

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144352.D
 Acq On : 25 Nov 2025 16:15
 Operator : RC/JU
 Sample : Q3700-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

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-BF110525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144352.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.498	557	562	572	rVB	366167	590190	1.36%	0.455%
2	6.498	727	732	737	rBV	282448	457532	1.05%	0.353%
3	7.422	885	889	894	rVV	649795	847223	1.95%	0.654%
4	7.598	903	919	929	rBV	253380	731062	1.68%	0.564%
5	8.134	963	1010	1017	rVV4	1841067	14828771	34.06%	11.439%
6	8.716	1101	1109	1114	rBV	670096	895025	2.06%	0.690%
7	8.863	1129	1134	1151	rVB	248994	678669	1.56%	0.524%
8	9.198	1163	1191	1199	rBV2	1919756	10990167	25.24%	8.478%
9	9.269	1199	1203	1210	rVV	382020	574229	1.32%	0.443%
10	10.333	1341	1384	1390	rBV2	4797327	43534542	100.00%	33.584%
11	10.698	1441	1446	1453	rBV	454478	619983	1.42%	0.478%
12	10.928	1480	1485	1486	rBV	488444	562317	1.29%	0.434%
13	10.951	1486	1489	1492	rVV	1009074	1533548	3.52%	1.183%
14	10.981	1492	1494	1504	rVB	635539	915268	2.10%	0.706%
15	11.157	1505	1524	1530	rBV	3735158	15873943	36.46%	12.246%
