

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141878.D
 Acq On : 06 Mar 2025 19:58
 Operator : RC/JU
 Sample : Q1494-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

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-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141878.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	3	11	18	rBV	954676	1544683	25.82%	3.824%
2	5.498	573	579	584	rBV	2344665	3099197	51.81%	7.672%
3	6.504	743	750	755	rBV	2260966	3148774	52.64%	7.794%
4	6.887	809	815	820	rBV	783619	986695	16.49%	2.442%
5	7.440	899	909	915	rBV	1553112	2085039	34.86%	5.161%
6	8.163	1027	1032	1038	rBV	982293	1255875	20.99%	3.109%
7	9.045	1179	1182	1185	rBV4	147895	232008	3.88%	0.574%
8	9.163	1199	1202	1204	rBV3	209653	250676	4.19%	0.621%
9	9.239	1210	1215	1220	rBV	3050477	4000455	66.88%	9.902%
10	9.322	1225	1229	1233	rBV	888767	1360776	22.75%	3.368%
11	9.633	1279	1282	1287	rBV2	1994796	3050849	51.00%	7.552%
12	9.798	1306	1310	1313	rBV2	2535939	4144526	69.28%	10.259%
13	9.845	1314	1318	1321	rVB	4225301	5981902	100.00%	14.807%
14	9.922	1327	1331	1336	rVB3	2301591	4053835	67.77%	10.035%
15	10.351	1401	1404	1408	rVB2	3089097	3762528	62.90%	9.314%
16	15.521	2279	2283	2295	rVB	798425	1440734	24.08%	3.566%

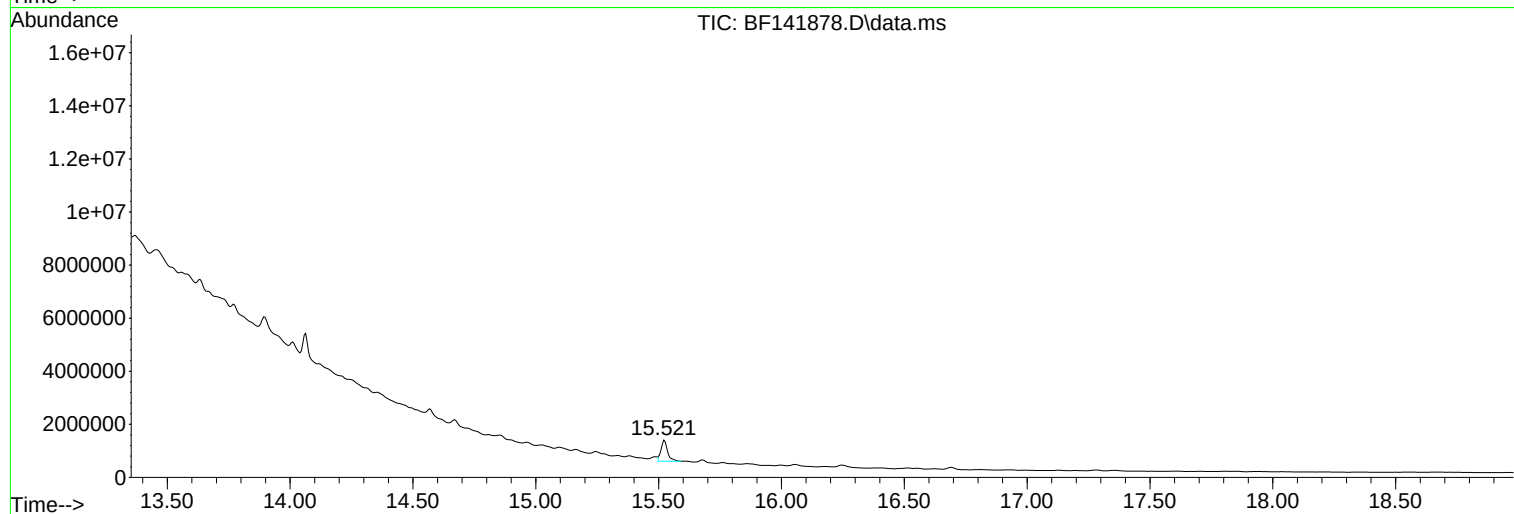
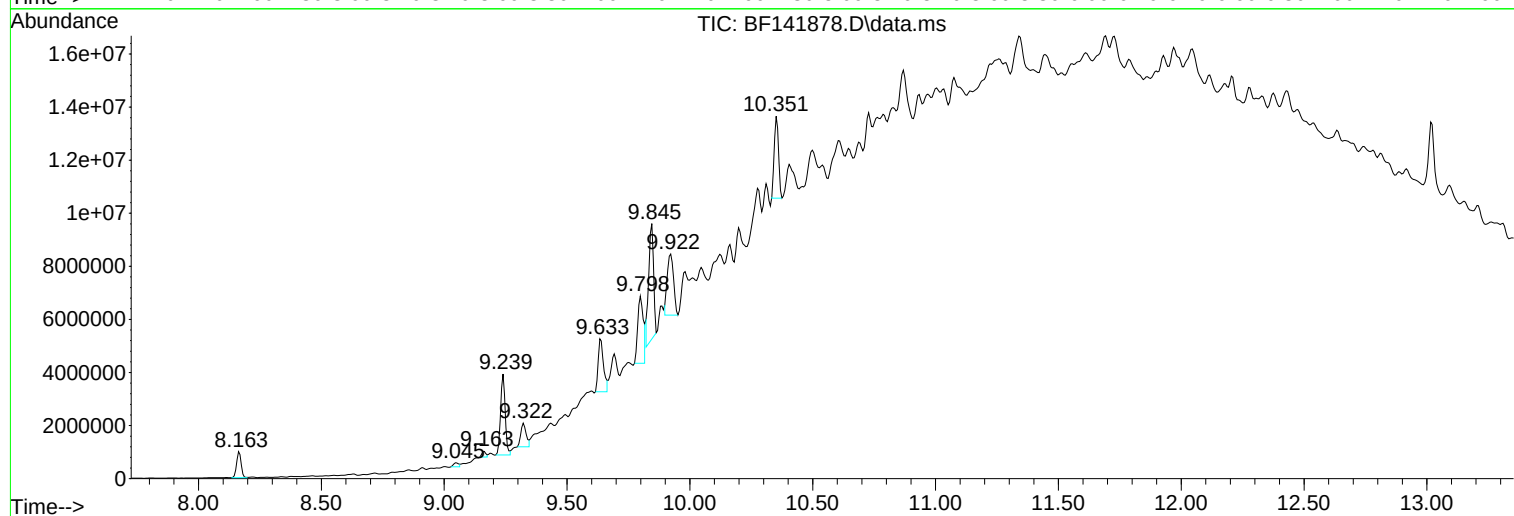
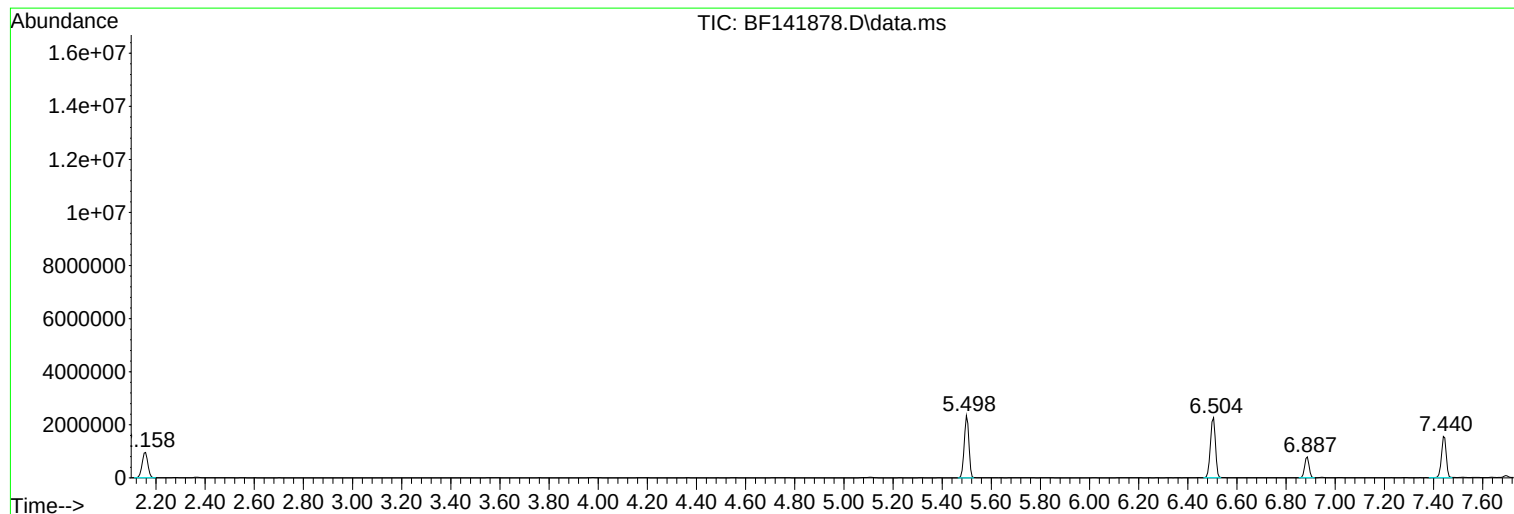
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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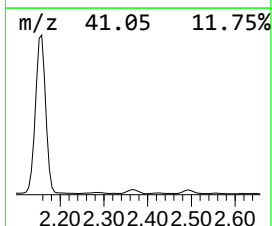
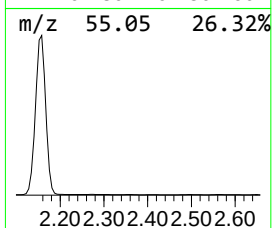
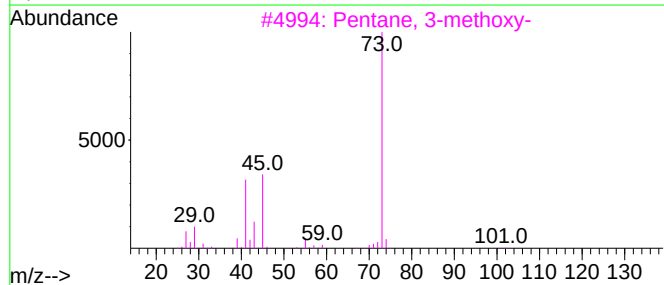
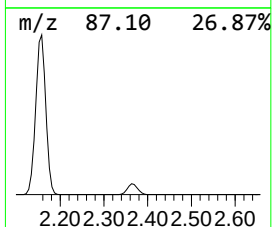
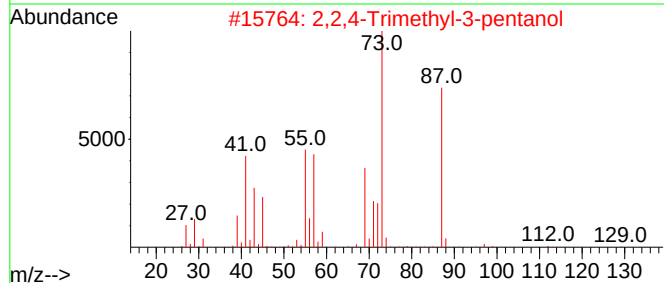
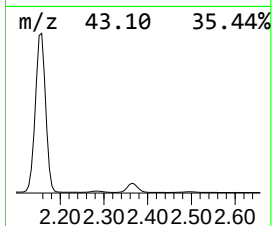
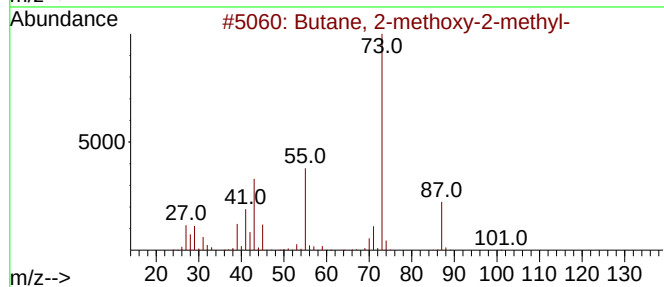
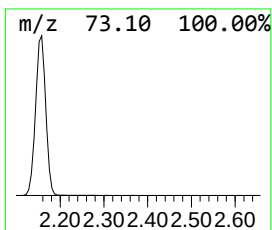
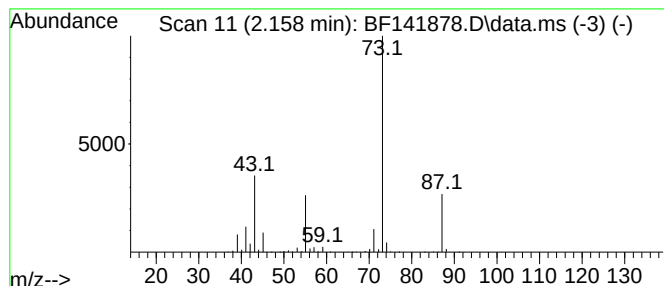
