

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141868.D
 Acq On : 06 Mar 2025 15:01
 Operator : RC/JU
 Sample : Q1478-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-AQ-IW-03-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: BF141868.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	4	11	27	rVB	3022632	4889276	10.50%	3.536%
2	2.534	61	75	91	rVB	619718	1131415	2.43%	0.818%
3	4.551	410	418	426	rBV	354543	524772	1.13%	0.380%
4	5.498	568	579	584	rBV	1938602	2569729	5.52%	1.858%
5	6.498	744	749	760	rVB	1271938	1631381	3.50%	1.180%
6	6.887	810	815	820	rBV	692812	896277	1.93%	0.648%
7	7.445	903	910	915	rBV	2792445	3842220	8.25%	2.779%
8	8.063	1010	1015	1025	rBV	382554	502812	1.08%	0.364%
9	8.163	1027	1032	1039	rVB	925429	1159805	2.49%	0.839%
10	8.898	1151	1157	1160	rBV	503255	635088	1.36%	0.459%
11	9.239	1209	1215	1220	rBV	5499243	7036824	15.11%	5.089%
12	9.498	1254	1259	1268	rBV	1909997	2429064	5.22%	1.757%
13	9.916	1325	1330	1342	rVB	1070436	1360416	2.92%	0.984%
14	10.704	1455	1464	1469	rBV	3777666	4832207	10.38%	3.495%
15	10.945	1497	1505	1509	rBV3	254293	491217	1.06%	0.355%
16	11.116	1529	1534	1539	rBV	974235	1193286	2.56%	0.863%
17	11.404	1578	1583	1590	rVB	981055	1287473	2.77%	0.931%
18	11.810	1644	1652	1657	rBV	13603405	21715609	46.64%	15.704%
19	11.863	1657	1661	1666	rVB	387568	482686	1.04%	0.349%
20	11.927	1666	1672	1679	rBV	319628	520547	1.12%	0.376%
21	11.992	1679	1683	1690	rVB	756881	982446	2.11%	0.710%
22	12.510	1760	1771	1773	rBV2	19622358	46559181	100.00%	33.671%
23	12.598	1781	1786	1791	rVB	9759403	12911206	27.73%	9.337%
24	12.998	1848	1854	1858	rBV	5424168	7268462	15.61%	5.256%
25	13.163	1876	1882	1888	rBV5	190781	521517	1.12%	0.377%
26	13.233	1888	1894	1901	rVB	544338	912918	1.96%	0.660%
27	13.316	1901	1908	1914	rBV2	889888	1892828	4.07%	1.369%
28	13.374	1914	1918	1922	rVV2	366286	543305	1.17%	0.393%
29	13.516	1937	1942	1954	rVB	1083793	1718771	3.69%	1.243%
30	13.645	1961	1964	1967	rVV2	413615	656679	1.41%	0.475%
31	13.674	1967	1969	1974	rVV	416862	574787	1.23%	0.416%
32	13.739	1974	1980	1987	rVB2	600828	1093391	2.35%	0.791%
33	13.839	1987	1997	2007	rBV5	138736	492010	1.06%	0.356%
34	13.980	2017	2021	2025	rVB	672542	855497	1.84%	0.619%
35	14.039	2026	2031	2039	rVB	847789	1130392	2.43%	0.817%
36	15.510	2275	2281	2295	rVB	637477	1031713	2.22%	0.746%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-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

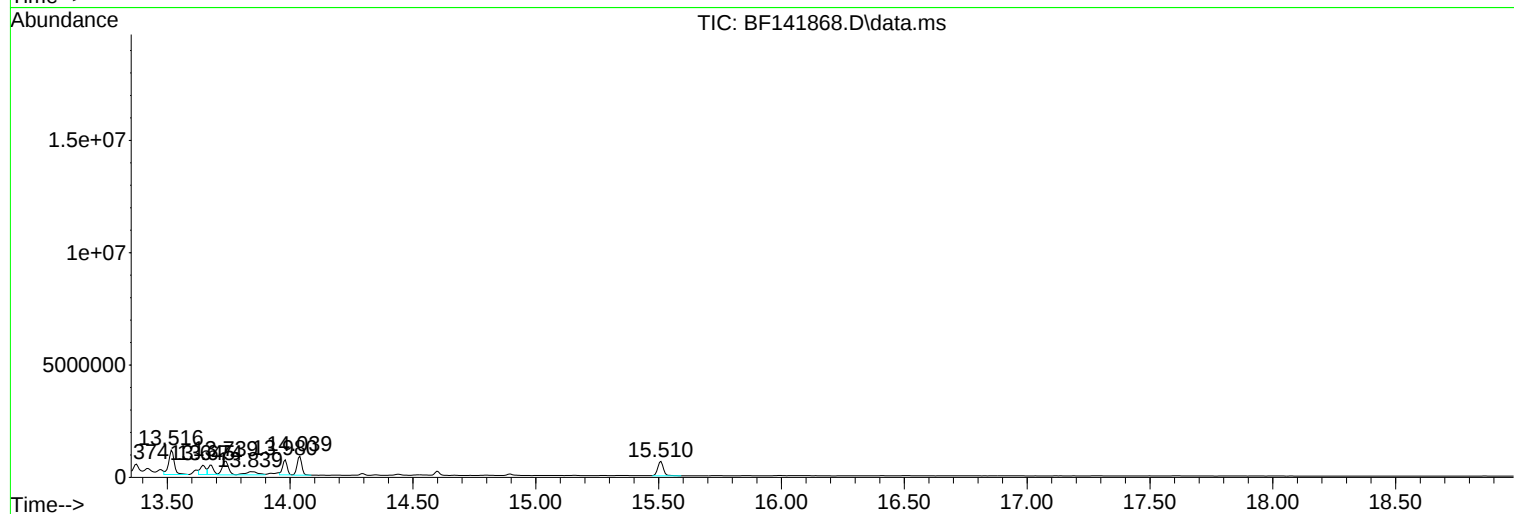
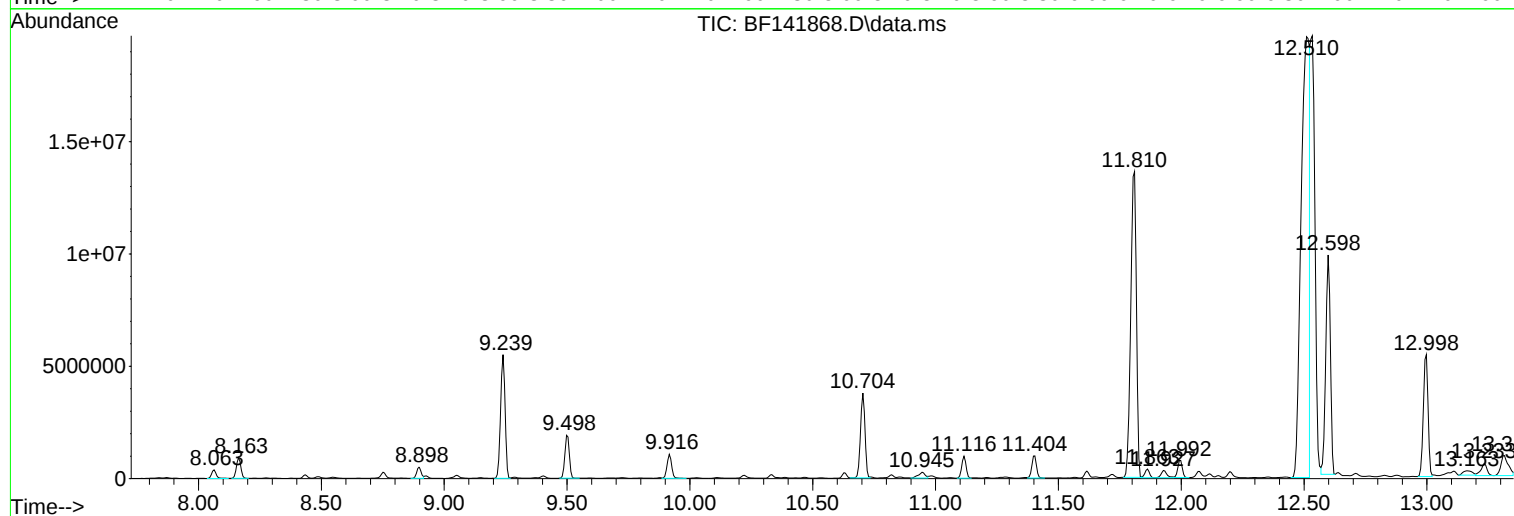
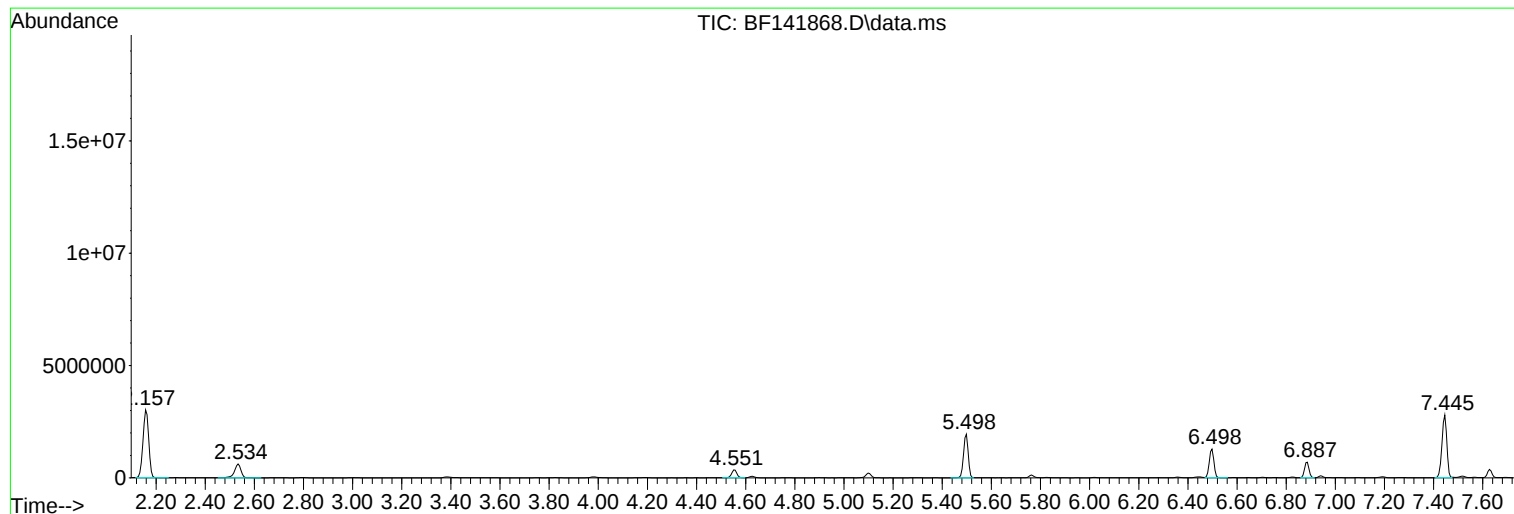
Sum of corrected areas: 138277207

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-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 : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

