

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142770.D
 Acq On : 12 Jun 2025 21:25
 Operator : RC/JU
 Sample : Q2286-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0082-LAW-250083

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-BF061125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142770.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	558	563	576	rVB	37144	53826	1.68%	0.442%
2	6.516	728	735	751	rBV	33308	53455	1.67%	0.439%
3	6.892	794	799	806	rBV	187459	229557	7.16%	1.887%
4	8.175	1011	1017	1019	rBV	228845	312792	9.76%	2.571%
5	8.198	1019	1021	1025	rVB	219876	236930	7.39%	1.948%
6	8.892	1135	1139	1142	rVB	97912	111220	3.47%	0.914%
7	8.992	1152	1156	1160	rBV2	84669	137246	4.28%	1.128%
8	9.169	1183	1186	1188	rBV2	80054	90568	2.83%	0.744%
9	9.245	1196	1199	1204	rBV2	110732	150828	4.71%	1.240%
10	9.327	1209	1213	1218	rBV4	219760	385624	12.03%	3.170%
11	9.522	1243	1246	1250	rVB2	114018	147302	4.60%	1.211%
12	9.592	1255	1258	1260	rBV2	182861	223471	6.97%	1.837%
13	9.645	1263	1267	1271	rVV2	647711	872994	27.24%	7.176%
14	9.804	1290	1294	1297	rBV3	428572	640450	19.99%	5.265%
15	9.845	1298	1301	1305	rVB	752489	997264	31.12%	8.198%
16	9.922	1310	1314	1319	rVV5	505115	987797	30.83%	8.120%
17	9.974	1320	1323	1327	rBV4	226280	348903	10.89%	2.868%
18	10.263	1368	1372	1373	rBV3	470964	647647	20.21%	5.324%
19	10.351	1383	1387	1392	rBV4	916435	1312656	40.97%	10.790%
20	10.869	1470	1475	1481	rBV2	1793770	3204299	100.00%	26.339%
21	14.074	2017	2020	2041	rVB	311017	677267	21.14%	5.567%
22	14.833	2146	2149	2155	rVB3	81802	123432	3.85%	1.015%
23	15.568	2269	2274	2284	rVB	139479	219850	6.86%	1.807%

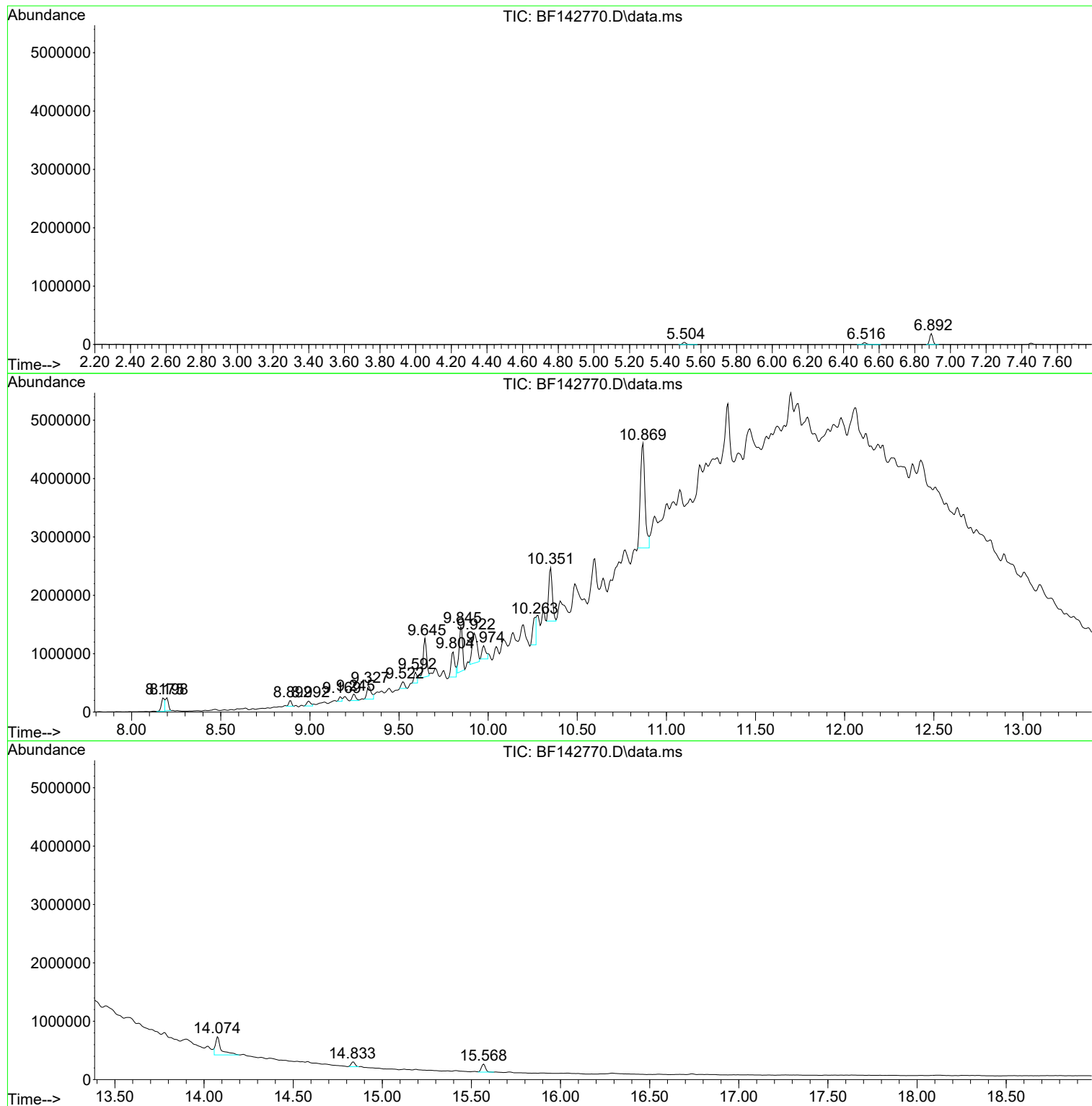
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LAW-25-0082-LAW-250083

