

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064309.D
 Acq On : 8 Sep 2025 16:19
 Operator : RC/JU
 Sample : Q3032-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-1

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_G\Methods\8270-BG082825.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.973	315	321	328	rVB	85806	127470	4.98%	1.045%
2	5.437	394	400	408	rBV	569845	885833	34.61%	7.261%
3	7.023	662	670	679	rBV	605508	997535	38.98%	8.176%
4	7.852	804	811	818	rBV	124695	209971	8.20%	1.721%
5	9.003	998	1007	1014	rBV	362935	637859	24.92%	5.228%
6	10.636	1278	1285	1295	rVB2	164855	287968	11.25%	2.360%
7	13.098	1696	1704	1711	rBV	908250	1415357	55.31%	11.601%
8	14.473	1929	1938	1946	rBV	267310	408757	15.97%	3.350%
9	15.830	2164	2169	2175	rBV2	65488	98581	3.85%	0.808%
10	15.960	2184	2191	2200	rBV	951957	1425312	55.70%	11.682%
11	17.217	2398	2405	2410	rBV2	363459	546199	21.34%	4.477%
12	18.116	2551	2558	2568	rBV	208477	319259	12.48%	2.617%
13	19.268	2749	2754	2761	rBV	77718	114903	4.49%	0.942%
14	19.391	2771	2775	2779	rBV2	52262	75993	2.97%	0.623%
15	19.626	2806	2815	2824	rBV	62683	120602	4.71%	0.988%
16	19.837	2843	2851	2861	rBV	2023573	2559117	100.00%	20.975%
17	20.648	2983	2989	2993	rVB7	17775	31267	1.22%	0.256%
18	21.124	3066	3070	3079	rBV2	128714	205027	8.01%	1.680%
19	21.353	3106	3109	3113	rBV3	20648	27086	1.06%	0.222%
20	21.447	3117	3125	3130	rBV	424591	726608	28.39%	5.956%
21	21.647	3155	3159	3167	rVB7	21688	34566	1.35%	0.283%
22	23.504	3467	3475	3483	rBV3	33320	109502	4.28%	0.898%
23	24.174	3585	3589	3598	rVB3	20743	45462	1.78%	0.373%
24	24.309	3608	3612	3618	rVB2	23397	44276	1.73%	0.363%
