

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050126.D
 Acq On : 06 May 2025 19:15
 Operator : RC/JU
 Sample : Q1961-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-01-050525

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_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.875	316	321	329	rBV	52572	82504	1.63%	0.249%
2	5.346	395	401	420	rBV	505803	949276	18.77%	2.859%
3	6.946	666	673	697	rBV	399269	930958	18.41%	2.804%
4	7.746	800	809	818	rBV	993077	1665455	32.93%	5.016%
5	8.910	1001	1007	1024	rBV	251564	608447	12.03%	1.833%
6	10.539	1274	1284	1300	rBV	1152334	2250220	44.49%	6.778%
7	13.010	1695	1704	1717	rBV	1005760	1695184	33.52%	5.106%
8	13.216	1734	1739	1745	rVB5	26838	52239	1.03%	0.157%
9	14.122	1888	1893	1898	rBV	45774	84884	1.68%	0.256%
10	14.392	1932	1939	1947	rBV	1997608	2945407	58.24%	8.872%
11	14.616	1969	1977	1987	rVB	455098	1009226	19.95%	3.040%
12	15.757	2167	2171	2176	rVB2	54109	84041	1.66%	0.253%
13	15.892	2188	2194	2209	rBV	710240	1196918	23.67%	3.605%
14	16.110	2227	2231	2232	rBV	43582	54135	1.07%	0.163%
15	16.957	2371	2375	2382	rVB4	52443	103113	2.04%	0.311%
16	17.139	2400	2406	2411	rBV2	2299630	3290092	65.05%	9.910%
17	17.180	2411	2413	2420	rVB	201121	294004	5.81%	0.886%
18	17.280	2426	2430	2436	rVB	75123	104234	2.06%	0.314%
19	18.039	2553	2559	2563	rBV2	324197	547131	10.82%	1.648%
20	18.939	2709	2712	2715	rBV	79732	113898	2.25%	0.343%
21	19.204	2753	2757	2763	rBV	363316	482761	9.55%	1.454%
22	19.321	2773	2777	2781	rBV2	166280	267490	5.29%	0.806%
23	19.568	2815	2819	2827	rVB	356682	583204	11.53%	1.757%
24	19.768	2848	2853	2857	rBV	1804285	2182429	43.15%	6.574%
25	21.386	3123	3128	3133	rVB	2168219	3159750	62.48%	9.517%