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.158	31.31 ng	1544680	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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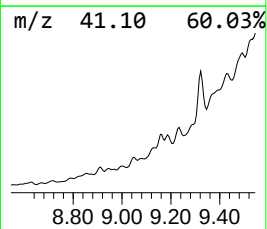
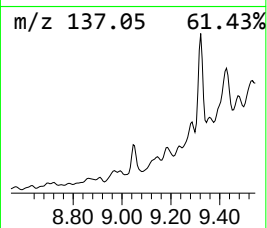
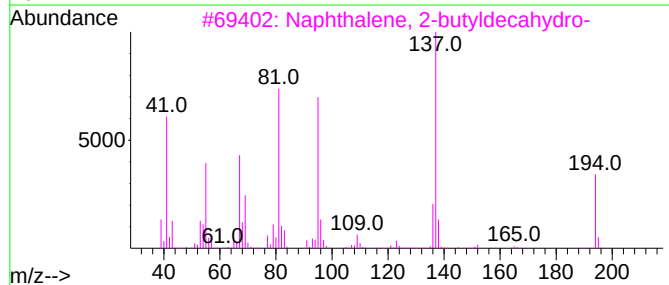
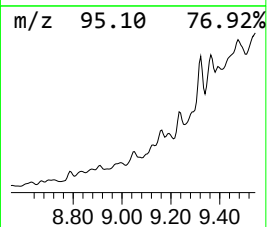
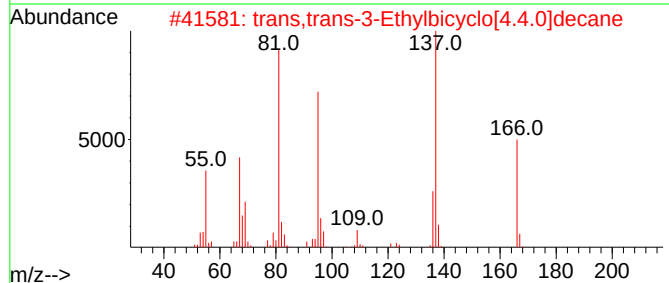
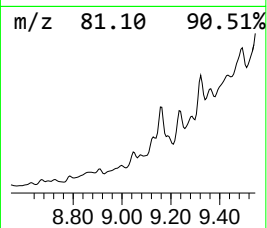
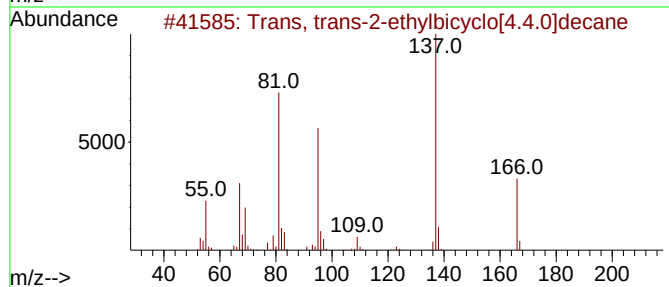
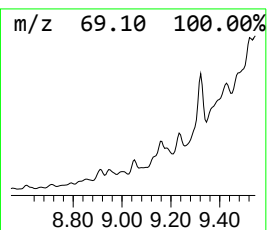
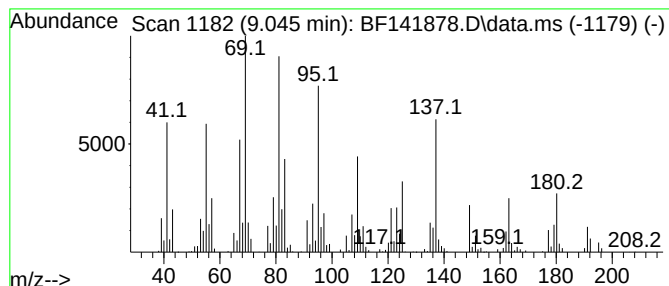
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Peak Number 2 unknown9.045 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	3.69 ng	232008	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	43
2			trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	41
3			Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38
4			3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	38
5			cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	38



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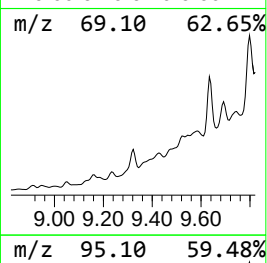
