

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050445.D
 Acq On : 15 Jul 2025 03:31
 Operator : RC/JU
 Sample : Q2565-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MOO-25-0180

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_M\Methods\8270-BM070925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050445.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	5	10	19	rVB	734162	1041010	10.11%	1.491%
2	5.440	410	417	426	rBV	3604703	5616081	54.55%	8.045%
3	7.022	678	686	694	rBV	3685186	5975830	58.04%	8.560%
4	7.863	822	829	836	rBV	1811224	2922189	28.38%	4.186%
5	9.010	1006	1024	1031	rBV	2610493	4656099	45.22%	6.669%
6	9.851	1161	1167	1175	rBV3	342666	947097	9.20%	1.357%
7	10.545	1279	1285	1294	rBV4	453903	1337308	12.99%	1.916%
8	10.651	1294	1303	1315	rVV	2590546	6658161	64.67%	9.537%
9	10.792	1322	1327	1331	rVB3	642271	982589	9.54%	1.407%
10	11.075	1370	1375	1379	rBV5	604528	1141481	11.09%	1.635%
11	11.216	1393	1399	1407	rBV5	766602	2452994	23.82%	3.514%
12	11.363	1419	1424	1430	rVB4	1285695	2496311	24.25%	3.576%
13	11.427	1431	1435	1441	rBV6	727709	1493580	14.51%	2.139%
14	11.574	1456	1460	1468	rBV5	822384	1708392	16.59%	2.447%
15	11.716	1477	1484	1488	rBV5	1303900	3757085	36.49%	5.382%
16	11.851	1503	1507	1512	rBV4	1326988	2087775	20.28%	2.991%
17	12.404	1597	1601	1606	rBV2	1892990	3482721	33.83%	4.989%
18	12.574	1627	1630	1634	rBV2	1701684	2353250	22.86%	3.371%
19	13.116	1718	1722	1730	rVB	6542698	10295980	100.00%	14.748%
20	24.468	3645	3652	3673	rVB	3045514	8406642	81.65%	12.042%

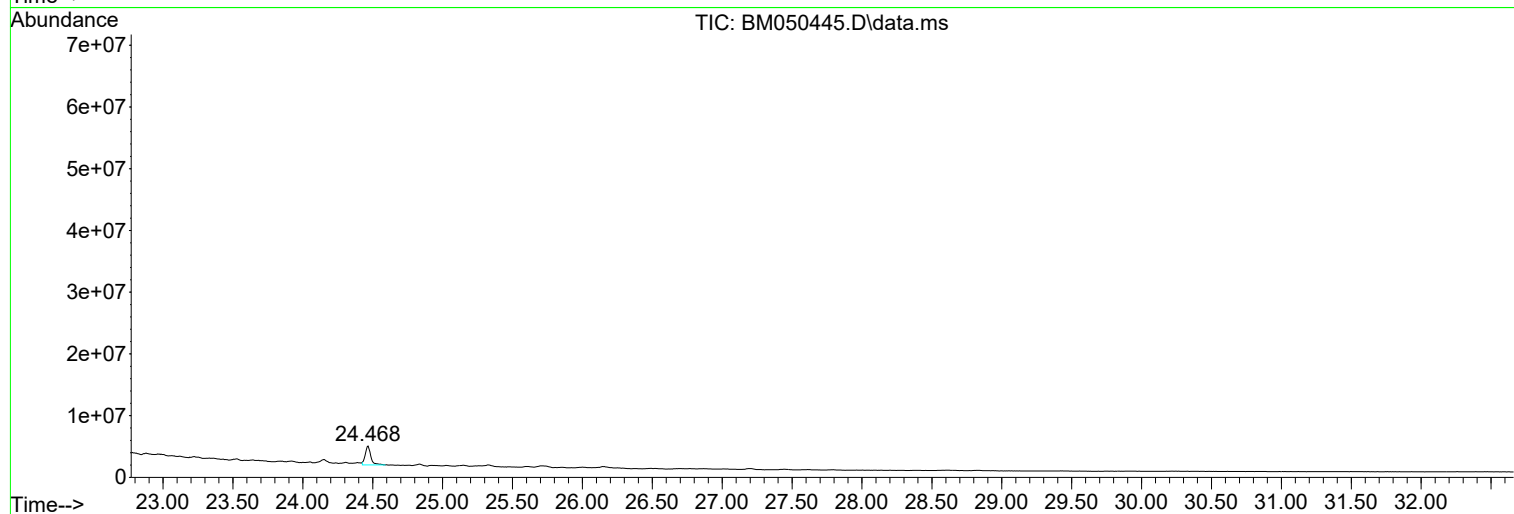
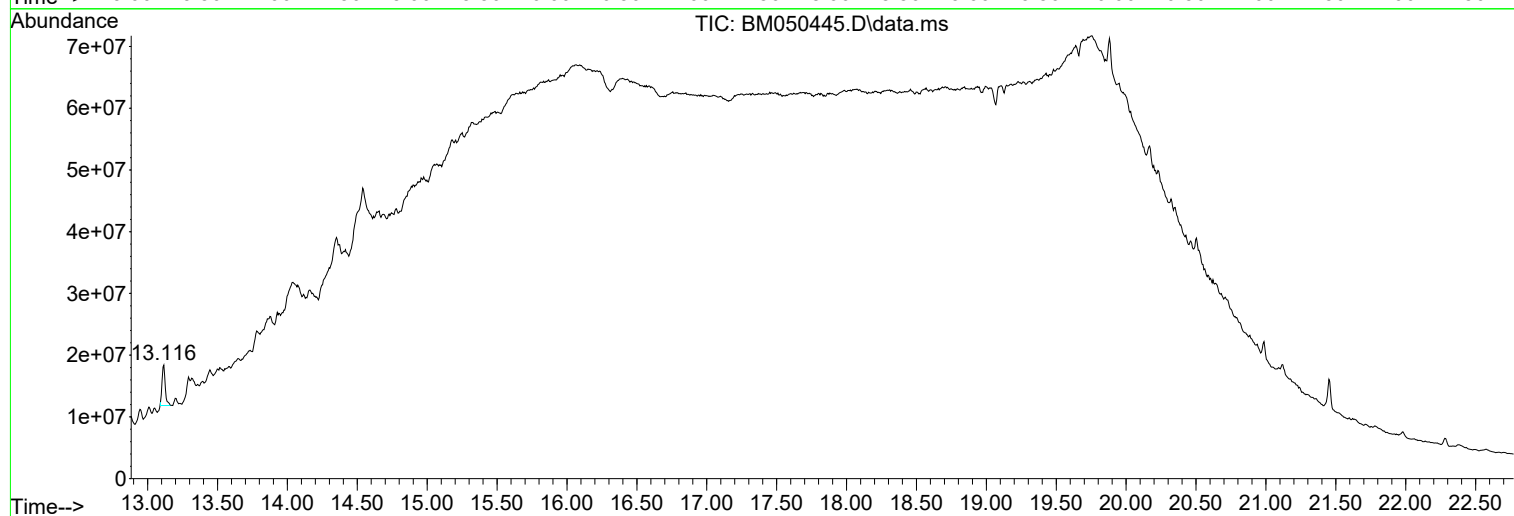
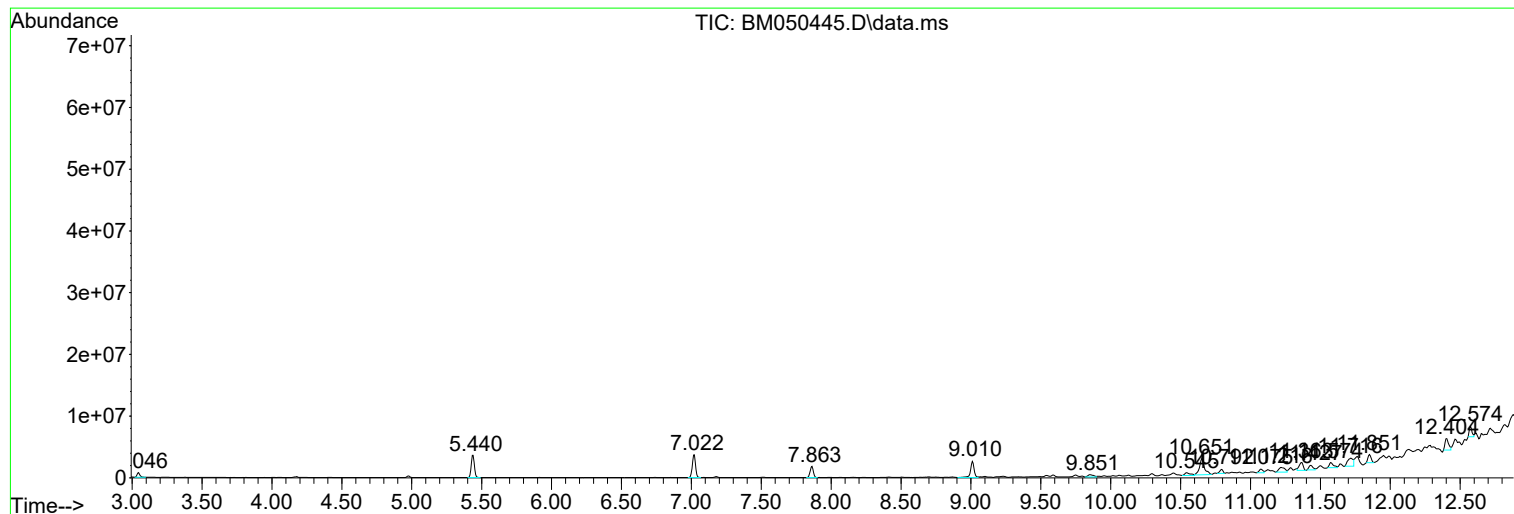
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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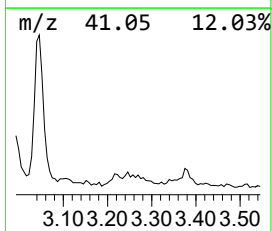
