

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142962.D
 Acq On : 01 Jul 2025 21:35
 Operator : RC/JU
 Sample : Q2447-06 20X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0100

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.875	791	796	803	rBV	181242	223581	37.65%	8.123%
2	7.534	900	908	922	rBV	18007	33310	5.61%	1.210%
3	8.157	1007	1014	1020	rBV	220578	275084	46.33%	9.994%
4	9.234	1192	1197	1201	rBV	26157	39596	6.67%	1.439%
5	9.310	1206	1210	1214	rBV	35296	47441	7.99%	1.724%
6	9.575	1251	1255	1260	rVB	117654	148459	25.00%	5.394%
7	9.628	1260	1264	1267	rBV3	33442	54184	9.12%	1.969%
8	9.781	1287	1290	1293	rBV3	24685	39089	6.58%	1.420%
9	9.828	1294	1298	1303	rVV2	48253	109521	18.44%	3.979%
10	9.916	1309	1313	1317	rVB	261366	316427	53.29%	11.496%
11	10.822	1464	1467	1475	rVB2	123515	234966	39.57%	8.537%
12	11.269	1540	1543	1545	rBV	186189	248162	41.79%	9.016%
13	11.410	1563	1567	1570	rBV	285074	388824	65.48%	14.126%
14	11.863	1641	1644	1653	rBV	268971	593804	100.00%	21.574%

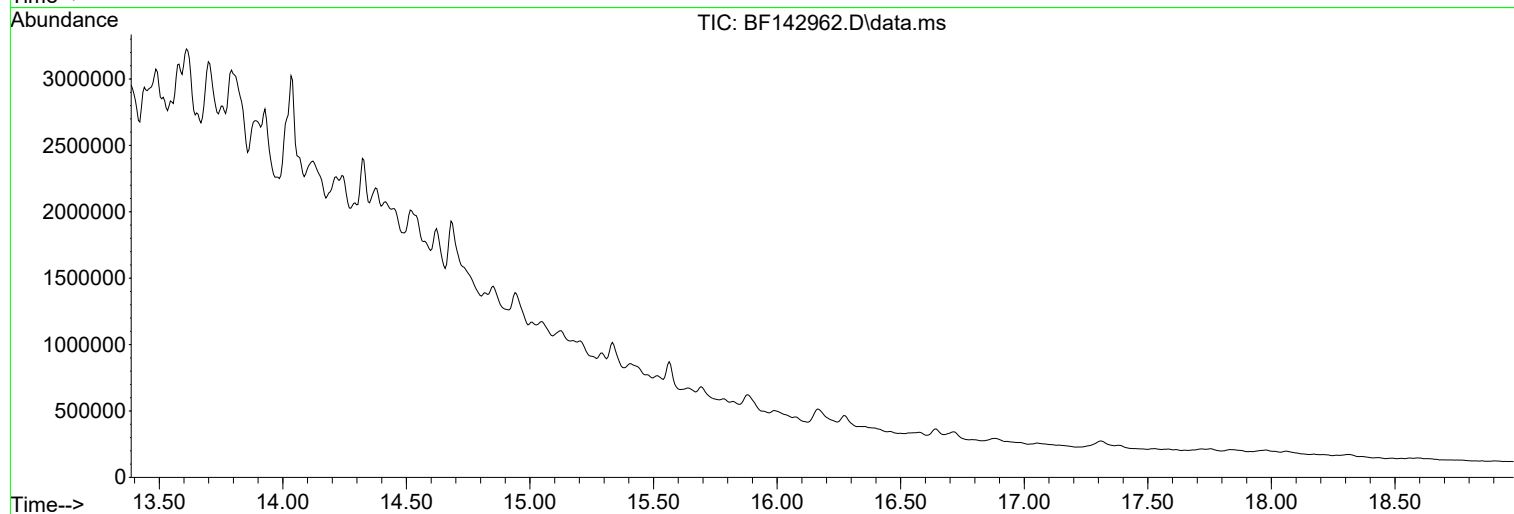
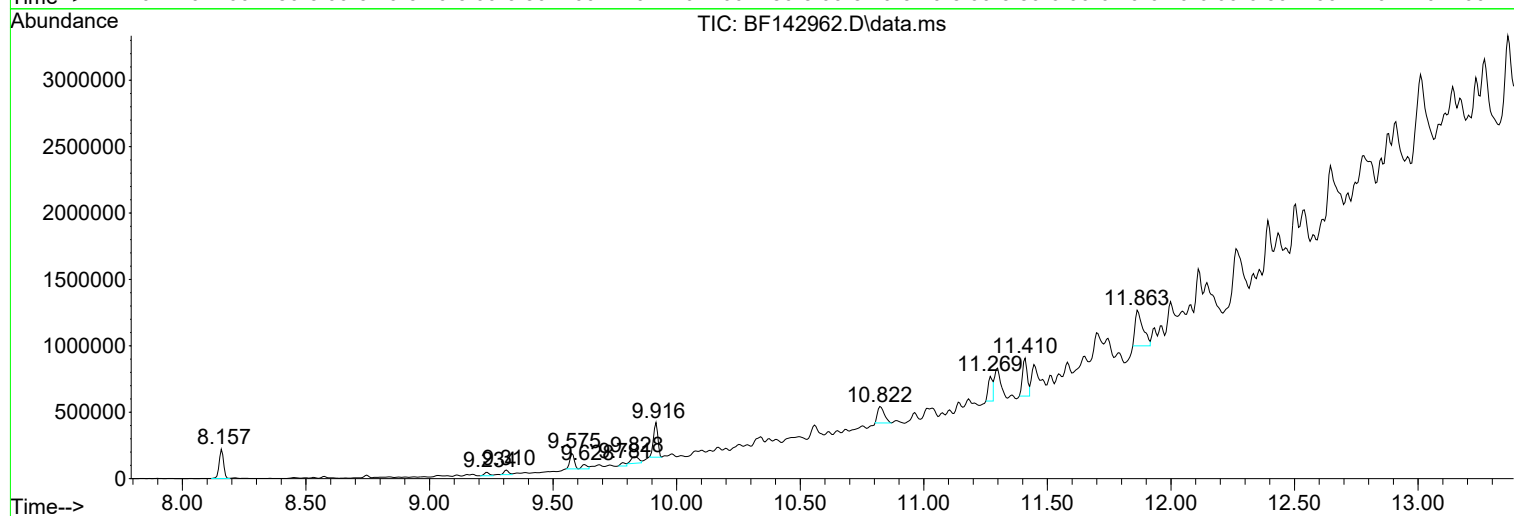
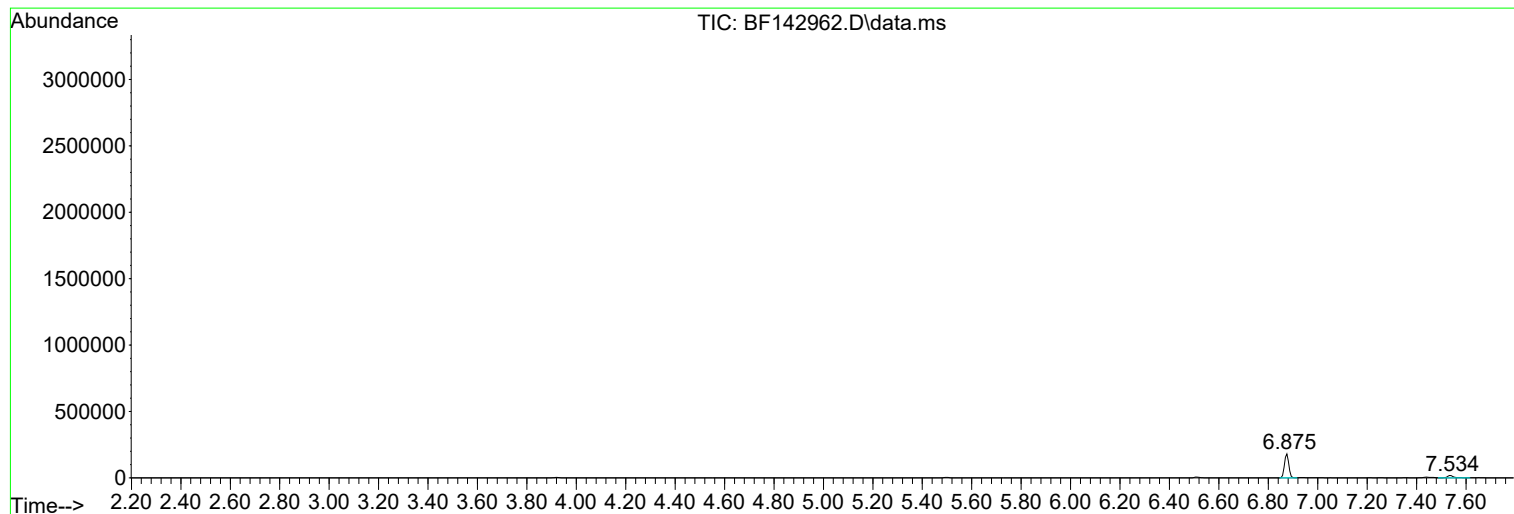
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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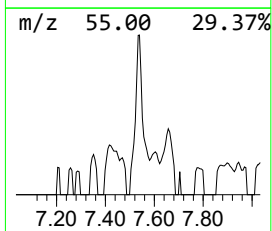
