

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025572.D
 Acq On : 25 Aug 2025 19:52
 Operator : CG/JU
 Sample : Q2932-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ARS20-0009

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: BP025572.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	12	16	22	rBV	1084525	1460846	23.26%	3.355%
2	3.072	22	23	32	rVB2	71755	82475	1.31%	0.189%
3	4.943	331	341	348	rBV	265375	417024	6.64%	0.958%
4	5.402	413	419	429	rBV	2098996	3203453	51.00%	7.358%
5	6.966	677	685	700	rBV	2128351	3306219	52.64%	7.594%
6	7.778	815	823	831	rBV	765709	1262196	20.09%	2.899%
7	8.919	1008	1017	1032	rBV	1312840	2236711	35.61%	5.137%
8	10.549	1286	1294	1307	rBV	984356	1724867	27.46%	3.962%
9	12.184	1567	1572	1584	rBV2	25627	69178	1.10%	0.159%
10	12.313	1585	1594	1609	rVB2	42400	123633	1.97%	0.284%
11	13.001	1704	1711	1724	rBV	3079905	4971423	79.15%	11.419%
12	13.813	1845	1849	1853	rBV2	121870	174961	2.79%	0.402%
13	13.925	1864	1868	1878	rBV3	152473	274203	4.37%	0.630%
14	14.137	1900	1904	1909	rBV5	81333	150108	2.39%	0.345%
15	14.225	1915	1919	1927	rVB	216835	364389	5.80%	0.837%
16	14.390	1939	1947	1957	rVB	1599618	2522645	40.16%	5.794%
17	15.195	2081	2084	2088	rVB2	213083	253069	4.03%	0.581%
18	15.760	2176	2180	2187	rBV	558313	1026693	16.35%	2.358%
19	15.901	2199	2204	2209	rBV	2200882	3510019	55.88%	8.062%
20	17.183	2419	2422	2430	rVB2	1465726	2355386	37.50%	5.410%
21	18.130	2579	2583	2587	rVB	1672376	2362265	37.61%	5.426%
22	19.901	2880	2884	2889	rVB	4586589	6281284	100.00%	14.427%
23	21.619	3171	3176	3182	rVB2	1469211	2713864	43.21%	6.233%
24	24.983	3742	3748	3757	rVB	1076522	2690968	42.84%	6.181%

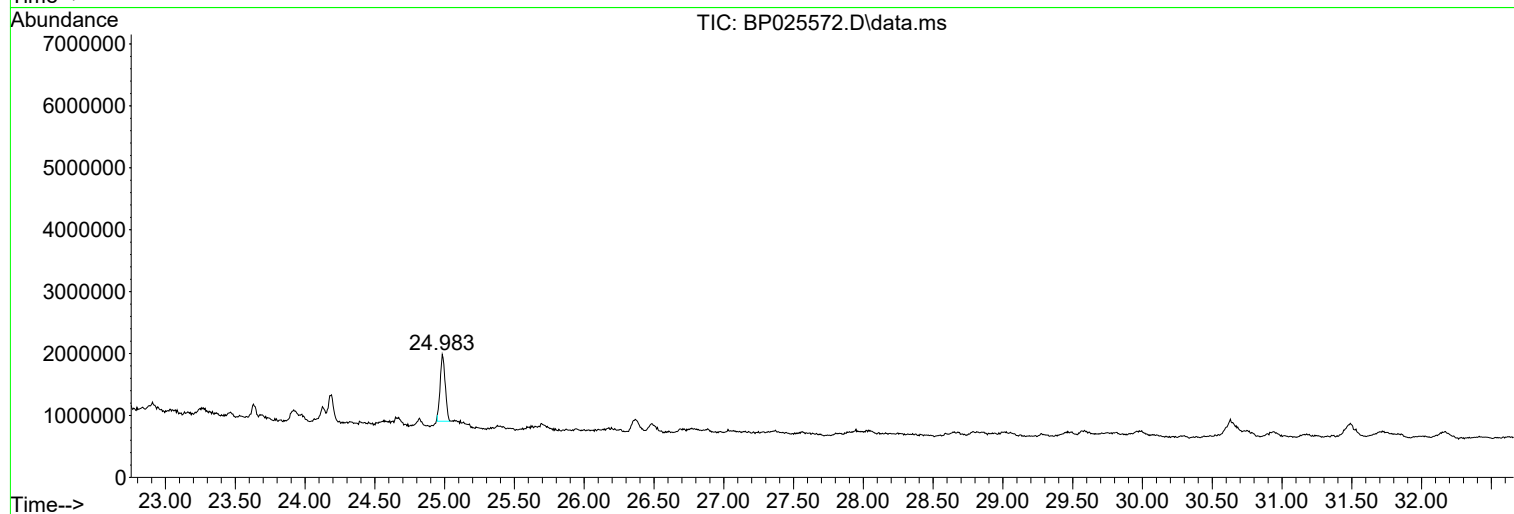
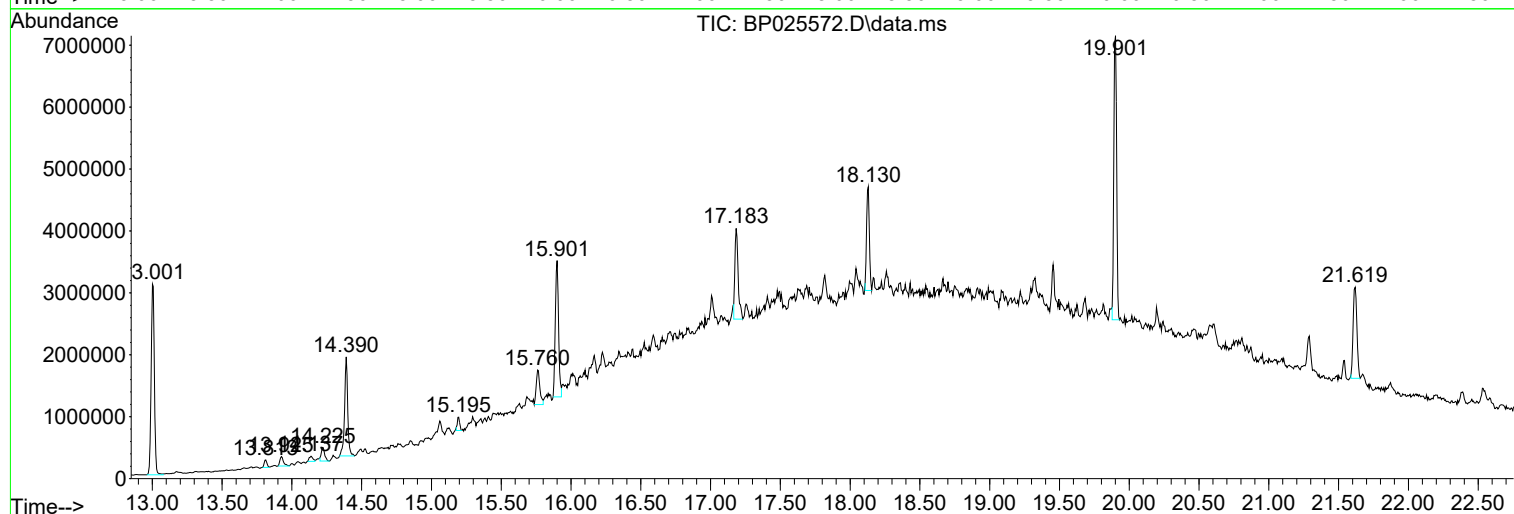
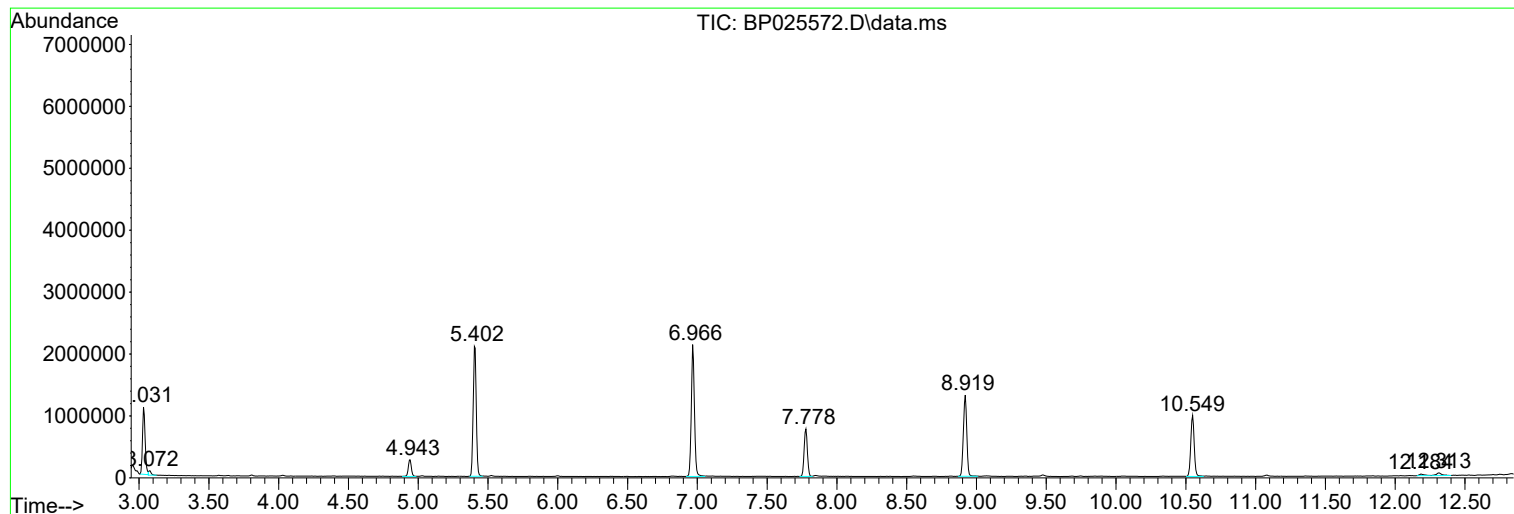
Sum of corrected areas: 43537879

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