25	24.456	3627	3637	3658	rVB	245752	746098	29.15%	6.115%

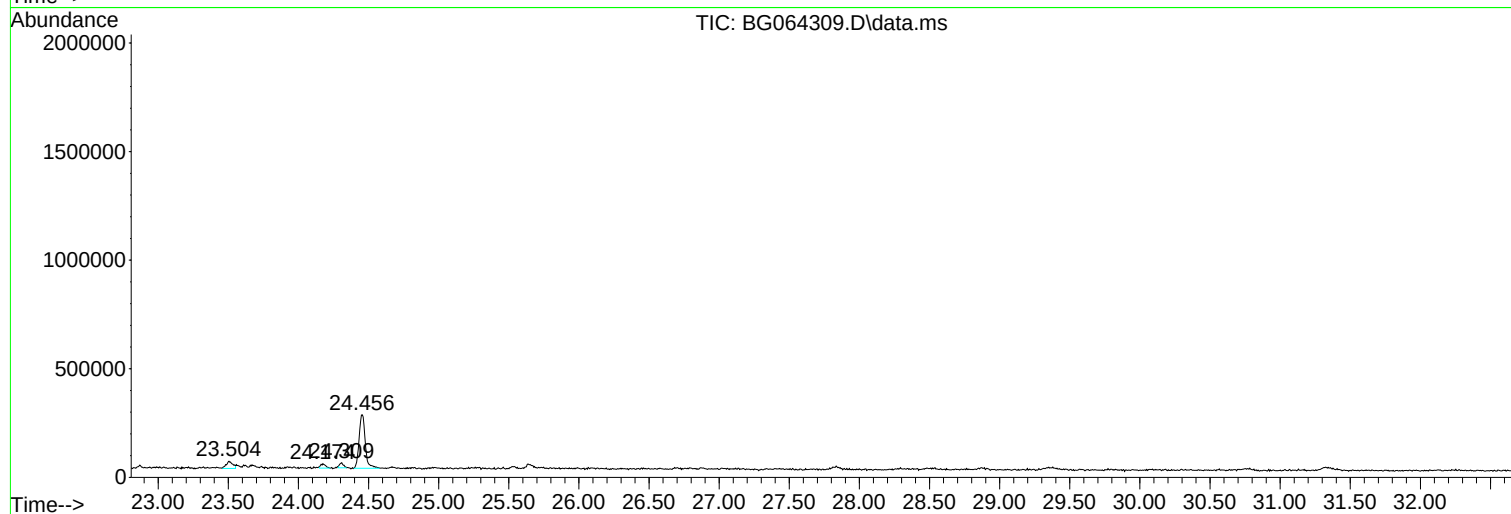
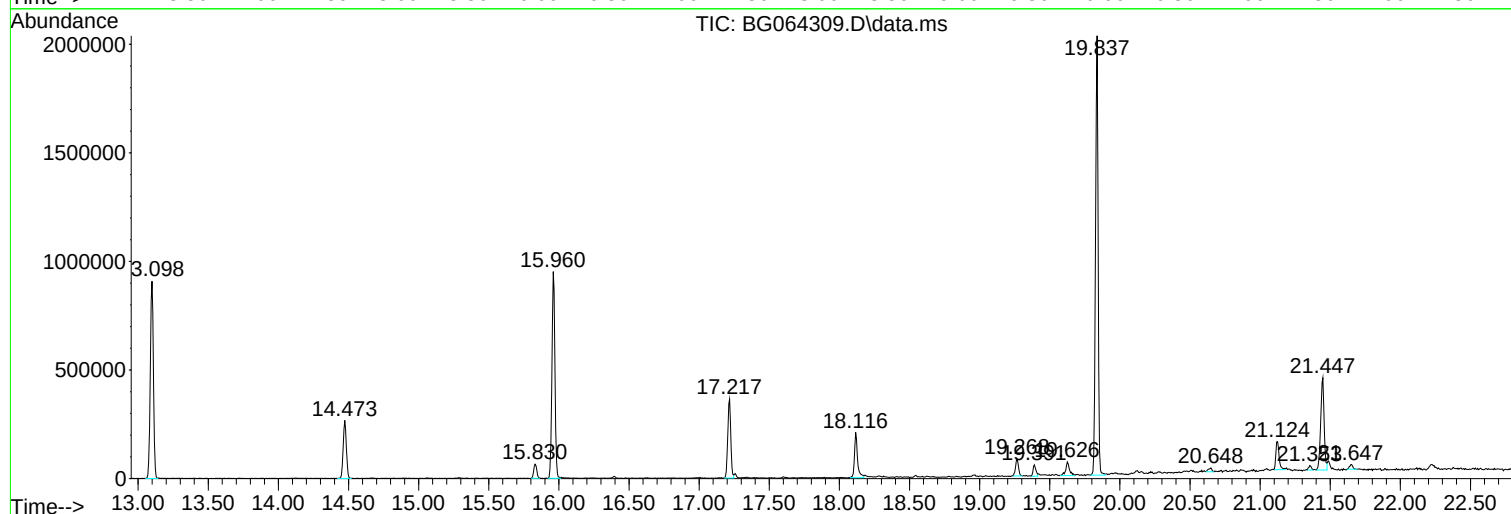
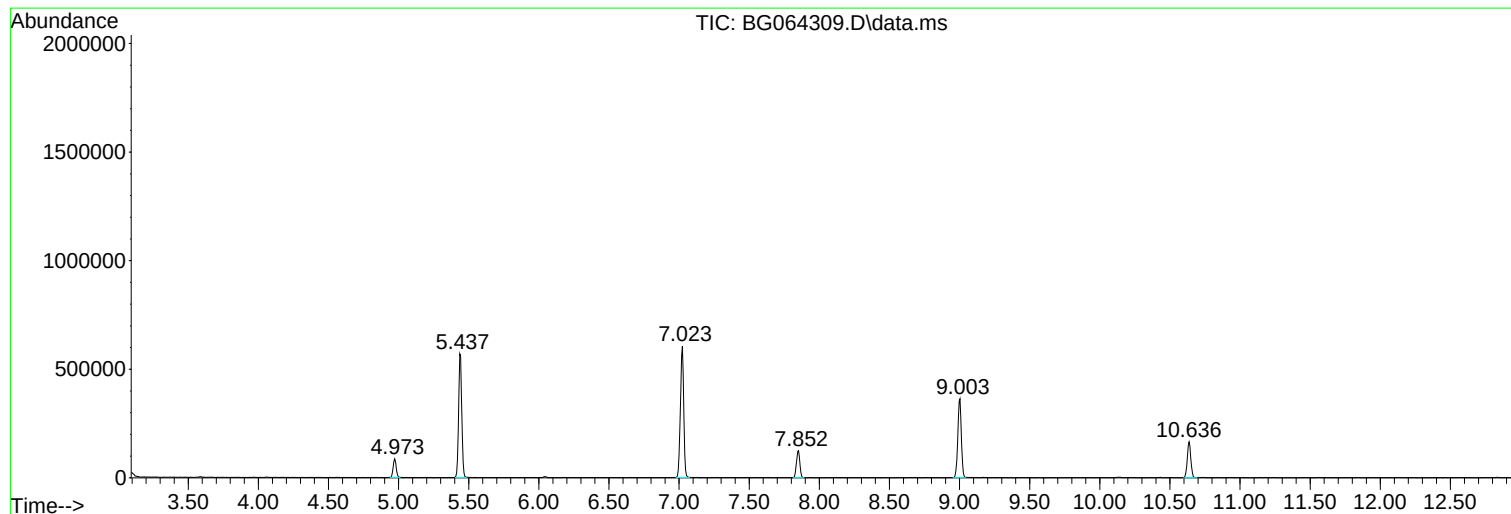
Sum of corrected areas: 12200608

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

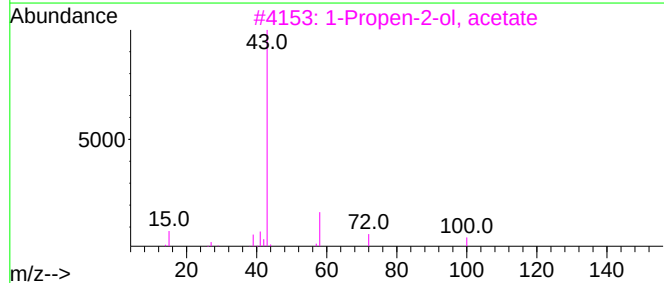
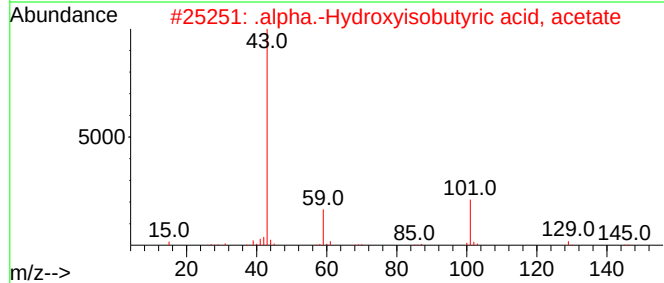
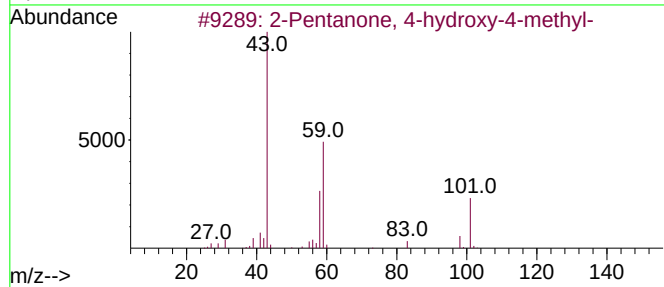
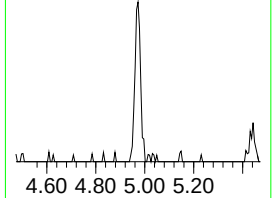
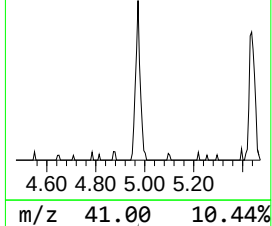
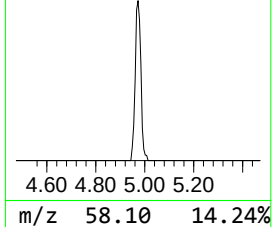
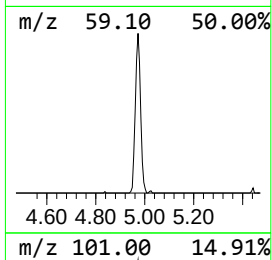
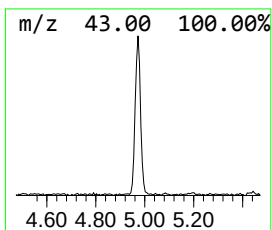
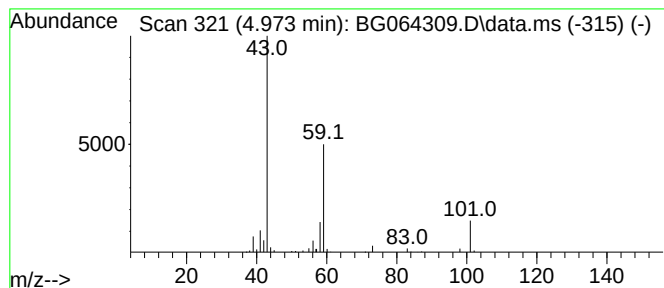
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.973	12.14 ng	127470	1,4-Dichlorobenzene-d4	7.852

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	45