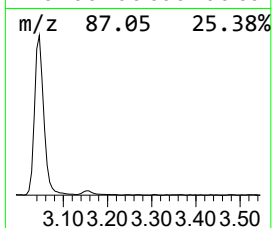
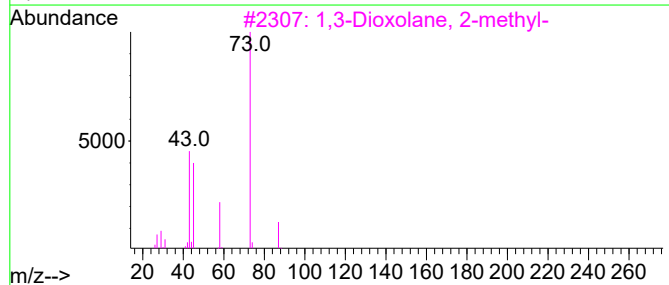
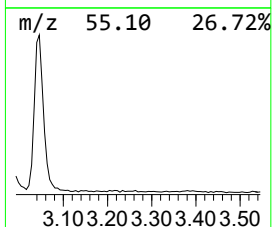
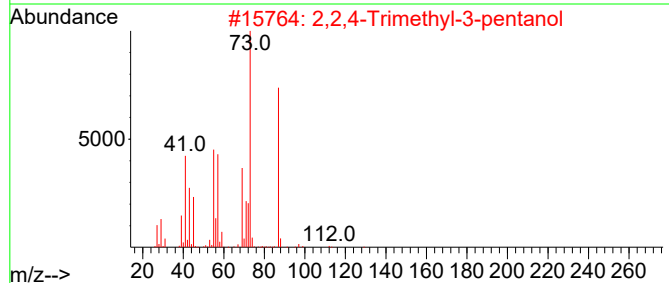
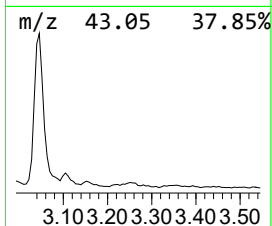
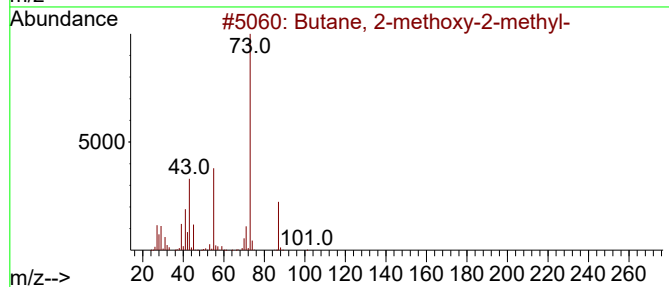
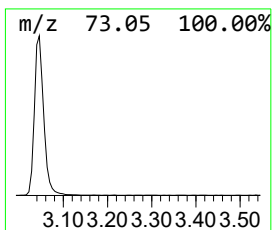
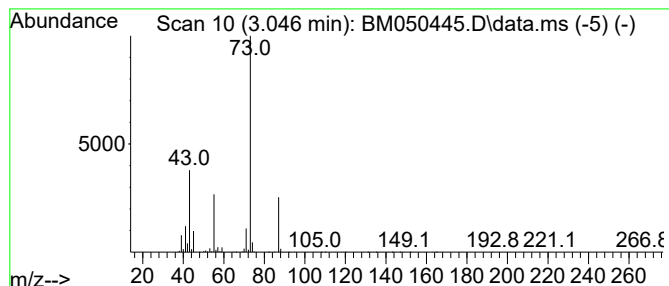
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.046	7.12 ng	1041010	1,4-Dichlorobenzene-d4	7.863

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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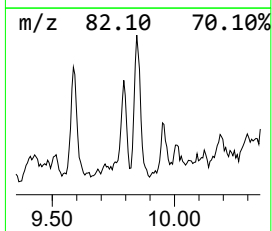
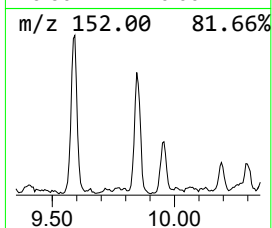
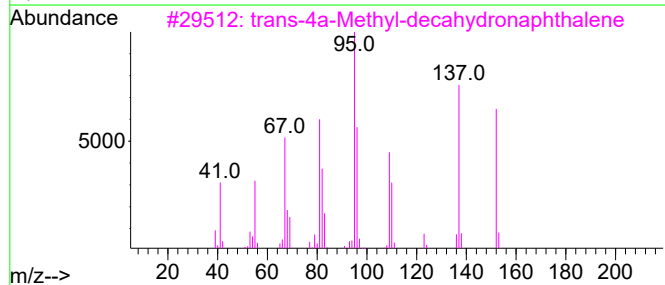
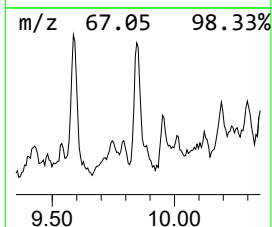
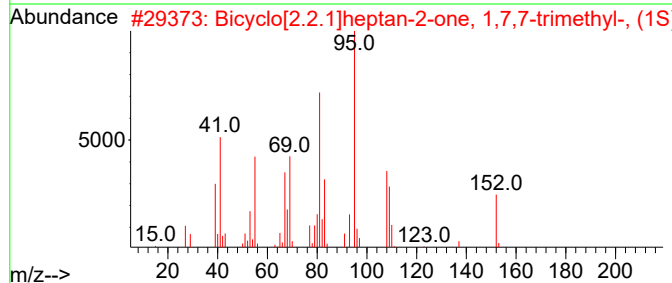
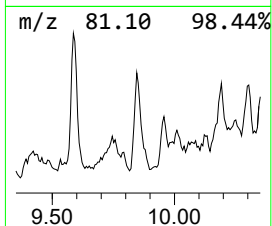
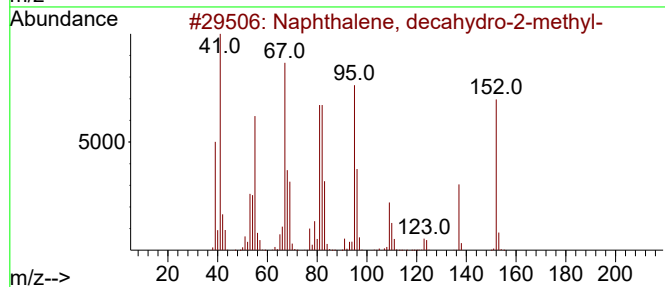
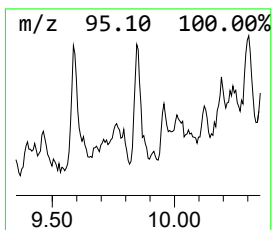
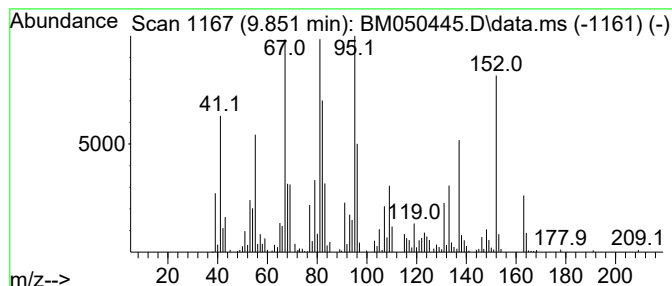
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	2.84 ng	947097	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	70
5			9-Octadecyne	250	C18H34	035365-59-4	58



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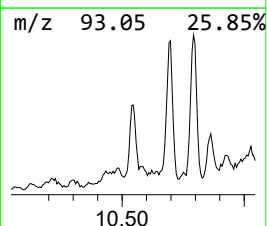
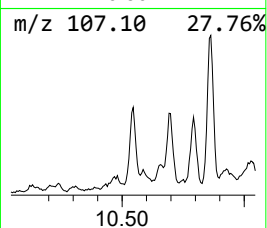
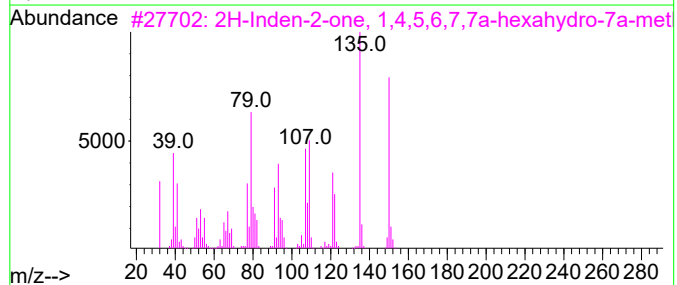
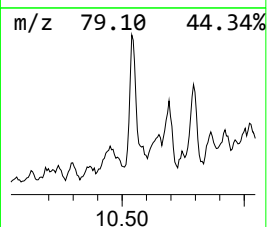
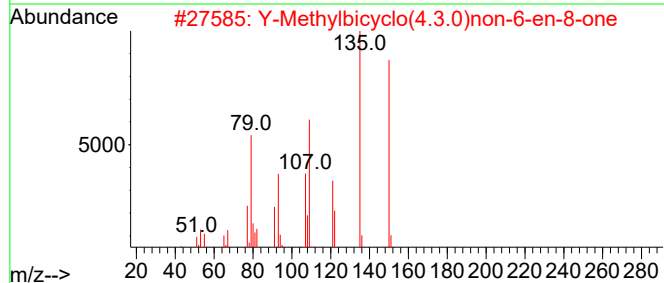
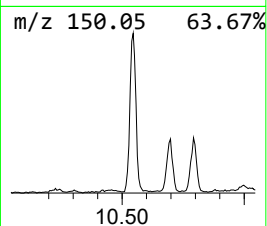
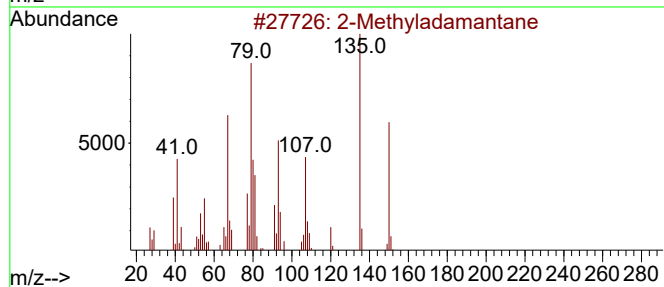
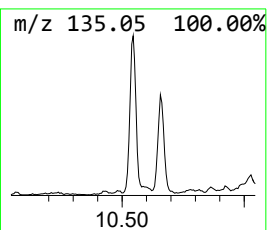
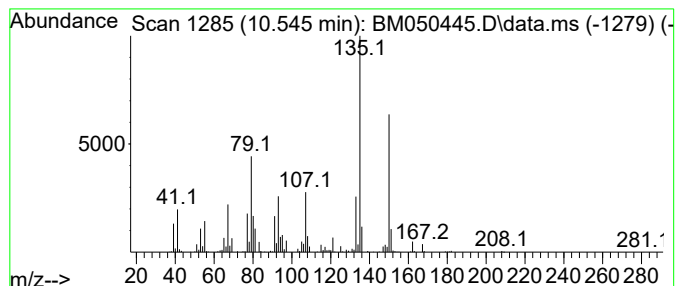
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 2-Methyladamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	4.02 ng	1337310	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	87
