

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141869.D
 Acq On : 06 Mar 2025 15:30
 Operator : RC/JU
 Sample : Q1478-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-02-COMP-022825

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141869.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	3	12	23	rVB	3481742	5770696	78.63%	13.347%
2	2.534	63	75	85	rVB	801021	1420661	19.36%	3.286%
3	3.381	213	219	239	rBV	69451	166655	2.27%	0.385%
4	5.098	502	511	520	rBV	189919	295839	4.03%	0.684%
5	5.498	573	579	584	rBV	1888820	2480517	33.80%	5.737%
6	6.498	743	749	760	rVB	1192316	1533958	20.90%	3.548%
7	6.886	809	815	820	rBV	694733	883243	12.03%	2.043%
8	7.445	903	910	915	rBV	2736755	3699146	50.40%	8.556%
9	8.063	1010	1015	1027	rBV	146973	199610	2.72%	0.462%
10	8.163	1027	1032	1039	rBV	938931	1155825	15.75%	2.673%
11	9.239	1209	1215	1220	rBV	5308400	6753203	92.01%	15.620%
12	9.916	1325	1330	1339	rVB	1075972	1321980	18.01%	3.058%
13	10.627	1446	1451	1458	rBV	247231	313746	4.27%	0.726%
14	10.704	1458	1464	1469	rBV	3653304	4745354	64.66%	10.976%
15	10.939	1499	1504	1508	rVB	79701	99254	1.35%	0.230%
16	11.116	1529	1534	1538	rBV	488260	601429	8.19%	1.391%
17	11.404	1577	1583	1588	rBV	1022911	1325423	18.06%	3.066%
18	11.921	1666	1671	1682	rBV2	315943	513811	7.00%	1.188%
19	12.710	1801	1805	1812	rBV	123363	210596	2.87%	0.487%
20	12.992	1847	1853	1858	rBV	5416452	7339469	100.00%	16.976%
21	14.039	2026	2031	2036	rVB	841630	1096490	14.94%	2.536%
22	14.898	2173	2177	2181	rBV	96689	135144	1.84%	0.313%
23	15.509	2276	2281	2293	rVB	728988	1172846	15.98%	2.713%

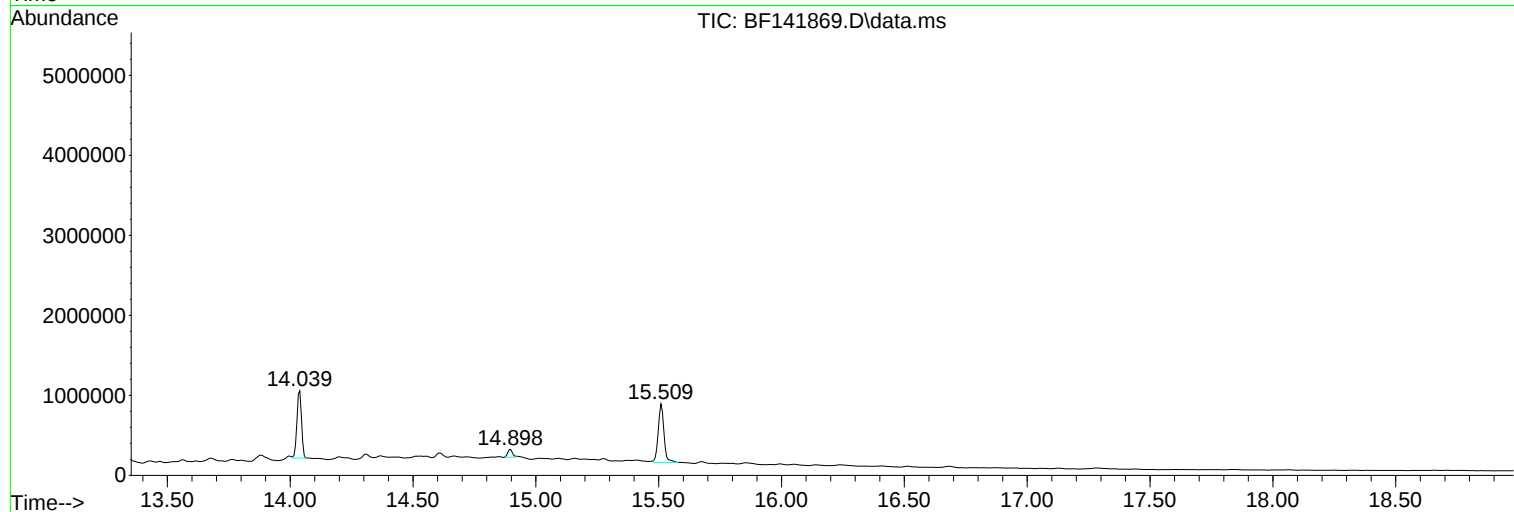
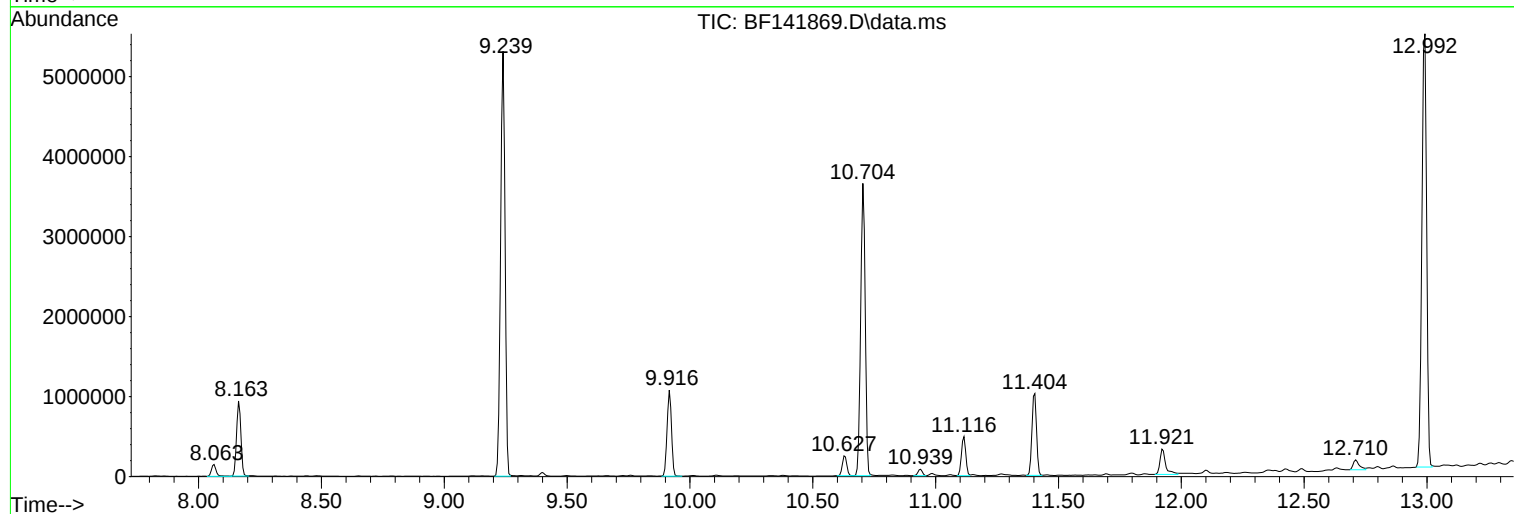
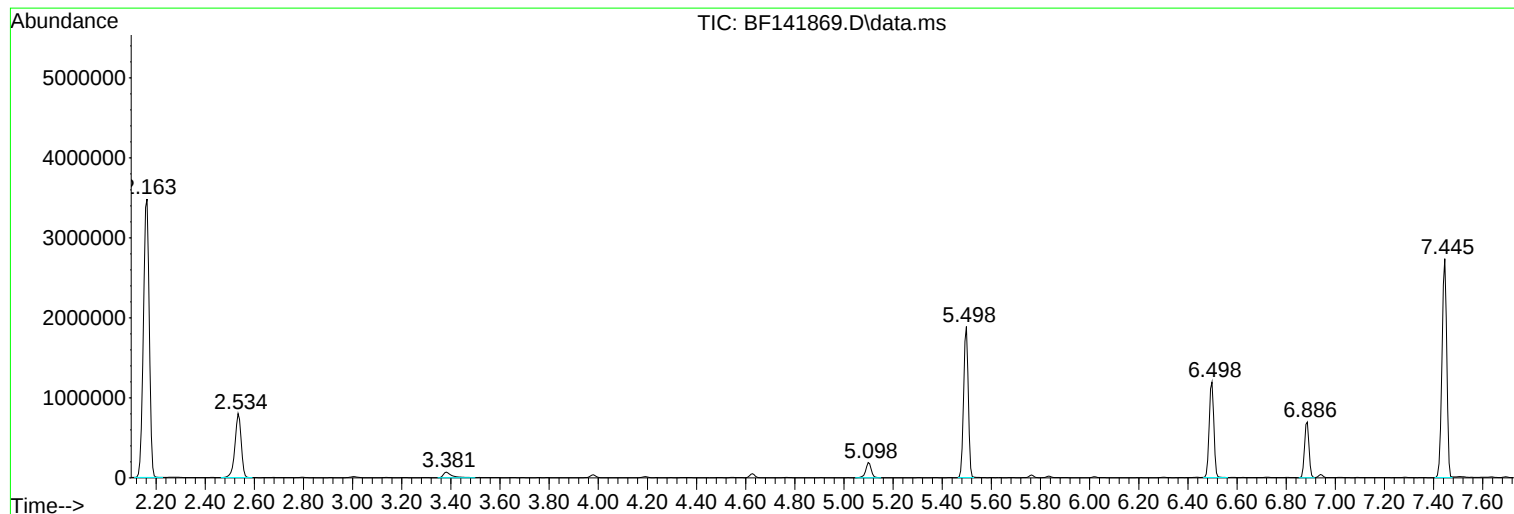
Sum of corrected areas: 43234895