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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Data File : BF142770.D
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Instrument :
BNA_F
ClientSampleId :
LAW-25-0082-LAW-250083

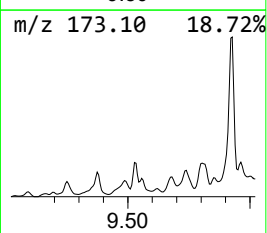
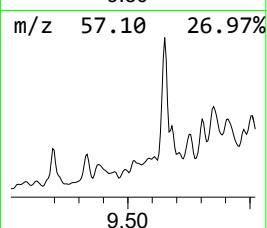
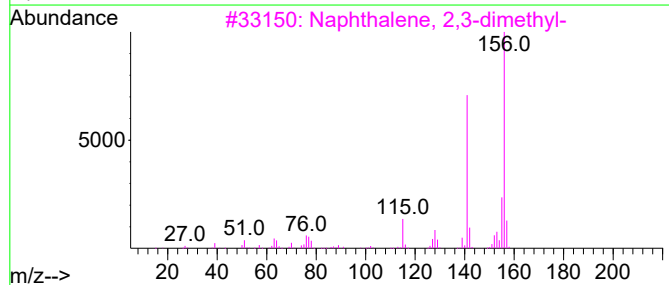
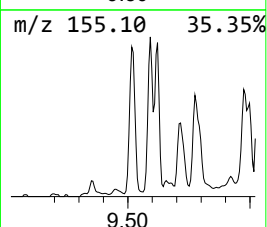
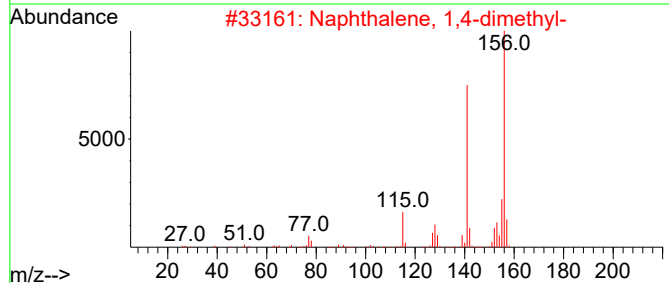
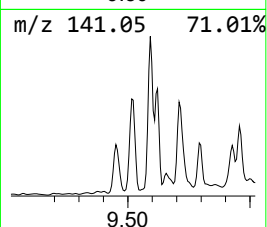
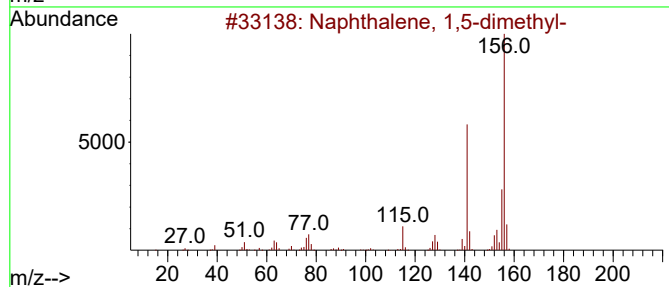
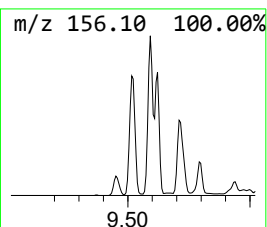
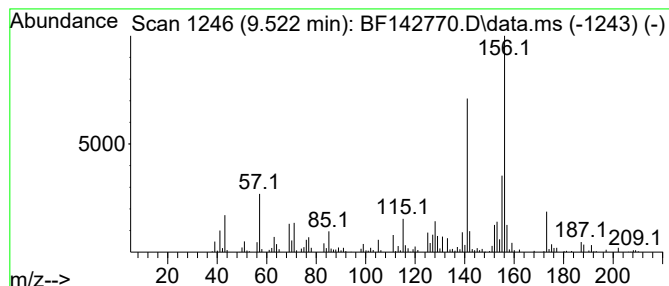
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 1,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	2.98 ng	147302	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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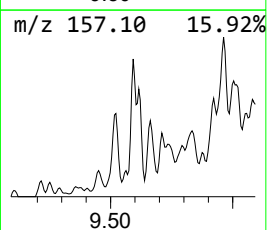
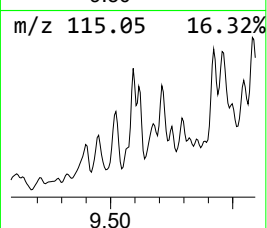
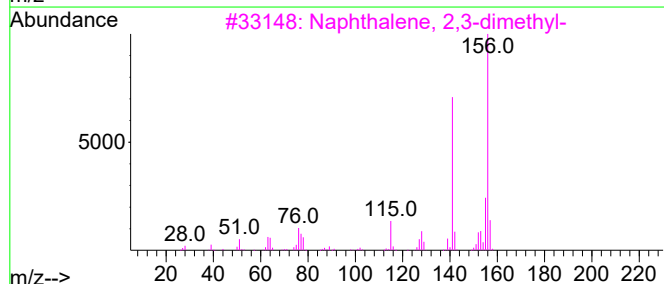
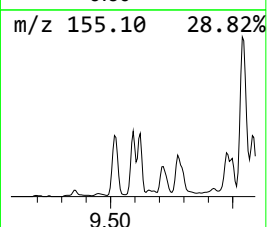
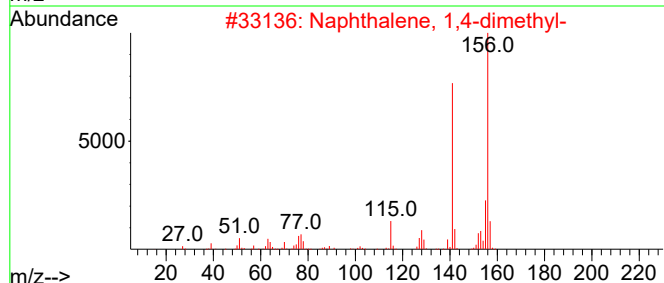
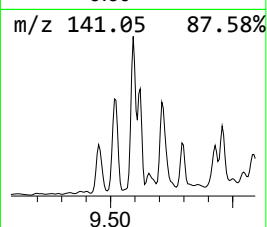
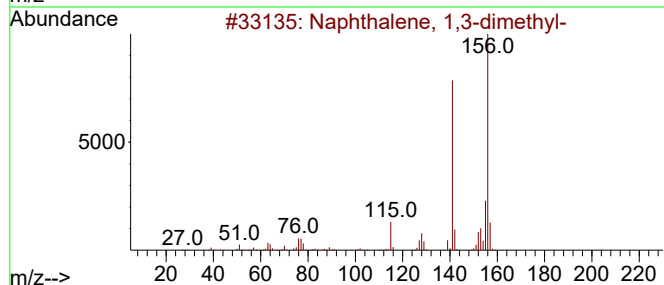
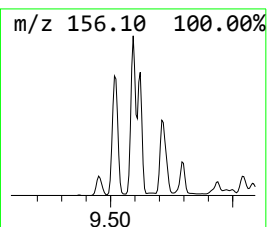
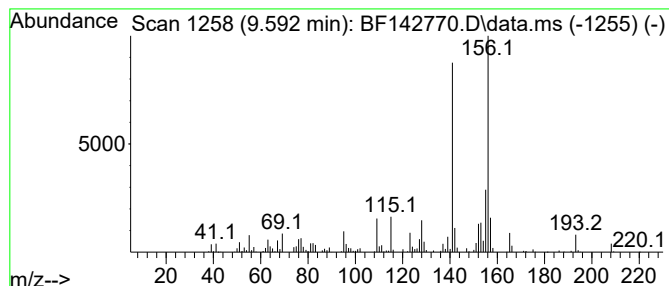
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	4.52 ng	223471	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95



