

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140829.D
 Acq On : 11 Dec 2024 15:15
 Operator : RC/JU
 Sample : P5192-02
 Misc :
 ALS Vial : 11 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-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140829.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.157	3	11	18	rVB	3825308	6628683	7.05%	1.817%
2	2.781	112	117	128	rVB	686614	1202087	1.28%	0.329%
3	3.698	262	273	284	rVB	604476	1057334	1.12%	0.290%
4	5.457	564	572	578	rBV	1224950	2107500	2.24%	0.578%
5	6.934	815	823	832	rVV	2417522	3997385	4.25%	1.096%
6	7.245	869	876	884	rBV2	847309	1383287	1.47%	0.379%
7	7.428	902	907	911	rBV	1188381	1553120	1.65%	0.426%
8	7.604	923	937	940	rBV	507068	1283885	1.37%	0.352%
9	8.081	982	1018	1020	rBV	1872530	9281355	9.87%	2.544%
10	8.728	1119	1128	1134	rBV	911234	1359556	1.45%	0.373%
11	9.057	1162	1184	1190	rBV2	2841674	8997911	9.57%	2.466%
12	9.222	1190	1212	1215	rBV	4982954	17736266	18.87%	4.861%
13	9.739	1291	1300	1309	rVV	3665390	5759844	6.13%	1.579%
14	9.933	1330	1333	1339	rVB2	1167586	1536530	1.63%	0.421%
15	10.322	1359	1399	1400	rBV3	7673790	52412667	55.76%	14.365%
16	10.704	1460	1464	1469	rVB	840213	1083094	1.15%	0.297%
17	10.927	1495	1502	1503	rBV	913633	1283702	1.37%	0.352%
18	10.951	1503	1506	1509	rVV	2159270	3192568	3.40%	0.875%
19	10.980	1509	1511	1517	rVB	1390574	1562819	1.66%	0.428%
20	11.163	1524	1542	1548	rBV	5918633	23682043	25.19%	6.491%
21	11.780	1641	1647	1652	rBV	2184542	2724860	2.90%	0.747%
22	11.998	1668	1684	1689	rVV	5475145	17831669	18.97%	4.887%
23	12.068	1689	1696	1701	rVB	8084494	14732223	15.67%	4.038%
24	12.168	1708	1713	1723	rVB	2073271	2642707	2.81%	0.724%
25	12.586	1778	1784	1793	rVB	6069466	9823160	10.45%	2.692%
26	12.833	1797	1826	1830	rBV4	14054951	93997060	100.00%	25.763%
27	12.910	1830	1839	1846	rVV5	12370646	51227732	54.50%	14.041%
28	12.968	1846	1849	1854	rVV	5555589	7740433	8.23%	2.122%
29	13.045	1854	1862	1870	rVV	904304	2679546	2.85%	0.734%
30	13.121	1870	1875	1881	rVB	634913	1315419	1.40%	0.361%
31	13.451	1925	1931	1939	rVV3	1305414	3073918	3.27%	0.843%
32	13.527	1939	1944	1955	rVV	2537393	3888765	4.14%	1.066%
33	17.998	2694	2704	2711	rBV2	412975	1161789	1.24%	0.318%
34	18.345	2752	2763	2773	rBV	229680	1089040	1.16%	0.298%
35	18.503	2774	2790	2799	rVV	939041	3821913	4.07%	1.048%

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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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

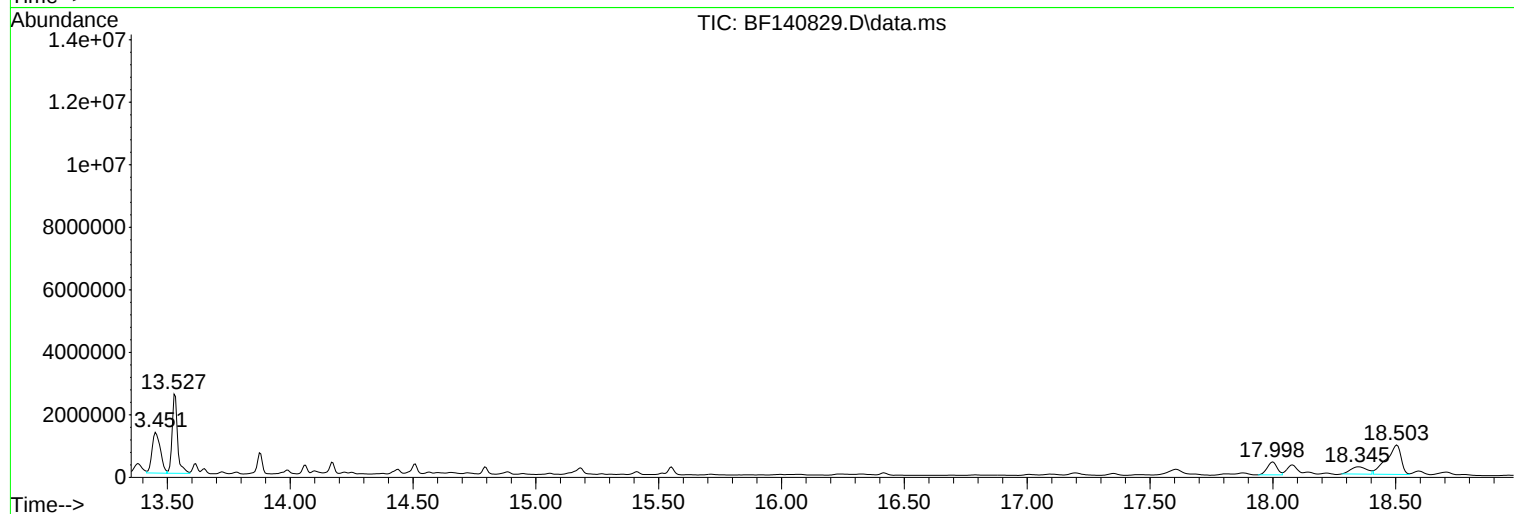
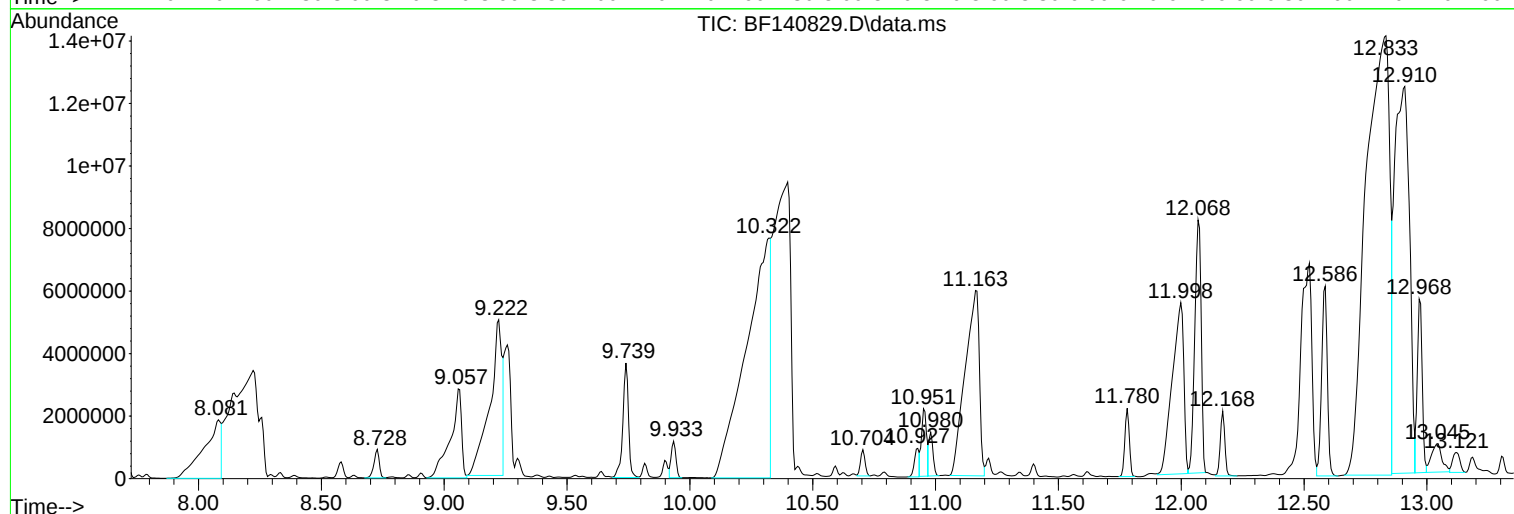
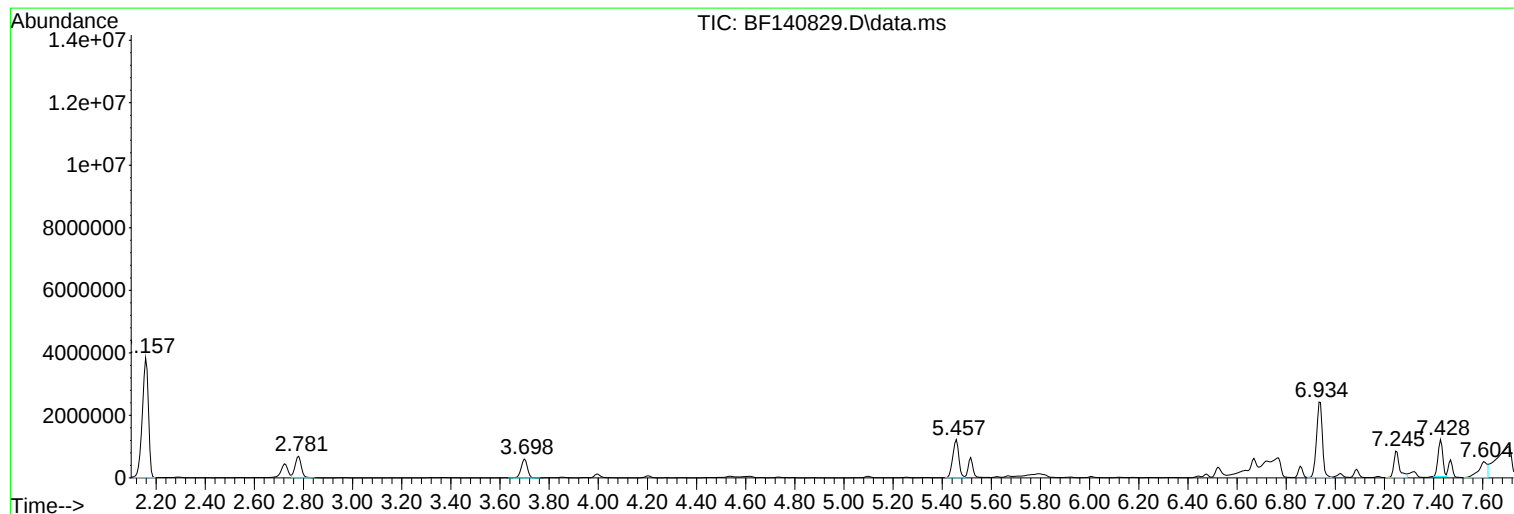
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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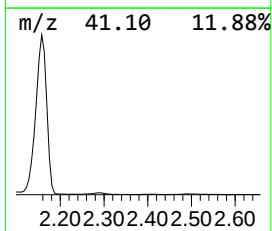
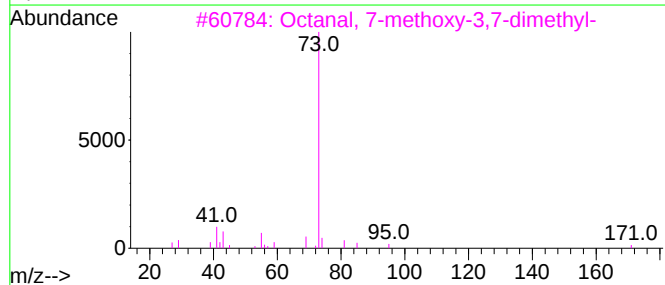
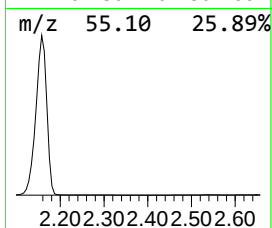
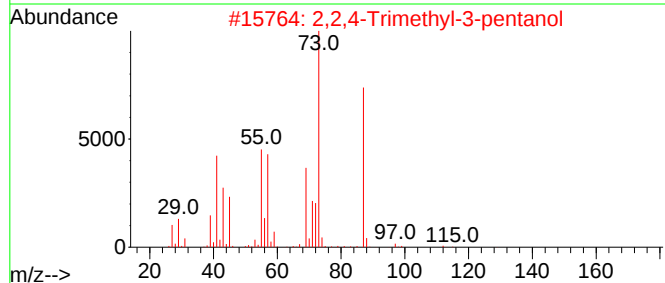
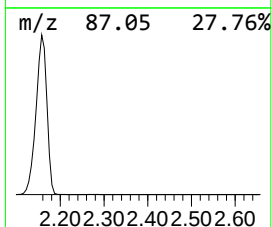
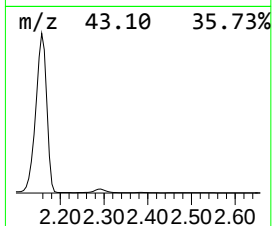
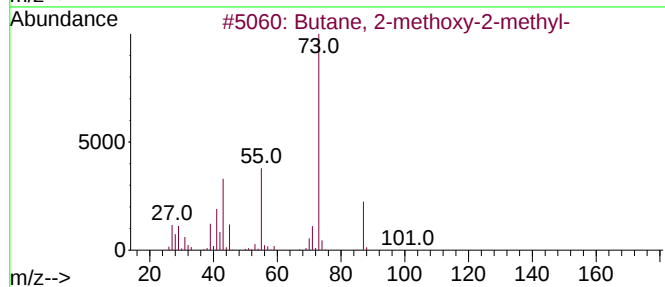
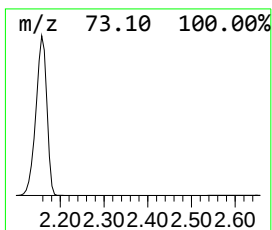
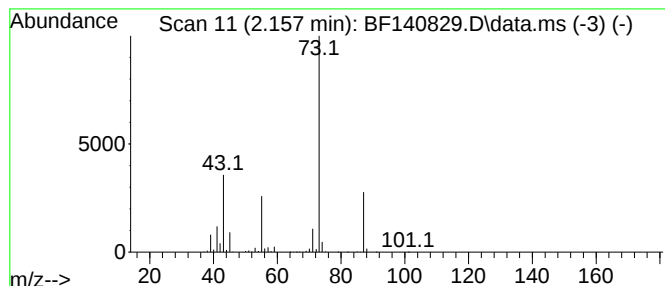
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	33.17 ng	6628680	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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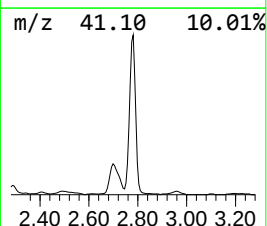
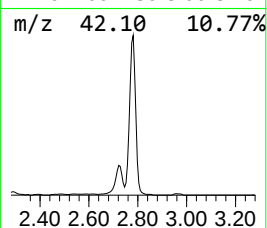
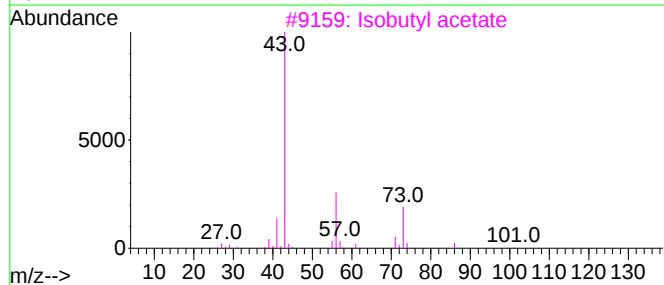
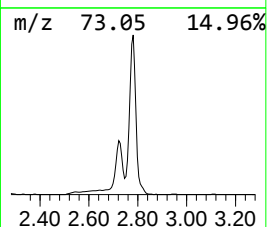
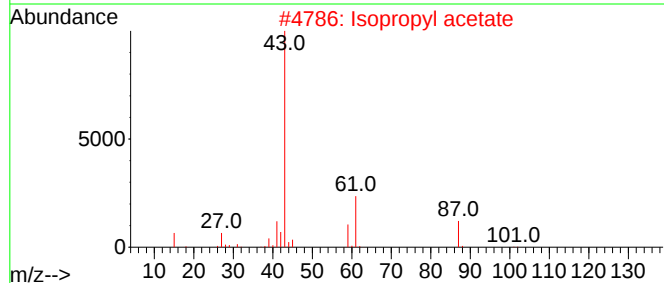
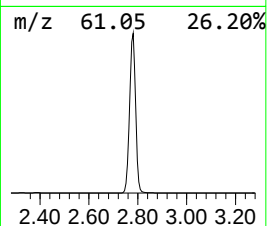
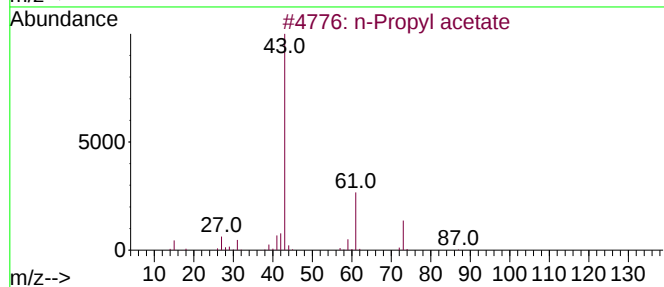
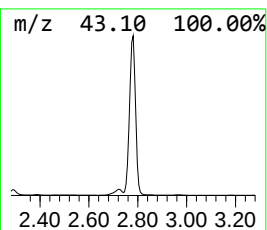
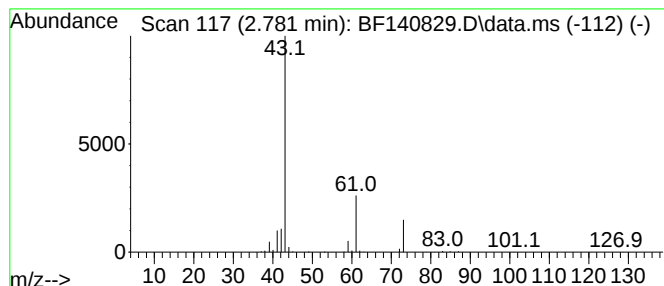
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Propyl acetate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.781	6.01 ng	1202090	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl acetate	102	C5H10O2	000109-60-4	78
2			Isopropyl acetate	102	C5H10O2	000108-21-4	36
3			Isobutyl acetate	116	C6H12O2	000110-19-0	9
4			Isobutylamine	73	C4H11N	000078-81-9	5
5			1-Butanamine	73	C4H11N	000109-73-9	4