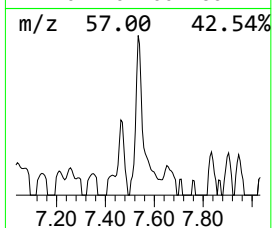
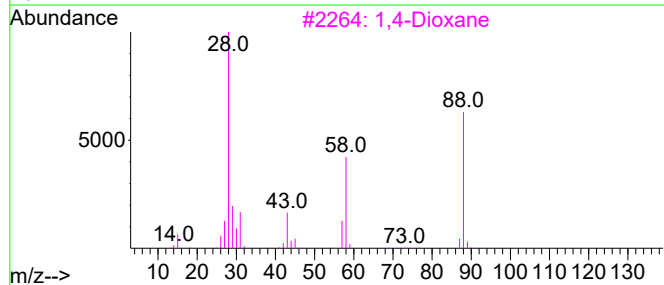
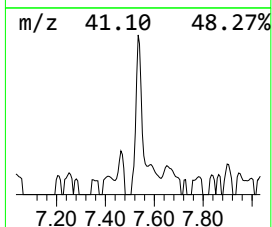
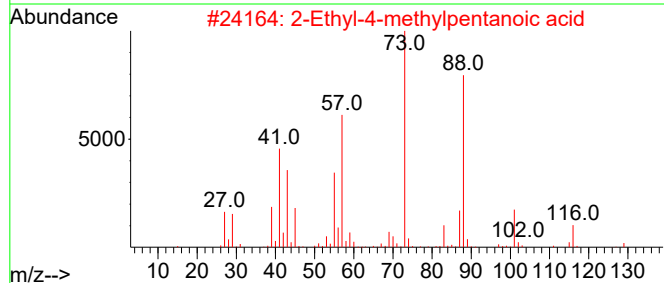
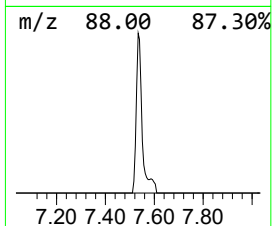
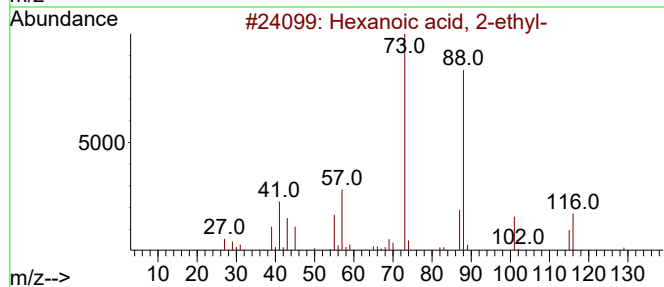
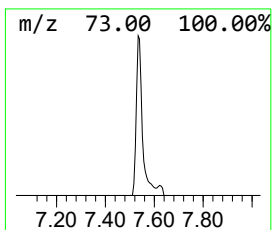
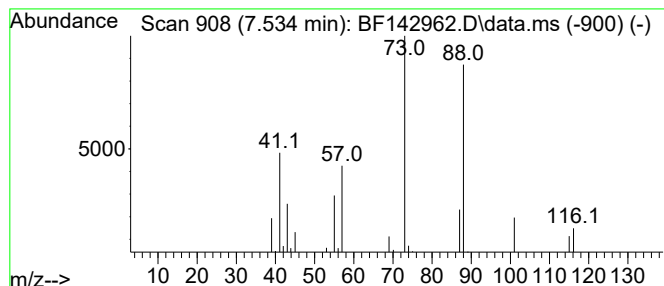
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	2.42 ng	33310	Naphthalene-d8	8.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2			2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	64
3			1,4-Dioxane	88	C4H8O2	000123-91-1	43
4			Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
5			Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42



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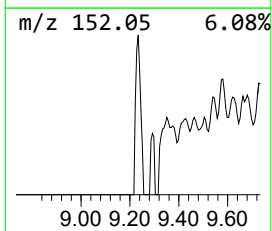
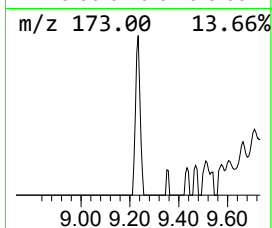
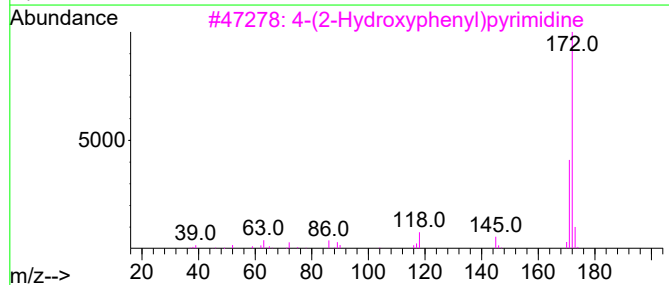
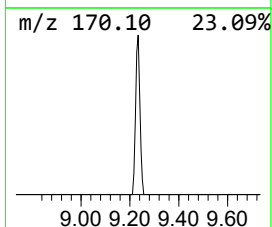
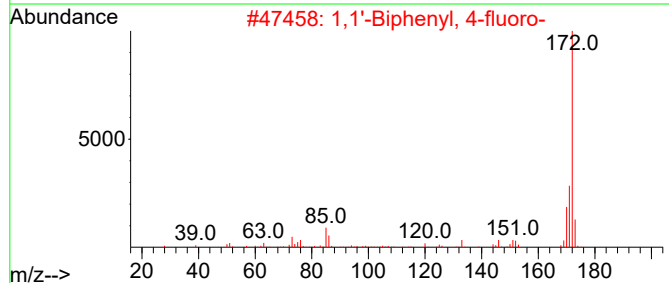
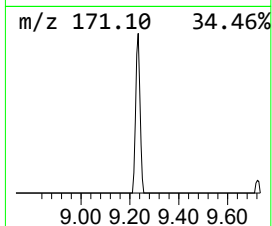
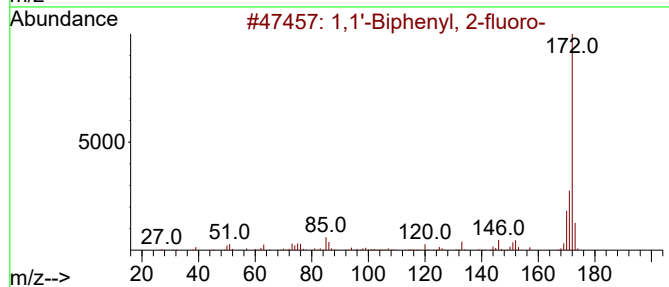
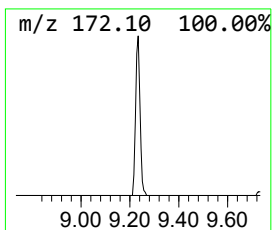
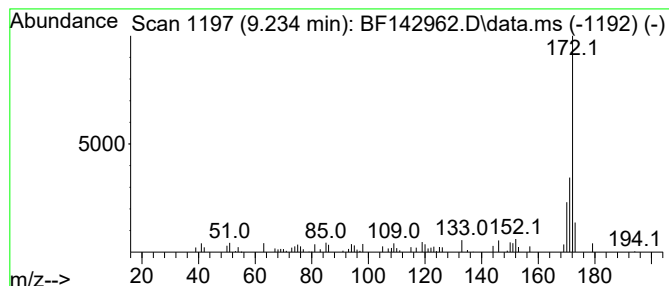
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2-fluoro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	2.50 ng	39596	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	90