16	11.975	1649	1663	1675	rVV	3384129	10534545	24.20%	8.127%
17	12.686	1768	1784	1789	rBV2	3932162	13611485	31.27%	10.500%
18	12.745	1789	1794	1803	rVV	2372089	4189880	9.62%	3.232%
19	12.822	1803	1807	1813	rVV2	363612	590817	1.36%	0.456%
20	12.922	1820	1824	1829	rVB	362778	462543	1.06%	0.357%
21	12.986	1829	1835	1841	rBV2	1341405	2380859	5.47%	1.837%
22	13.369	1894	1900	1907	rBV	463958	901658	2.07%	0.696%
23	13.645	1939	1947	1952	rVB2	270400	440352	1.01%	0.340%
24	13.698	1952	1956	1961	rBV	326532	446874	1.03%	0.345%
25	13.880	1982	1987	1993	rBV	473888	647963	1.49%	0.500%
26	15.521	2261	2266	2271	rBV	317373	494501	1.14%	0.381%
27	17.074	2522	2530	2540	rVB	147146	436183	1.00%	0.336%
28	18.333	2734	2744	2767	rVB2	165110	859867	1.98%	0.663%

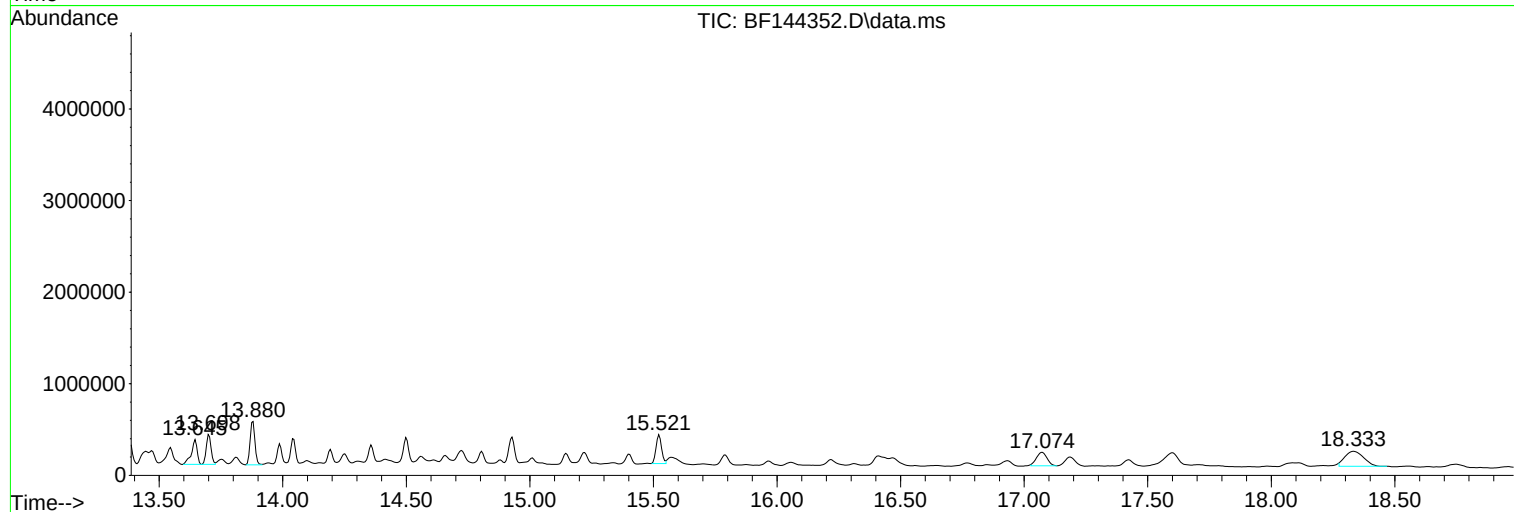
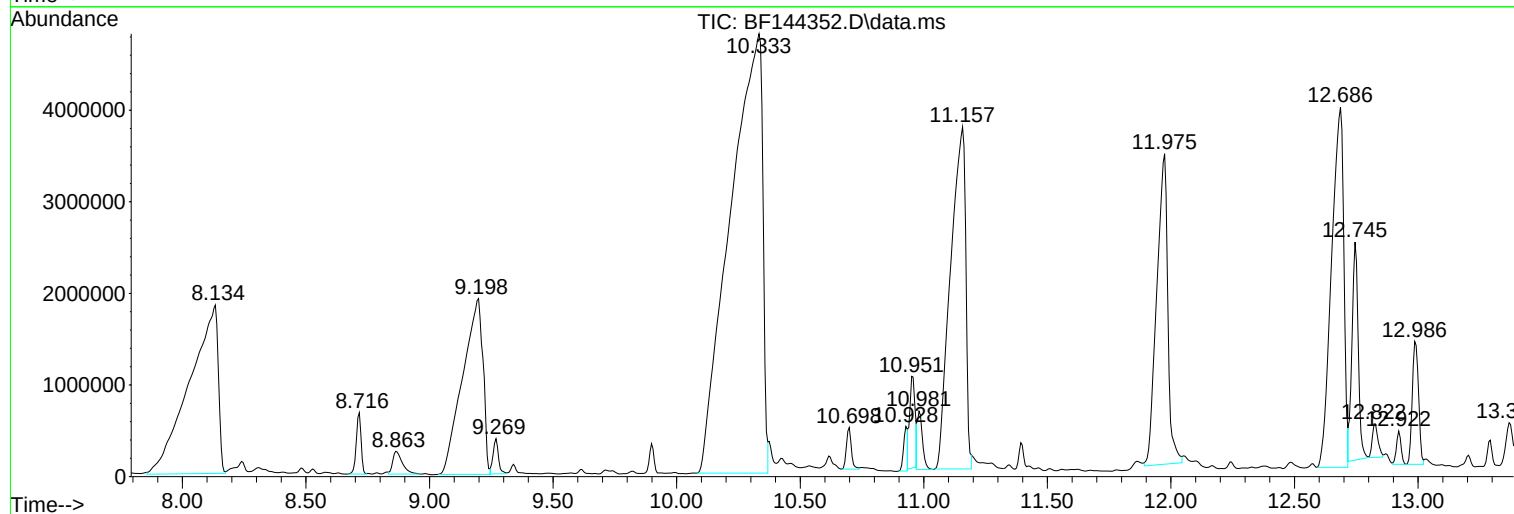
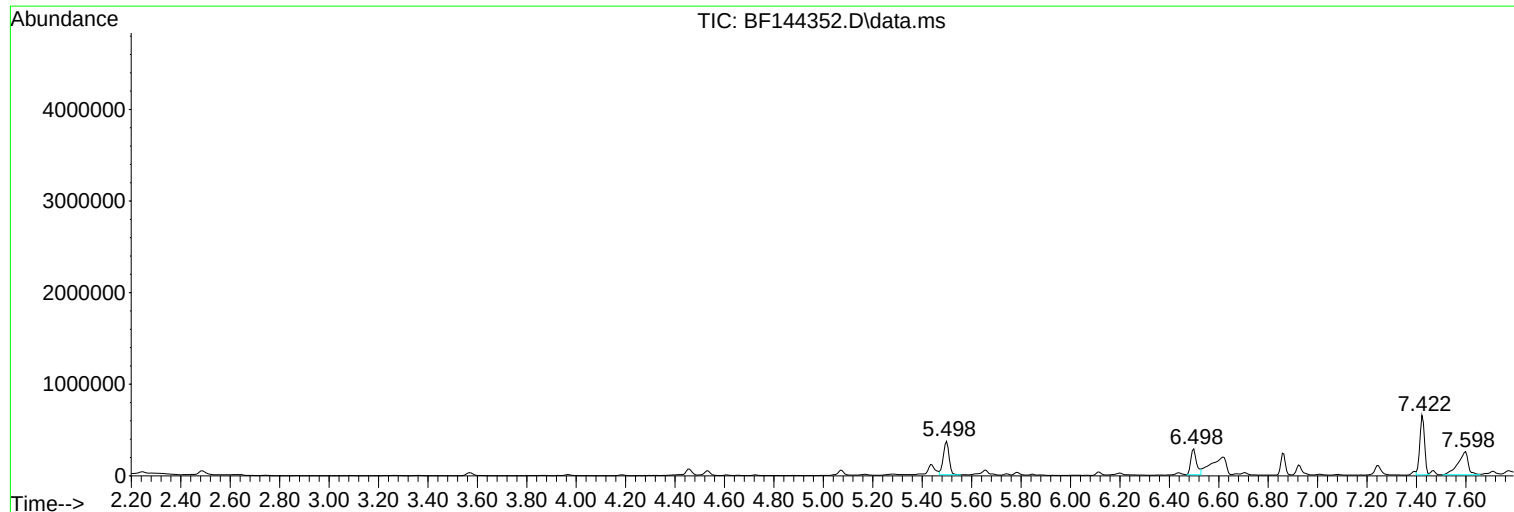
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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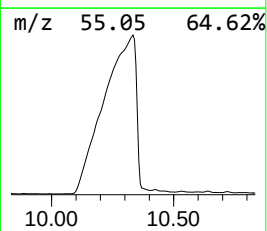
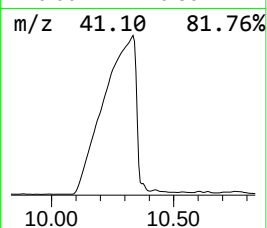
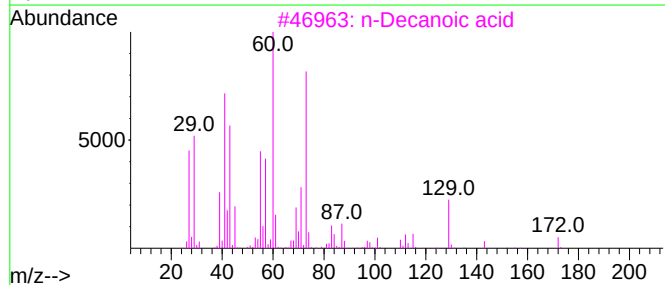
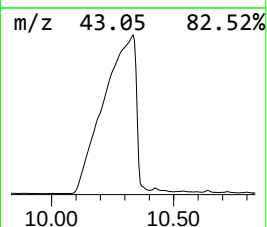
