

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025584.D
 Acq On : 26 Aug 2025 13:51
 Operator : CG/JU
 Sample : Q2932-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0002-SOIL

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025584.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	28	rVB	1043616	1565133	9.46%	1.710%
2	4.937	334	340	349	rVB	301521	451930	2.73%	0.494%
3	5.408	411	420	429	rBV	2306782	3491400	21.11%	3.815%
4	6.966	677	685	698	rBV	2115848	3603905	21.79%	3.938%
5	7.778	816	823	829	rBV	907246	1467632	8.87%	1.604%
6	8.919	1010	1017	1023	rBV	1512497	2586628	15.64%	2.826%
7	9.202	1059	1065	1078	rVB7	173411	487444	2.95%	0.533%
8	9.478	1100	1112	1120	rVB7	115679	381163	2.30%	0.416%
9	9.754	1150	1159	1165	rBV7	186416	573337	3.47%	0.626%
10	9.937	1182	1190	1195	rBV3	231183	495023	2.99%	0.541%
11	10.090	1208	1216	1227	rBV3	282464	870702	5.26%	0.951%
12	10.543	1285	1293	1299	rBV	1316120	2556967	15.46%	2.794%
13	11.237	1403	1411	1417	rBV8	327580	877273	5.30%	0.959%
14	11.301	1417	1422	1428	rVV3	329548	704720	4.26%	0.770%
15	11.372	1430	1434	1440	rVB4	251908	498960	3.02%	0.545%
16	11.637	1477	1479	1486	rVB2	468558	725255	4.38%	0.792%
17	12.290	1584	1590	1595	rBV4	819902	1730317	10.46%	1.891%
18	12.348	1596	1600	1603	rBV2	412510	800163	4.84%	0.874%
19	12.748	1664	1668	1672	rBV7	631051	1270832	7.68%	1.389%
20	12.831	1677	1682	1687	rVB	2035395	3517858	21.27%	3.844%
21	12.995	1704	1710	1719	rVB2	4110814	7711033	46.62%	8.425%
22	13.178	1736	1741	1748	rBV3	2866194	6053952	36.60%	6.615%
23	13.825	1846	1851	1858	rBV	7767144	16541585	100.00%	18.074%
24	14.237	1917	1921	1928	rVB	7313961	13023947	78.73%	14.230%
25	21.560	3163	3166	3175	rVB	4663081	7234502	43.74%	7.905%
26	22.930	3394	3399	3407	rVB	6275021	12301525	74.37%	13.441%

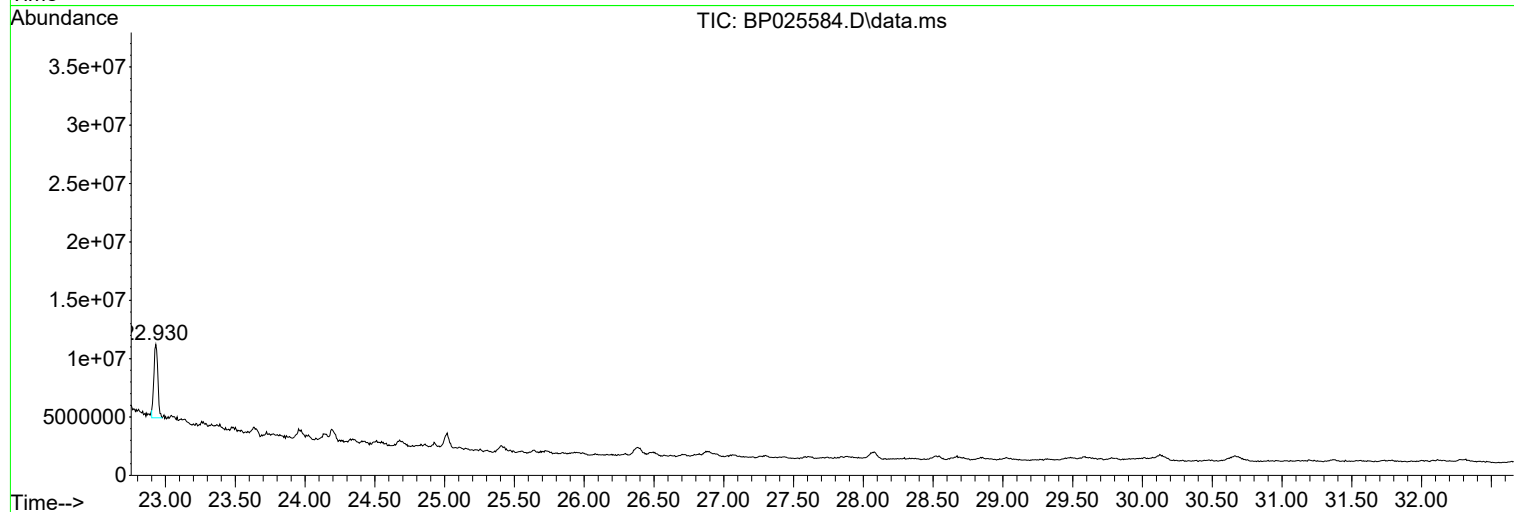
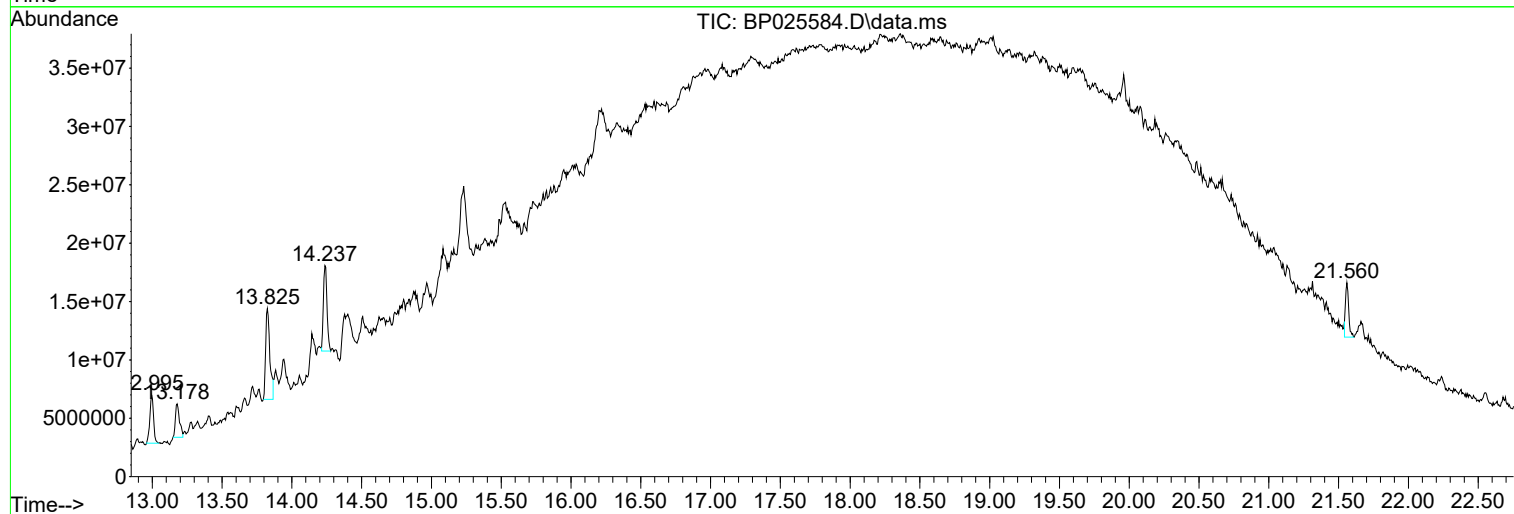
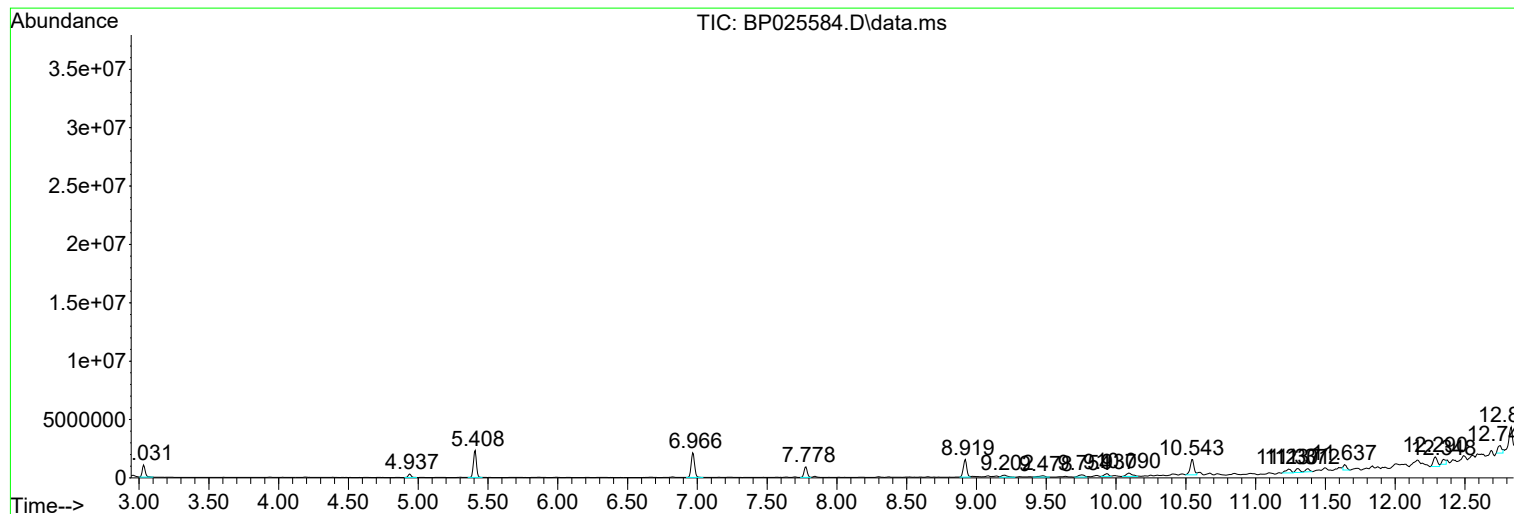
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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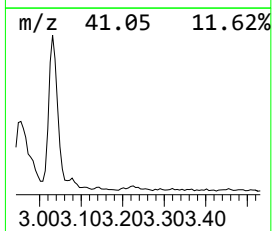
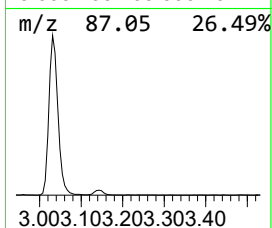
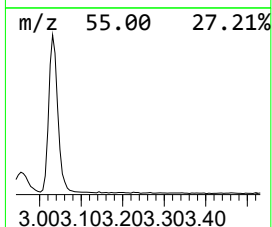
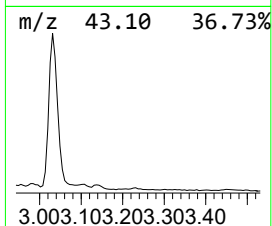
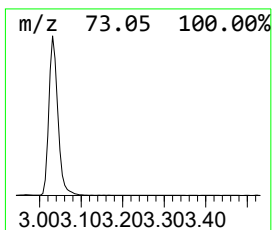
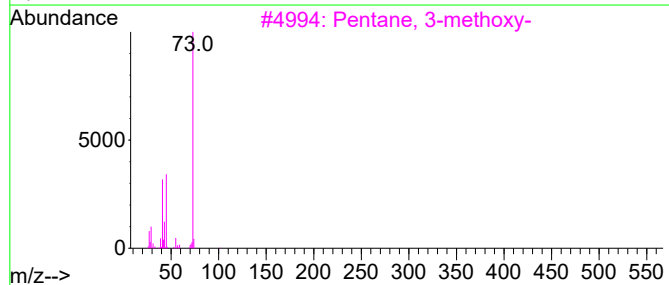
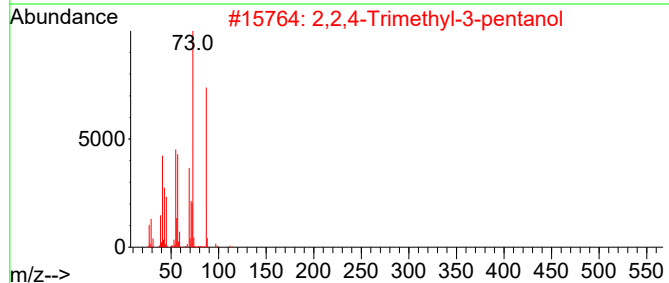
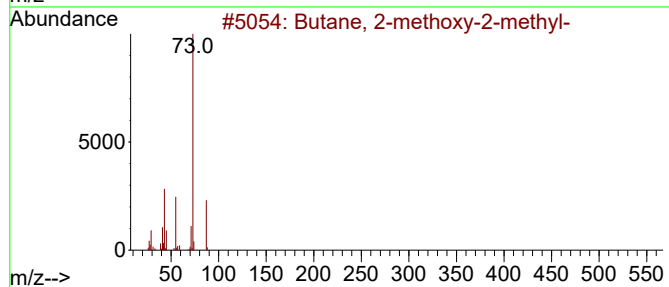
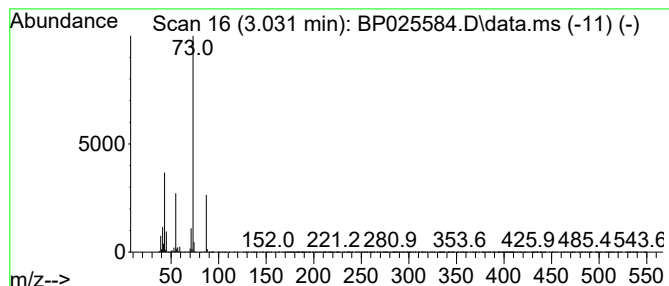
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	21.33 ng	1565130	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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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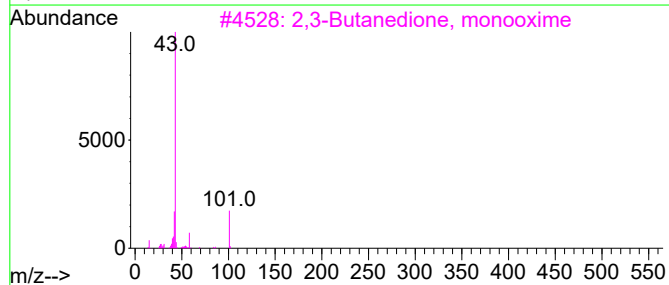
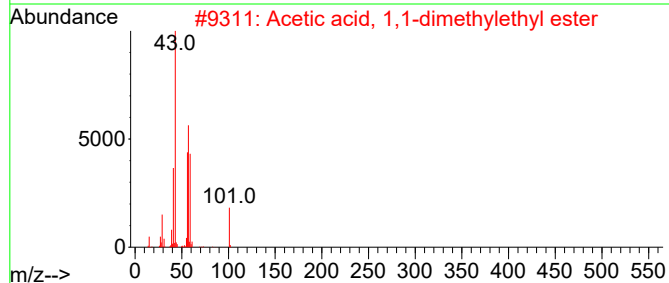
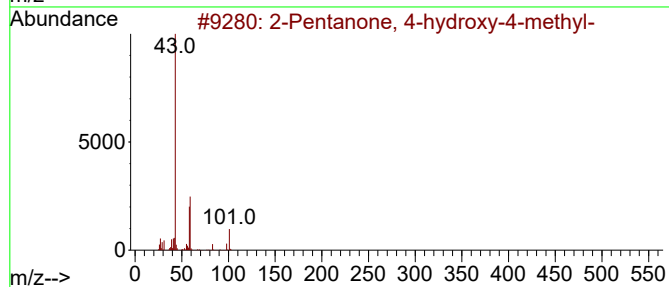
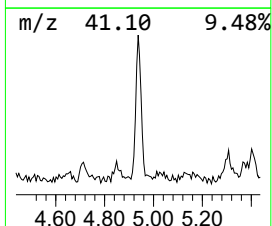
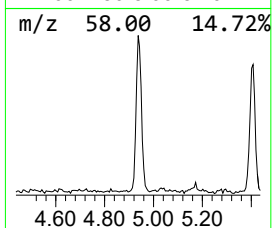
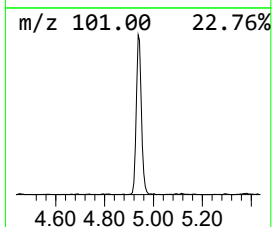
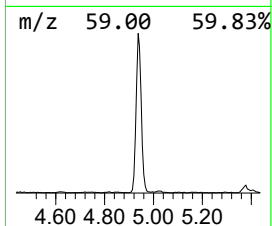
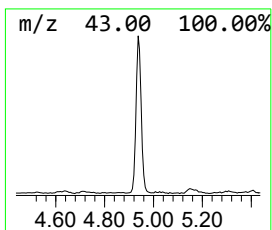
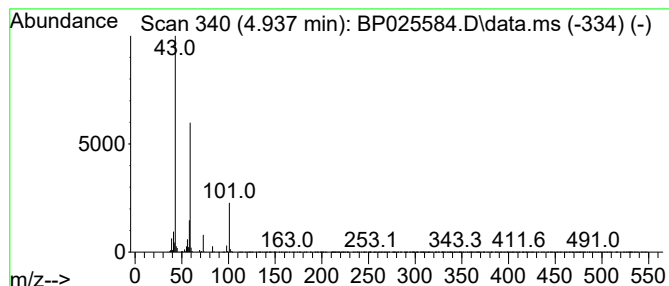
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	6.16 ng	451930	1,4-Dichlorobenzene-d4	7.778

