

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142490.D
 Acq On : 21 May 2025 16:32
 Operator : RC/JU
 Sample : Q2068-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0075

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142490.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.499	557	562	571	rVB	47807	63902	3.25%	0.772%
2	6.510	729	734	741	rBV	56892	72625	3.69%	0.878%
3	6.898	795	800	806	rBV	268720	333764	16.95%	4.034%
4	8.181	1011	1018	1023	rBV	361040	454804	23.10%	5.497%
5	9.181	1185	1188	1189	rBV3	49232	58861	2.99%	0.711%
6	9.204	1189	1192	1196	rVB2	93692	117268	5.96%	1.417%
7	9.251	1197	1200	1204	rBV2	125179	173724	8.82%	2.100%
8	9.357	1211	1218	1223	rBV	1291249	1969220	100.00%	23.799%
9	9.657	1265	1269	1272	rBV3	351668	577339	29.32%	6.978%
10	9.810	1292	1295	1298	rBV3	235584	359788	18.27%	4.348%
11	9.851	1299	1302	1306	rVV2	370165	526731	26.75%	6.366%
12	9.939	1311	1317	1321	rVV2	926510	1831407	93.00%	22.134%
13	10.357	1385	1388	1393	rBV2	428402	654039	33.21%	7.905%
14	15.563	2269	2273	2283	rVB	246421	412250	20.93%	4.982%