2			1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	90
3			4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	53
4			2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	43
5			l-Valine, N-isobutoxycarbonyl-, ...	315	C17H33NO4	1000313-80-8	43



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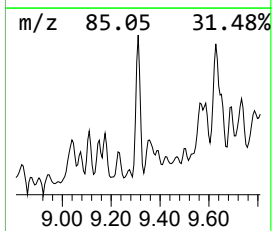
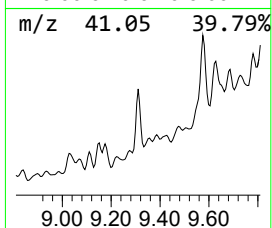
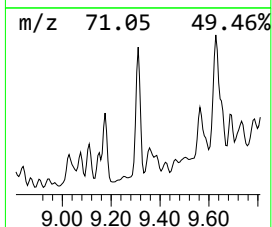
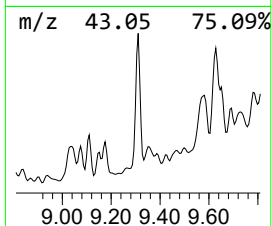
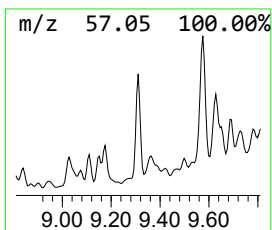
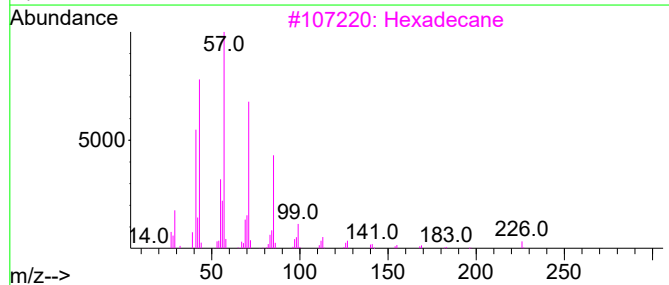
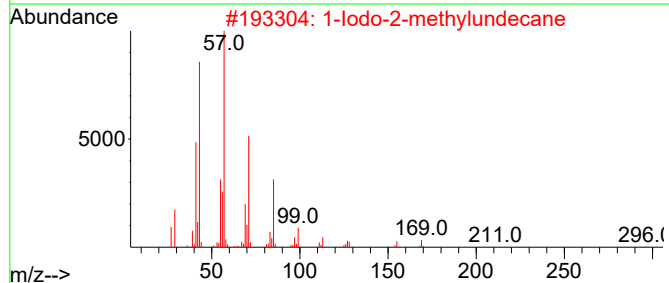
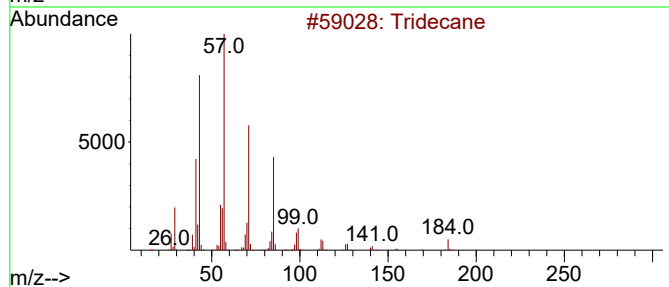
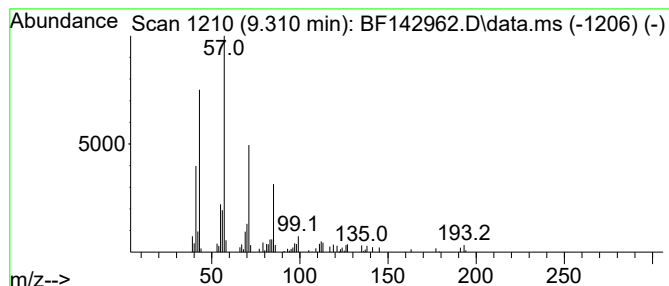
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	3.00 ng	47441	Acenaphthene-d10	9.916

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	86
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetradecane	198	C14H30	000629-59-4	80
5		Nonadecane	268	C19H40	000629-92-5	72



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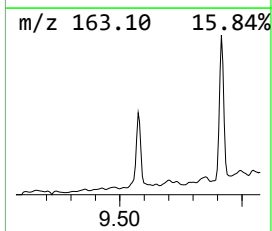
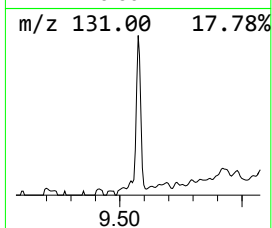
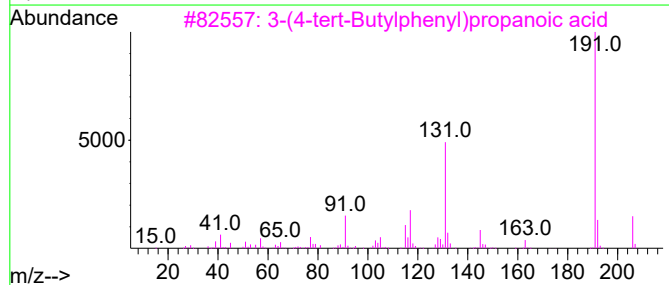
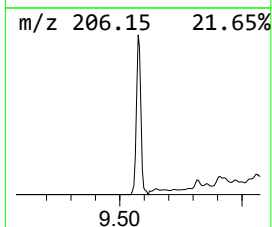