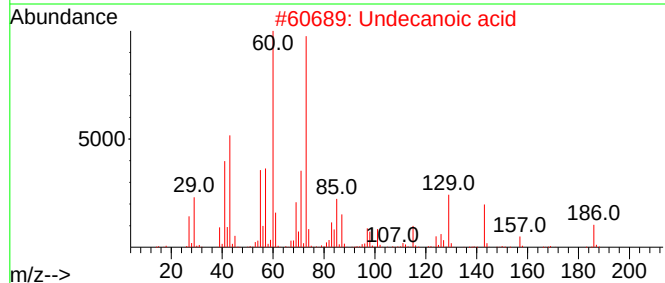
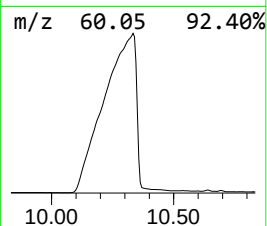
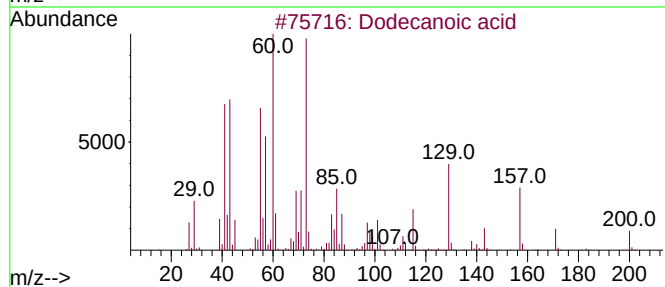
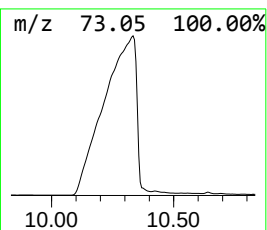
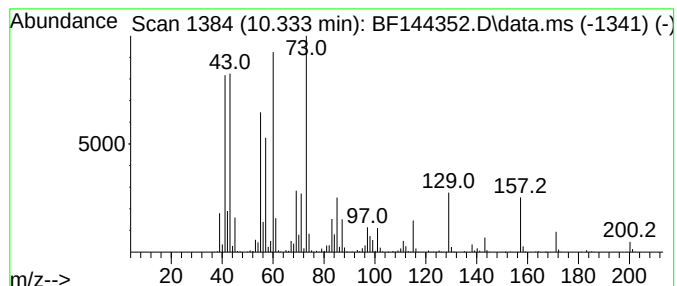
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.334	20.00 ng	43534500	Acenaphthene-d10	9.898

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecanoic acid	200	C12H24O2	000143-07-7	98
2		Undecanoic acid	186	C11H22O2	000112-37-8	80
3		n-Decanoic acid	172	C10H20O2	000334-48-5	68
4		Nonanoic acid	158	C9H18O2	000112-05-0	60
5		Hexanoic acid	116	C6H12O2	000142-62-1	35



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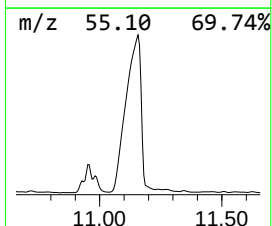
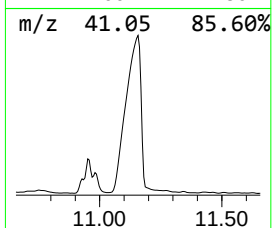
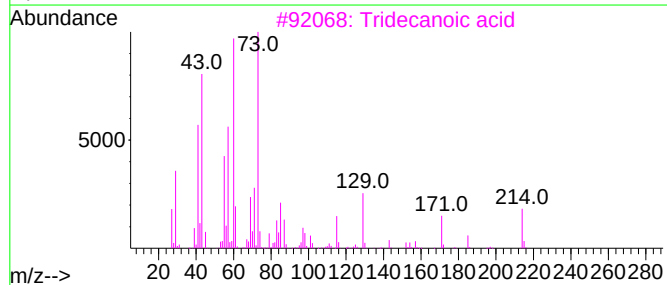
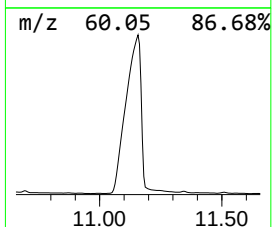
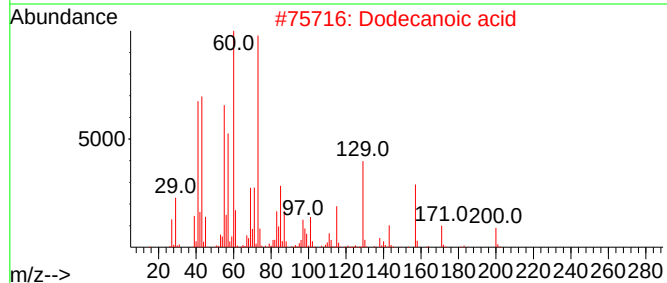
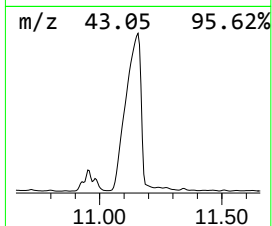
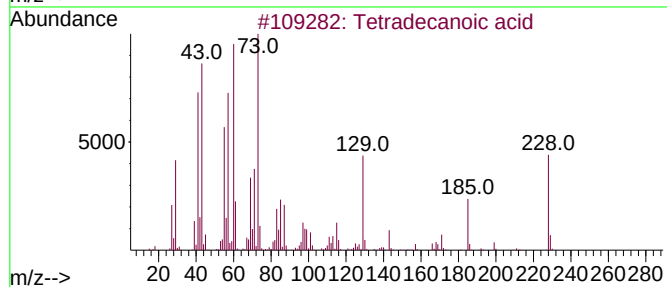
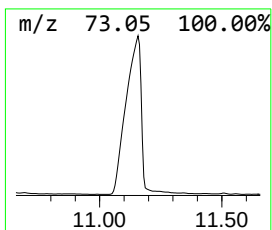
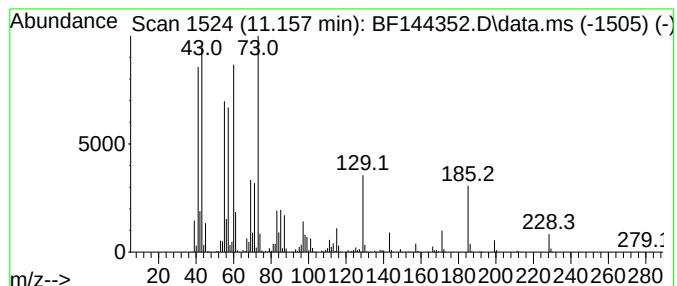
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	20.00 ng	15873900	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2			Dodecanoic acid	200	C12H24O2	000143-07-7	80