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LAW-25-0082-LAW-250083

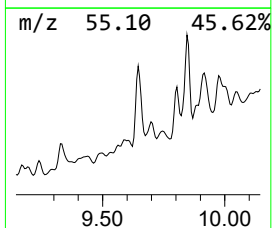
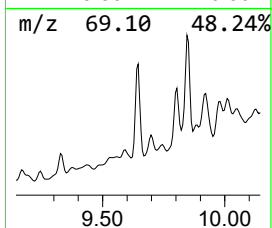
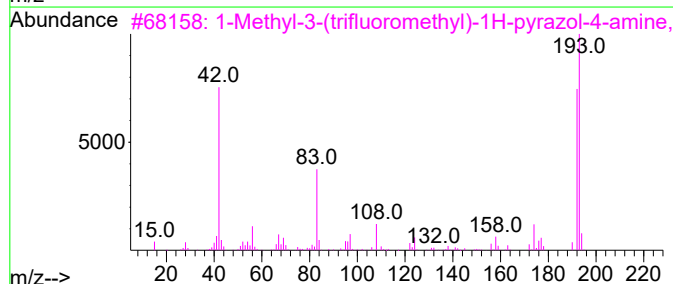
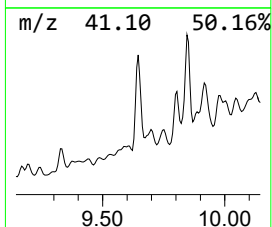
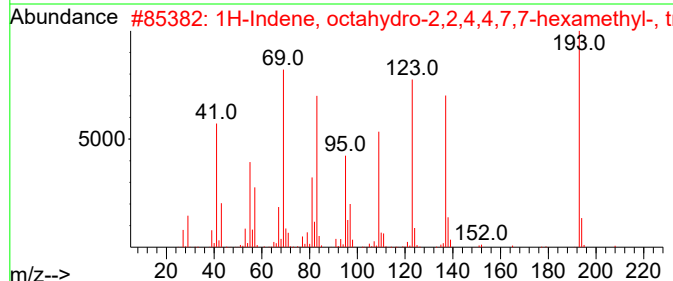
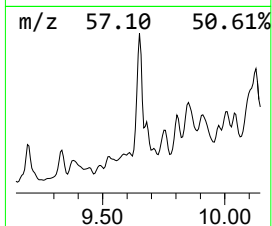
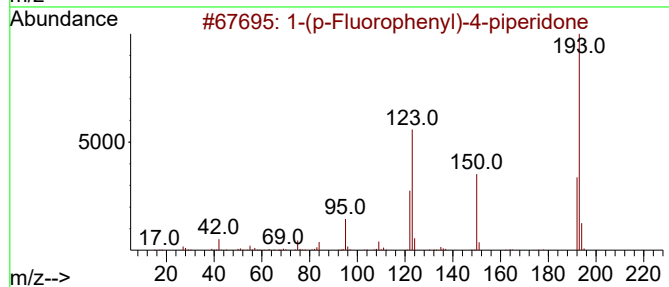
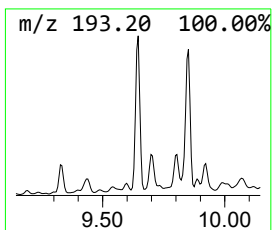
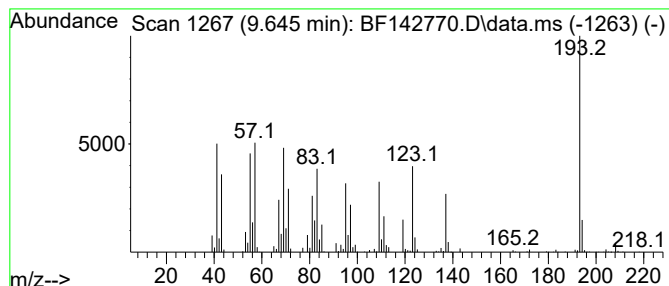
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown9.645 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	17.68 ng	872994	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43		
2	1H-Indene, octahydro-2,2,4,7,7...	208	C15H28	054832-83-6	40		
3	1-Methyl-3-(trifluoromethyl)-1H...	193	C7H10F3N3	1000511-73-1	38		
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38		
5	Butan-2-one, 1-[3-(3,3-dimethyl...	278	C16H26N2O2	1000303-34-2	27		



