

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
 Data File : BF144463.D
 Acq On : 12 Dec 2025 21:32
 Operator : RC/JU
 Sample : Q3839-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0B11

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-BF121225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144463.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	468	476	488	rBV	592932	871546	24.79%	3.009%
2	5.398	538	545	550	rBV	2482913	3311180	94.19%	11.430%
3	6.410	710	717	730	rBV	2513873	3435643	97.73%	11.860%
4	6.793	777	782	787	rBV	967296	1177671	33.50%	4.065%
5	7.351	871	877	882	rBV	1575444	2038292	57.98%	7.036%
6	8.075	994	1000	1005	rBV	1236875	1582973	45.03%	5.464%
7	9.151	1177	1183	1188	rBV	2727393	3515397	100.00%	12.135%
8	9.828	1292	1298	1303	rVB	1377336	1759556	50.05%	6.074%
9	10.539	1413	1419	1424	rBV	439703	534711	15.21%	1.846%
10	10.610	1425	1431	1446	rVV	1750780	2230384	63.45%	7.699%
11	11.310	1544	1550	1555	rBV	1355018	1743062	49.58%	6.017%
12	11.839	1634	1640	1654	rBV2	85983	141214	4.02%	0.487%
13	12.892	1813	1819	1824	rBV	2508618	3129680	89.03%	10.804%
14	13.804	1967	1974	1991	rBV	166888	288387	8.20%	0.996%
15	13.939	1991	1997	2005	rVV	1003330	1260760	35.86%	4.352%
16	14.427	2075	2080	2089	rBV	143593	221075	6.29%	0.763%
17	15.057	2182	2187	2203	rBV2	97396	290509	8.26%	1.003%
18	15.374	2234	2241	2247	rBV	721028	1083705	30.83%	3.741%
19	15.851	2317	2322	2326	rBV	79604	144394	4.11%	0.498%
20	15.898	2326	2330	2353	rVB3	51457	155400	4.42%	0.536%