3			Tridecanoic acid	214	C13H26O2	000638-53-9	59
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



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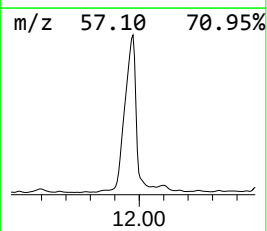
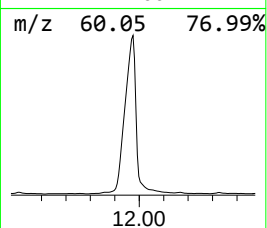
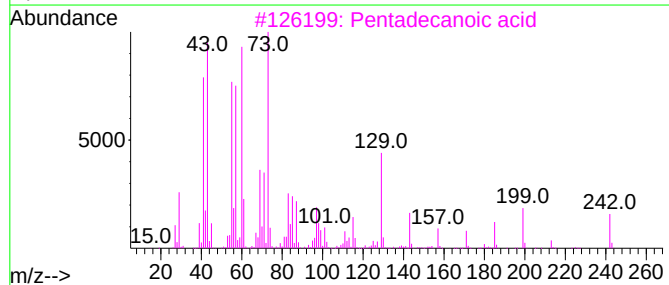
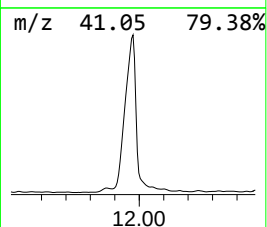
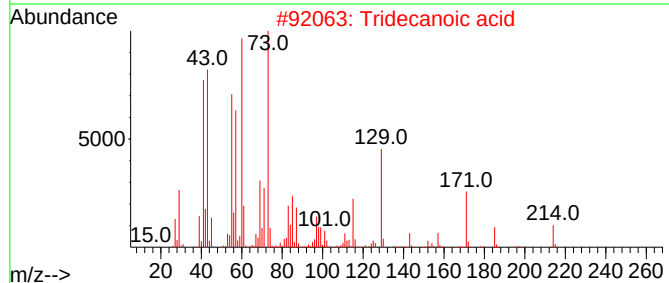
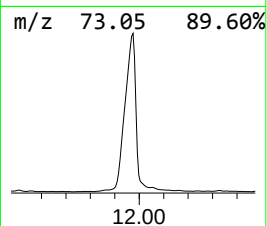
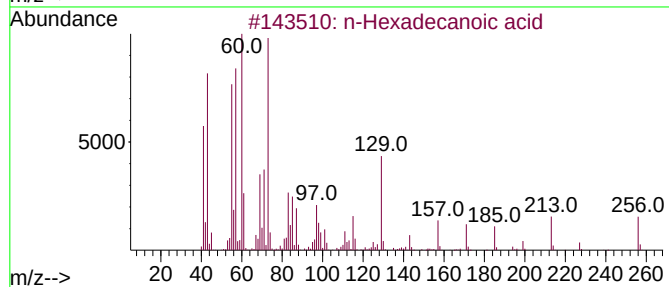
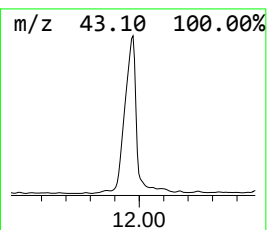
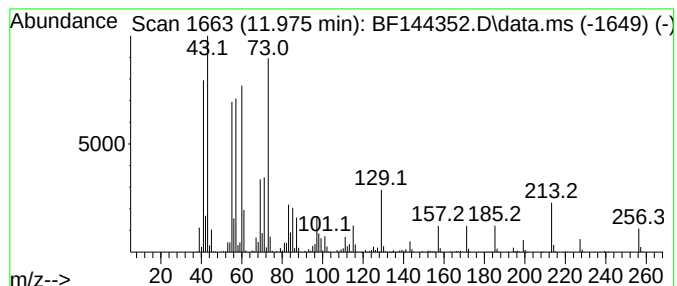
Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.975	13.27 ng	10534500	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47



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Misc :
ALS Vial : 6 Sample Multiplier: 1

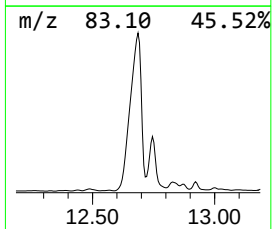
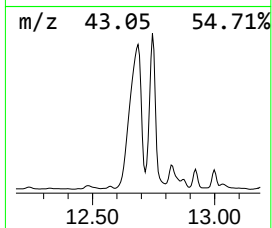
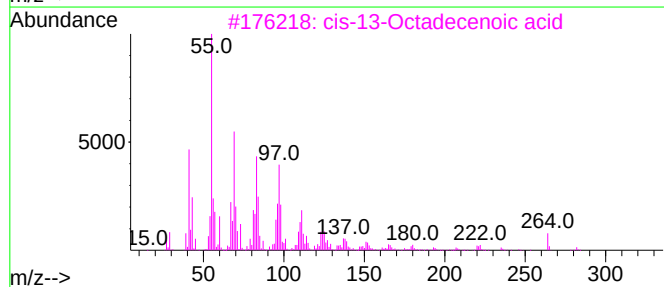
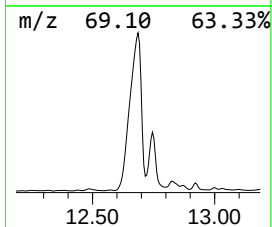
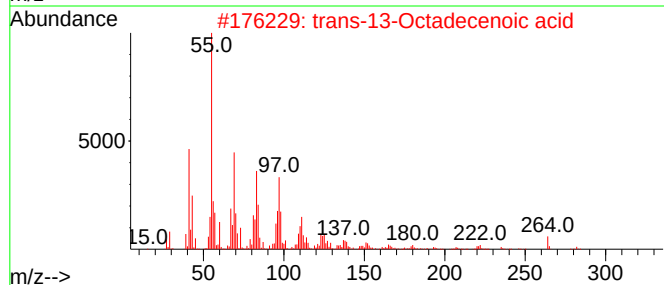
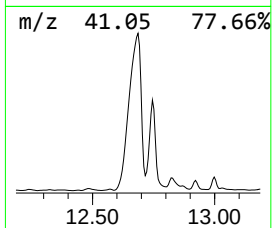
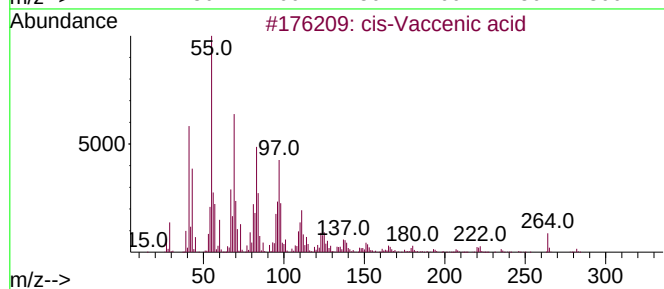
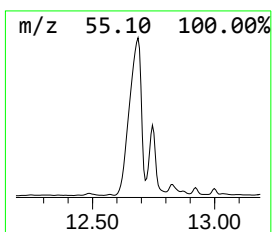
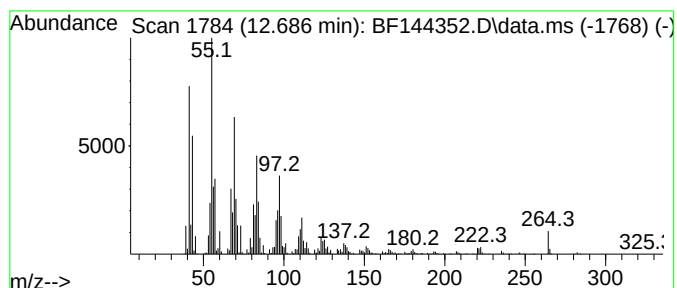