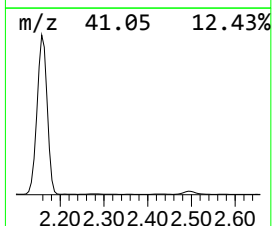
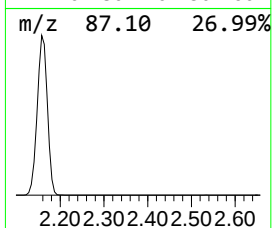
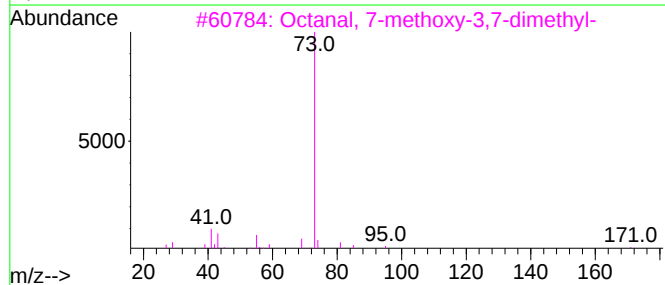
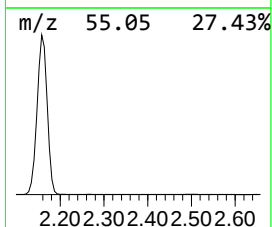
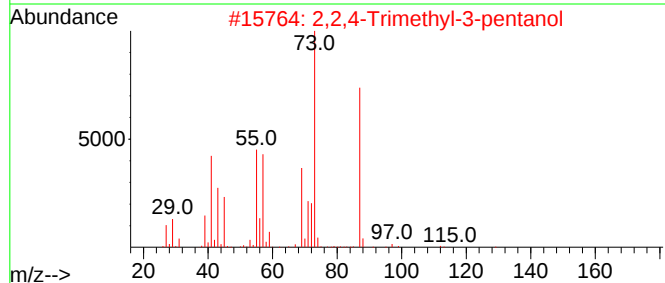
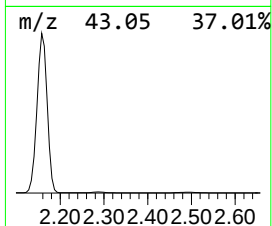
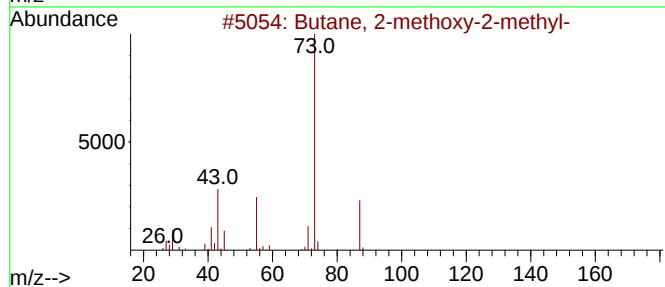
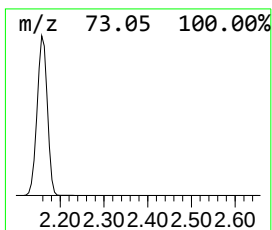
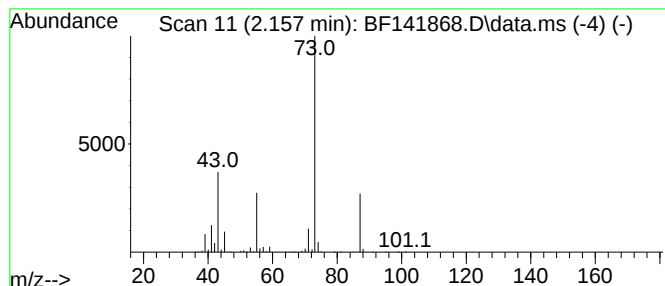
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	109.10 ng	4889280	1,4-Dichlorobenzene-d4	6.887

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 : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

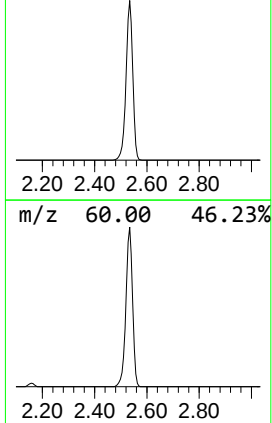
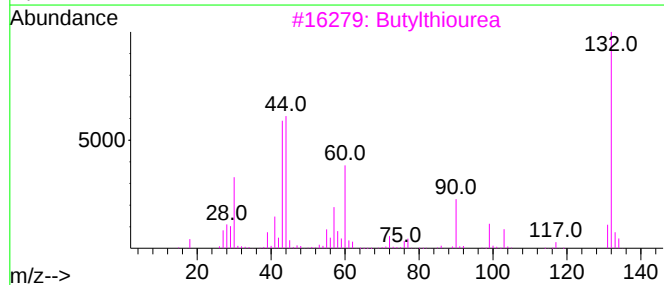
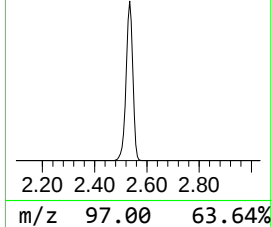
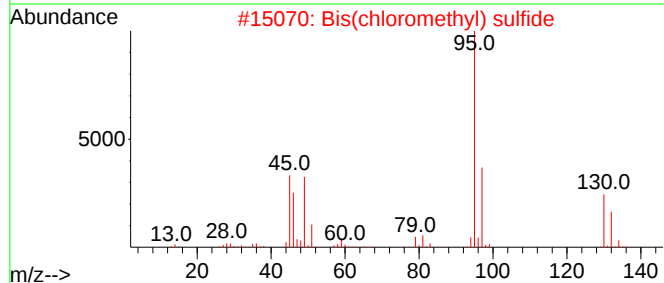
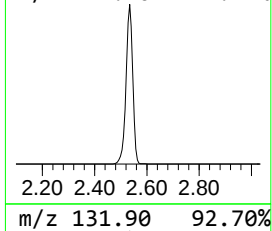
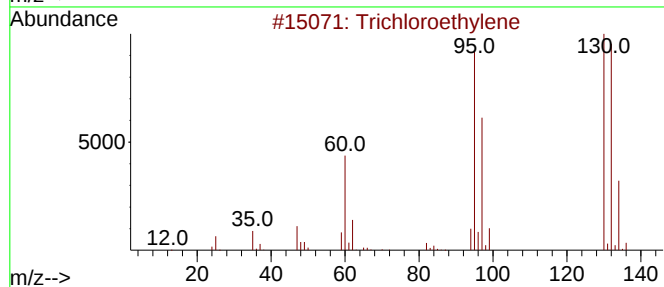
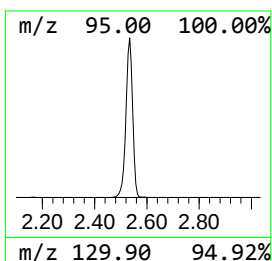
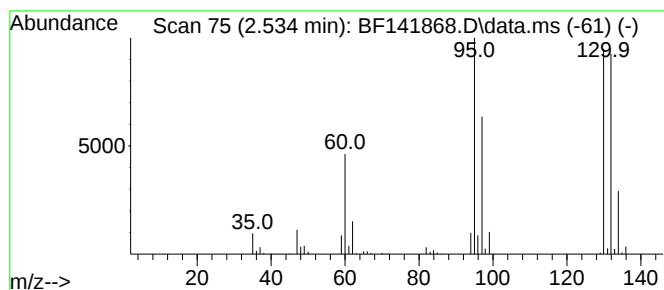
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Trichloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	25.25 ng	1131420	1,4-Dichlorobenzene-d4	6.887

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			Butylthiourea	132	C5H12N2S	001516-32-1	10
4			Pyridine, 1-oxide	95	C5H5NO	000694-59-7	10
5			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

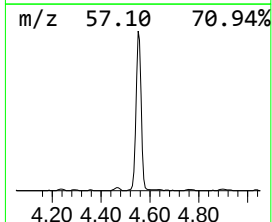
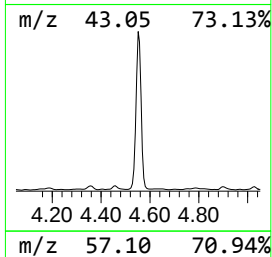
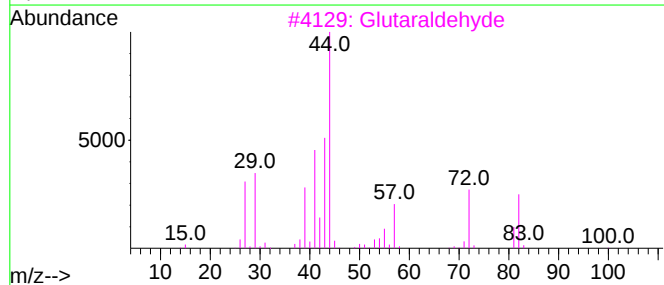
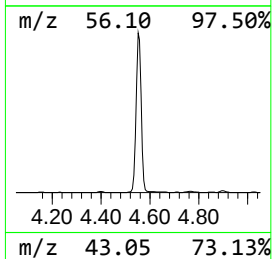
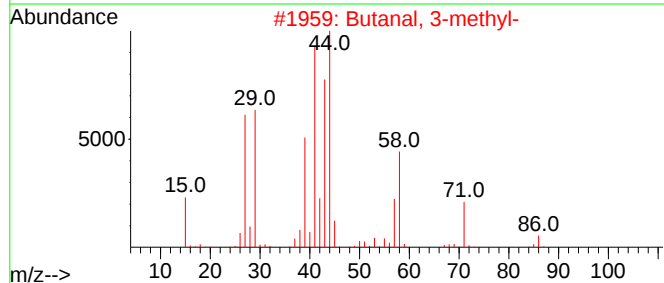
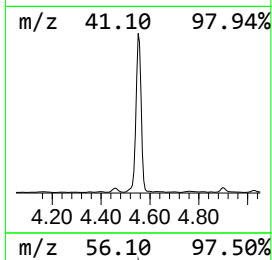
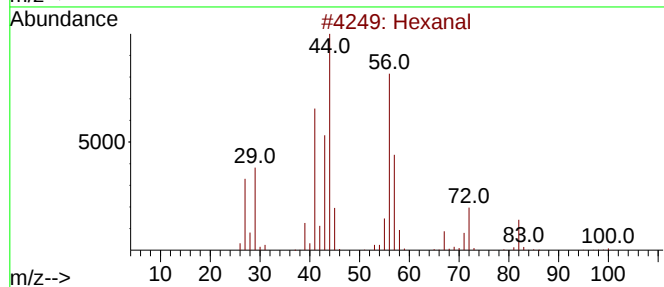
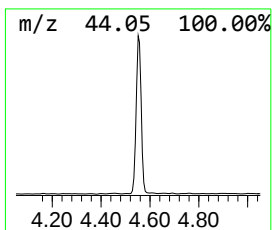
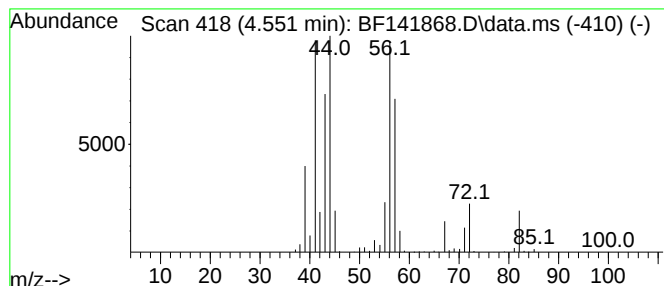
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.551	11.71 ng	524772	1,4-Dichlorobenzene-d4	6.887

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	80
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	25
3			Glutaraldehyde	100	C5H8O2	000111-30-8	14
4			Cyclobutane	56	C4H8	000287-23-0	14
5			Butanal	72	C4H8O	000123-72-8	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