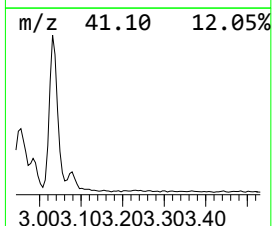
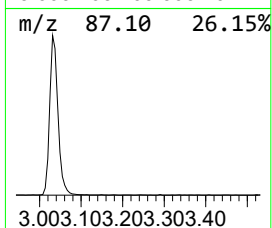
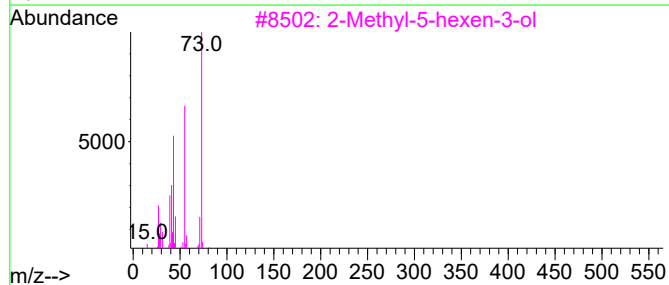
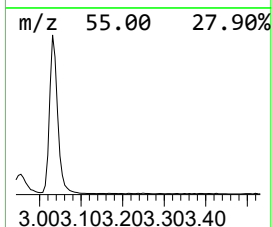
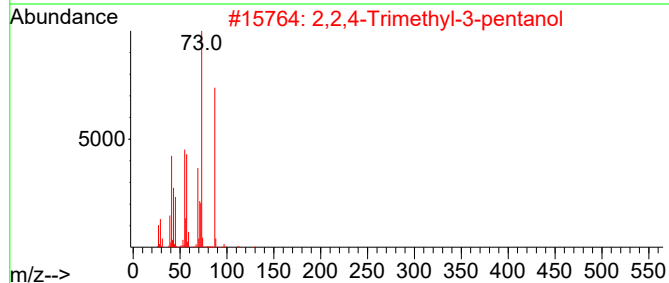
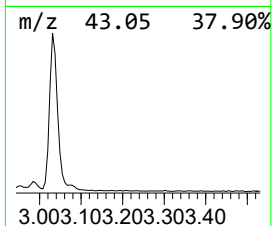
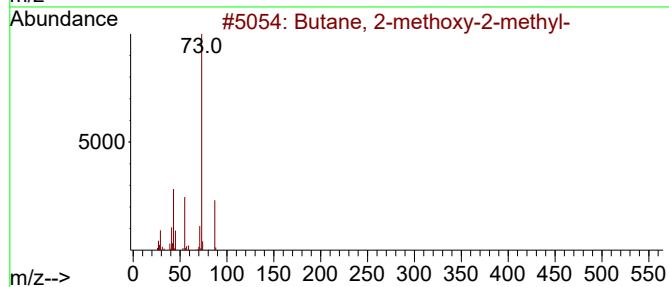
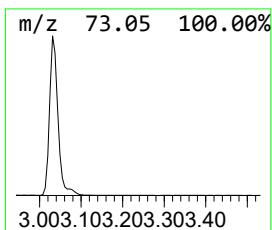
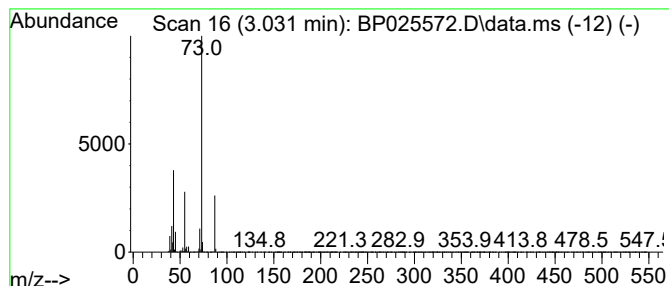
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	23.15 ng	1460850	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			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

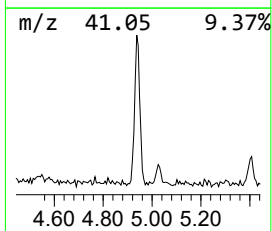
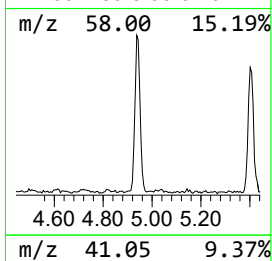
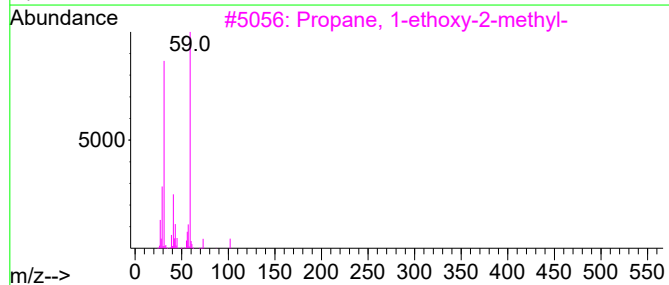
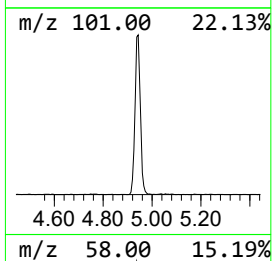
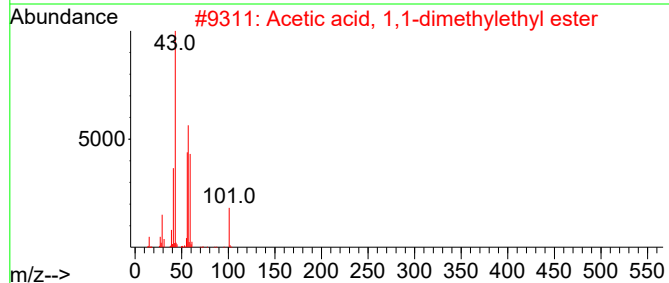
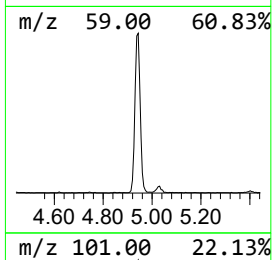
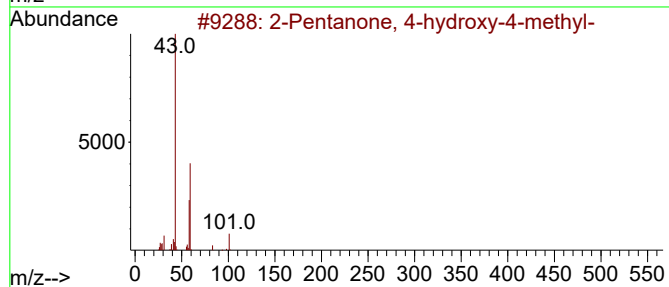
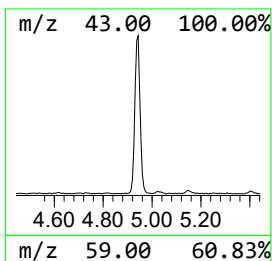
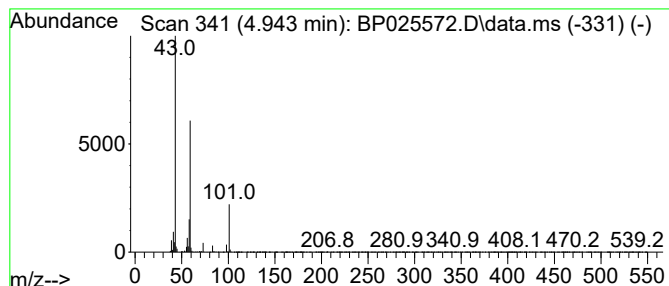