2			Y-Methylbicyclo(4.3.0)non-6-en-8-one	150	C10H14O	1000424-65-9	87
3			2H-Inden-2-one, 1,4,5,6,7,7a-hexahydro-	150	C10H14O	054725-16-5	76
4			Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	72
5			Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	64



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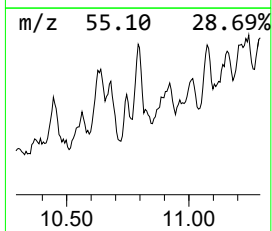
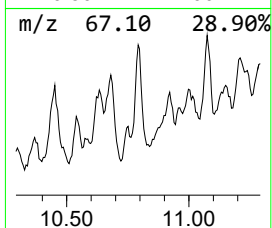
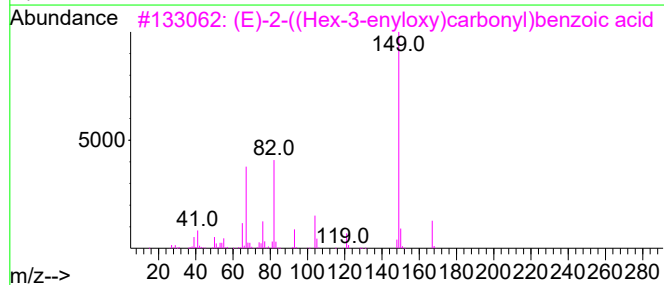
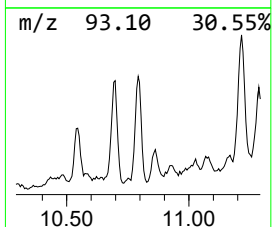
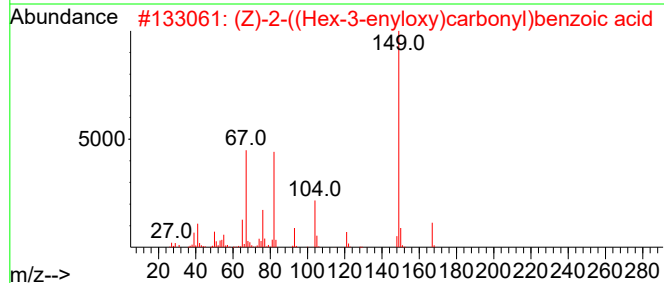
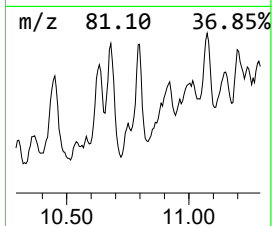
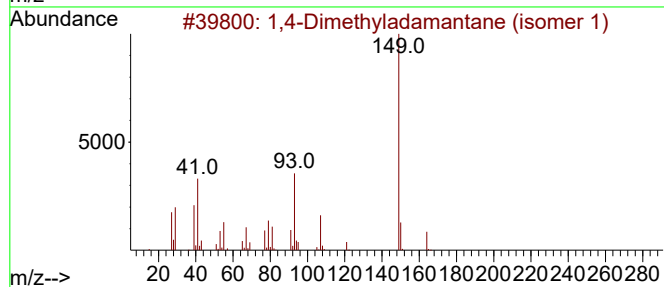
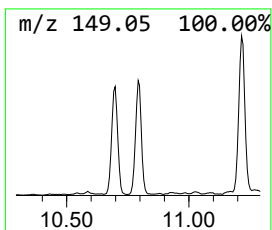
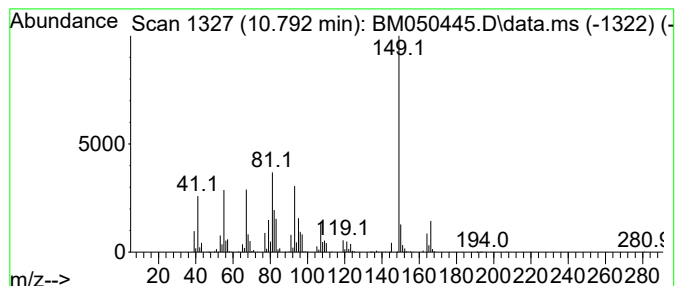
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Peak Number 4 1,4-Dimethyladamantane (iso... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	2.95 ng	982589	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	70
2			(Z)-2-((Hex-3-enyloxy)carbonyl)b...	248	C14H16O4	298712-38-6	53
3			(E)-2-((Hex-3-enyloxy)carbonyl)b...	248	C14H16O4	1000373-67-9	53
4			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	53
5			Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	50



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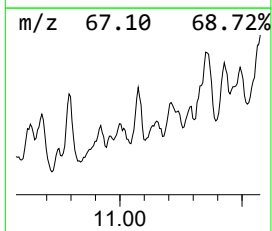
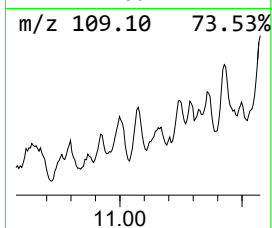
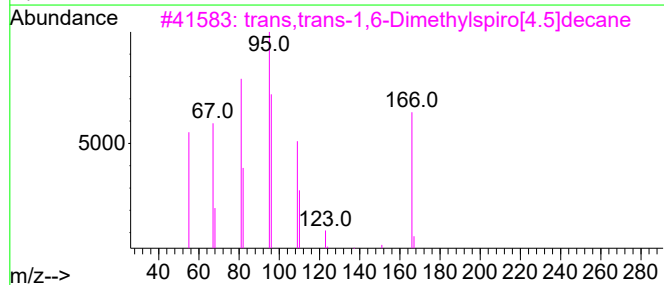
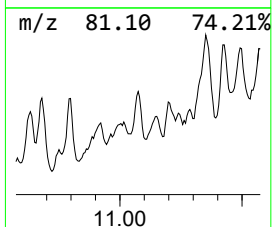
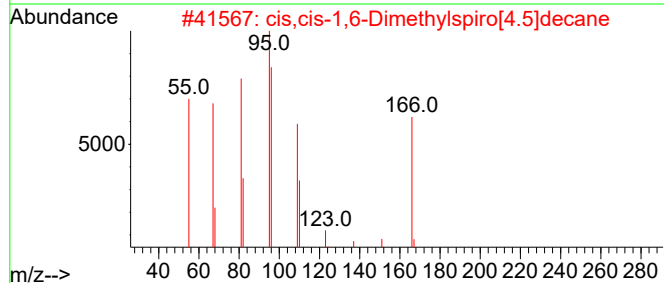
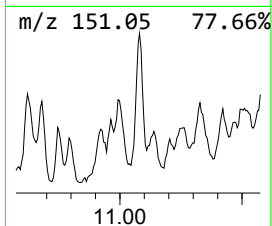
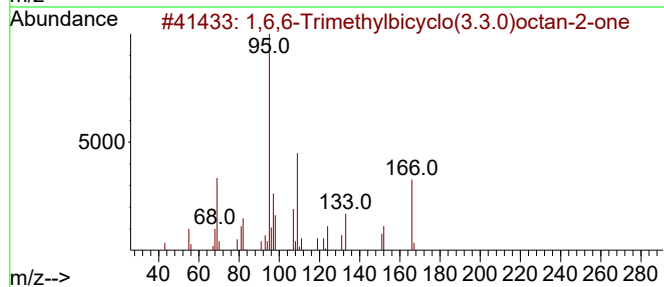
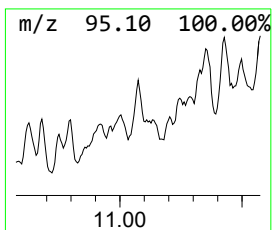
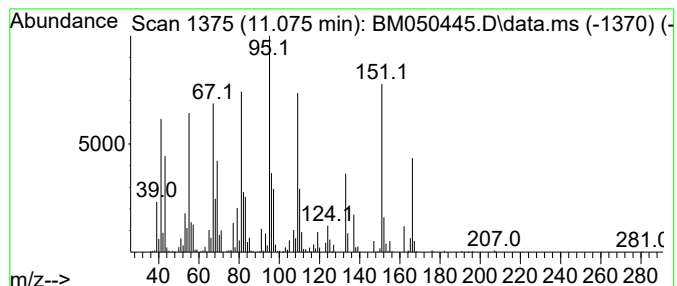