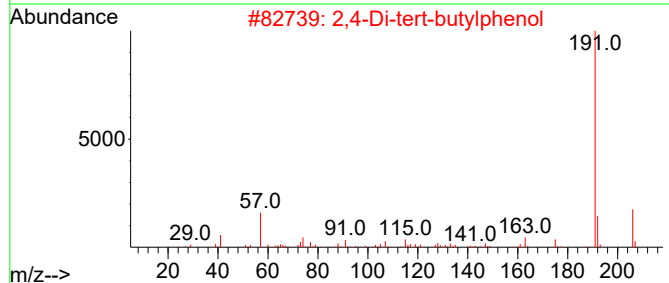
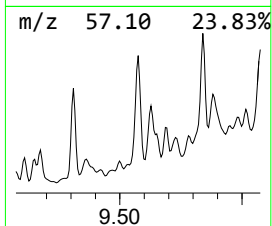
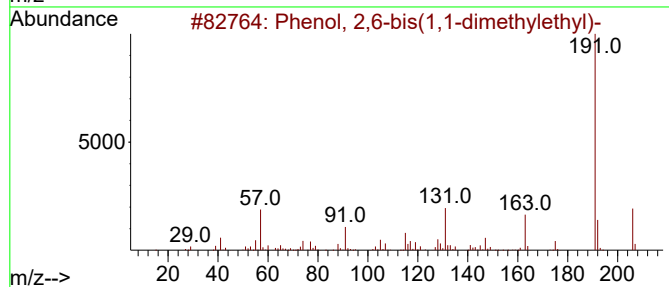
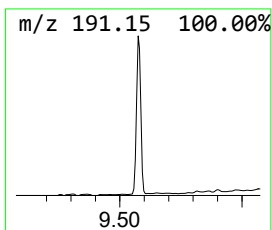
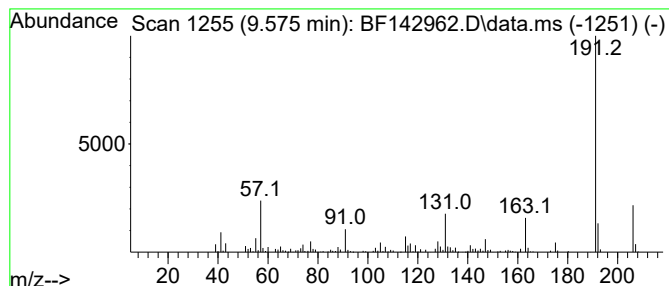
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.575	9.38 ng	148459	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	96
2	2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	87
3	3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	83
4	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	80
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	80



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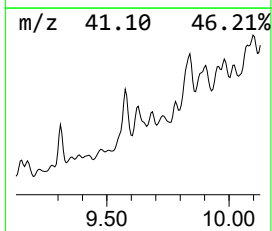
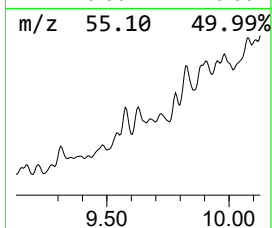
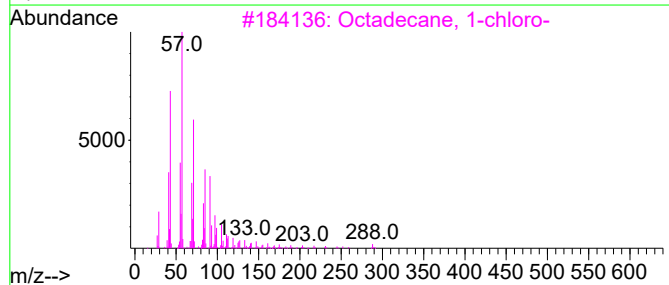
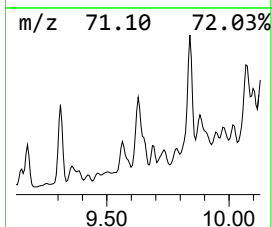
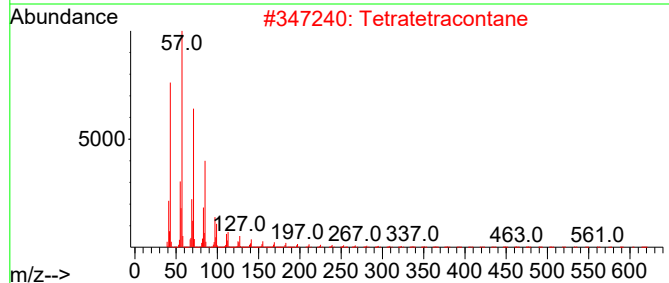
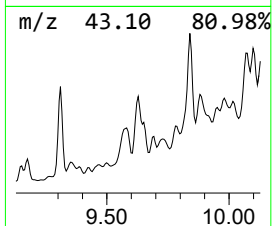
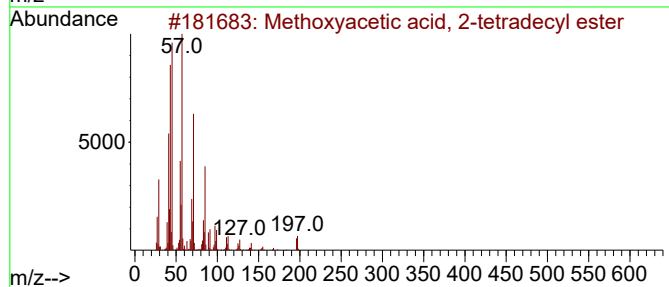
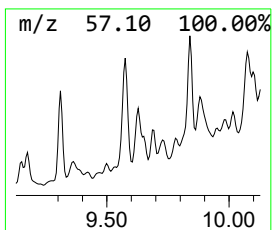
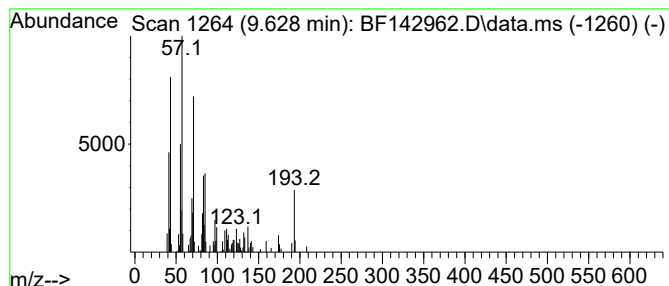
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.628 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.628	3.42 ng	54184	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	49
2	Tetratetracontane	619	C44H90	007098-22-8	49