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

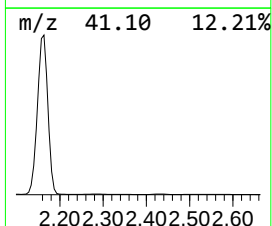
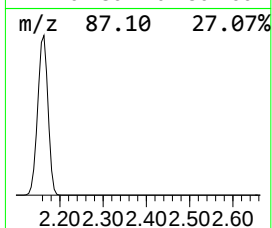
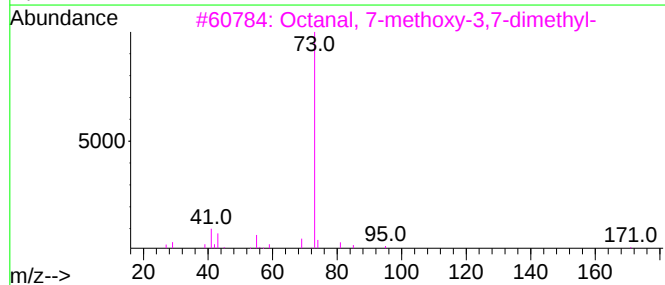
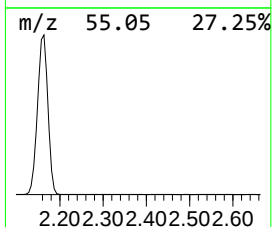
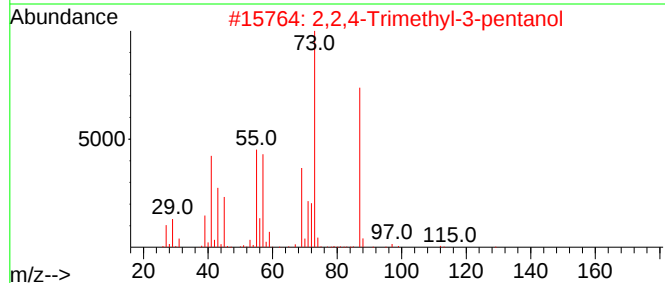
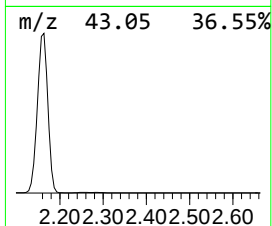
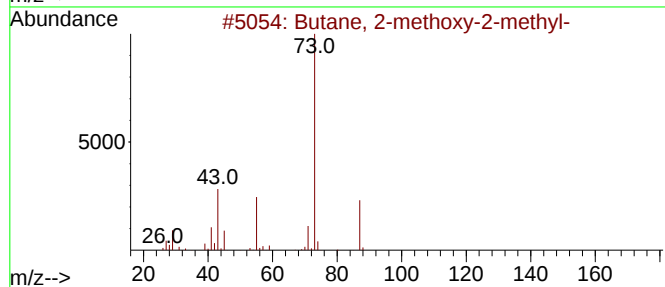
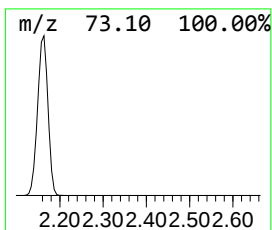
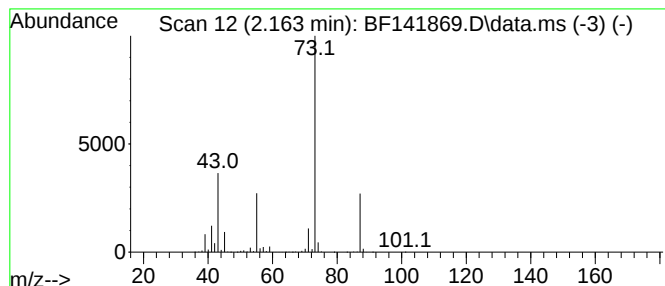
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	130.67 ng	5770700	1,4-Dichlorobenzene-d4	6.886

