

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142818.D
 Acq On : 24 Jun 2025 13:54
 Operator : RC/JU
 Sample : Q2381-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

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-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142818.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	499	rBV	50529	72320	7.71%	0.744%
2	5.493	556	561	574	rBV	576919	729279	77.74%	7.506%
3	6.504	728	733	747	rVB	532419	670962	71.53%	6.905%
4	6.881	792	797	802	rBV	269003	336289	35.85%	3.461%
5	7.439	886	892	902	rBV	323779	411291	43.84%	4.233%
6	8.163	1010	1015	1030	rVB	303804	375734	40.05%	3.867%
7	9.233	1192	1197	1202	rBV	564476	696710	74.27%	7.170%
8	9.575	1246	1255	1258	rBV6	8173	16476	1.76%	0.170%
9	9.781	1286	1290	1294	rBV	20191	26589	2.83%	0.274%
10	9.916	1308	1313	1318	rBV	275417	351903	37.51%	3.622%
11	10.628	1431	1434	1439	rBV	67295	85365	9.10%	0.879%
12	10.704	1443	1447	1453	rBV	312549	425624	45.37%	4.380%
13	11.410	1563	1567	1570	rBV	282782	414148	44.15%	4.262%
14	11.933	1653	1656	1662	rVB3	167652	225865	24.08%	2.325%
15	12.627	1770	1774	1778	rVB	320770	401784	42.83%	4.135%
16	12.857	1809	1813	1819	rVB	324001	430726	45.92%	4.433%
17	12.992	1832	1836	1844	rVB	669807	938066	100.00%	9.654%
18	14.051	2011	2016	2020	rBV2	486341	828441	88.31%	8.526%
19	14.974	2170	2173	2178	rVB	86632	111351	11.87%	1.146%
20	15.110	2191	2196	2203	rBV	200412	433521	46.21%	4.462%
21	15.174	2203	2207	2210	rBV	101328	136157	14.51%	1.401%
22	15.415	2244	2248	2254	rVB	117927	179234	19.11%	1.845%
23	15.480	2254	2259	2264	rVV	140591	219877	23.44%	2.263%
24	15.545	2265	2270	2286	rVB2	238863	479726	51.14%	4.937%
25	15.768	2304	2308	2315	rVB	74540	122760	13.09%	1.263%
26	16.004	2344	2348	2355	rVB	78843	137683	14.68%	1.417%
27	16.827	2483	2488	2495	rBV3	40169	92939	9.91%	0.957%
28	17.045	2519	2525	2535	rVB2	65247	148735	15.86%	1.531%
29	17.498	2596	2602	2613	rVB	58631	139514	14.87%	1.436%
30	17.651	2623	2628	2637	rVB9	29236	77487	8.26%	0.797%