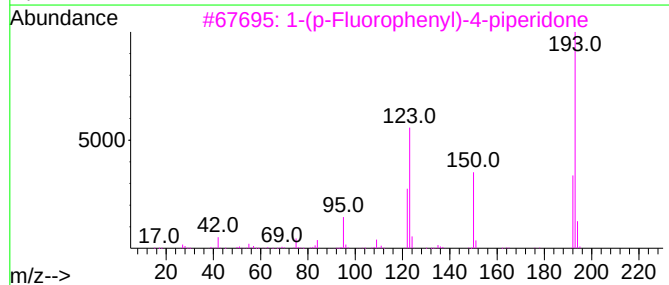
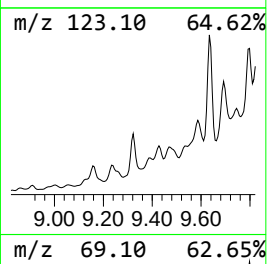
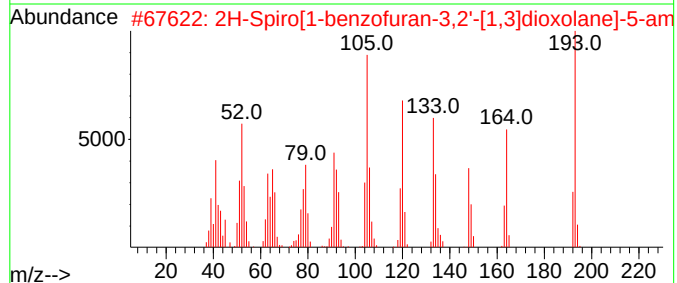
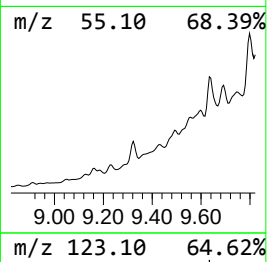
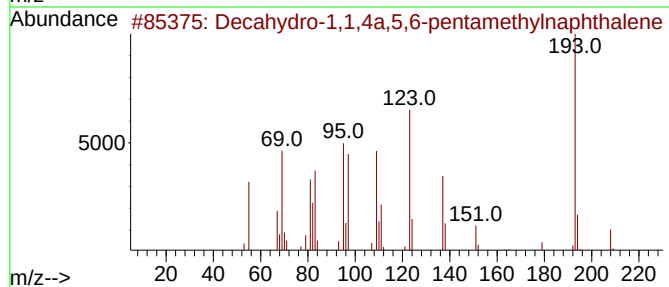
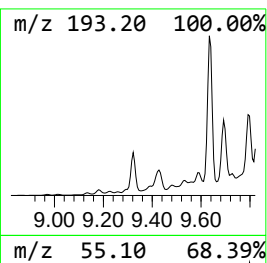
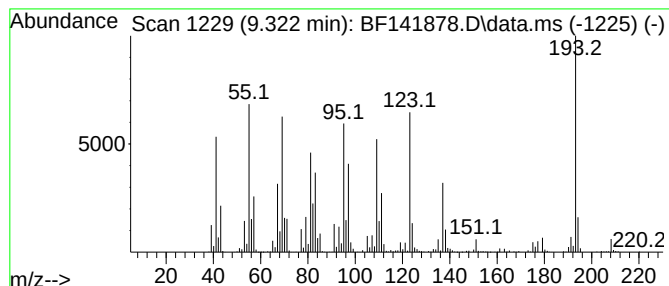
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Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	6.71 ng	1360780	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	91
2			2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	64
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4			Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1010163-96-1	25
5			Iminostilbene	193	C14H11N	000256-96-2	22



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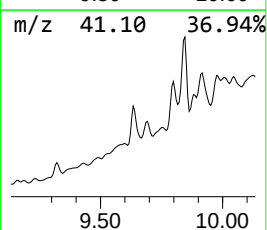
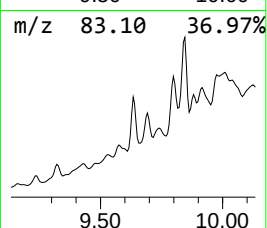
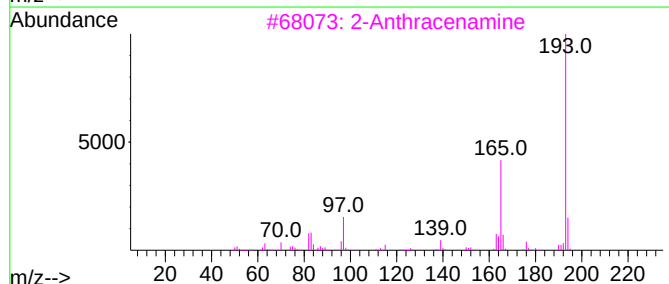
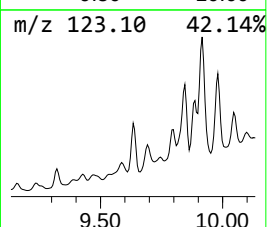
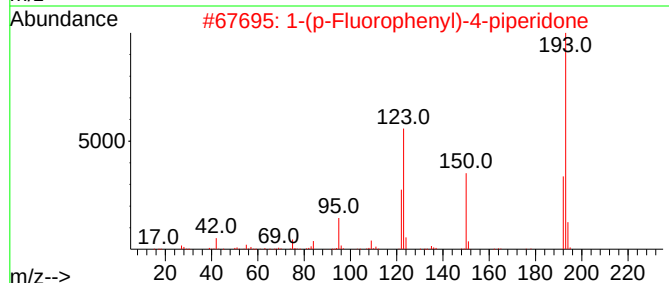