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			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

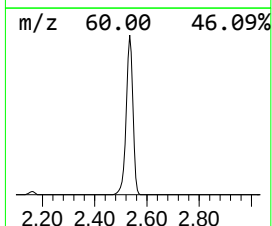
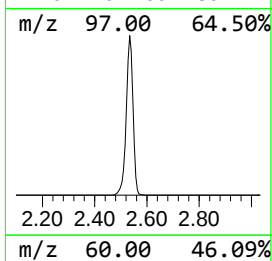
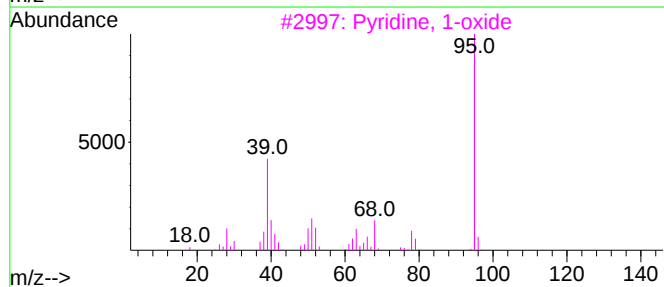
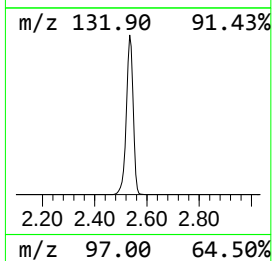
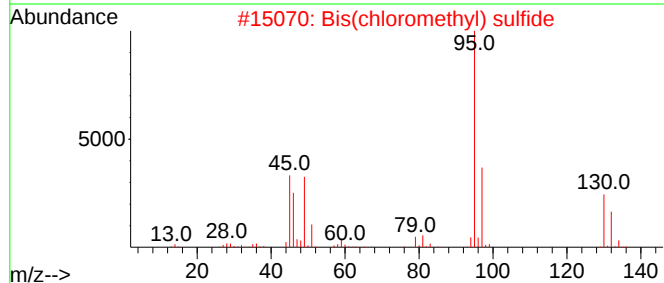
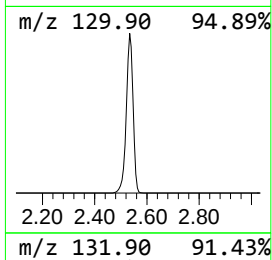
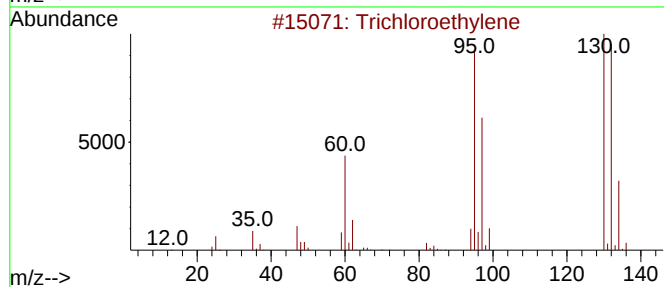
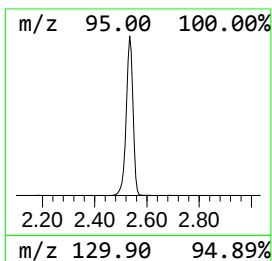
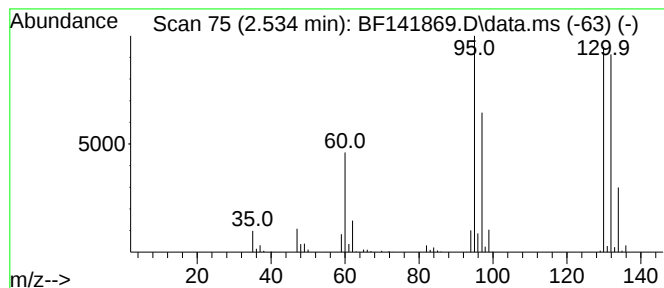
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Trichloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	32.17 ng	1420660	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroethylene	130	C2HCl3	000079-01-6	99
2			Bis(chloromethyl) sulfide	130	C2H4Cl2S	003592-44-7	58
3			Pyridine, 1-oxide	95	C5H5NO	000694-59-7	10
4			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
5			Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