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ALS Vial : 24 Sample Multiplier: 1

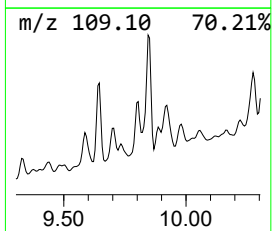
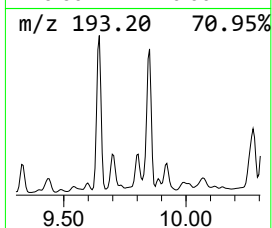
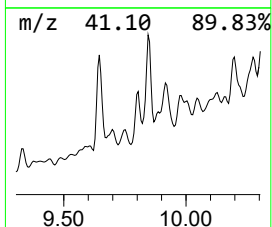
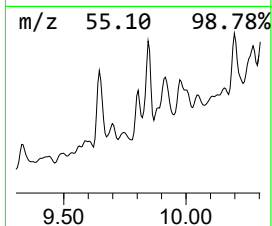
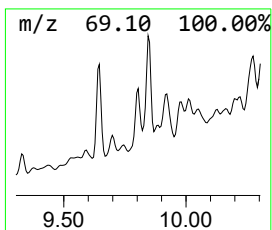
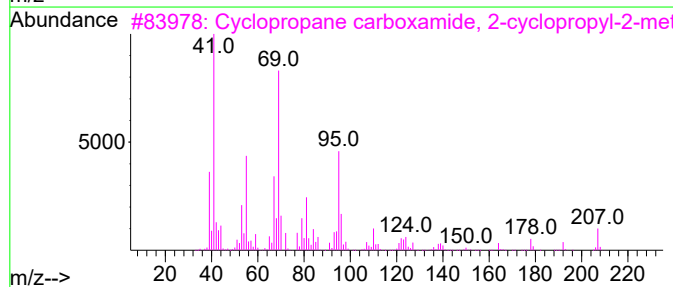
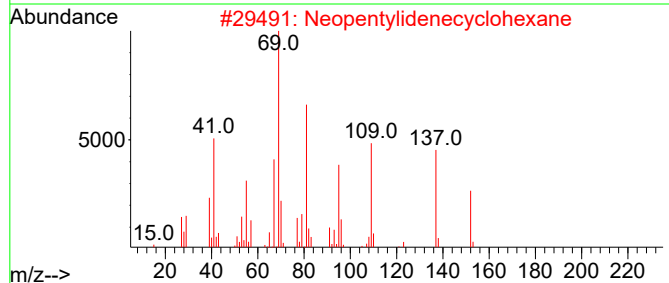
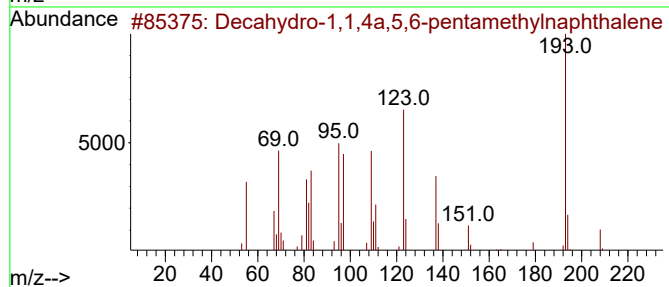
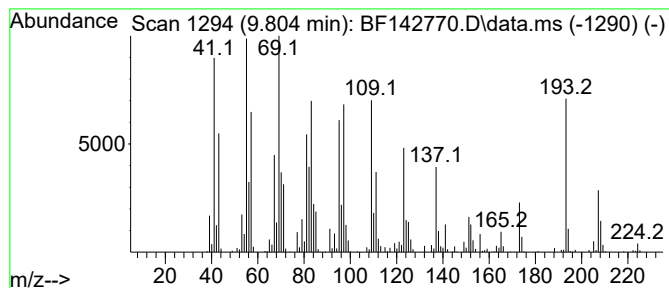
Instrument :
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ClientSampleId :
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Peak Number 4 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.804	12.97 ng	640450	Acenaphthene-d10	9.939	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	70
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	46
3	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	38
4	Naphthalene, decahydro-1,4a-dime...	208	C15H28	030824-81-8	38
5	2,4,5,5,8a-Pentamethyl-4a,5,6,7,...	208	C14H24O	1010195-30-1	30