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	6.61 ng	417024	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	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

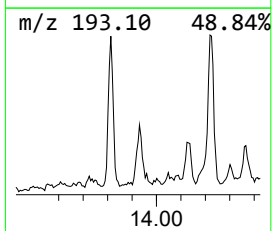
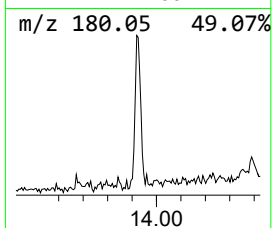
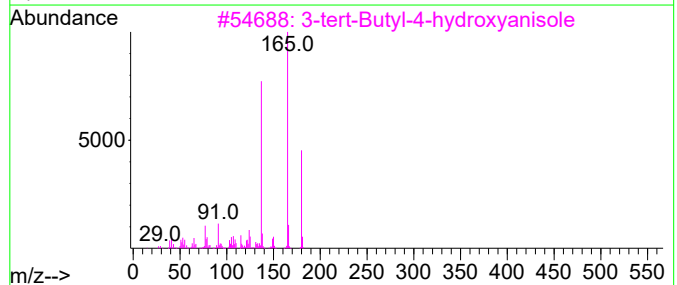
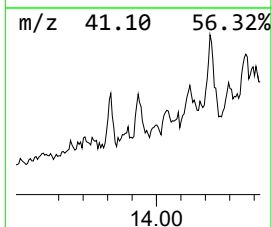
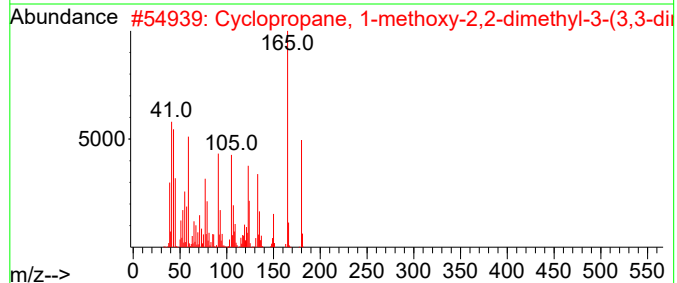
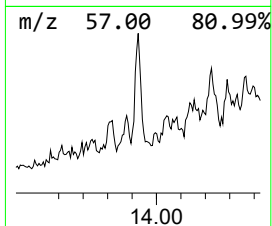
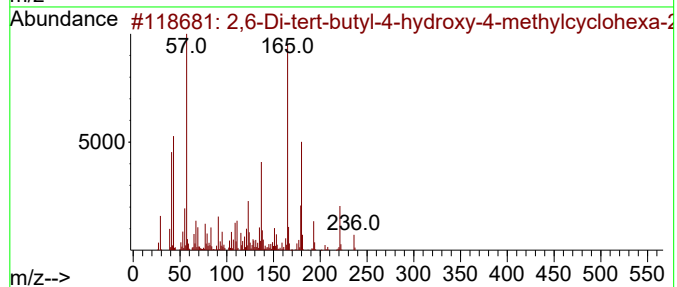
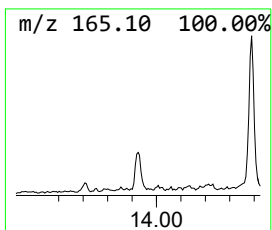
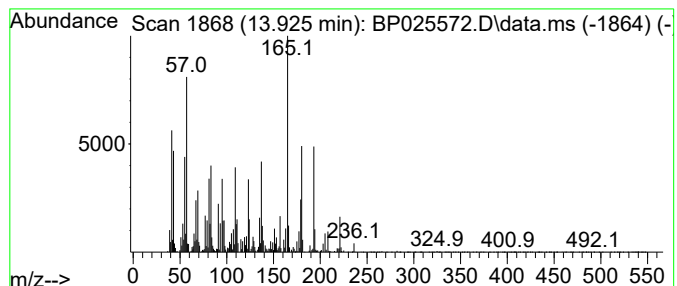
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2,6-Di-tert-butyl-4-hydroxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.925	2.17 ng	274203	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Di-tert-butyl-4-hydroxy-4-me...	236	C15H24O2	010396-80-2	92
2			Cyclopropane, 1-methoxy-2,2-dime...	180	C12H20O	1000271-82-9	46
3			3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	45