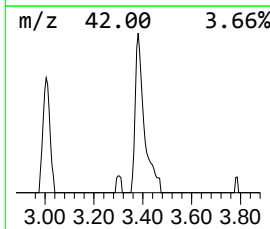
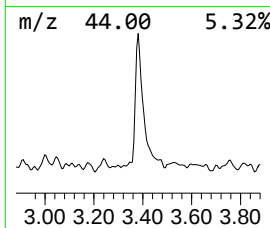
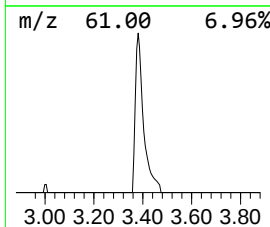
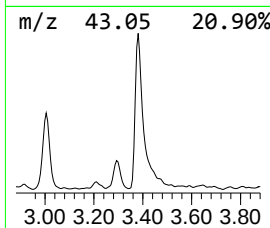
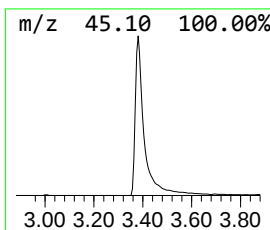
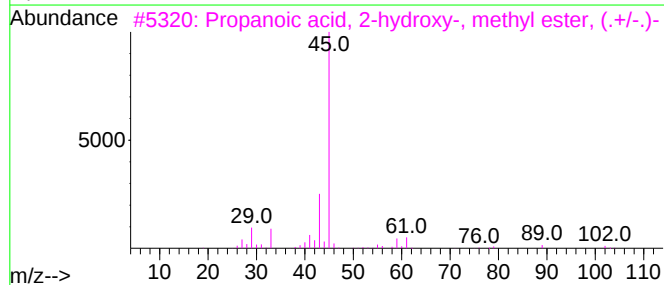
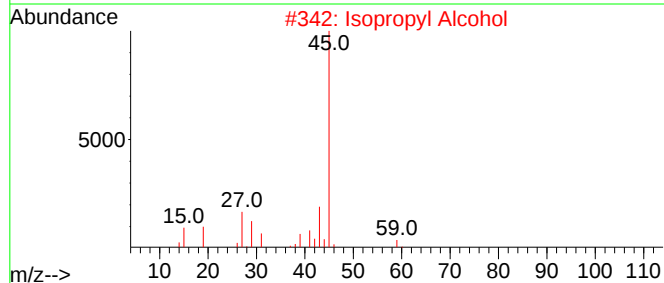
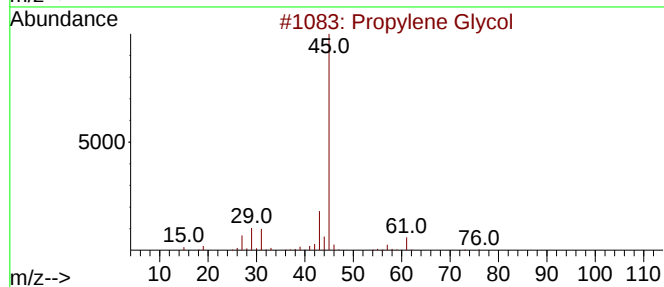
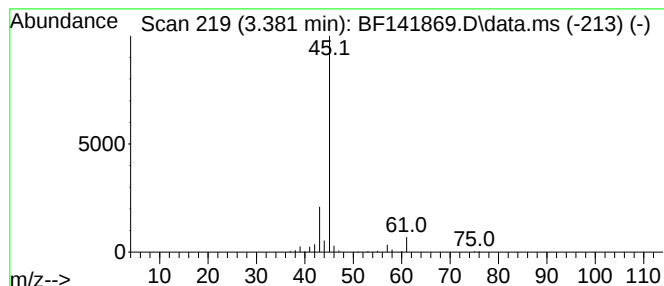
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Propylene Glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.381	3.77 ng	166655	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propylene Glycol	76	C3H8O2	000057-55-6	78
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
5			R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

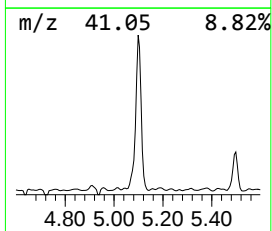
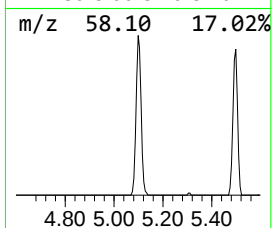
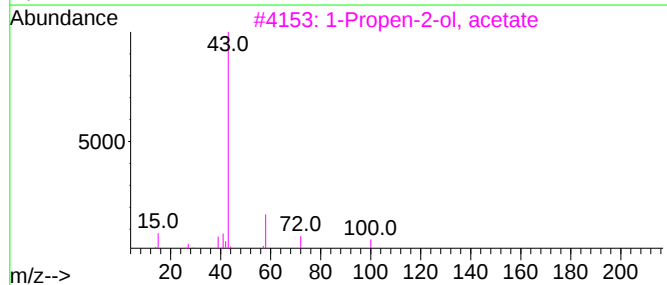
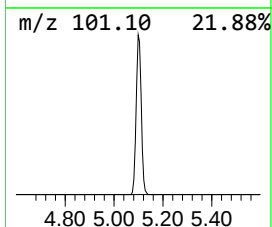
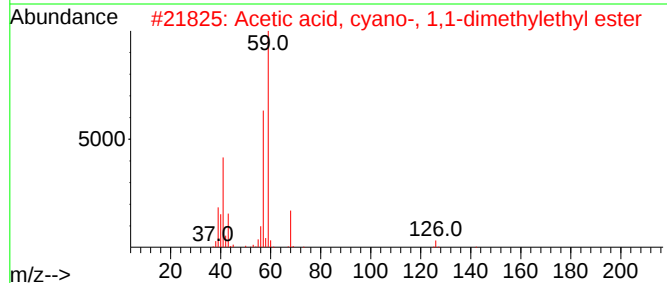
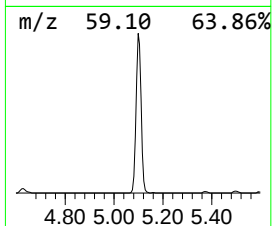
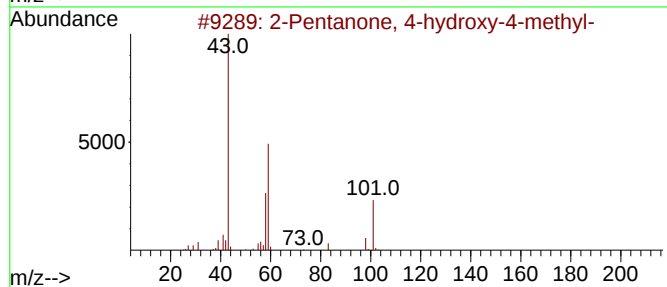
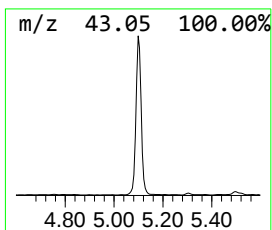
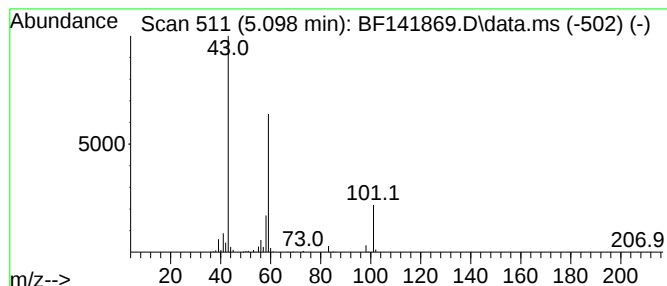
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	6.70 ng	295839	1,4-Dichlorobenzene-d4	6.886

