

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142214.D
 Acq On : 22 Apr 2025 16:21
 Operator : RC/JU
 Sample : Q1833-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

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-BF042125.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142214.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.751	755	775	779	rVB	2115046	9329036	1.16%	0.405%
2	6.963	799	811	817	rBV	21468051	58496199	7.29%	2.541%
3	8.145	974	1012	1014	rBV3	10520650	54632507	6.81%	2.373%
4	9.222	1166	1195	1198	rBV	19081138	77098424	9.61%	3.349%
5	10.545	1341	1420	1426	rVV2	51076910	802655740	100.00%	34.862%
6	10.951	1483	1489	1490	rBV	10909743	15200567	1.89%	0.660%
7	10.980	1490	1494	1497	rVV	21781590	39827331	4.96%	1.730%
8	11.010	1497	1499	1512	rVV2	16500961	23178187	2.89%	1.007%
9	11.227	1513	1536	1542	rVV2	33830856	158422429	19.74%	6.881%
10	11.310	1542	1550	1555	rVV	23038639	48873175	6.09%	2.123%
11	11.374	1555	1561	1574	rVB2	34128699	57555369	7.17%	2.500%
12	11.598	1591	1599	1604	rBV	9670599	17093775	2.13%	0.742%
13	11.986	1652	1665	1674	rBV	23773804	71183584	8.87%	3.092%
14	12.374	1726	1731	1737	rBV2	6946278	11065505	1.38%	0.481%
15	12.663	1770	1780	1785	rVV2	14456110	32237143	4.02%	1.400%
16	12.751	1787	1795	1803	rVV	18124449	48291791	6.02%	2.097%
17	12.827	1803	1808	1819	rVB4	7583048	19848224	2.47%	0.862%
18	12.921	1820	1824	1829	rVB	8980163	11340790	1.41%	0.493%
19	12.986	1830	1835	1841	rBV2	12157951	18621363	2.32%	0.809%
20	13.204	1865	1872	1878	rVB	9457640	15080199	1.88%	0.655%
21	13.898	1981	1990	1995	rBV2	38676260	79104707	9.86%	3.436%
22	14.504	2088	2093	2098	rVV	18416419	26708995	3.33%	1.160%
23	15.180	2199	2208	2217	rVB3	12629008	28067026	3.50%	1.219%
24	15.480	2255	2259	2291	rVB2	3675554	9505667	1.18%	0.413%
25	16.527	2409	2437	2469	rVB	46026280	293848393	36.61%	12.763%
26	17.827	2627	2658	2684	rVB	37328741	275133135	34.28%	11.950%

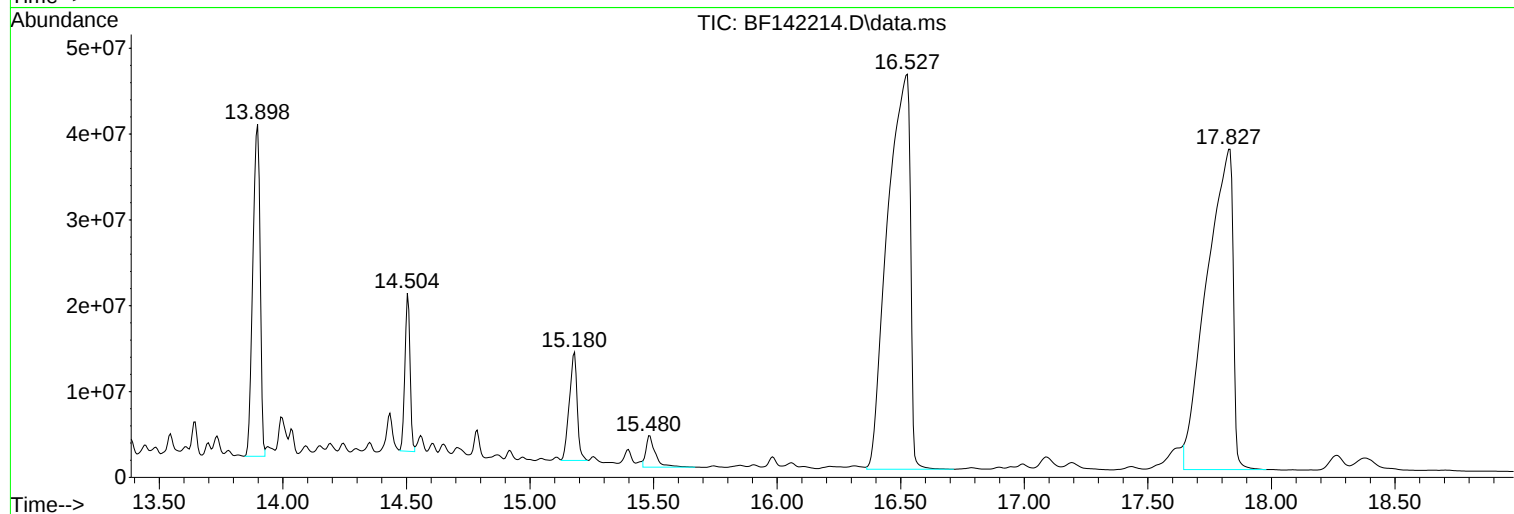
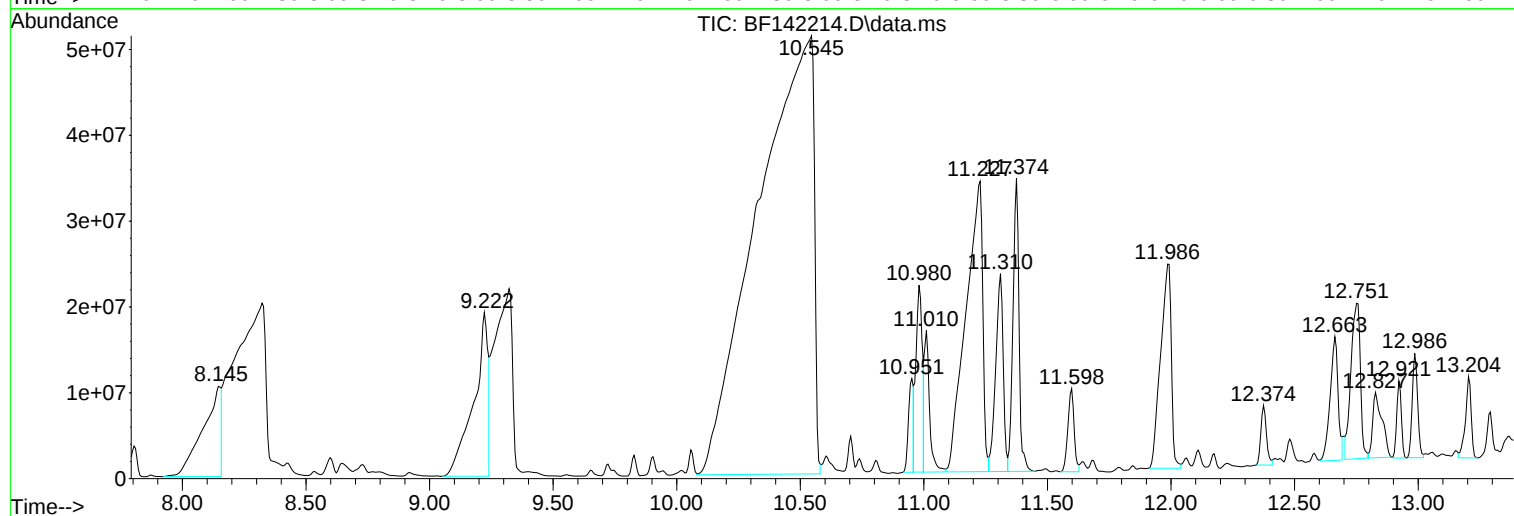
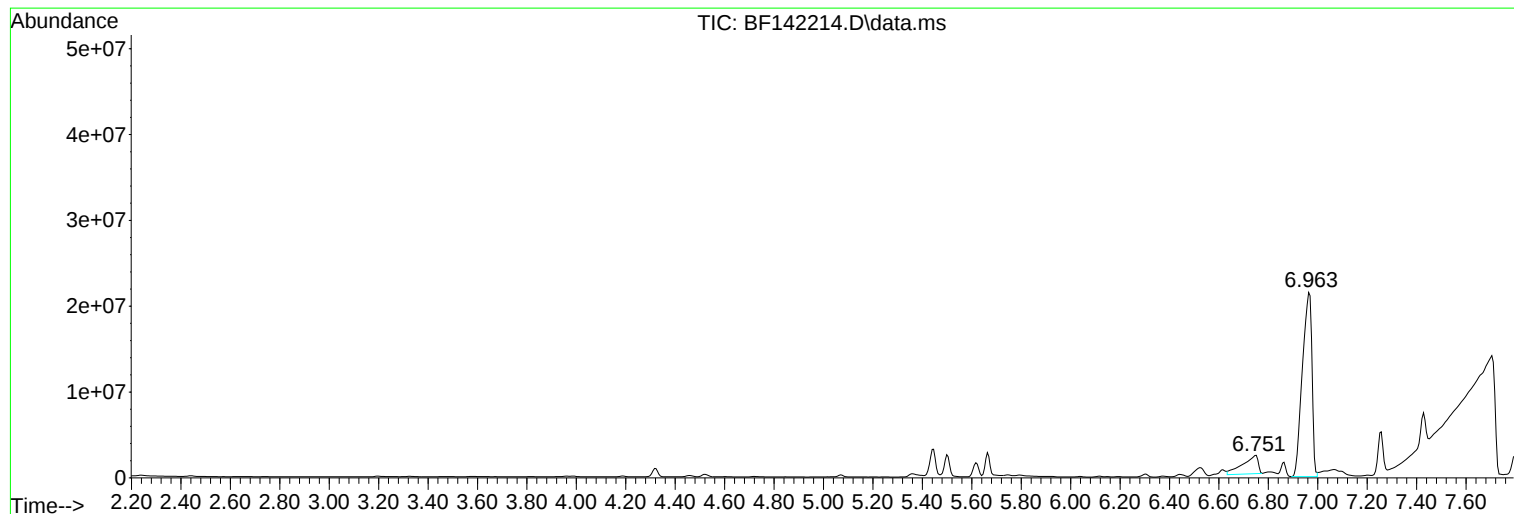
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.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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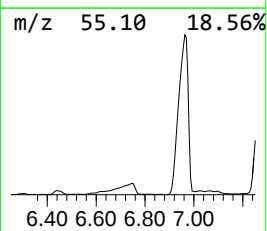
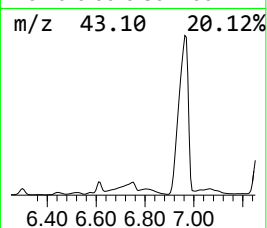
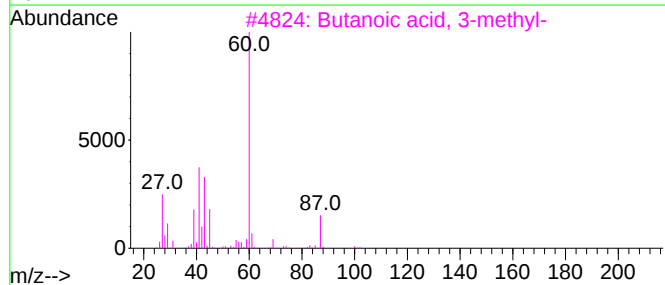
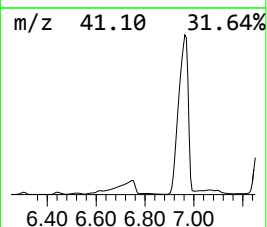
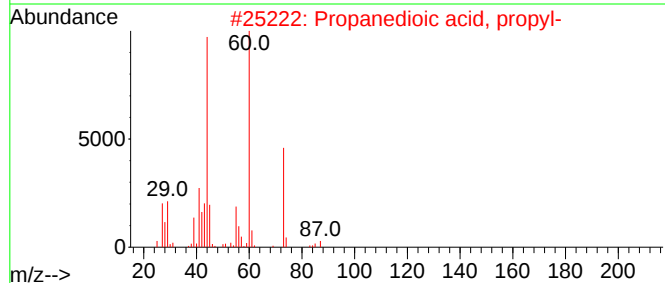
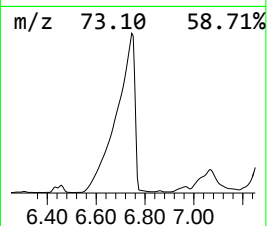
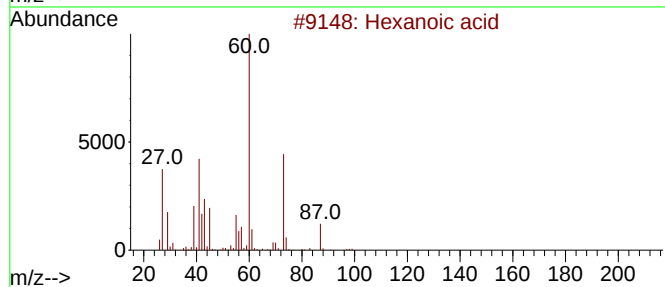
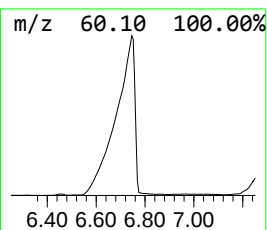
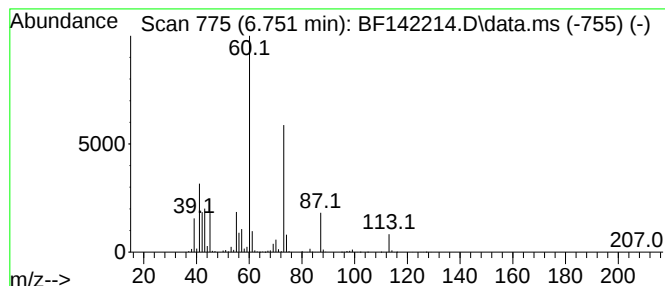
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	3.19 ng	9329040	1,4-Dichlorobenzene-d4	6.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid	116	C6H12O2	000142-62-1	83
2			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
3			Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
4			Heptanoic acid	130	C7H14O2	000111-14-8	50
5			Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	42