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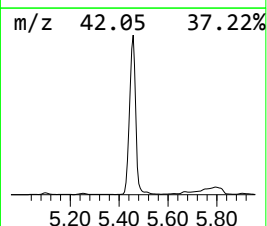
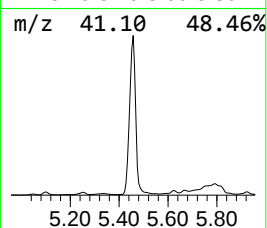
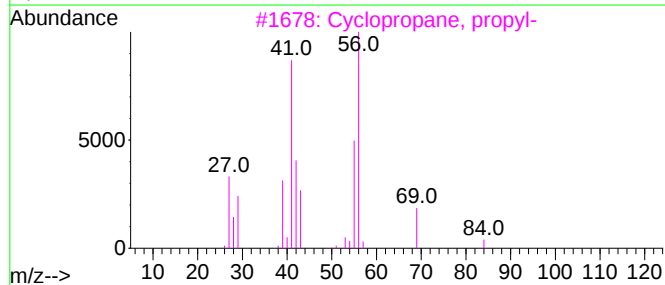
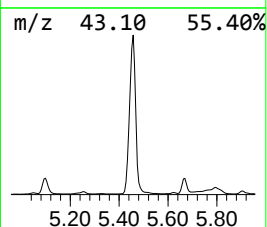
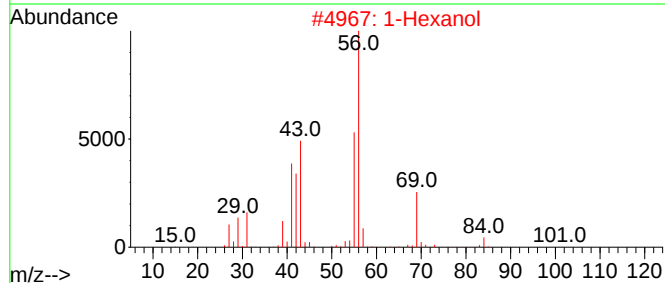
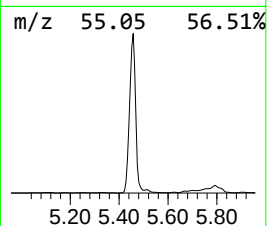
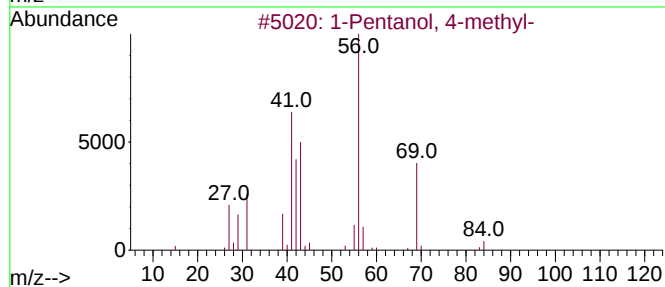
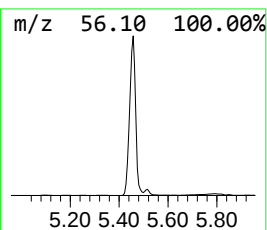
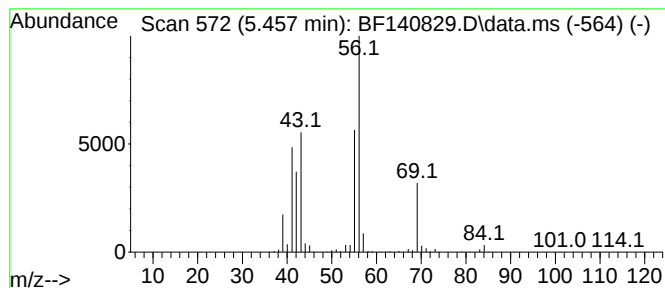
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Pentanol, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.457	10.54 ng	2107500	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 4-methyl-			102	C6H14O	000626-89-1	78
2	1-Hexanol			102	C6H14O	000111-27-3	78
3	Cyclopropane, propyl-			84	C6H12	002415-72-7	72
4	Cyclopentane, methyl-			84	C6H12	000096-37-7	59
5	Hexyl chloroformate			164	C7H13ClO2	006092-54-2	56