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4			3-Pentanol	88	C5H12O	000584-02-1	25
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	25



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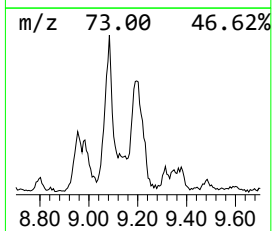
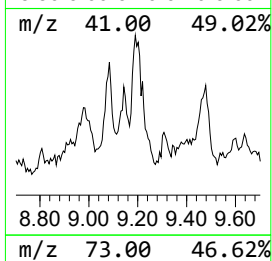
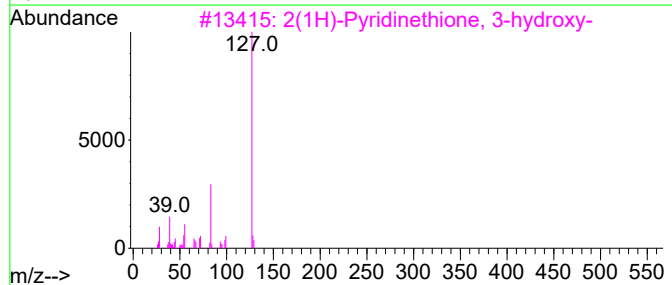
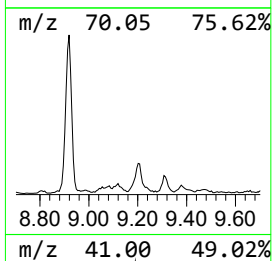
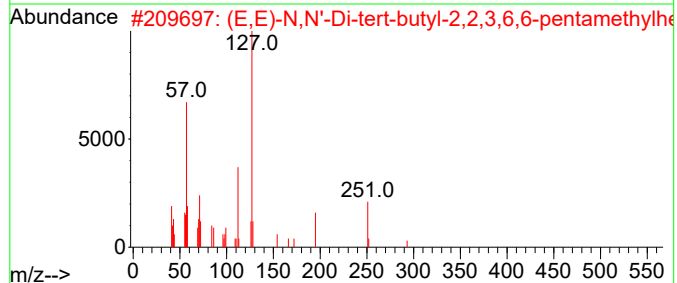
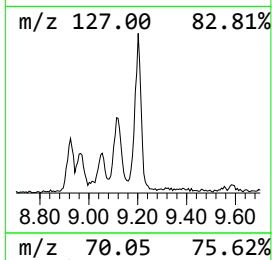
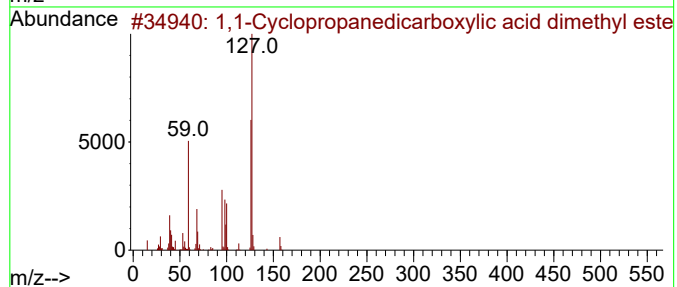
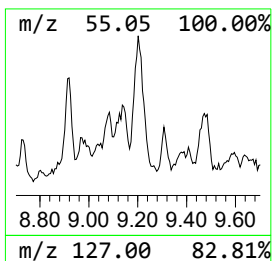
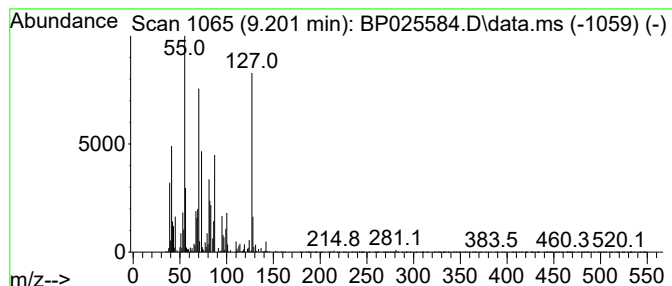
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown9.201 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.201	3.81 ng	487444	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Cyclopropanedicarboxylic aci...	158	C7H10O4	006914-71-2	27
2			(E,E)-N,N'-Di-tert-butyl-2,2,3,6...	308	C20H40N2	109106-16-3	16
3			2(1H)-Pyridinethione, 3-hydroxy-	127	C5H5NOS	023003-22-7	16
4			Tetramethylcyclopropane-1-carbox...	142	C8H14O2	015641-58-4	16
5			2-(Allylamino)ethanol	101	C5H11NO	002424-00-2	14