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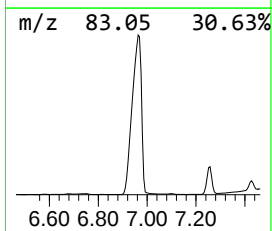
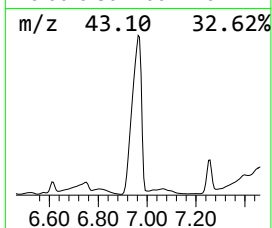
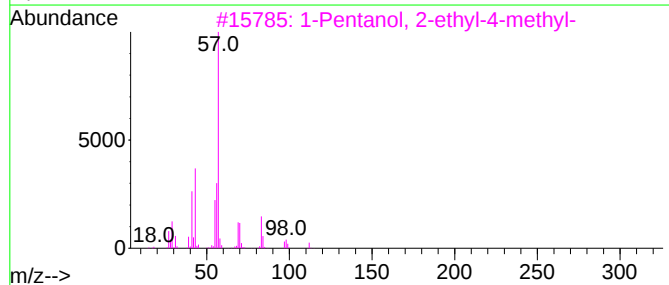
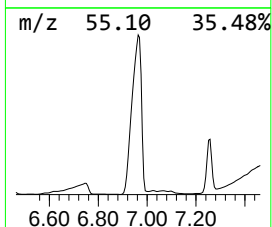
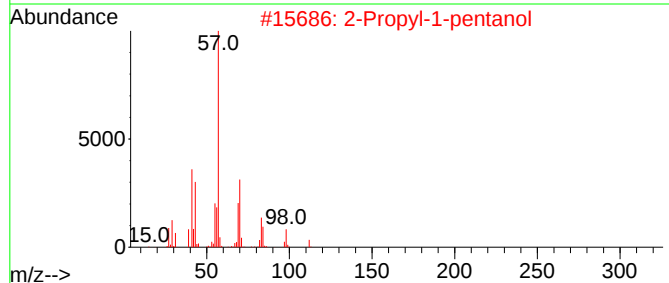
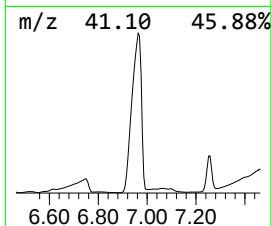
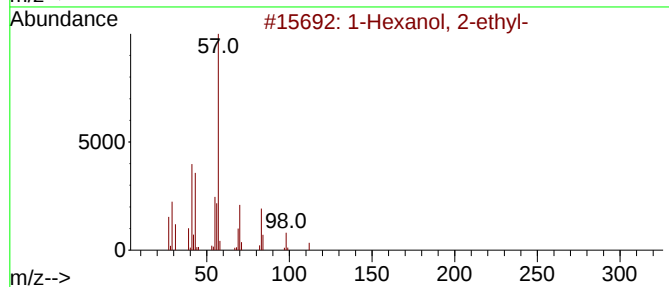
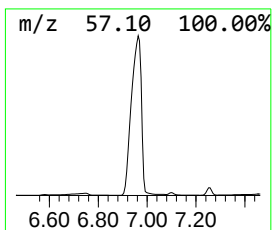
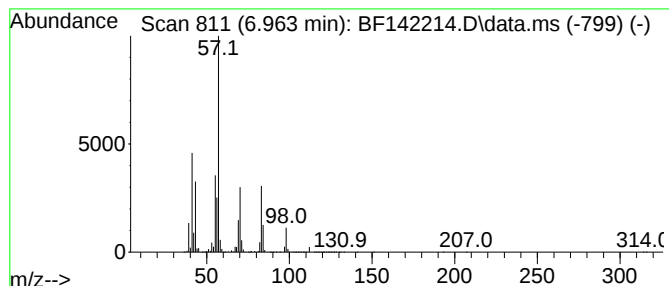
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	20.00 ng	58496200	1,4-Dichlorobenzene-d4	6.863

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4		2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	47
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47



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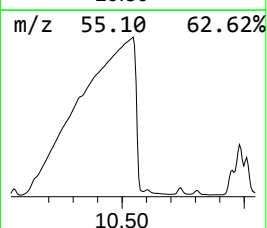
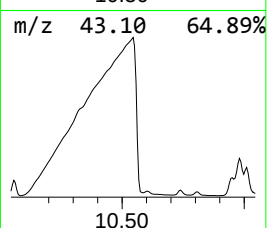
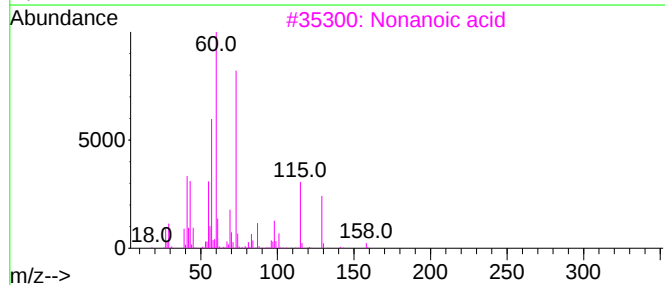
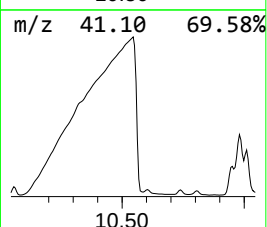
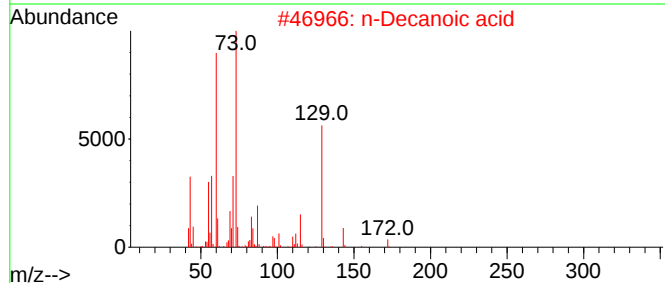
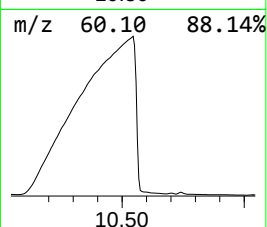
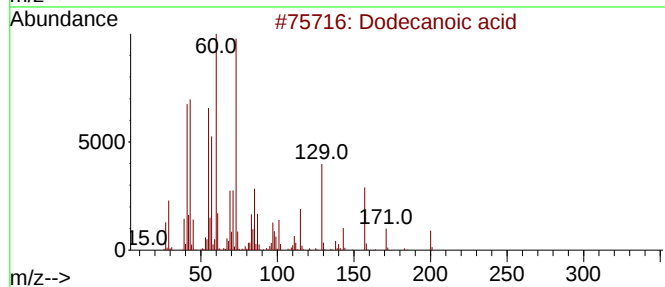
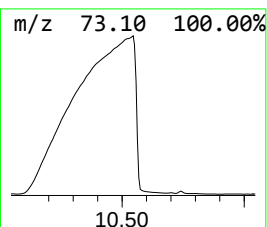
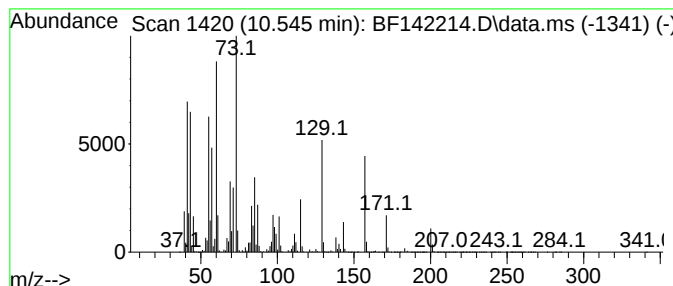
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	20.00 ng	802656000	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	58
3			Nonanoic acid	158	C9H18O2	000112-05-0	38
4			Octanoic acid	144	C8H16O2	000124-07-2	30
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	27



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Misc :
ALS Vial : 7 Sample Multiplier: 1