26	21.568	3156	3159	3163	rVB	353221	410321	8.11%	1.236%
27	22.133	3252	3255	3260	rVB2	482894	617143	12.20%	1.859%
28	22.768	3360	3363	3372	rVB	588857	989062	19.56%	2.979%
29	23.509	3485	3489	3498	rVB	716643	1389282	27.47%	4.185%
30	24.380	3630	3637	3654	rVB2	2027126	5057521	100.00%	15.233%

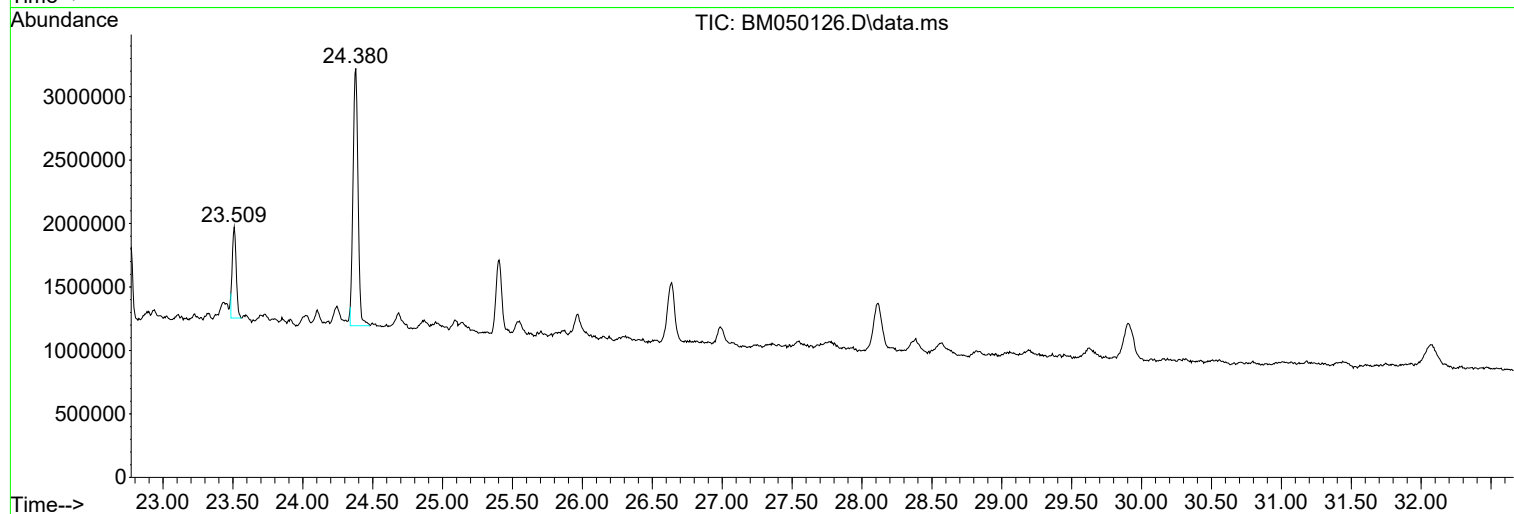
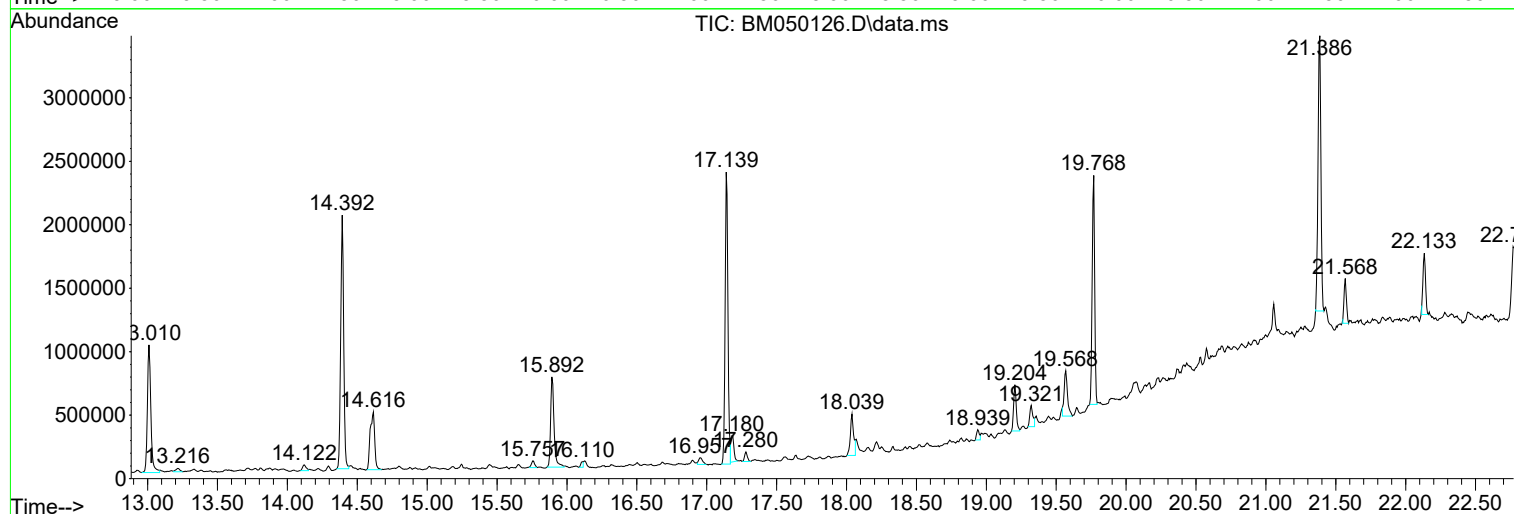
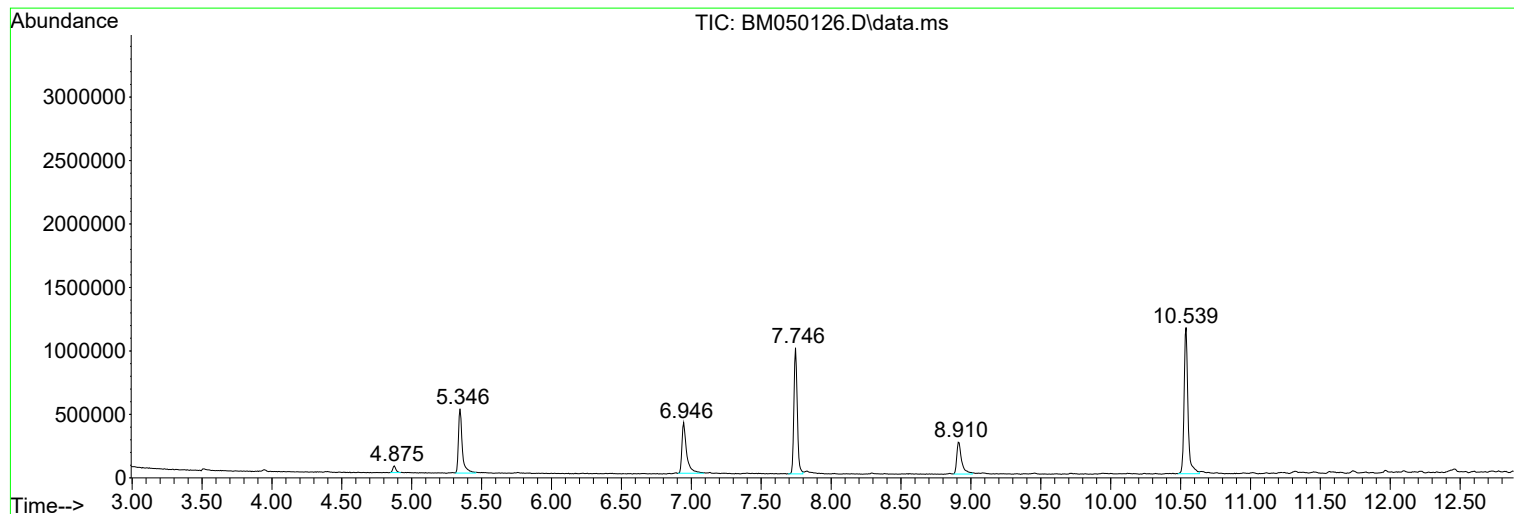
Sum of corrected areas: 33200329

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

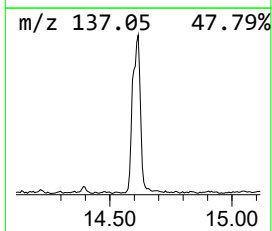
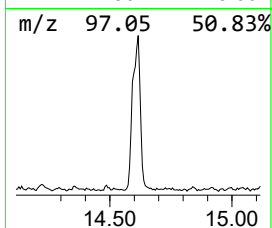
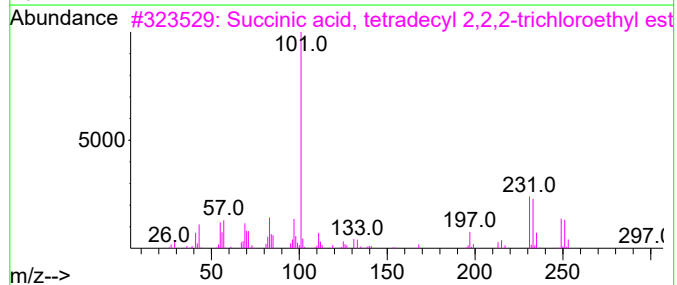
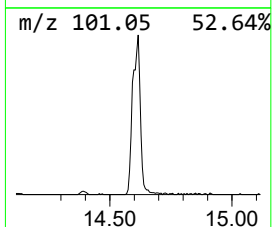
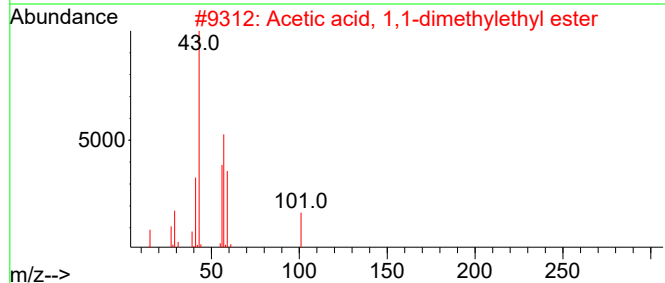
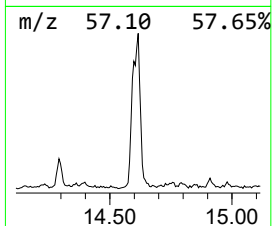
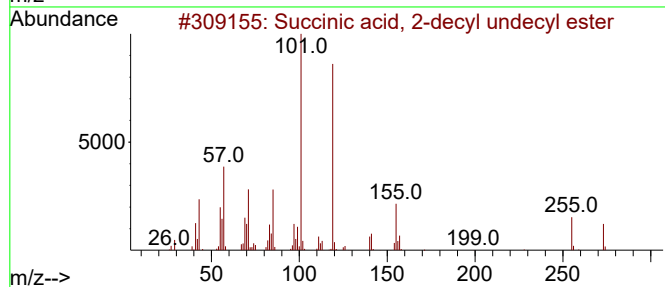
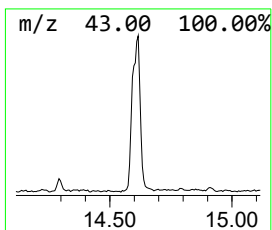