4			3',5'-Dimethoxyacetophenone	180	C10H12O3	039151-19-4	45
5			Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

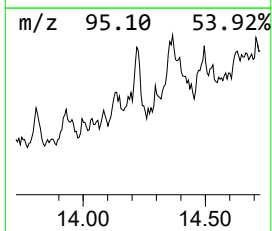
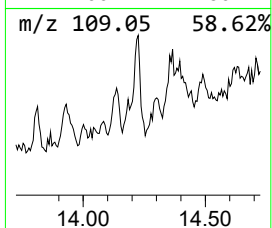
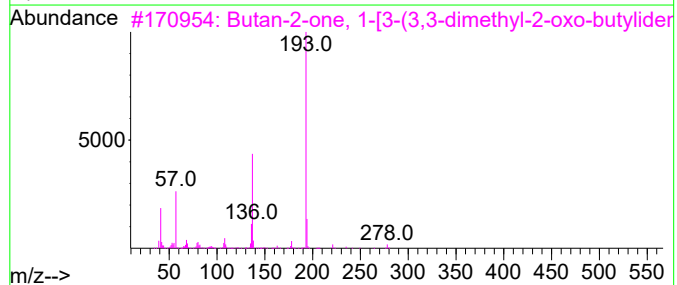
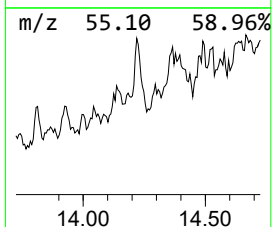
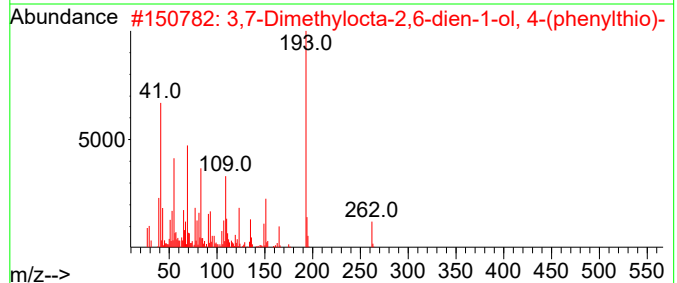
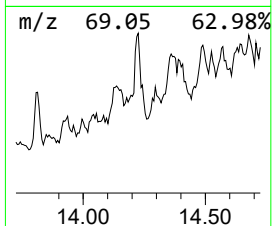
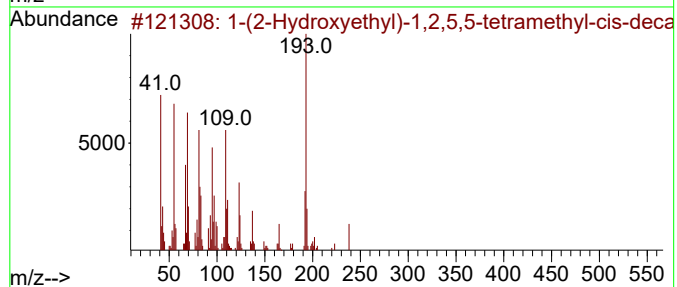
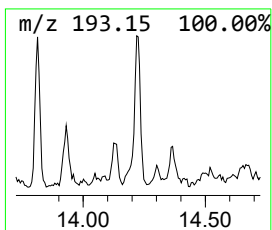
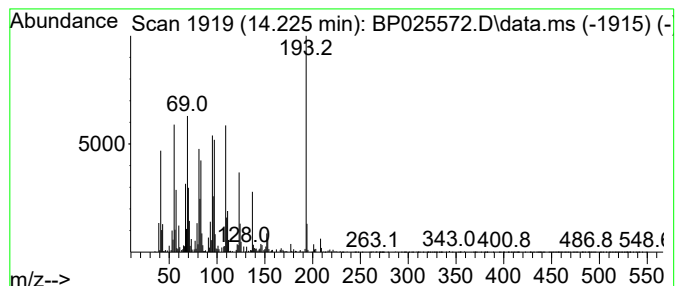
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown14.225 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.225	2.89 ng	364389	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1010298-97-4	45		
2	3,7-Dimethylocta-2,6-dien-1-ol, ...	262	C16H22OS	1000196-46-7	32		
3	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	22		
4	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	16		