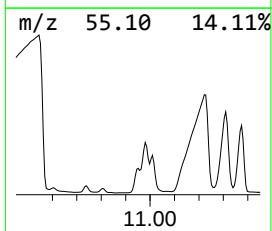
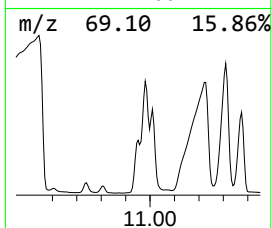
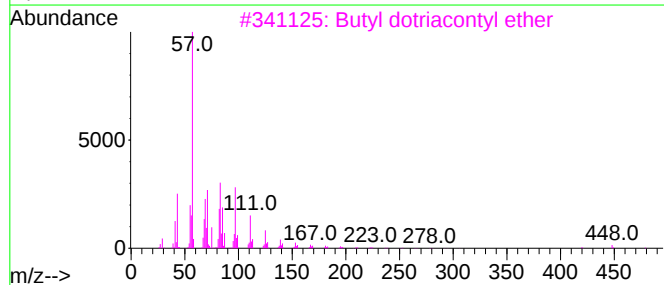
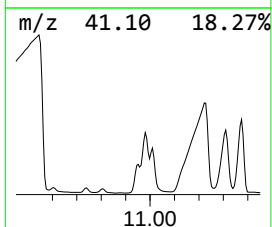
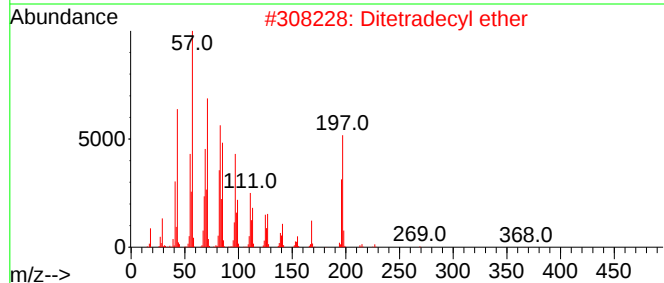
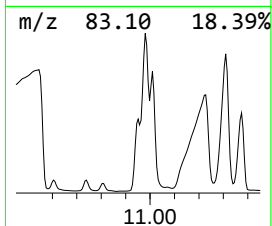
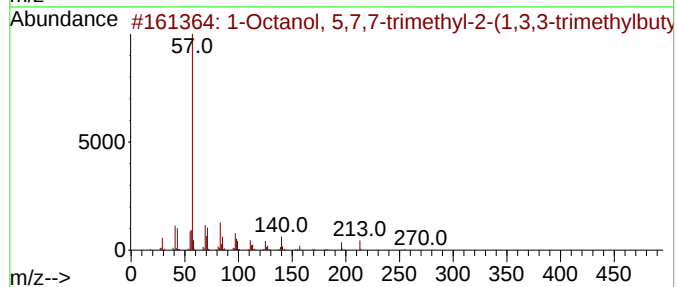
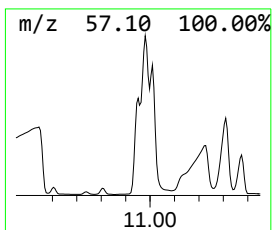
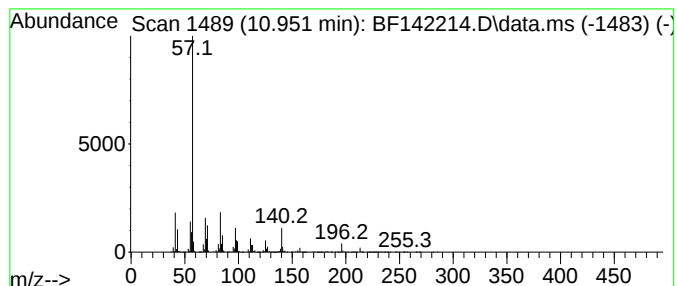
Instrument :
BNA_F
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.951	5.28 ng	15200600	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	87
2	Ditetradecyl ether	410	C28H58O	005412-98-6	50
3	Butyl dotriacontyl ether	523	C36H74O	1000406-41-3	47
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	47
5	Carbonic acid, but-2-yn-1-yl tet...	310	C19H34O3	1010383-20-9	43



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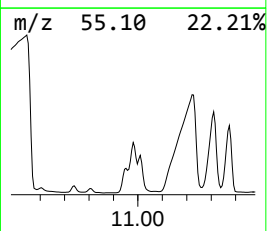
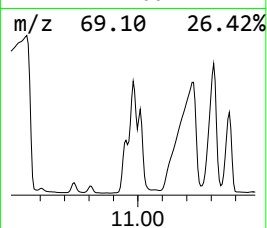
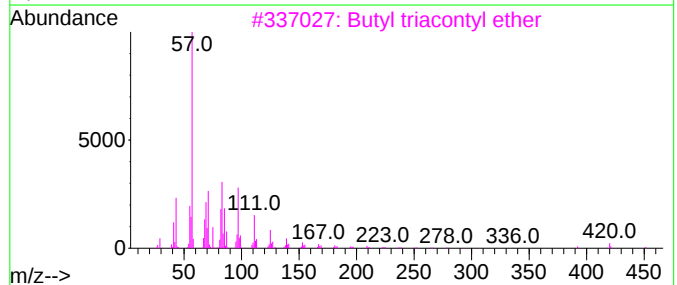
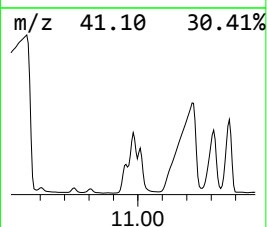
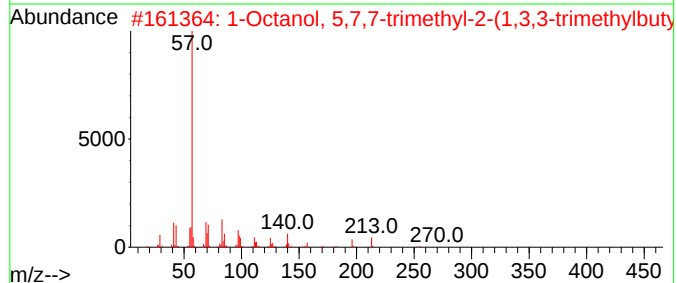
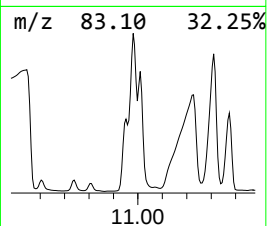
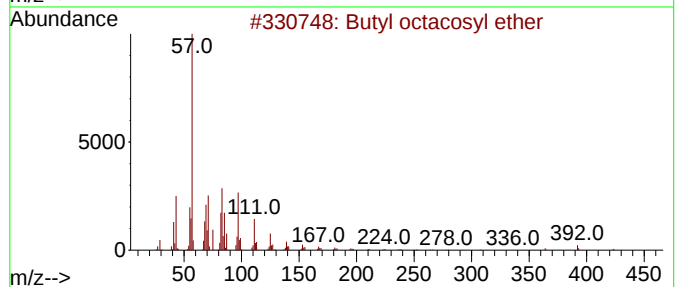
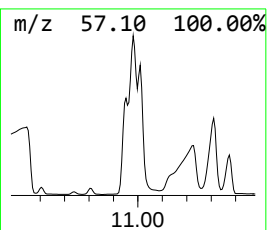
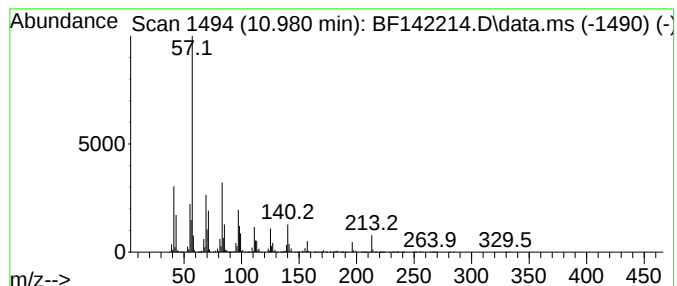
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Butyl octacosyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	13.84 ng	39827300	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butyl octacosyl ether	467	C32H66O	1000406-41-1	80
2			1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80
3			Butyl triacontyl ether	495	C34H70O	1000406-41-2	72
4			Butyl hexacosyl ether	438	C30H62O	1000406-41-0	72
5			Butyl dotriacontyl ether	523	C36H74O	1000406-41-3	72



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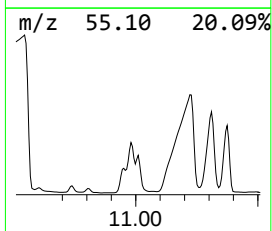
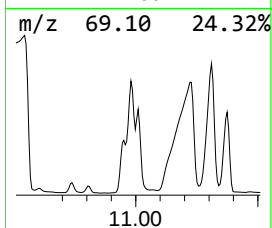
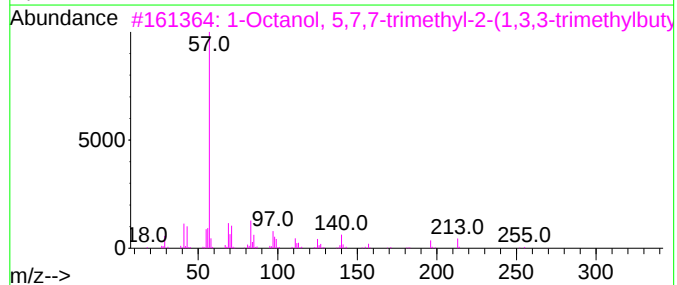
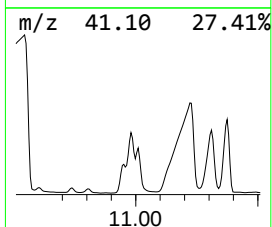
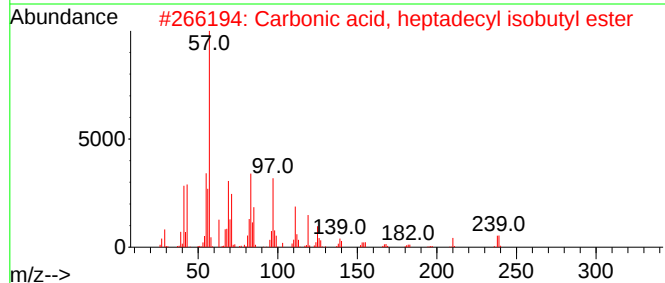
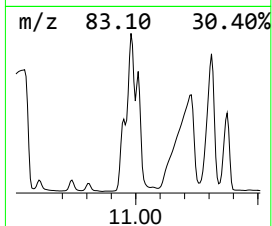
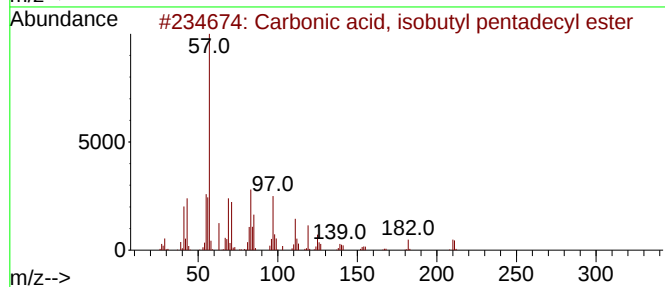
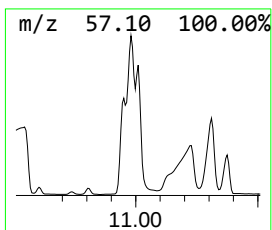
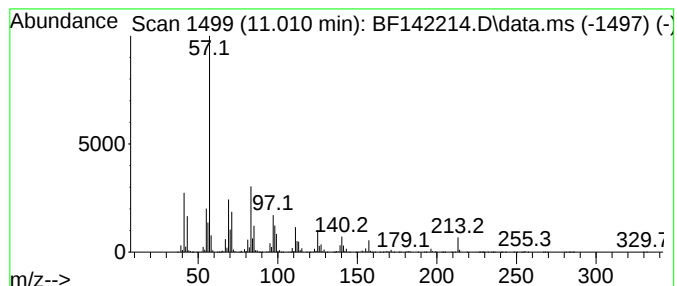
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Carbonic acid, isobutyl pen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	8.05 ng	23178200	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	64
2			Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	50
3			1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	50
4			Heptyl triacontyl ether	537	C37H76O	1000406-40-1	43
5			Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
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Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