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Peak Number 5 1,6,6-Trimethylbicyclo(3.3.... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	3.43 ng	1141480	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,6,6-Trimethylbicyclo(3.3.0)oct...	166	C11H18O	1000427-23-1	55
2			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	53
3			trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	49
4			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	46
5			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	46



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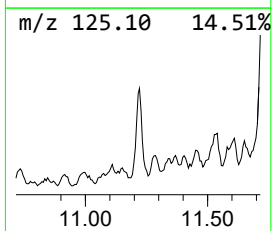
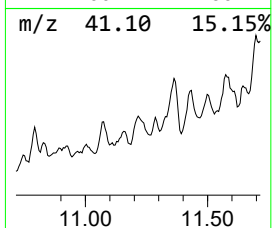
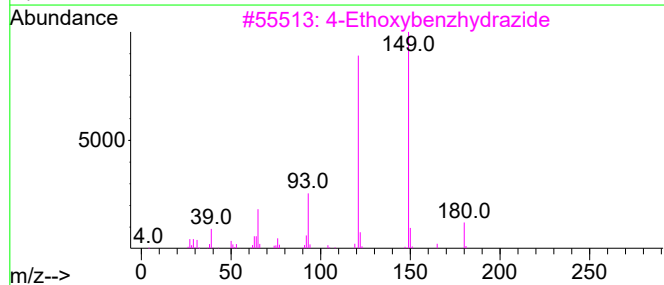
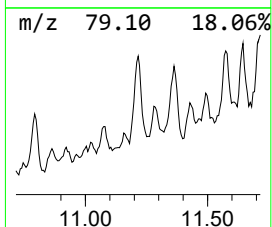
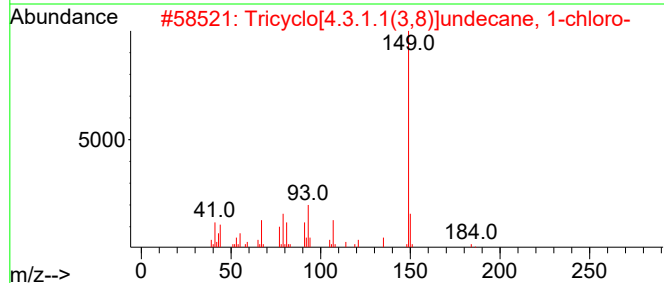
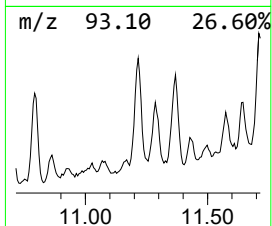
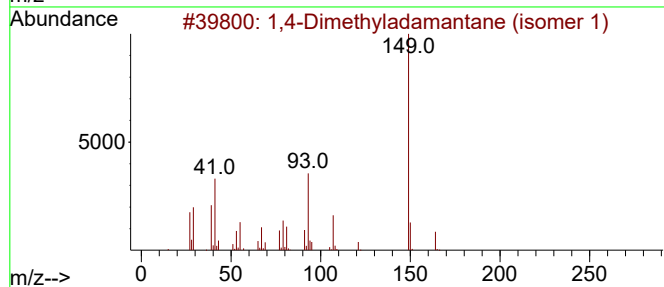
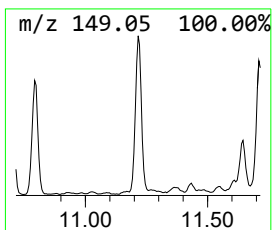
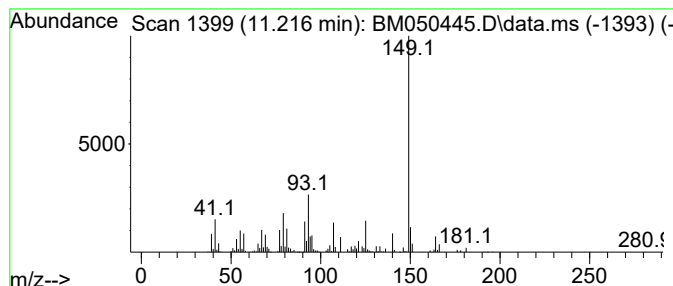
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	7.37 ng	2452990	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	93
2			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	59
3			4-Ethoxybenzhydrazide	180	C9H12N2O2	058586-81-5	53
4			Phthalic acid, 3-methoxy-4-nitro...	443	C24H29NO7	1000382-53-6	53
5			2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
Operator : RC/JU
Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-25-0180

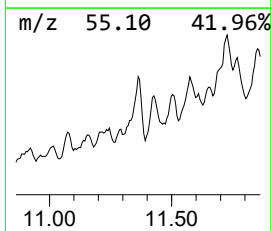
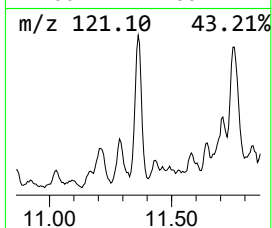
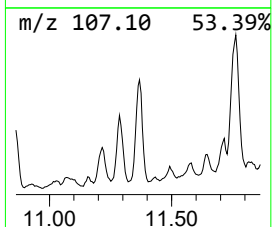
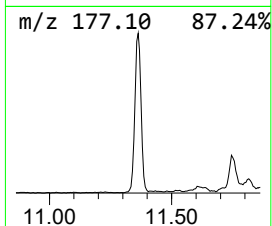
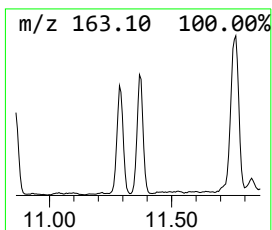
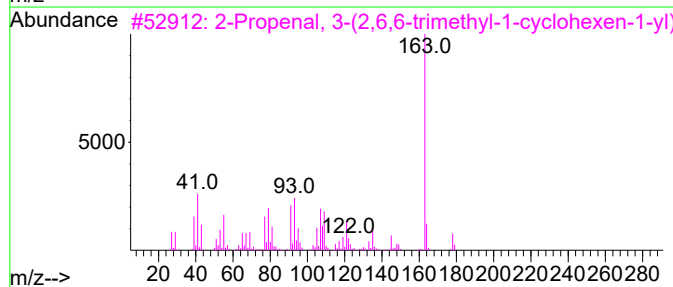
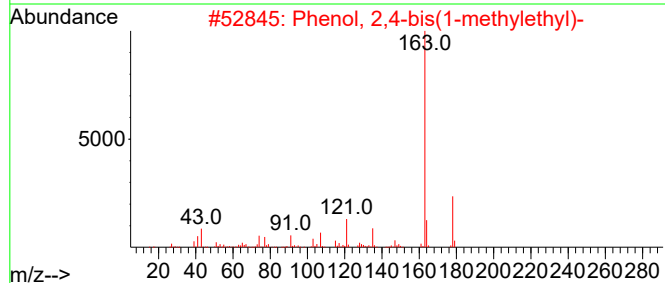
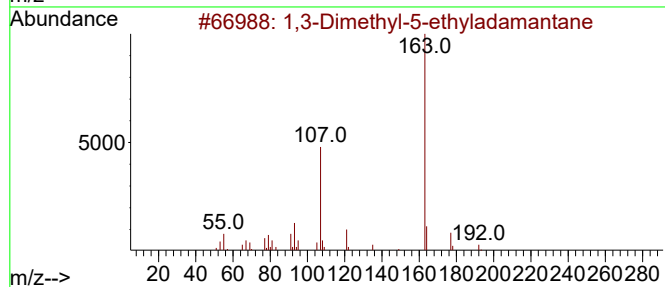
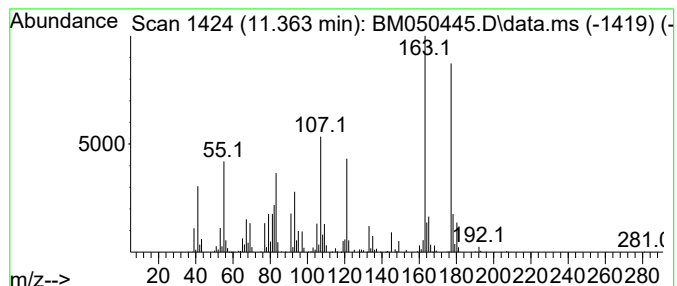