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	16		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

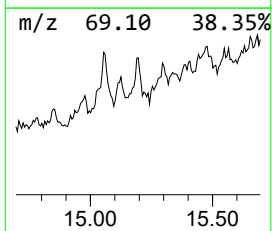
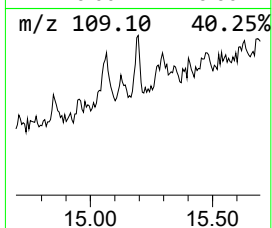
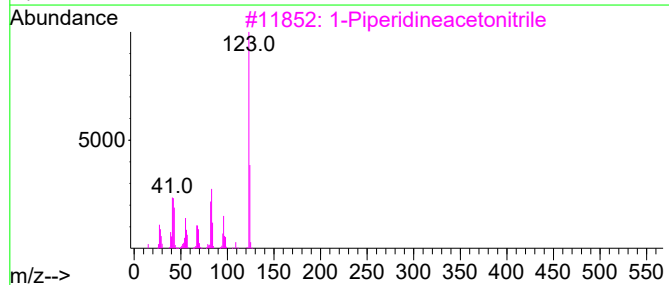
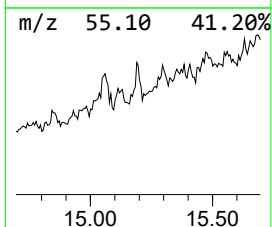
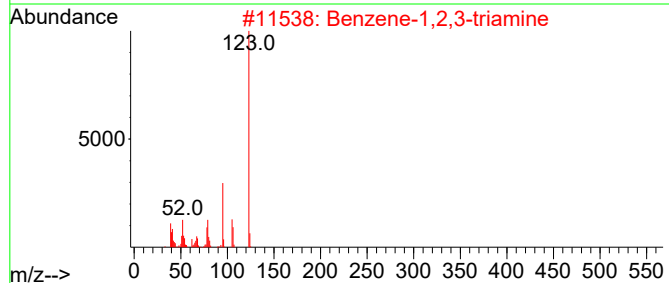
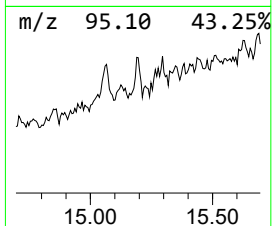
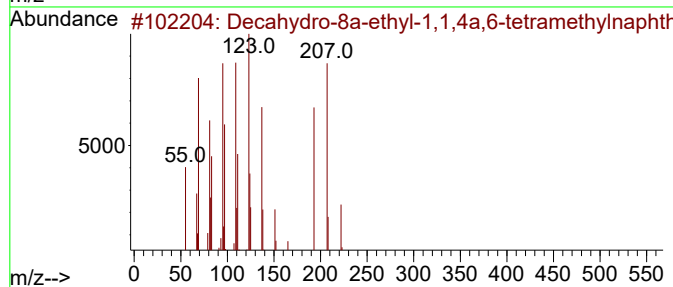
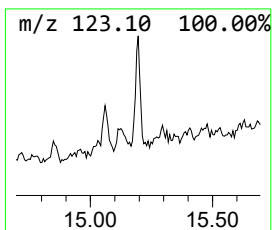
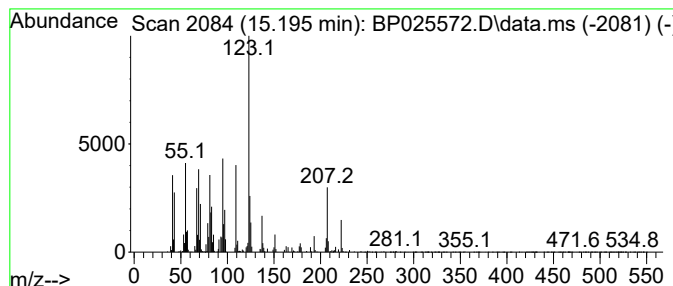
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown15.195 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.195	2.01 ng	253069	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	46
2			Benzene-1,2,3-triamine	123	C6H9N3	1000316-45-3	38
3			1-Piperidineacetonitrile	124	C7H12N2	003010-03-5	38
4			N-[1-(4-Chlorobenzyl)-2-oxoazepa...	374	C20H20ClFN2O2	1000481-70-9	38
5			Propanoic acid, 2-(4-chlorodiflu...	484	C19H15ClF6N2O4	1000277-67-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