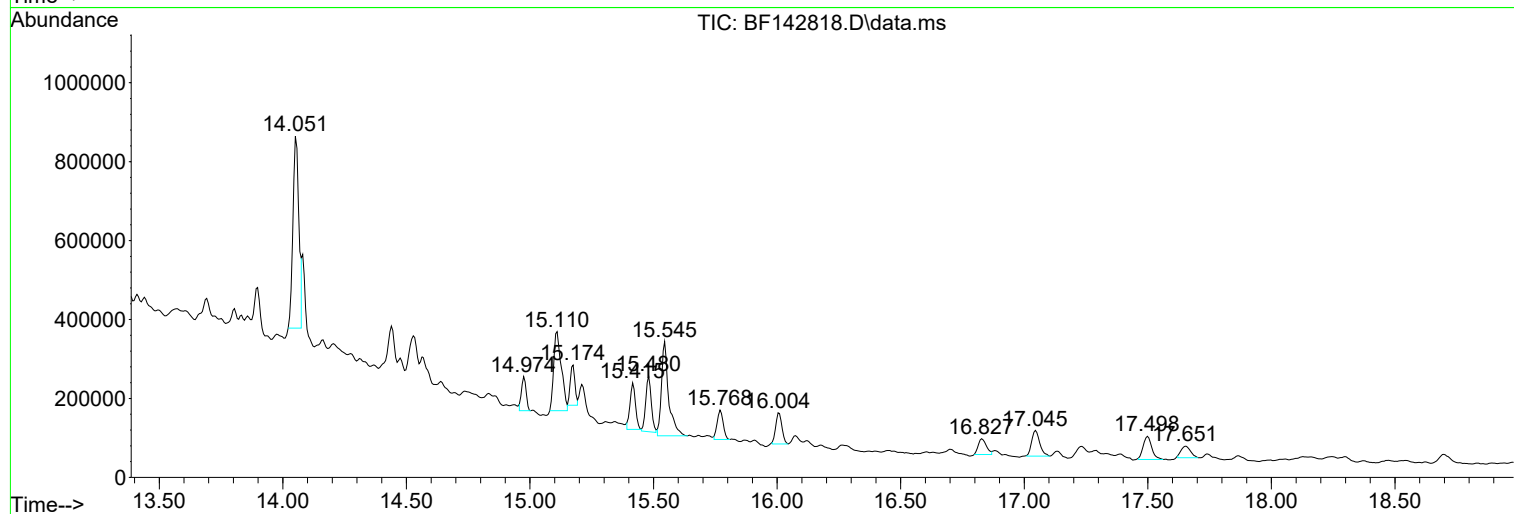
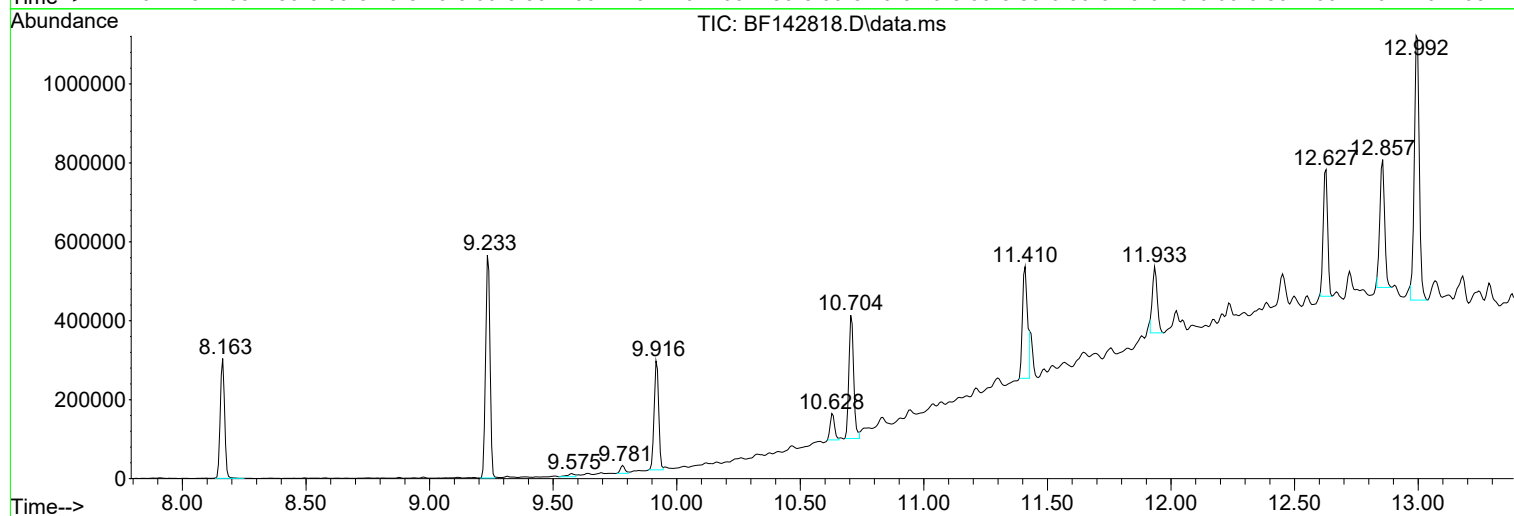
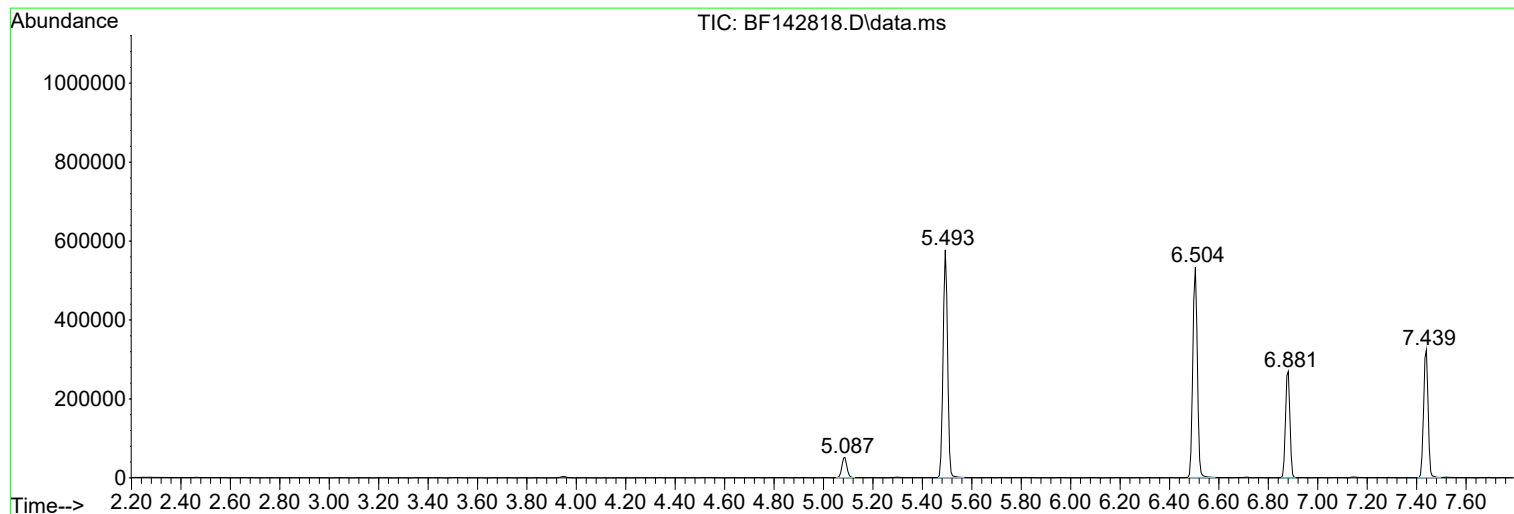
Sum of corrected areas: 9716556

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

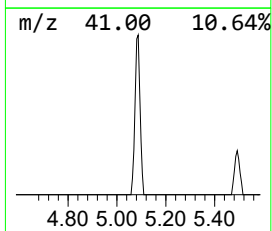
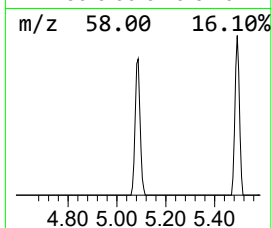
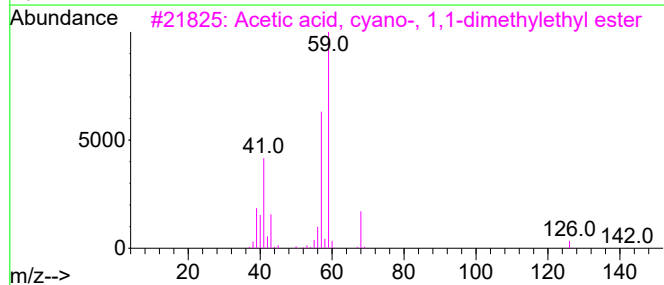
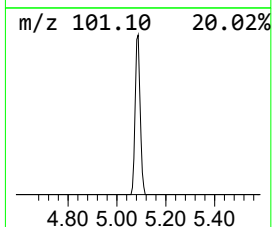
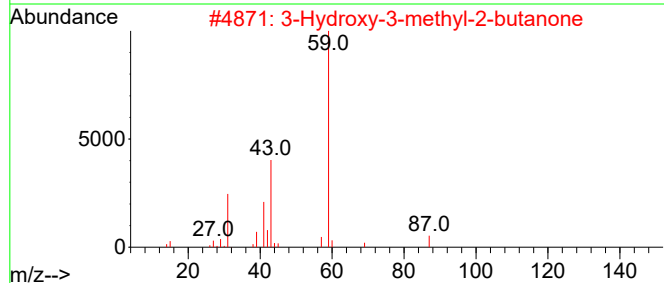
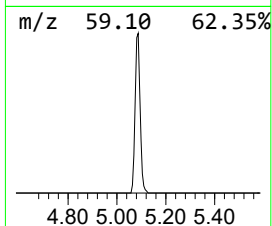
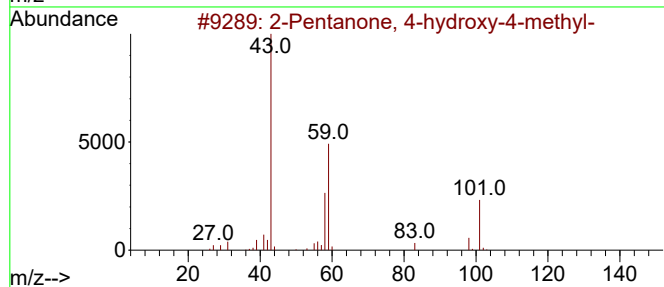
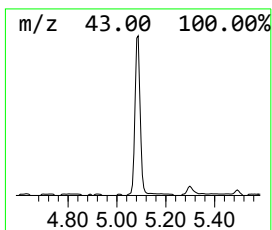
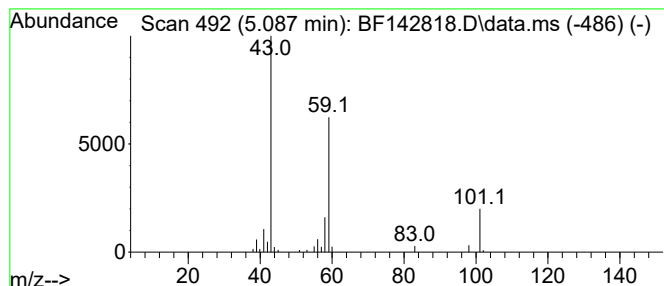
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	4.30 ng	72320	1,4-Dichlorobenzene-d4	6.881