15	16.227	2381	2386	2392	rBV	61286	124205	6.31%	1.501%
16	16.298	2393	2398	2412	rVB2	100907	259062	13.16%	3.131%
17	16.745	2469	2474	2482	rVB	140092	285229	14.48%	3.447%

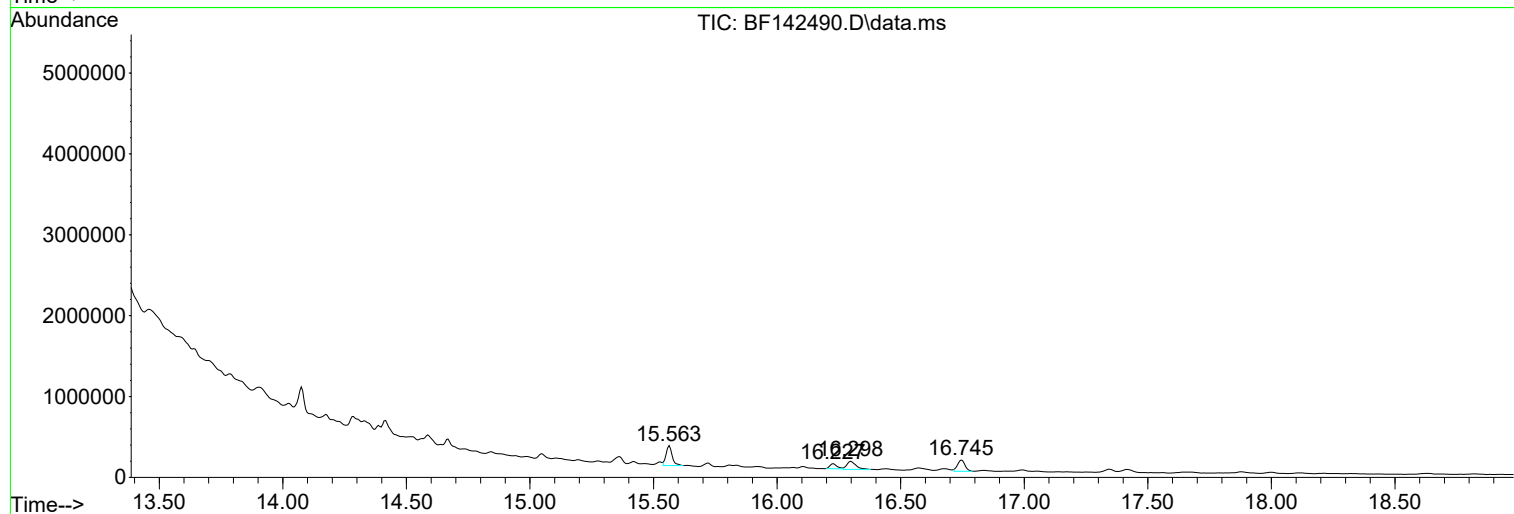
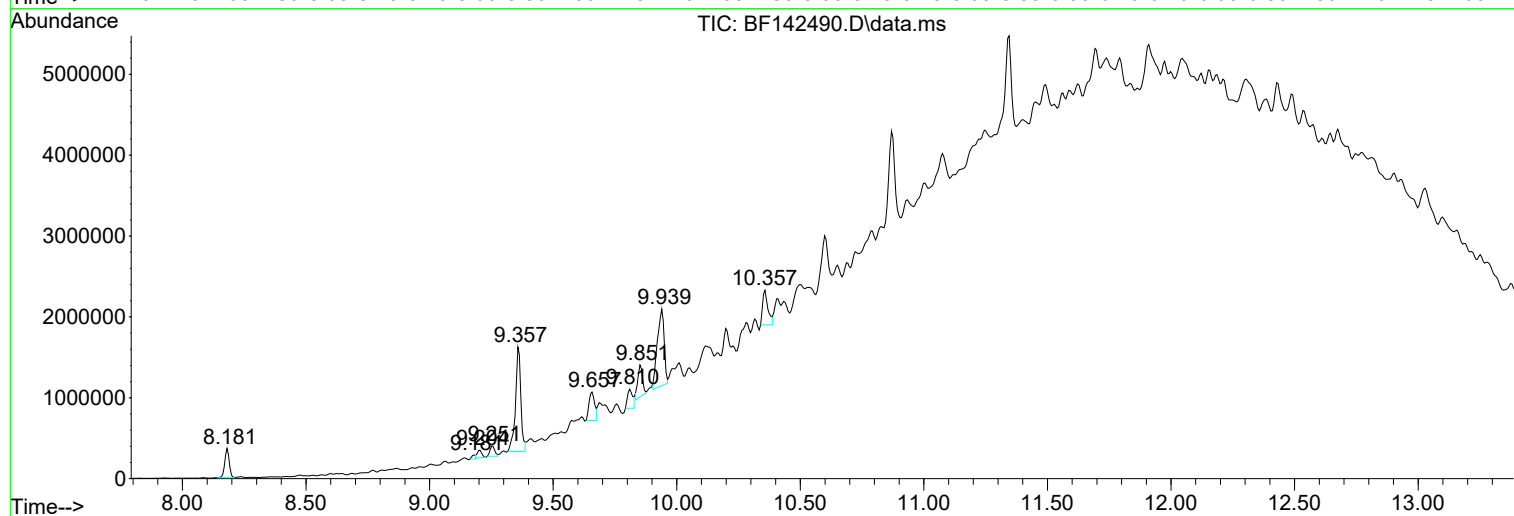
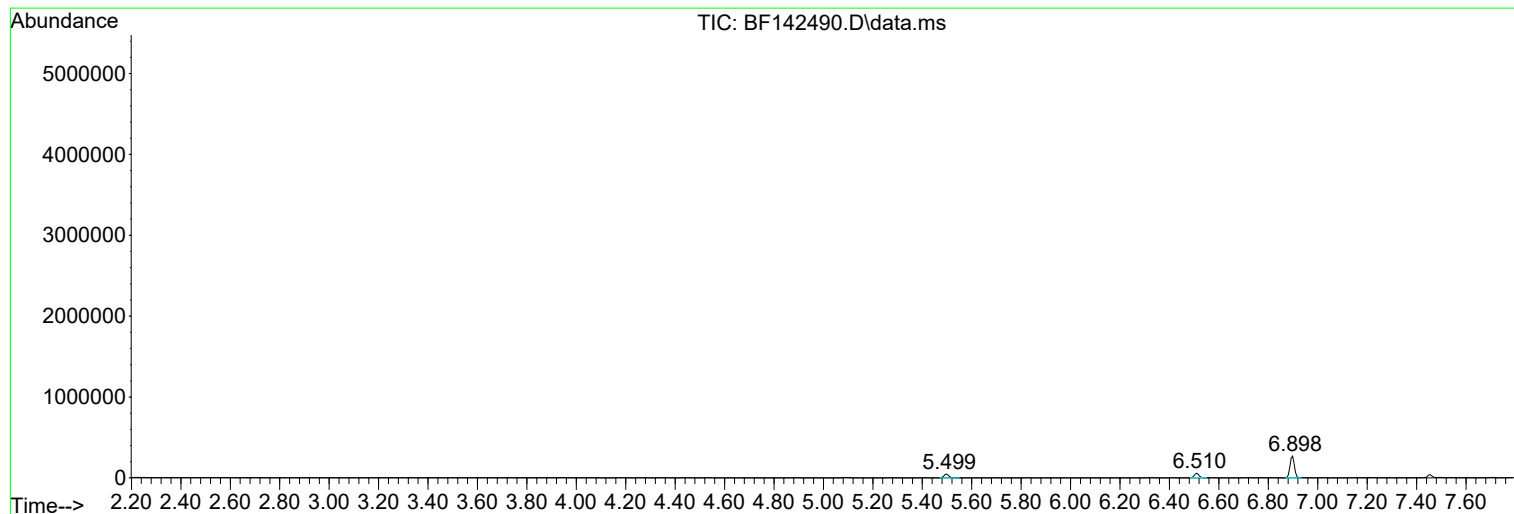
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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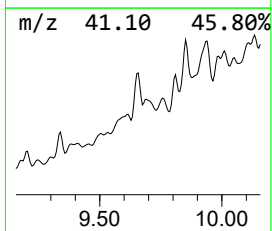
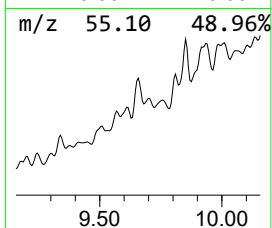
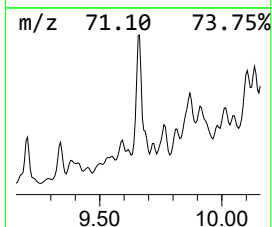
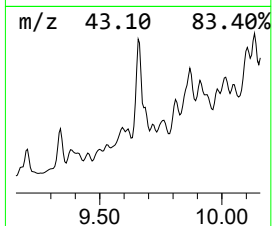
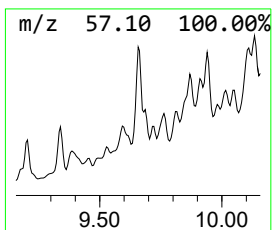
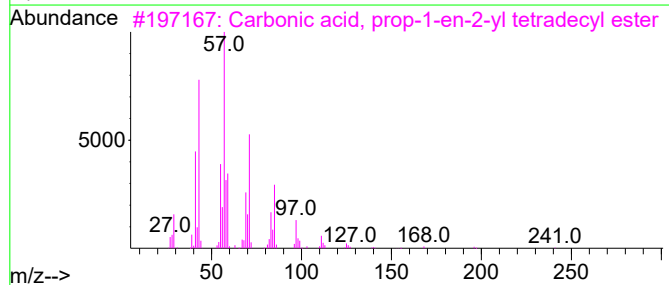
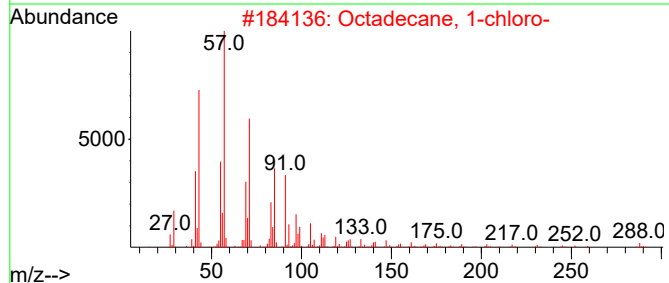
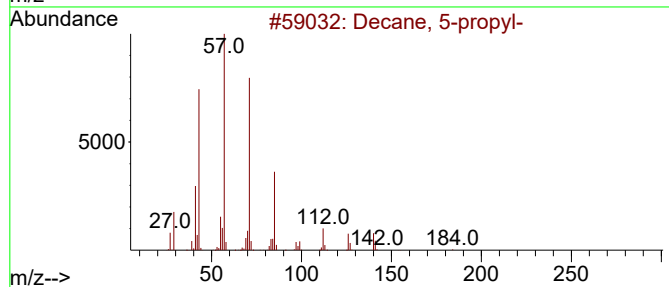
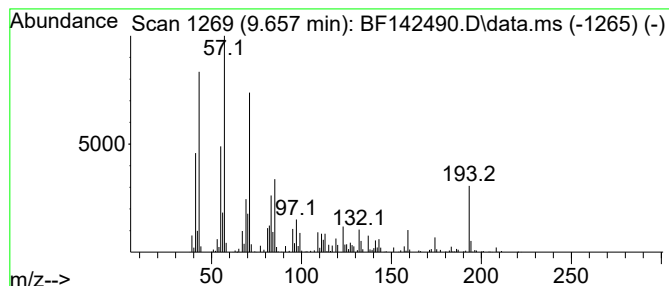
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	6.30 ng	577339	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-propyl-	184	C13H28	017312-62-8	55
2			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
3			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	53