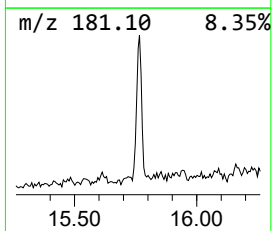
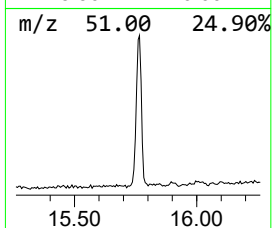
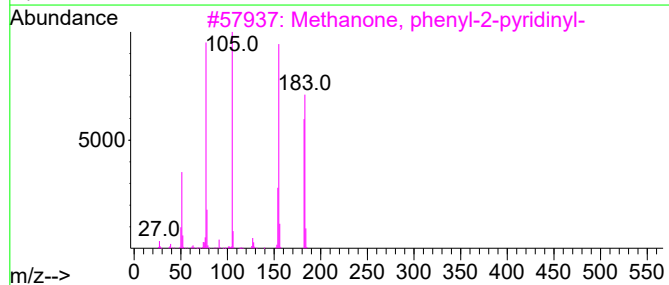
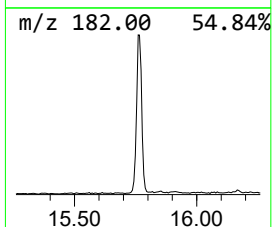
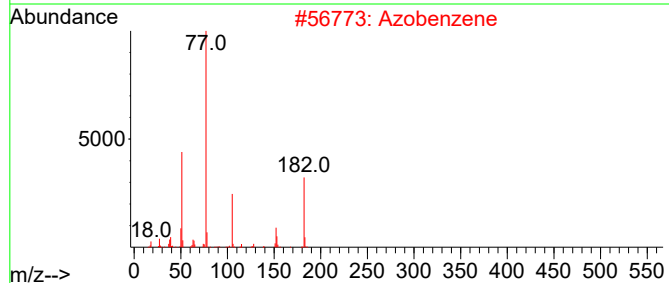
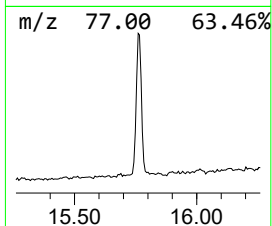
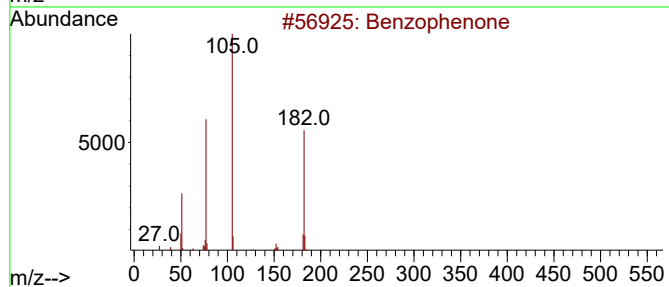
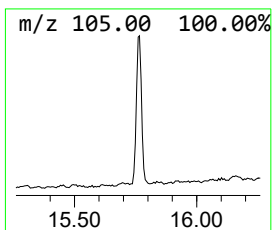
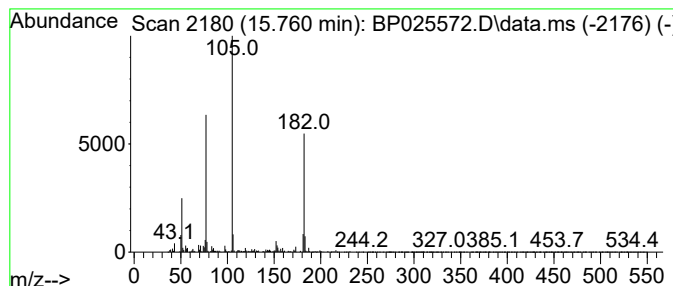
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	8.14 ng	1026690	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	59
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4			2,5-Dimethyl-7,7-diphenyl-3-aza-...	279	C18H17NO2	078950-91-1	45
5			9-benzoyloxyethoxymethyl-2-fluor...	331	C15H14FN5O3	1000212-66-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

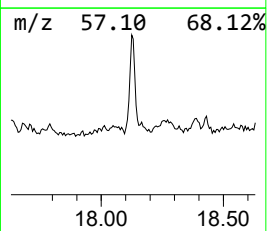
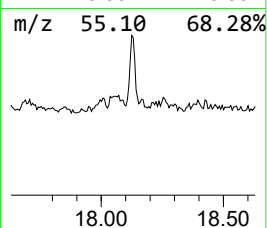
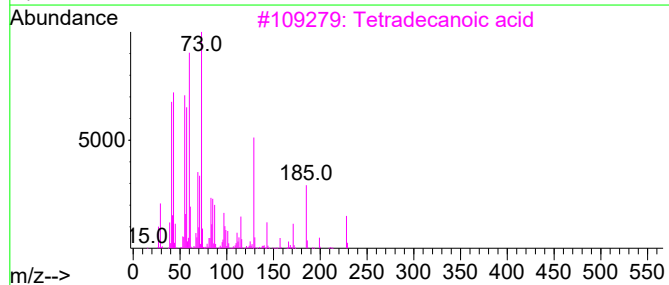
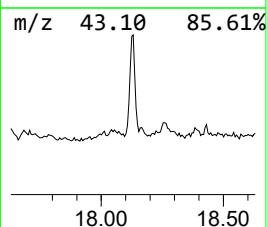