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

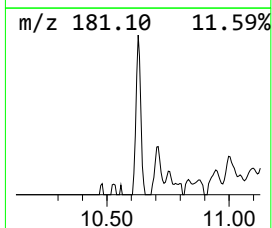
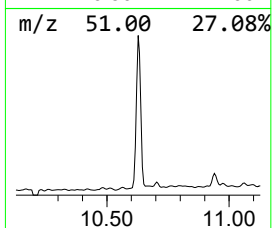
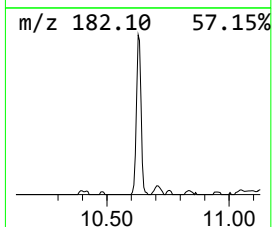
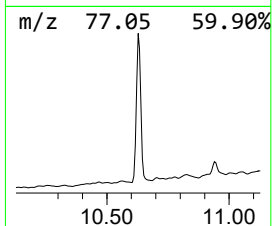
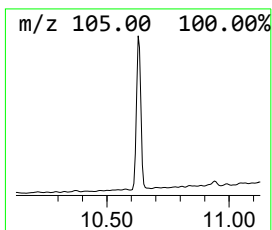
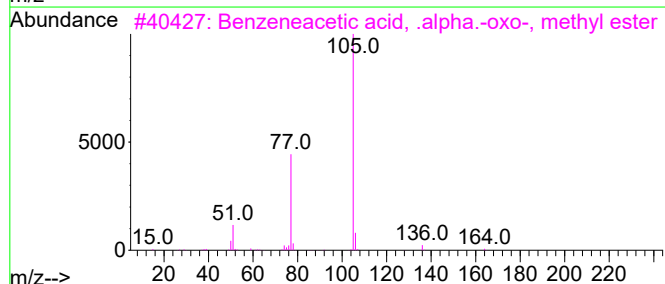
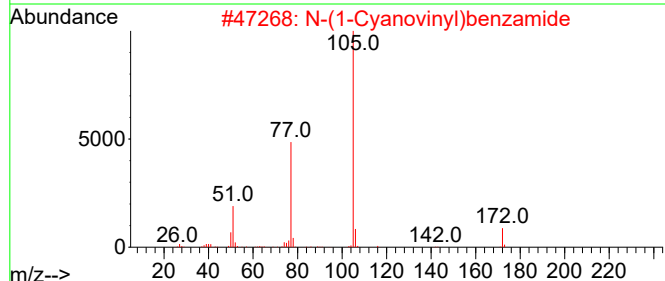
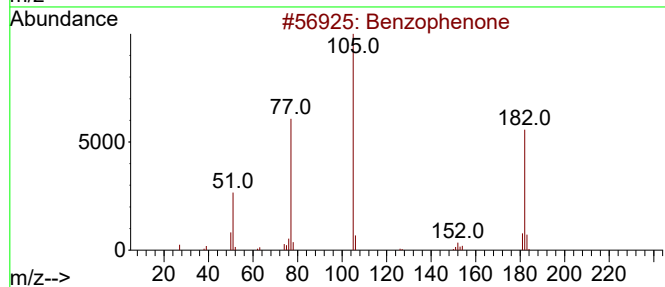
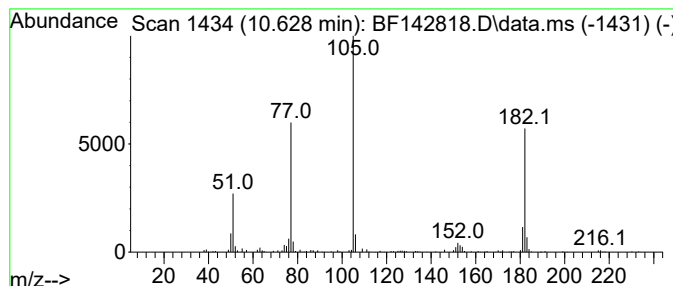
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.85 ng	85365	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	53
3			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5			N-[2,2-Dichloro-1-(toluene-4-sul...	371	C16H15Cl2NO3S	136800-77-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