21	17.374	2577	2581	2594	rVB8	21739	52897	1.50%	0.183%

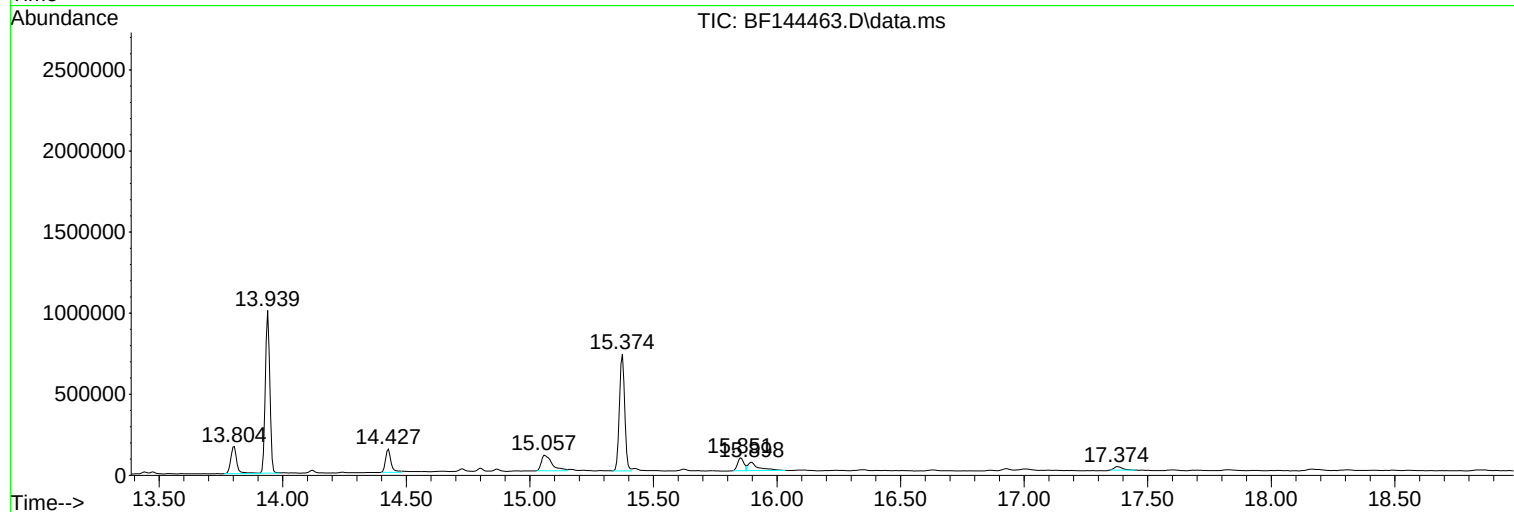
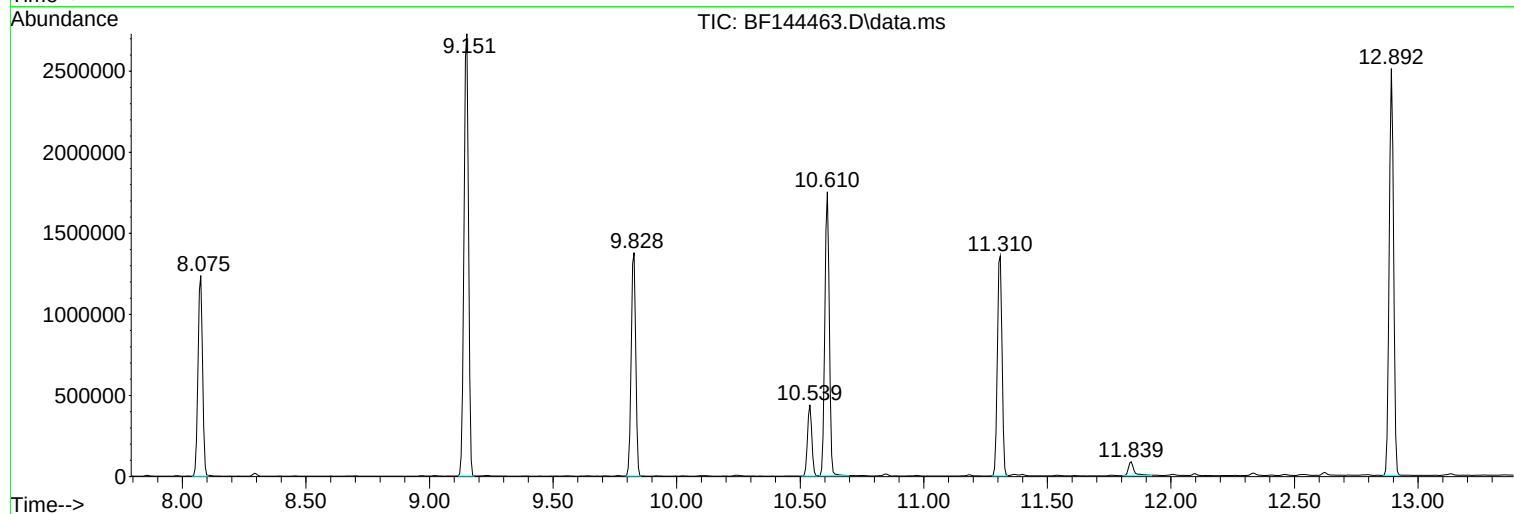
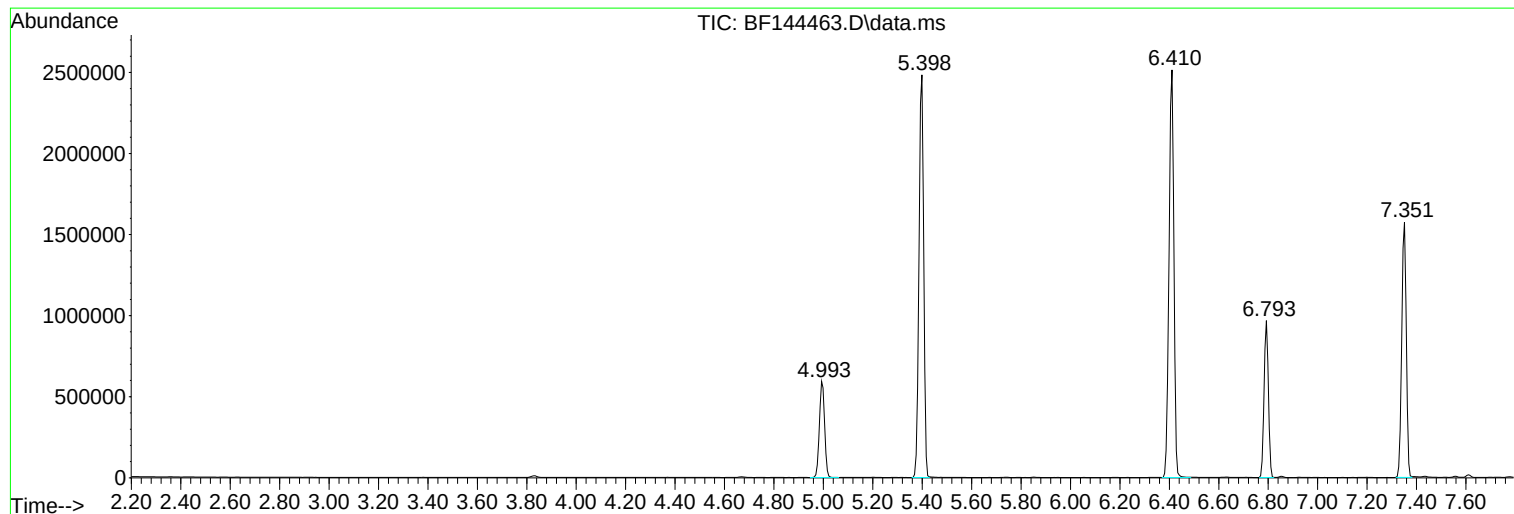
Sum of corrected areas: 28968436

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0B11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.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\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COB11

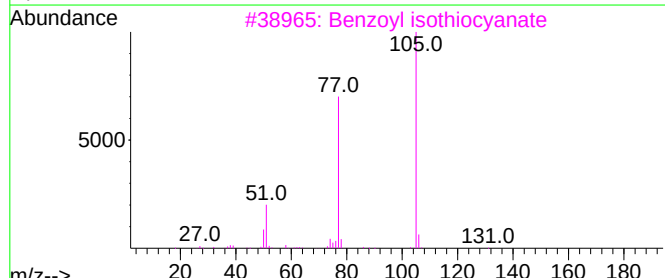
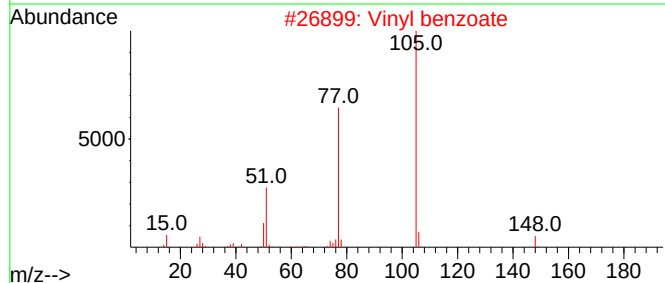
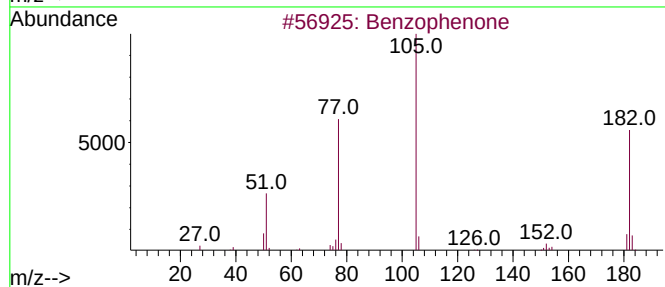
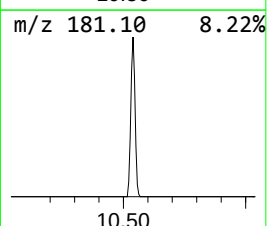
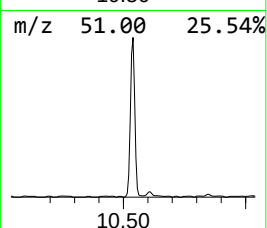
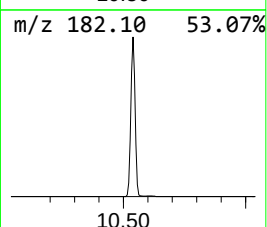
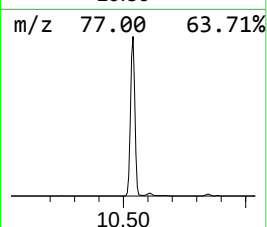