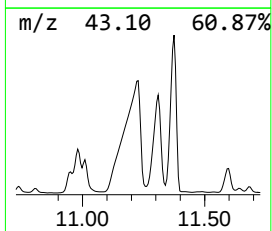
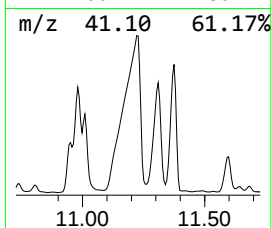
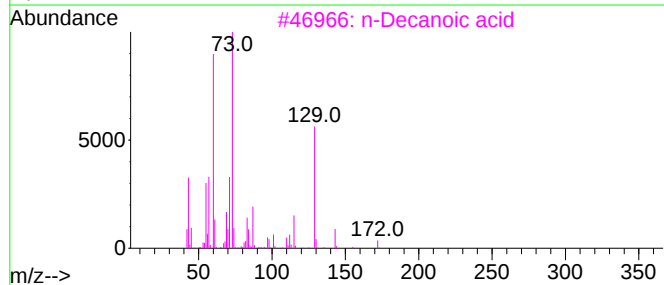
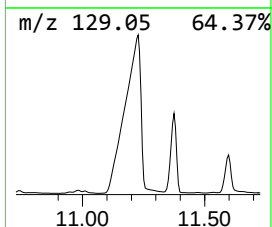
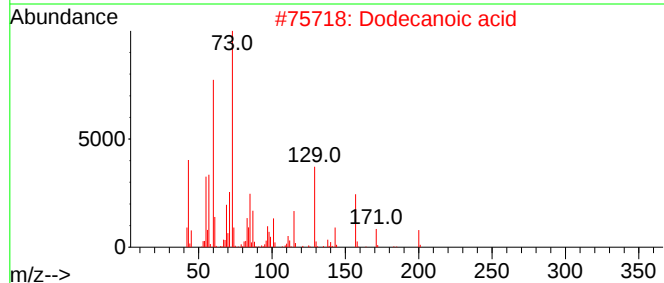
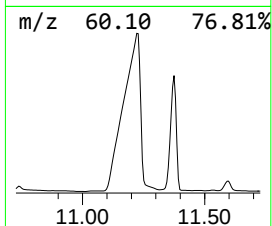
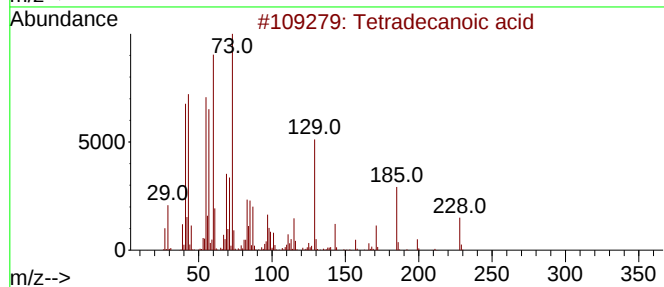
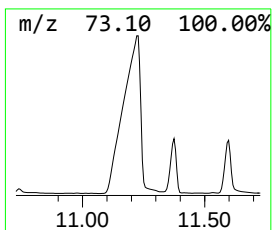
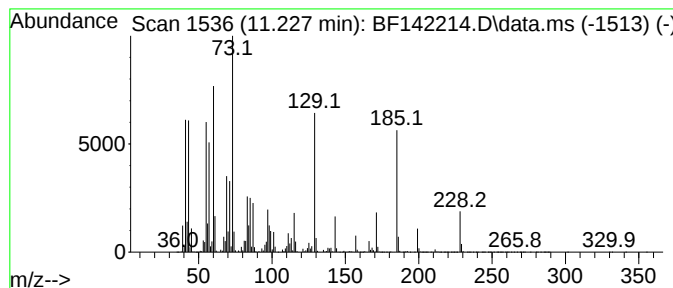
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ClientSampleId :
EFF-WASTE-WATER

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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 7 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.227	55.05 ng	158422000	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetradecanoic acid		228	C14H28O2	000544-63-8	98
2	Dodecanoic acid		200	C12H24O2	000143-07-7	62
3	n-Decanoic acid		172	C10H20O2	000334-48-5	60
4	Undecanoic acid		186	C11H22O2	000112-37-8	58
5	Tridecanoic acid		214	C13H26O2	000638-53-9	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

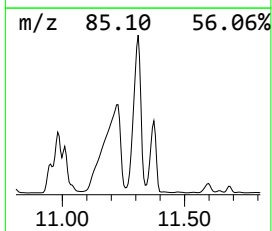
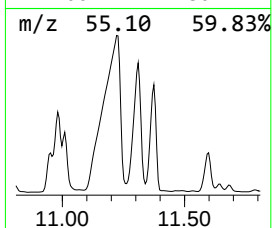
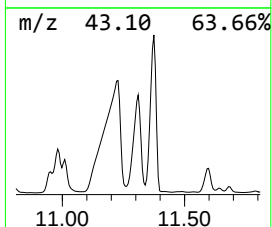
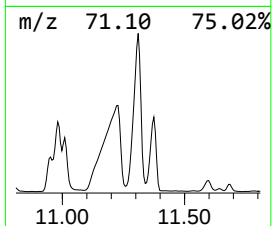
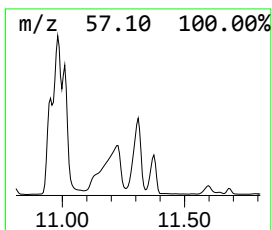
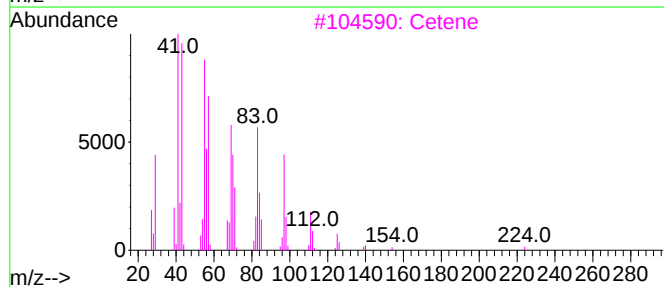
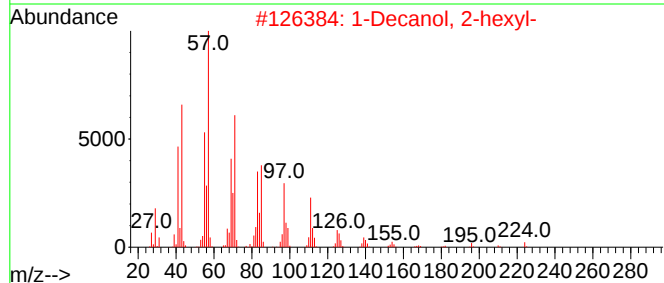
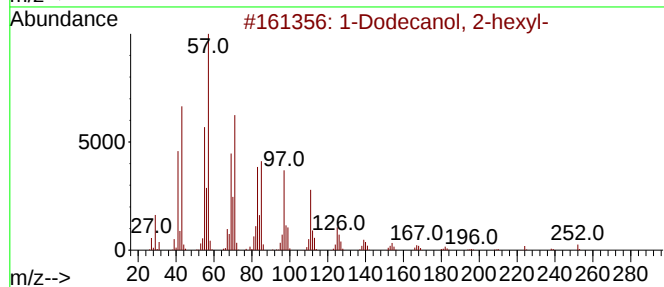
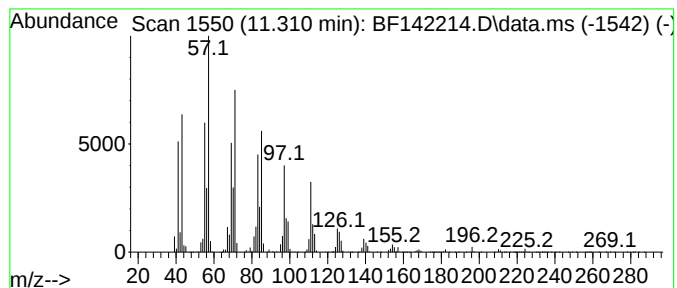
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Dodecanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	16.98 ng	48873200	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3			Cetene	224	C16H32	000629-73-2	91
4			2-Hexyl-1-octanol	214	C14H30O	019780-79-1	91
5			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

