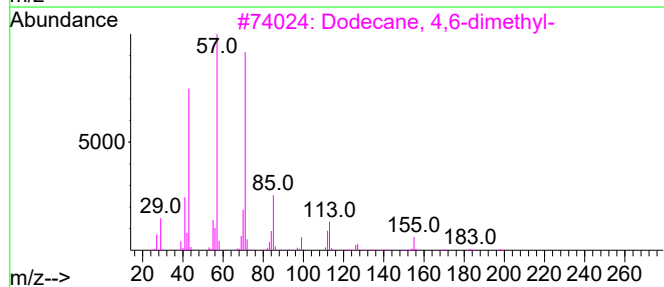
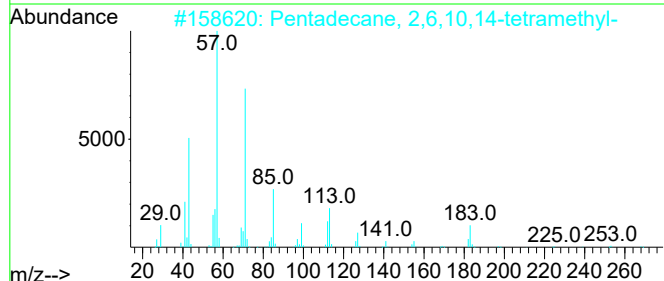
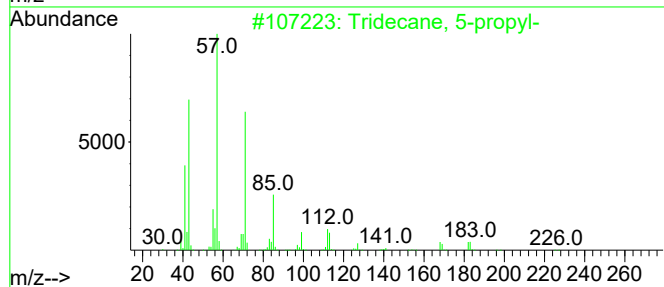
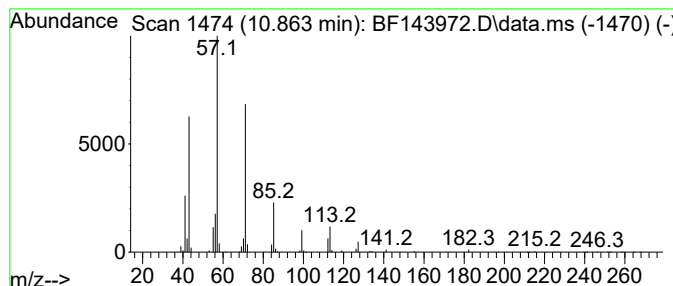
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.863	20.00 ng	2520070	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Octadecane, 4-methyl-	268	C19H40	010544-95-3	64
5			Decane, 5-propyl-	184	C13H28	017312-62-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
Data File : BF143972.D
Acq On : 16 Oct 2025 00:45
Operator : RC/JU
Sample : Q3340-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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	4.463	18.6	ng	510730	1	6.881	548443	20.0
2-Pentanone, 4-...	5.087	12.0	ng	330206	1	6.881	548443	20.0
Benzoic acid, 3...	8.510	5.6	ng	157635	2	8.163	567887	20.0
4-Methylphthali...	9.639	8.3	ng	230922	3	9.922	558840	20.0
4-n-Hexylthiane...	9.792	5.5	ng	154567	3	9.922	558840	20.0
2-propenamide, ...	9.833	7.4	ng	207436	3	9.922	558840	20.0
Octadecane, 1-c...	10.181	11.4	ng	318334	3	9.922	558840	20.0
Bromo-4-fluoroa...	10.333	23.0	ng	643313	3	9.922	558840	20.0
Heptacosane	10.586	40.0	ng	1117830	3	9.922	558840	20.0
Tridecane, 5-pr...	10.863	20.0	ng	2520070	4	11.439	2520070	20.0