LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140870.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	3	12	18	rVB	3662161	6545096	6.37%	1.908%
2	5.445	562	570	576	rBV	1169192	2162708	2.10%	0.631%
3	6.922	814	821	831	rBV	2414656	4220791	4.11%	1.231%
4	7.233	868	874	882	rBV2	836178	1422215	1.38%	0.415%
5	7.416	900	905	909	rBV	1241338	1672476	1.63%	0.488%
6	7.592	922	935	938	rBV	485379	1230664	1.20%	0.359%
7	8.069	984	1016	1018	rBV	1799129	8742225	8.51%	2.549%
8	8.251	1045	1047	1051	rVB	1705147	1894479	1.84%	0.552%
9	8.710	1117	1125	1131	rBV	872815	1354545	1.32%	0.395%
10	9.045	1160	1182	1188	rBV3	2686269	8685404	8.45%	2.533%
11	9.204	1188	1209	1212	rBV	4743557	15343281	14.93%	4.474%
12	9.722	1289	1297	1306	rVV	3413999	5646658	5.50%	1.647%
13	9.916	1327	1330	1336	rVB2	1129334	1528991	1.49%	0.446%
14	10.274	1357	1391	1392	rBV2	7303259	42333577	41.20%	12.344%
15	10.686	1457	1461	1467	rVB	884920	1159765	1.13%	0.338%
16	10.916	1492	1500	1501	rBV2	974221	1405286	1.37%	0.410%
17	10.939	1501	1504	1507	rVV	2142283	3188659	3.10%	0.930%
18	10.969	1507	1509	1520	rVB	1287526	1903045	1.85%	0.555%