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	49
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	49
5	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	49



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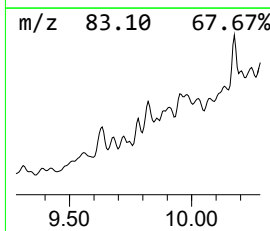
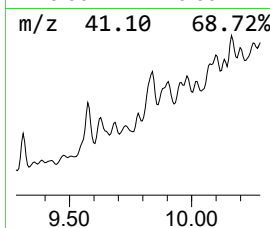
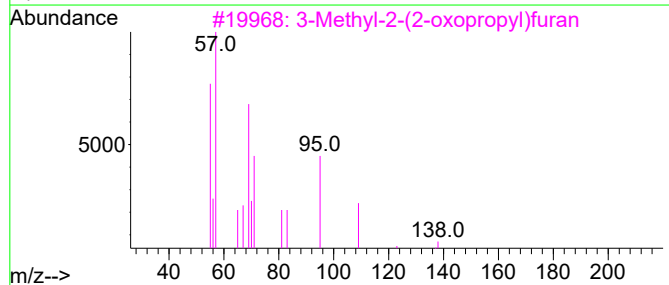
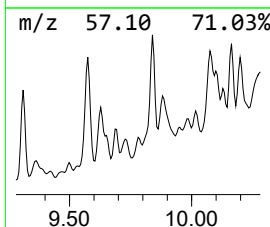
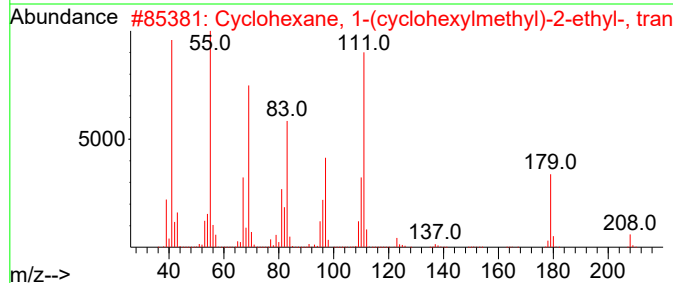
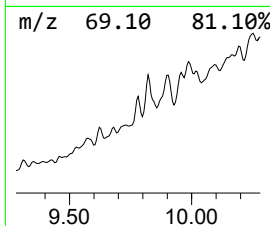
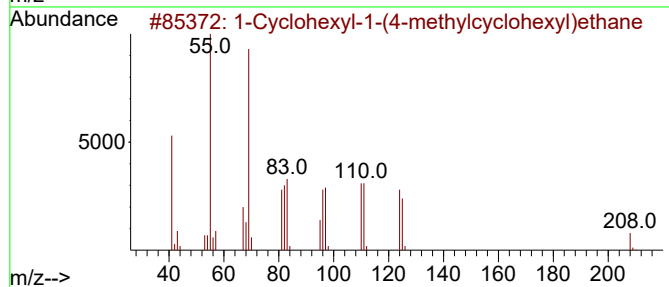
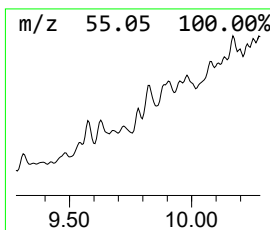
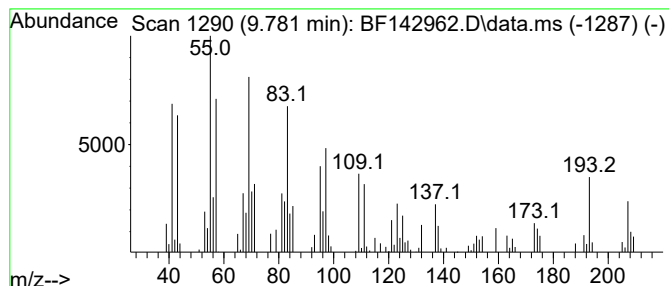
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.781 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	2.47 ng	39089	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Cyclohexyl-1-(4-methylcyclohexyl)ethane	208	C15H28	002027-12-5	46
2			Cyclohexane, 1-(cyclohexylmethyl)-2-ethyl-, trans	208	C15H28	054934-92-8	43
3			3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	43
4			1,7-Dimethyl-4-(1-methylethyl)cyclohexane	210	C15H30	000645-10-3	38
5			Bicyclo[3.1.1]heptan-3-one, 2,6-dimethyl-	152	C10H16O	015358-88-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142962.D
Acq On : 01 Jul 2025 21:35
Operator : RC/JU