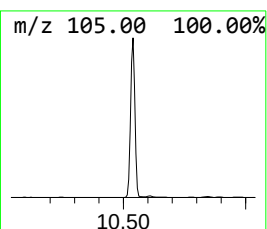
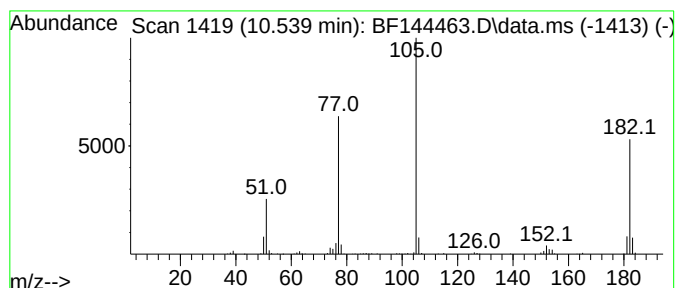
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	6.08 ng	534711	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Vinyl benzoate	148	C9H8O2	000769-78-8	47
3			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

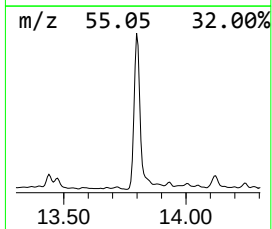
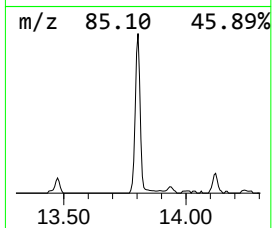
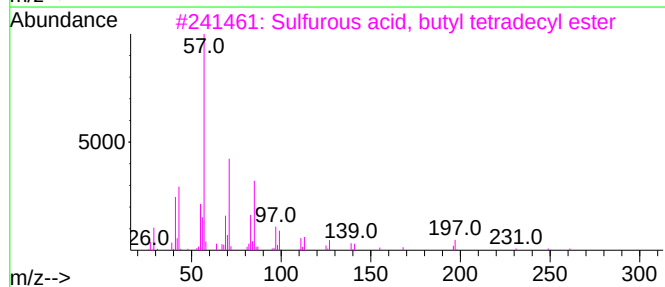
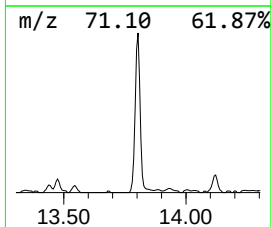
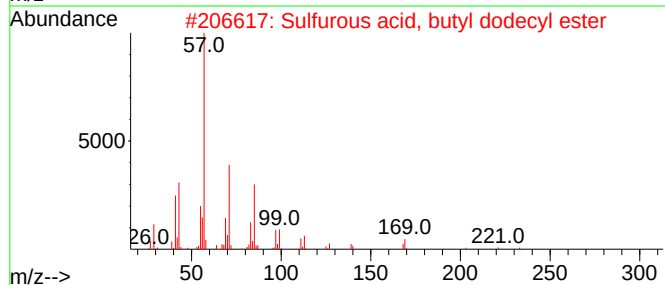
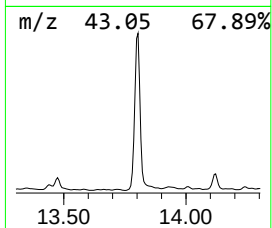
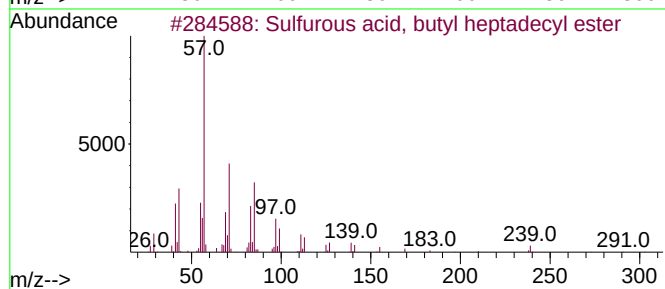
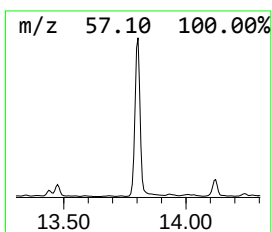
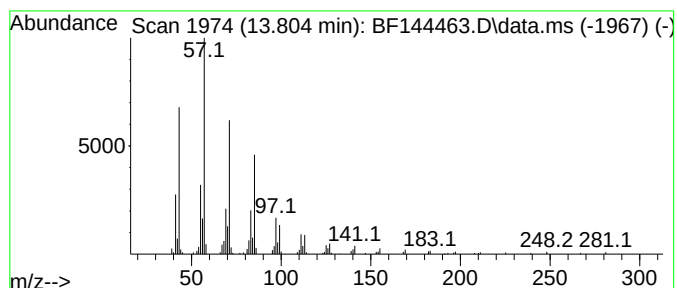
Instrument :
BNA_F
ClientSampleId :