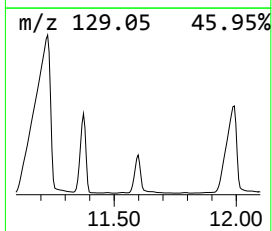
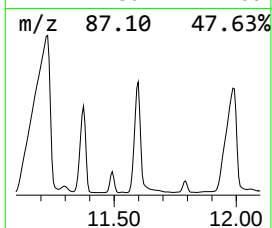
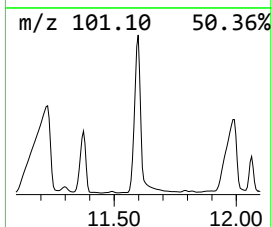
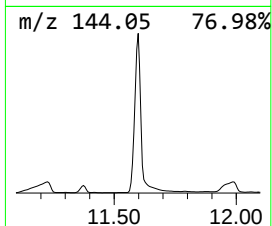
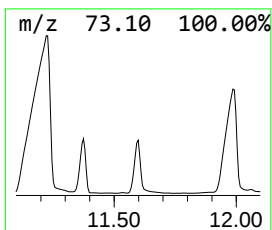
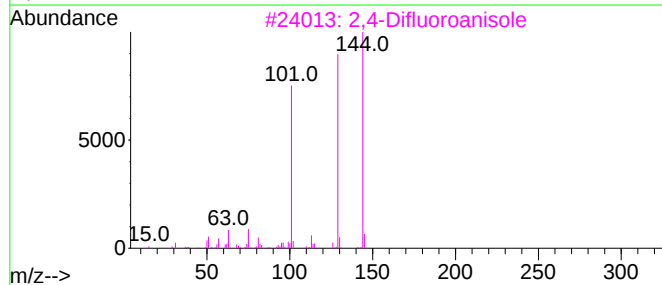
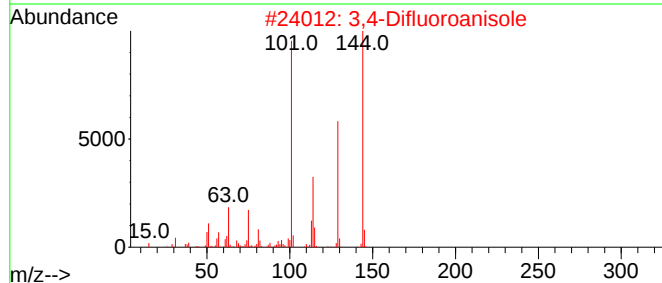
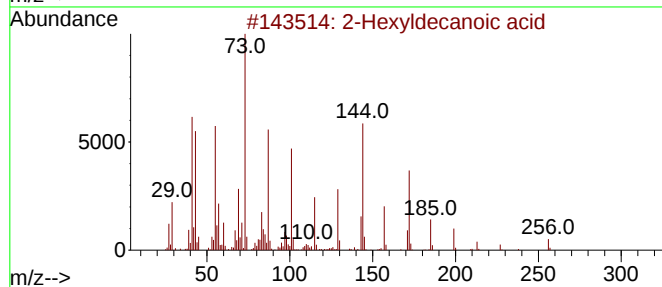
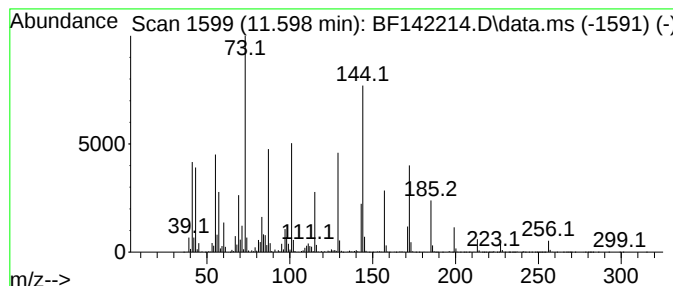
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Hexyldecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.598	5.94 ng	17093800	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Hexyldecanoic acid		256	C16H32O2	025354-97-6	98
2	3,4-Difluoroanisole		144	C7H6F2O	115144-40-6	38
3	2,4-Difluoroanisole		144	C7H6F2O	000452-10-8	27
4	1,2,3,4-Tetrahydrodibenzofuran		172	C12H12O	013130-19-3	22
5	Naphthalene, 1-ethoxy-		172	C12H12O	005328-01-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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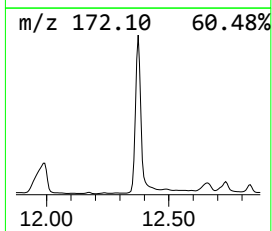
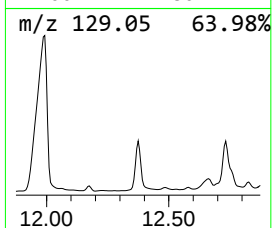
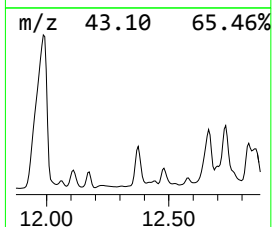
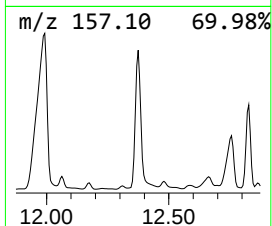
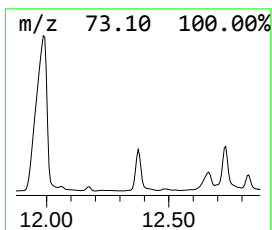
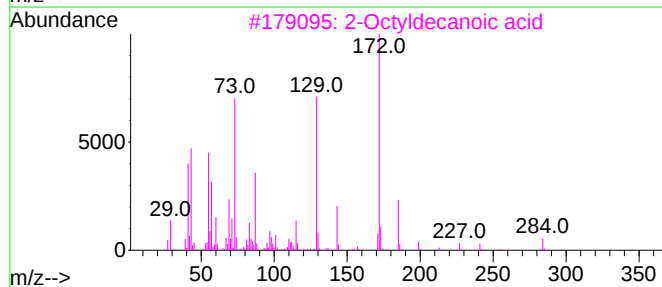
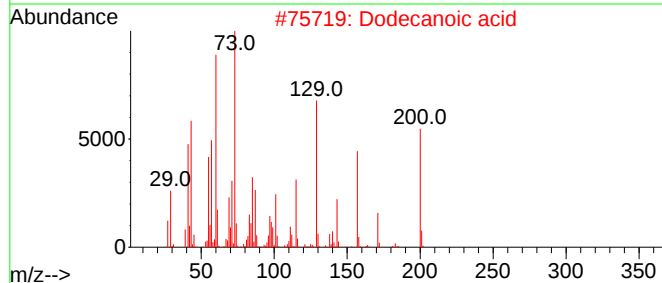
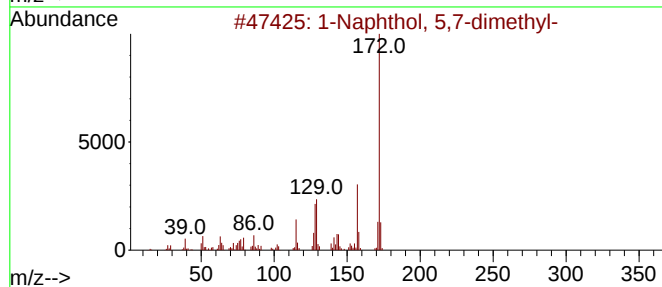
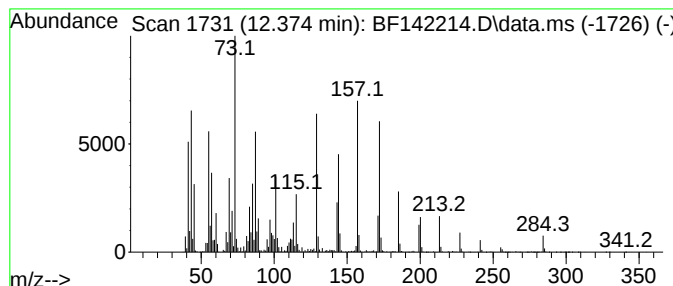
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.374 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	3.85 ng	11065500	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Naphthol, 5,7-dimethyl-	172	C12H12O	031706-76-0	43
2		Dodecanoic acid	200	C12H24O2	000143-07-7	38
3		2-Octyldecanoic acid	284	C18H36O2	000619-39-6	30
4		1-Naphthalenemethanol, .alpha.-m...	172	C12H12O	057605-95-5	30
5		Octadecanoic acid	284	C18H36O2	000057-11-4	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

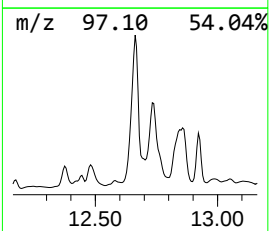
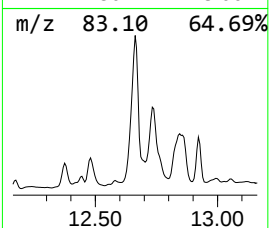
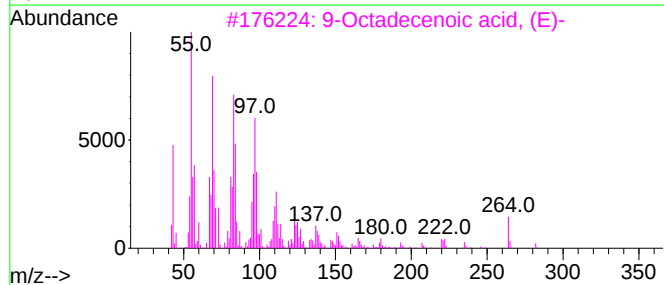
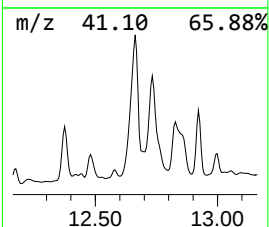
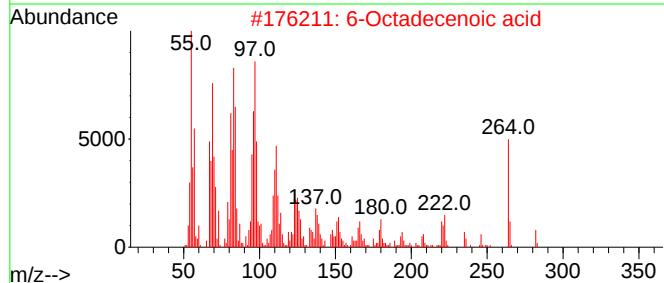
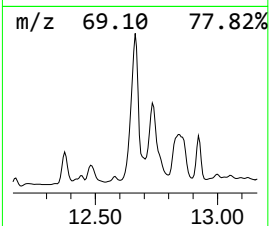
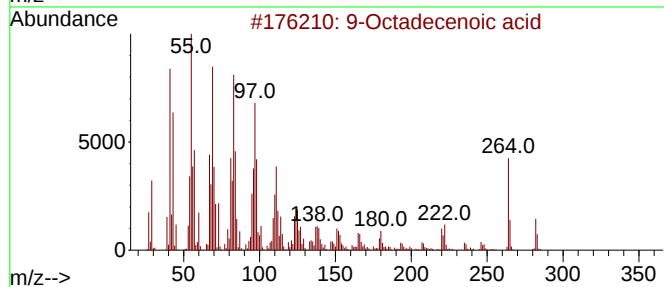
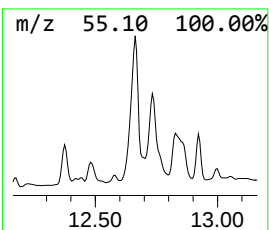
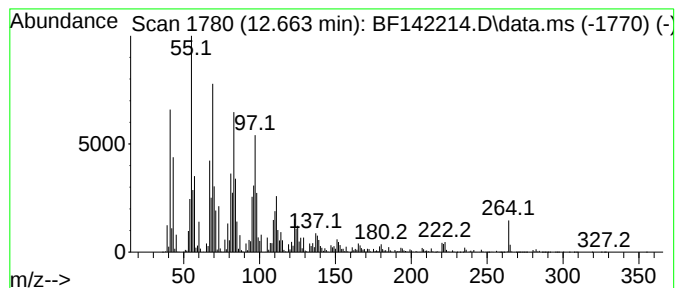
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9-Octadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.663	11.20 ng	32237100	Phenanthrene-d10	11.404	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	98
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
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ALS Vial : 7 Sample Multiplier: 1