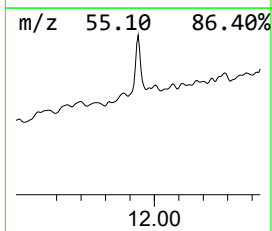
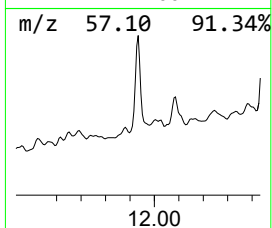
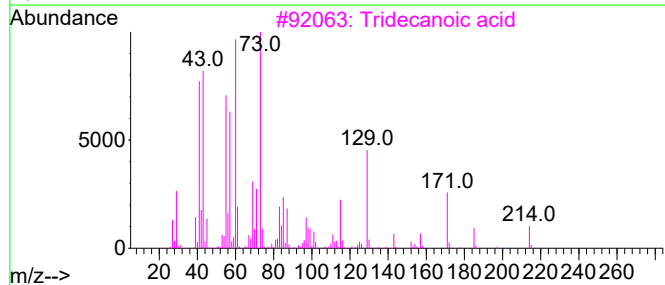
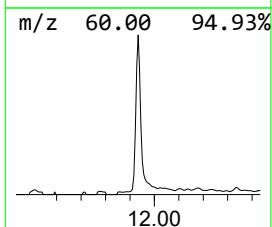
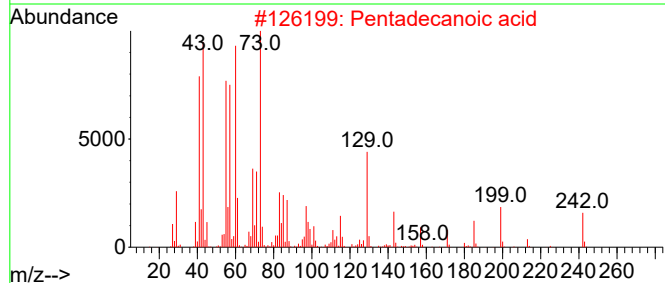
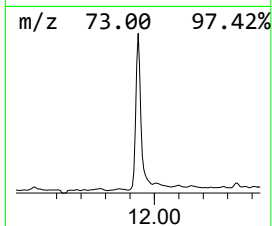
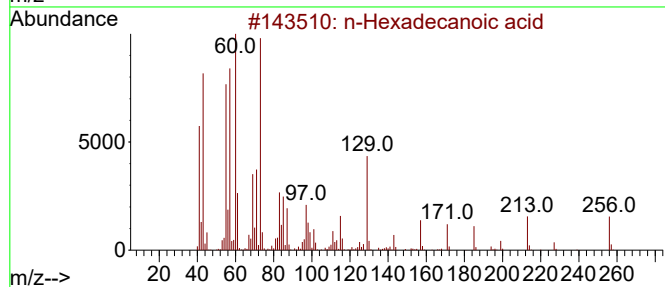
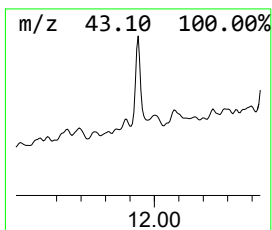
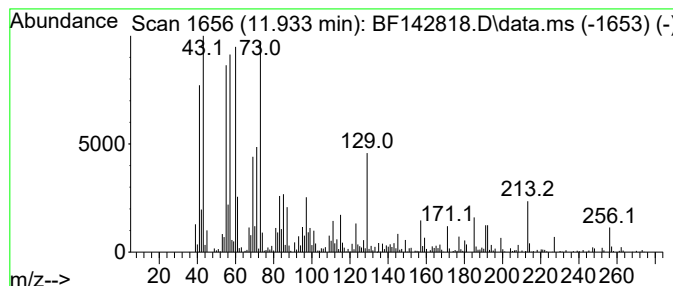
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	10.91 ng	225865	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Undecanoic acid	186	C11H22O2	000112-37-8	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

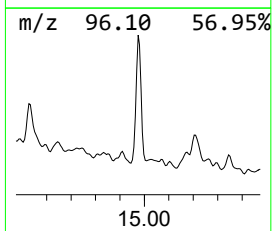
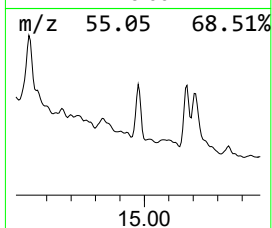
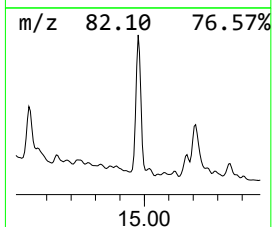
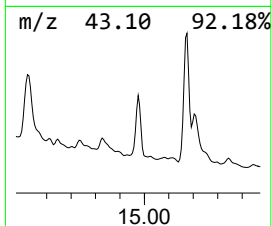
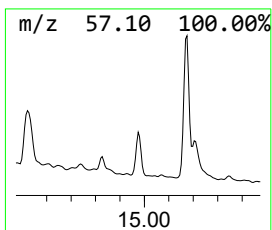
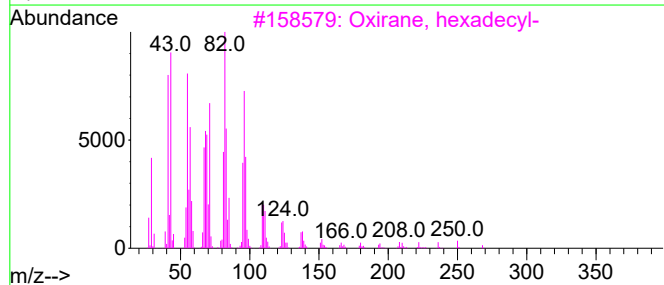
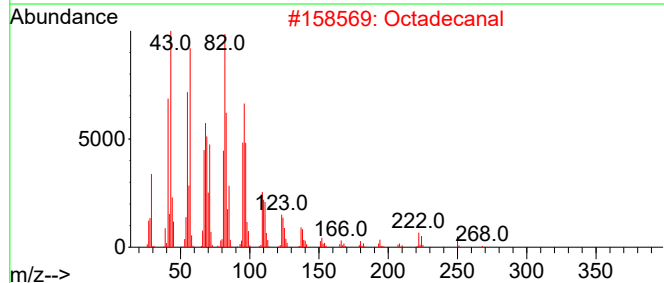
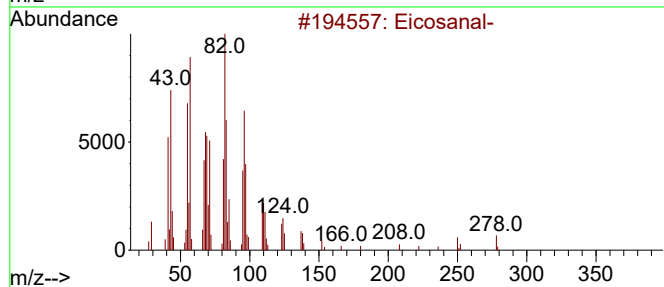
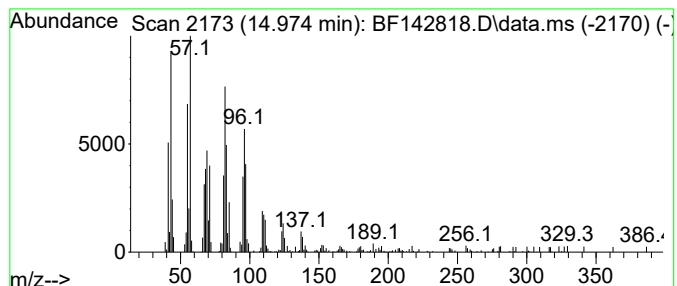
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosanal- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	4.64 ng	111351	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanal-	296	C20H40O	002400-66-0	93
2			Octadecanal	268	C18H36O	000638-66-4	91
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			17-Octadecenal	266	C18H34O	056554-86-0	91
5			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