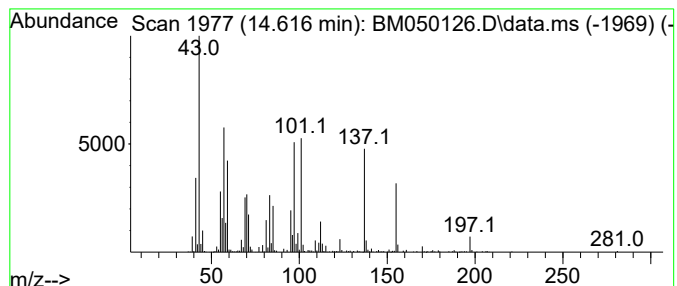
Instrument :
BNA_M
ClientSampleId :
EO-01-050525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown14.616 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.616	6.85 ng	1009230	Acenaphthene-d10	14.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, 2-decyl undecyl e...	412	C25H48O4	1000349-43-1	14
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	14
3	Succinic acid, tetradecyl 2,2,2-...	444	C20H35Cl3O4	1000349-17-7	14
4	Nonane, 1-bromo-	206	C9H19Br	000693-58-3	11
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

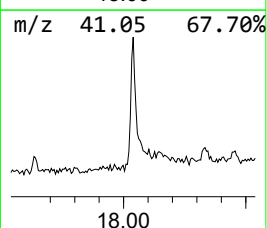
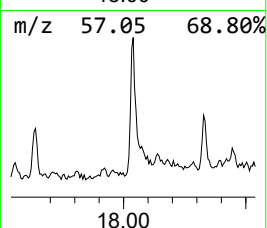
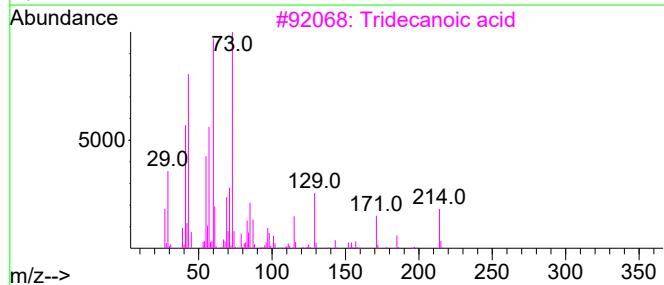
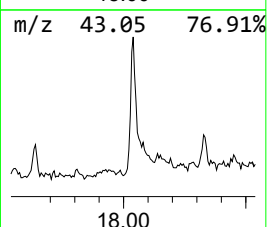
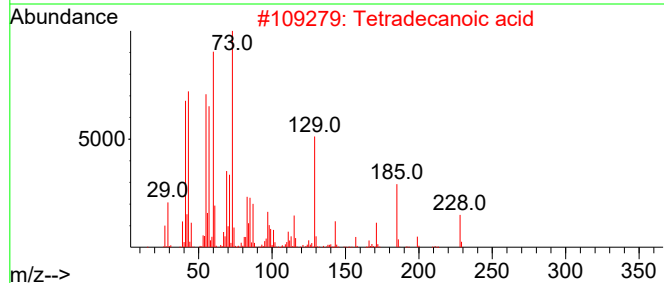
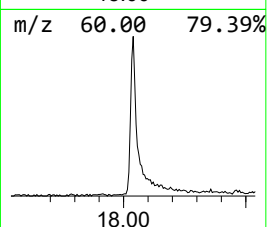