4			Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	49
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49



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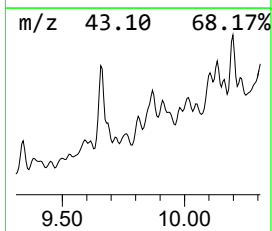
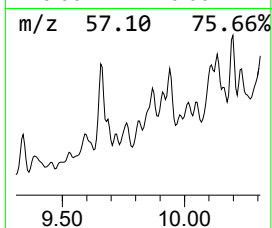
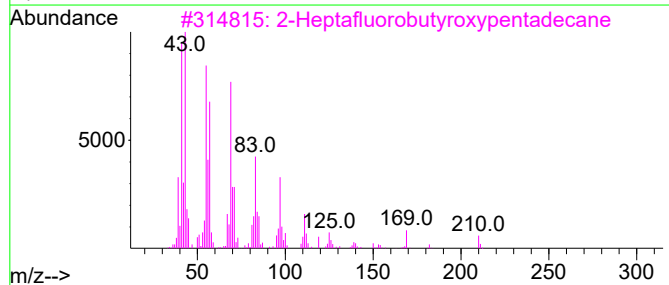
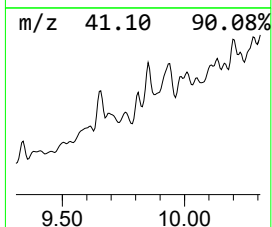
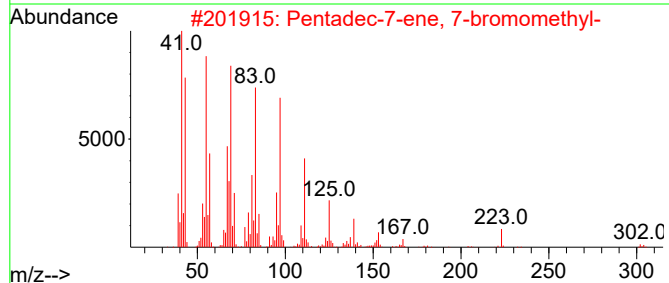
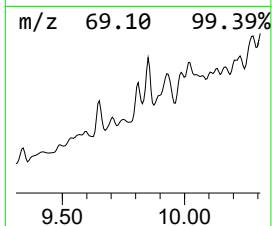
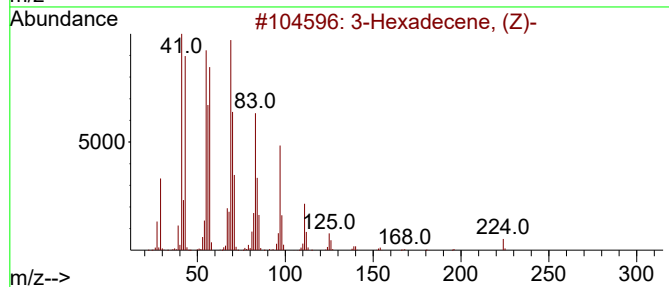
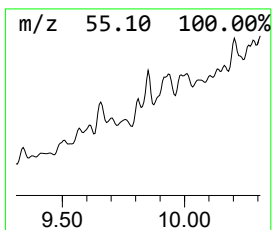
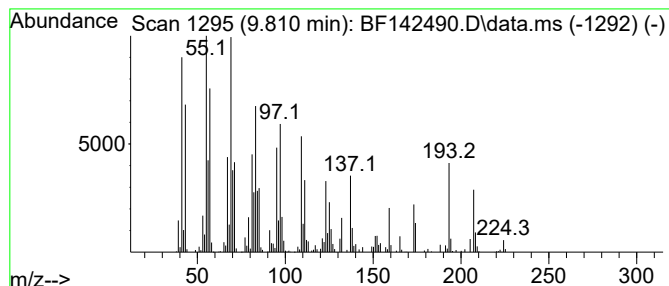
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 unknown9.810 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	3.93 ng	359788	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-		224	C16H32	034303-81-6	38	
2	Pentadec-7-ene, 7-bromomethyl-		302	C16H31Br	1000259-58-5	30	
3	2-Heptafluorobutyroxy pentadecane		424	C19H31F7O2	1010245-50-0	30	
4	1,7-Dimethyl-4-(1-methylethyl)cy...		210	C15H30	000645-10-3	27	
5	2-propenamide, N-(2,6-dihydroxyp...		193	C10H11NO3	1000395-98-7	25	