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

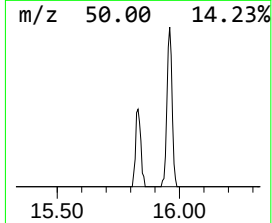
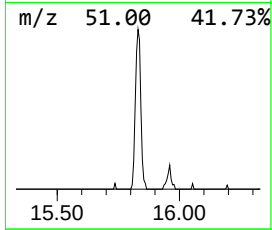
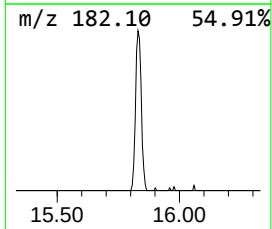
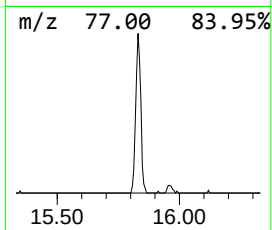
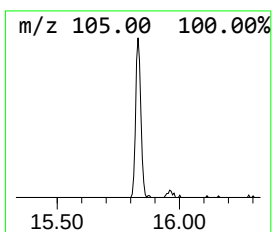
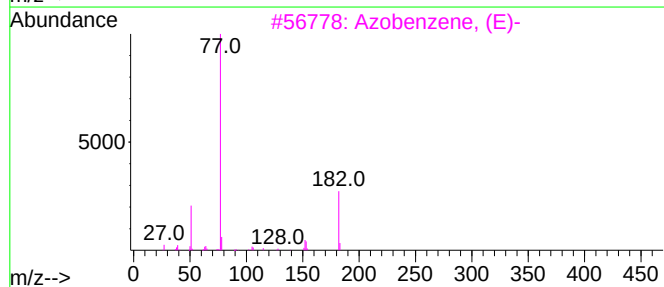
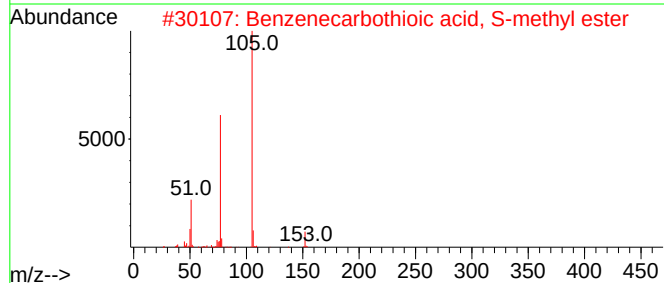
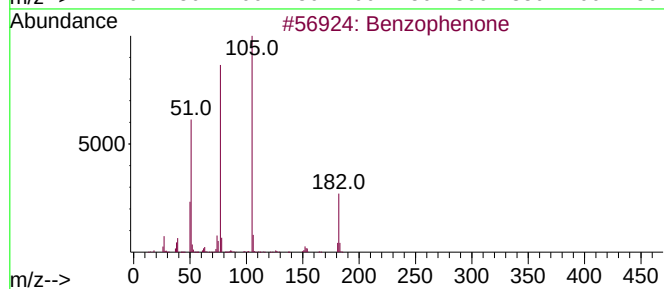
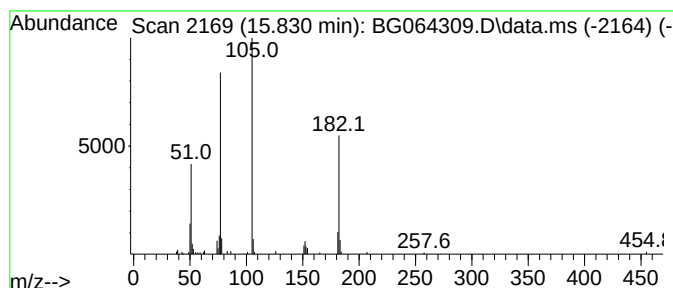
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.830	4.82 ng	98581	Acenaphthene-d10	14.473

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	58
3			Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
4			Benzenecarboxylic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

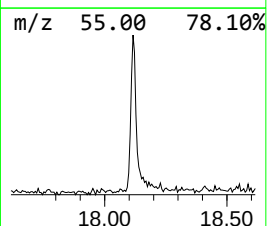
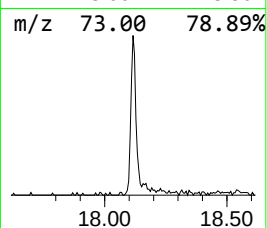