C0B11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Sulfurous acid, butyl hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.804	4.57 ng	288387	Chrysene-d12		13.939	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...		376	C21H44O3S	1000309-18-4	91
2	Sulfurous acid, butyl dodecyl ester		306	C16H34O3S	1000309-17-9	91
3	Sulfurous acid, butyl tetradecyl...		334	C18H38O3S	1010309-18-1	91
4	Tritetracontane		605	C43H88	007098-21-7	91
5	Sulfurous acid, butyl hexadecyl ...		362	C20H42O3S	1000309-18-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0B11

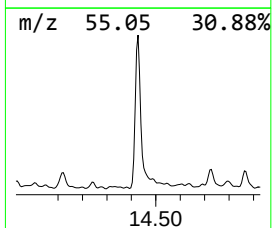
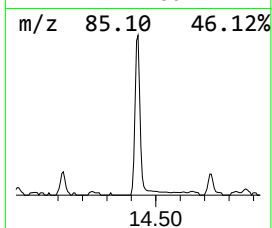
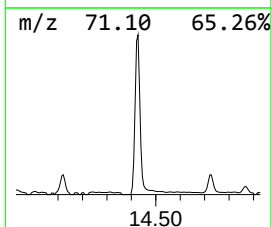
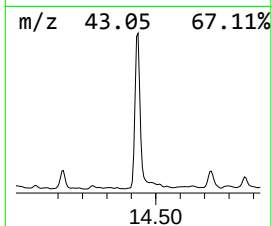
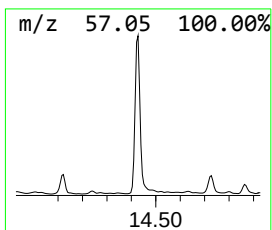