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

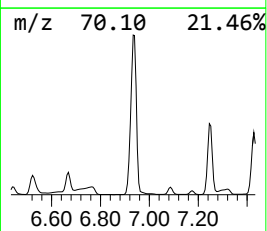
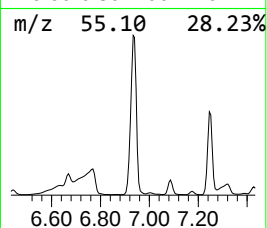
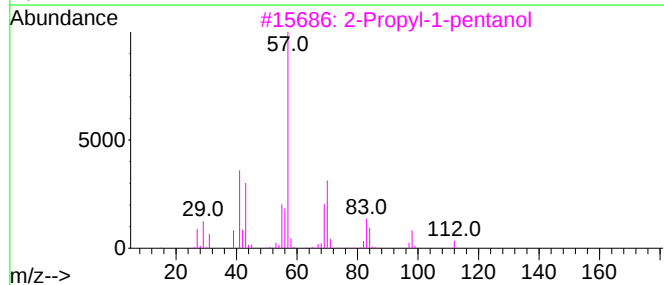
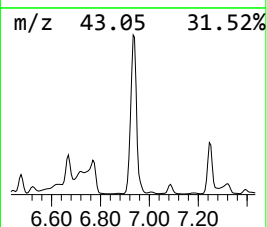
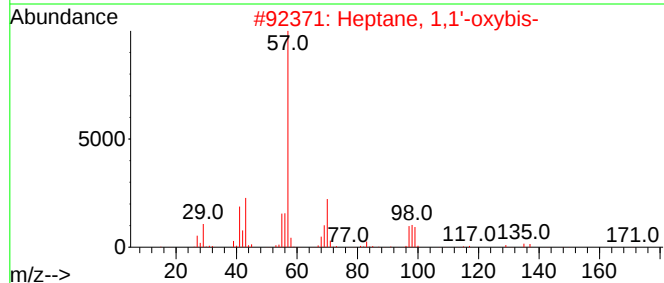
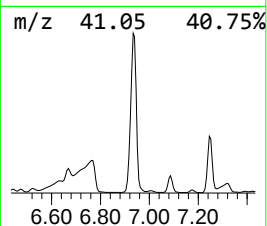
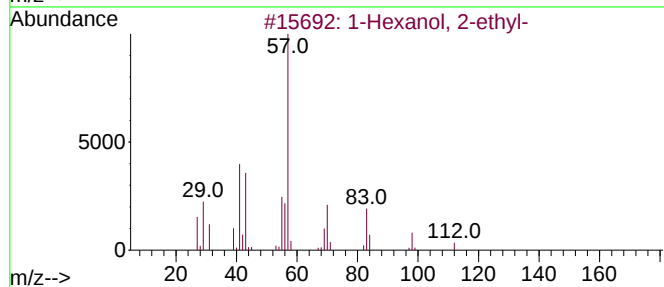
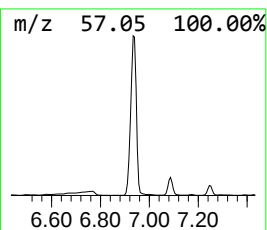
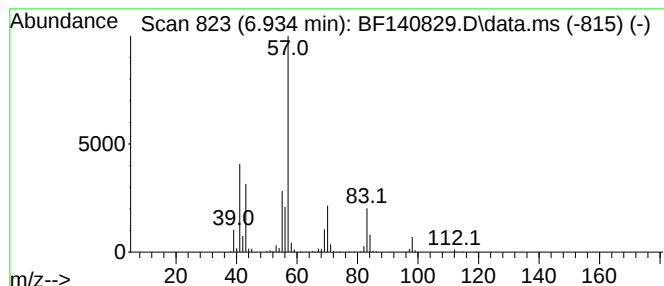
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	20.00 ng	3997390	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
3			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4			2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
5			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	47



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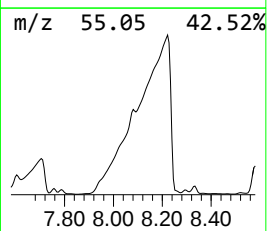
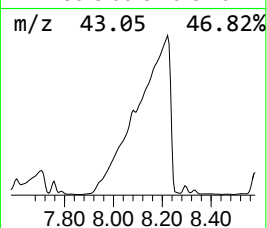
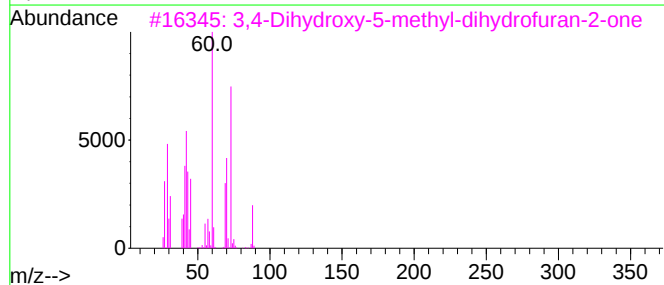
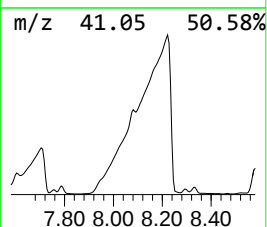
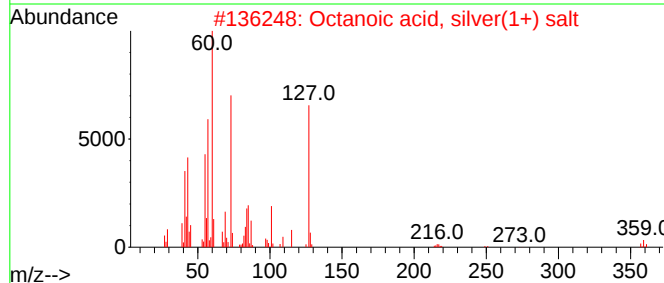
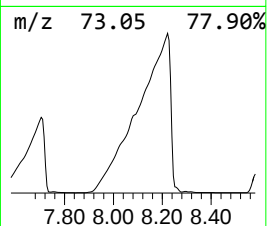
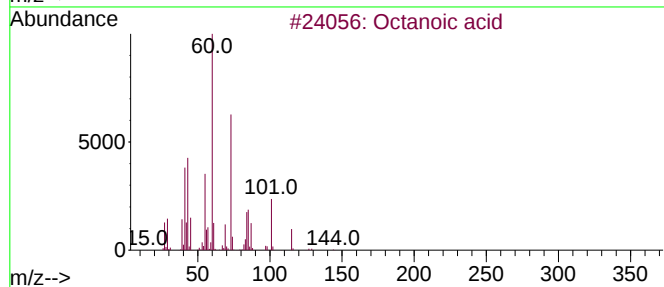
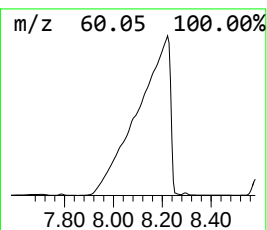
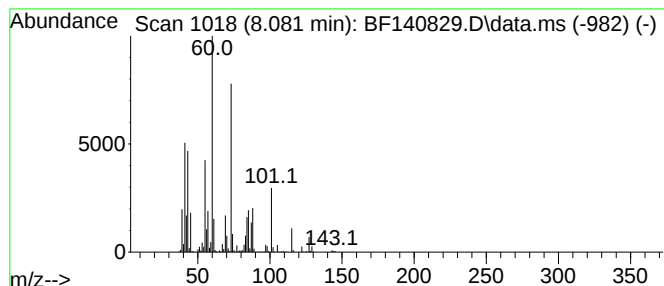
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.081	20.00 ng	9281360	Naphthalene-d8	8.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octanoic acid	144	C8H16O2	000124-07-2	96
2			Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	64
3			3,4-Dihydroxy-5-methyl-dihydrofu...	132	C5H8O4	005803-57-6	50
4			Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	47
5			Hexanoic acid	116	C6H12O2	000142-62-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
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Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
EFF-WASTE WATER