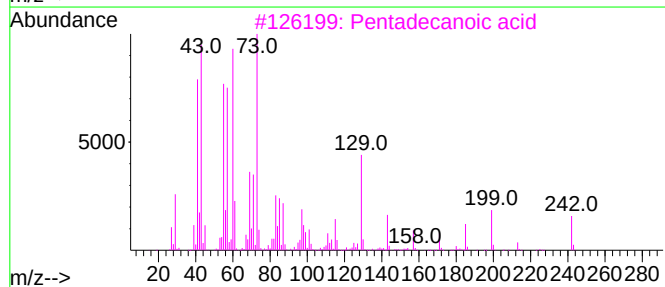
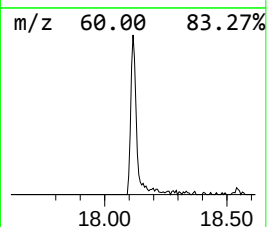
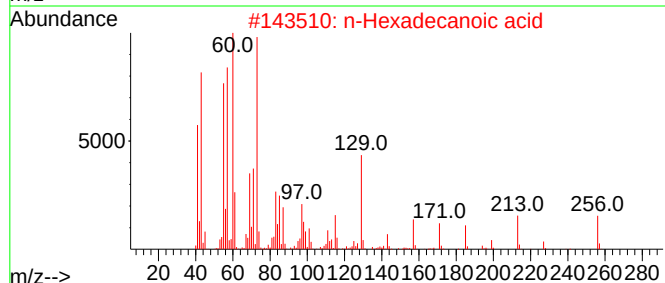
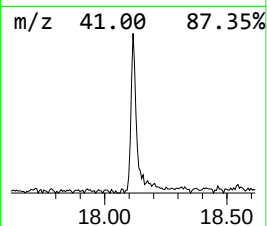
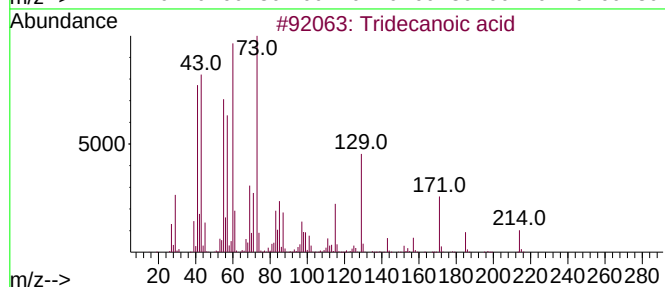
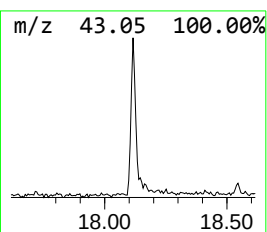
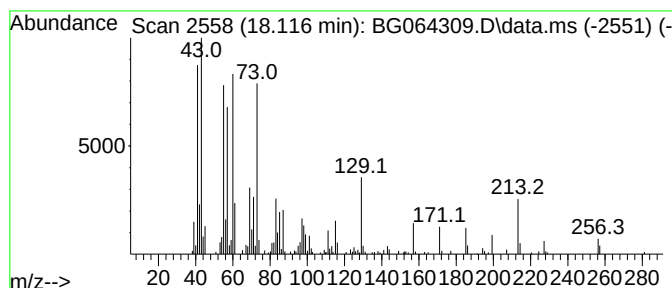
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	11.69 ng	319259	Phenanthrene-d10	17.217

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Undecanoic acid	186	C11H22O2	000112-37-8	81
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

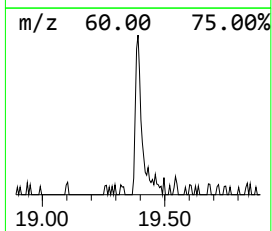
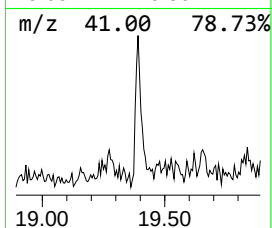
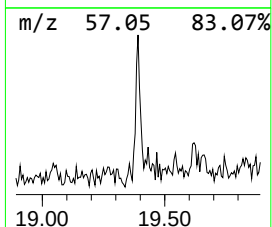
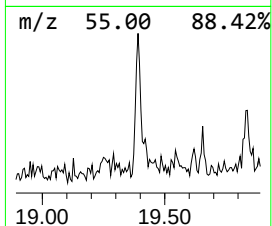
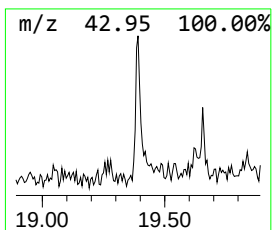
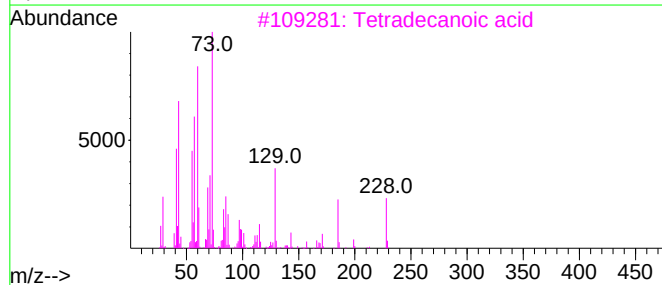
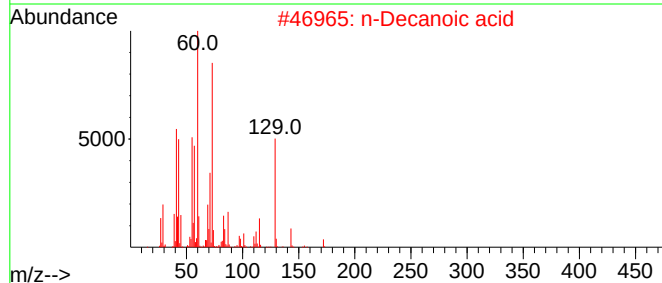