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Peak Number 4 cis-Vaccenic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.686	17.15 ng	13611500	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91



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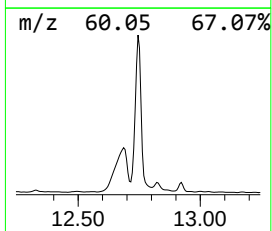
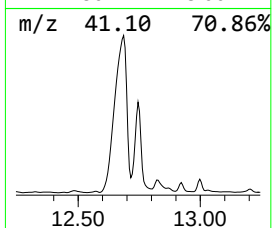
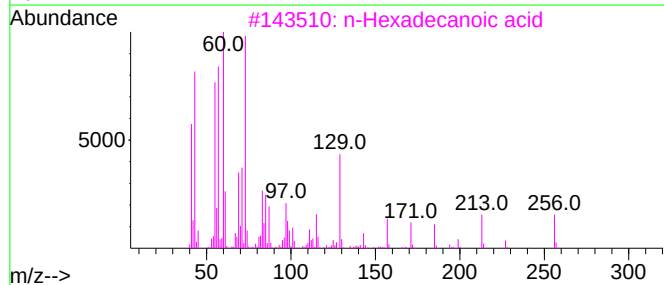
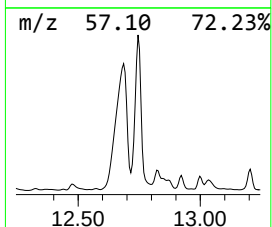
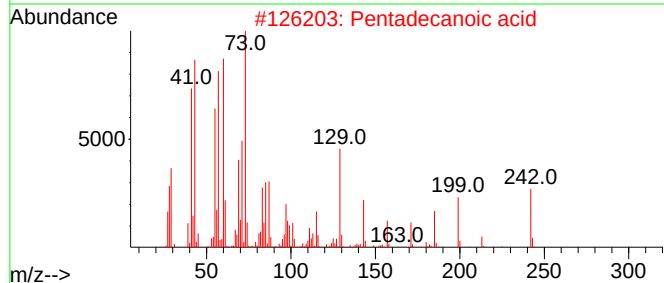
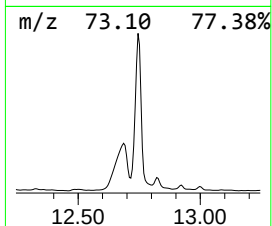
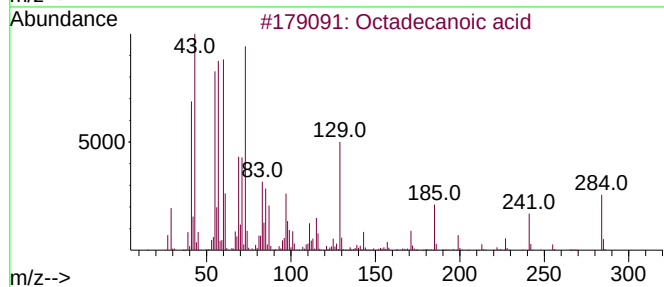
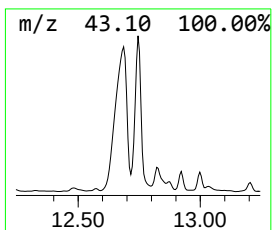
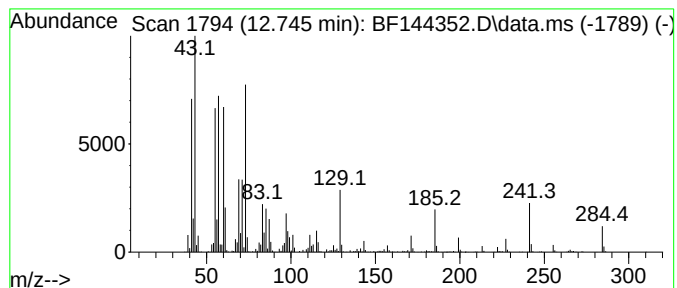
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.745	129.32 ng	4189880	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	92
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58



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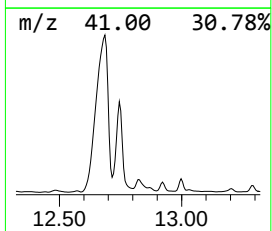
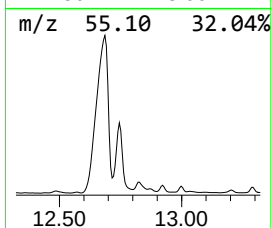
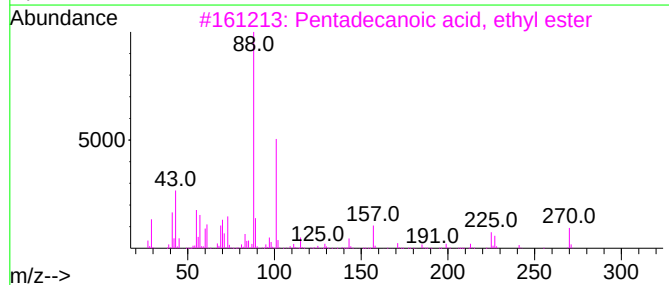
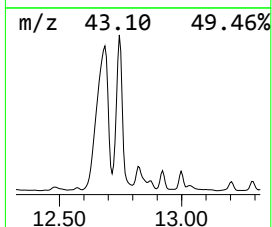
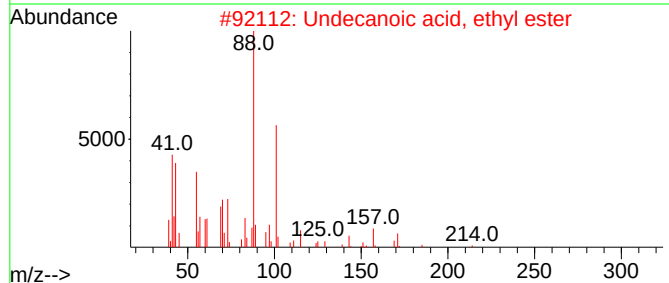
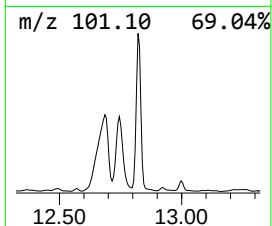
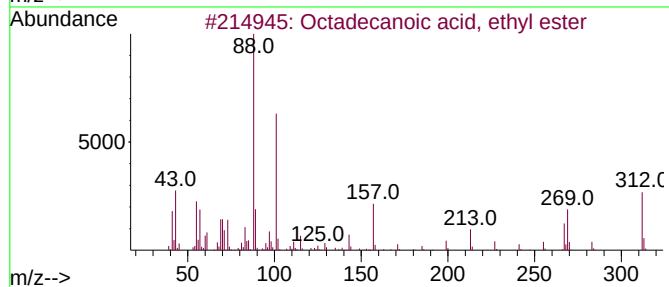