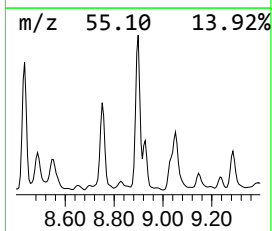
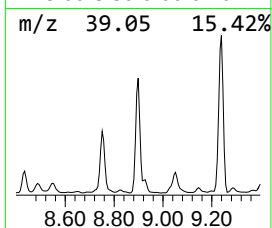
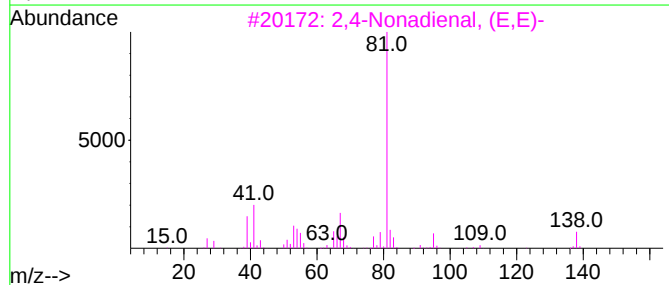
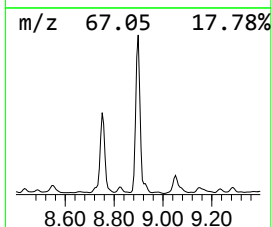
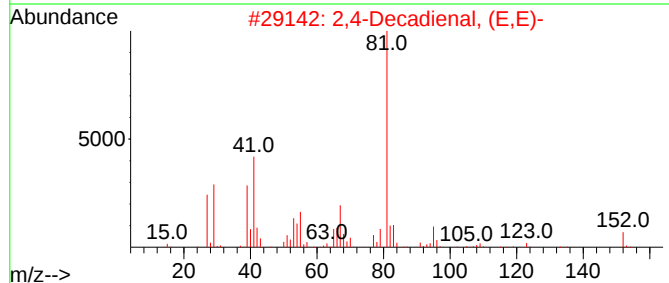
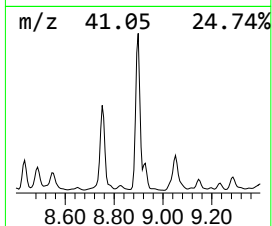
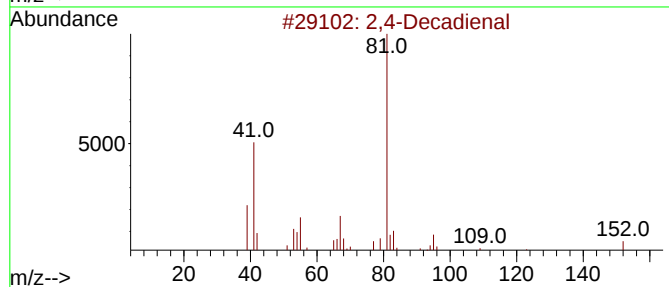
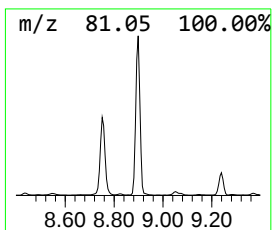
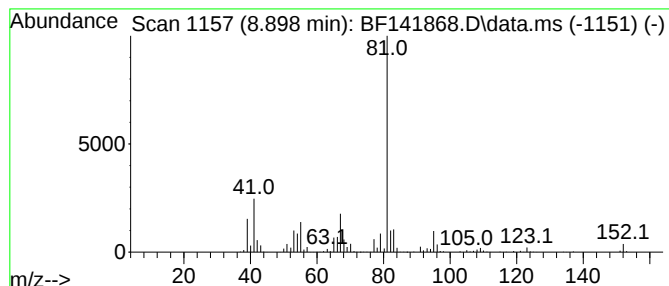
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,4-Decadienal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.898	10.95 ng	635088	Naphthalene-d8	8.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Decadienal		152	C10H16O	002363-88-4	91
2	2,4-Decadienal, (E,E)-		152	C10H16O	025152-84-5	91
3	2,4-Nonadienal, (E,E)-		138	C9H14O	005910-87-2	78
4	2,4-Nonadienal		138	C9H14O	006750-03-4	78
5	Furan, 2-hexyl-		152	C10H16O	003777-70-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

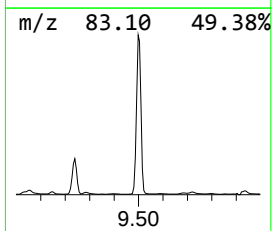
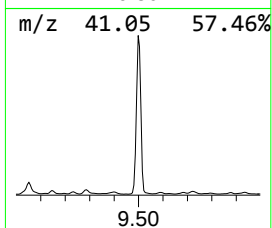
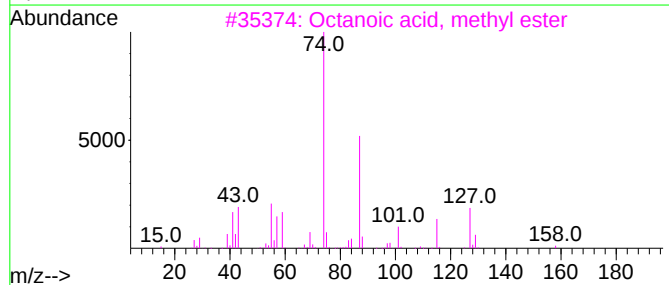
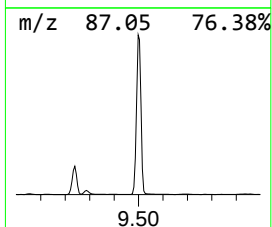
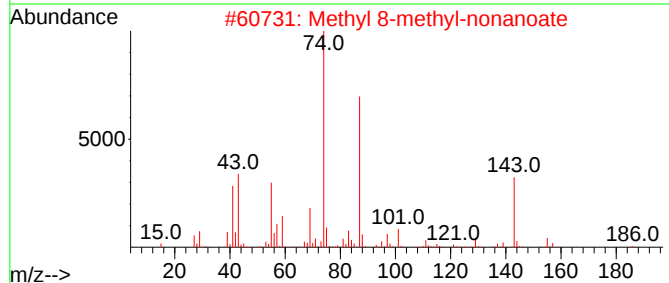
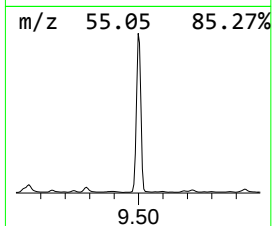
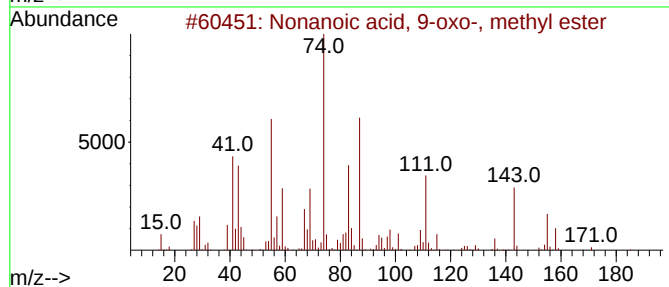
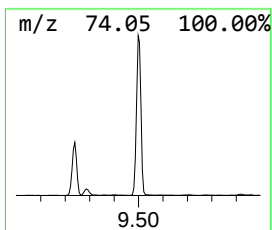
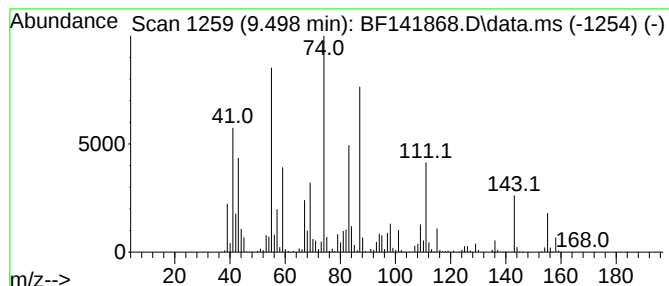
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonanoic acid, 9-oxo-, meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	35.71 ng	2429060	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	91
2			Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	47
3			Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	43
4			Pentanoic acid, 4-methyl-, methy...	130	C7H14O2	002412-80-8	43
5			7-Methyloctanoic acid, methyl ester	172	C10H20O2	005129-53-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

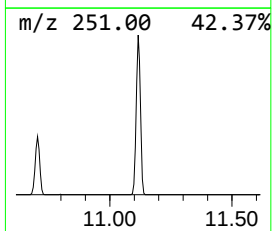
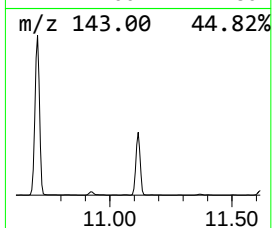
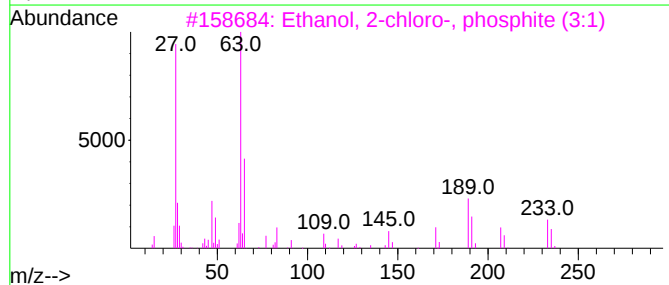
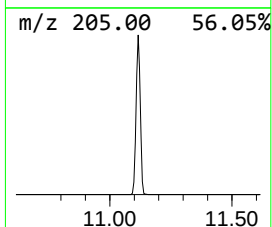
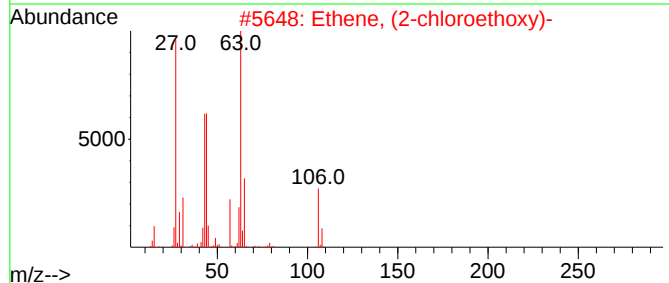
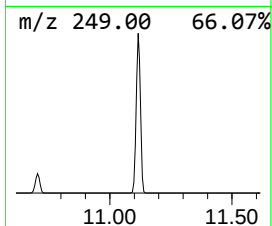
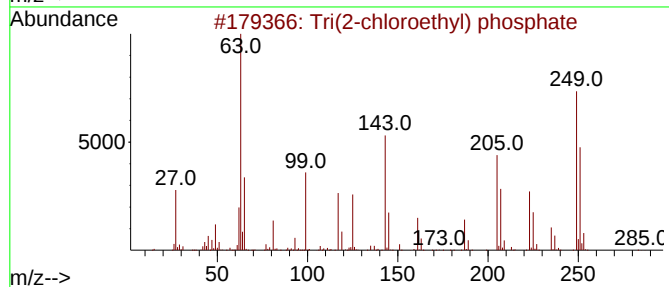
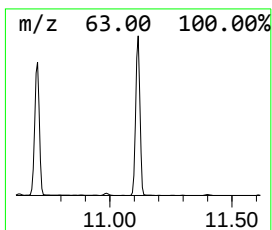
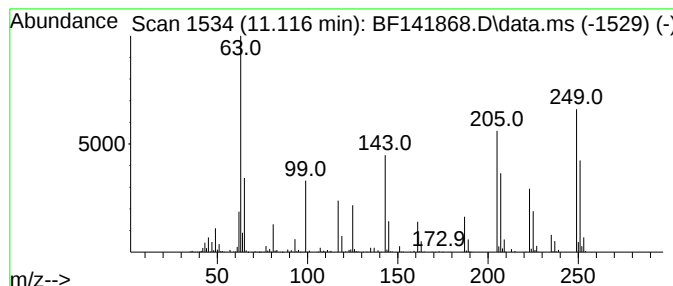
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tri(2-chloroethyl) phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.116	18.54 ng	1193290	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			Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	38
4			Oxalyl chloride	126	C2Cl2O2	000079-37-8	38
5			Trichloroacetic acid, 2-chloroet...	224	C4H4Cl4O2	1000330-88-7	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