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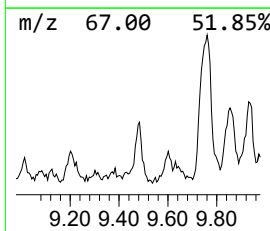
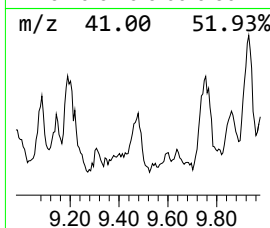
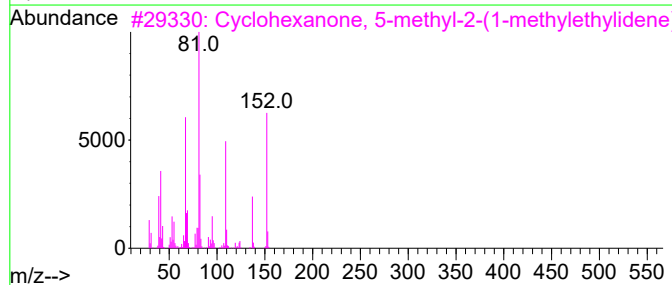
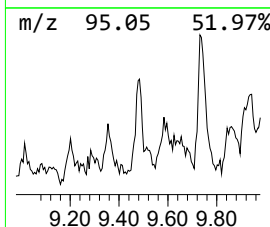
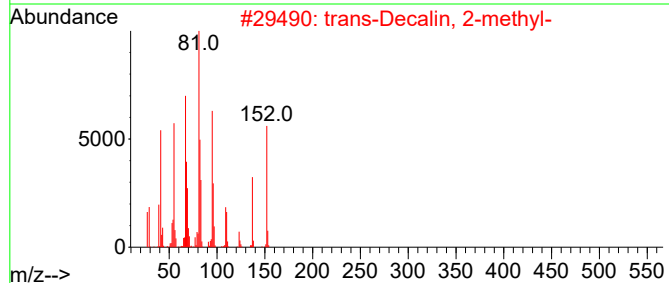
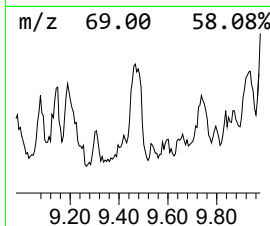
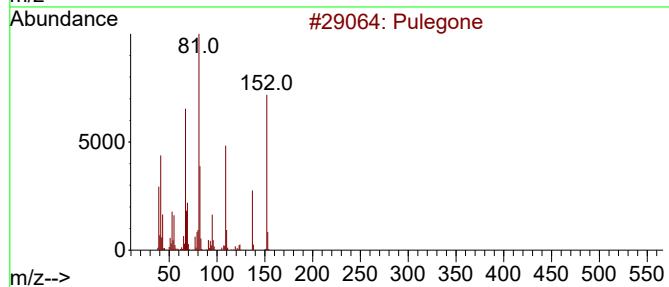
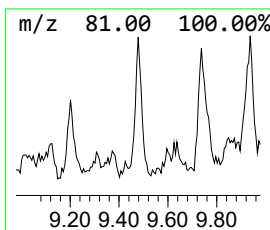
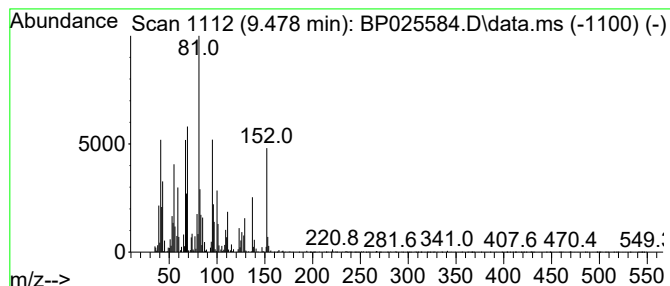
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Peak Number 4 Pulegone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.478	2.98 ng	381163	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pulegone	152	C10H16O	000089-82-7	83
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
4			7-Oxabicyclo[4.3.0]nonane, cis-	126	C8H14O	013149-01-4	53
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	53



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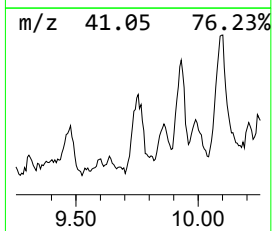
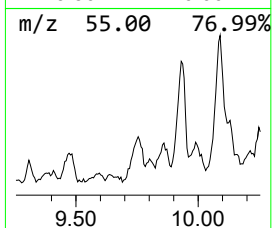
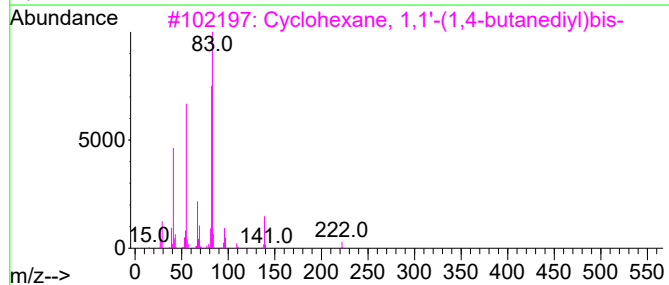
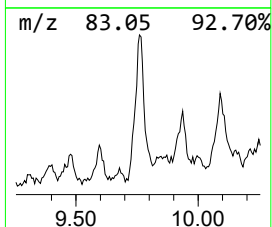
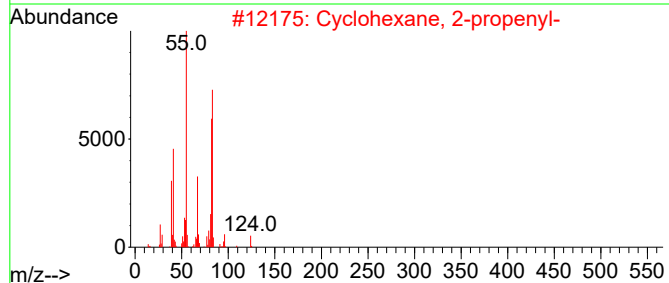
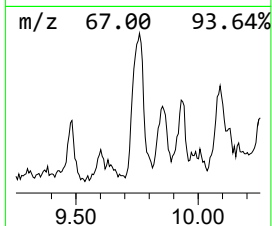
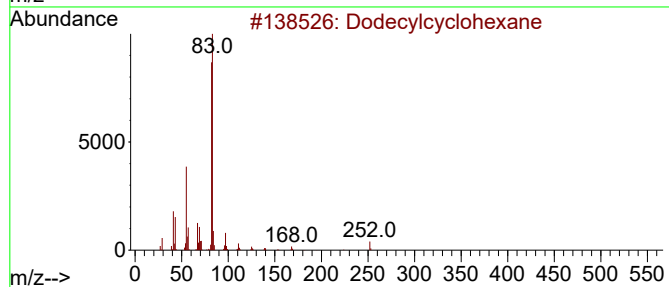
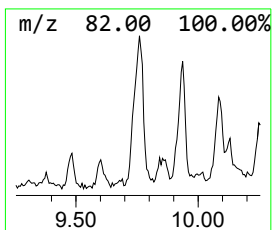
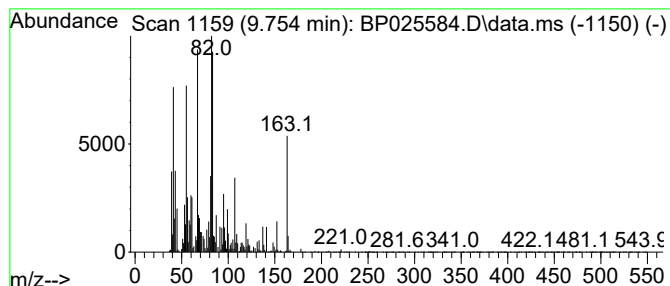
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Peak Number 5 unknown9.754 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.754	4.48 ng	573337	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecylcyclohexane	252	C18H36	001795-17-1	38
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	35
4			Cyclohexane, 1,1'-(1,2-ethanediyl)-	194	C14H26	003321-50-4	35
5			2,4-Hexadiene, (E,Z)-	82	C6H10	005194-50-3	30