19	11.157	1520	1541	1547	rBV2	6537192	28589130	27.83%	8.336%
20	11.763	1638	1644	1649	rBV	2414361	3115845	3.03%	0.909%
21	11.980	1666	1681	1686	rVV	5683689	19225043	18.71%	5.606%
22	12.051	1686	1693	1698	rVB	8539986	16865991	16.42%	4.918%
23	12.151	1705	1710	1716	rVB	2312618	2925505	2.85%	0.853%
24	12.480	1750	1766	1767	rBV	6698283	11883716	11.57%	3.465%
25	12.563	1775	1780	1790	rVB	6670976	10997298	10.70%	3.207%
26	12.821	1794	1824	1828	rBV3	15046012	102744650	100.00%	29.959%
27	12.874	1828	1833	1834	rBV2	4170298	6020019	5.86%	1.755%
28	12.957	1844	1847	1852	rVB	5878245	7624741	7.42%	2.223%
29	13.027	1852	1859	1867	rVB	875382	2438146	2.37%	0.711%
30	13.104	1867	1872	1878	rVB2	765315	1553253	1.51%	0.453%
31	13.439	1922	1929	1936	rVV3	1397268	3416733	3.33%	0.996%
32	13.510	1936	1941	1951	rVV	3100142	4505919	4.39%	1.314%
33	13.857	1995	2000	2008	rVB	830520	1092473	1.06%	0.319%
34	17.545	2615	2627	2645	rVB8	217585	1127517	1.10%	0.329%
35	17.921	2682	2691	2699	rBV2	533341	1719044	1.67%	0.501%