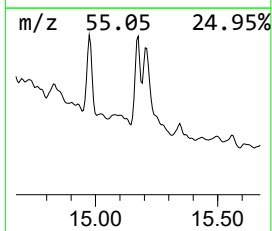
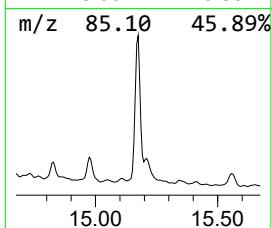
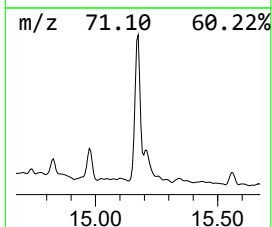
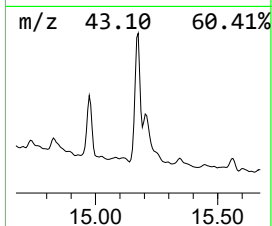
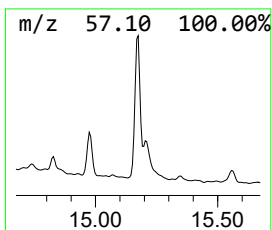
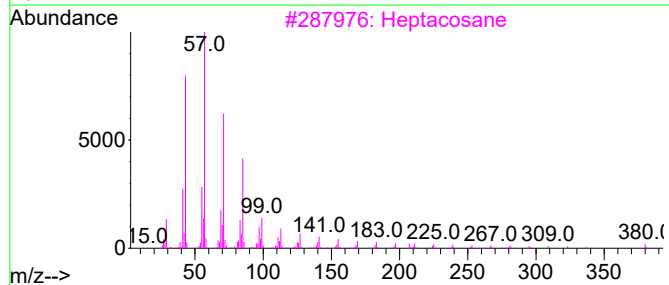
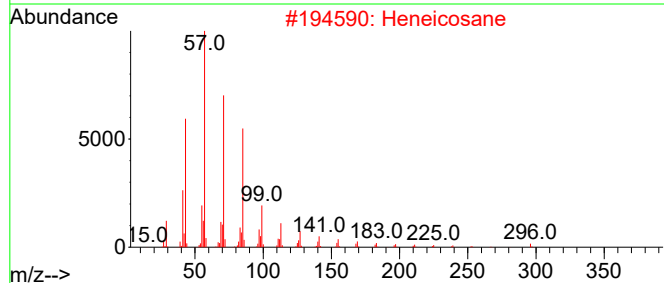
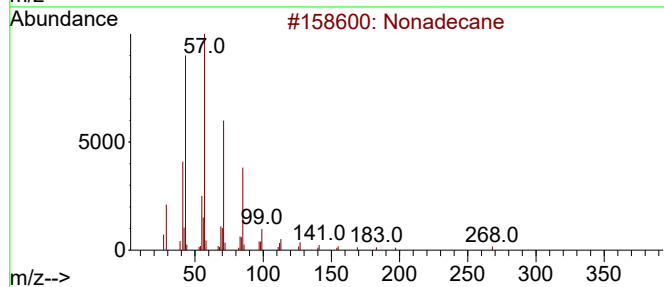
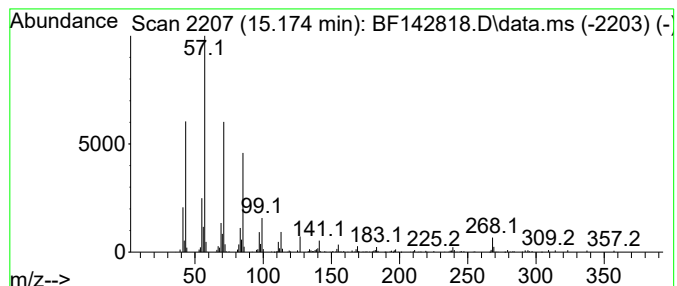
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	5.68 ng	136157	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

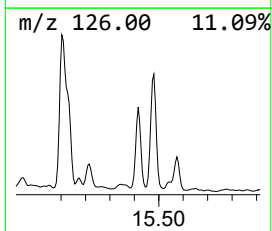
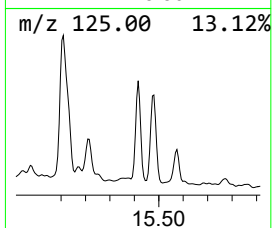
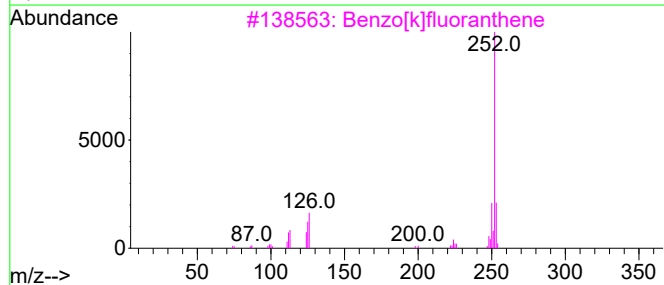
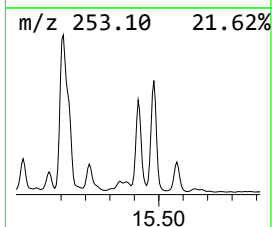
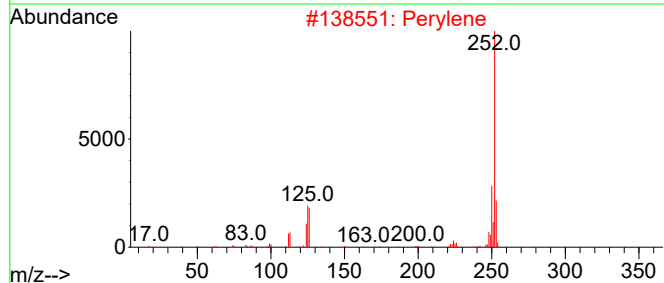
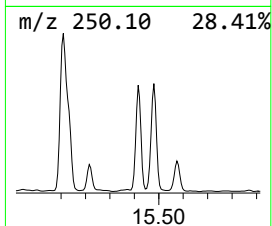
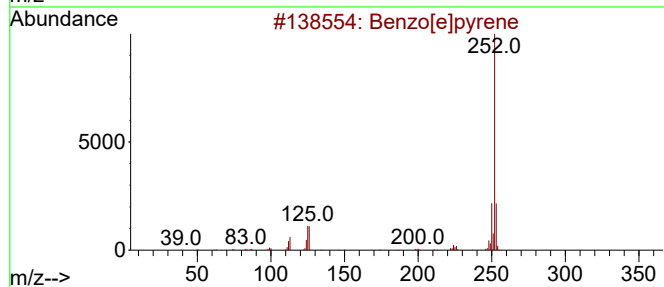
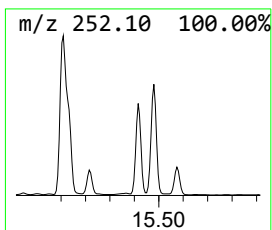
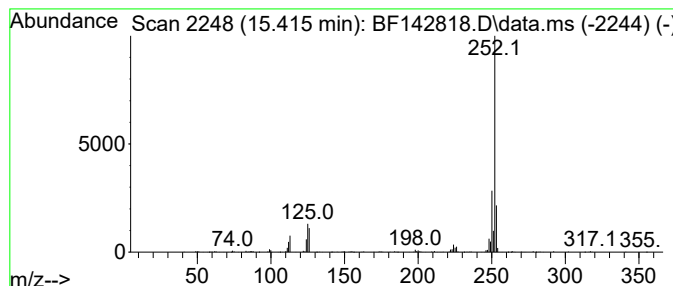
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	7.47 ng	179234	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