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

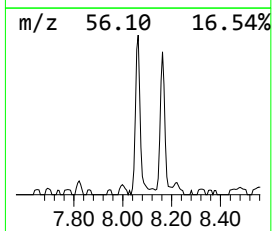
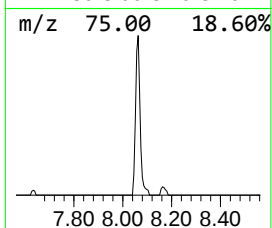
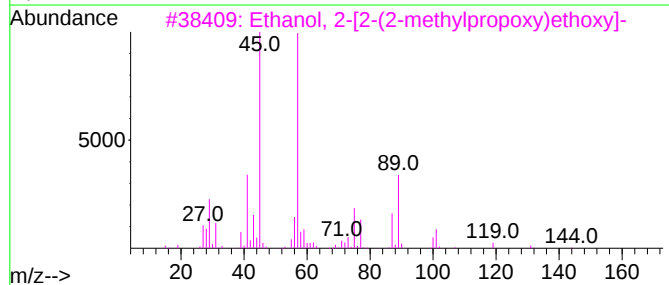
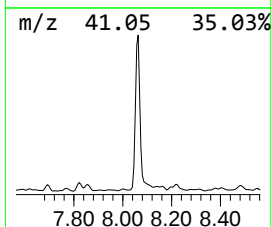
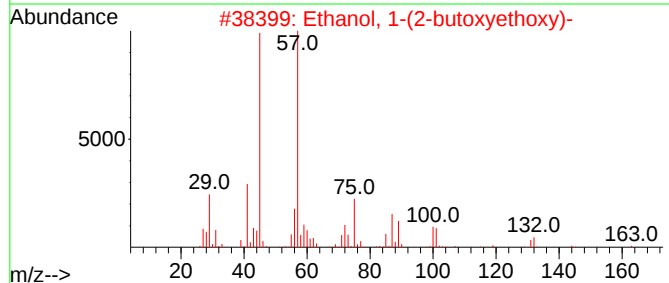
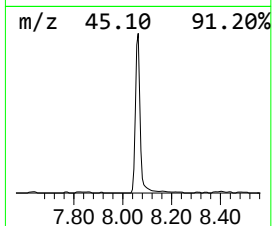
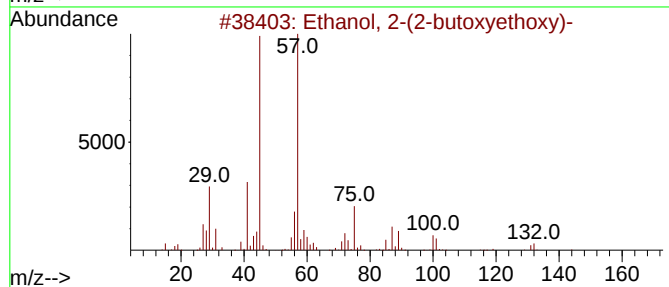
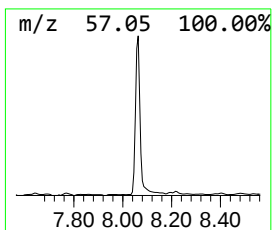
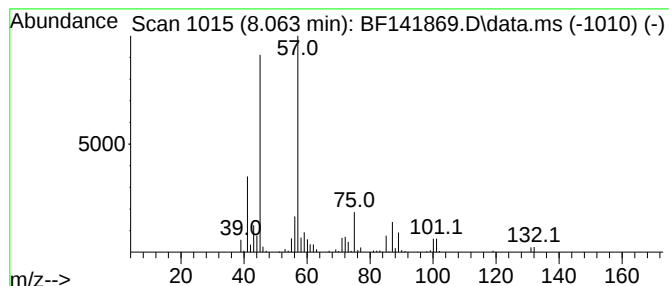
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.063	3.45 ng	199610	Naphthalene-d8	8.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	53
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