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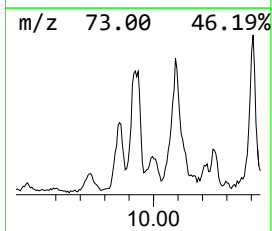
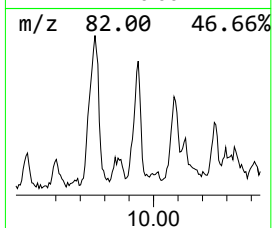
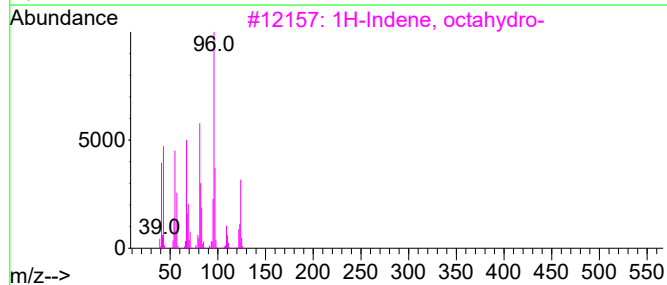
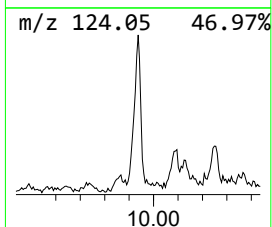
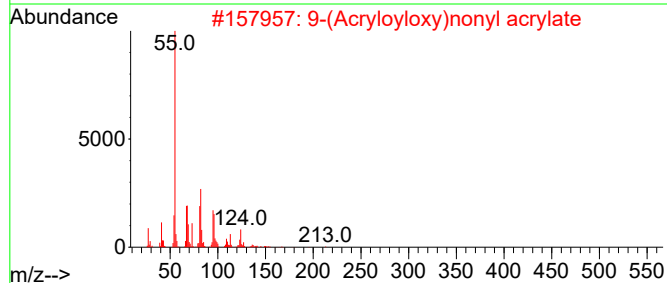
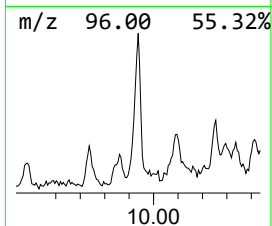
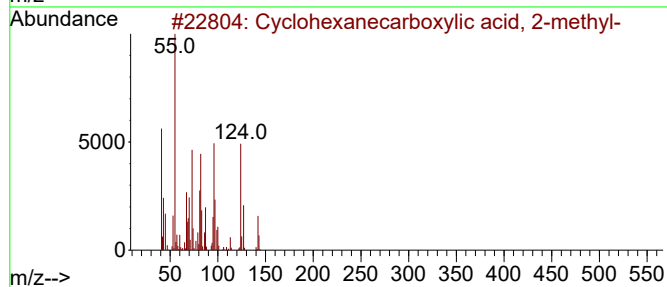
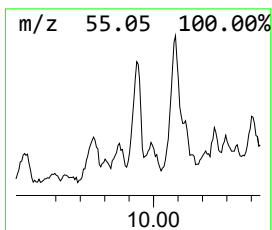
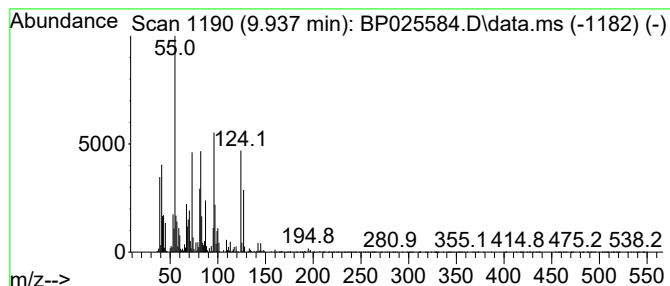
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexanecarboxylic acid,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.937	3.87 ng	495023	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanecarboxylic acid, 2-me...	142	C8H14O2	056586-13-1	72
2			9-(Acryloyloxy)nonyl acrylate	268	C15H24O4	107481-28-7	38
3			1H-Indene, octahydro-	124	C9H16	000496-10-6	27
4			Fumaric acid, dicyclohexylmethyl...	308	C18H28O4	1000345-05-9	27
5			4-Oxazolecarboxylic acid, Me der...	127	C5H5N O3	1000496-77-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0002-SOIL