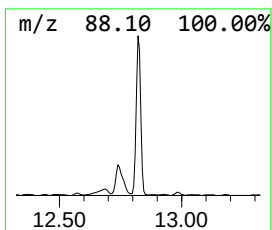
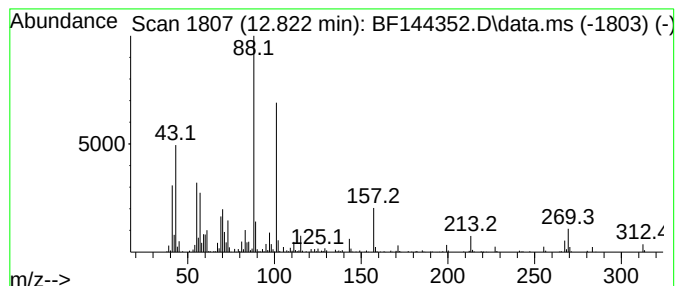
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	18.24 ng	590817	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	98
2			Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	81
3			Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	81
4			Dodecanoic acid, ethyl ester	228	C14H28O2	000106-33-2	72
5			Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

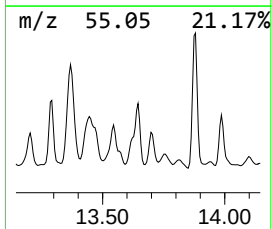
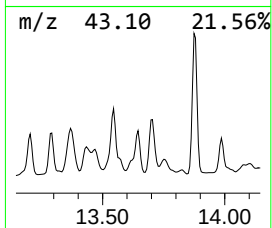
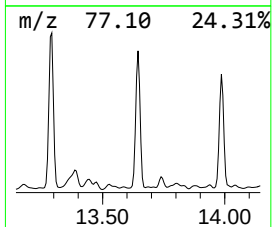
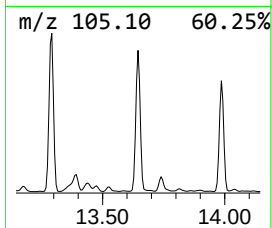
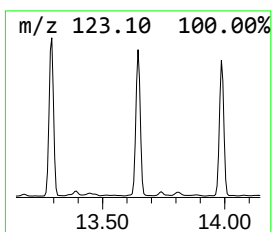
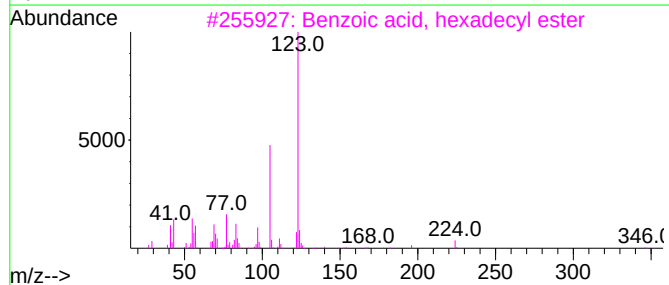
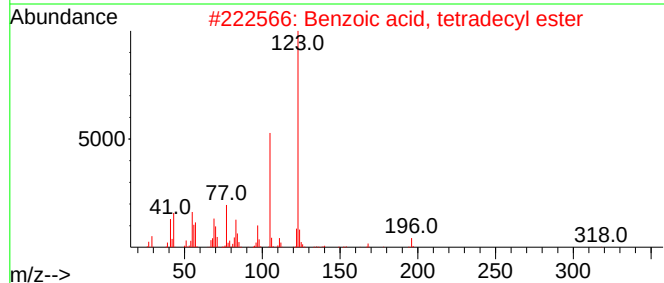
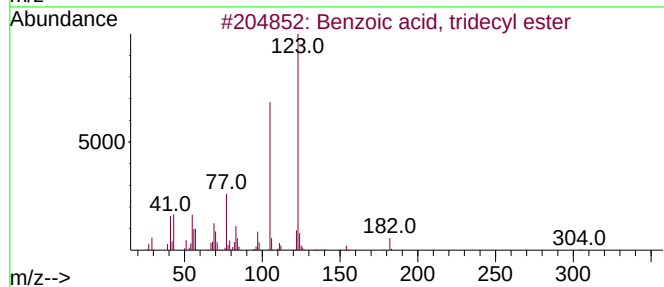
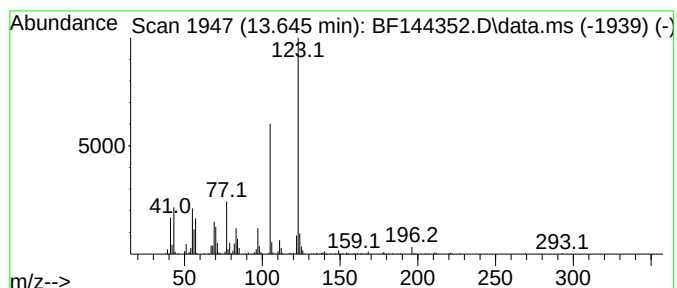
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzoic acid, tridecyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	13.59 ng	440352	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2			Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
3			Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	91