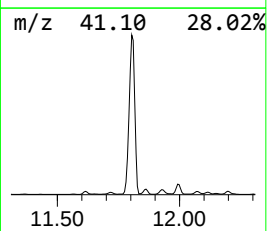
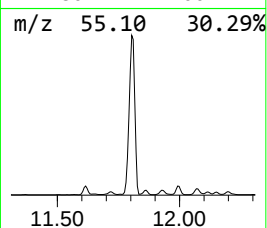
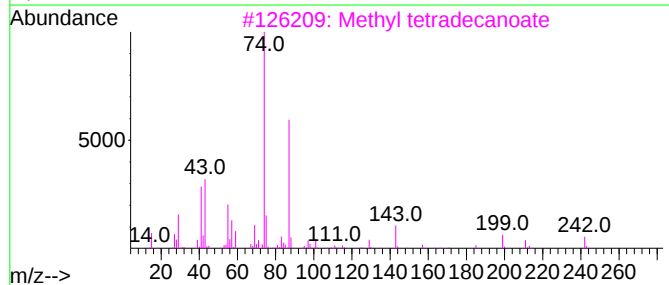
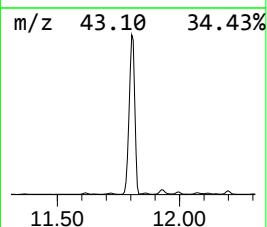
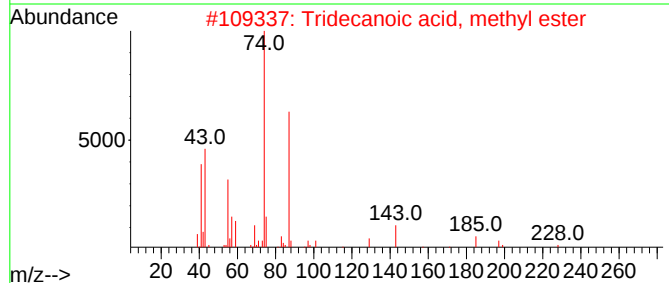
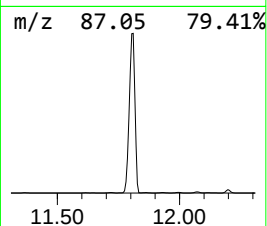
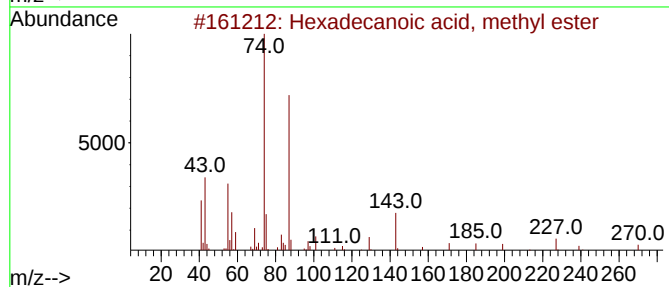
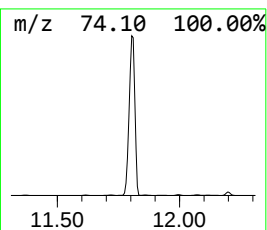
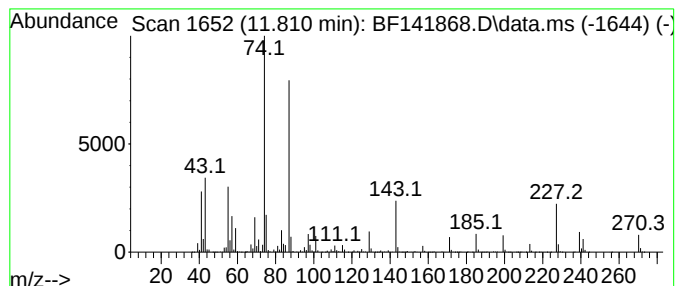
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	337.34 ng	21715600	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	81
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

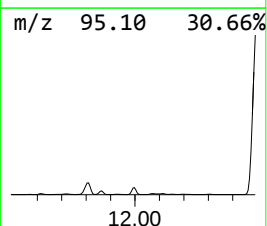
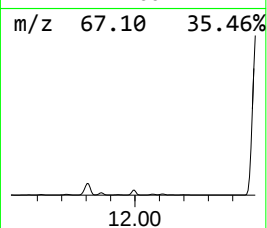
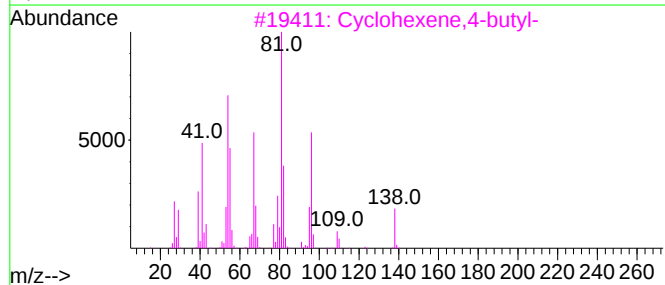
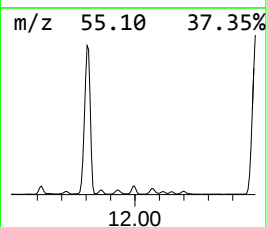
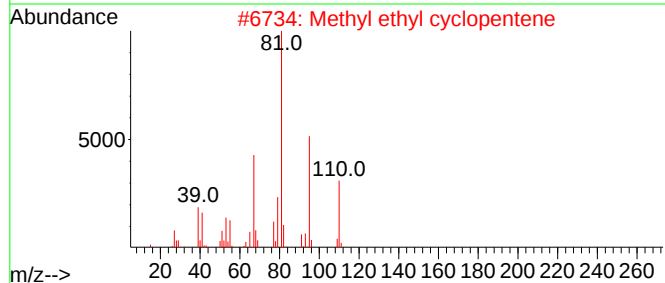
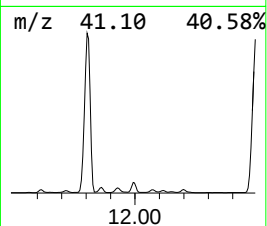
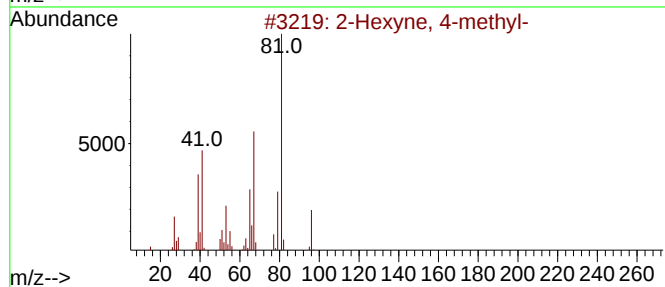
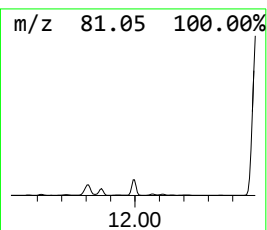
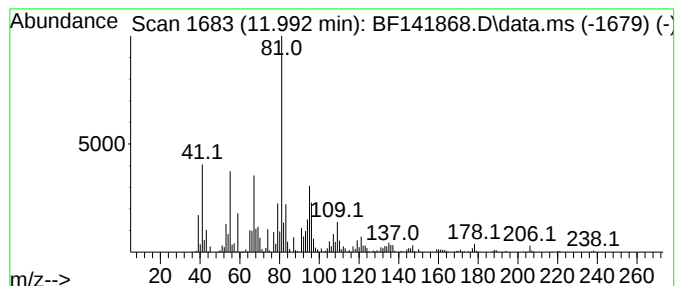
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

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 2-Hexyne, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.992	15.26 ng	982446	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexyne, 4-methyl-		96	C7H12	020198-49-6	53
2	Methyl ethyl cyclopentene		110	C8H14	019780-56-4	52
3	Cyclohexene,4-butyl-		138	C10H18	021524-26-5	50
4	Pentane, 1-chloro-5-(methylenecy...		158	C9H15Cl	1000158-49-0	50
5	Cyclohexene, 3-methyl-		96	C7H12	000591-48-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

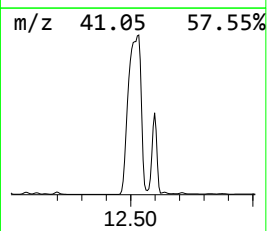
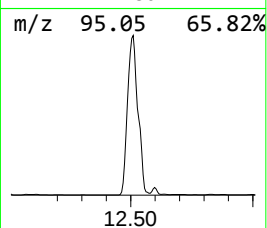
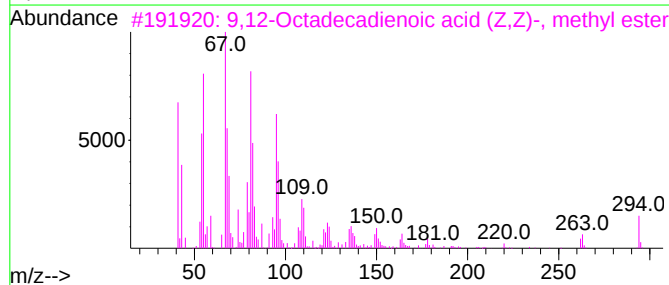
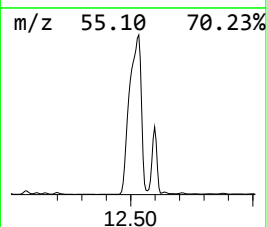
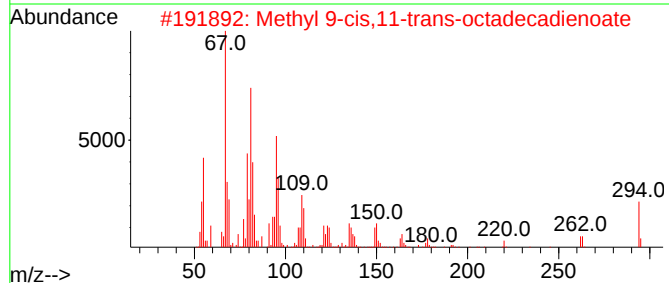
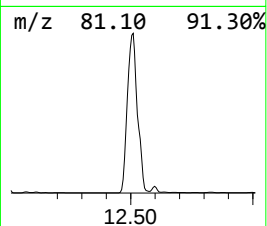
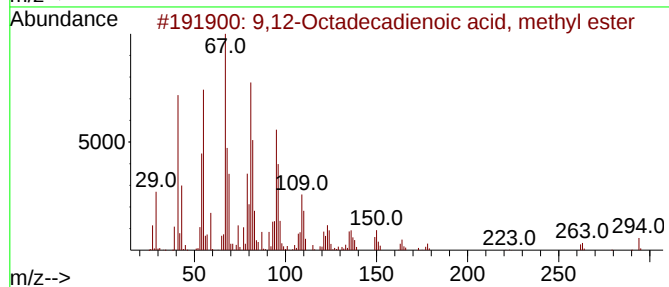
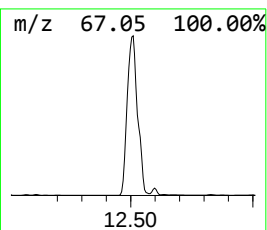
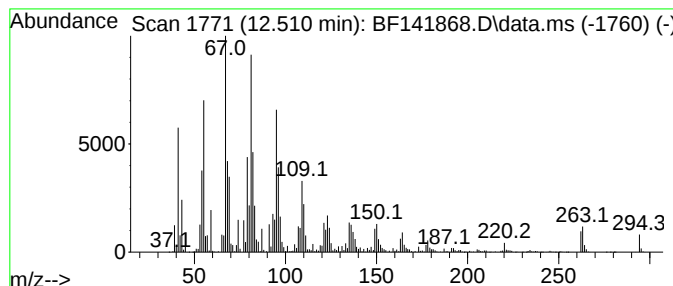
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	723.26 ng	46559200	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