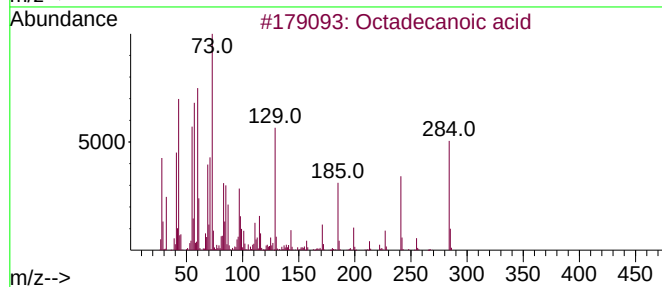
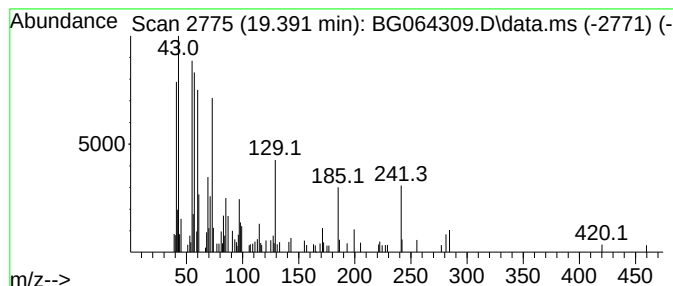
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.391	2.09 ng	75993	Chrysene-d12	21.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	58
2			n-Decanoic acid	172	C10H20O2	000334-48-5	55
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4			Maltose	342	C12H22O11	000069-79-4	46
5			Dodecanoic acid	200	C12H24O2	000143-07-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

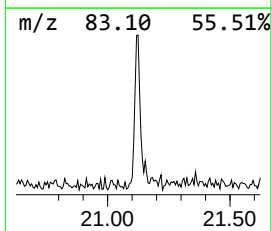
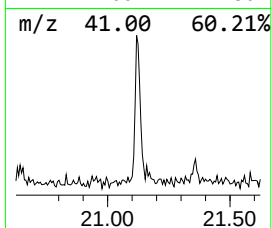
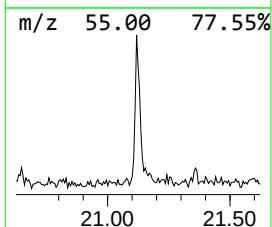
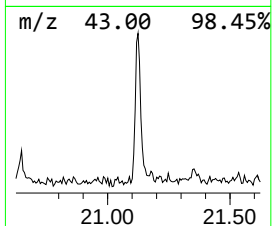
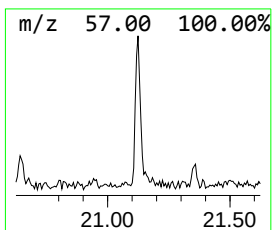
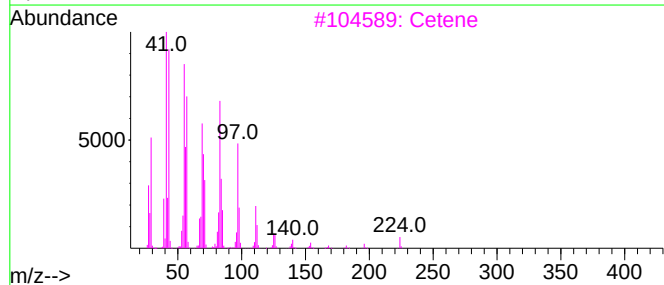
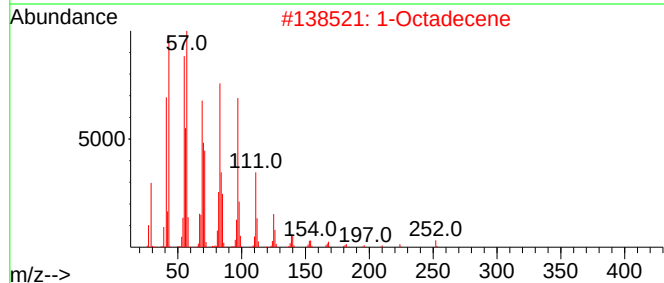
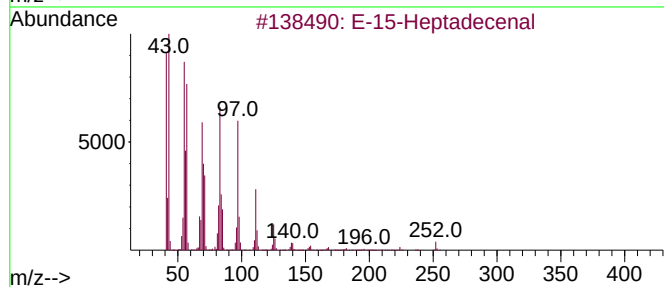
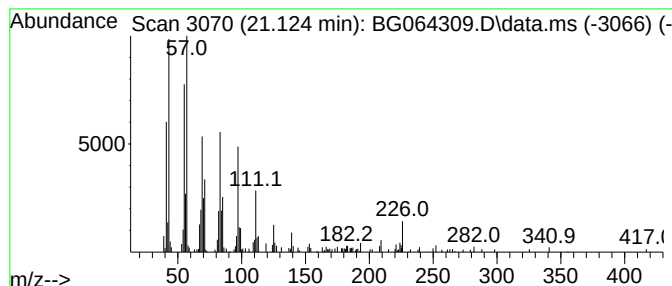