4			Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
5			Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

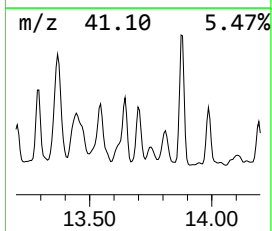
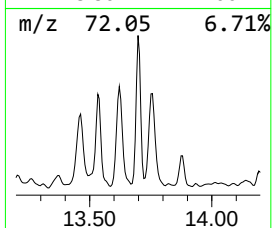
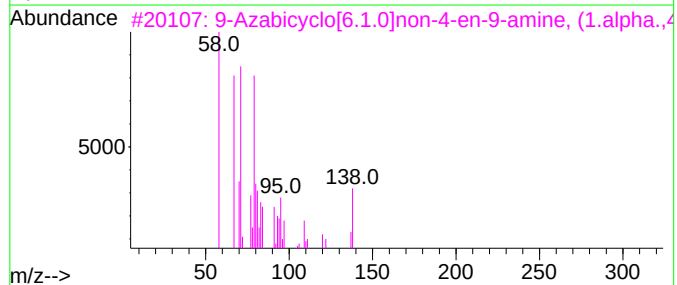
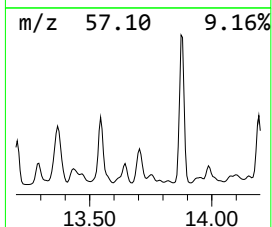
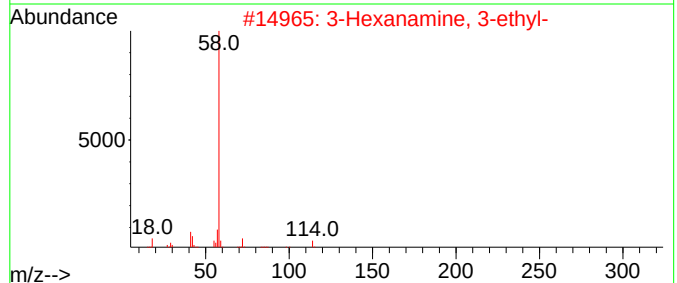
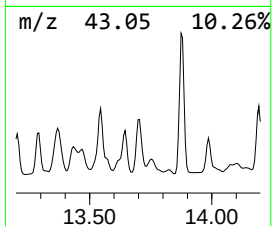
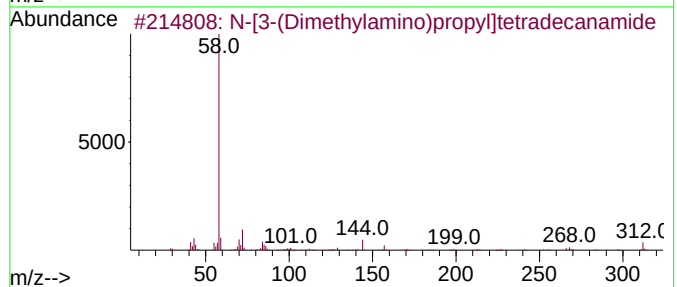
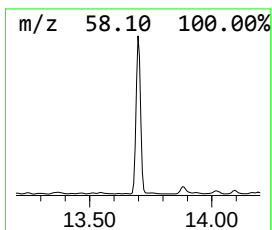
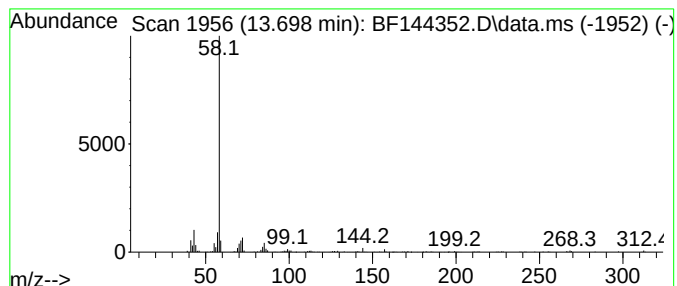
Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 N-[3-(Dimethylamino)propyl]... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.698	13.79 ng	446874	Chrysene-d12			14.039
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	N-[3-(Dimethylamino)propyl]tetra...		312	C19H40N2O	045267-19-4	87
2	3-Hexanamine, 3-ethyl-		129	C8H19N	056667-17-5	72
3	9-Azabicyclo[6.1.0]non-4-en-9-am...		138	C8H14N2	066387-78-8	64
4	N,N,2,2-Tetramethyl-1,3-propaned...		130	C7H18N2	053369-71-4	59
5	Fumaric acid, 2-dimethylaminoeth...		313	C17H31N04	1000331-64-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
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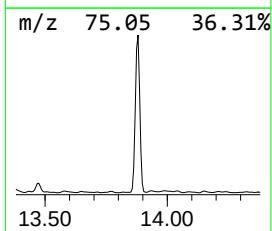