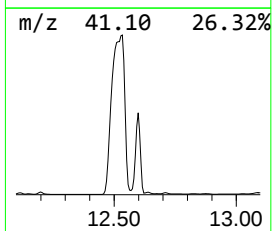
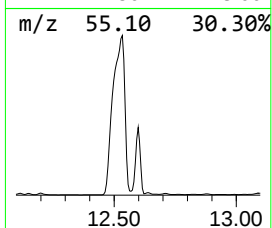
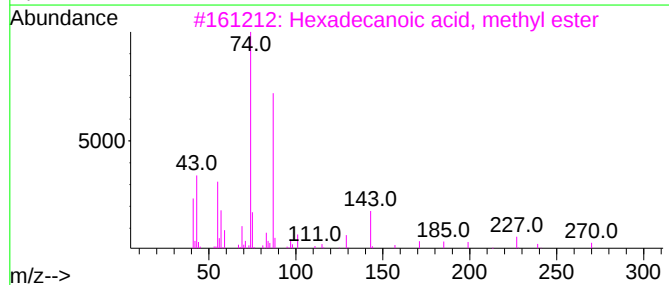
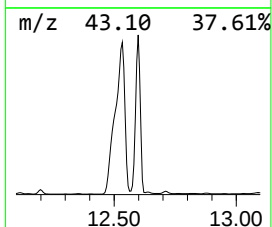
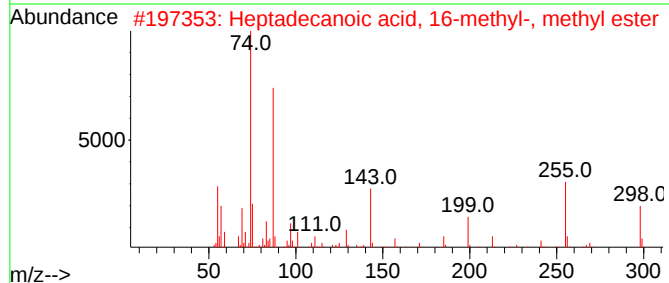
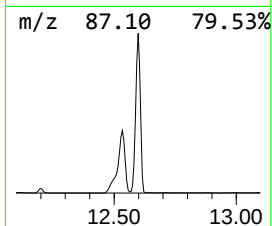
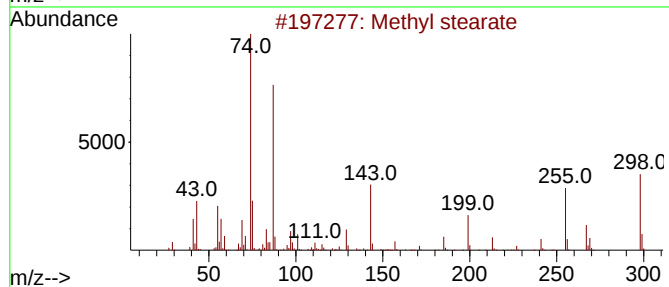
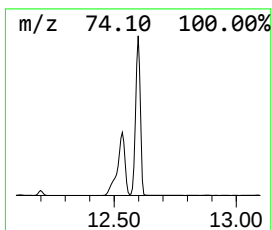
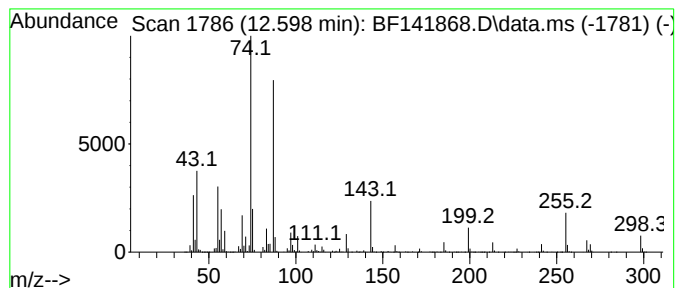
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	200.57 ng	12911200	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

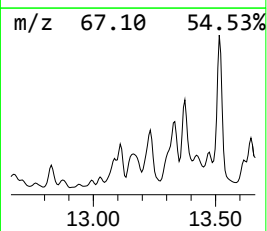
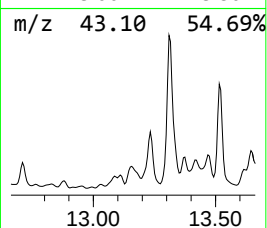
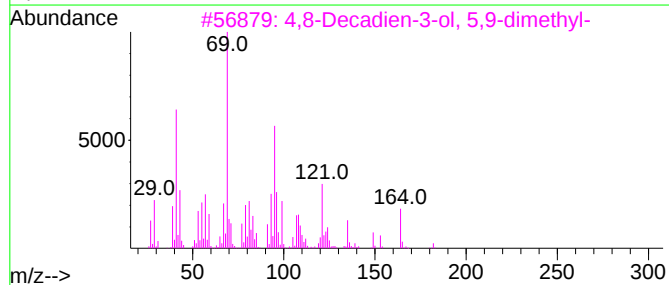
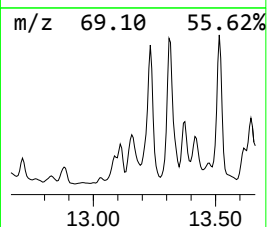
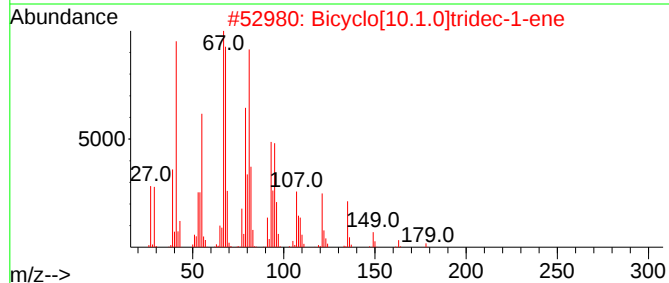
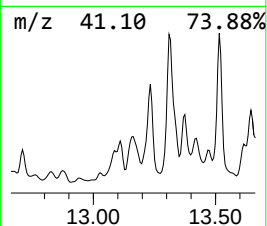
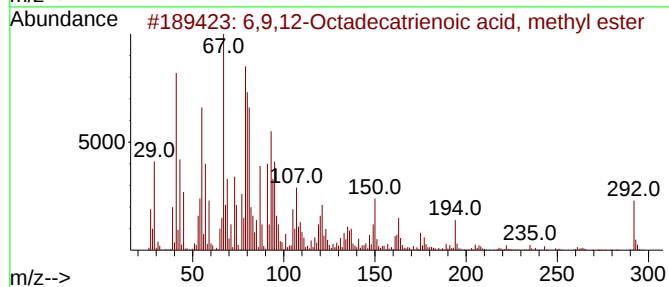
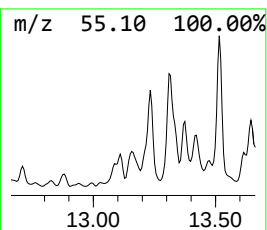
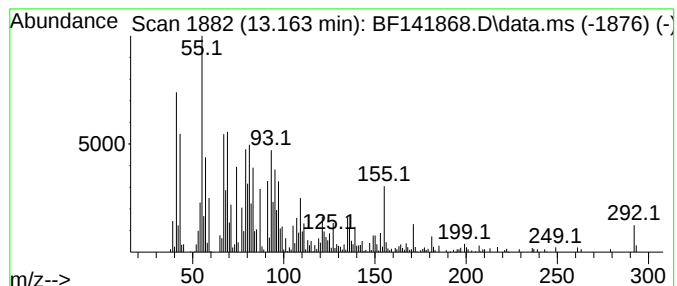
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.163 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	9.23 ng	521517	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6,9,12-Octadecatrienoic acid, me...	292	C19H32O2	002676-41-7	49
2			Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	35
3			4,8-Decadien-3-ol, 5,9-dimethyl-	182	C12H22O	067845-54-9	35
4			1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	35
5			(1R,2S,4R)-2,7,7-Trimethylbicycl...	154	C10H18O	003247-40-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

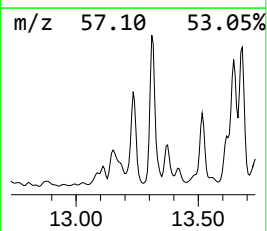
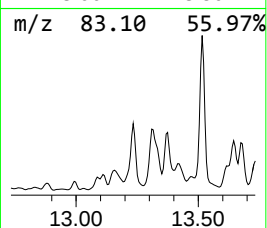
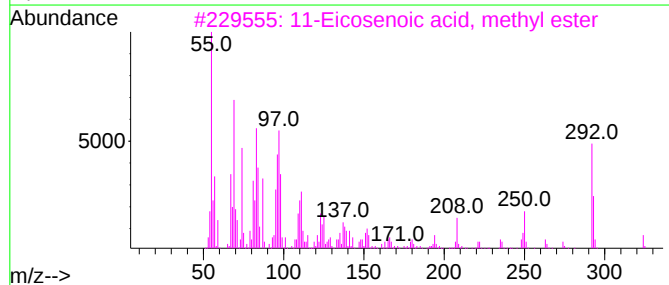
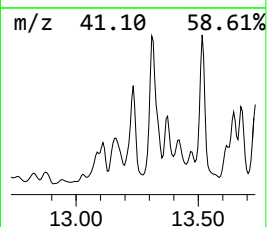
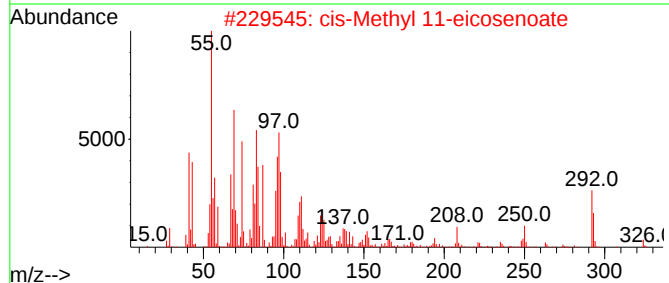
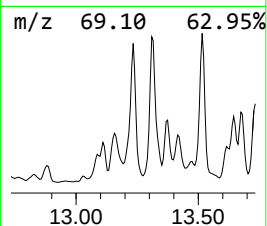
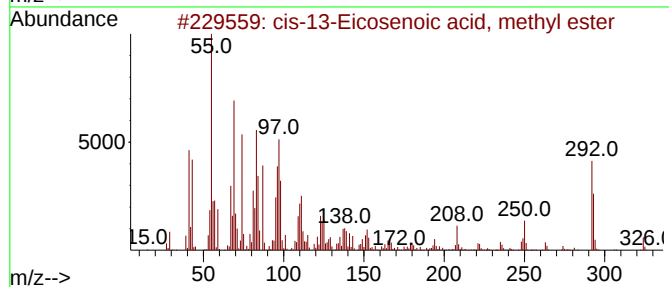
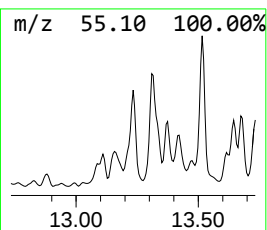
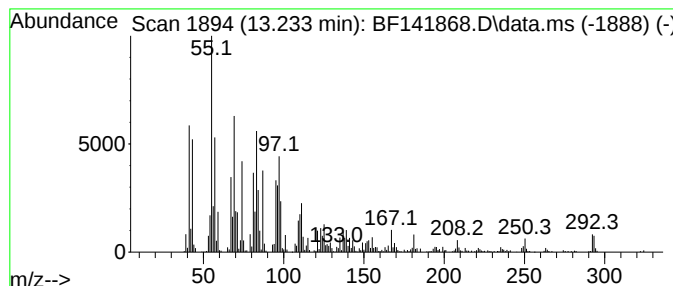
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 cis-13-Eicosenoic acid, met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	16.15 ng	912918	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	99
2			cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	99
3			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
4			cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	93
5			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