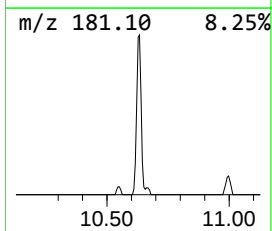
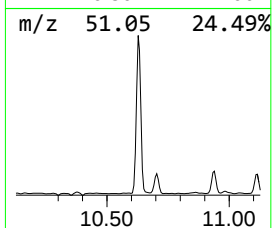
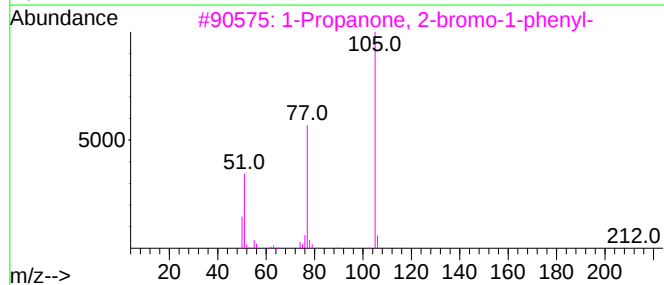
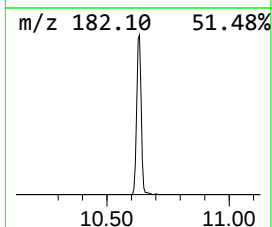
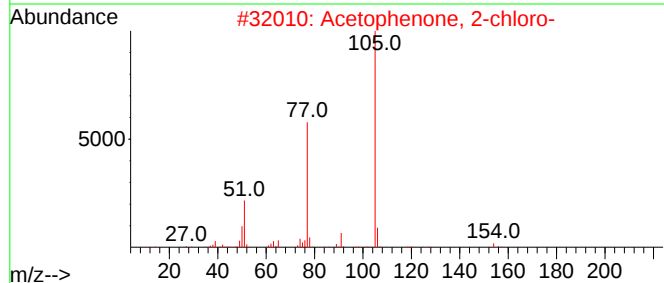
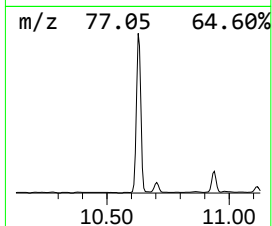
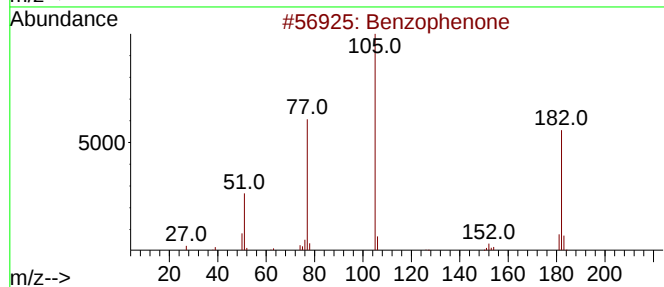
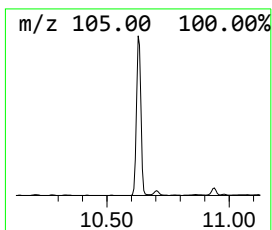
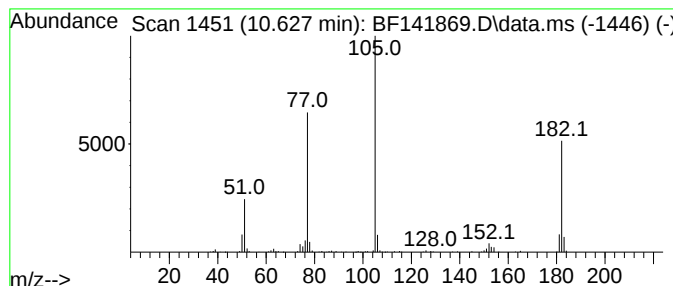
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	4.75 ng	313746	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

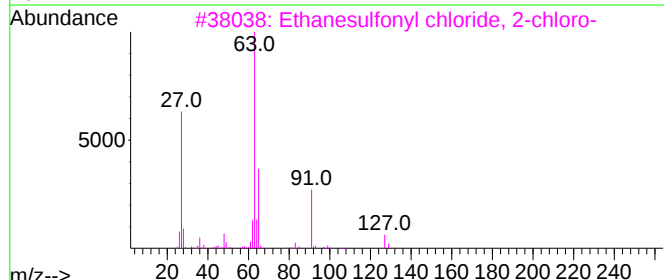
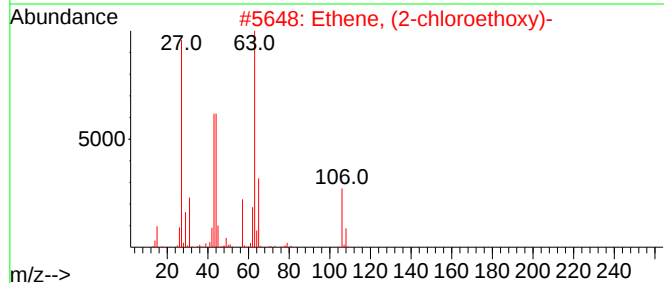
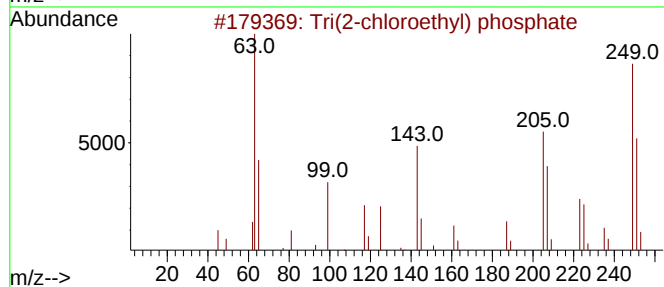
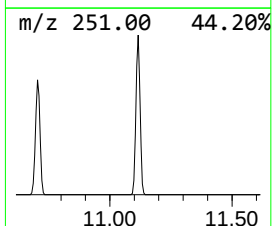
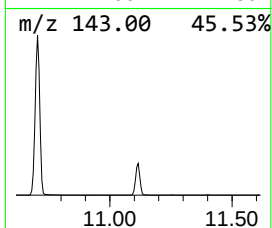
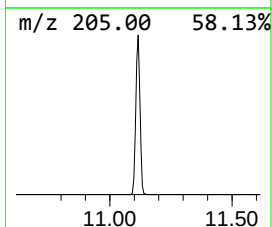
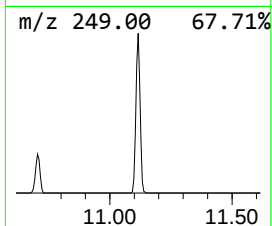
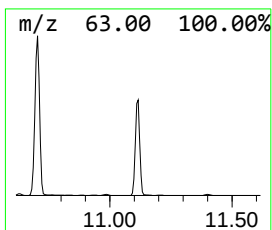
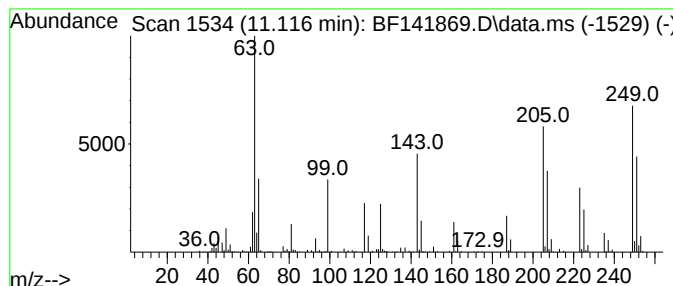
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tri(2-chloroethyl) phosphate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	9.08 ng	601429	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
2			Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	47
3			Ethanesulfonyl chloride, 2-chloro-	162	C2H4Cl2O2S	001622-32-8	47
4			1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	47
5			Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