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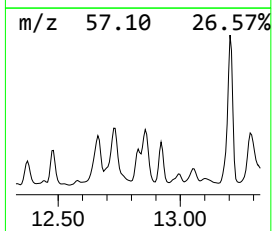
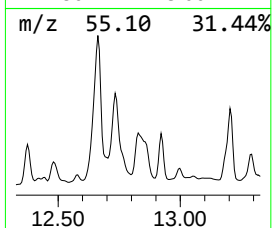
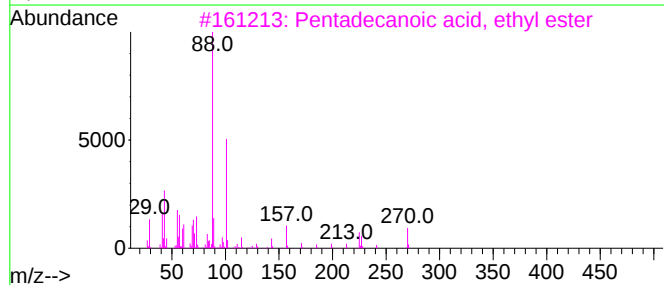
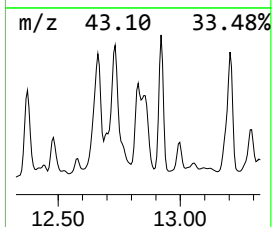
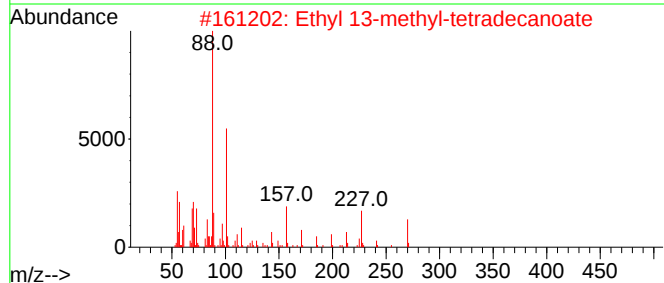
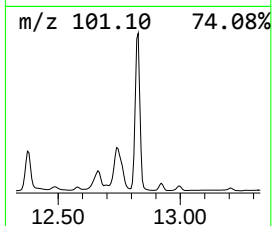
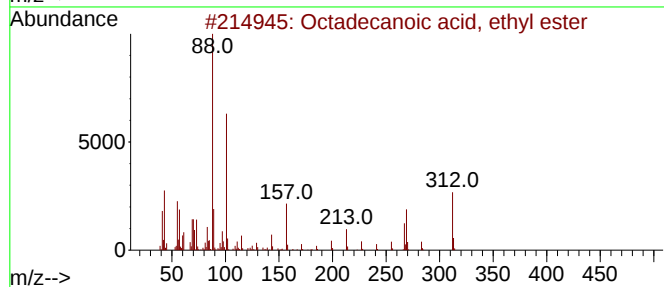
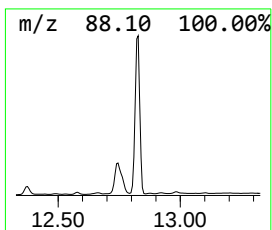
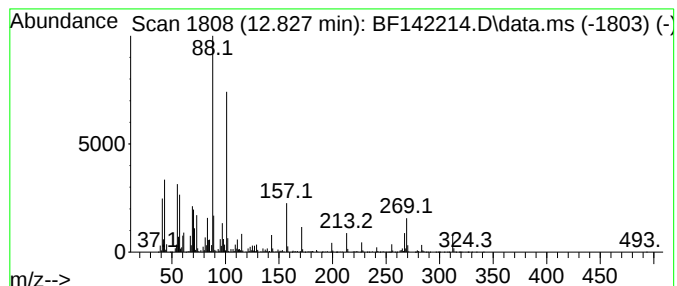
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid, ethyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.827	5.02 ng	19848200	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	99
2			Ethyl 13-methyl-tetradecanoate	270	C17H34O2	1000336-61-5	91
3			Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	81
4			Undecanoic acid, 2,8-dimethyl-, ...	228	C14H28O2	055955-74-3	80
5			Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	76



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Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
EFF-WASTE-WATER

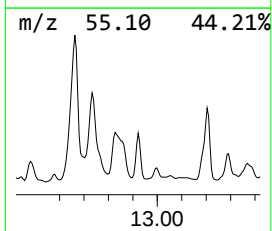
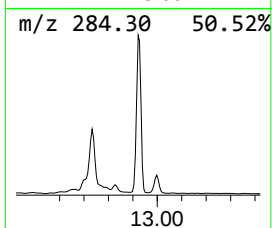
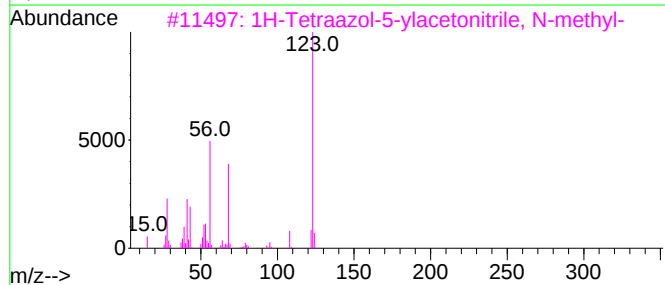
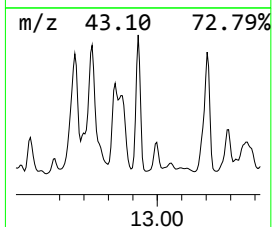
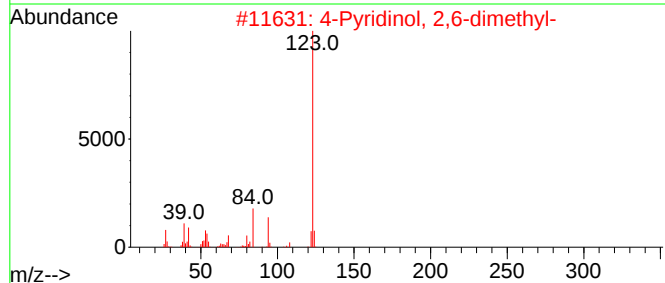
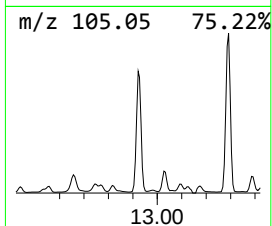
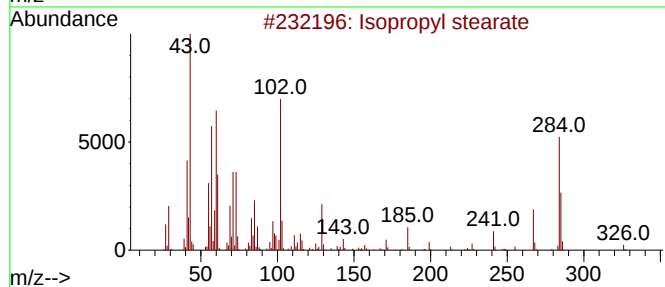
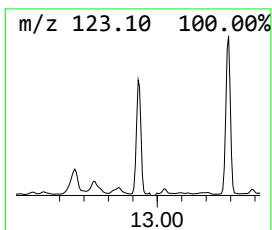
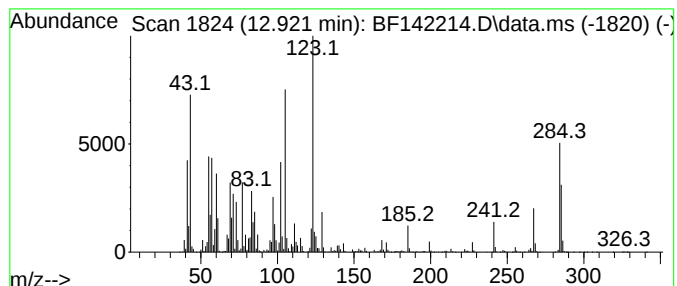
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.922 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	2.87 ng	11340800	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl stearate	326	C21H42O2	000112-10-7	43
2			4-Pyridinol, 2,6-dimethyl-	123	C7H9NO	013603-44-6	18
3			1H-Tetraazol-5-ylacetonitrile, N...	123	C4H5N5	1344273-80-8	18
4			1-Benzoxirene, 5a-[3-oxo-1-buten...	266	C15H22O4	1000196-69-8	18
5			4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

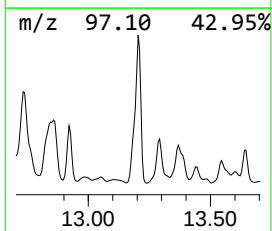
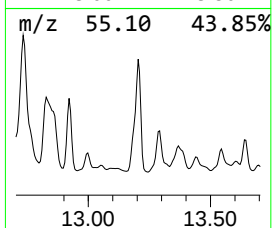
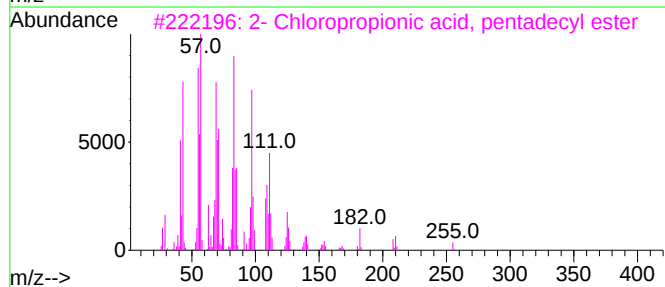
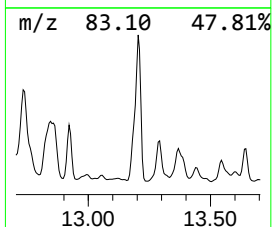
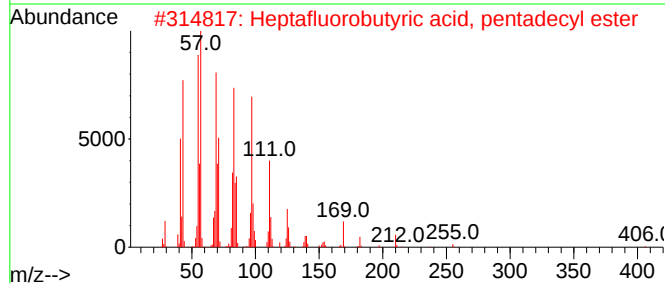
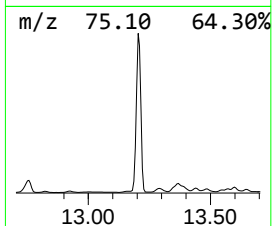
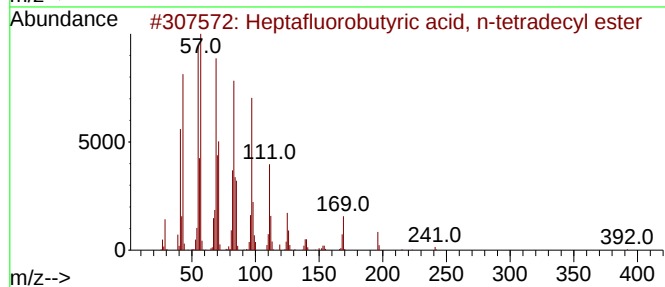
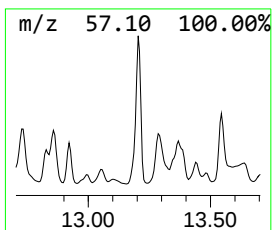
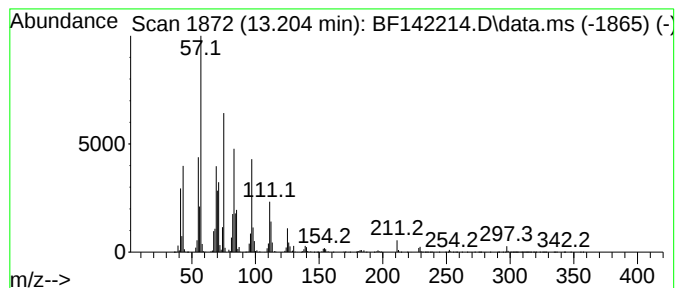
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptafluorobutyric acid, n-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.81 ng	15080200	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	81
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
3			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	81
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