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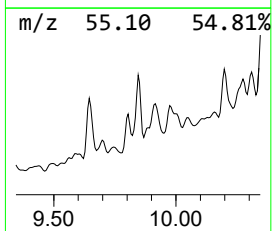
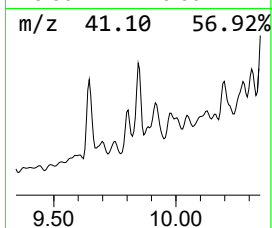
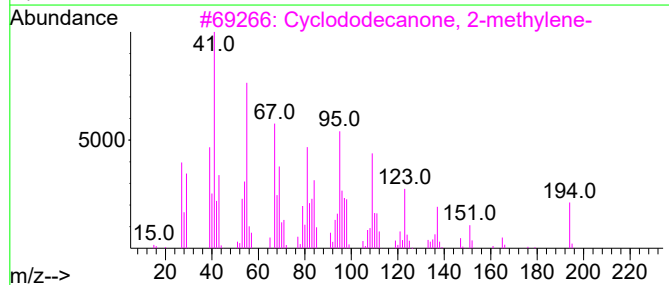
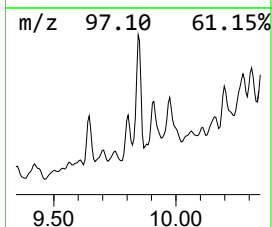
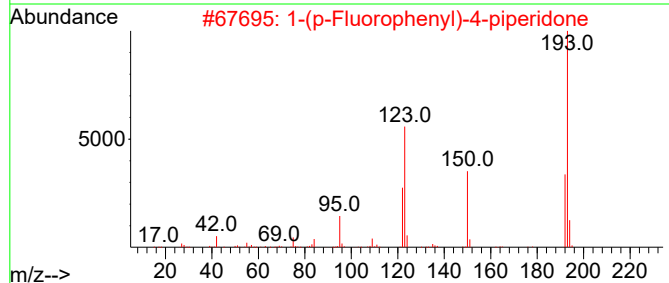
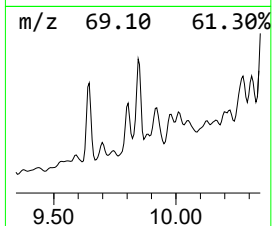
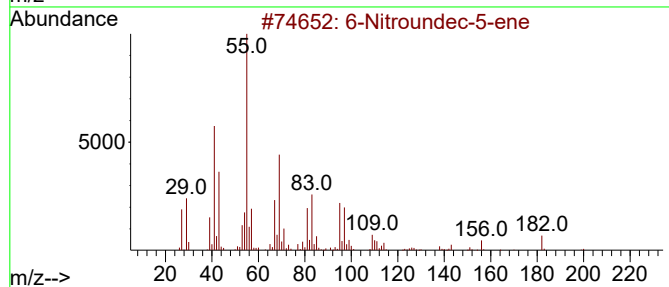
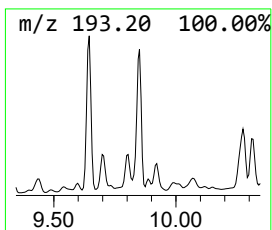
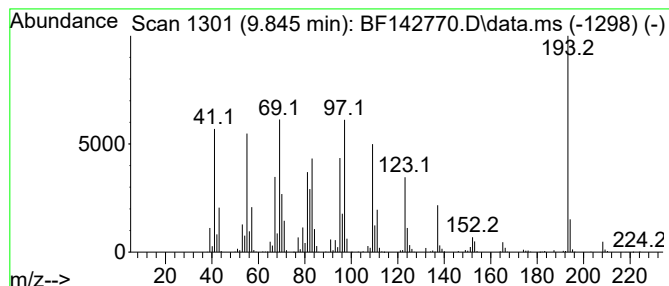
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Peak Number 5 unknown9.845 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	20.19 ng	997264	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	35
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3			Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
4			2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	14
5			Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	14