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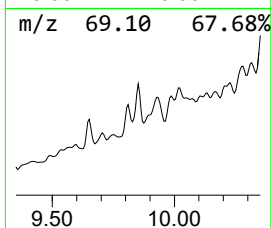
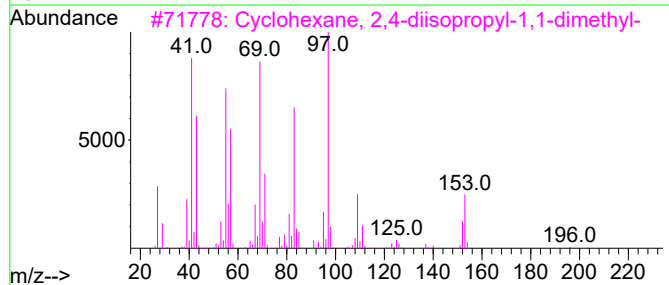
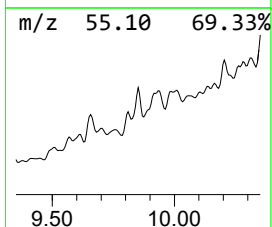
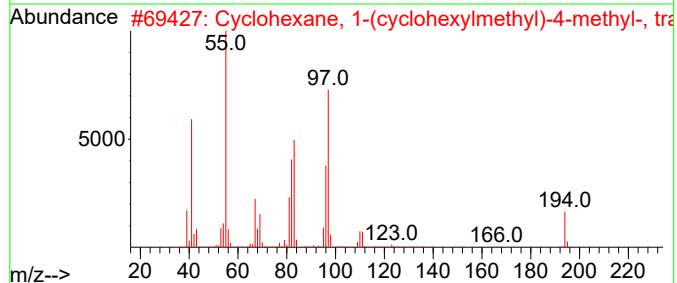
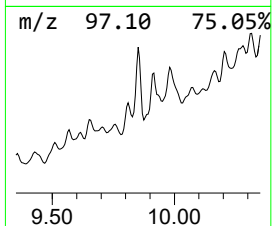
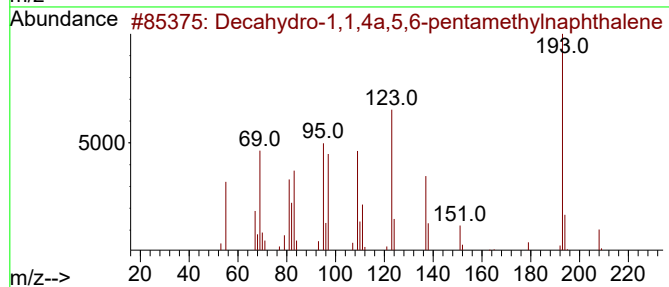
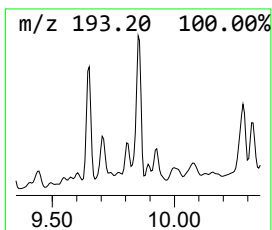
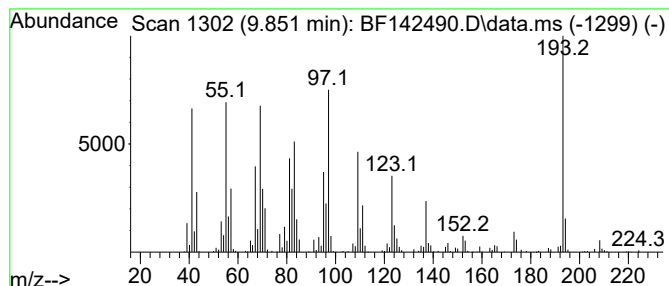
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 unknown9.851 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	5.75 ng	526731	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	43
2			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	38
3			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
4			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	27
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	25



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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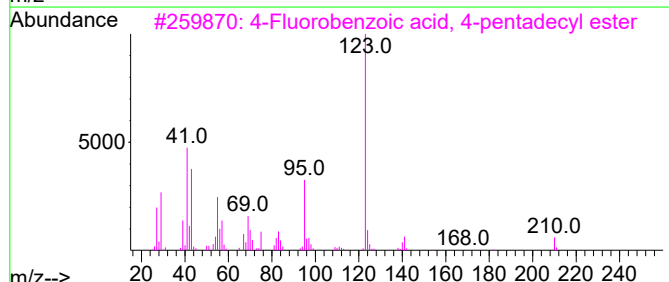
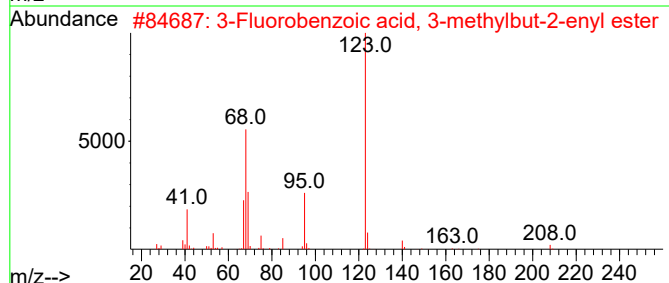
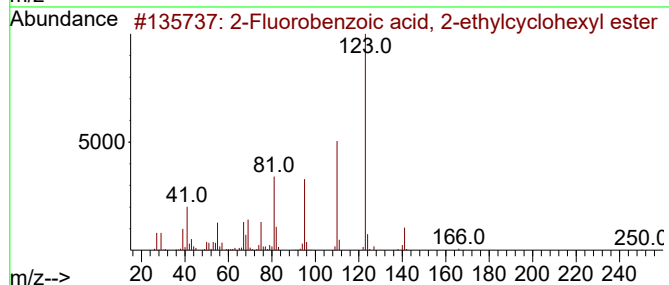
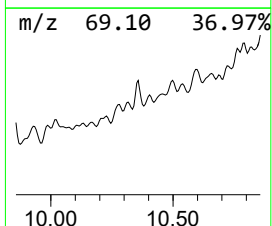