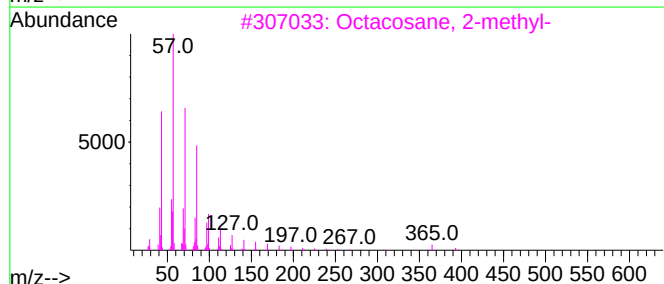
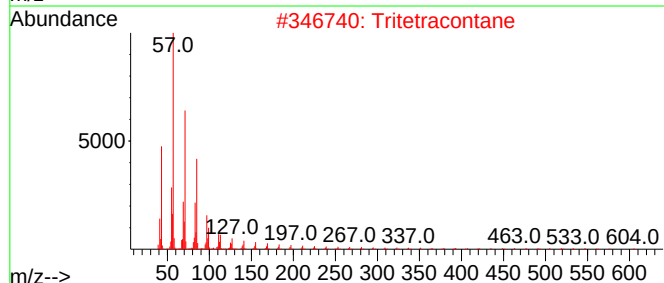
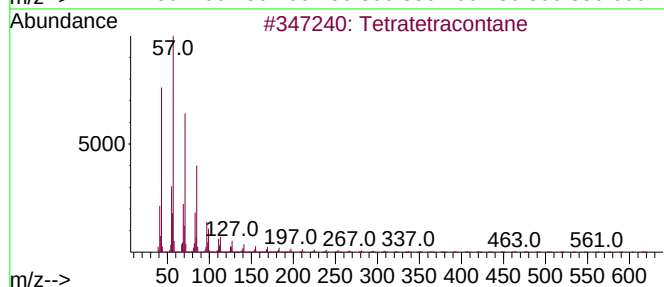
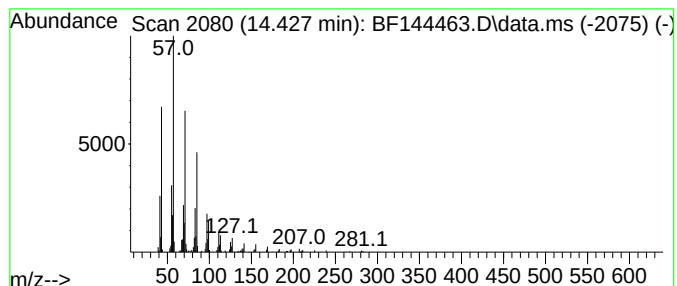
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.427	3.51 ng	221075	Chrysene-d12	13.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Tritetracontane	605	C43H88	007098-21-7	91
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5			Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0B11

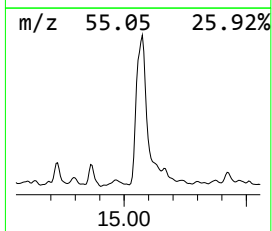
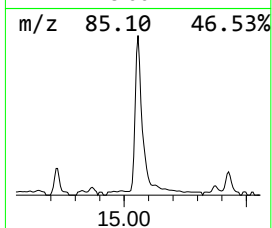
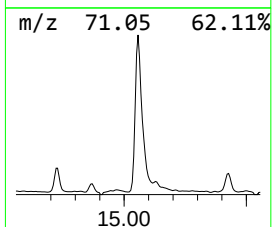
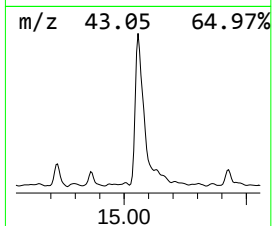
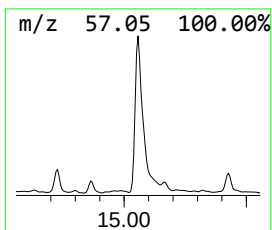
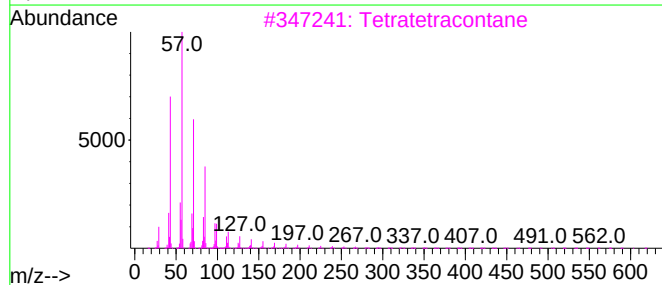
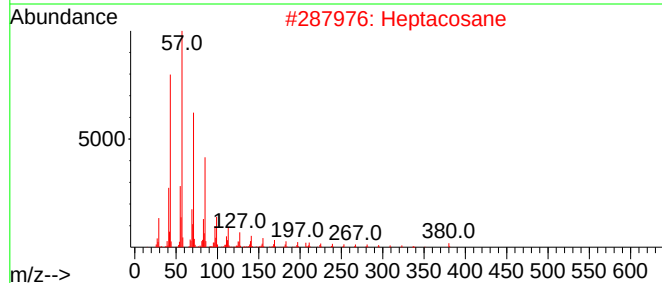