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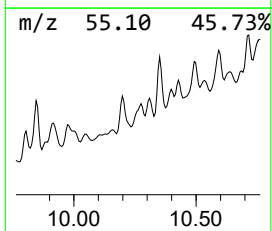
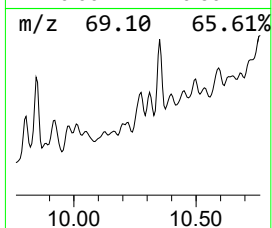
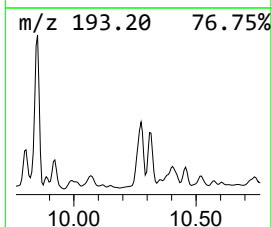
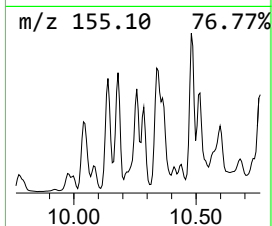
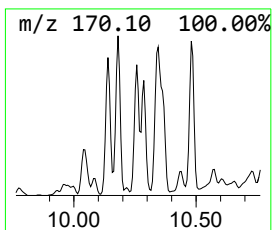
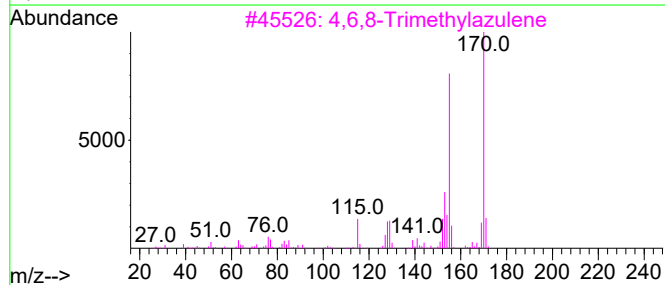
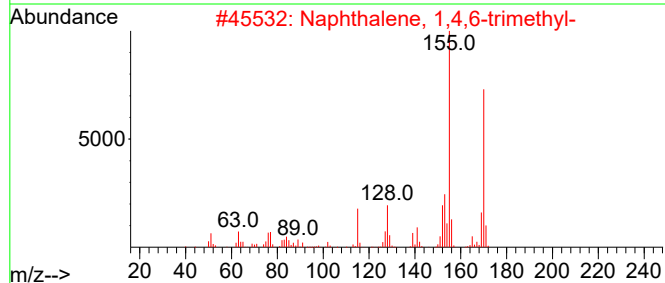
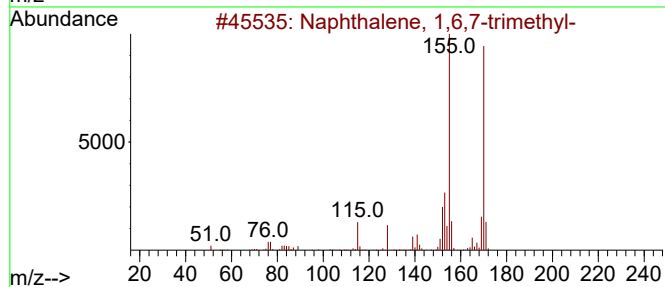
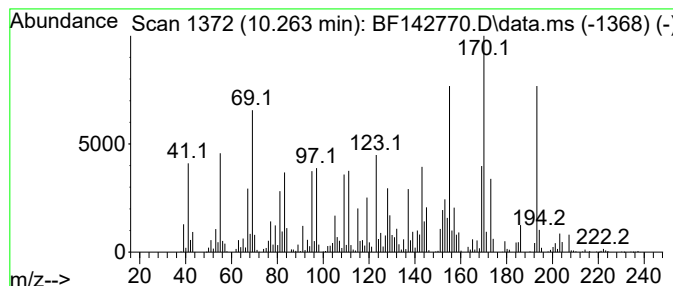
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	13.11 ng	647647	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	74
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	42
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
5			3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142770.D
Acq On : 12 Jun 2025 21:25
Operator : RC/JU
Sample : Q2286-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0082-LAW-250083

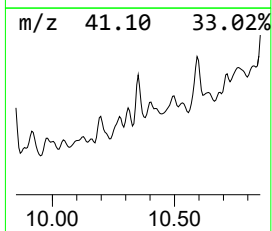
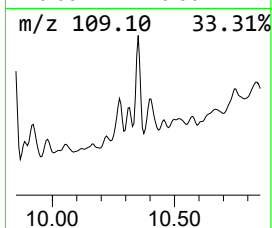
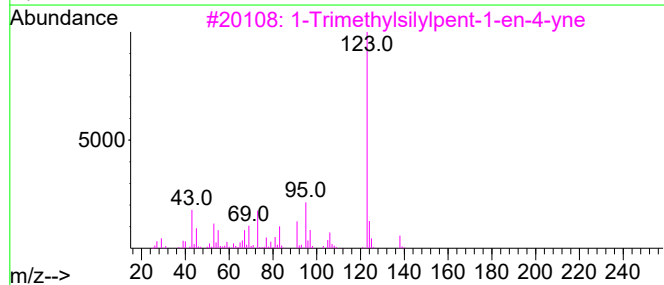
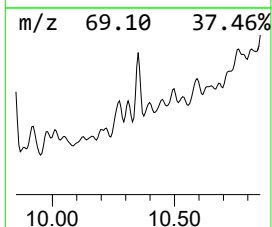
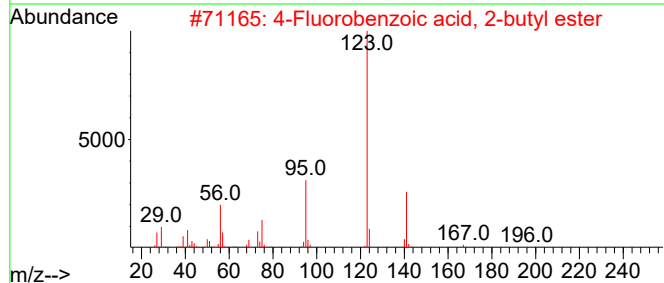
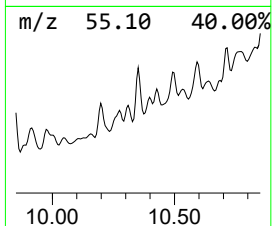
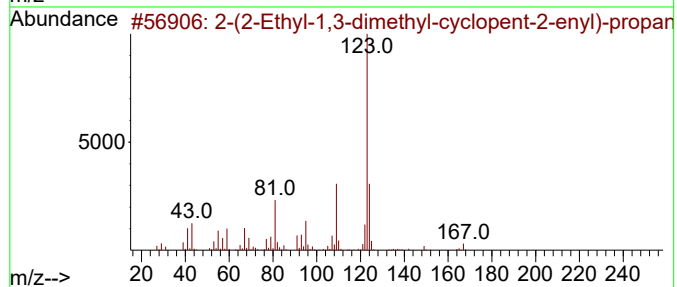
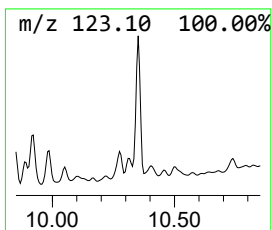
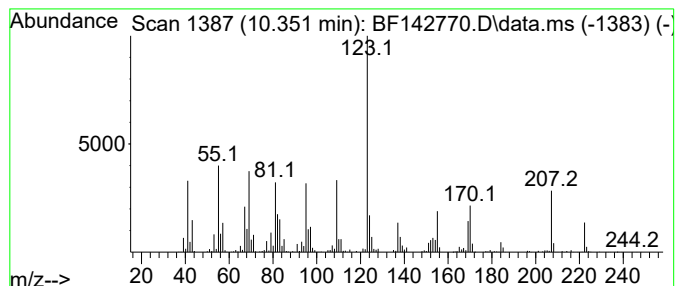
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown10.351 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	26.58 ng	1312660	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Ethyl-1,3-dimethyl-cyclopent-2-enyl)-propanoic acid	182	C12H22O	1000186-82-4	43		
2	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13F02	090172-12-6	43		
3	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43		
4	4-Fluorobenzoic acid, 3-methylbutyl ester	208	C12H13F02	1000299-15-1	43		
5	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142770.D
Acq On : 12 Jun 2025 21:25
Operator : RC/JU
Sample : Q2286-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