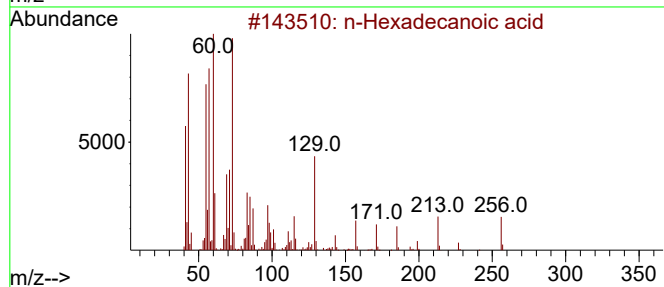
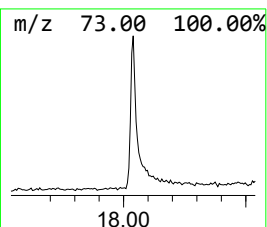
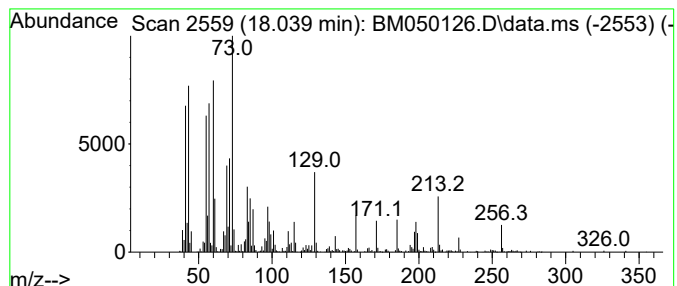
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	3.33 ng	547131	Phenanthrene-d10	17.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

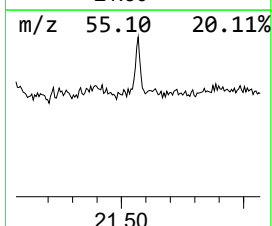
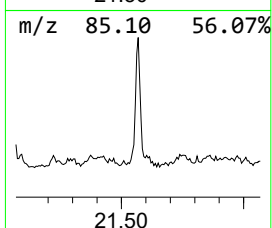
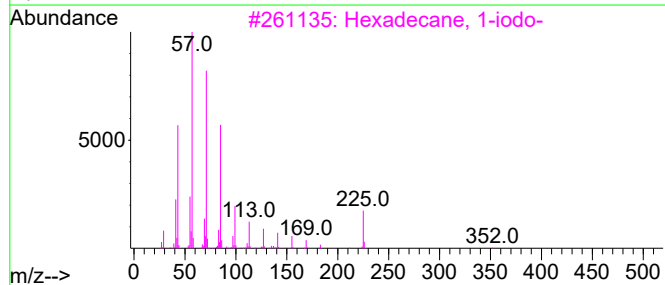
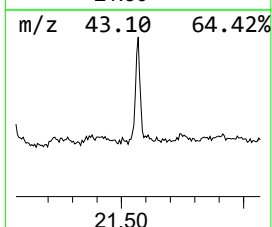
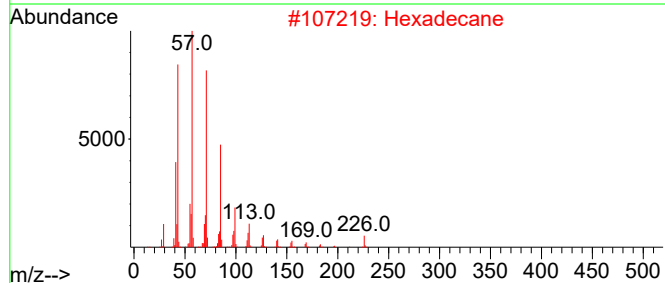
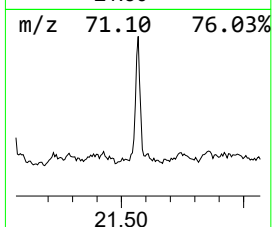
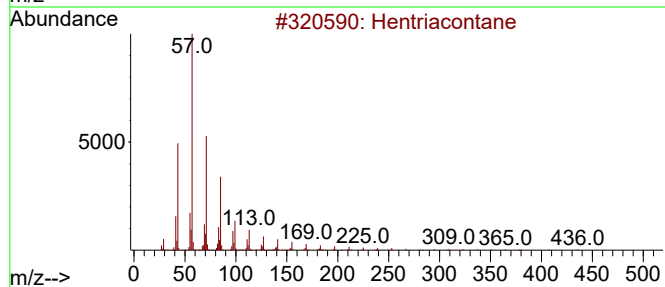
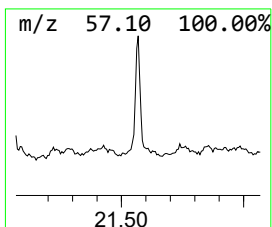
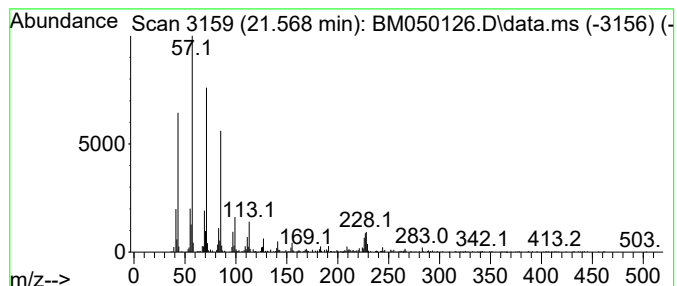
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.568	2.60 ng	410321	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	95
2			Hexadecane	226	C16H34	000544-76-3	93