Sample : Q2447-06 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

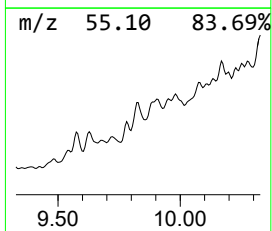
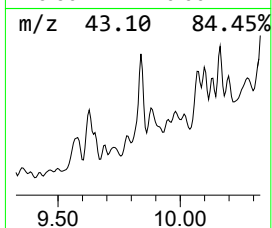
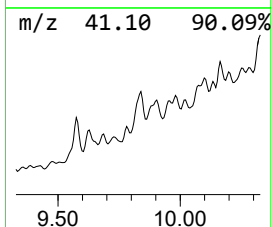
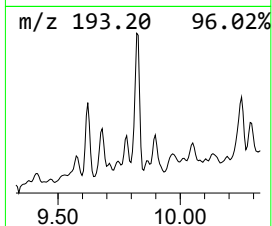
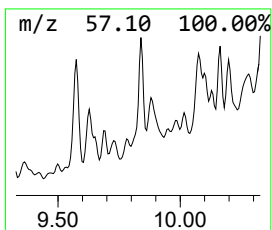
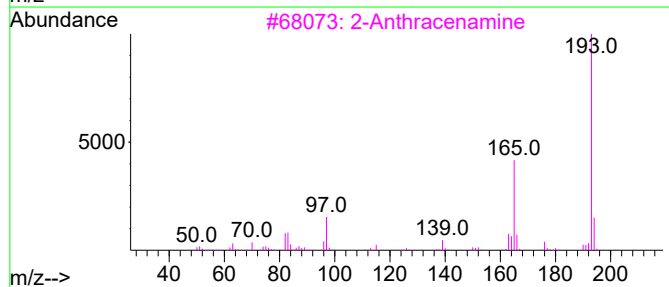
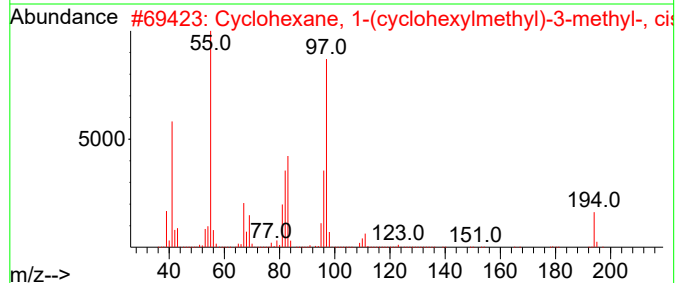
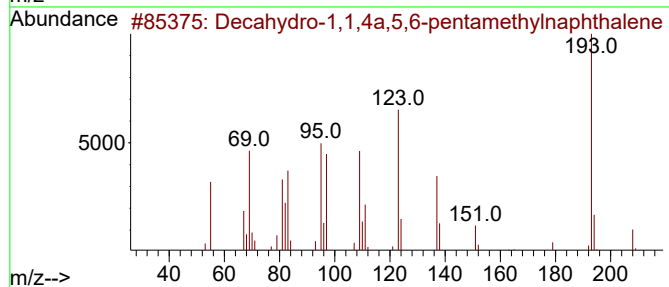
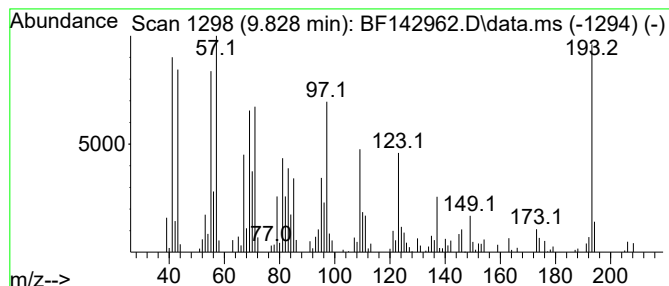
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.828	6.92 ng	109521	Acenaphthene-d10	9.916	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	64
2	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	35
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	25
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142962.D
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Sample : Q2447-06 20X
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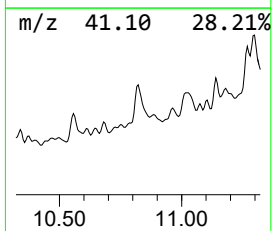
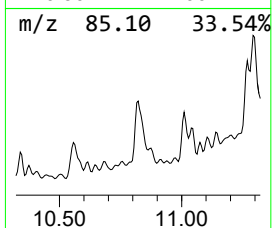
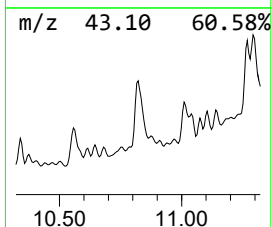
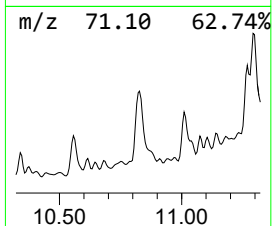
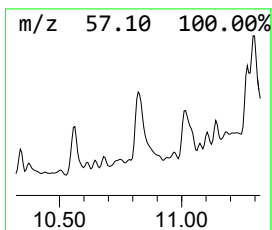
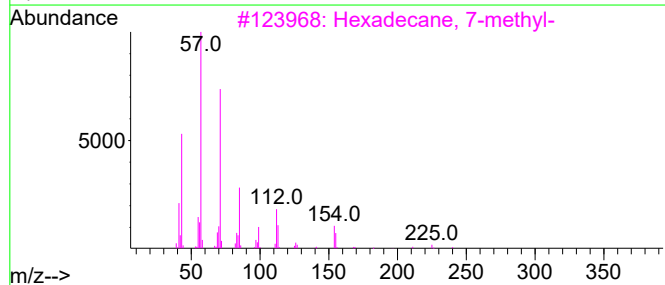
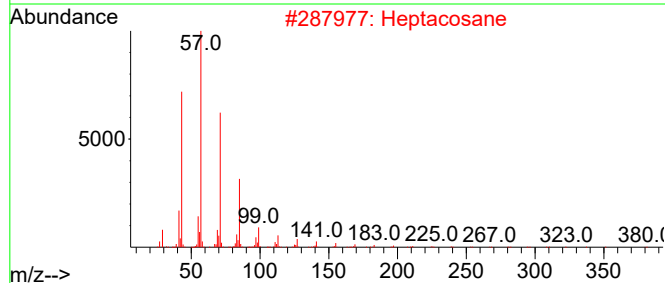
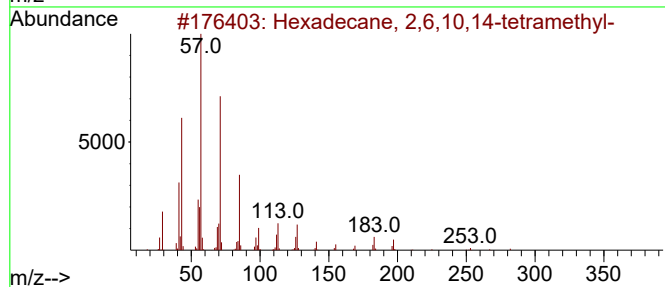
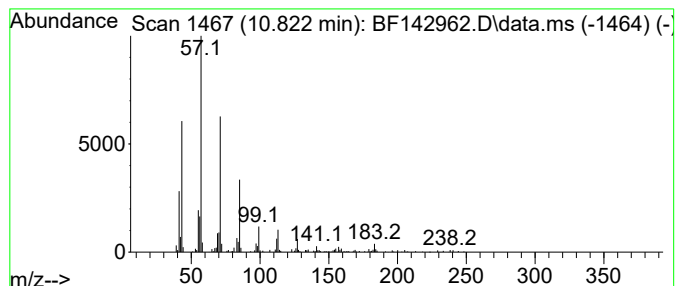