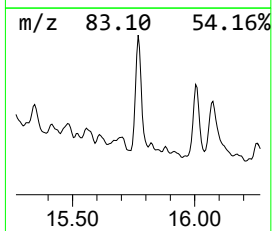
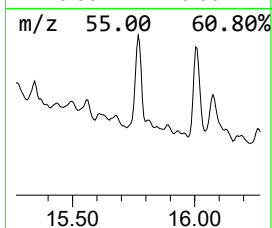
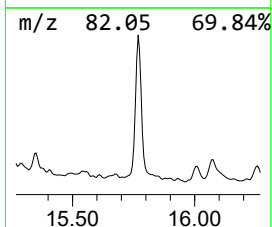
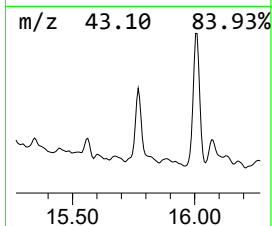
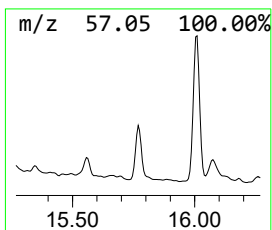
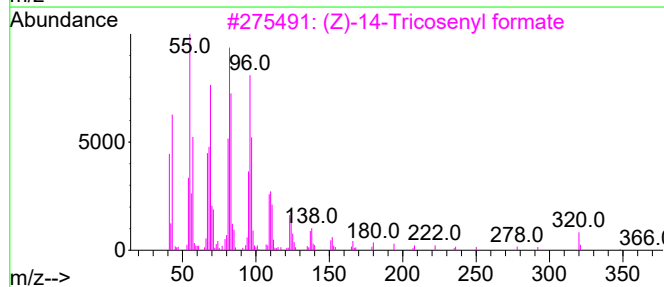
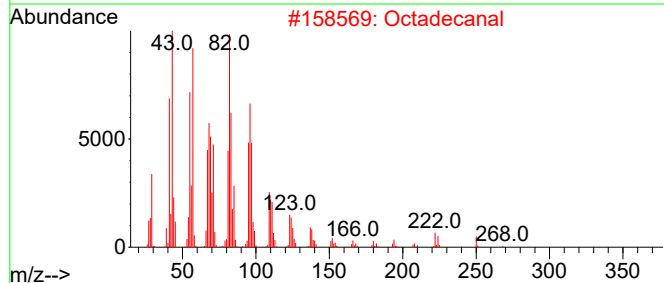
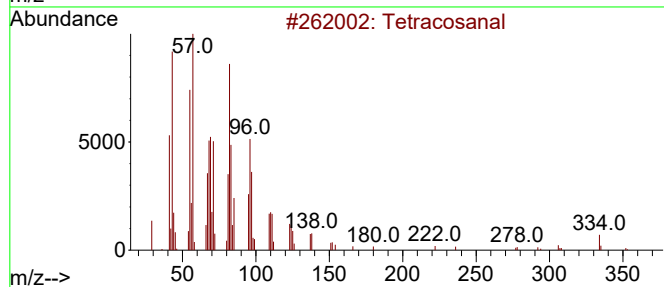
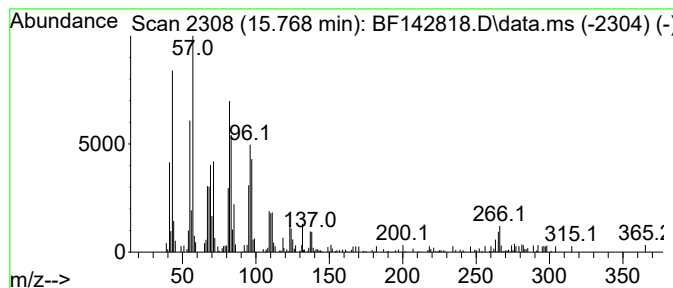
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetracosanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	5.12 ng	122760	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosanal	352	C24H48O	057866-08-7	93
2			Octadecanal	268	C18H36O	000638-66-4	83
3			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	68
5			9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