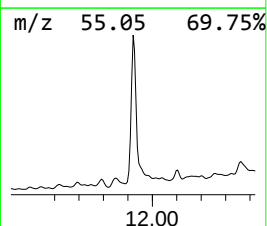
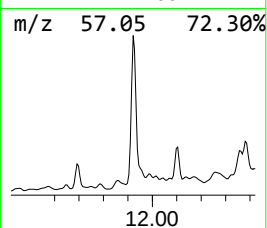
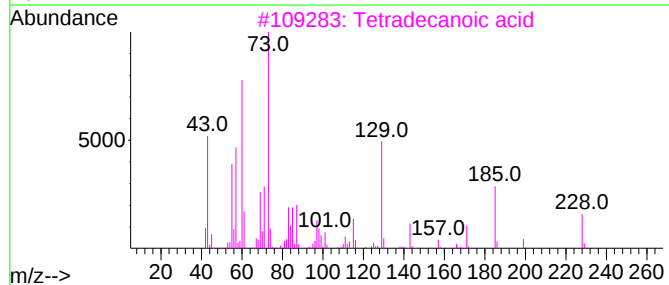
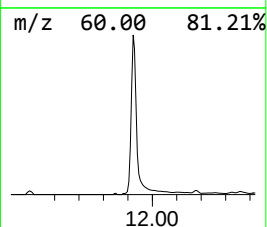
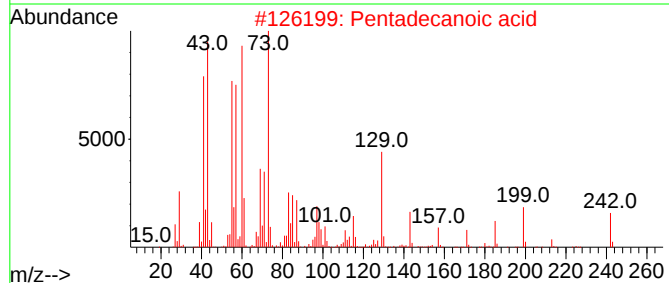
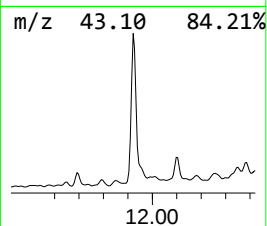
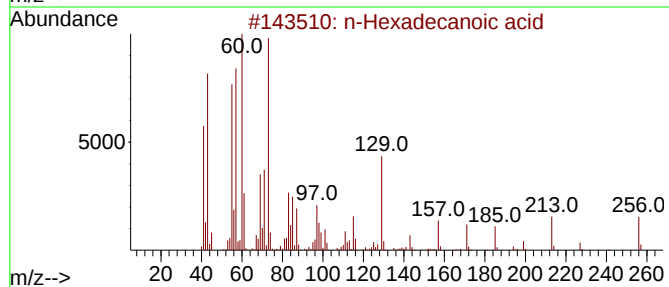
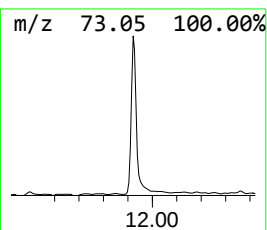
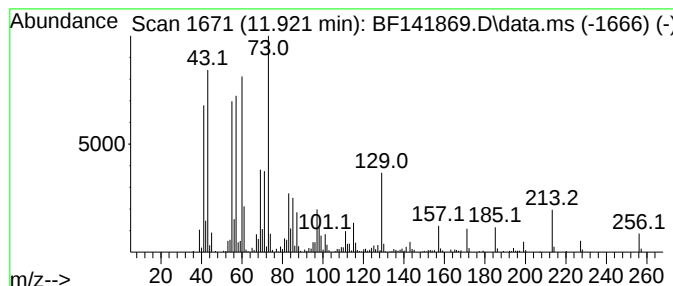
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

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

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.921	7.75 ng	513811	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	90
4	Tridecanoic acid		214	C13H26O2	000638-53-9	89
5	8-Methylnonanoic acid		172	C10H20O2	005963-14-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

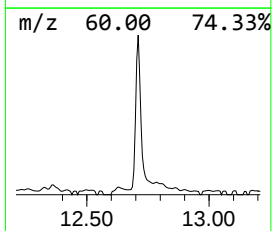
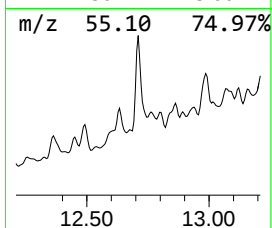
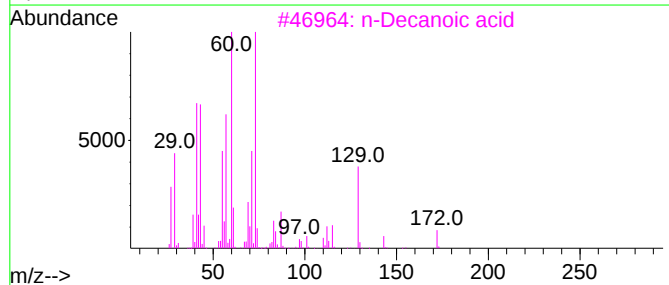
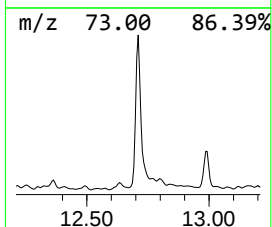
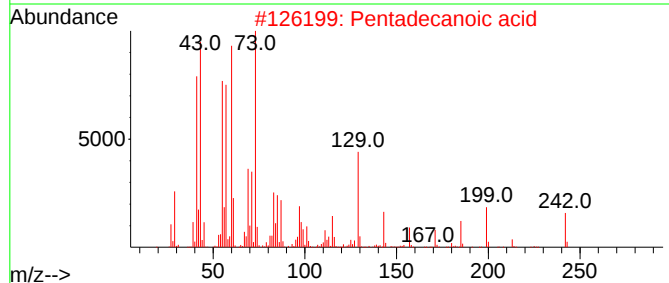
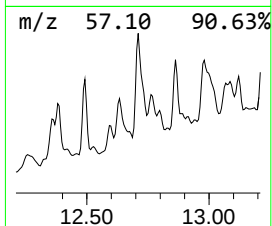
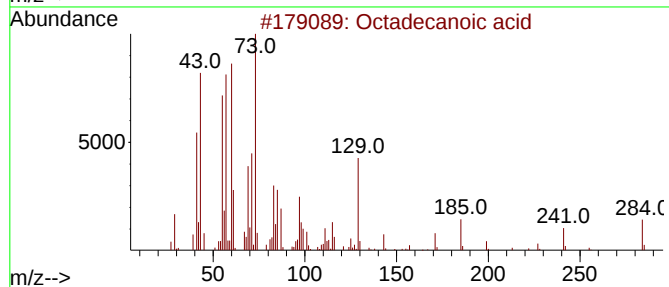
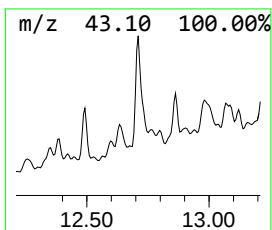
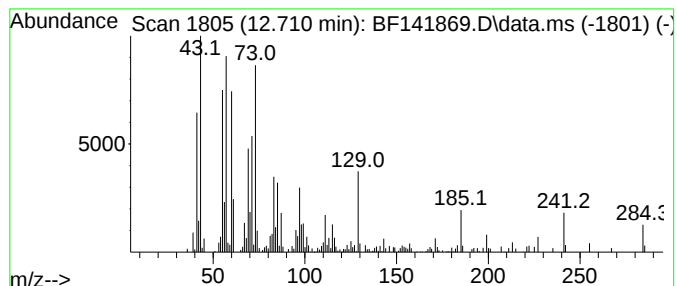
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.18 ng	210596	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3			n-Decanoic acid	172	C10H20O2	000334-48-5	60
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35
5			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