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4			Octacosane	394	C28H58	000630-02-4	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

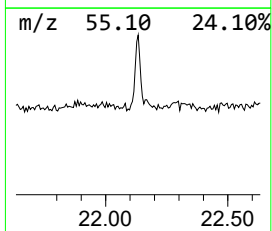
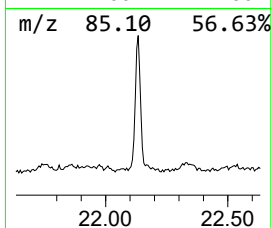
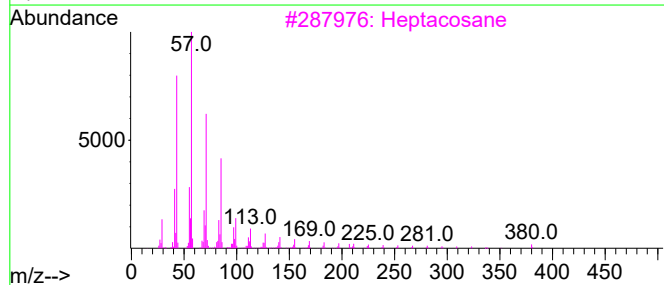
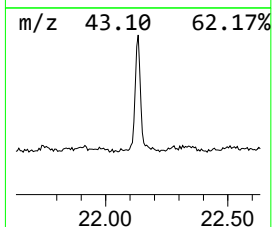
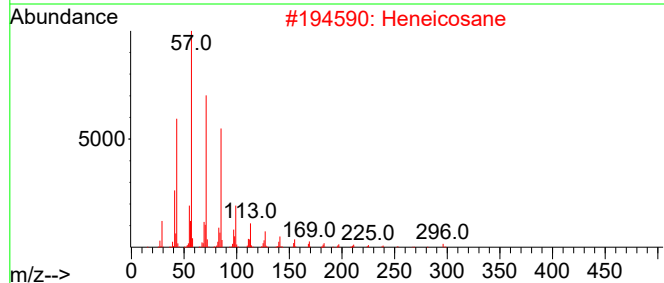
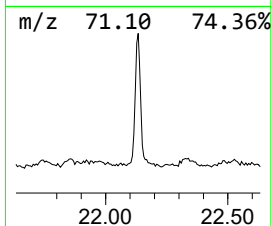
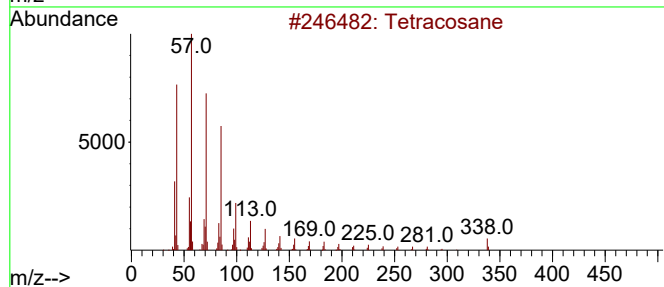
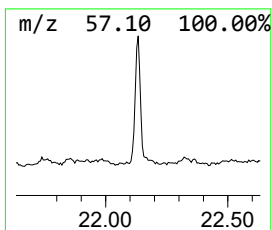
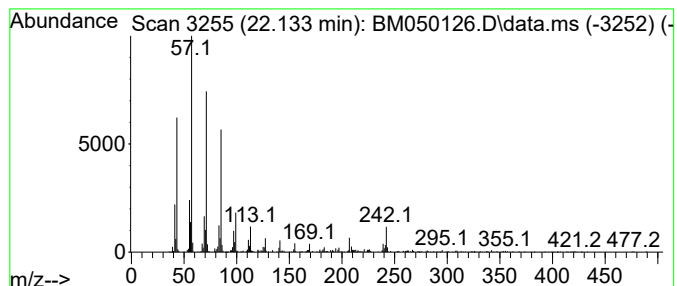
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.133	3.91 ng	617143	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

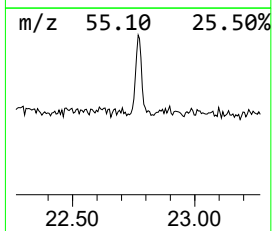
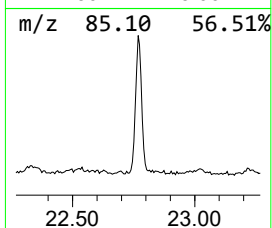
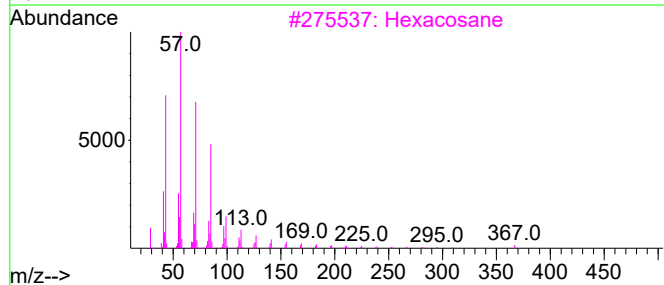
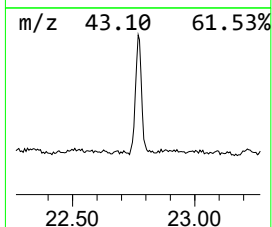
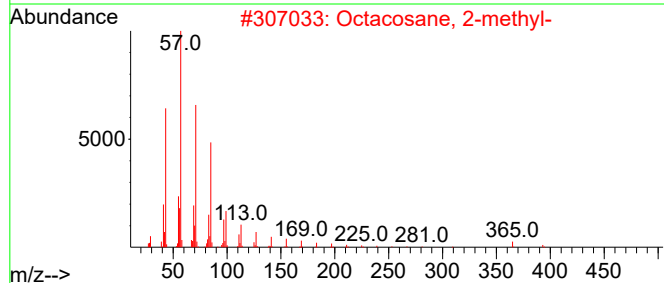
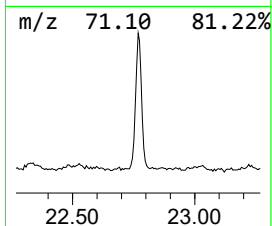