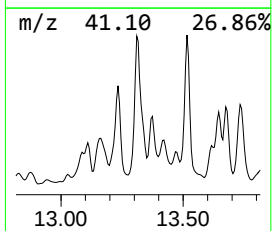
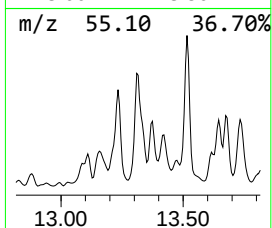
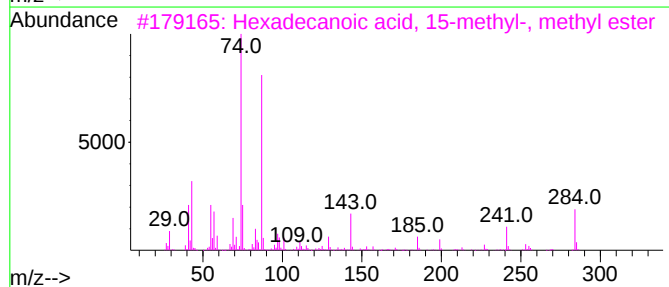
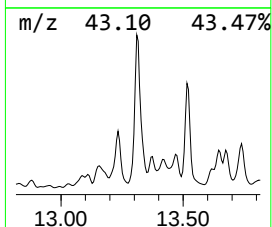
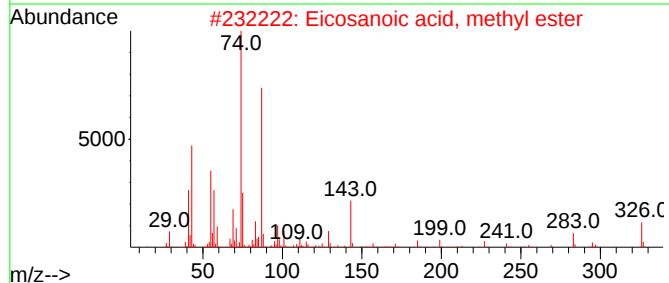
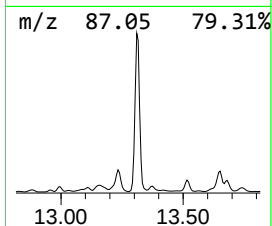
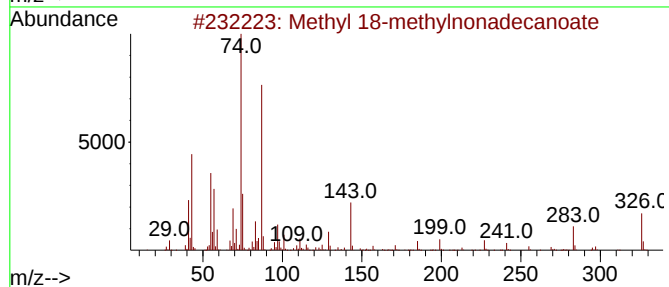
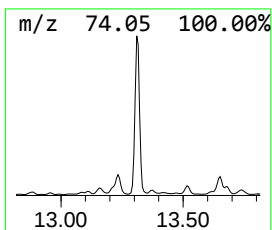
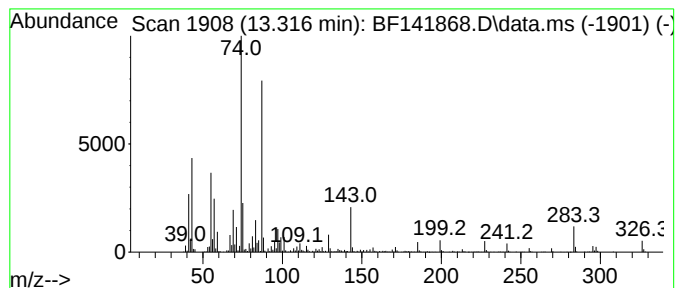
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl 18-methylnonadecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	33.49 ng	1892830	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	97
2			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3			Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
5			Methyl stearate	298	C19H38O2	000112-61-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

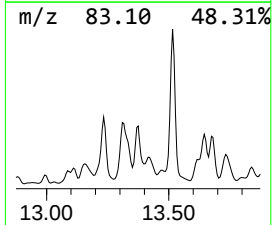
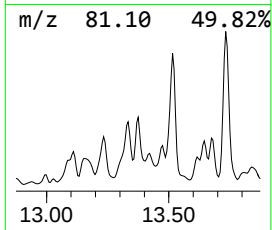
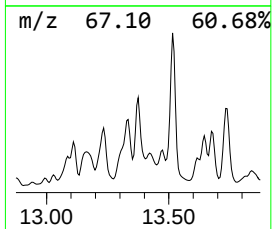
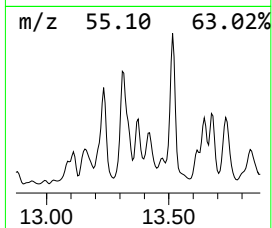
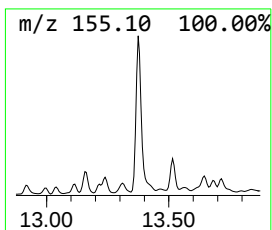
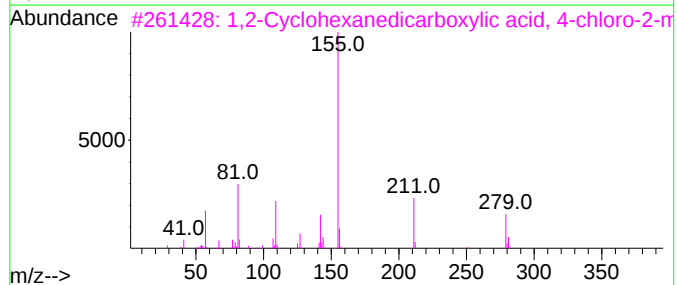
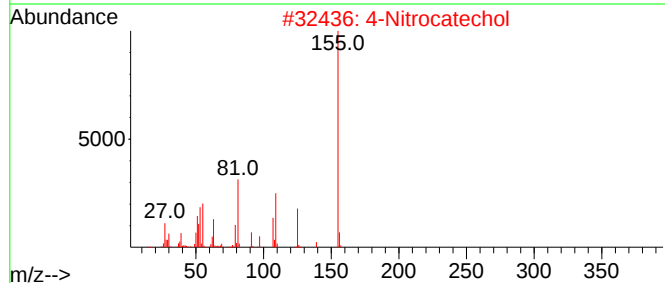
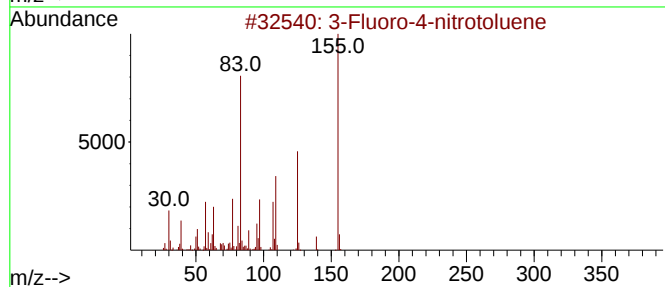
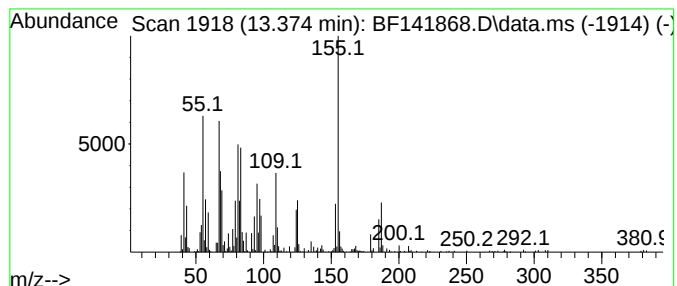
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.374 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	9.61 ng	543305	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluoro-4-nitrotoluene	155	C7H6FN02	000446-34-4	50
2			4-Nitrocatechol	155	C6H5N04	003316-09-4	38
3			1,2-Cyclohexanedicarboxylic acid...	352	C19H25Cl04	1000339-79-1	27
4			2-Acetylthiophene-O-methyloxime	155	C7H9N0S	1000342-45-6	27
5			1,2-Cyclohexanedicarboxylic acid...	372	C18H22Cl204	1000339-84-2	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

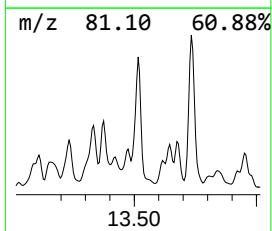
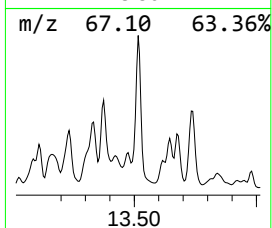
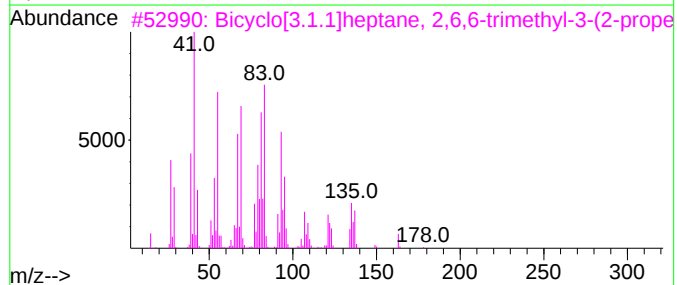
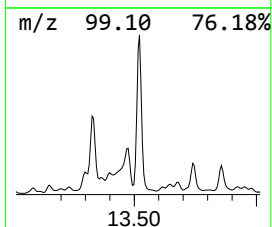
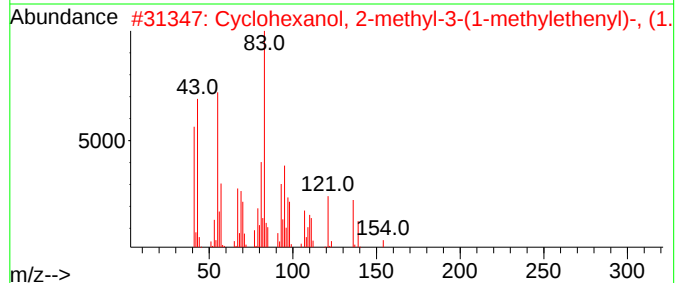
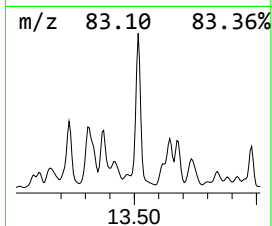
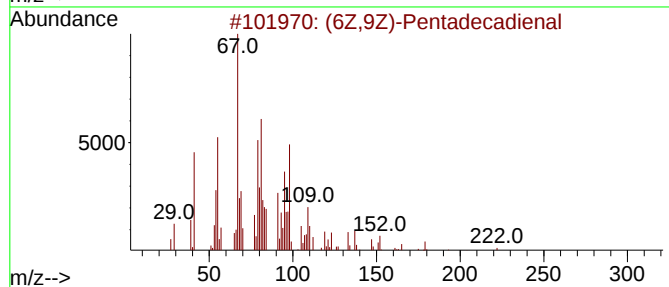
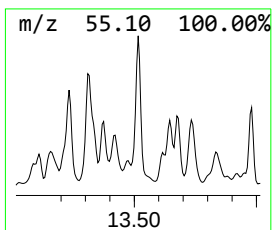
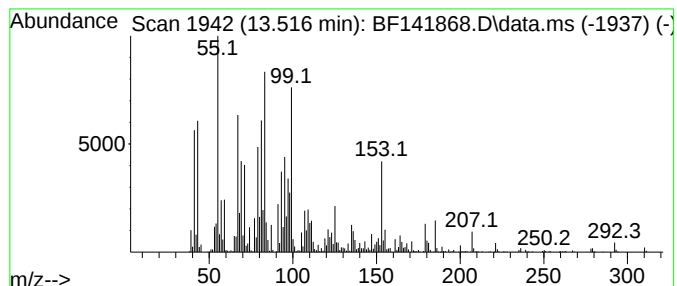
Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