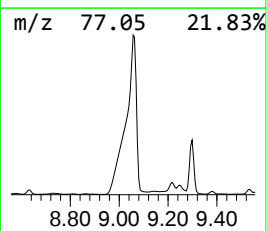
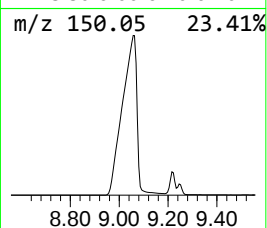
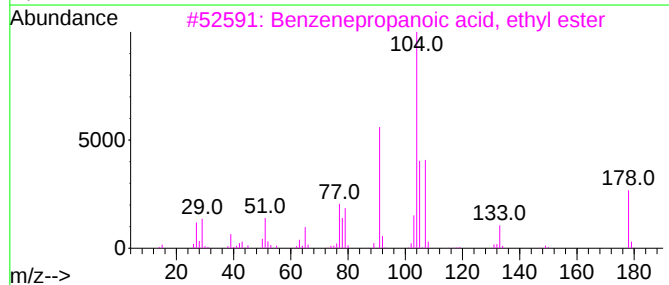
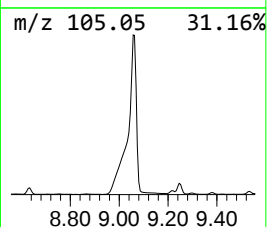
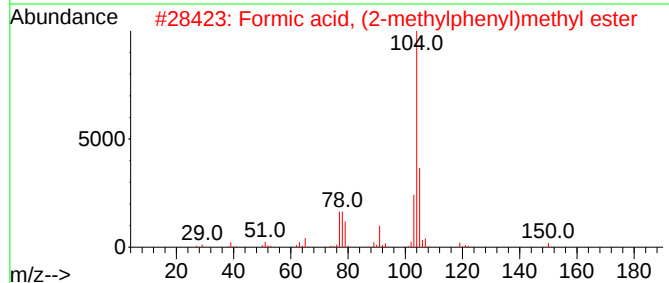
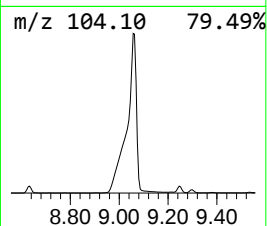
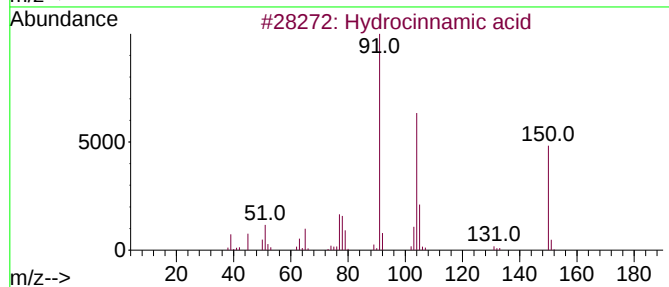
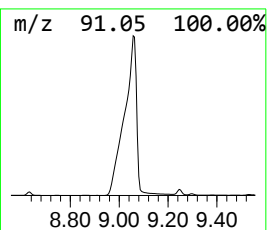
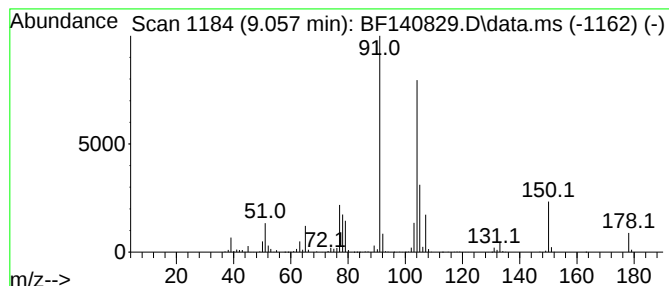
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hydrocinnamic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	117.12 ng	8997910	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrocinnamic acid	150	C9H10O2	000501-52-0	93
2			Formic acid, (2-methylphenyl)met...	150	C9H10O2	1010368-93-3	74
3			Benzenepropanoic acid, ethyl ester	178	C11H14O2	002021-28-5	64
4			2-Phenethyl-.beta.-phenylpropionate	254	C17H18O2	028049-10-7	59
5			Propionic acid, 3-phenyl-, 2-(3-...	313	C17H15NO5	1000264-13-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
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ClientSampleId :
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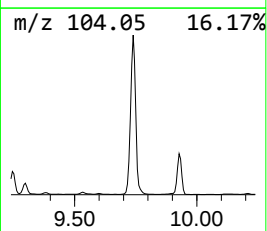
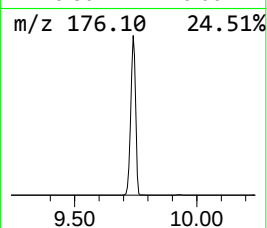
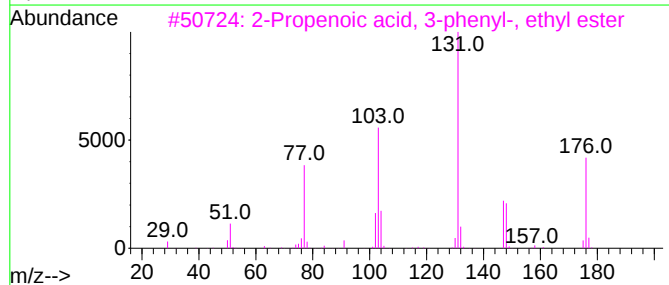
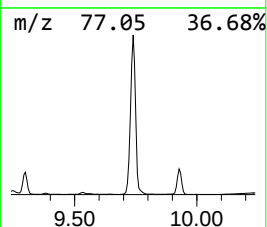
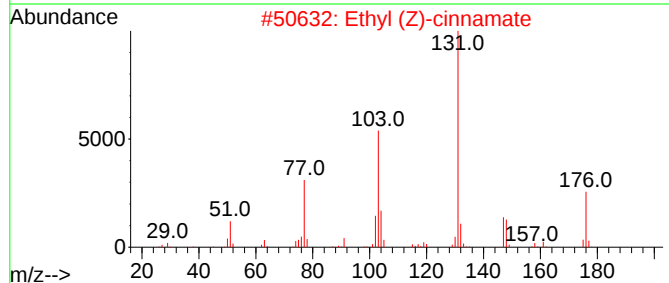
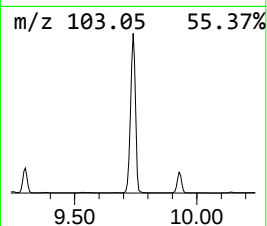
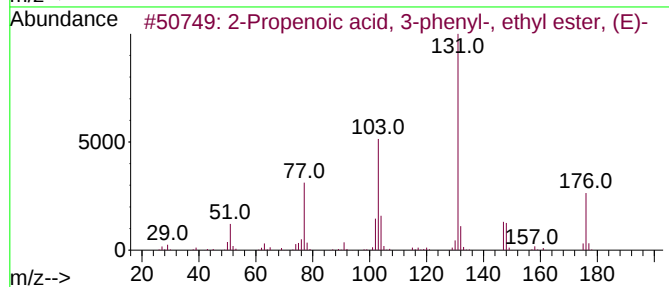
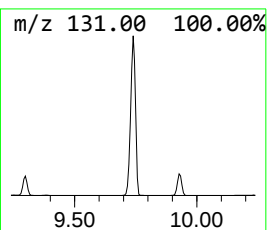
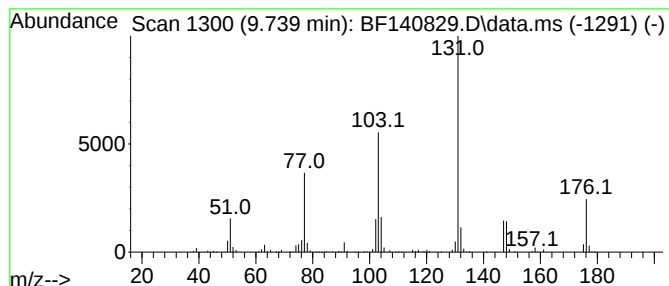
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Propenoic acid, 3-phenyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	74.97 ng	5759840	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	98
2			Ethyl (Z)-cinnamate	176	C11H12O2	004610-69-9	98
3			2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	97
4			3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	83
5			Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
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EFF-WASTE WATER

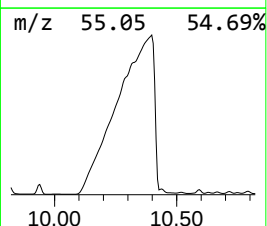
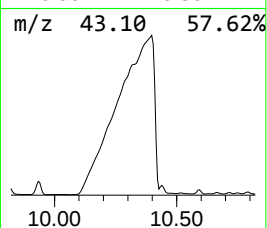
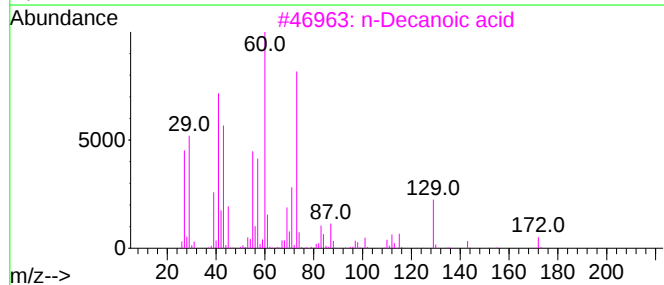
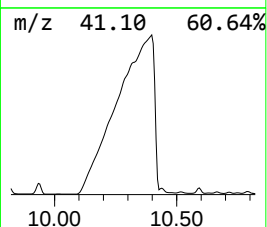
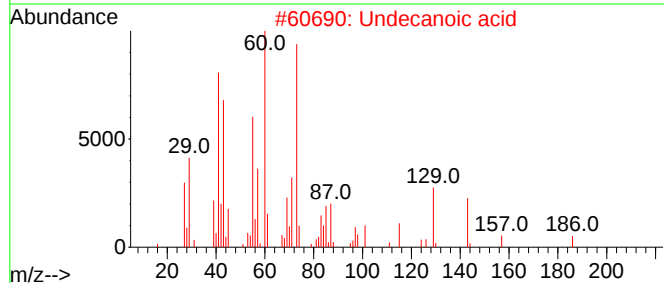
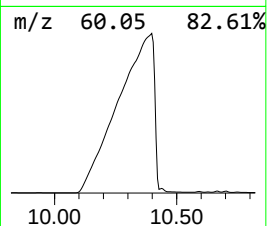
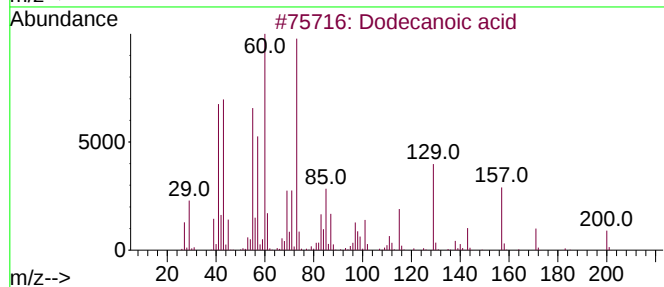
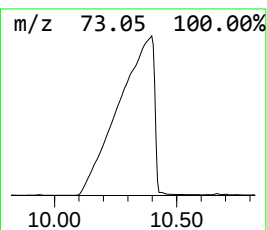
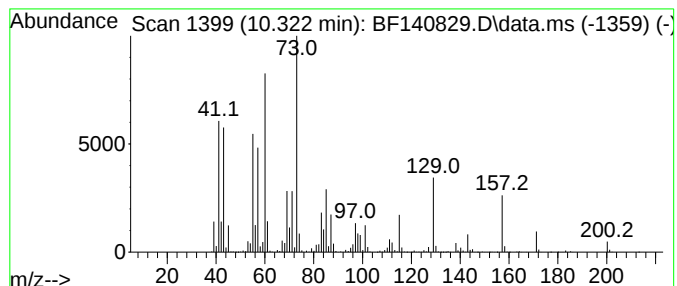
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	682.22 ng	52412700	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	59
3			n-Decanoic acid	172	C10H20O2	000334-48-5	53
4			Octanoic acid	144	C8H16O2	000124-07-2	52
5			Nonanoic acid	158	C9H18O2	000112-05-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

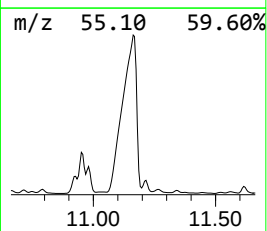
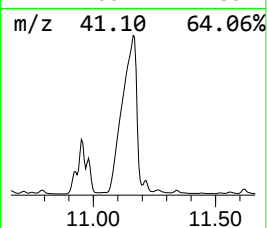
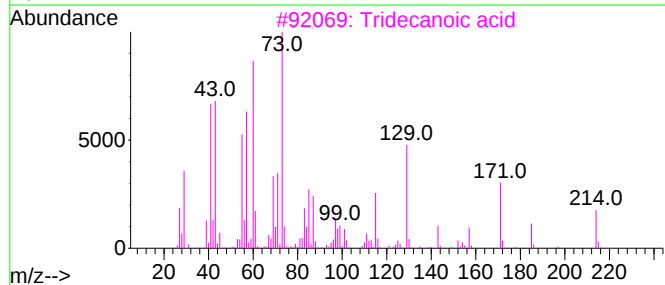
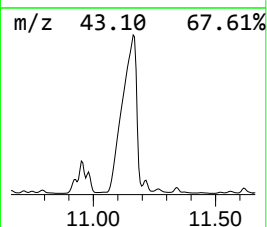
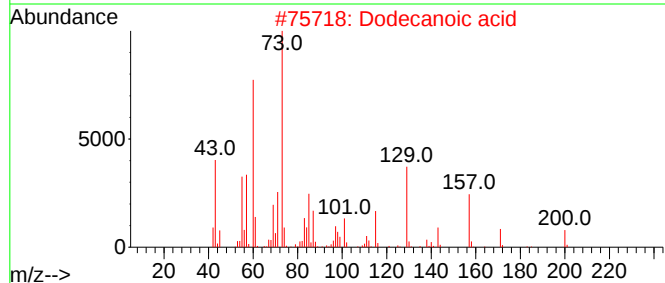
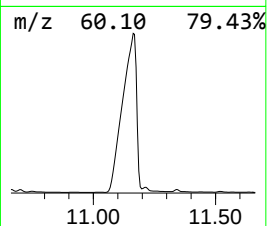
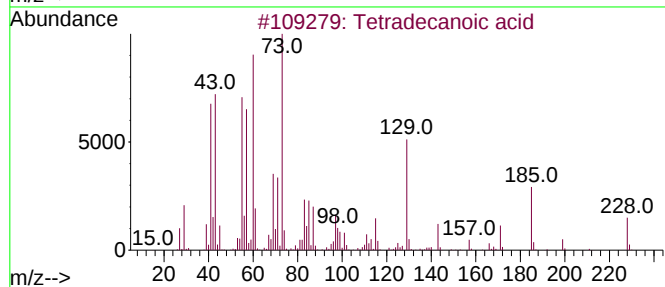
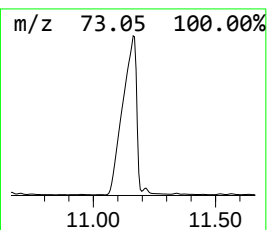
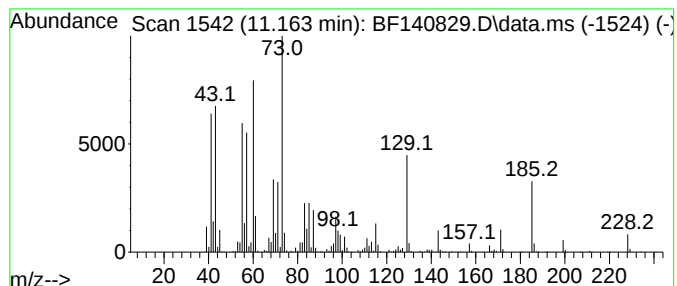
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	20.00 ng	23682000	Phenanthrene-d10	11.398