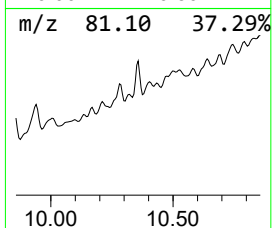
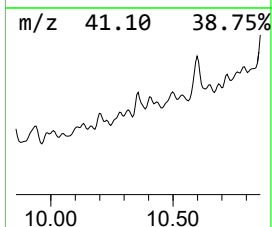
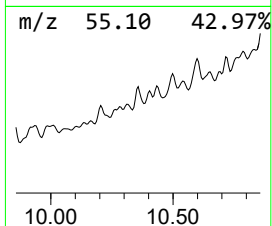
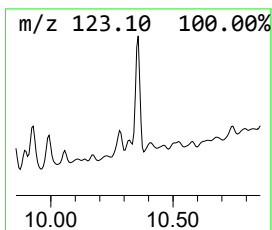
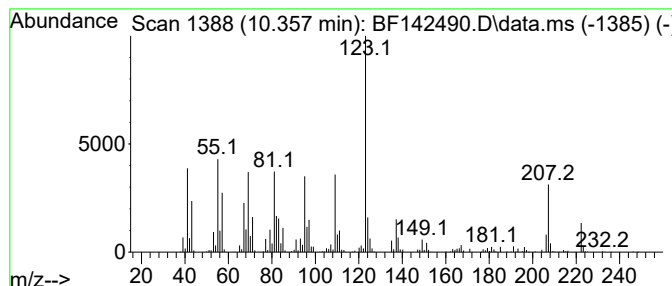
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Peak Number 4 2-Fluorobenzoic acid, 2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	7.14 ng	654039	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19F02	1000278-98-1	50
2			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	49
3			4-Fluorobenzoic acid, 4-pentadec...	350	C22H35F02	1000280-68-5	47
4			3-Fluorobenzoic acid, 6-ethyl-3-...	280	C17H25F02	1000279-01-9	47
5			Diallyldivinylsilane	164	C10H16Si	119901-88-1	47



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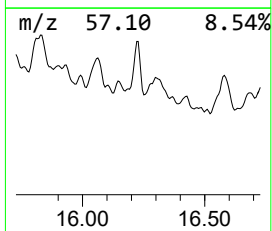
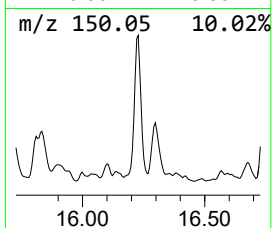
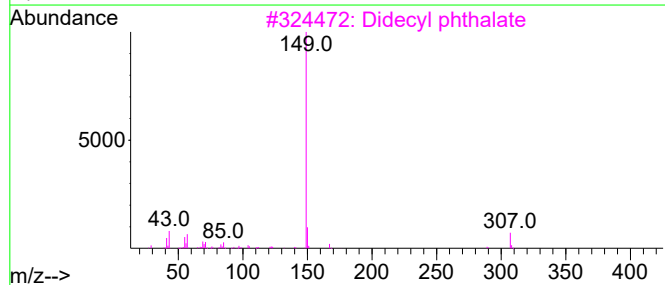
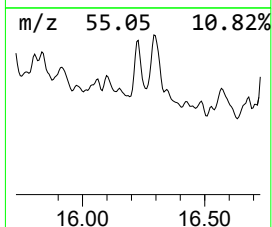
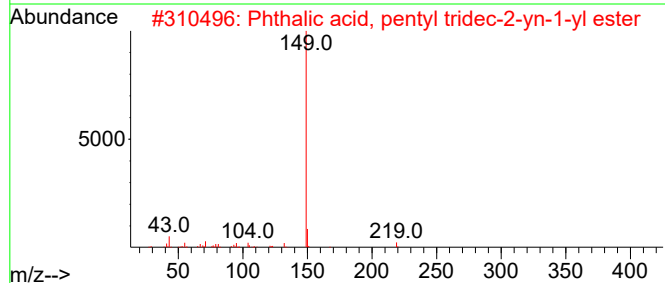
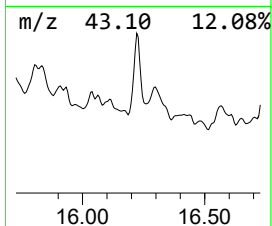
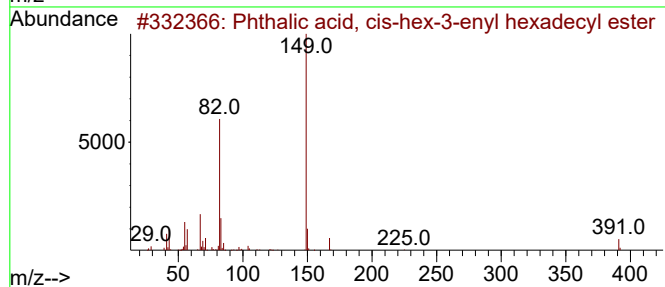
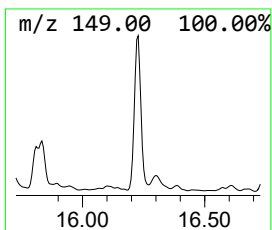