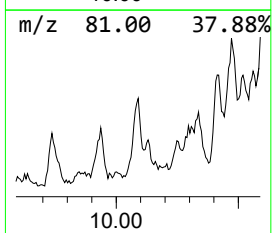
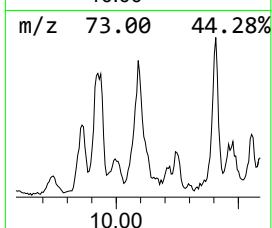
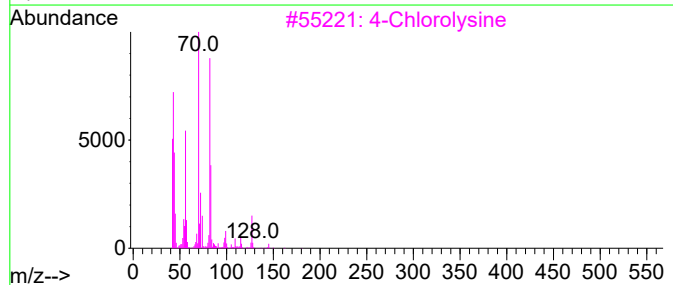
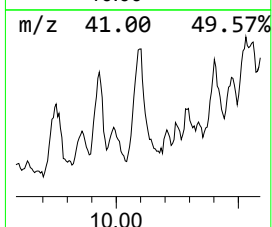
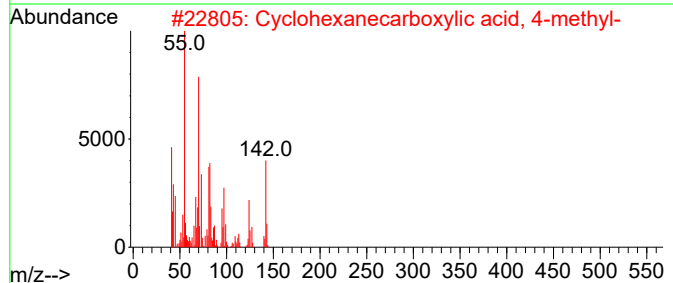
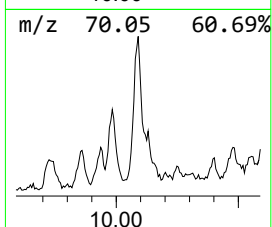
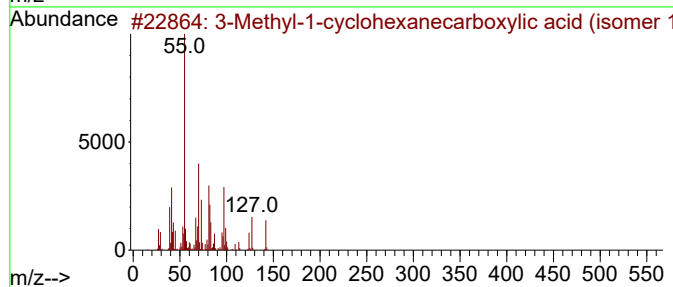
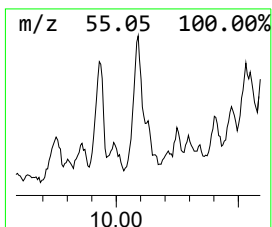
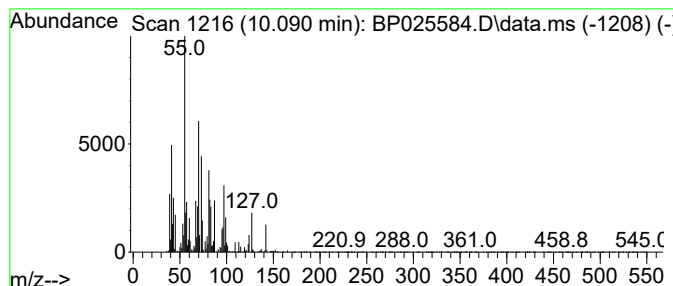
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3-Methyl-1-cyclohexanecarbo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.090	6.81 ng	870702	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-1-cyclohexanecarboxylic...	142	C8H14O2	1000453-57-0	70
2			Cyclohexanecarboxylic acid, 4-me...	142	C8H14O2	004331-54-8	47
3			4-Chlorolysine	180	C6H13ClN2O2	1000130-39-2	25
4			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	22
5			Cycloheptanemethanol	128	C8H16O	004448-75-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
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Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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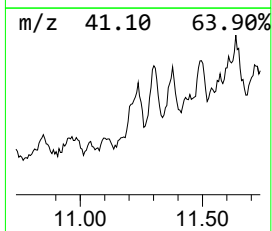
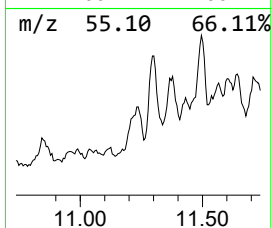
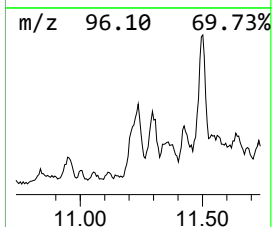
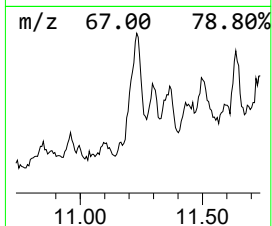
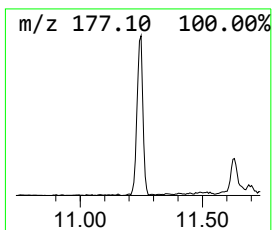
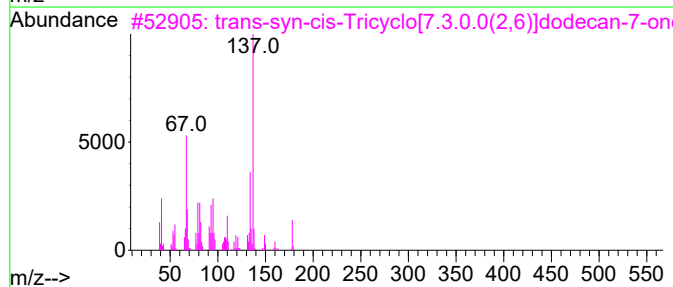
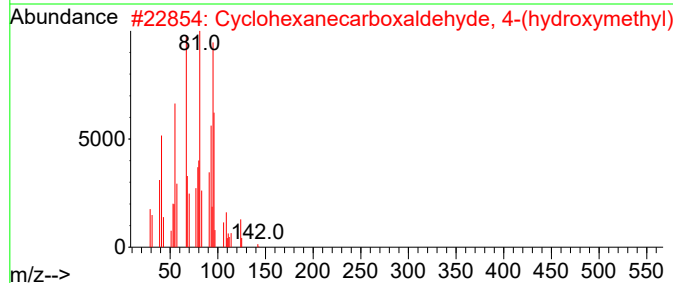
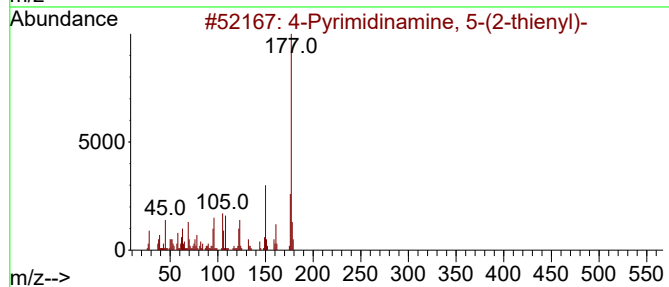
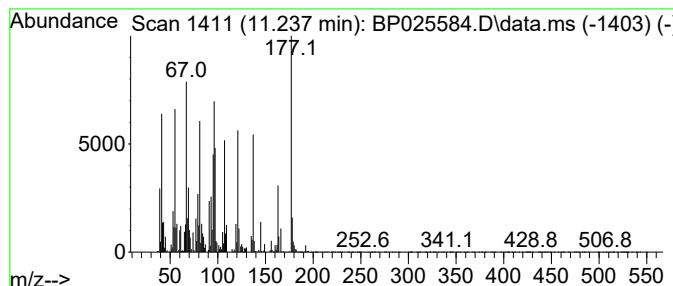
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.237 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.237	6.86 ng	877273	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Pyrimidinamine, 5-(2-thienyl)-	177	C8H7N3S	058758-95-5	30
2			Cyclohexanecarboxaldehyde, 4-(hy...	142	C8H14O2	092385-32-5	30
3			trans-syn-cis-Tricyclo[7.3.0.0(2...	178	C12H18O	073306-78-2	30
4			1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	22
5			2,4-Dimethylfuran	96	C6H8O	003710-43-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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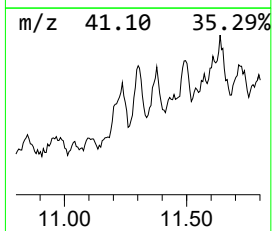
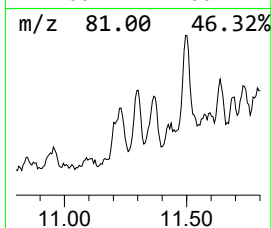
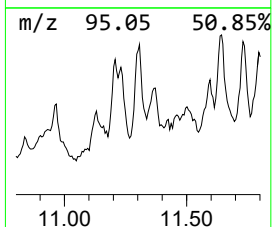
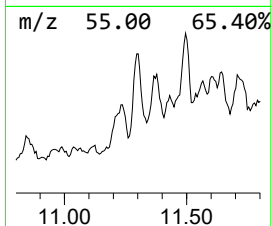
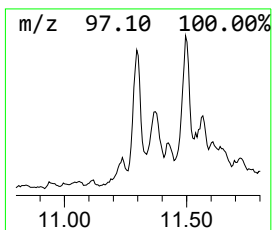
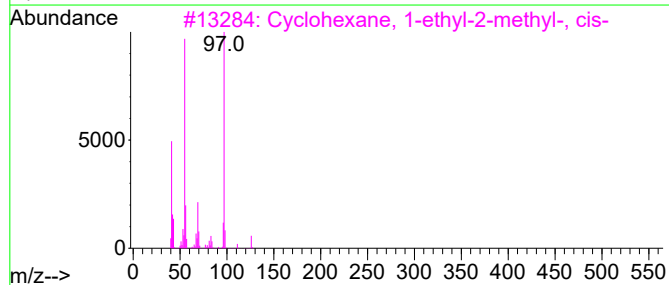
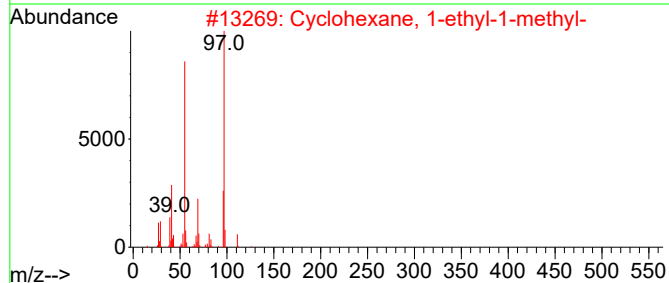
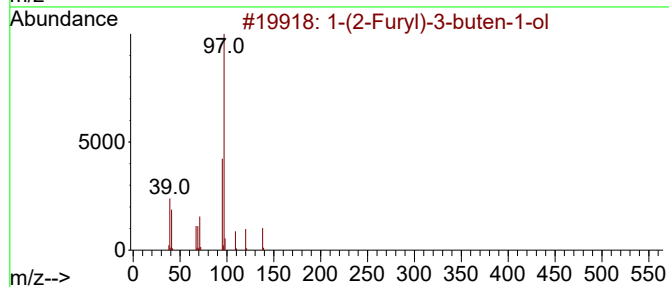
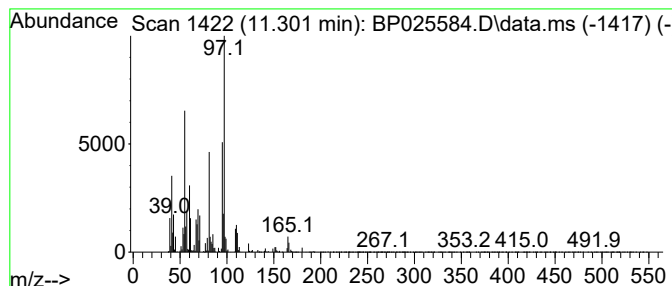
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-(2-Furyl)-3-buten-1-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.301	5.51 ng	704720	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2-Furyl)-3-buten-1-ol	138	C8H10O2	1000311-94-9	50
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	38
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38
4			4-Methylcyclohexanecetic acid (...)	156	C9H16O2	1000453-59-2	38
5			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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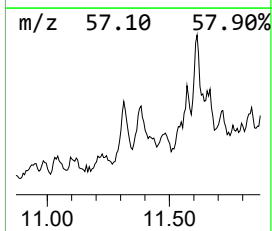
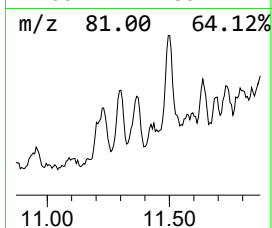
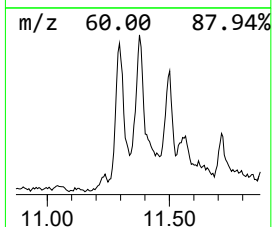
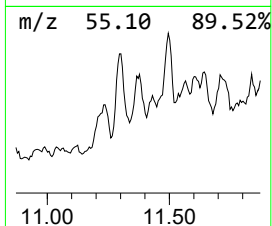
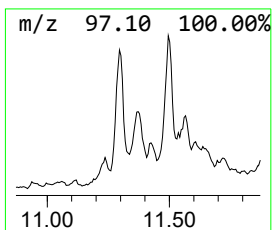
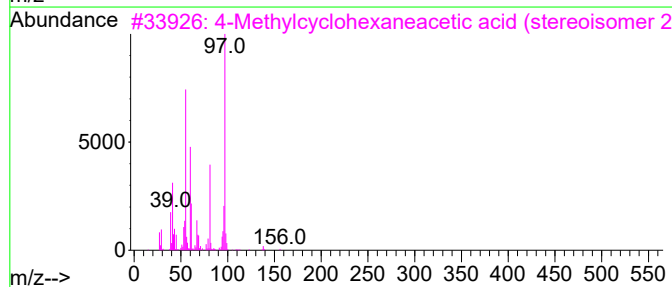
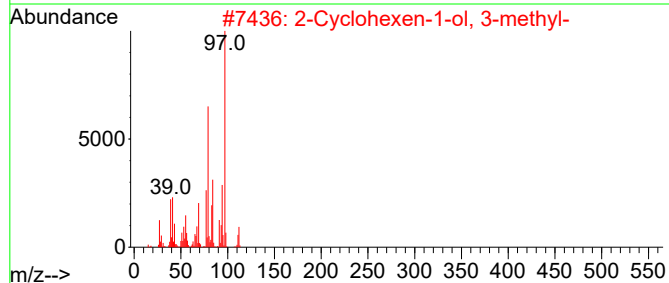
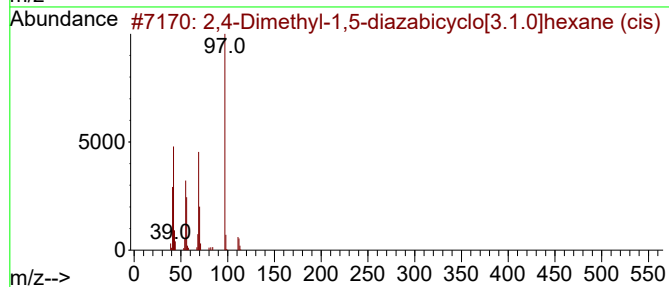
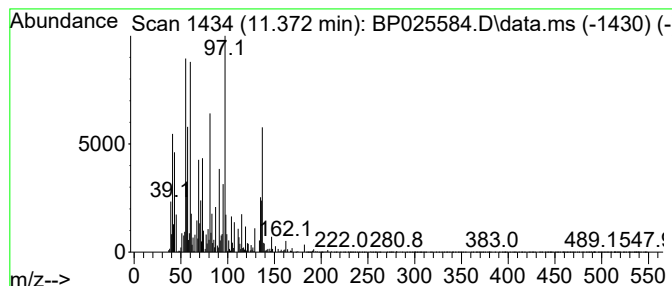
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.372 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.372	3.90 ng	498960	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethyl-1,5-diazabicyclo[3...]	112	C6H12N2	100463-01-2	18
2			2-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	021378-21-2	14
3			4-Methylcyclohexaneacetic acid (...]	156	C9H16O2	1000453-59-2	14
4			Heptanoic acid	130	C7H14O2	000111-14-8	14
5			Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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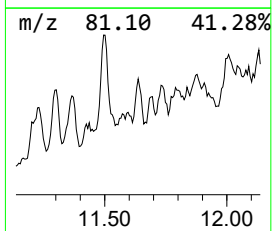
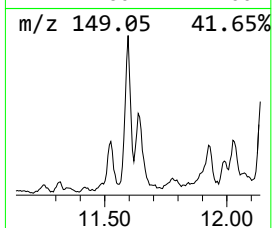
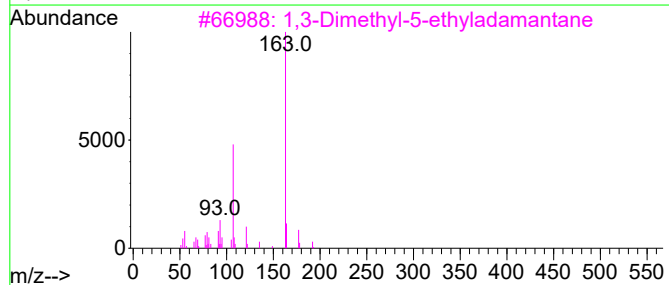
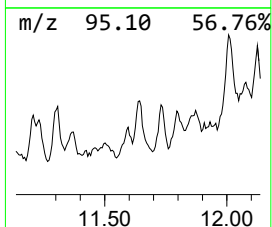
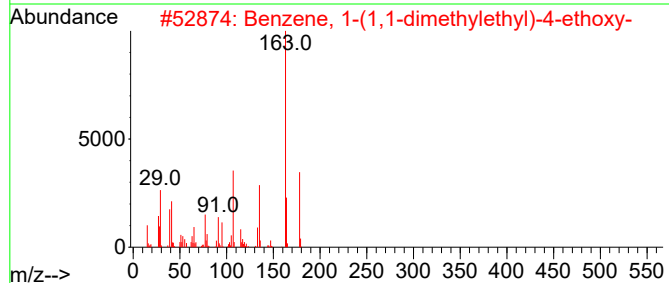
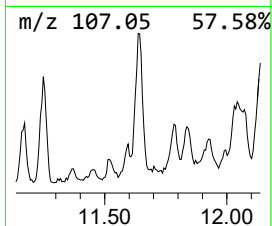
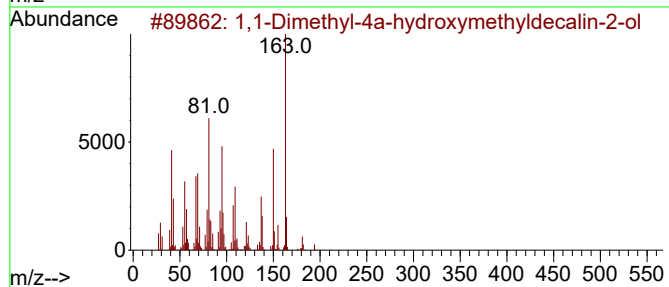
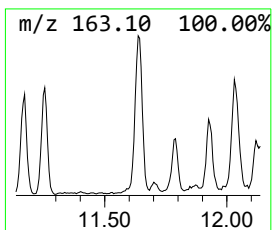
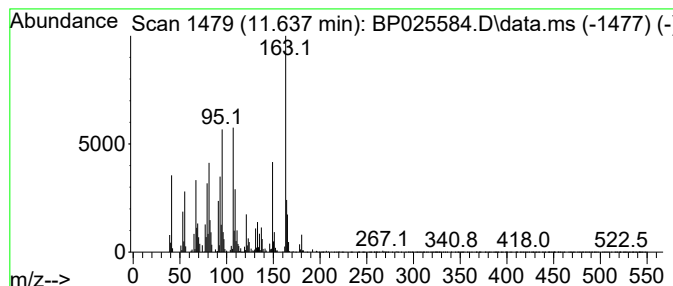
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.637 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.637	5.67 ng	725255	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1-Dimethyl-4a-hydroxymethyldec...	212	C13H24O2	1010196-01-9	47
2			Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	43
3			1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	38
4			l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	35
5			Phthalic acid, 5-methoxy-3-methy...	294	C16H22O5	1000314-88-2	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
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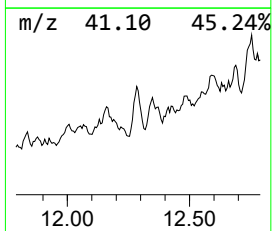
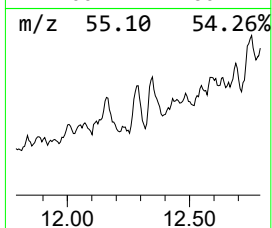
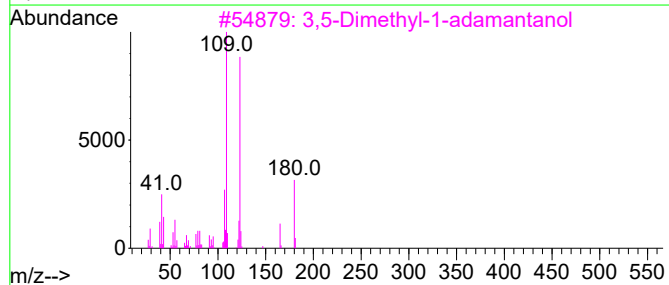
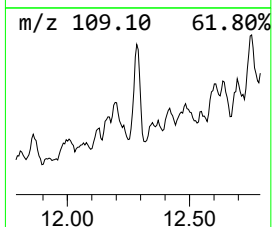
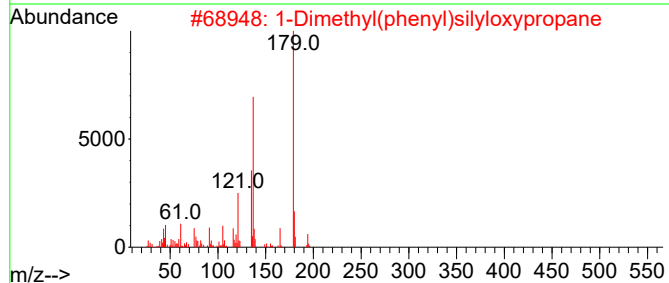
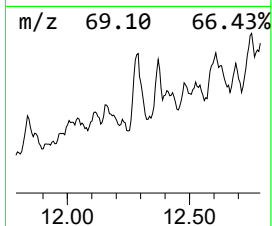
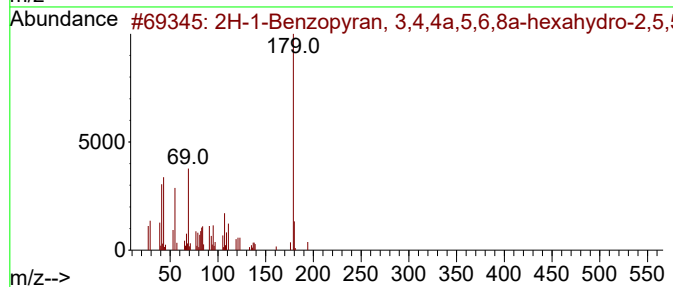
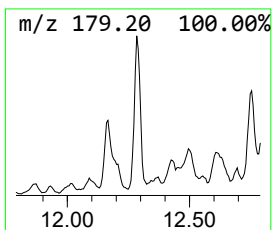
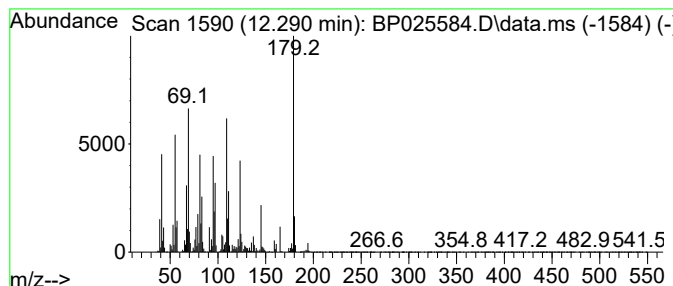
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ARS20-0002-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.290 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.290	13.53 ng	1730320	Naphthalene-d8	10.543
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194 C13H22O	041678-32-4 35
2		1-Dimethyl(phenyl)silyloxypropane	194 C11H18OSi	013360-21-9 22
3		3,5-Dimethyl-1-adamantanol	180 C12H20O	000707-37-9 22
4		Niacinamide, TMS derivative	194 C9H14N2OSi	1079394-06-1 18
5		2,4-Dimethoxyphenyl isocyanate	179 C9H9NO3	084370-87-6 18