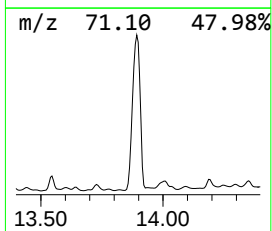
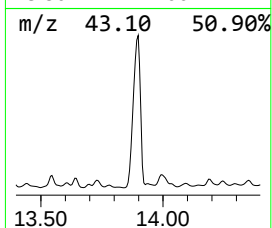
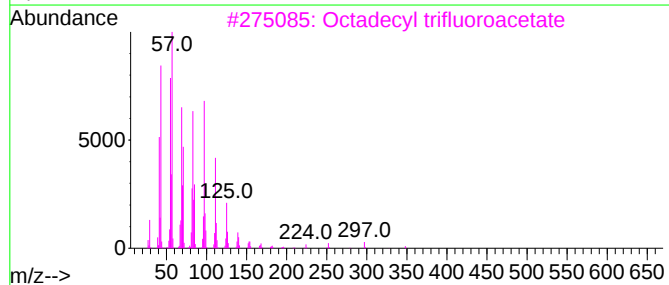
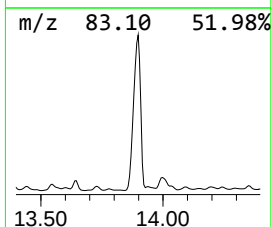
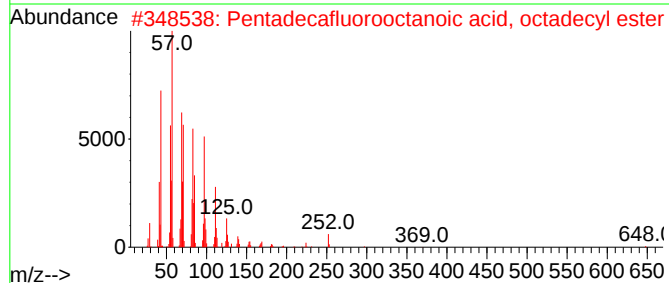
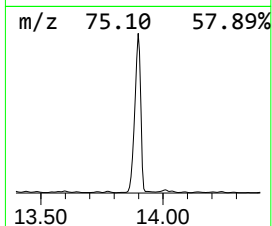
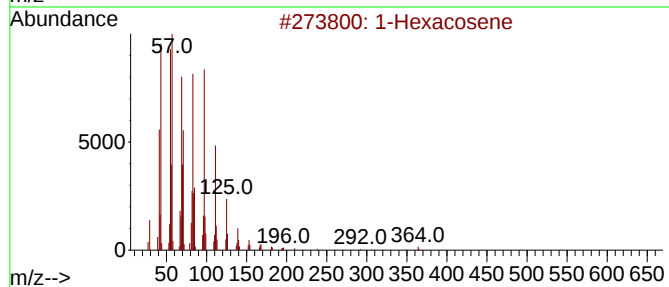
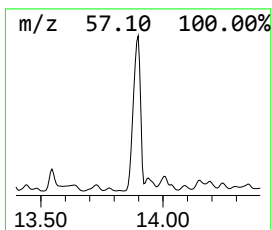
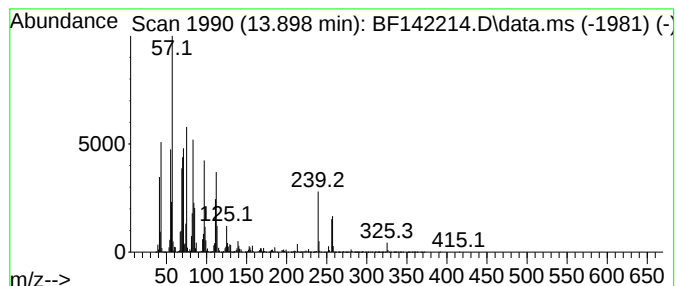
Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Hexacosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.898	20.00 ng	79104700	Chrysene-d12		14.033	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	55
2	Pentadecafluorooctanoic acid, oc...		666	C26H37F15O2	1000406-04-8	55
3	Octadecyl trifluoroacetate		366	C20H37F3O2	079392-43-1	49
4	Pentafluoropropionic acid, penta...		374	C18H31F5O2	959092-08-1	49
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
Operator : RC/JU
Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

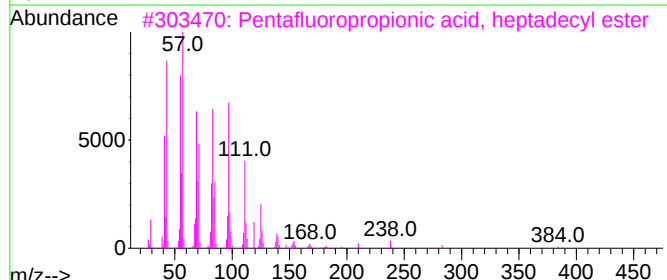
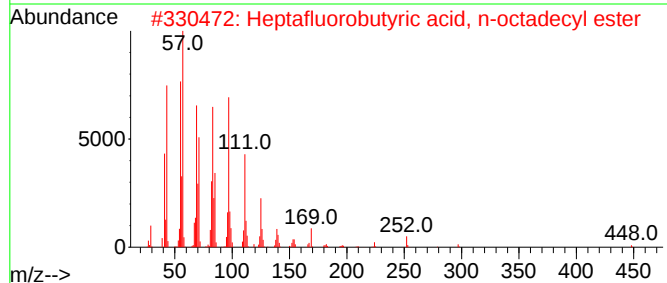
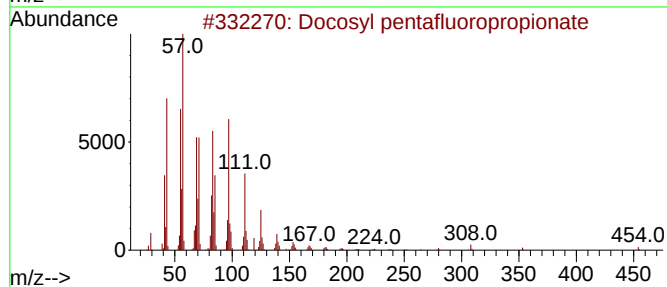
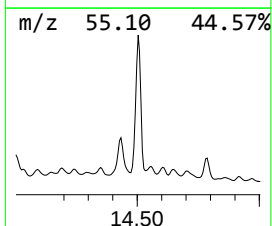
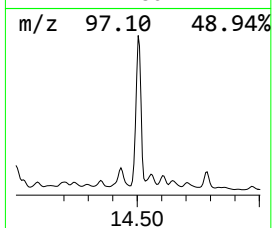
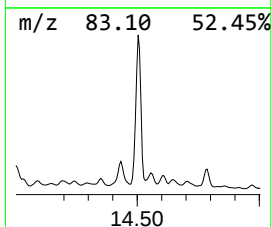
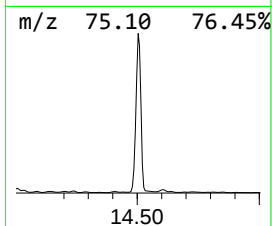
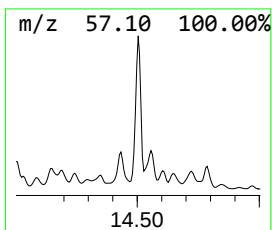
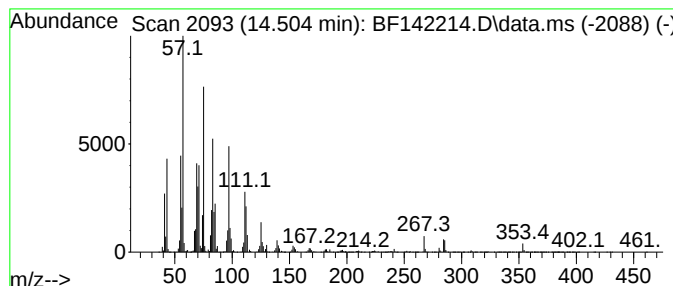
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosyl pentafluoropropionate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.504	6.75 ng	26709000	Chrysene-d12	14.033	
Hit# of 5	Tentative ID		MW MolForm	CAS#	Qual
1	Docosyl pentafluoropropionate		472 C25H45F5O2	1000351-80-9	60
2	Heptafluorobutyric acid, n-octadecyl ester		466 C22H37F7O2	000400-57-7	60
3	Pentafluoropropionic acid, heptadecyl ester		402 C20H35F5O2	959218-78-1	60
4	Tricosyl pentafluoropropionate		486 C26H47F5O2	1000351-81-0	55
5	Octacosyl trifluoroacetate		506 C30H57F3O2	1000351-74-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
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Sample : Q1833-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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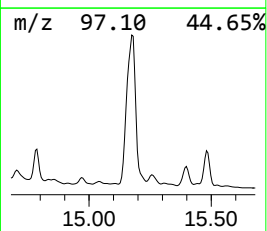
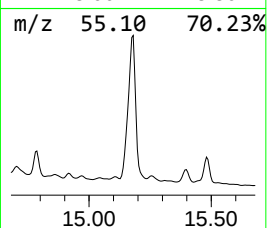
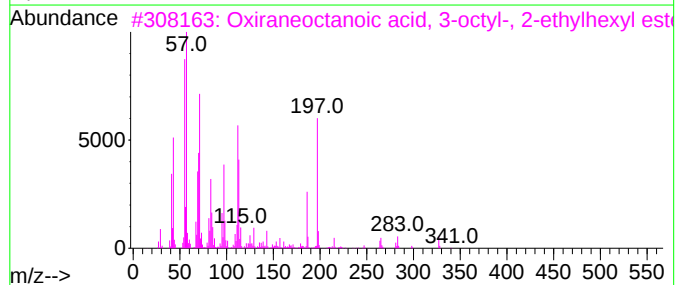
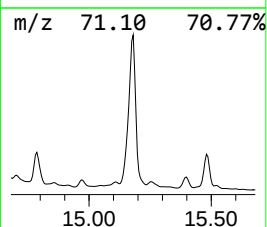
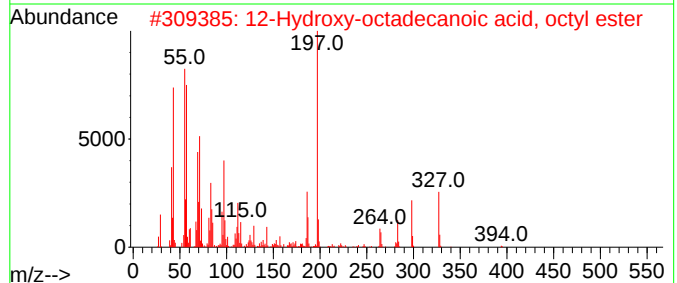
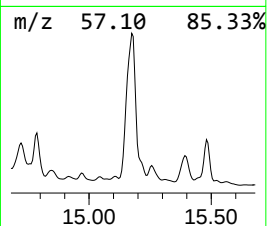
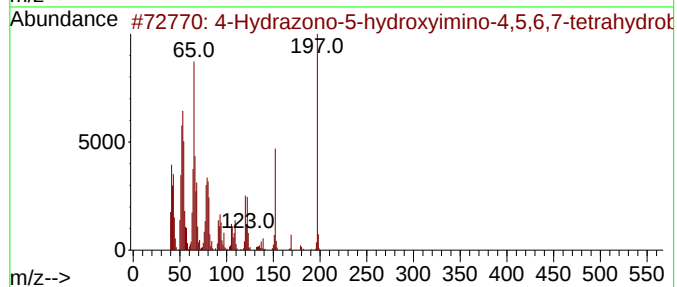
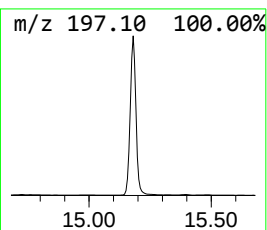
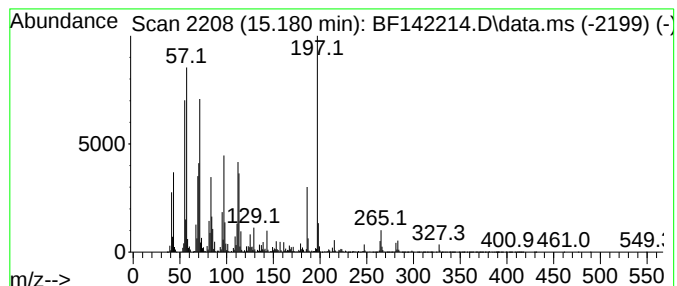
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4-Hydrazono-5-hydroxyimino-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	59.05 ng	28067000	Perylene-d12	15.504