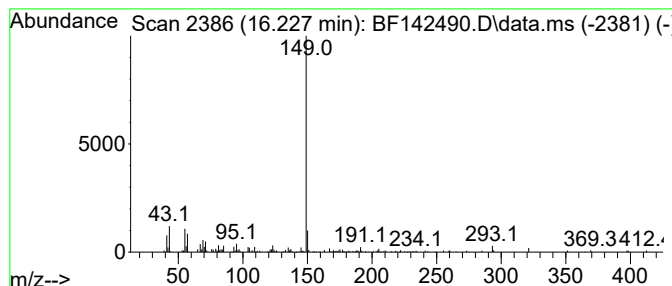
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Peak Number 5 Phthalic acid, cis-hex-3-en... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	6.03 ng	124205	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, cis-hex-3-enyl he...	472	C30H48O4	1000360-41-9	72
2			Phthalic acid, pentyl tridec-2-y...	414	C26H38O4	1000315-43-8	72
3			Didecyl phthalate	446	C28H46O4	000084-77-5	72
4			Phthalic acid, hexadecyl trans-h...	472	C30H48O4	1000360-49-4	72
5			Phthalic acid, 2,7-dimethyloct-7...	398	C25H34O4	1000315-49-3	72



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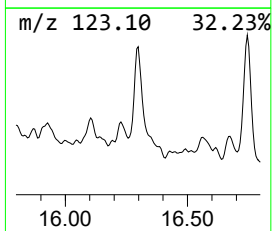
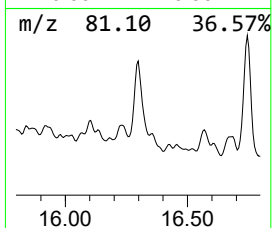
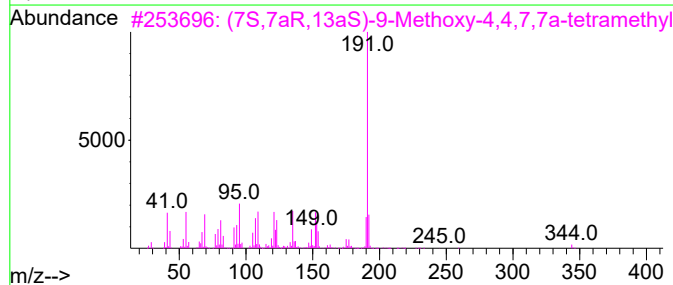
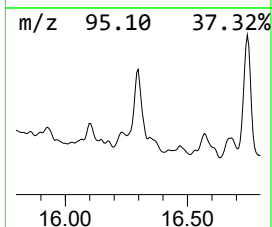
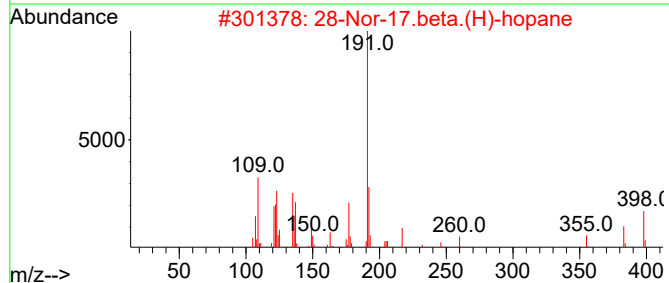
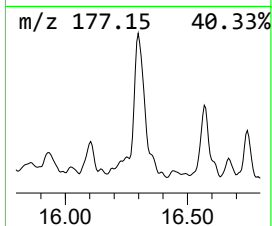
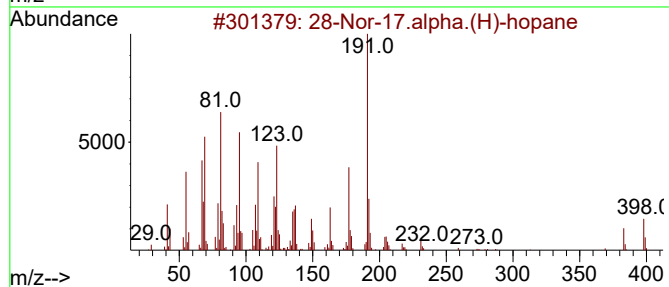
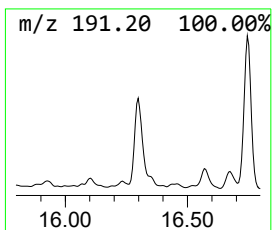
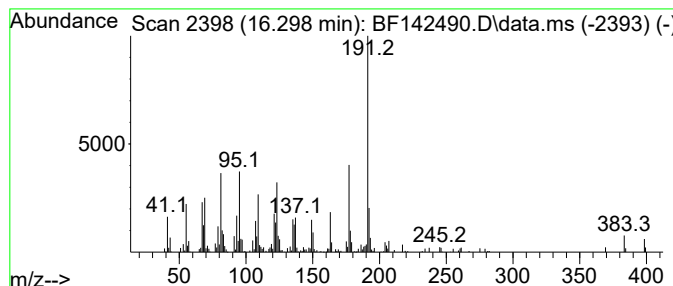