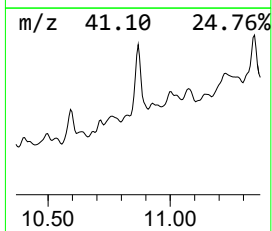
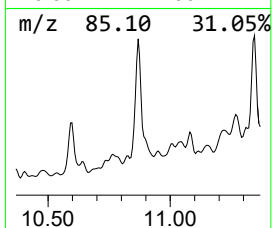
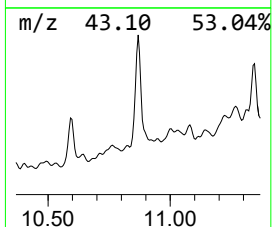
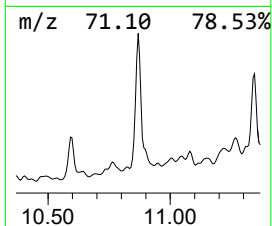
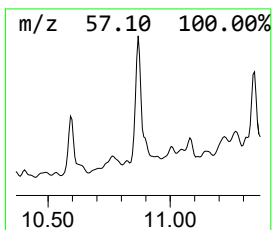
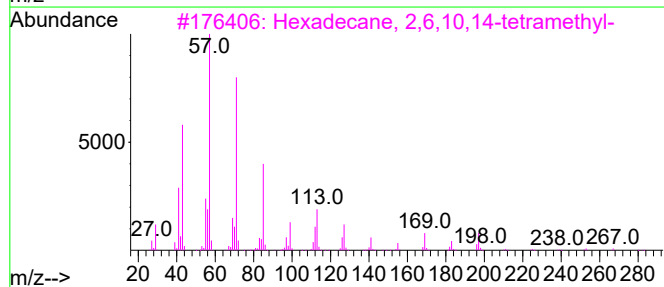
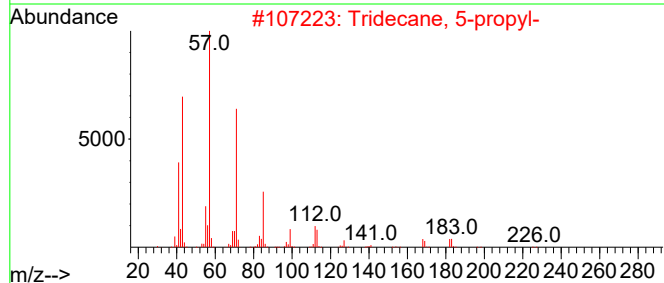
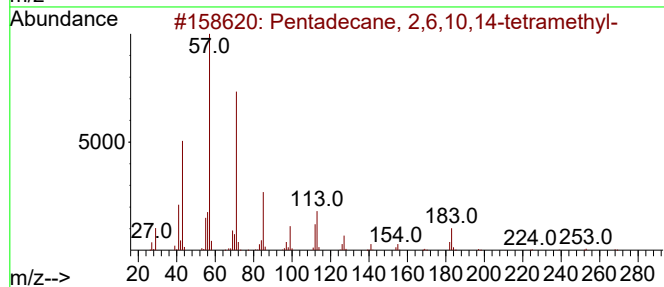
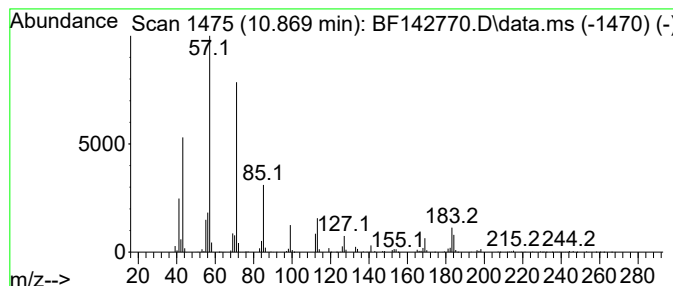
Instrument :
BNA_F
ClientSampleId :
LAW-25-0082-LAW-250083

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.868	20.00 ng	3204300	Phenanthrene-d10	11.445	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142770.D
Acq On : 12 Jun 2025 21:25
Operator : RC/JU
Sample : Q2286-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