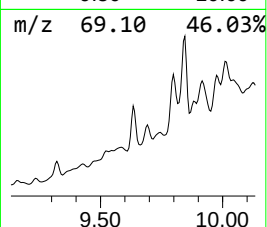
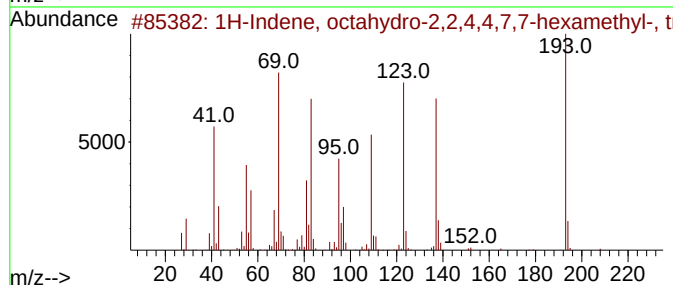
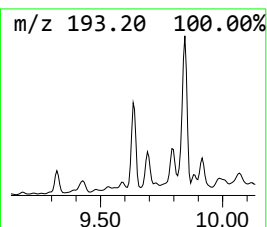
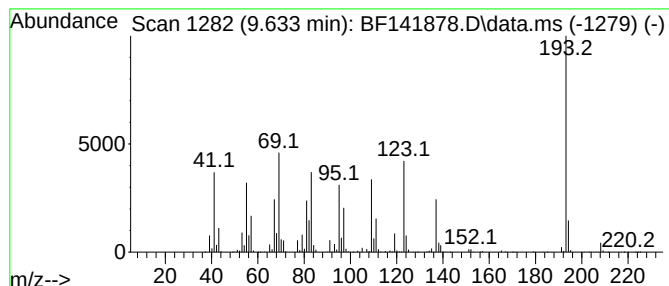
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Peak Number 4 unknown9.633 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	15.05 ng	3050850	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	40
3			2-Anthracenamine	193	C14H11N	000613-13-8	38
4			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
5			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37



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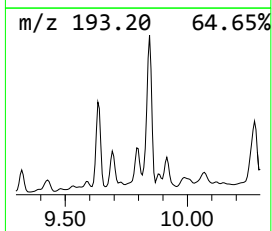
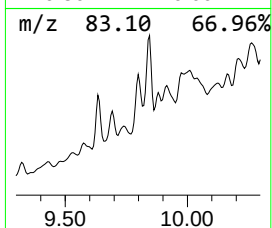
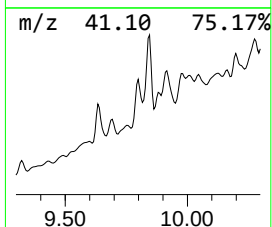
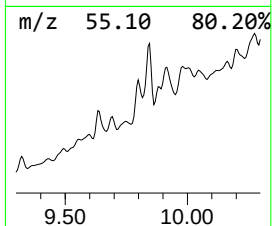
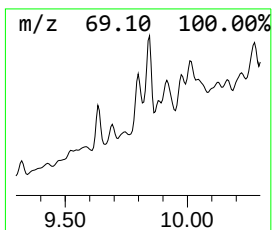
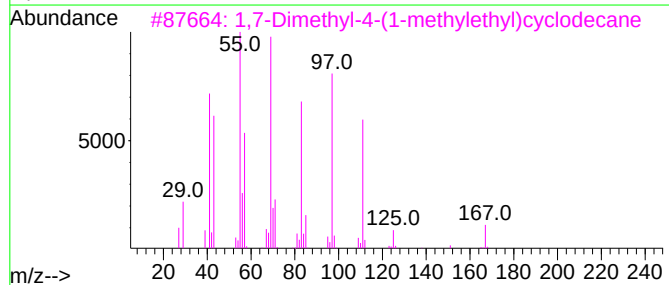
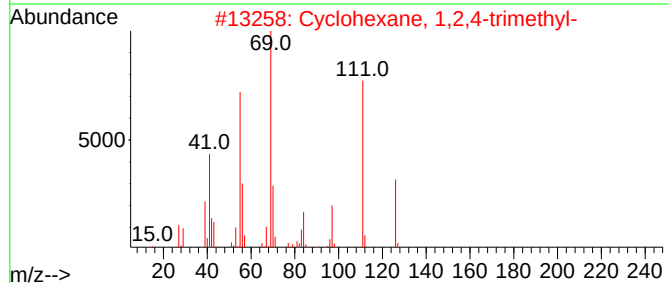
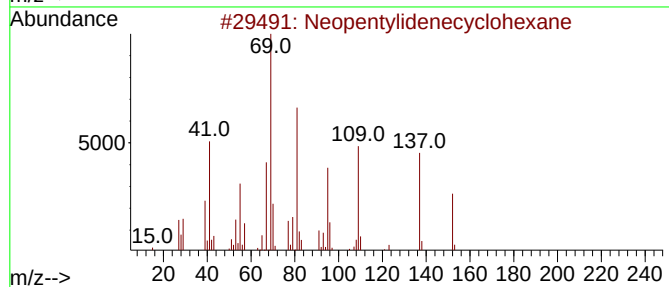
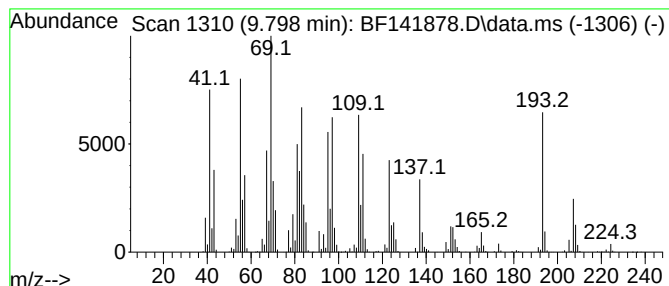