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.822	12.09 ng	234966	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142962.D
Acq On : 01 Jul 2025 21:35
Operator : RC/JU
Sample : Q2447-06 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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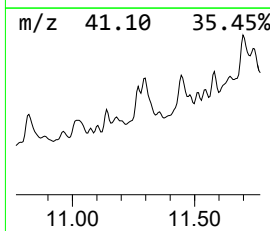
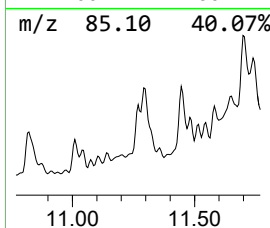
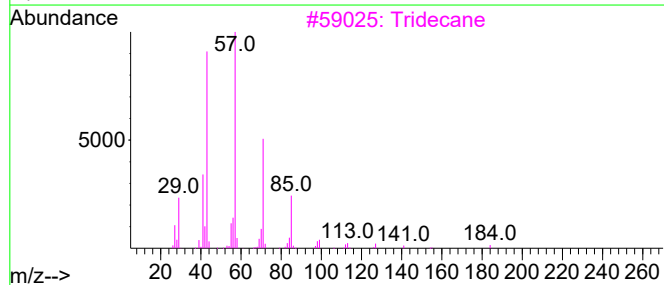
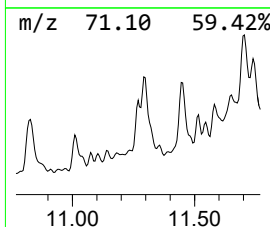
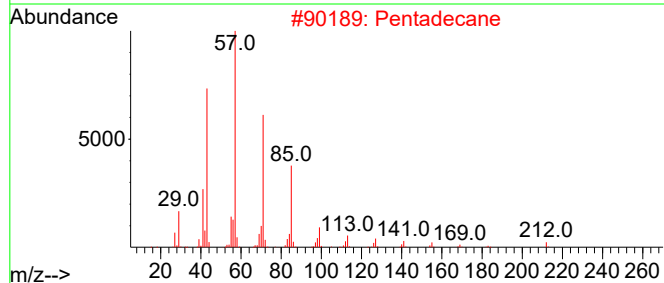
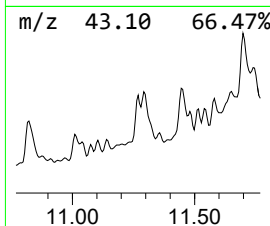
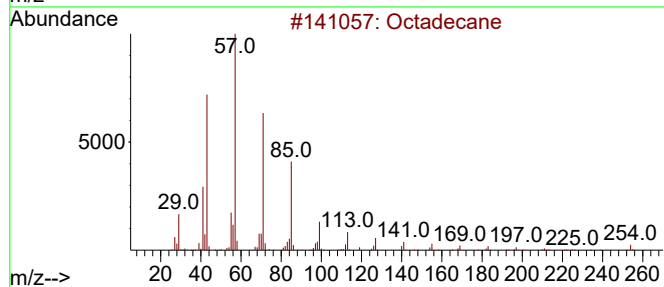
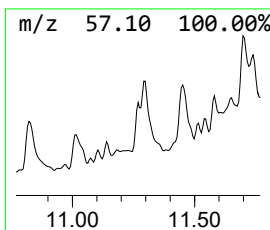
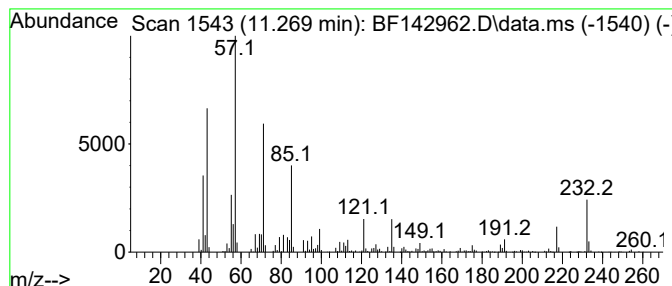
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	12.76 ng	248162	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Pentadecane	212	C15H32	000629-62-9	92
3			Tridecane	184	C13H28	000629-50-5	64
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5			Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142962.D
Acq On : 01 Jul 2025 21:35
Operator : RC/JU
Sample : Q2447-06 20X
Misc :
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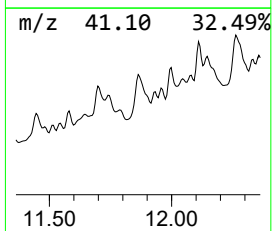
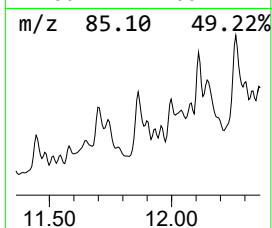
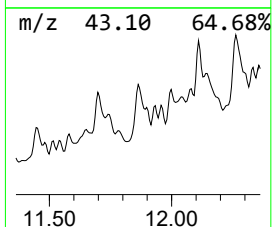