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.363 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	7.50 ng	2496310	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	43
2			Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	38
3			2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	35
4			1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	35
5			Benzaldehyde diisopentyl acetal	264	C17H28O2	1010431-61-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
Operator : RC/JU
Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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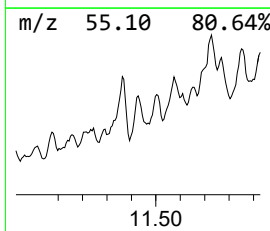
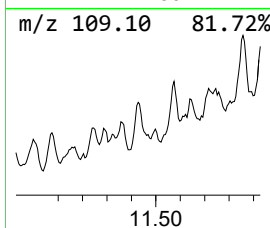
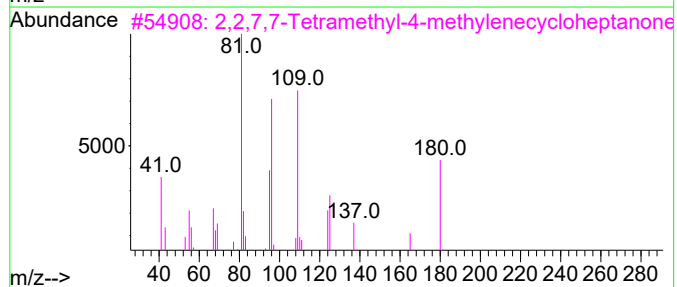
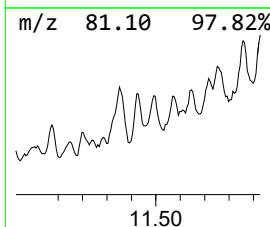
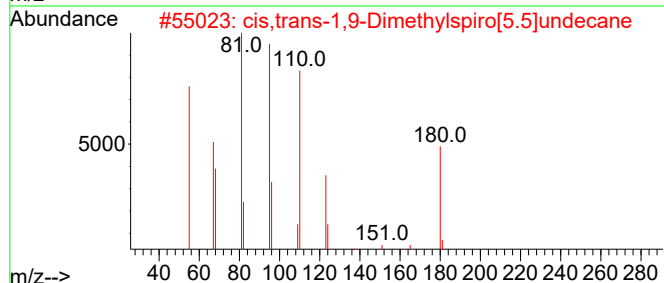
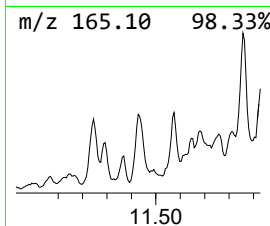
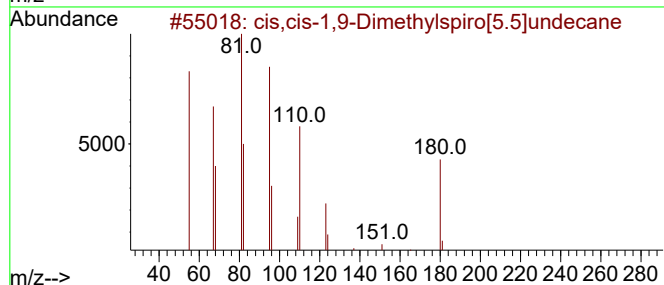
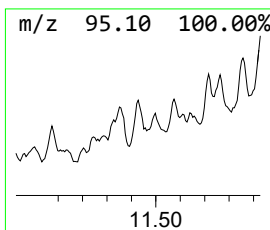
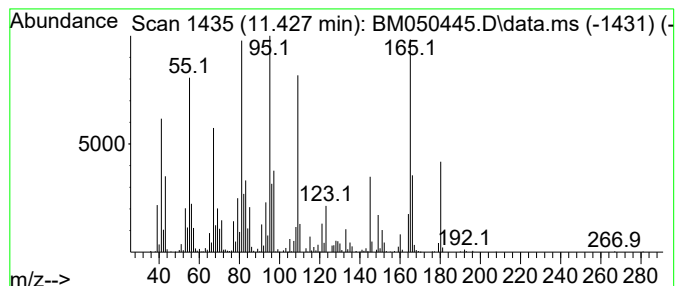
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 cis,cis-1,9-Dimethylspiro[5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.427	4.49 ng	1493580	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	55
2			cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	45
3			2,2,7,7-Tetramethyl-4-methylenec...	180	C12H20O	1000424-29-1	43
4			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	38
5			2-Hexen-4-yn-1-ol, (E)-	96	C6H8O	053497-80-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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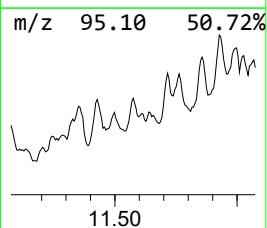
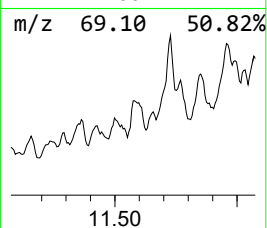
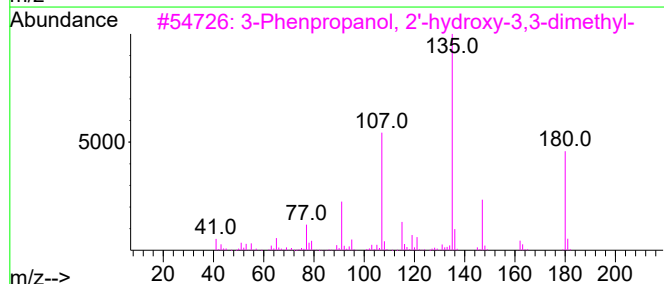
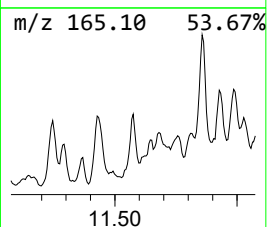
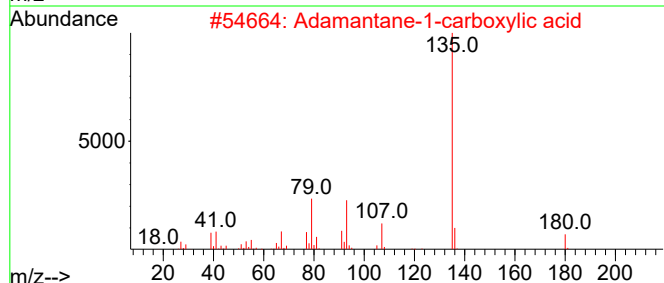
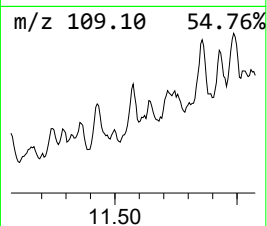