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Peak Number 5 unknown9.798 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.798	20.45 ng	4144530	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Neopentylidenecyclohexane	152	C11H20	039546-80-0	41
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
3			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
4			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
5			Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38



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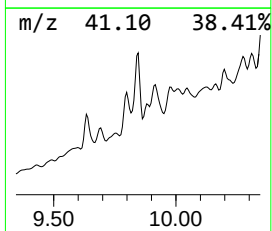
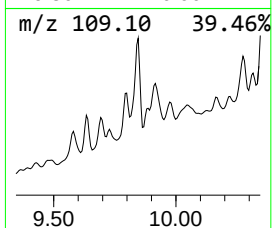
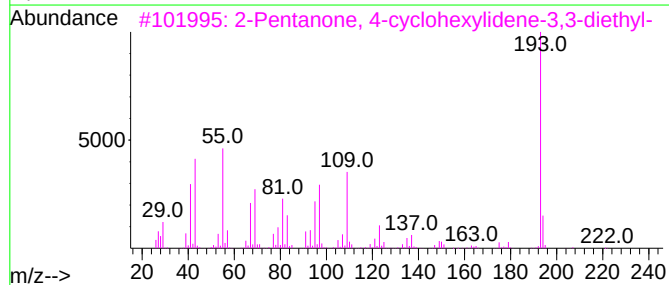
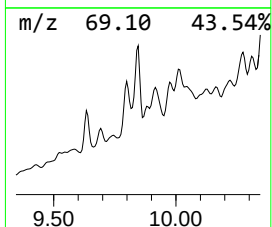
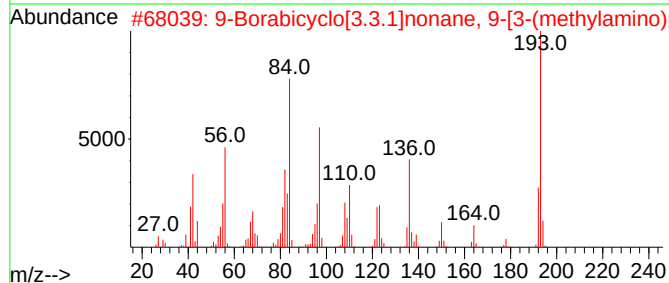
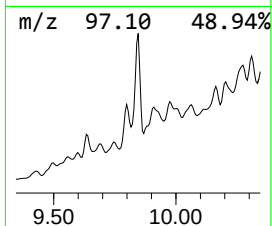
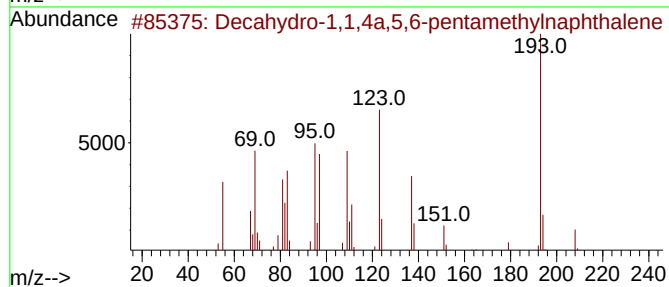
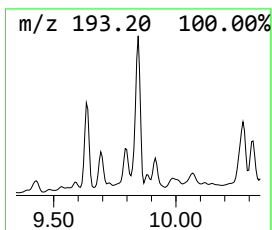
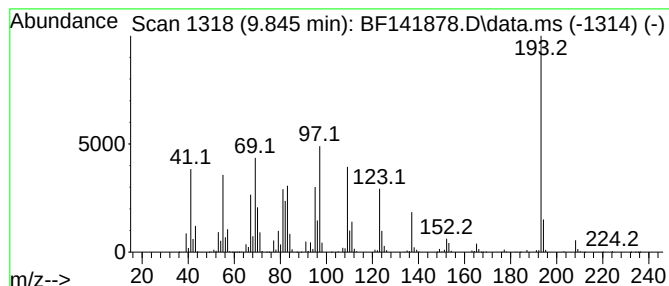