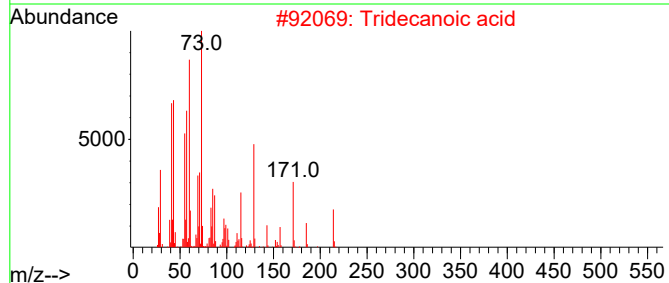
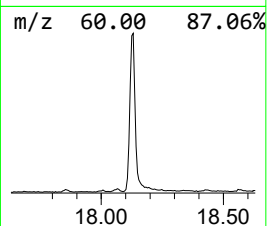
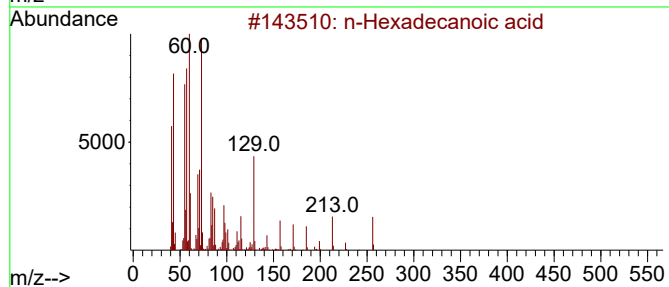
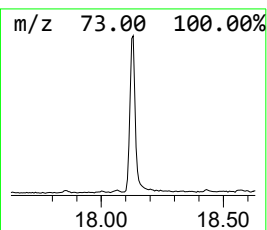
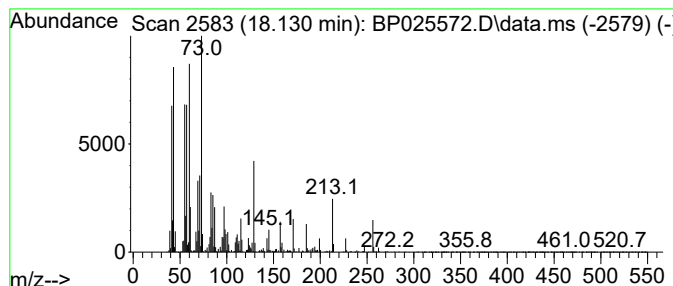
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	20.06 ng	2362270	Phenanthrene-d10	17.183

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025572.D
Acq On : 25 Aug 2025 19:52
Operator : CG/JU
Sample : Q2932-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ARS20-0009

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.031	23.1	ng	1460850	1	7.778	1262200	20.0
2-Pentanone, 4-...	4.943	6.6	ng	417024	1	7.778	1262200	20.0
2,6-Di-tert-but...	13.925	2.2	ng	274203	3	14.390	2522650	20.0
unknown14.225	14.225	2.9	ng	364389	3	14.390	2522650	20.0
unknown15.195	15.195	2.0	ng	253069	3	14.390	2522650	20.0
Benzophenone	15.760	8.1	ng	1026690	3	14.390	2522650	20.0
n-Hexadecanoic ...	18.131	20.1	ng	2362270	4	17.183	2355390	20.0