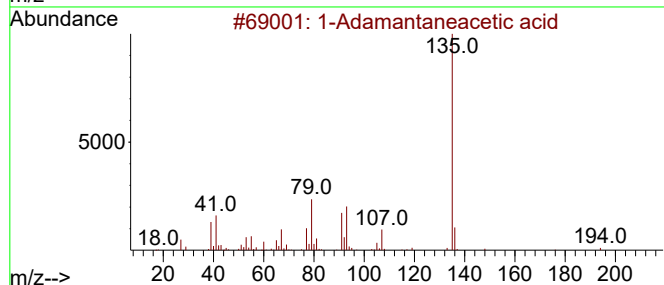
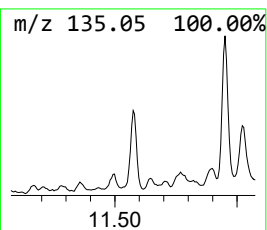
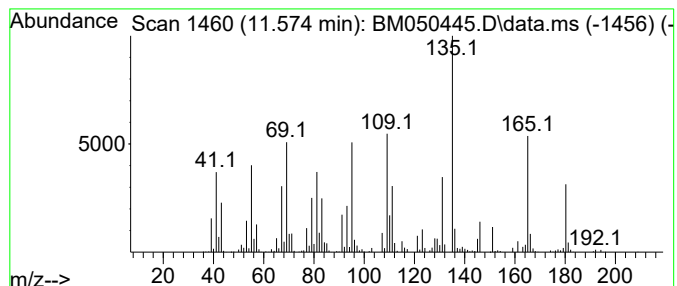
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown11.575 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.575	5.13 ng	1708390	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Adamantaneacetic acid	194	C12H18O2	004942-47-6	35
2			Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	30
3			3-Phenpropanol, 2'-hydroxy-3,3-d...	180	C11H16O2	040614-20-8	30
4			Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	25
5			Piperonyl ethyl ether	180	C10H12O3	1000378-91-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
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Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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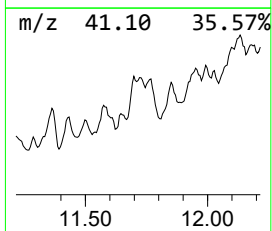
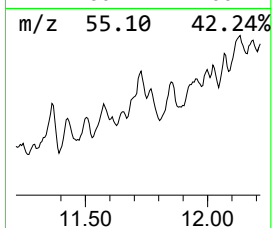
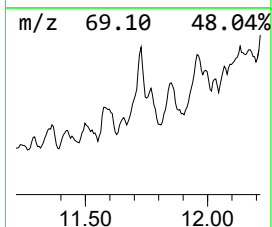
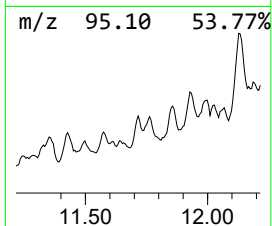
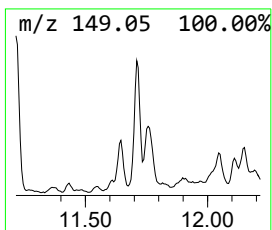
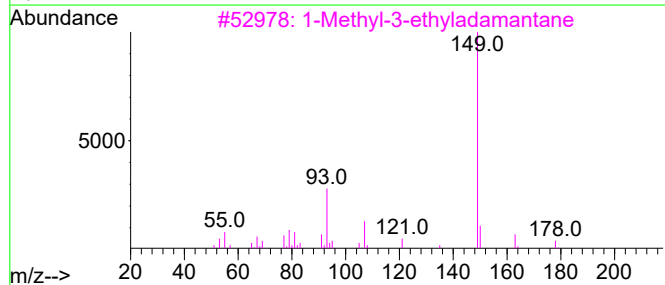
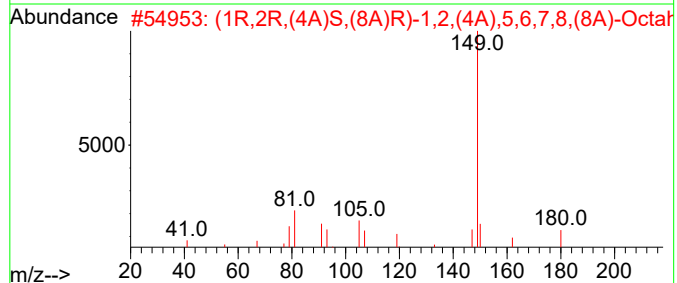
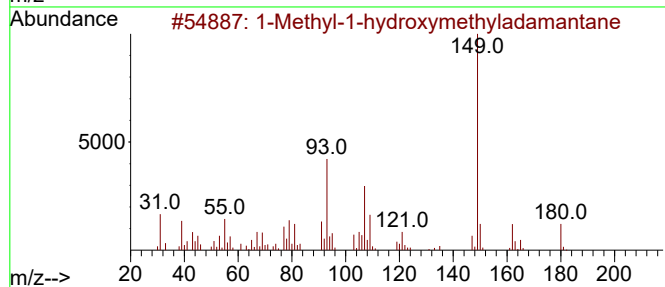
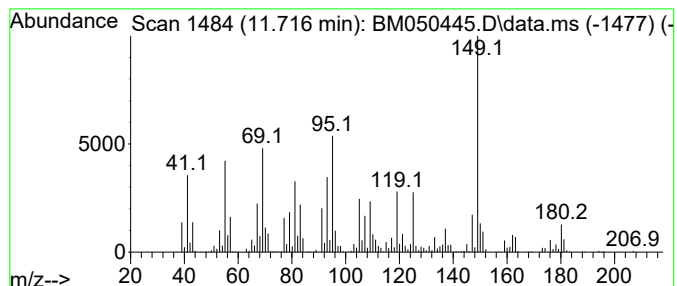
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.716 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	11.29 ng	3757090	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-1-hydroxymethyladamantane	180	C12H20O	001200-78-8	43
2			(1R,2R,(4A)S,(8A)R)-1,2,(4A),5,6...	180	C12H20O	1000434-46-5	43
3			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	42
4			Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	38
5			Benzene, 1-isocyanato-3-methoxy-	149	C8H7NO2	018908-07-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