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0002-SOIL

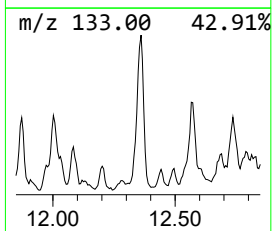
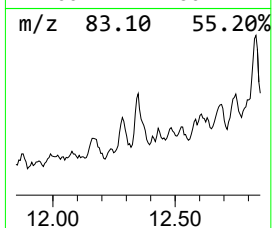
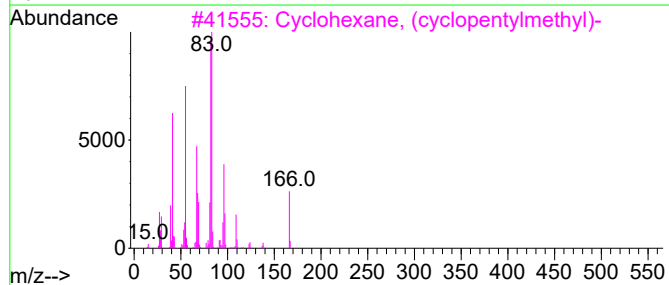
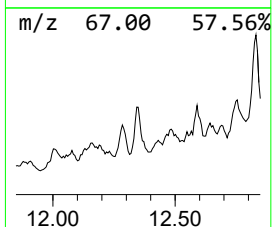
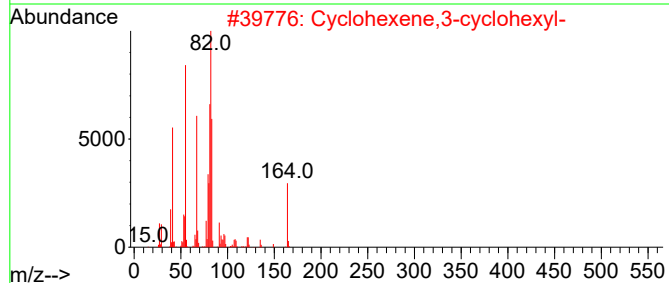
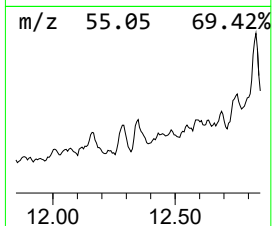
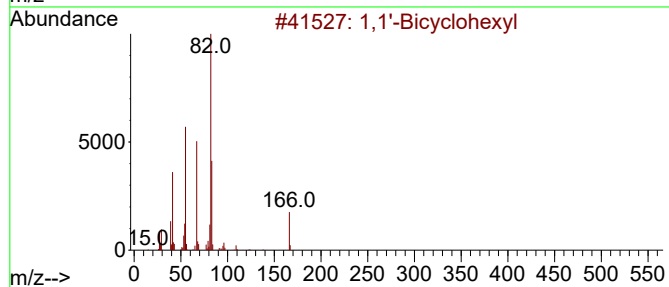
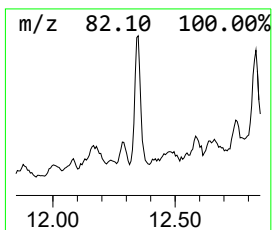
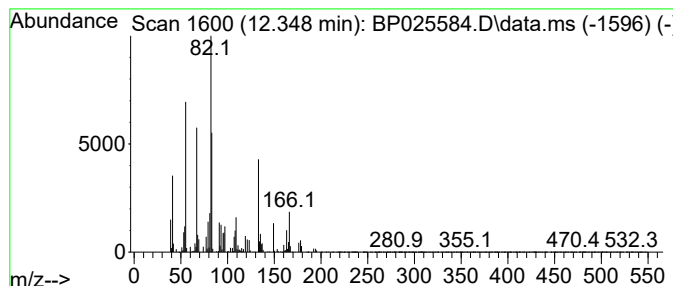
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1,1'-Bicyclohexyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.348	6.26 ng	800163	Naphthalene-d8	10.543