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	91
2		12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	70
3		Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	49
4		Carbonic acid, 2-ethylhexyl pent...	384	C24H48O3	1000383-14-2	45
5		Carbonic acid, 2-ethylhexyl octa...	426	C27H54O3	1000383-14-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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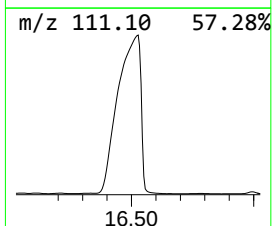
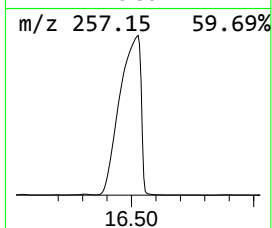
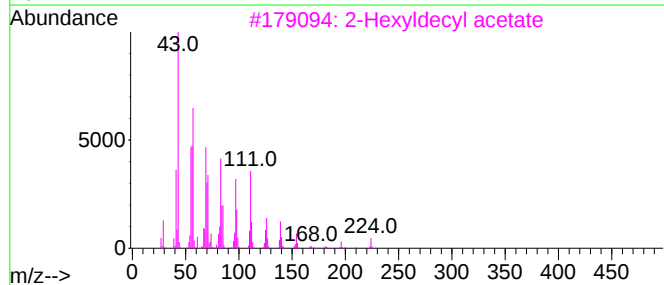
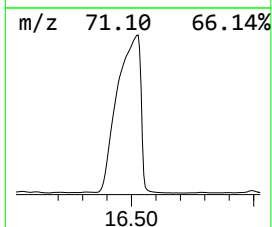
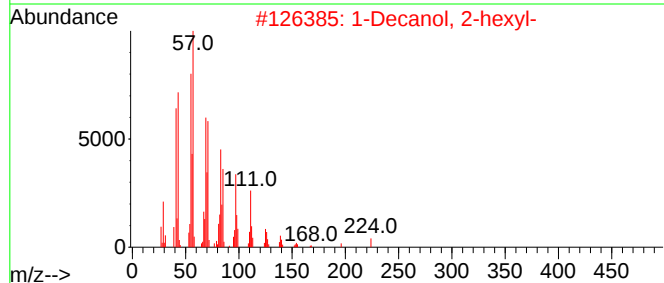
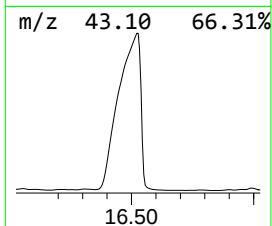
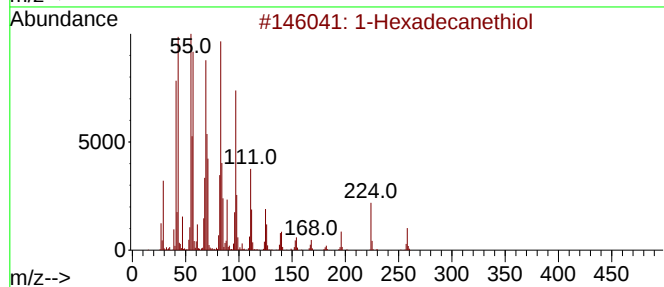
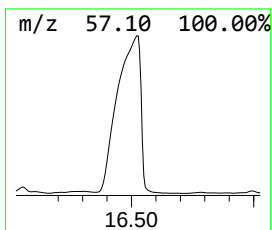
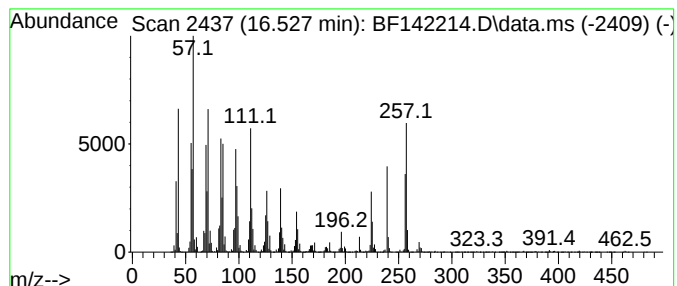
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Hexadecanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.527	618.26 ng	293848000	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanethiol	258	C16H34S	002917-26-2	64
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	55
3			2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	50
4			2-Hexyldecyl butyrate	312	C20H40O2	1072782-00-3	45
5			2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
Data File : BF142214.D
Acq On : 22 Apr 2025 16:21
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ClientSampleId :
EFF-WASTE-WATER

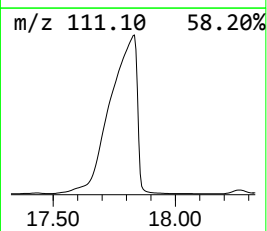
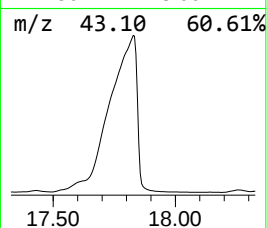
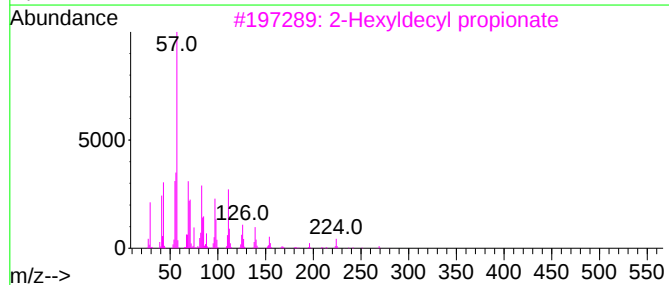
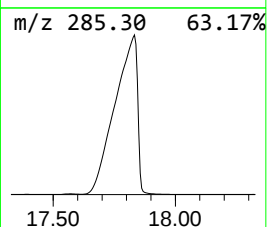
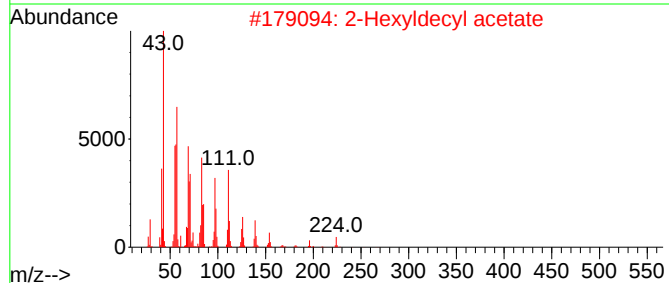
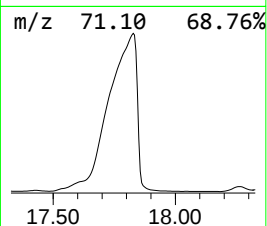
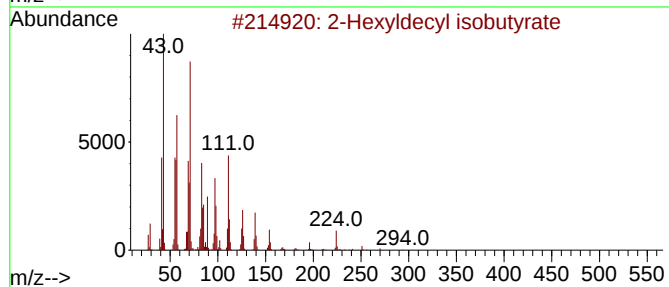
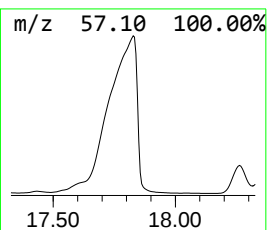
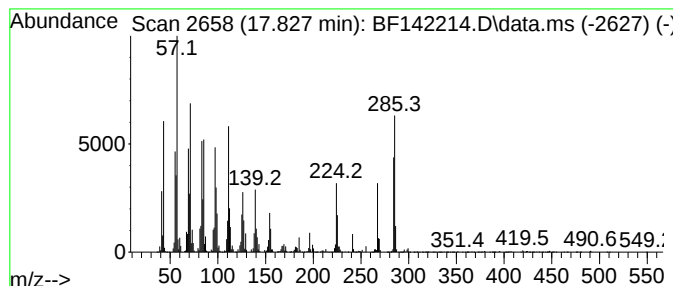
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Hexyldecyl isobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	578.88 ng	275133000	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	55
2			2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	50
3			2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	50
4			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49
5			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042225\
 Data File : BF142214.D
 Acq On : 22 Apr 2025 16:21
 Operator : RC/JU
 Sample : Q1833-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.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
Hexanoic acid	6.751	3.2	ng	9329040	1	6.863	58496200	20.0
1-Hexanol, 2-et...	6.963	20.0	ng	58496200	1	6.863	58496200	20.0
Dodecanoic acid	10.545	20.0	ng	802656000	3	9.904	802656000	20.0
1-Octanol, 5,7,...	10.951	5.3	ng	15200600	4	11.404	57555400	20.0
Butyl octacosyl...	10.980	13.8	ng	39827300	4	11.404	57555400	20.0
Carbonic acid, ...	11.010	8.1	ng	23178200	4	11.404	57555400	20.0
Tetradecanoic acid	11.227	55.0	ng	158422000	4	11.404	57555400	20.0
1-Dodecanol, 2-...	11.310	17.0	ng	48873200	4	11.404	57555400	20.0
2-Hexyldecanoic...	11.598	5.9	ng	17093800	4	11.404	57555400	20.0
unknown12.374	12.374	3.9	ng	11065500	4	11.404	57555400	20.0
9-Octadecenoic ...	12.663	11.2	ng	32237100	4	11.404	57555400	20.0
Octadecanoic ac...	12.827	5.0	ng	19848200	5	14.033	79104700	20.0
unknown12.922	12.922	2.9	ng	11340800	5	14.033	79104700	20.0
Heptafluorobuty...	13.204	3.8	ng	15080200	5	14.033	79104700	20.0
1-Hexacosene	13.898	20.0	ng	79104700	5	14.033	79104700	20.0
Docosyl pentafl...	14.504	6.8	ng	26709000	5	14.033	79104700	20.0
4-Hydrazono-5-h...	15.180	59.0	ng	28067000	6	15.504	9505670	20.0
1-Hexadecanethiol	16.527	618.3	ng	293848000	6	15.504	9505670	20.0
2-Hexyldecyl is...	17.827	578.9	ng	275133000	6	15.504	9505670	20.0