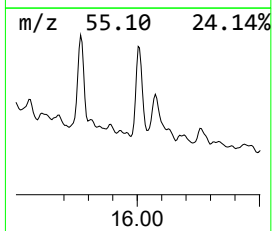
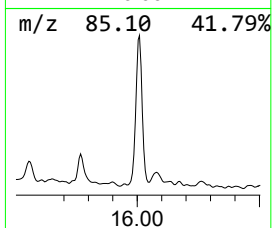
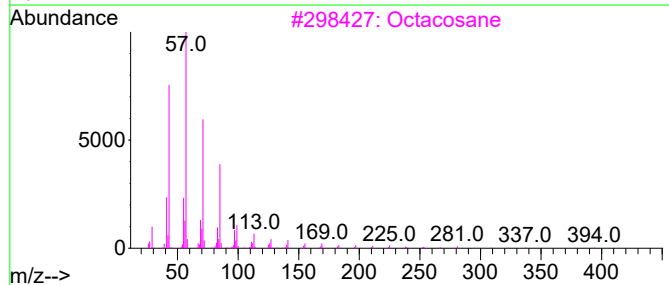
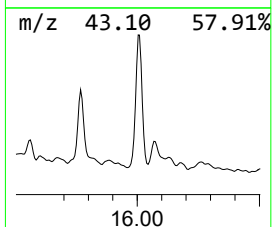
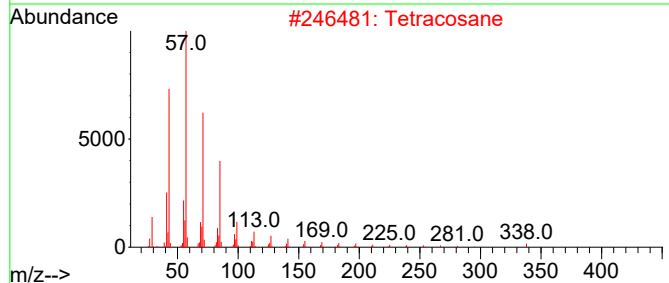
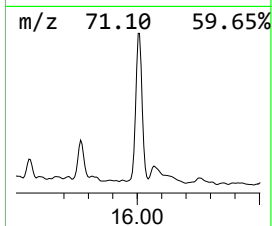
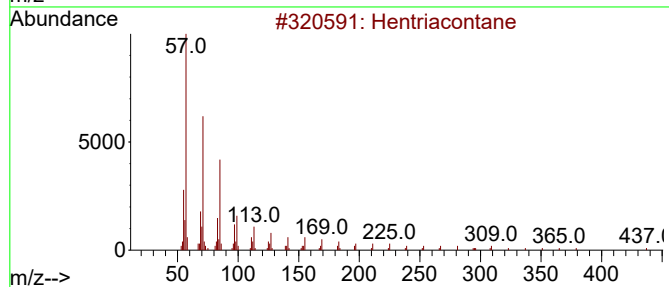
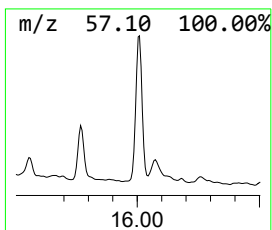
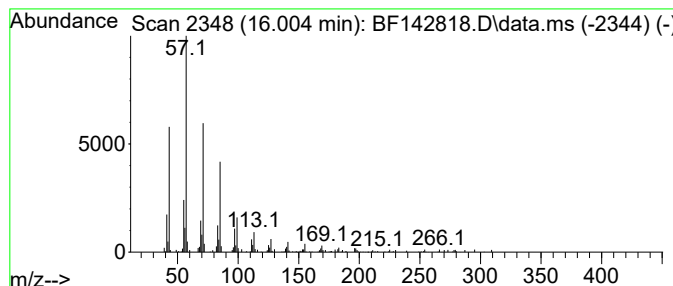
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	5.74 ng	137683	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

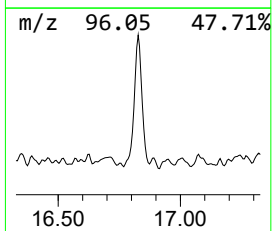
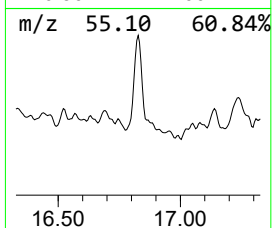
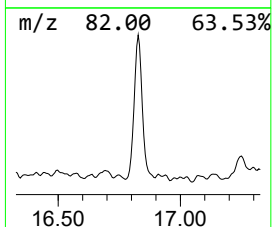
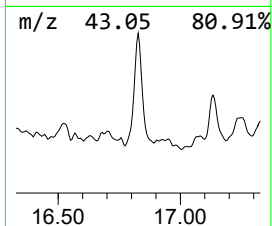
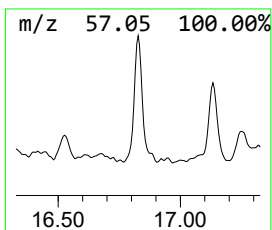
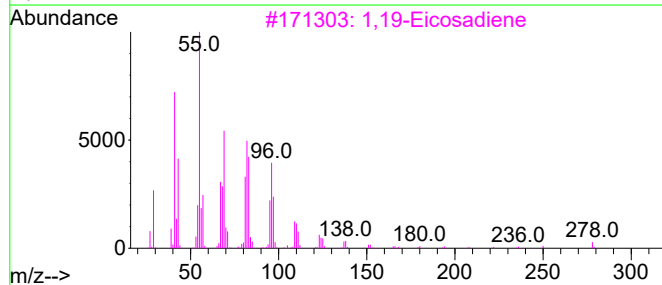
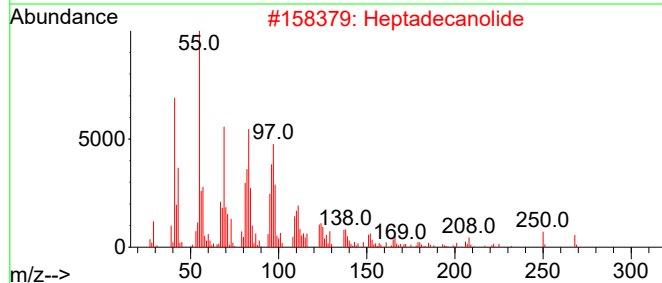
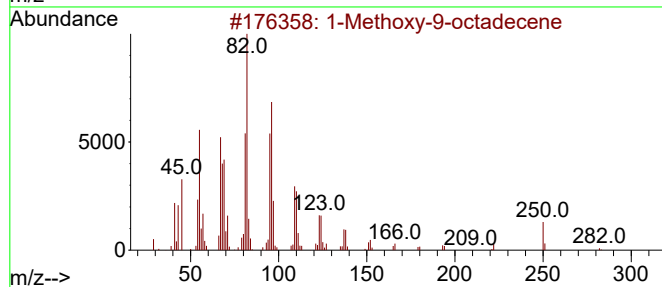
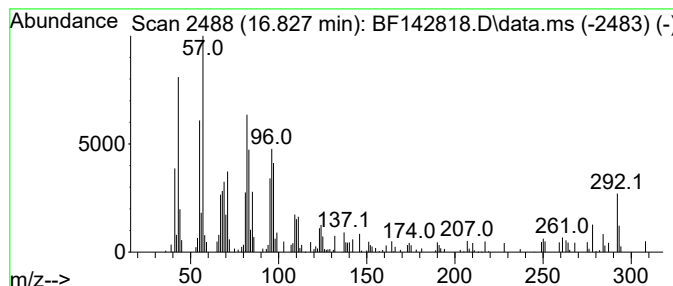
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Methoxy-9-octadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.827	3.87 ng	92939	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methoxy-9-octadecene	282	C19H38O	1000430-37-3	84
2			Heptadecanolide	268	C17H32O2	005637-97-8	70
3			1,19-Eicosadiene	278	C20H38	014811-95-1	68
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
5			Octadecanal	268	C18H36O	000638-66-4	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