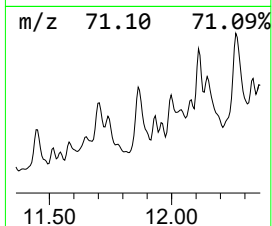
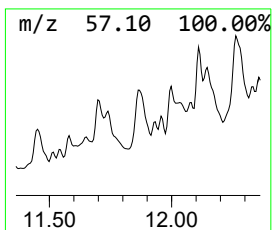
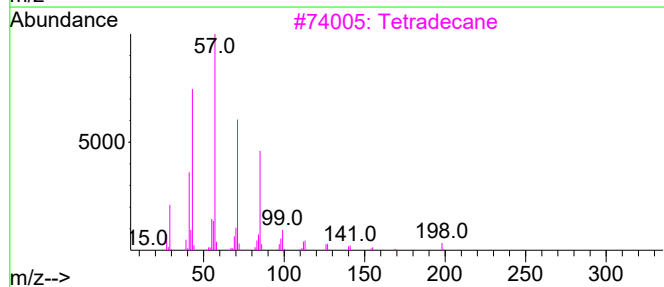
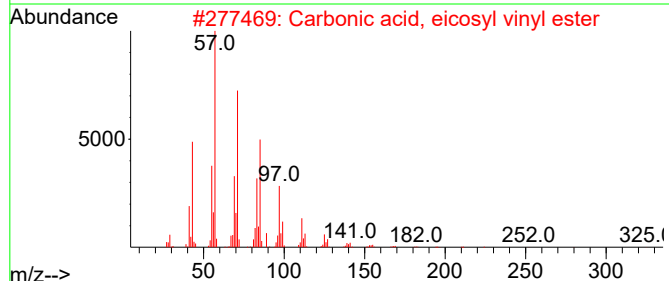
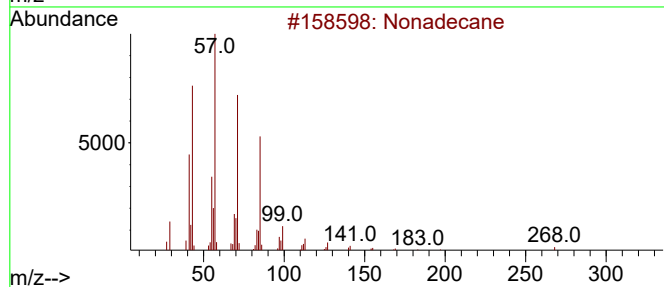
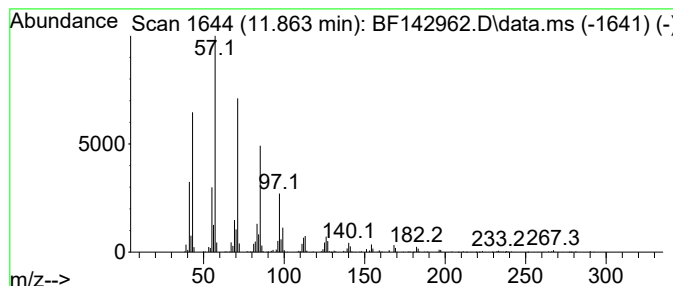
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.863	30.54 ng	593804	Phenanthrene-d10	11.410	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	74
3	Tetradecane	198	C14H30	000629-59-4	68
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	68
5	Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142962.D
Acq On : 01 Jul 2025 21:35
Operator : RC/JU
Sample : Q2447-06 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Hexanoic acid, ...	7.534	2.4	ng	33310	2	8.157	275084	20.0
1,1'-Biphenyl, ...	9.234	2.5	ng	39596	3	9.916	316427	20.0
Tridecane	9.310	3.0	ng	47441	3	9.916	316427	20.0
Phenol, 2,6-bis...	9.575	9.4	ng	148459	3	9.916	316427	20.0
unknown9.628	9.628	3.4	ng	54184	3	9.916	316427	20.0
unknown9.781	9.781	2.5	ng	39089	3	9.916	316427	20.0
Decahydro-1,1,4...	9.828	6.9	ng	109521	3	9.916	316427	20.0
Hexadecane, 2,6...	10.822	12.1	ng	234966	4	11.410	388824	20.0
Octadecane	11.269	12.8	ng	248162	4	11.410	388824	20.0
Nonadecane	11.863	30.5	ng	593804	4	11.410	388824	20.0