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	80
3			Tridecanoic acid	214	C13H26O2	000638-53-9	78
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Undecanoic acid	186	C11H22O2	000112-37-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

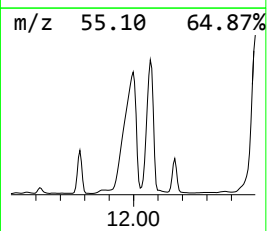
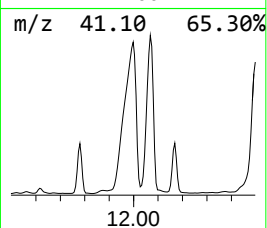
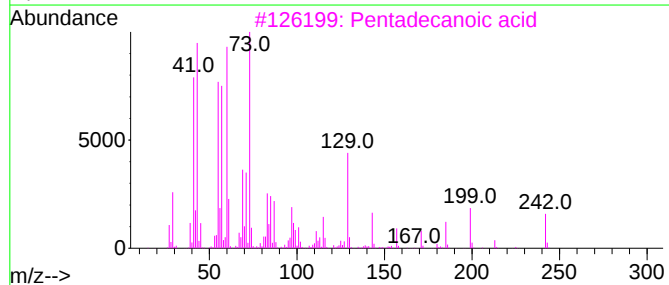
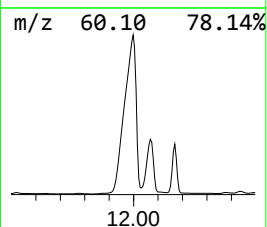
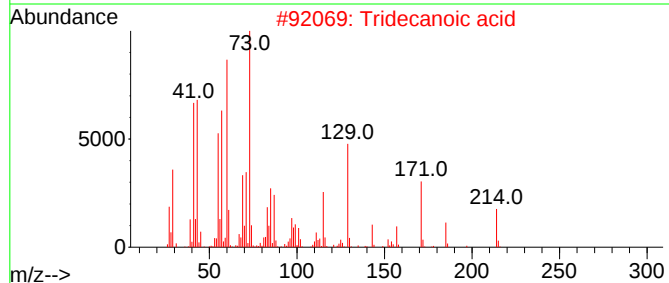
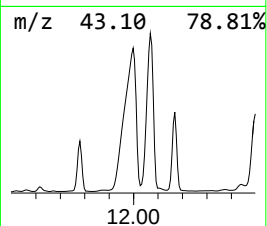
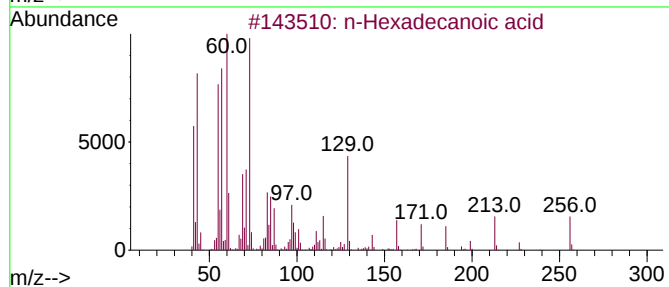
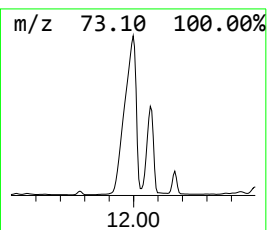
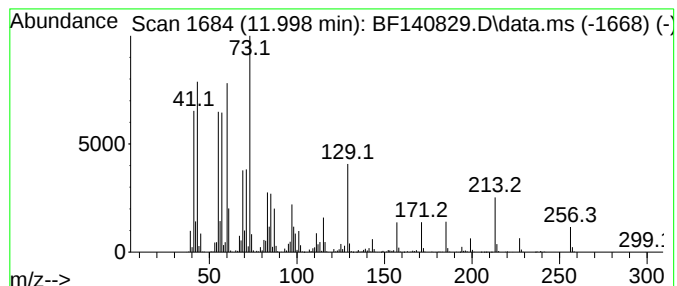
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	15.06 ng	17831700	Phenanthrene-d10	11.398

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	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5			n-Decanoic acid	172	C10H20O2	000334-48-5	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
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Acq On : 11 Dec 2024 15:15
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

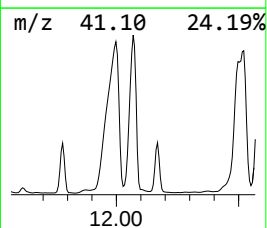
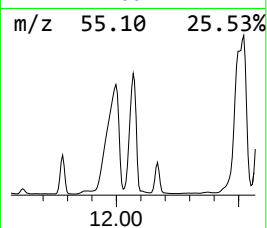
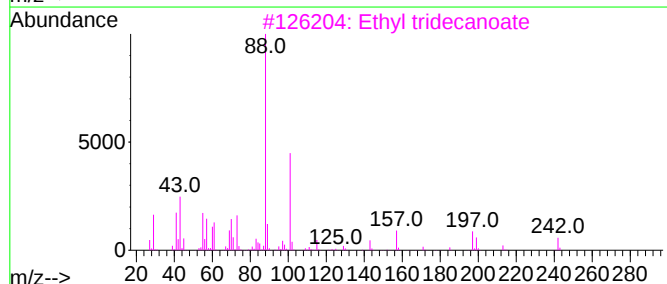
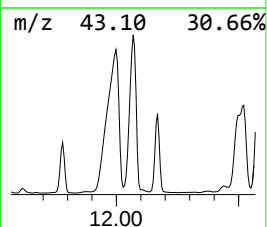
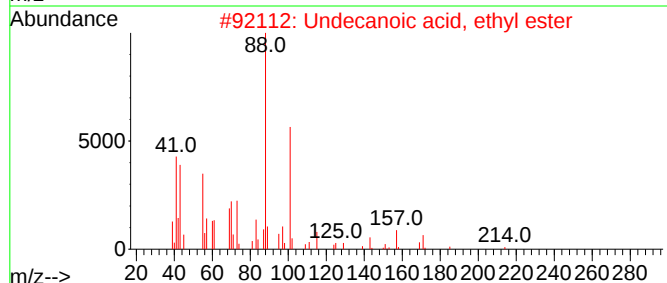
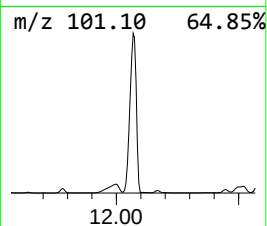
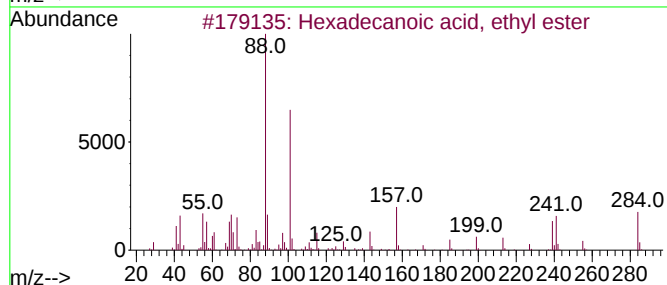
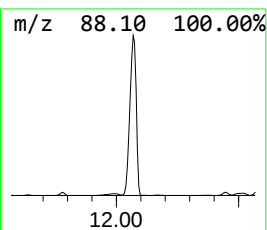
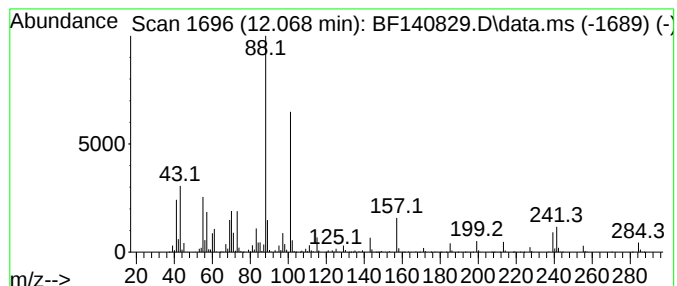
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, ethyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	12.44 ng	14732200	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	98
2			Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	91
3			Ethyl tridecanoate	242	C15H30O2	028267-29-0	90
4			Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	83
5			Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

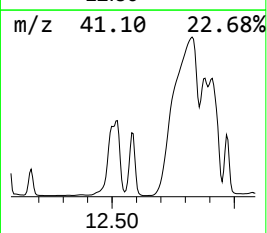
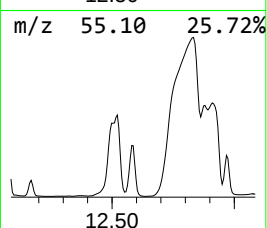
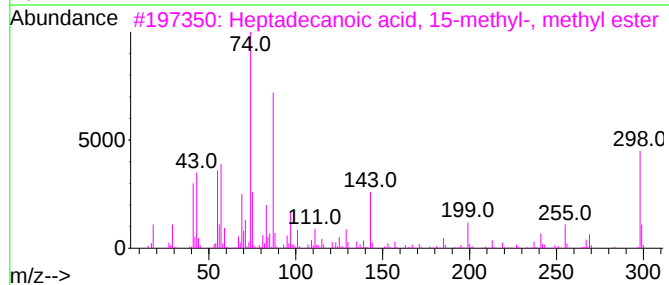
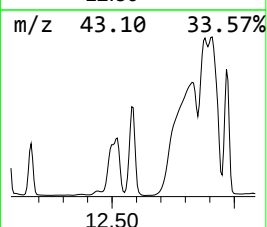
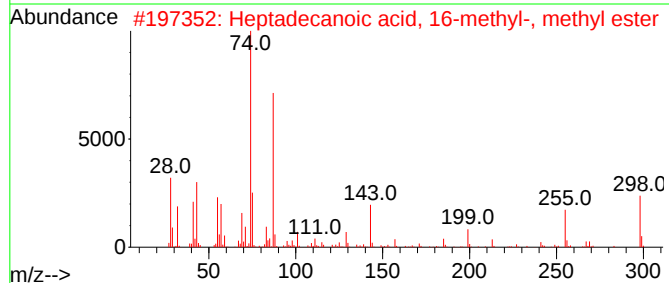
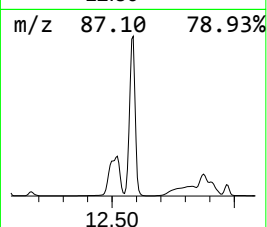
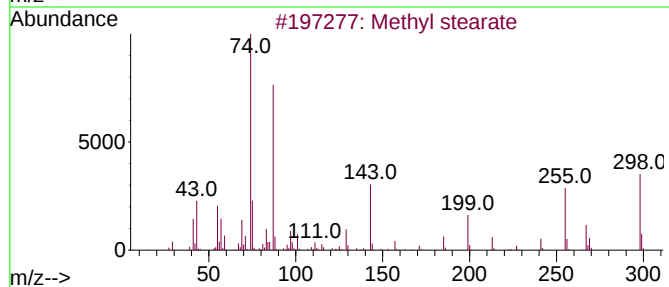
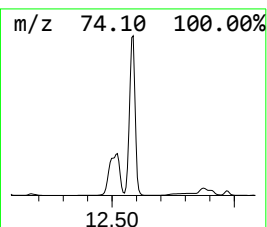
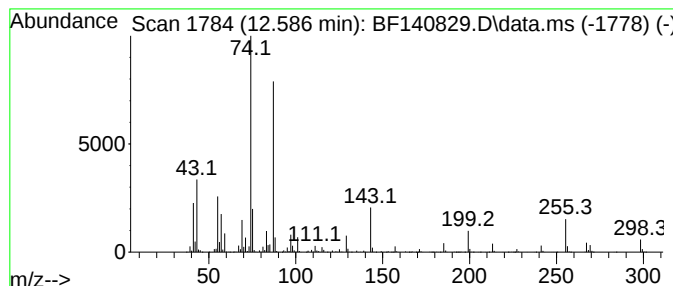
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl stearate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	8.30 ng	9823160	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