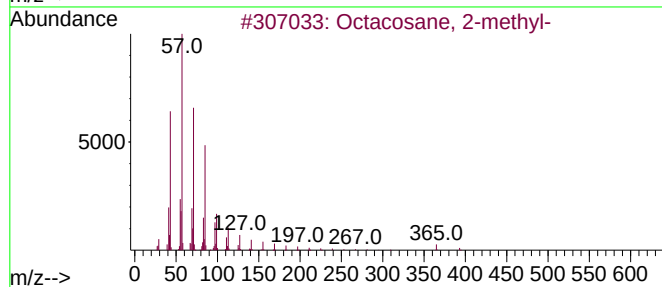
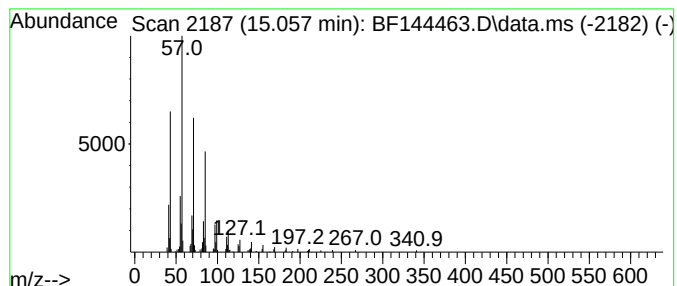
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.057	5.36 ng	290509	Perylene-d12	15.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0B11

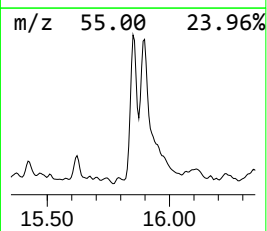
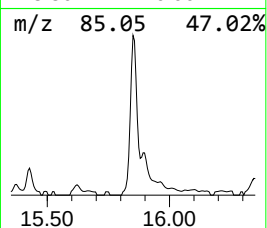
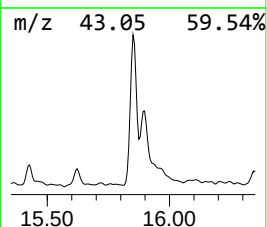
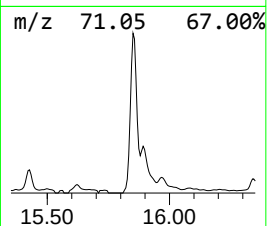
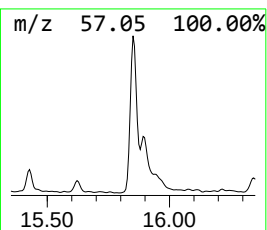
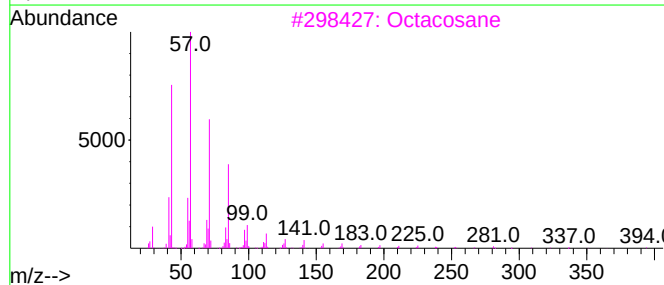
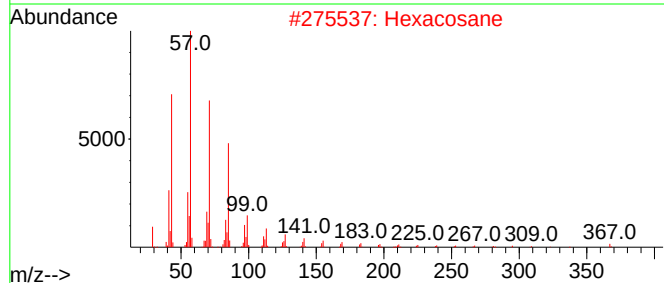
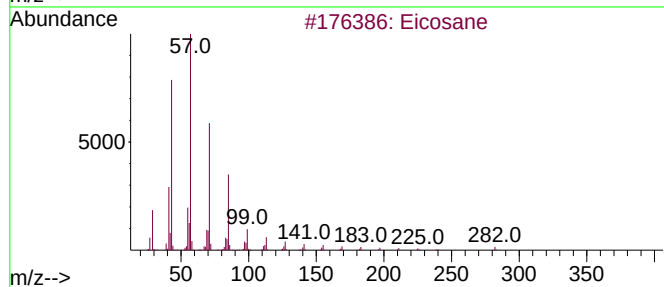
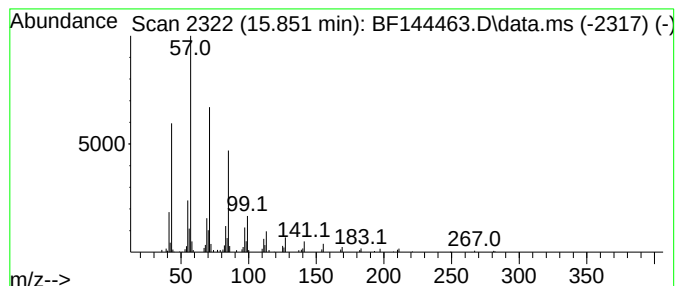
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	2.66 ng	144394	Perylene-d12	15.374

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	94
2	Hexacosane			366	C26H54	000630-01-3	91
3	Octacosane			394	C28H58	000630-02-4	91
4	Tetratetracontane			619	C44H90	007098-22-8	91
5	Heneicosane			296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121225\
Data File : BF144463.D
Acq On : 12 Dec 2025 21:32
Operator : RC/JU
Sample : Q3839-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C0B11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121225.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
Benzophenone	10.539	6.1	ng	534711	3	9.828	1759560	20.0
Sulfurous acid,...	13.804	4.6	ng	288387	5	13.939	1260760	20.0
Tetratetracontane	14.427	3.5	ng	221075	5	13.939	1260760	20.0
Octacosane, 2-m...	15.057	5.4	ng	290509	6	15.374	1083710	20.0
Eicosane	15.851	2.7	ng	144394	6	15.374	1083710	20.0