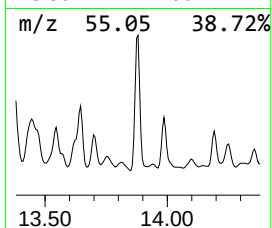
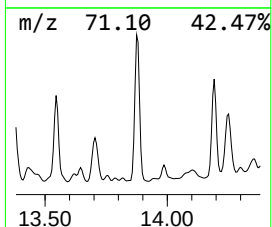
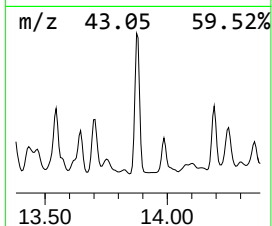
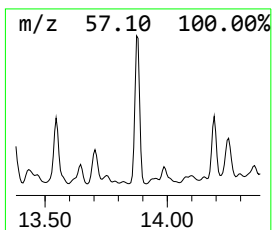
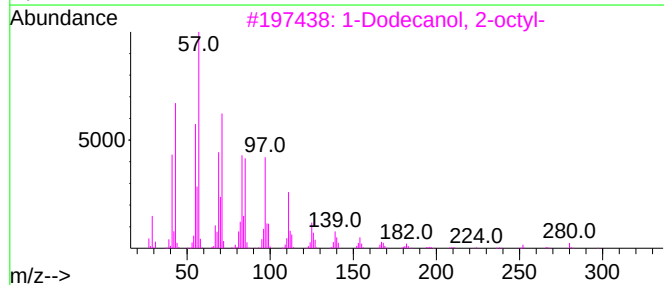
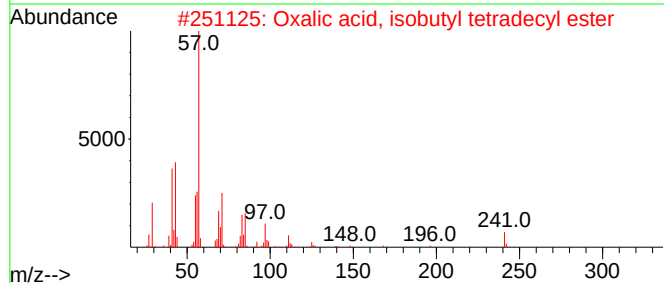
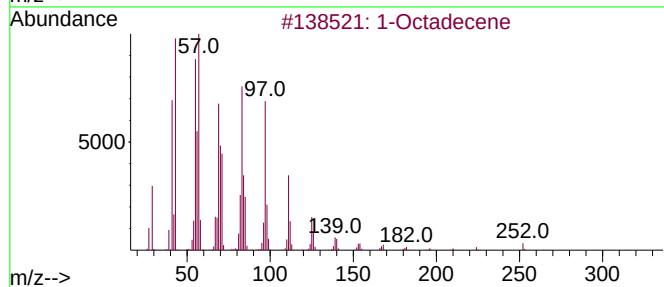
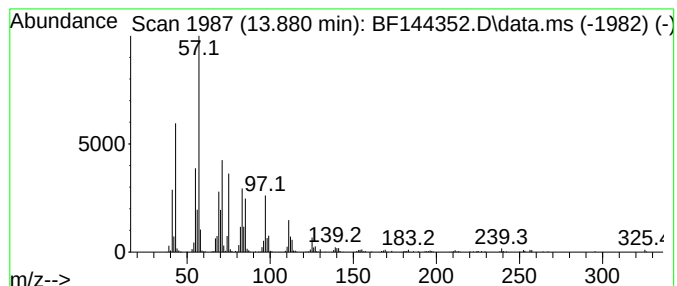
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.880	20.00 ng	647963	Chrysene-d12	14.039	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	74
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	70
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Dodecanoic acid	10.334	20.0	ng	43534500	3	9.898	43534500	20.0
Tetradecanoic acid	11.157	20.0	ng	15873900	4	11.392	15873900	20.0
n-Hexadecanoic ...	11.975	13.3	ng	10534500	4	11.392	15873900	20.0
cis-Vaccenic acid	12.686	17.1	ng	13611500	4	11.392	15873900	20.0
Octadecanoic acid	12.745	129.3	ng	4189880	5	14.039	647963	20.0
Octadecanoic ac...	12.822	18.2	ng	590817	5	14.039	647963	20.0
Benzoic acid, t...	13.645	13.6	ng	440352	5	14.039	647963	20.0
N-[3-(Dimethyla...	13.698	13.8	ng	446874	5	14.039	647963	20.0
1-Octadecene	13.880	20.0	ng	647963	5	14.039	647963	20.0