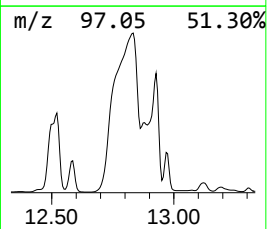
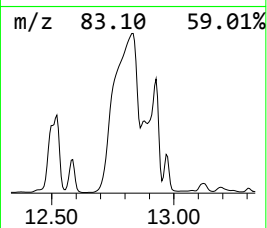
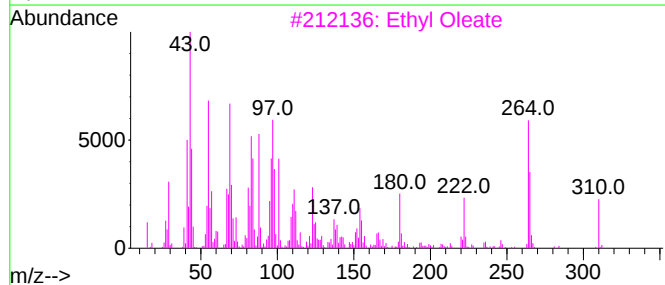
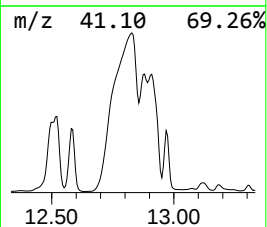
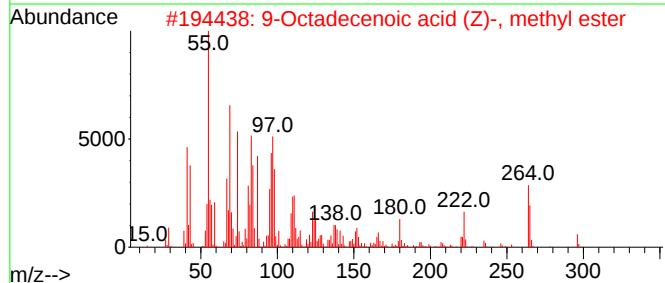
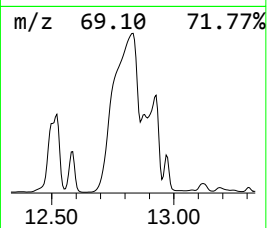
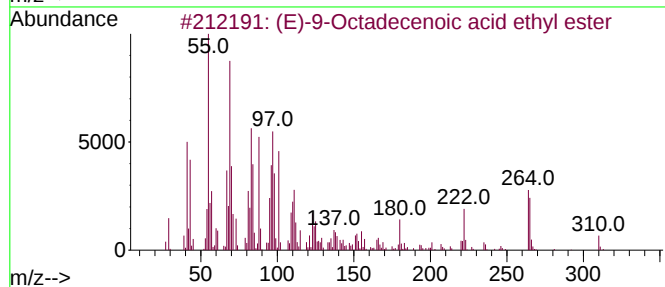
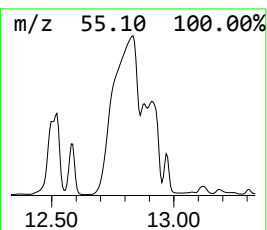
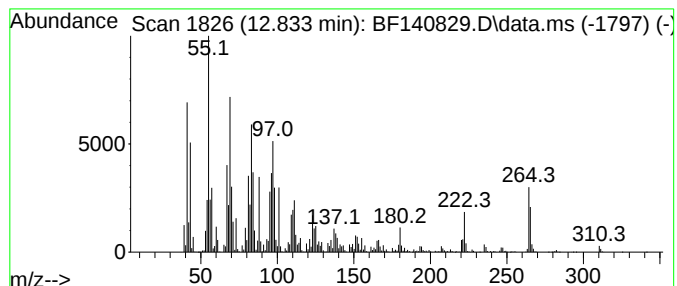
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 (E)-9-Octadecenoic acid eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	483.43 ng	93997100	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	93
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3			Ethyl Oleate	310	C20H38O2	000111-62-6	91
4			8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	90
5			cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

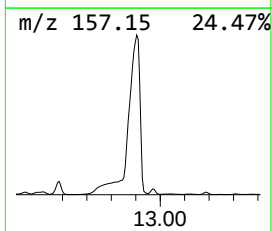
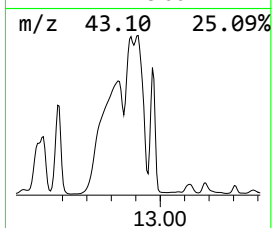
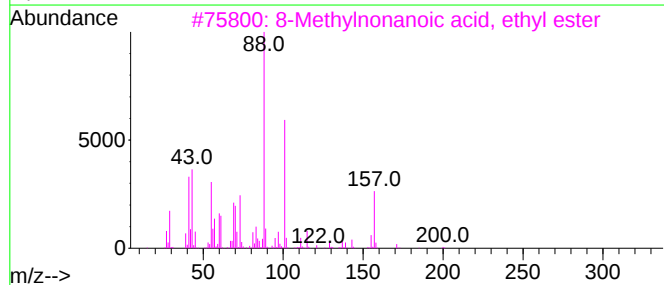
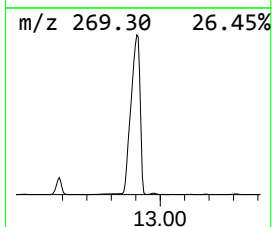
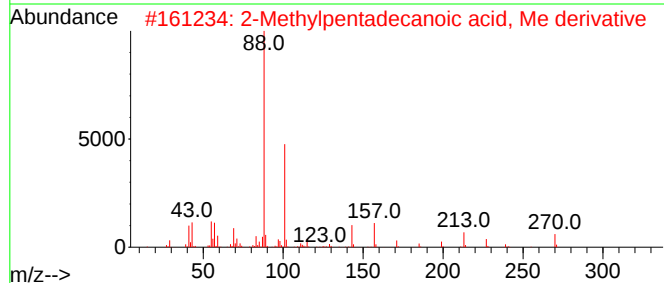
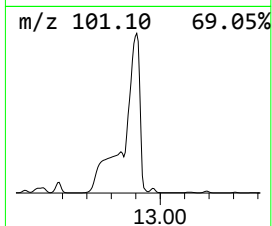
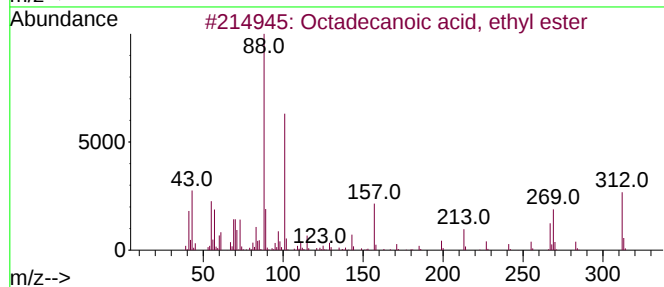
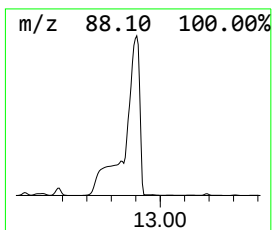
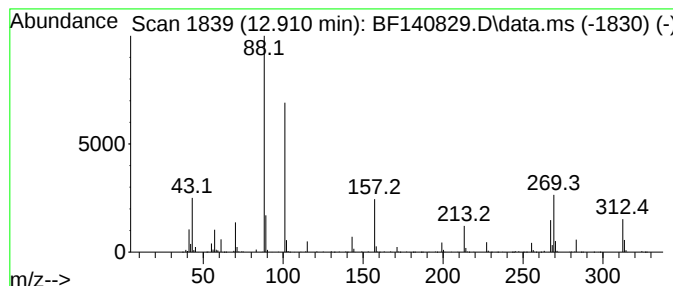
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid, ethyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	263.46 ng	51227700	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	97
2			2-Methylpentadecanoic acid, Me d...	270	C17H34O2	1000497-88-1	62
3			8-Methylnonanoic acid, ethyl ester	200	C12H24O2	1000452-00-8	58
4			Heptadecanoic acid, 15-methyl-, ...	312	C20H40O2	057274-46-1	53
5			Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

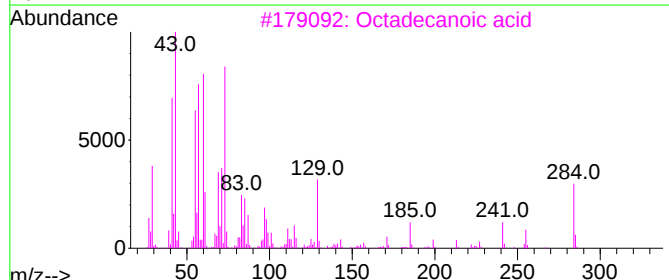
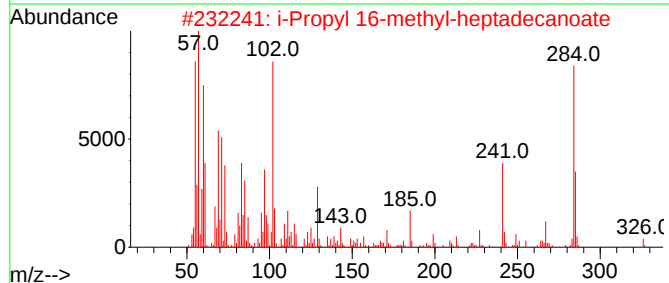
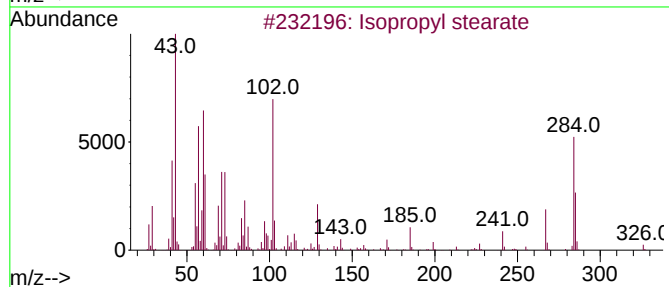
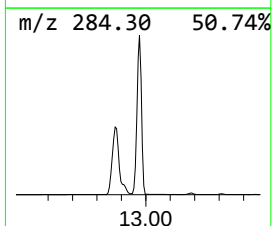
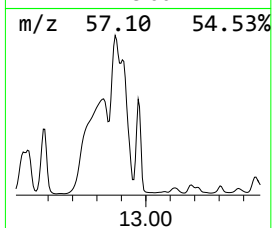
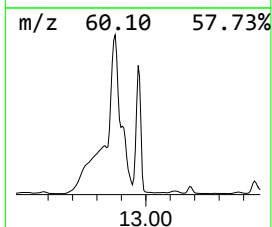
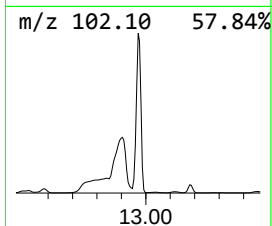
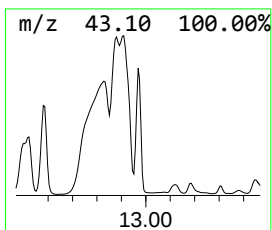
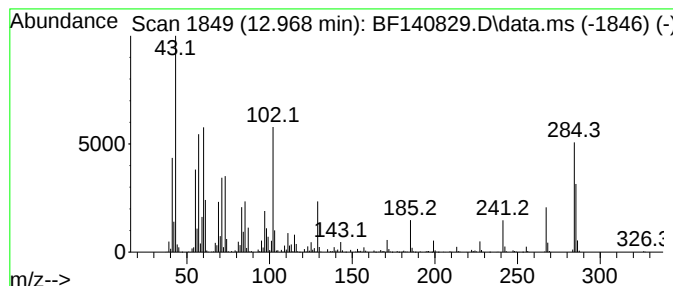
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Isopropyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.968	39.81 ng	7740430	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl stearate	326	C21H42O2	000112-10-7	87
2			i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	83
3			Octadecanoic acid	284	C18H36O2	000057-11-4	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	18
5			Heptanoic acid, 2,2-dimethyl-6-o...	186	C10H18O3	000926-27-2	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