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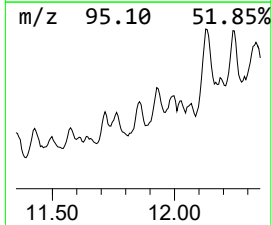
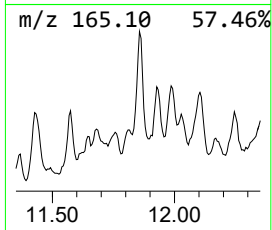
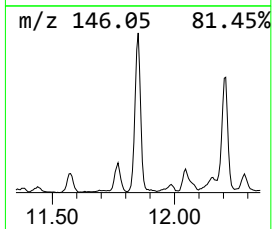
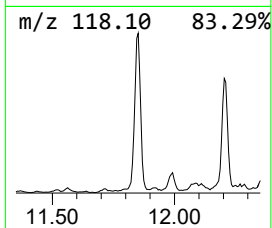
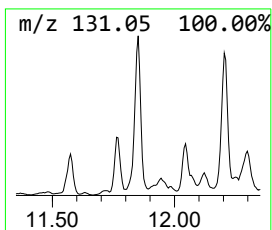
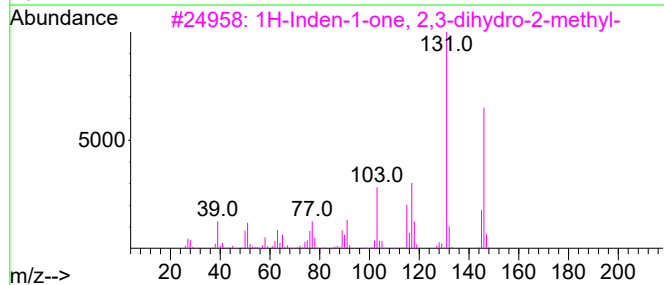
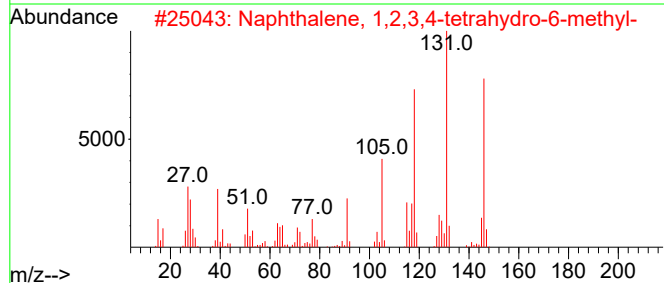
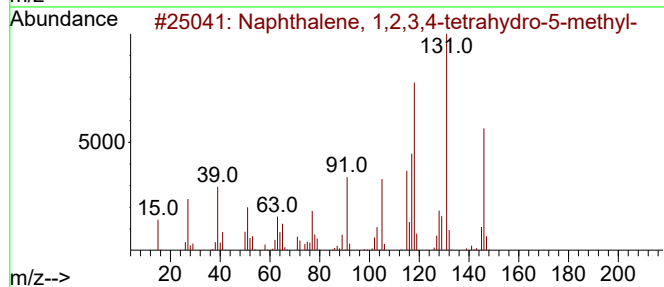
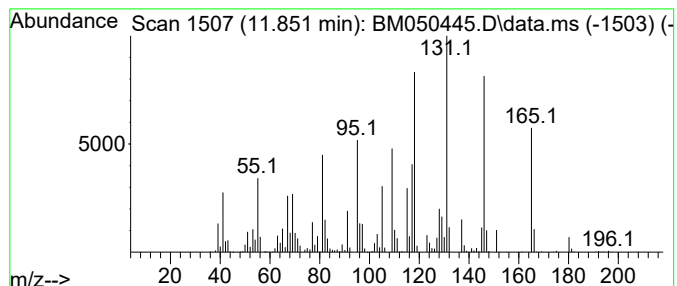
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.27 ng	2087780	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	83
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	78
3			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	46
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	42
5			Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
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ClientSampleId :
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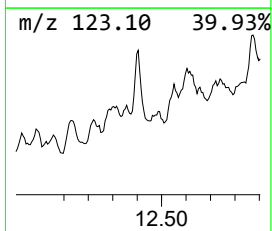
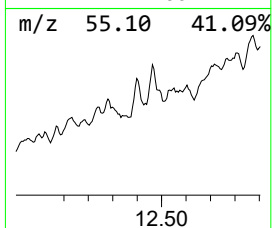
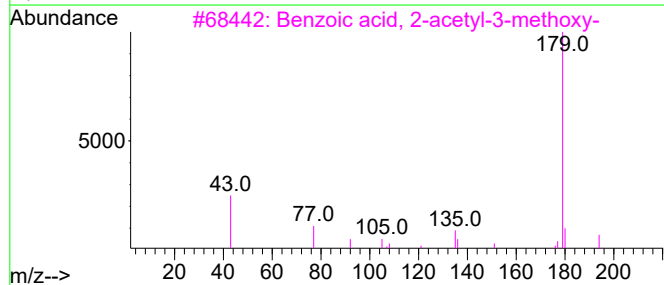
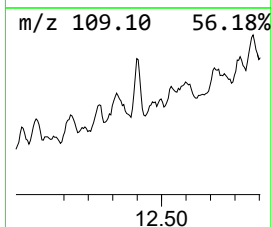
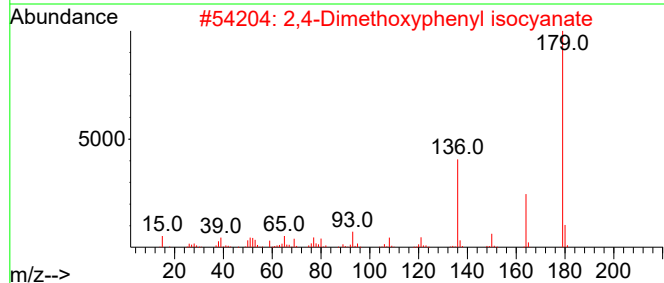
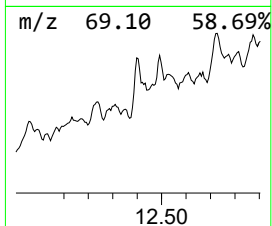
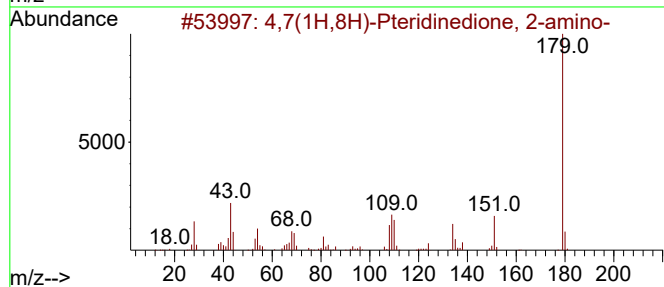
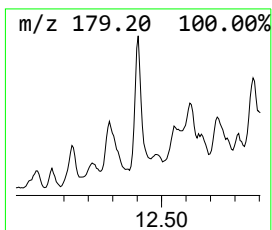
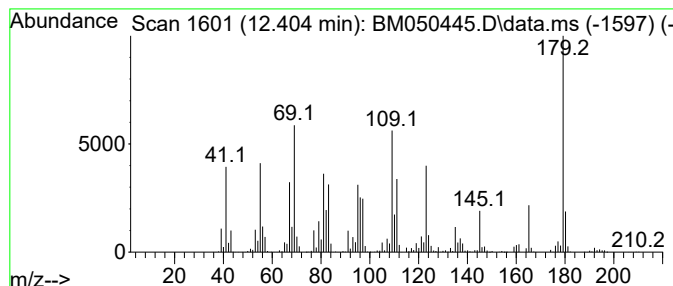
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.404 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	10.46 ng	3482720	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7(1H,8H)-Pteridinedione, 2-amino-	179	C6H5N5O2	000529-69-1	22		
2	2,4-Dimethoxyphenyl isocyanate	179	C9H9NO3	084370-87-6	18		
3	Benzoic acid, 2-acetyl-3-methoxy-	194	C10H10O4	120714-42-3	14		
4	3,5-Dimethyl-1-hexylpyrazole	180	C11H20N2	024475-41-0	14		