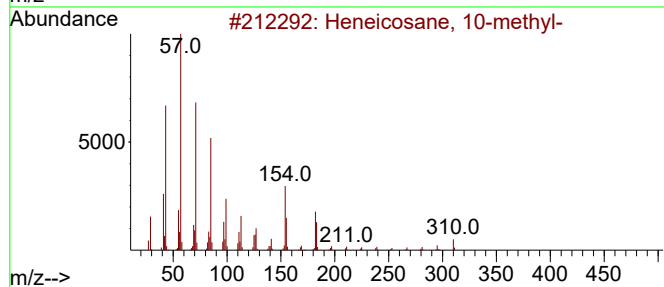
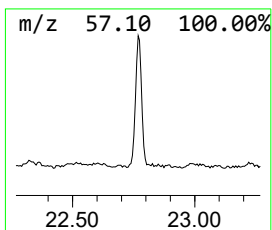
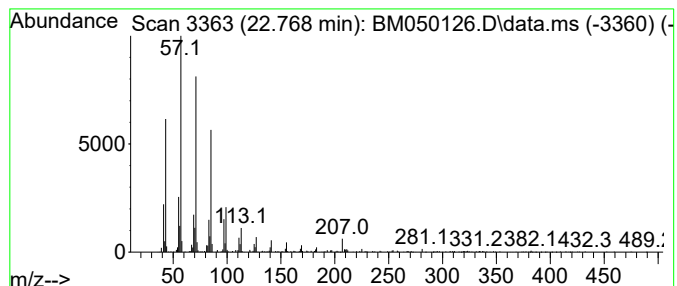
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heneicosane, 10-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.768	6.26 ng	989062	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 10-methyl-	310	C22H46	013287-25-7	91
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

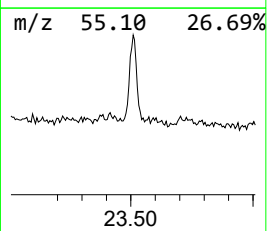
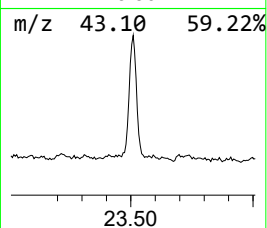
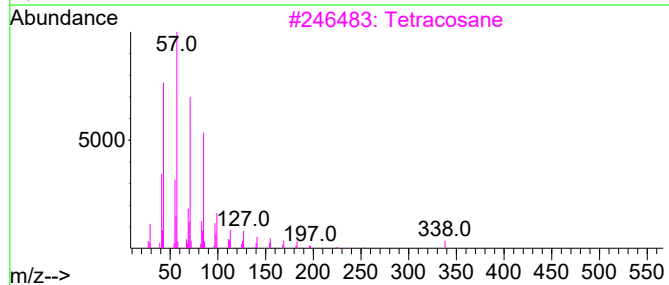
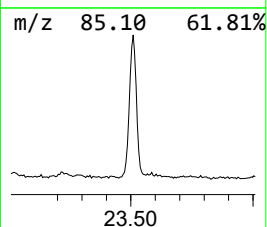
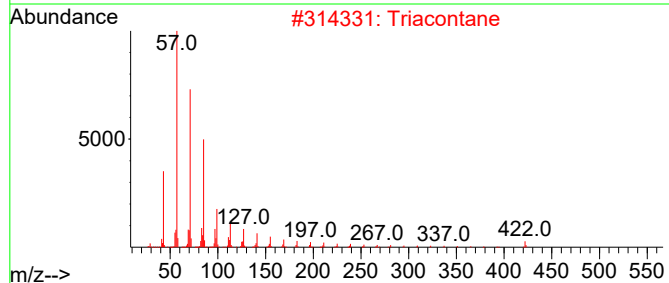
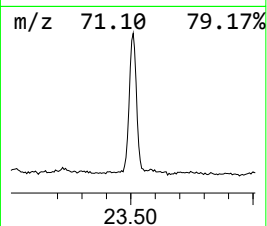
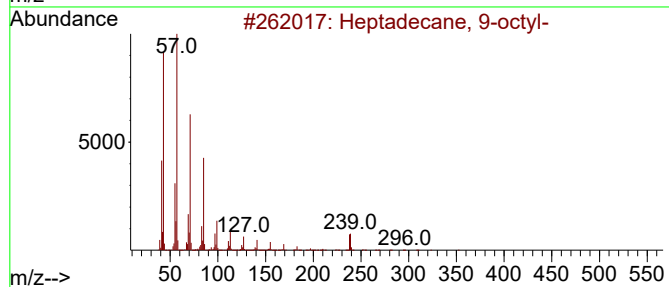
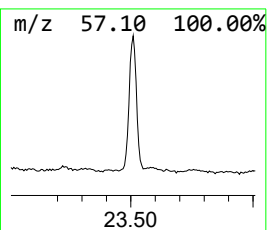
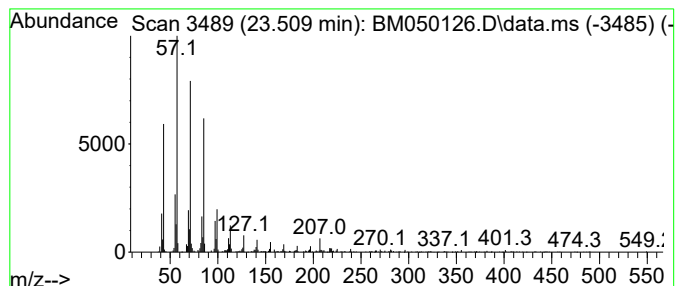
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.509	5.49 ng	1389280	Perylene-d12	24.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2			Triacontane	422	C30H62	000638-68-6	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	91
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050126.D
Acq On : 06 May 2025 19:15
Operator : RC/JU
Sample : Q1961-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EO-01-050525

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.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
unknown14.616	14.616	6.8	ng	1009230	3	14.392	2945410	20.0
n-Hexadecanoic ...	18.039	3.3	ng	547131	4	17.139	3290090	20.0
Hentriacontane	21.568	2.6	ng	410321	5	21.386	3159750	20.0
Tetracosane	22.133	3.9	ng	617143	5	21.386	3159750	20.0
Heneicosane, 10...	22.768	6.3	ng	989062	5	21.386	3159750	20.0
Heptadecane, 9-...	23.509	5.5	ng	1389280	6	24.380	5057520	20.0