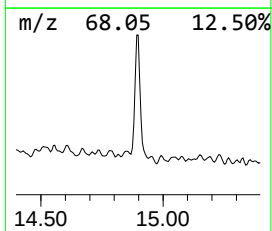
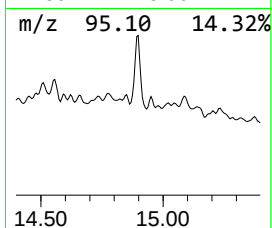
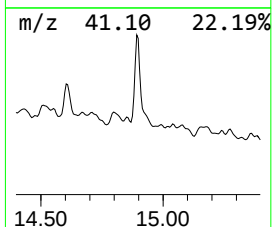
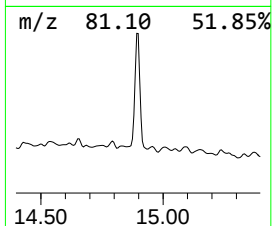
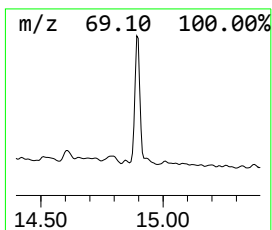
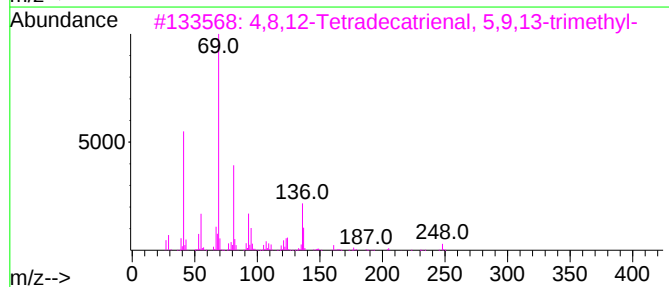
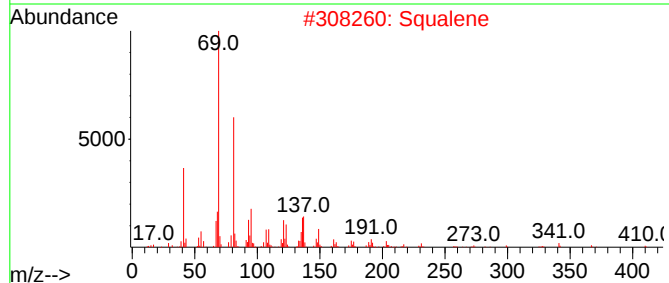
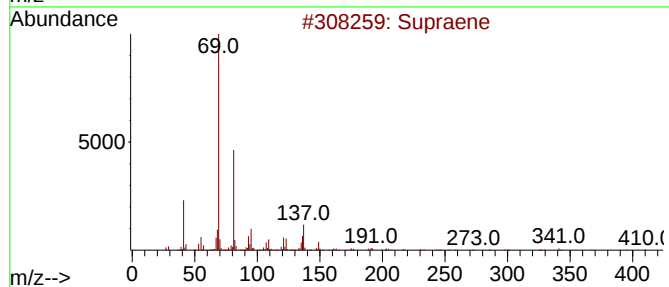
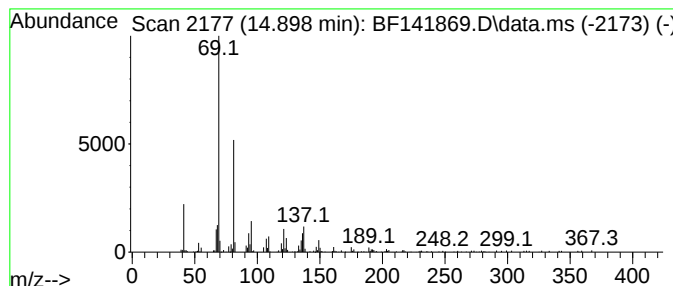
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Supraene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	2.30 ng	135144	Perylene-d12	15.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	90
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4			4,8,12-Tetradecatrienenitrile, 5,...	245	C17H27N	005981-31-7	59
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141869.D
Acq On : 06 Mar 2025 15:30
Operator : RC/JU
Sample : Q1478-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-02-COMP-022825

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	130.7	ng	5770700	1	6.886	883243	20.0
Trichloroethylene	2.534	32.2	ng	1420660	1	6.886	883243	20.0
Propylene Glycol	3.381	3.8	ng	166655	1	6.886	883243	20.0
2-Pentanone, 4-...	5.098	6.7	ng	295839	1	6.886	883243	20.0
Ethanol, 2-(2-b...	8.063	3.5	ng	199610	2	8.163	1155830	20.0
Benzophenone	10.627	4.8	ng	313746	3	9.916	1321980	20.0
Tri(2-chloroeth...	11.116	9.1	ng	601429	4	11.404	1325420	20.0
n-Hexadecanoic ...	11.921	7.8	ng	513811	4	11.404	1325420	20.0
Octadecanoic acid	12.710	3.2	ng	210596	4	11.404	1325420	20.0
Supraene	14.898	2.3	ng	135144	6	15.509	1172850	20.0