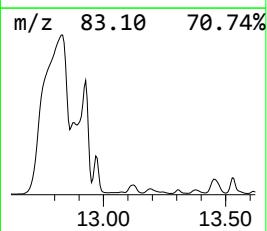
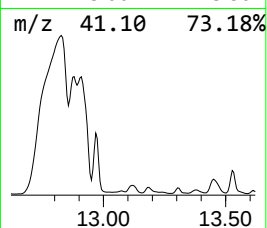
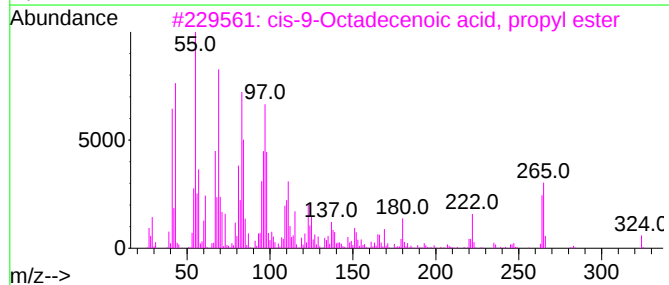
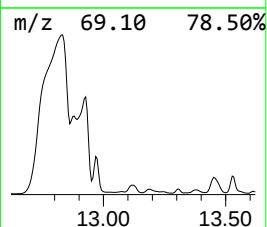
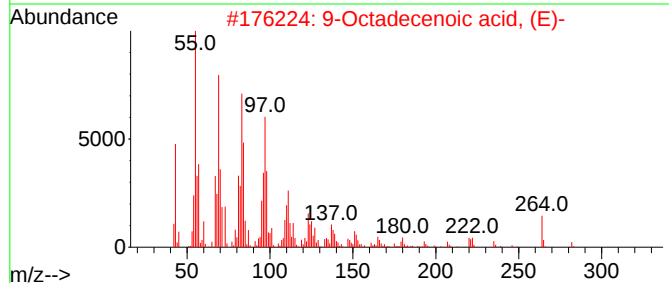
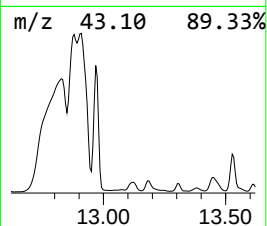
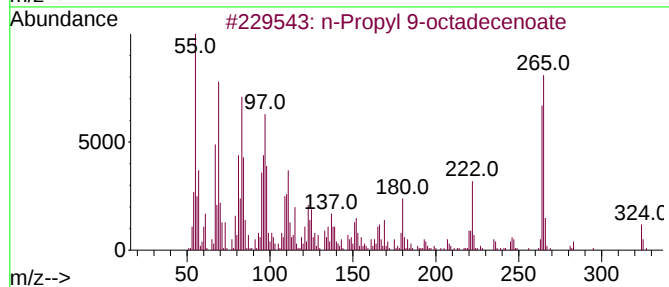
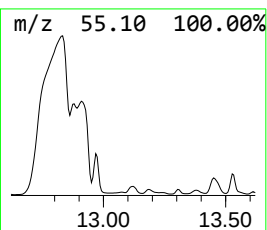
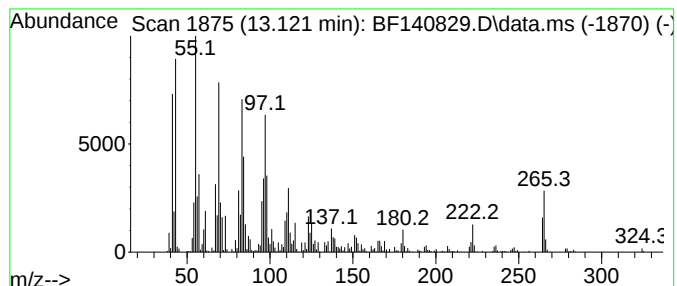
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Propyl 9-octadecenoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	6.77 ng	1315420	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Propyl 9-octadecenoate	324	C21H40O2	1000336-71-6	95
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
3			cis-9-Octadecenoic acid, propyl ...	324	C21H40O2	1000405-15-0	91
4			i-Propyl 9-octadecenoate (Z)	324	C21H40O2	000112-11-8	90
5			9-Octadecenoic acid	282	C18H34O2	002027-47-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
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Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

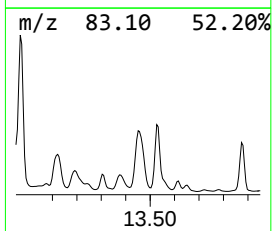
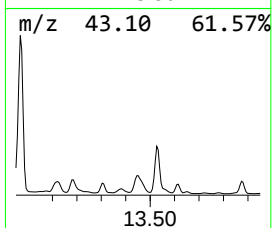
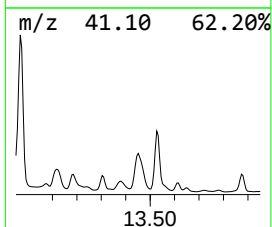
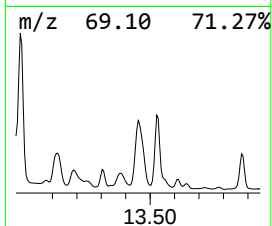
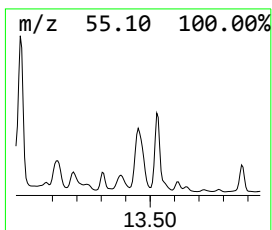
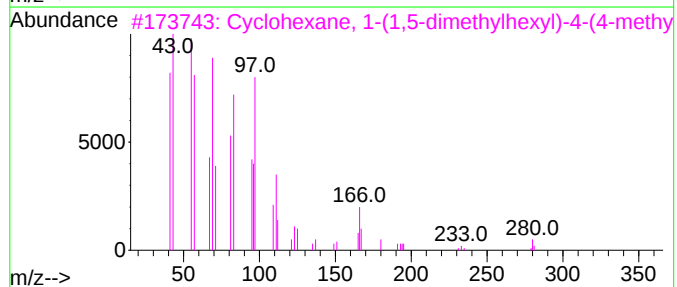
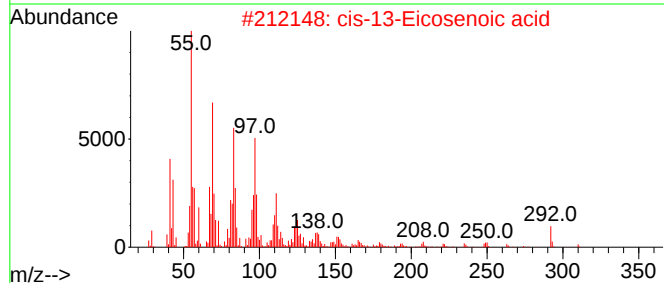
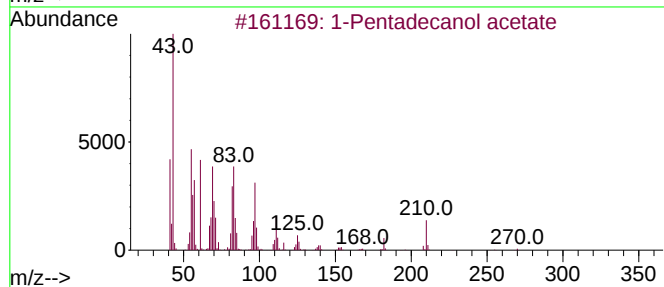
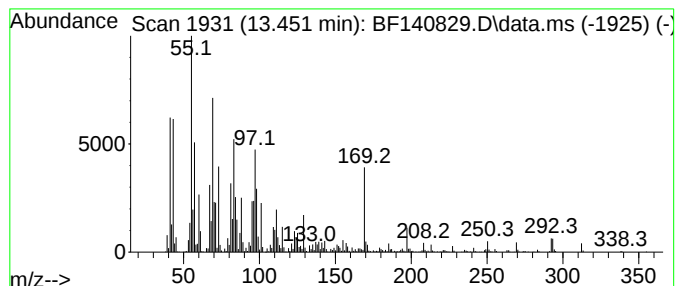
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ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Pentadecanol acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.451	15.81 ng	3073920	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol acetate	270	C17H34O2	000629-58-3	55
2	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	53
3	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	45
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	43
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
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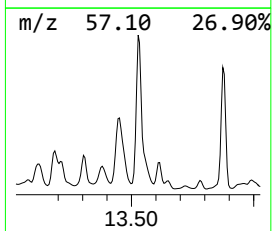
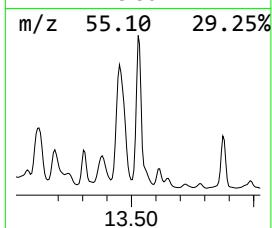
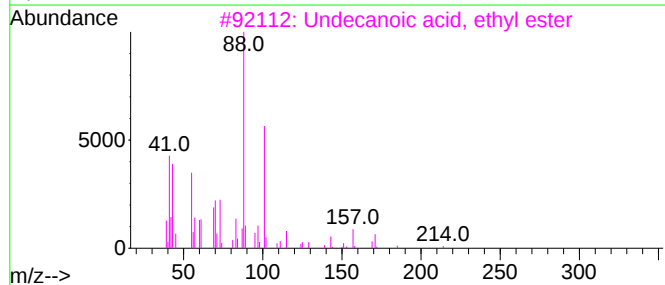
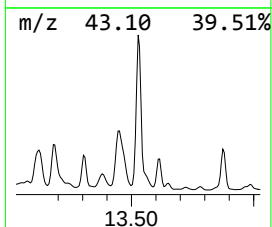
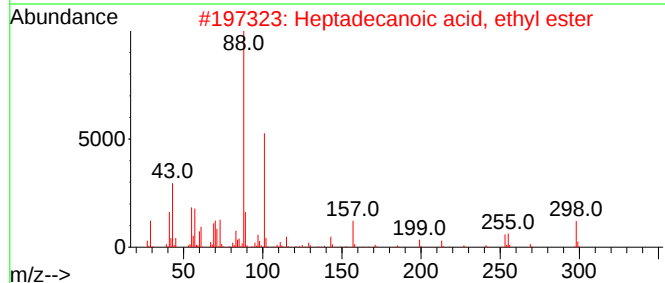
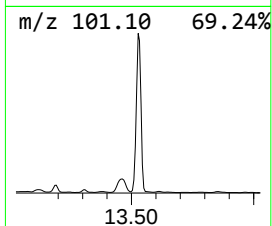
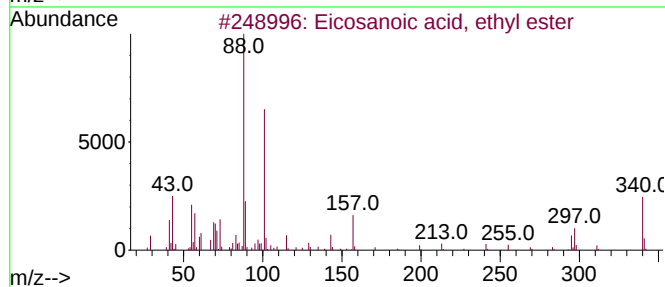
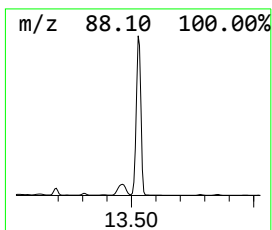
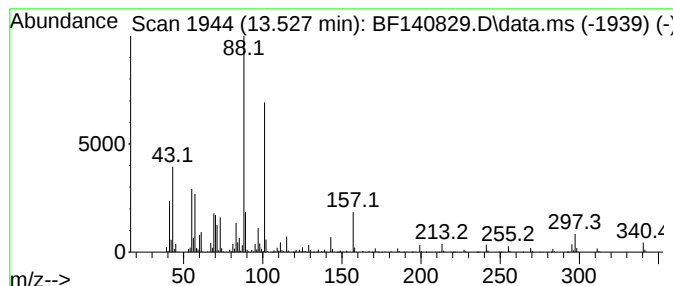
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosanoic acid, ethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.527	20.00 ng	3888770	Chrysene-d12	14.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	97
2	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	93
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	90
4	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	90
5	Methyl 19-methyl-eicosanoate	340	C22H44O2	1000336-23-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