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	52
2	Cyclohexene,3-cyclohexyl-			164	C12H20	001808-09-9	50
3	Cyclohexane, (cyclopentylmethyl)-			166	C12H22	004431-89-4	43
4	4-Methyl-1,3-pentadiene			82	C6H10	000926-56-7	38
5	Germacyclopent-3-ene, 1,1-dichlo...			226	C6H10Cl2Ge	005764-64-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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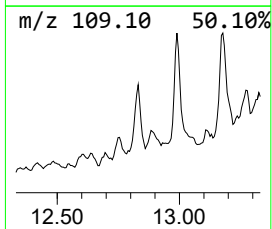
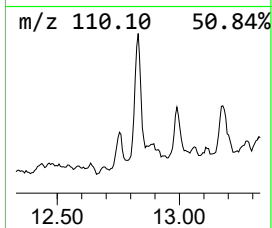
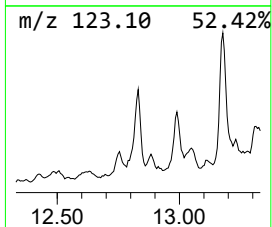
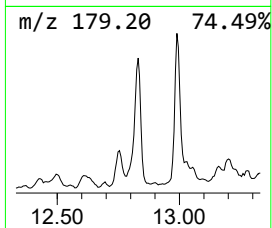
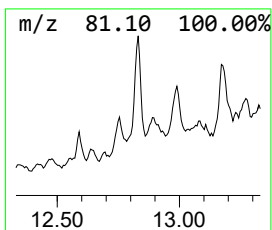
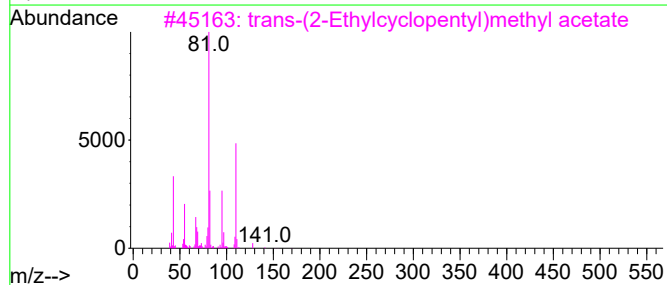
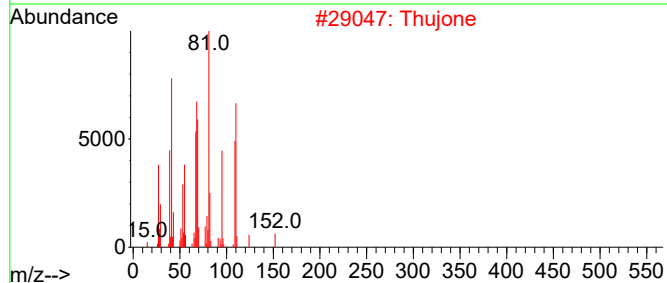
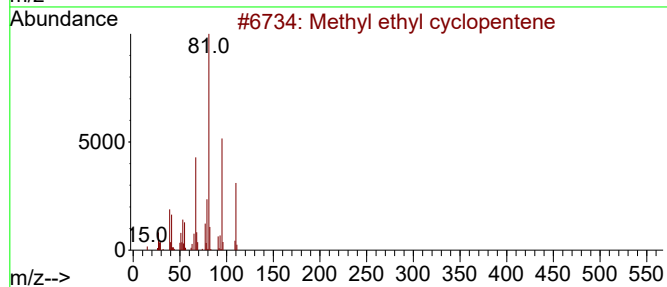
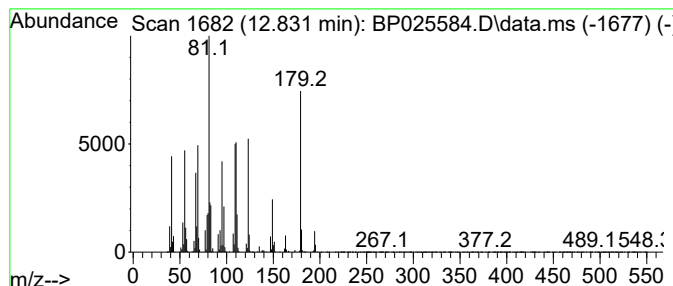
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.831 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	5.40 ng	3517860	Acenaphthene-d10	14.401

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	42
2		Thujone	152	C10H16O	000546-80-5	38
3		trans-(2-Ethylcyclopentyl)methyl...	170	C10H18O2	1000099-13-9	27
4		3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	25
5		2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

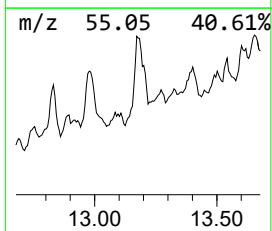
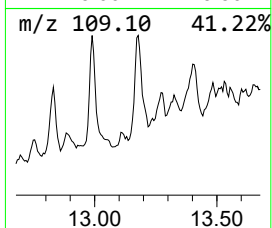
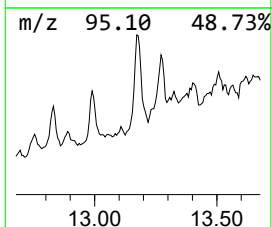
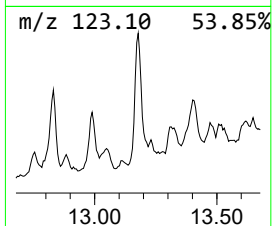
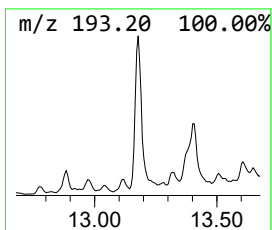
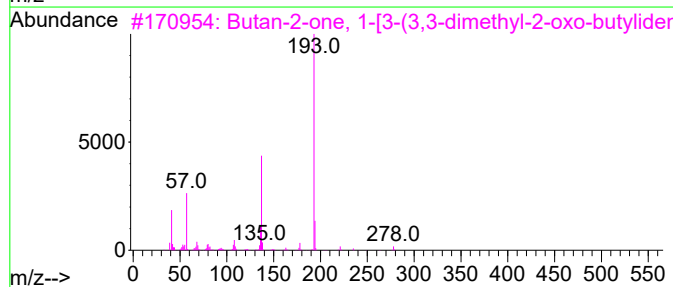
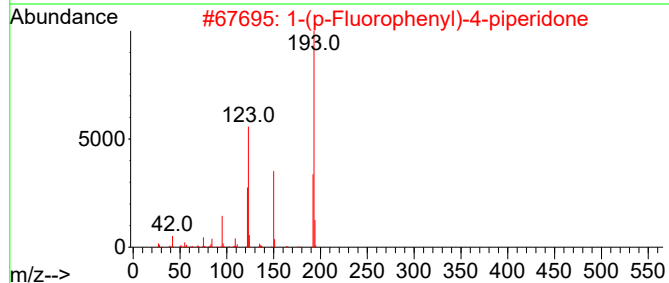
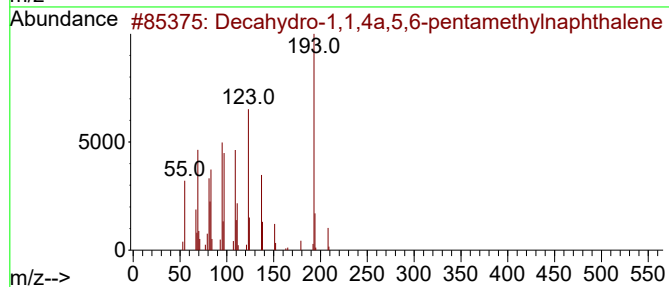
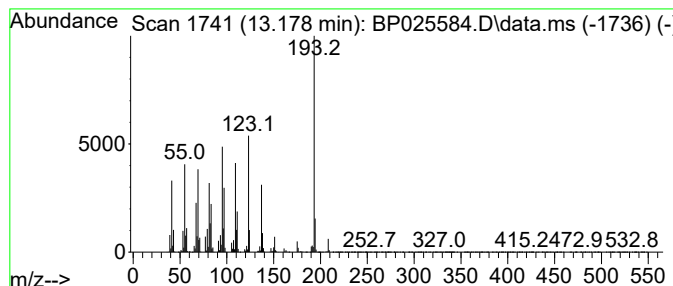
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.178	9.30 ng	6053950	Acenaphthene-d10	14.401	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	95
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	25
5	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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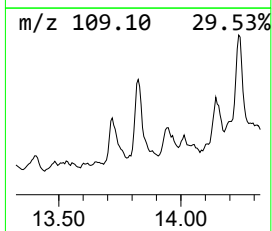
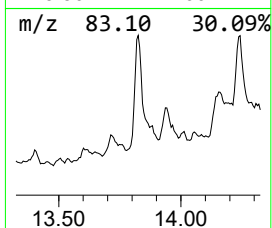
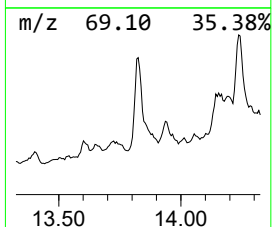
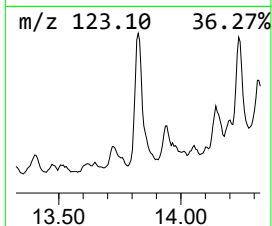
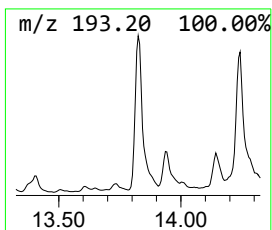
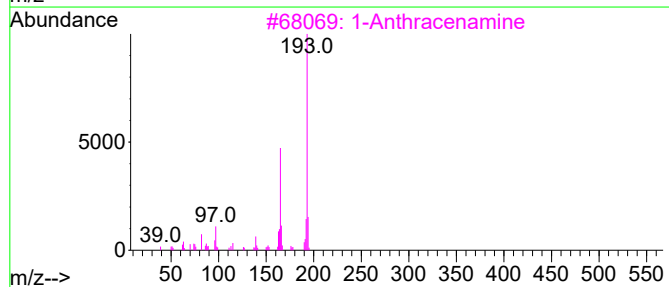
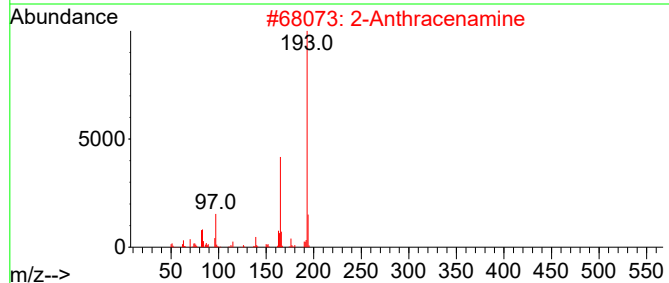
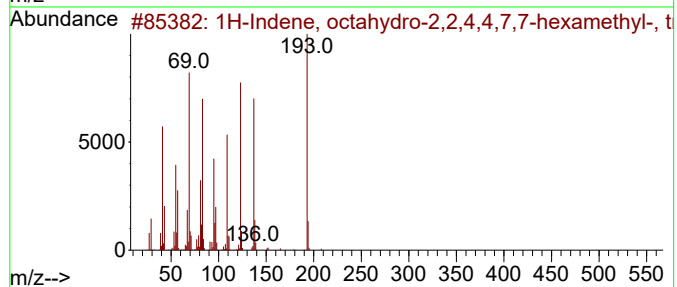
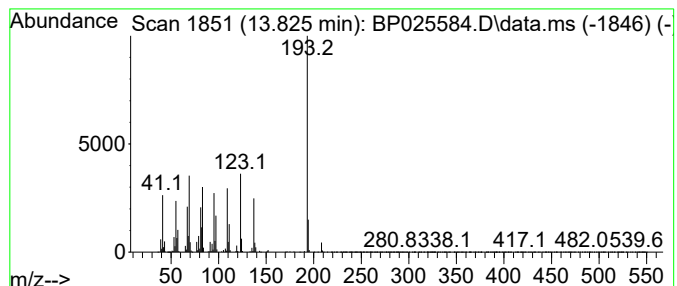
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.835 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.825	25.40 ng	16541600	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
2			2-Anthracenamine	193	C14H11N	000613-13-8	38
3			1-Anthracenamine	193	C14H11N	000610-49-1	38
4			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	38
5			9-Phenanthrenamine	193	C14H11N	000947-73-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