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 E-15-Heptadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.124	5.64 ng	205027	Chrysene-d12	21.447

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
2			1-Octadecene	252	C18H36	000112-88-9	92
3			Cetene	224	C16H32	000629-73-2	90
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5			Behenic alcohol	326	C22H46O	000661-19-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

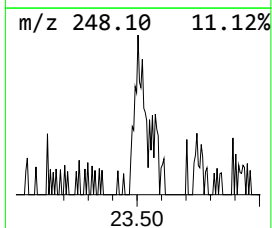
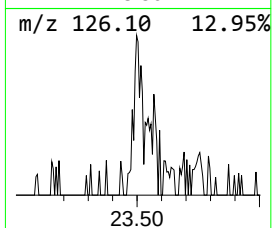
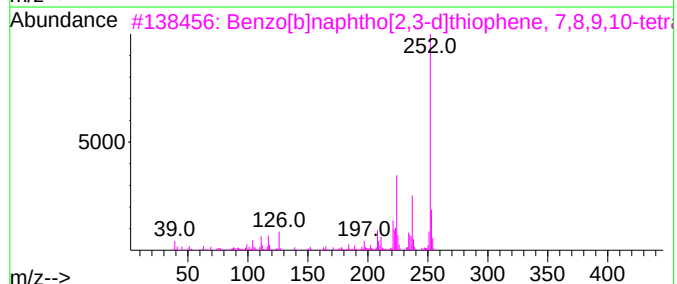
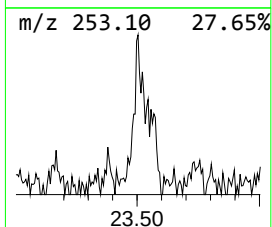
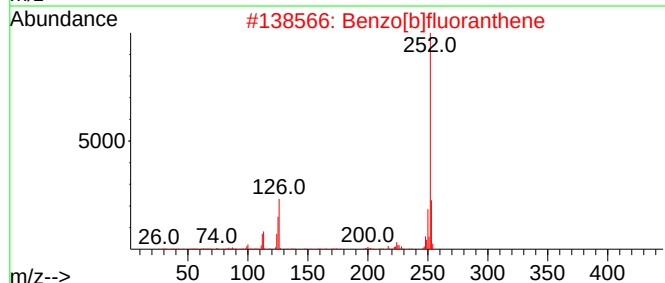
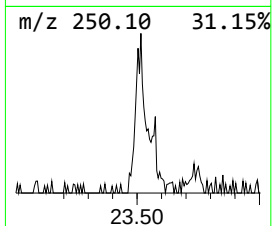
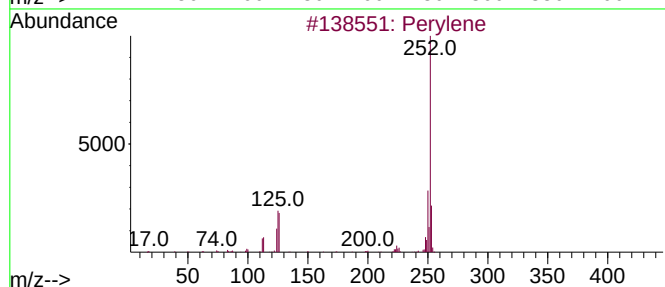
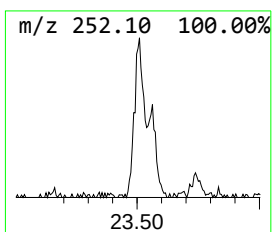
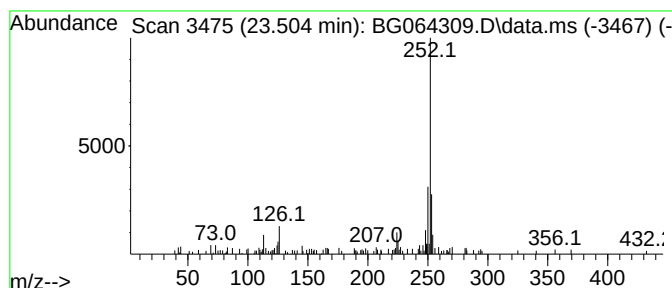
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	2.94 ng	109502	Perylene-d12	24.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	64
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
3			Benzo[b]naphtho[2,3-d]thiophene,...	252	C17H16S	024964-06-5	58
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	58
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064309.D
Acq On : 8 Sep 2025 16:19
Operator : RC/JU
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.973	12.1	ng	127470	1	7.852	209971	20.0
Benzophenone	15.830	4.8	ng	98581	3	14.473	408757	20.0
Tridecanoic acid	18.116	11.7	ng	319259	4	17.217	546199	20.0
Octadecanoic acid	19.391	2.1	ng	75993	5	21.447	726608	20.0
E-15-Heptadecenal	21.124	5.6	ng	205027	5	21.447	726608	20.0
Perylene	23.504	2.9	ng	109502	6	24.456	746098	20.0