5	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	14		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
Operator : RC/JU
Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

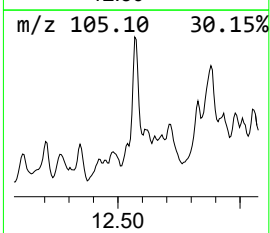
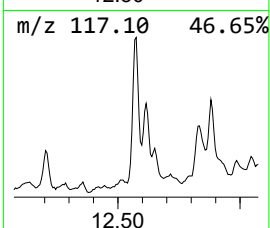
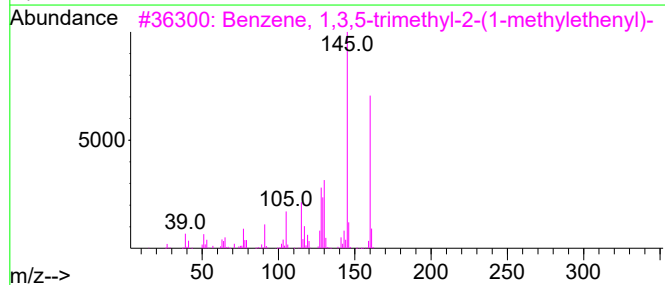
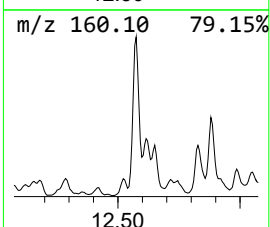
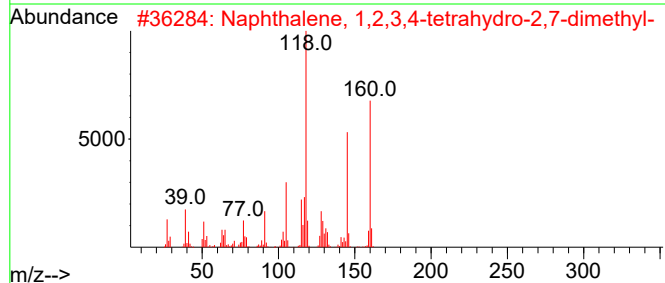
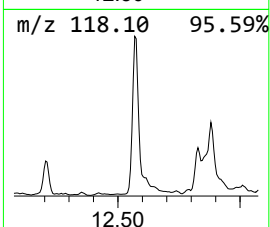
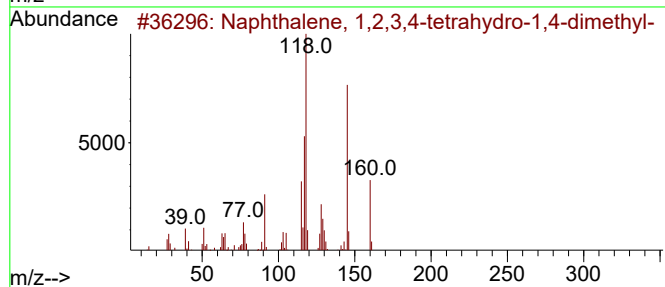
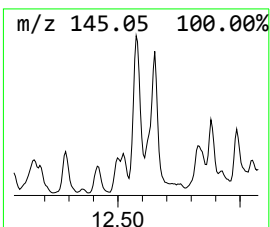
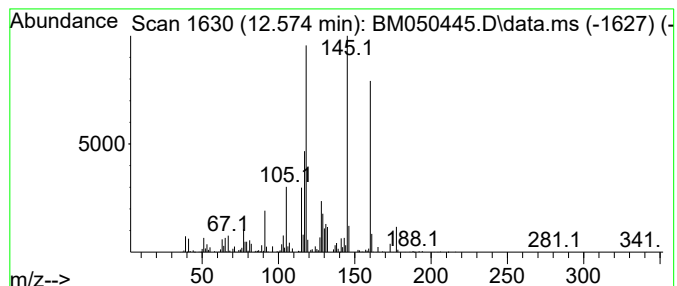
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	7.07 ng	2353250	Naphthalene-d8	10.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	70
3			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050445.D
Acq On : 15 Jul 2025 03:31
Operator : RC/JU
Sample : Q2565-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-25-0180

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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...	3.046	7.1	ng	1041010	1	7.863	2922190	20.0
Naphthalene, de...	9.851	2.8	ng	947097	2	10.657	6658160	20.0
2-Methyladamantane	10.545	4.0	ng	1337310	2	10.657	6658160	20.0
1,4-Dimethylada...	10.792	3.0	ng	982589	2	10.657	6658160	20.0
1,6,6-Trimethyl...	11.075	3.4	ng	1141480	2	10.657	6658160	20.0
Tricyclo[4.3.1....	11.216	7.4	ng	2452990	2	10.657	6658160	20.0
unknown11.363	11.363	7.5	ng	2496310	2	10.657	6658160	20.0
cis,cis-1,9-Dim...	11.427	4.5	ng	1493580	2	10.657	6658160	20.0
unknown11.575	11.575	5.1	ng	1708390	2	10.657	6658160	20.0
unknown11.716	11.716	11.3	ng	3757090	2	10.657	6658160	20.0
Naphthalene, 1,...	11.851	6.3	ng	2087780	2	10.657	6658160	20.0
unknown12.404	12.404	10.5	ng	3482720	2	10.657	6658160	20.0
Naphthalene, 1,...	12.574	7.1	ng	2353250	2	10.657	6658160	20.0