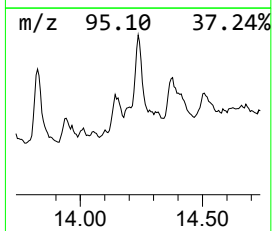
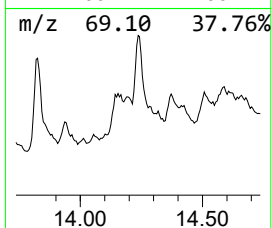
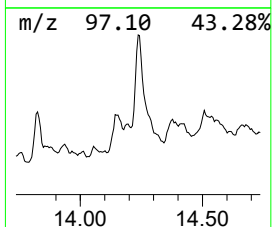
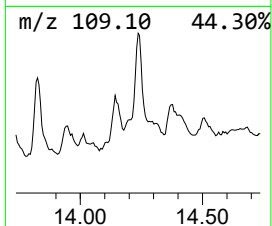
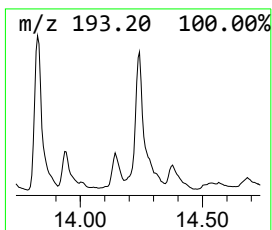
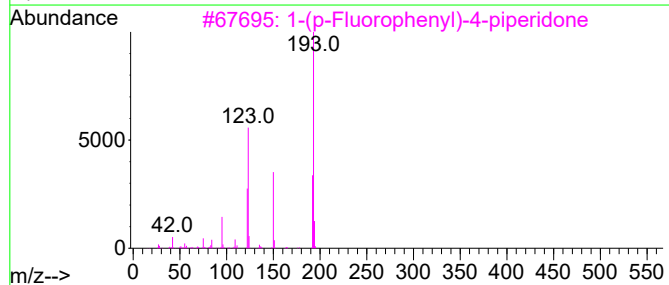
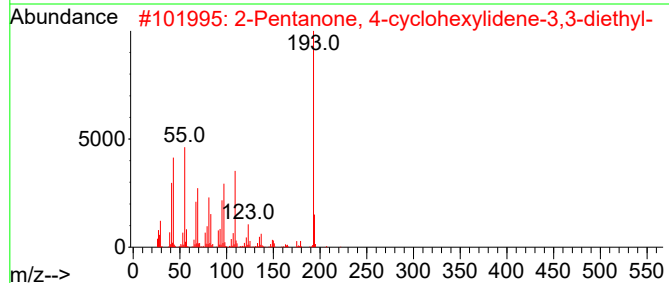
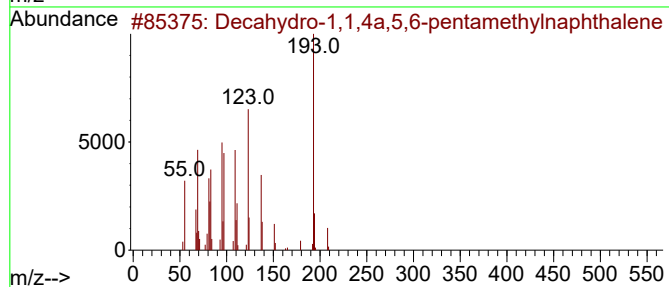
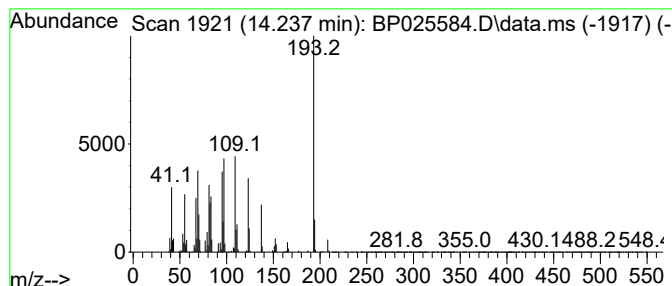
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Pentanone, 4-cyclohexylid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.236	20.00 ng	13023900	Acenaphthene-d10	14.401	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	83
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	64
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
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Sample : Q2932-03
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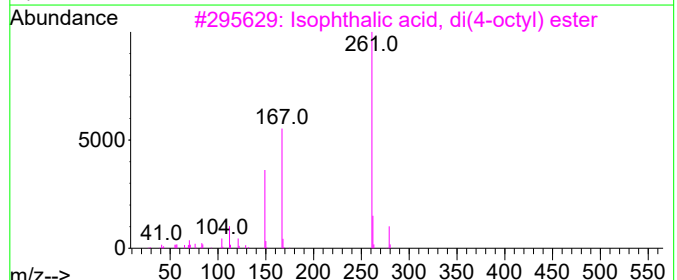
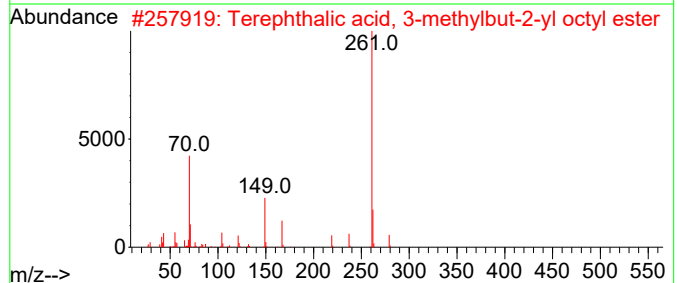
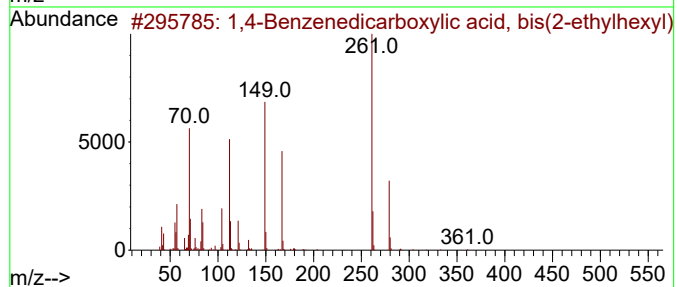
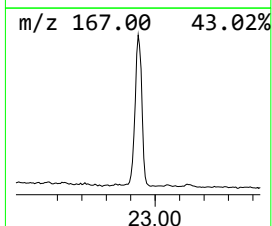
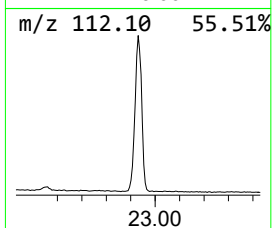
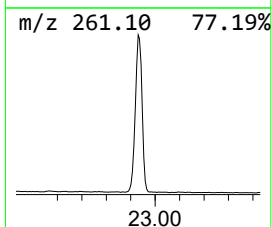
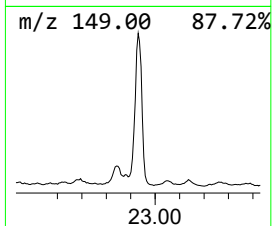
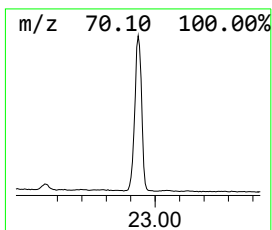
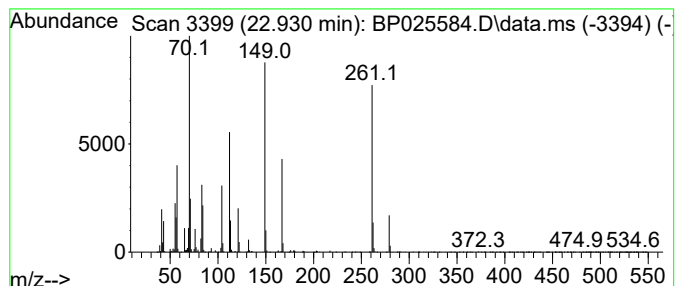
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.930	34.01 ng	12301500	Chrysene-d12	21.666	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	72
3	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	64
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	58
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025584.D
Acq On : 26 Aug 2025 13:51
Operator : CG/JU
Sample : Q2932-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0002-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
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2-Pentanone, 4-...	4.937	6.2	ng	451930	1	7.778	1467630	20.0
unknown9.201	9.201	3.8	ng	487444	2	10.543	2556970	20.0
Pulegone	9.478	3.0	ng	381163	2	10.543	2556970	20.0
unknown9.754	9.754	4.5	ng	573337	2	10.543	2556970	20.0
Cyclohexanecarb...	9.937	3.9	ng	495023	2	10.543	2556970	20.0
3-Methyl-1-cycl...	10.090	6.8	ng	870702	2	10.543	2556970	20.0
unknown11.237	11.237	6.9	ng	877273	2	10.543	2556970	20.0
1-(2-Furyl)-3-b...	11.301	5.5	ng	704720	2	10.543	2556970	20.0
unknown11.372	11.372	3.9	ng	498960	2	10.543	2556970	20.0
unknown11.637	11.637	5.7	ng	725255	2	10.543	2556970	20.0
unknown12.290	12.290	13.5	ng	1730320	2	10.543	2556970	20.0
1,1'-Bicyclohexyl	12.348	6.3	ng	800163	2	10.543	2556970	20.0
unknown12.831	12.831	5.4	ng	3517860	3	14.401	13023900	20.0
Decahydro-1,1,4...	13.178	9.3	ng	6053950	3	14.401	13023900	20.0
unknown13.835	13.825	25.4	ng	16541600	3	14.401	13023900	20.0
2-Pentanone, 4-...	14.236	20.0	ng	13023900	3	14.401	13023900	20.0
1,4-Benzenedica...	22.930	34.0	ng	12301500	5	21.666	7234500	20.0