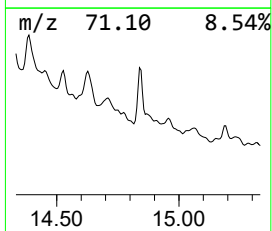
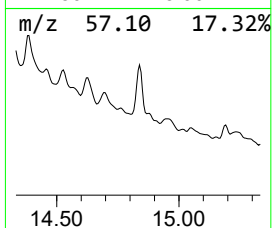
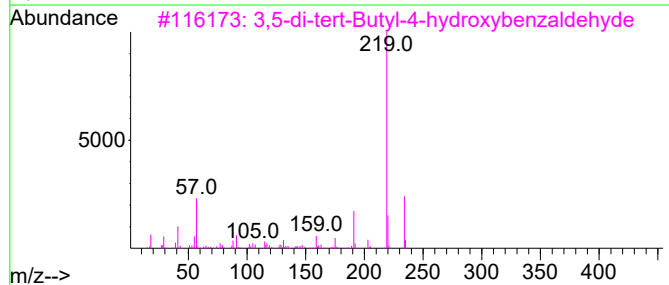
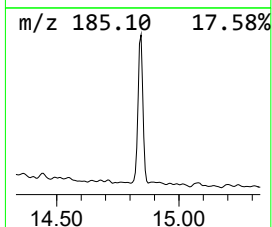
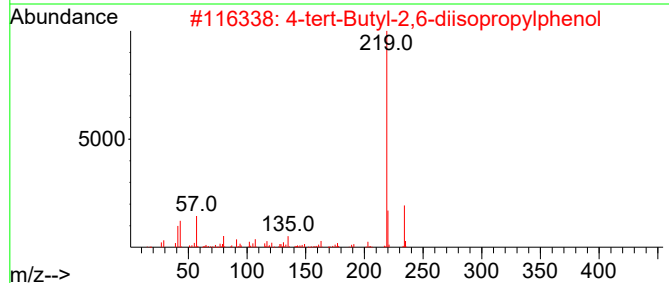
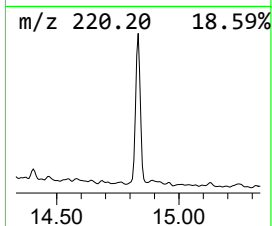
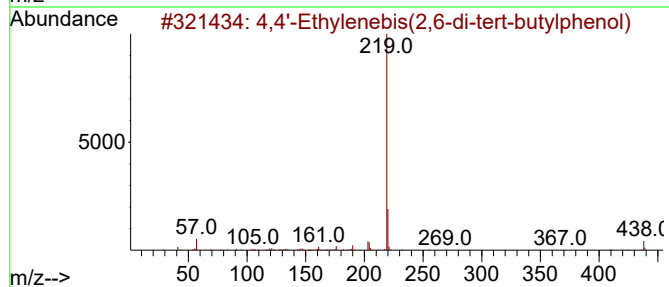
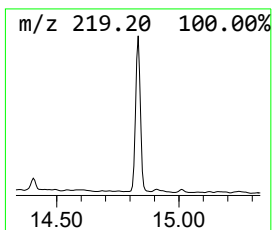
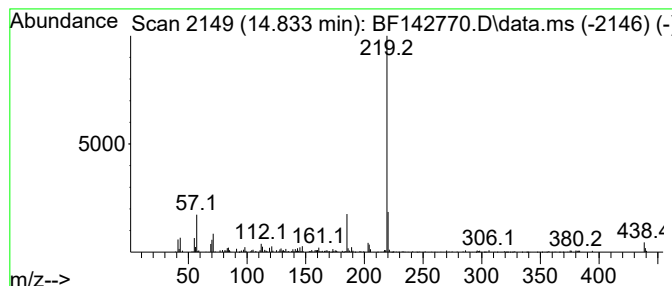
Instrument :
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ClientSampleId :
LAW-25-0082-LAW-250083

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4,4'-Ethylenebis(2,6-di-ter... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.833	11.23 ng	123432	Perylene-d12		15.568	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4,4'-Ethylenebis(2,6-di-tert-but...		438	C30H46O2	001516-94-5	91
2	4-tert-Butyl-2,6-diisopropylphenol		234	C16H26O	057354-65-1	59
3	3,5-di-tert-Butyl-4-hydroxybenza...		234	C15H22O2	001620-98-0	59
4	5,8-Methano-1H-[1,2,4]triazolo[1...		395	C25H21N3O2	1000142-91-6	50
5	Phenol, 2,6-bis(1,1-dimethylethy...		234	C16H26O	004130-42-1	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142770.D
Acq On : 12 Jun 2025 21:25
Operator : RC/JU
Sample : Q2286-01 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0082-LAW-250083

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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
Naphthalene, 1,...	9.522	3.0	ng	147302	3	9.939	987797	20.0
Naphthalene, 1,...	9.592	4.5	ng	223471	3	9.939	987797	20.0
unknown9.645	9.645	17.7	ng	872994	3	9.939	987797	20.0
Decahydro-1,1,4...	9.804	13.0	ng	640450	3	9.939	987797	20.0
unknown9.845	9.845	20.2	ng	997264	3	9.939	987797	20.0
Naphthalene, 1,...	10.263	13.1	ng	647647	3	9.939	987797	20.0
unknown10.351	10.351	26.6	ng	1312660	3	9.939	987797	20.0
Pentadecane, 2,...	10.868	20.0	ng	3204300	4	11.445	3204300	20.0
4,4'-Ethylenebi...	14.833	11.2	ng	123432	6	15.568	219850	20.0