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 15 (6Z,9Z)-Pentadecadienal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.516	30.41 ng	1718770	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(6Z,9Z)-Pentadecadienal	222	C15H26O	121781-63-3	90
2	Cyclohexanol, 2-methyl-3-(1-meth...	154	C10H18O	054244-81-4	41
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	178	C13H22	050746-55-9	25
4	Tiadinil	267	C11H10ClN3OS	223580-51-6	25
5	Cyclohexaneethanol, .beta.-methy...	140	C9H16O	007697-55-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

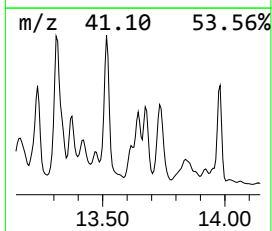
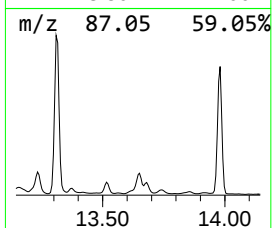
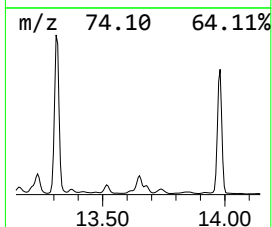
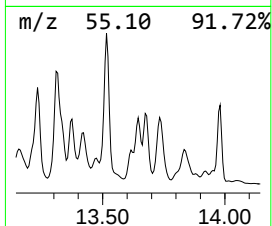
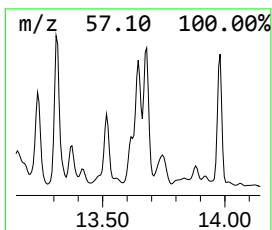
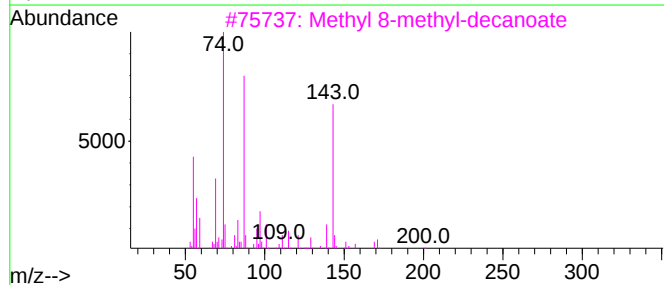
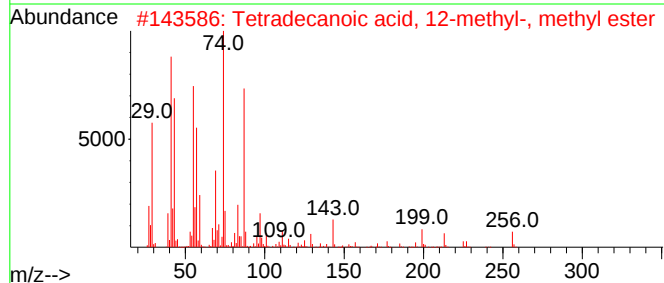
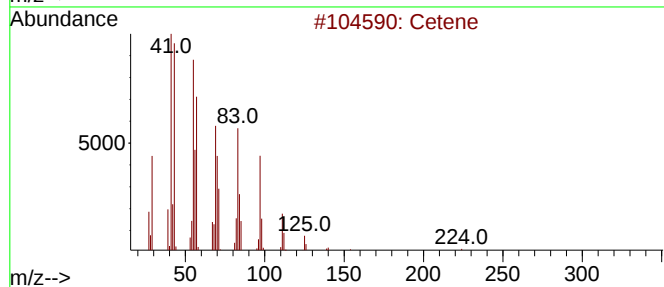
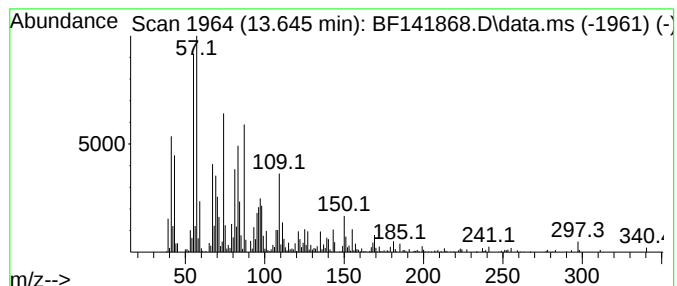
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.645 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	11.62 ng	656679	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	45
2			Tetradecanoic acid, 12-methyl-, ...	256	C16H32O2	005129-66-8	35
3			Methyl 8-methyl-decanoate	200	C12H24O2	1010336-49-1	25
4			Cyclododecane	168	C12H24	000294-62-2	25
5			Tetradecanoic acid, 5,9,13-trime...	284	C18H36O2	056196-55-5	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

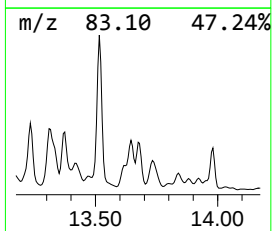
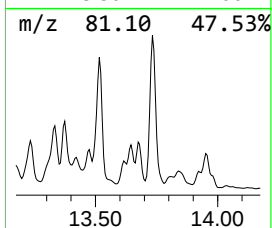
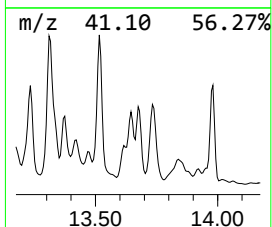
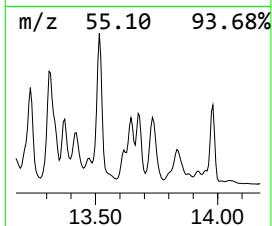
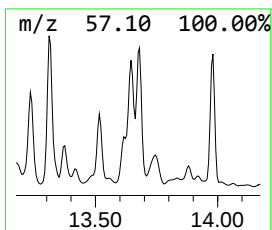
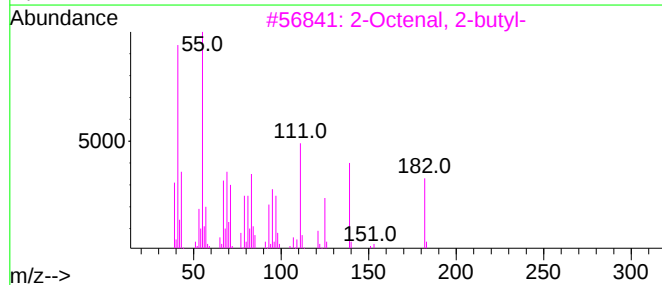
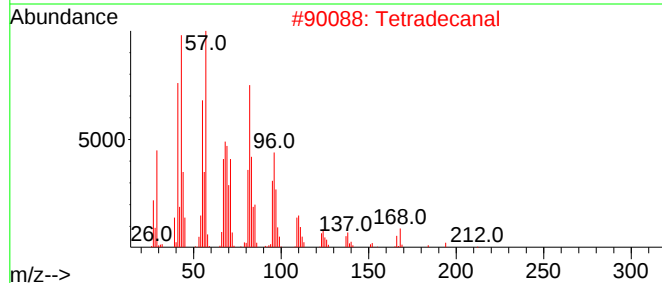
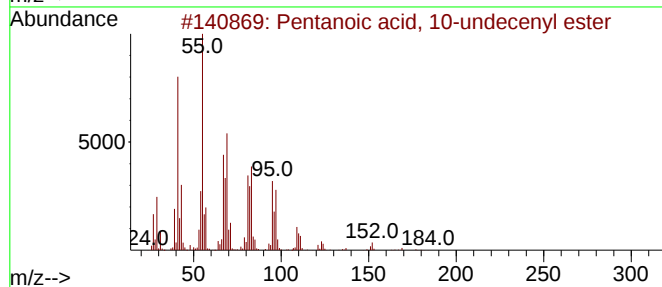
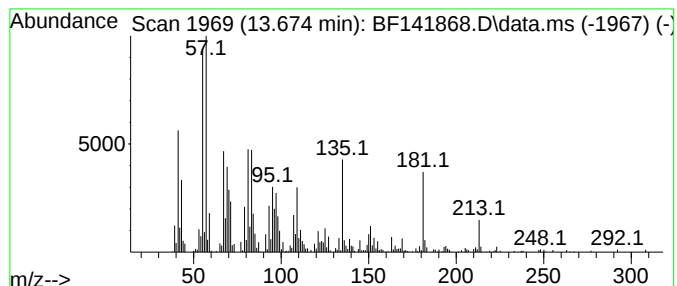
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.674 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	10.17 ng	574787	Chrysene-d12	14.039

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	49
2		Tetradecanal	212	C14H28O	000124-25-4	46
3		2-Octenal, 2-butyl-	182	C12H22O	013019-16-4	38
4		Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	38
5		7-Tetradecenal, (Z)-	210	C14H26O	065128-96-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

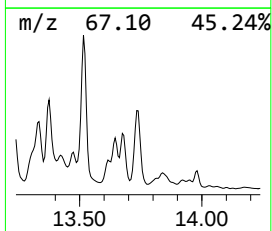
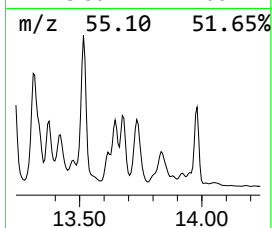
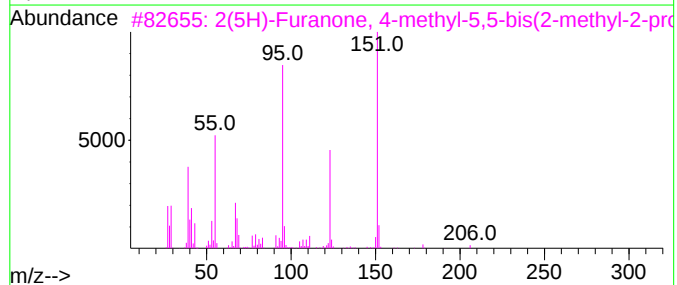
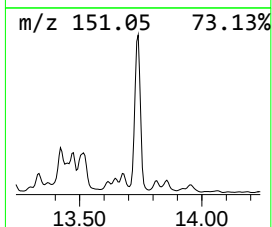
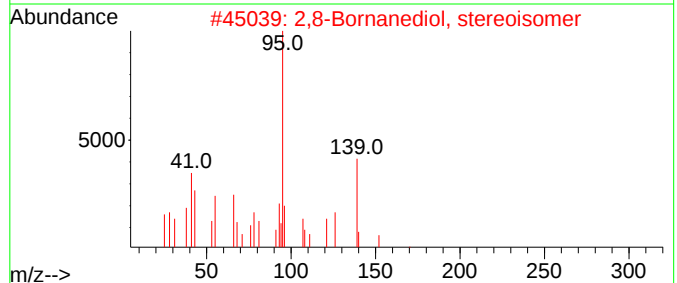
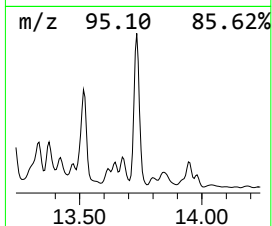
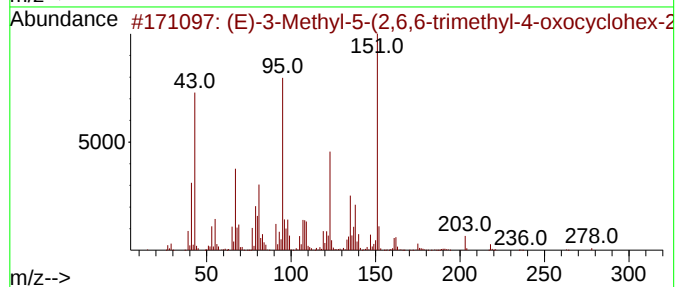
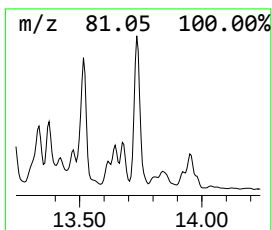
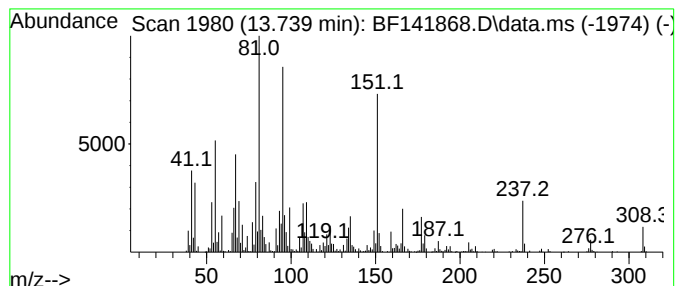
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown13.739 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	19.35 ng	1093390	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Methyl-5-(2,6,6-trimethyl-...	278	C17H26O3	1000495-80-8	35		
2	2,8-Bornanediol, stereoisomer	170	C10H18O2	013429-50-0	30		
3	2(5H)-Furanone, 4-methyl-5,5-bis...	206	C13H18O2	099202-98-9	25		
4	Fumaric acid, 2-pentyl but-3-yn-...	238	C13H18O4	1000405-55-8	15		
5	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	15		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