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.845 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	29.51 ng	5981900	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	47
2			9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	47
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	42
4			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	28
5			Iminostilbene	193	C14H11N	000256-96-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141878.D
Acq On : 06 Mar 2025 19:58
Operator : RC/JU
Sample : Q1494-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

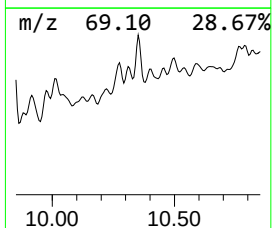
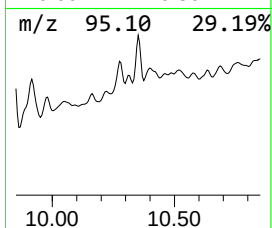
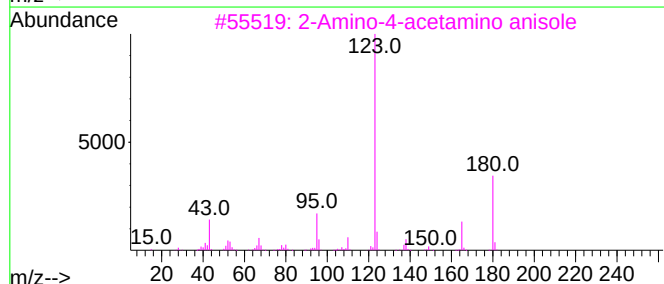
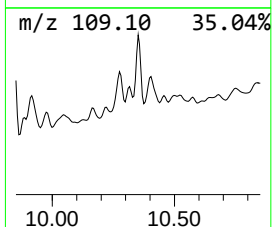
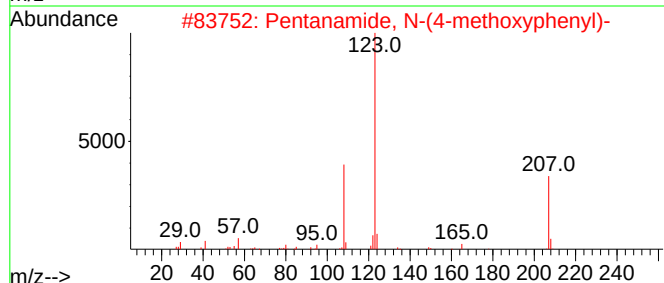
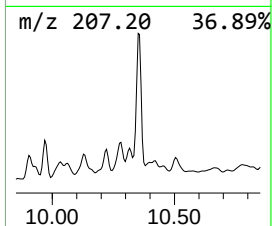
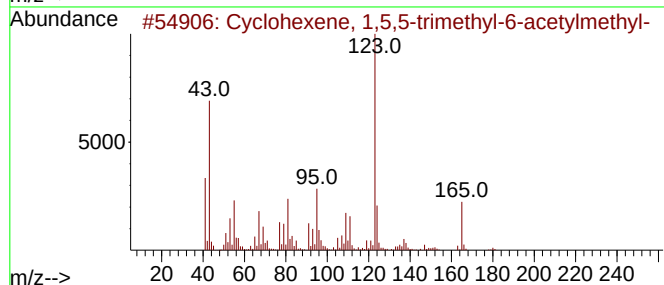
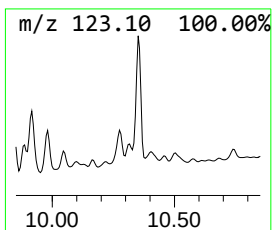
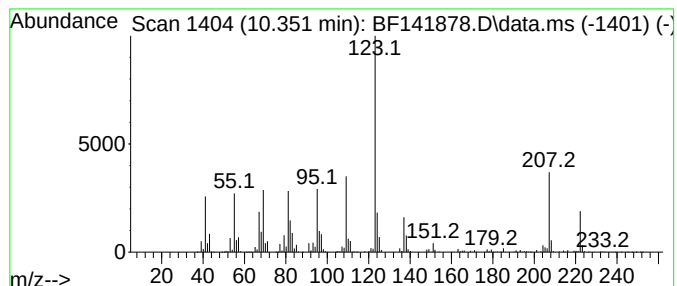
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexene, 1,5,5-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	18.56 ng	3762530	Acenaphthene-d10	9.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	53
2			Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	49
3			2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	47
4			4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	43
5			4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141878.D
Acq On : 06 Mar 2025 19:58
Operator : RC/JU
Sample : Q1494-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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
Butane, 2-metho...	2.158	31.3	ng	1544680	1	6.887	986695	20.0
unknown9.045	9.045	3.7	ng	232008	2	8.163	1255880	20.0
Decahydro-1,1,4...	9.322	6.7	ng	1360780	3	9.928	4053840	20.0
unknown9.633	9.633	15.1	ng	3050850	3	9.928	4053840	20.0
unknown9.798	9.798	20.4	ng	4144530	3	9.928	4053840	20.0
unknown9.845	9.845	29.5	ng	5981900	3	9.928	4053840	20.0
Cyclohexene, 1,...	10.351	18.6	ng	3762530	3	9.928	4053840	20.0