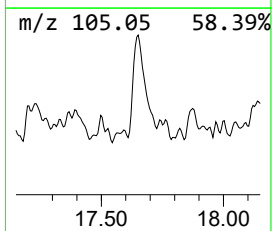
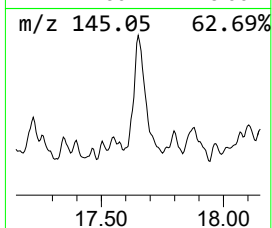
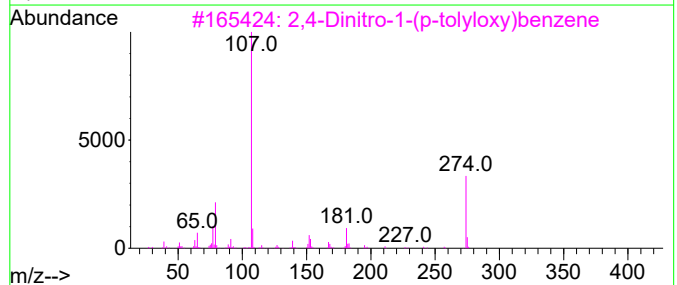
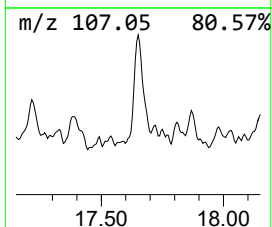
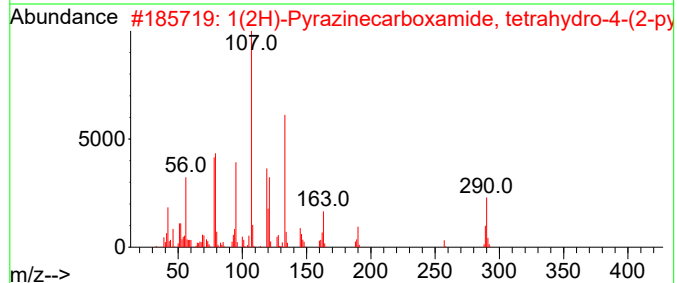
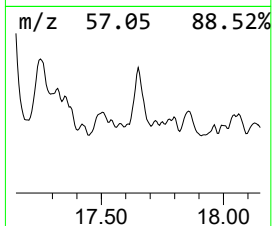
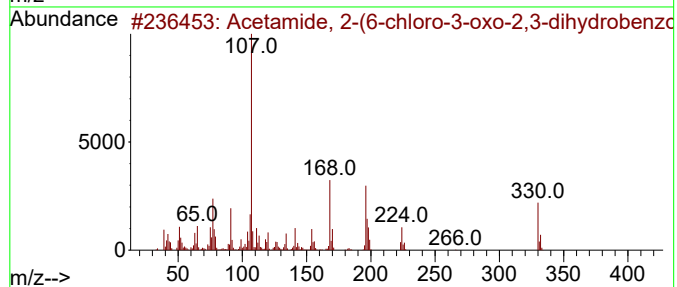
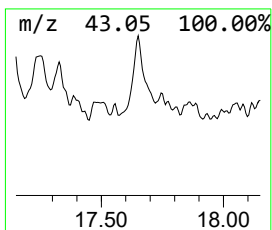
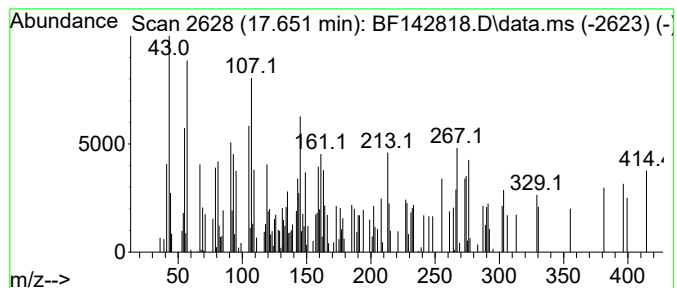
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.651 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	3.23 ng	77487	Perylene-d12	15.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, 2-(6-chloro-3-oxo-2,3...	330	C17H15ClN2O3	1000316-84-5	22
2			1(2H)-Pyrazinecarboxamide, tetra...	290	C12H14N6OS	1000319-29-2	15
3			2,4-Dinitro-1-(p-tolyloxy)benzene	274	C13H10N2O5	002363-25-9	11
4			3-.beta.-Acetoxy-bisnor-allochol...	390	C24H38O4	1000226-91-3	10
5			Peruvinine	264	C15H20O4	013743-58-3	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142818.D
Acq On : 24 Jun 2025 13:54
Operator : RC/JU
Sample : Q2381-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11929

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
2-Pentanone, 4-...	5.087	4.3	ng	72320	1	6.881	336289	20.0
Benzophenone	10.628	4.8	ng	85365	3	9.916	351903	20.0
n-Hexadecanoic ...	11.933	10.9	ng	225865	4	11.410	414148	20.0
Eicosanal-	14.974	4.6	ng	111351	6	15.545	479726	20.0
Nonadecane	15.174	5.7	ng	136157	6	15.545	479726	20.0
Benzo[e]pyrene	15.415	7.5	ng	179234	6	15.545	479726	20.0
Tetracosanal	15.768	5.1	ng	122760	6	15.545	479726	20.0
Hentriacontane	16.004	5.7	ng	137683	6	15.545	479726	20.0
1-Methoxy-9-oct...	16.827	3.9	ng	92939	6	15.545	479726	20.0
unknown17.651	17.651	3.2	ng	77487	6	15.545	479726	20.0