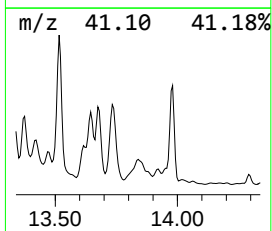
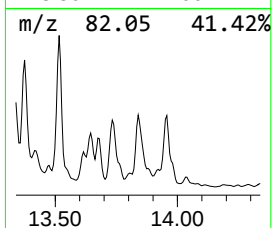
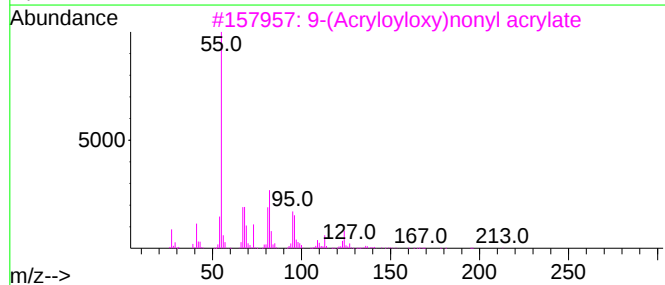
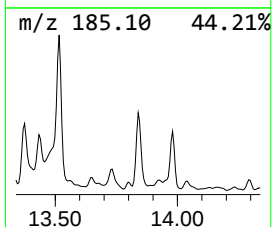
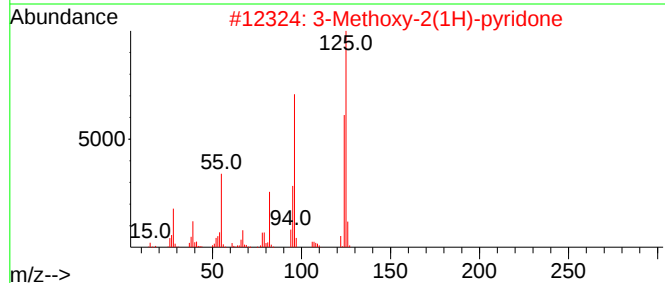
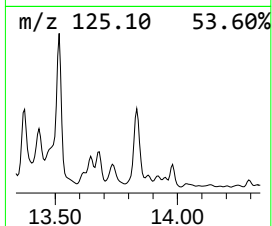
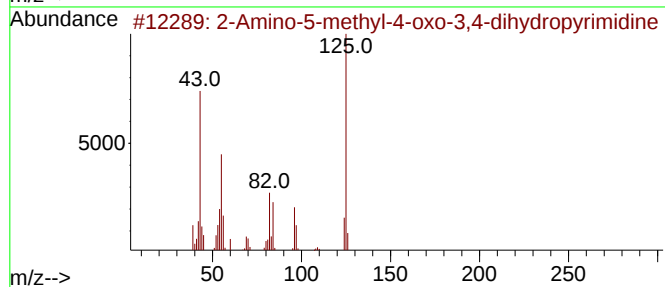
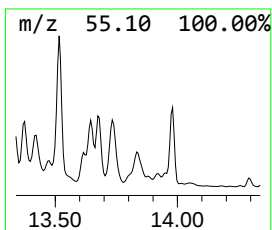
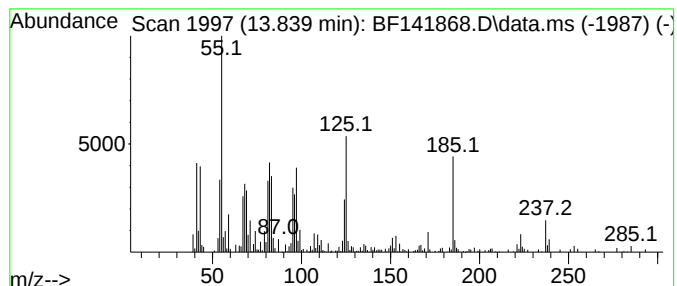
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown13.839 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	8.71 ng	492010	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-methyl-4-oxo-3,4-dihyd...	125	C5H7N3O	015981-91-6	35		
2	3-Methoxy-2(1H)-pyridone	125	C6H7NO2	020928-63-6	30		
3	9-(Acryloyloxy)nonyl acrylate	268	C15H24O4	107481-28-7	27		
4	Ketone, vinyl-pyrrolidinyl-	125	C7H11NO	042104-70-1	25		
5	1,15-Pentadecanediol	244	C15H32O2	014722-40-8	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-COMP-022825

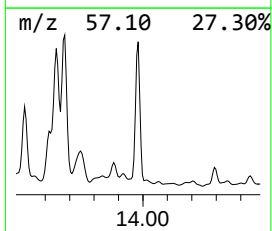
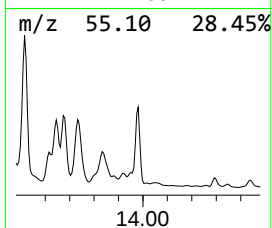
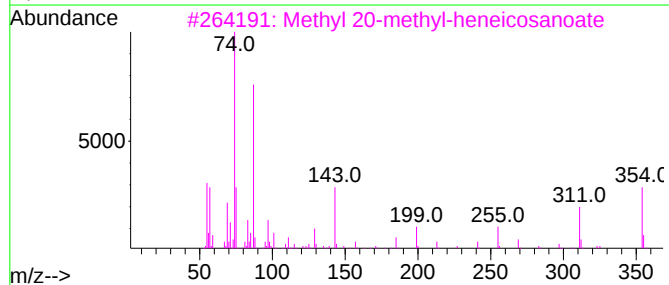
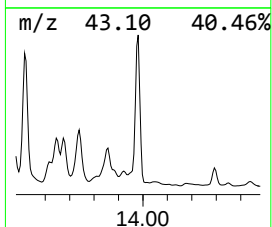
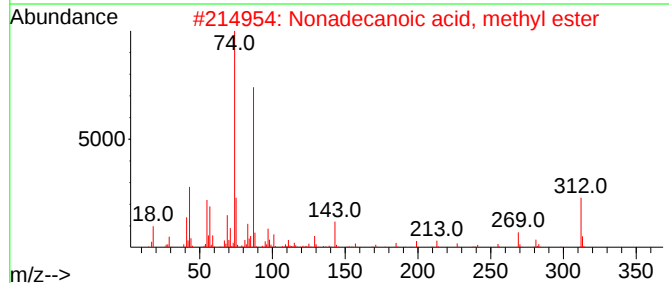
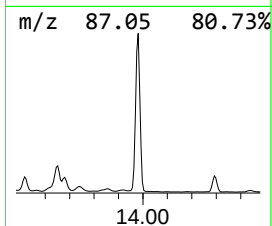
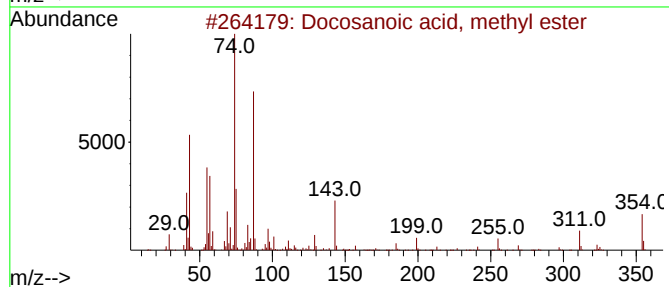
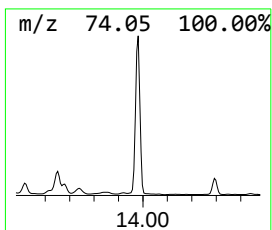
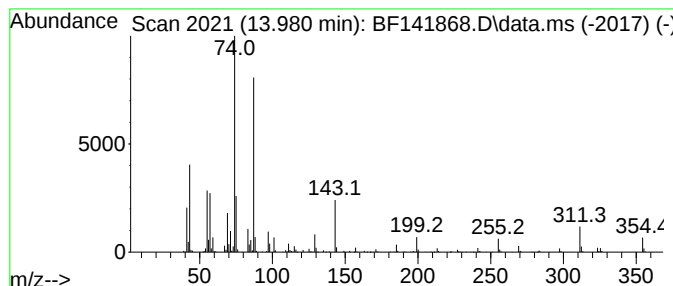
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.980	15.14 ng	855497	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2			Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	95
3			Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
4			Methyl stearate	298	C19H38O2	000112-61-8	87
5			Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141868.D
Acq On : 06 Mar 2025 15:01
Operator : RC/JU
Sample : Q1478-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-AQ-IW-03-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...	2.157	109.1	ng	4889280	1	6.887	896277	20.0
Trichloroethylene	2.534	25.3	ng	1131420	1	6.887	896277	20.0
Hexanal	4.551	11.7	ng	524772	1	6.887	896277	20.0
2,4-Decadienal	8.898	10.9	ng	635088	2	8.163	1159810	20.0
Nonanoic acid, ...	9.498	35.7	ng	2429060	3	9.916	1360420	20.0
Tri(2-chloroeth...	11.116	18.5	ng	1193290	4	11.404	1287470	20.0
Hexadecanoic ac...	11.810	337.3	ng	21715600	4	11.404	1287470	20.0
2-Hexyne, 4-met...	11.992	15.3	ng	982446	4	11.404	1287470	20.0
9,12-Octadecadi...	12.510	723.3	ng	46559200	4	11.404	1287470	20.0
Methyl stearate	12.598	200.6	ng	12911200	4	11.404	1287470	20.0
unknown13.163	13.163	9.2	ng	521517	5	14.039	1130390	20.0
cis-13-Eicoseno...	13.233	16.1	ng	912918	5	14.039	1130390	20.0
Methyl 18-methy...	13.316	33.5	ng	1892830	5	14.039	1130390	20.0
unknown13.374	13.374	9.6	ng	543305	5	14.039	1130390	20.0
(6Z,9Z)-Pentade...	13.516	30.4	ng	1718770	5	14.039	1130390	20.0
unknown13.645	13.645	11.6	ng	656679	5	14.039	1130390	20.0
unknown13.674	13.674	10.2	ng	574787	5	14.039	1130390	20.0
unknown13.739	13.739	19.4	ng	1093390	5	14.039	1130390	20.0
unknown13.839	13.839	8.7	ng	492010	5	14.039	1130390	20.0
Docosanoic acid...	13.980	15.1	ng	855497	5	14.039	1130390	20.0