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 28-Nor-17.alpha.(H)-hopane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.298	12.57 ng	259062	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	94
2			28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
3			(7S,7aR,13aS)-9-Methoxy-4,4,7,7a...	344	C22H32O3	1000482-45-3	43
4			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
5			4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142490.D
Acq On : 21 May 2025 16:32
Operator : RC/JU
Sample : Q2068-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

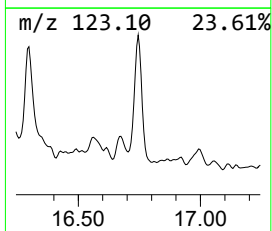
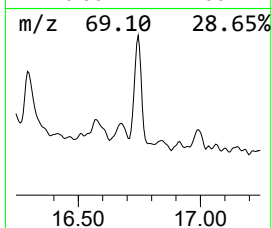
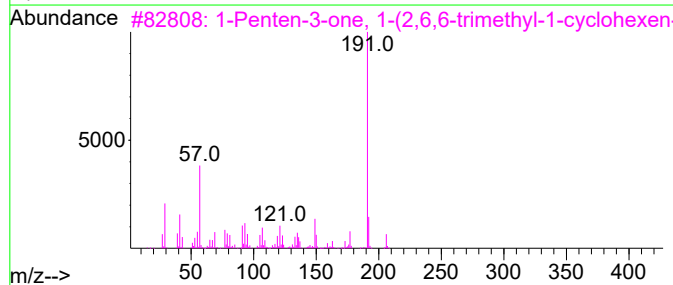
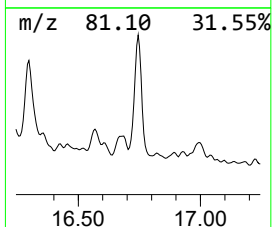
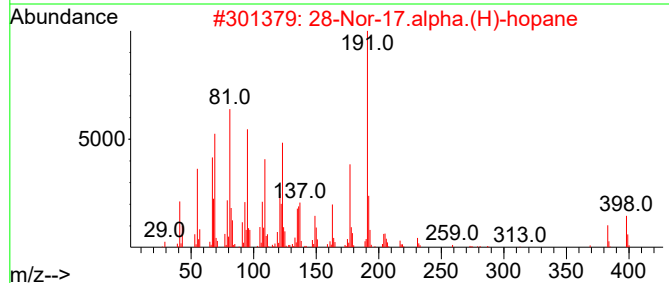
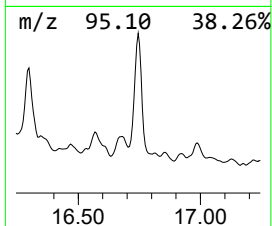
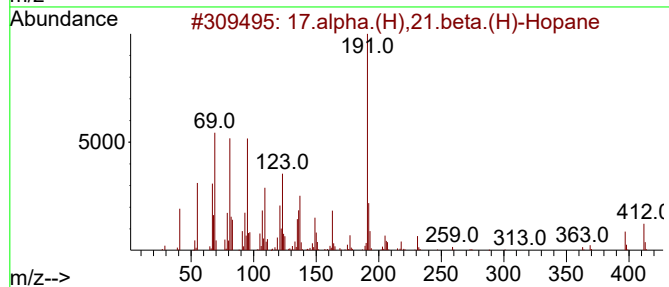
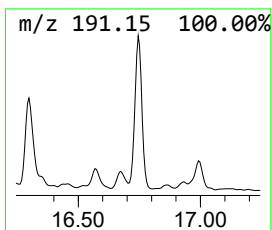
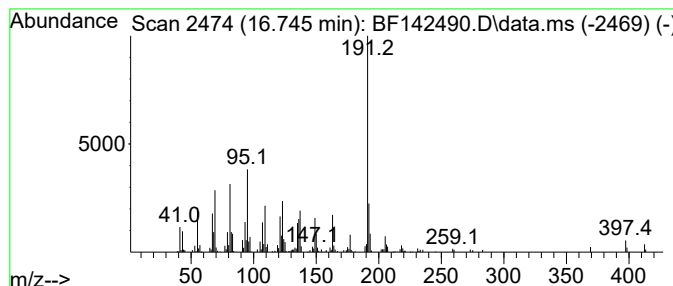
Instrument :
BNA_F
ClientSampleId :
LAW-25-0075