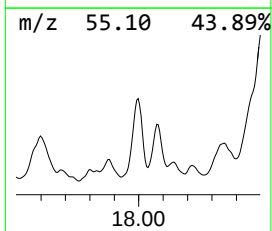
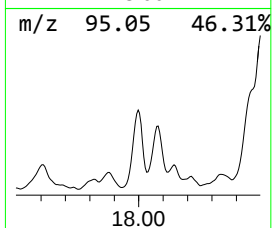
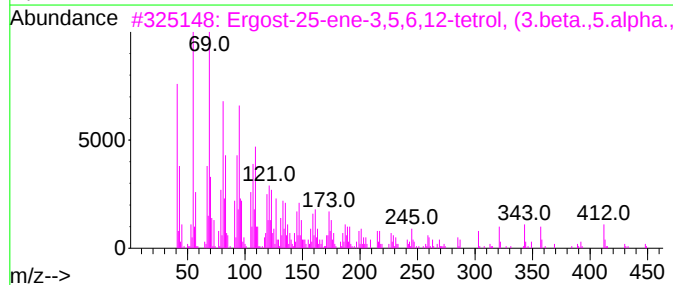
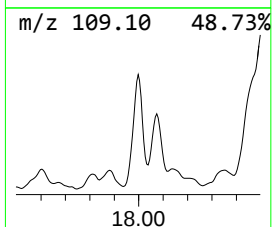
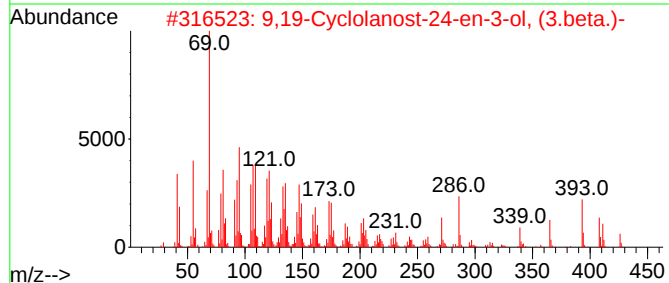
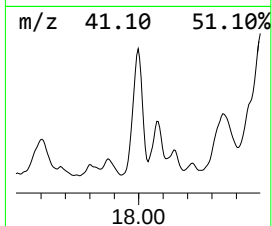
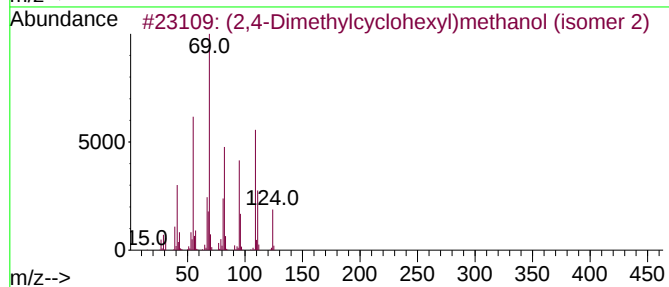
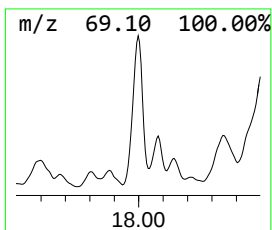
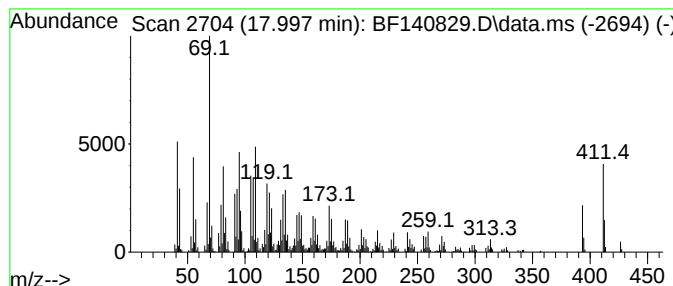
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.997 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.997	5.98 ng	1161790	Perylene-d12	15.551

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	43
2			9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	38
3			Ergost-25-ene-3,5,6,12-tetrol, (...	448	C28H48O4	056052-97-2	37
4			Chola-5,22-dien-3-ol, (3.beta.,2...	342	C24H38O	057597-14-5	32
5			Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

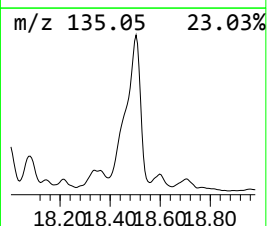
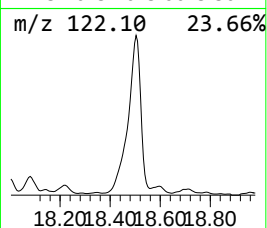
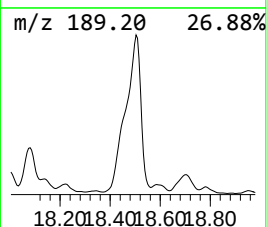
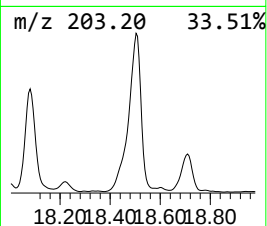
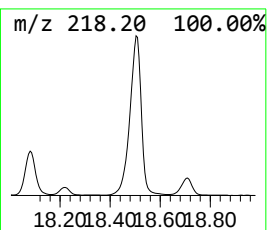
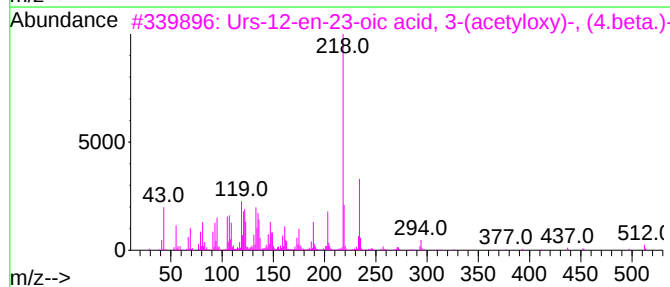
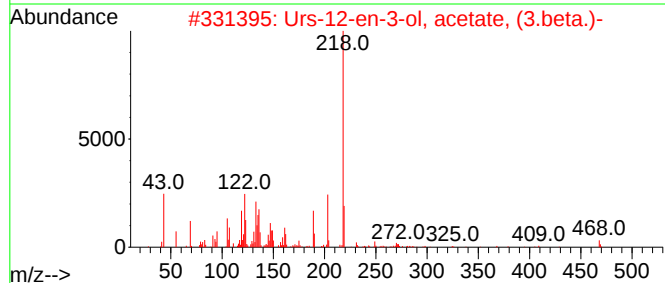
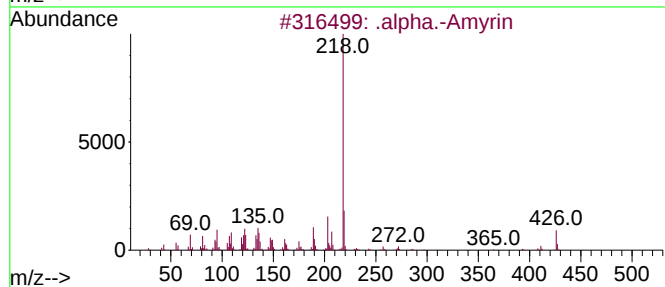
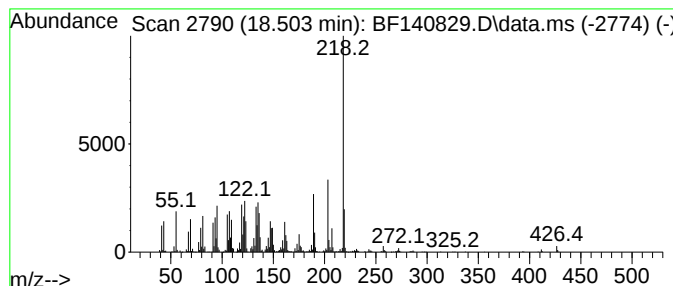
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .alpha.-Amyrin Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.503	19.66 ng	3821910	Perylene-d12	15.551

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Amyrin	426	C30H50O	000638-95-9	97
2		Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	93
3		Urs-12-en-23-oic acid, 3-(acetyl...	512	C33H52O4	1000505-76-4	74
4		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	70
5		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140829.D
Acq On : 11 Dec 2024 15:15
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
Butane, 2-metho...	2.157	33.2	ng	6628680	1	6.857	3997390	20.0
n-Propyl acetate	2.781	6.0	ng	1202090	1	6.857	3997390	20.0
1-Pentanol, 4-m...	5.457	10.5	ng	2107500	1	6.857	3997390	20.0
1-Hexanol, 2-et...	6.934	20.0	ng	3997390	1	6.857	3997390	20.0
Octanoic acid	8.081	20.0	ng	9281360	2	8.139	9281360	20.0
Hydrocinnamic acid	9.057	117.1	ng	8997910	3	9.898	1536530	20.0
2-Propenoic aci...	9.739	75.0	ng	5759840	3	9.898	1536530	20.0
Dodecanoic acid	10.322	682.2	ng	52412700	3	9.898	1536530	20.0
Tetradecanoic acid	11.163	20.0	ng	23682000	4	11.398	23682000	20.0
n-Hexadecanoic ...	11.998	15.1	ng	17831700	4	11.398	23682000	20.0
Hexadecanoic ac...	12.069	12.4	ng	14732200	4	11.398	23682000	20.0
Methyl stearate	12.586	8.3	ng	9823160	4	11.398	23682000	20.0
(E)-9-Octadecen...	12.833	483.4	ng	93997100	5	14.063	3888770	20.0
Octadecanoic ac...	12.910	263.5	ng	51227700	5	14.063	3888770	20.0
Isopropyl stearate	12.968	39.8	ng	7740430	5	14.063	3888770	20.0
n-Propyl 9-octa...	13.121	6.8	ng	1315420	5	14.063	3888770	20.0
1-Pentadecanol ...	13.451	15.8	ng	3073920	5	14.063	3888770	20.0
Eicosanoic acid...	13.527	20.0	ng	3888770	5	14.063	3888770	20.0
unknown17.997	17.997	6.0	ng	1161790	6	15.551	3888770	20.0
.alpha.-Amyrin	18.503	19.7	ng	3821910	6	15.551	3888770	20.0