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.745	13.84 ng	285229	Perylene-d12		15.563	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	17.alpha.(H),21.beta.(H)-Hopane		412	C30H52	013849-96-2	96
2	28-Nor-17.alpha.(H)-hopane		398	C29H50	053584-60-4	76
3	1-Penten-3-one, 1-(2,6,6-trimeth...		206	C14H22O	000127-43-5	45
4	Anthracene, 9-dodecyltetradecahy...		360	C26H48	055401-75-7	42
5	2-(2-((2-Chloro-6-fluorobenzyl)s...		334	C17H16ClFN2S	1000298-18-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142490.D
Acq On : 21 May 2025 16:32
Operator : RC/JU
Sample : Q2068-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0075

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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
Decane, 5-propyl-	9.657	6.3	ng	577339	3	9.939	1831410	20.0
unknown9.810	9.810	3.9	ng	359788	3	9.939	1831410	20.0
unknown9.851	9.851	5.8	ng	526731	3	9.939	1831410	20.0
2-Fluorobenzoic...	10.357	7.1	ng	654039	3	9.939	1831410	20.0
Phthalic acid, ...	16.227	6.0	ng	124205	6	15.563	412250	20.0
28-Nor-17.alpha...	16.298	12.6	ng	259062	6	15.563	412250	20.0
17.alpha.(H),21...	16.745	13.8	ng	285229	6	15.563	412250	20.0