36	18.262	2735	2749	2759	rBV	339976	1703956	1.66%	0.497%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 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-BF121624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.427	2760	2777	2786	rBV	1199289	4959797	4.83%	1.446%

Sum of corrected areas: 342948641

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
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Acq On : 16 Dec 2024 19:45
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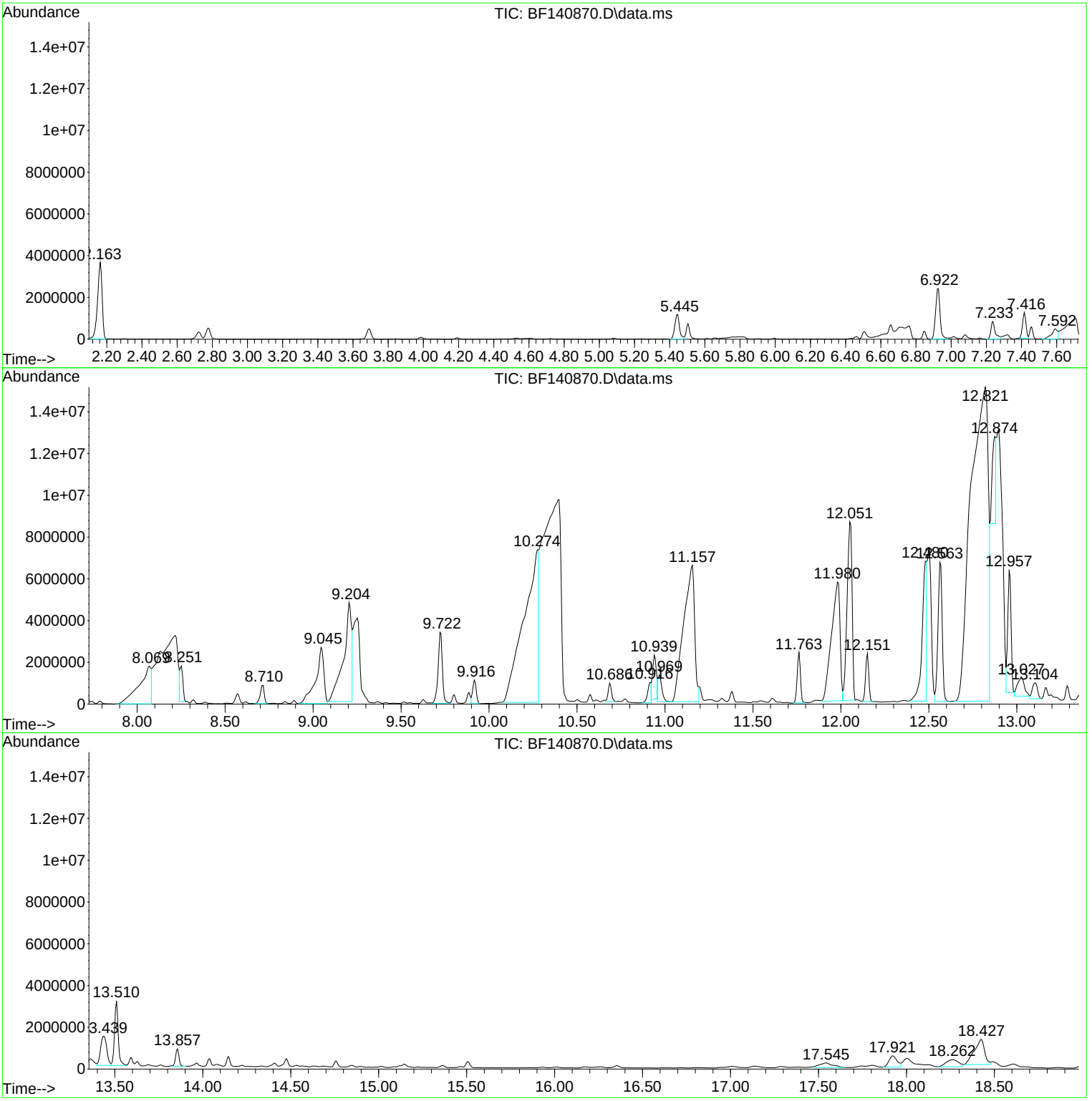
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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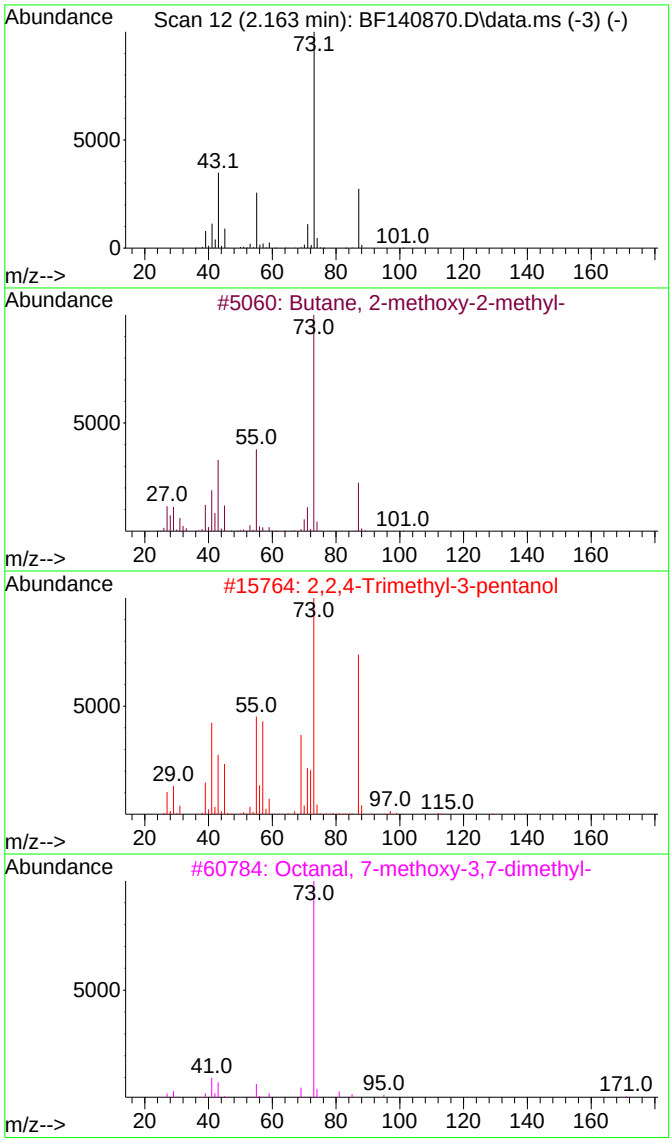
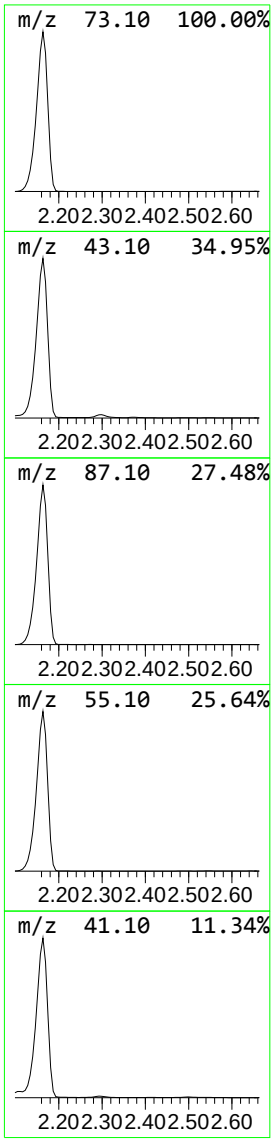
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	31.01 ng	6545100	1,4-Dichlorobenzene-d4	6.845

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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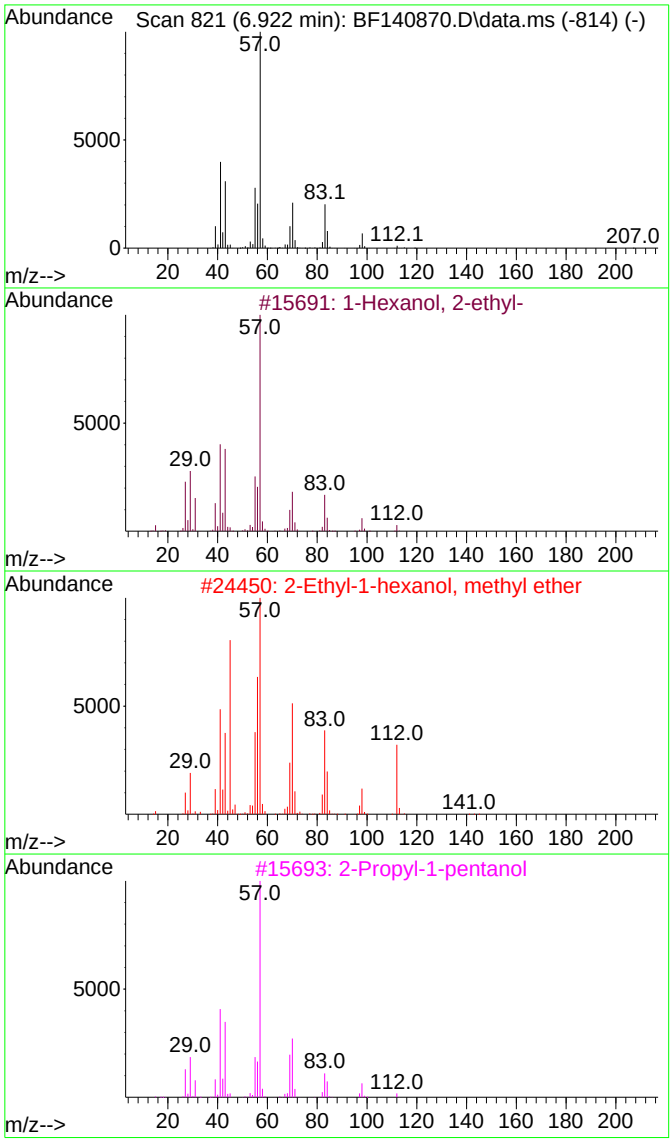
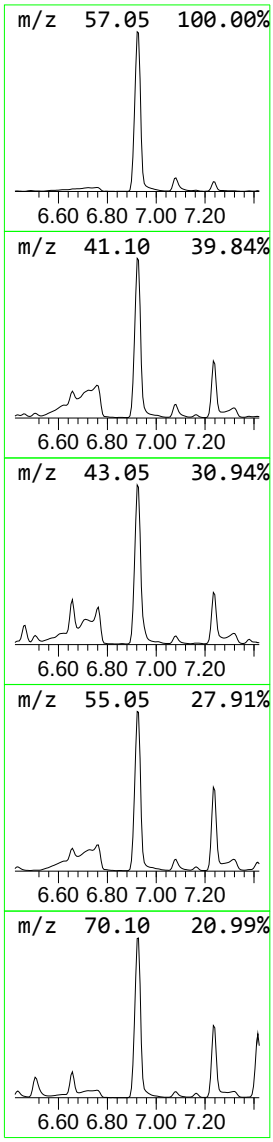
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	20.00 ng	4220790	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	47
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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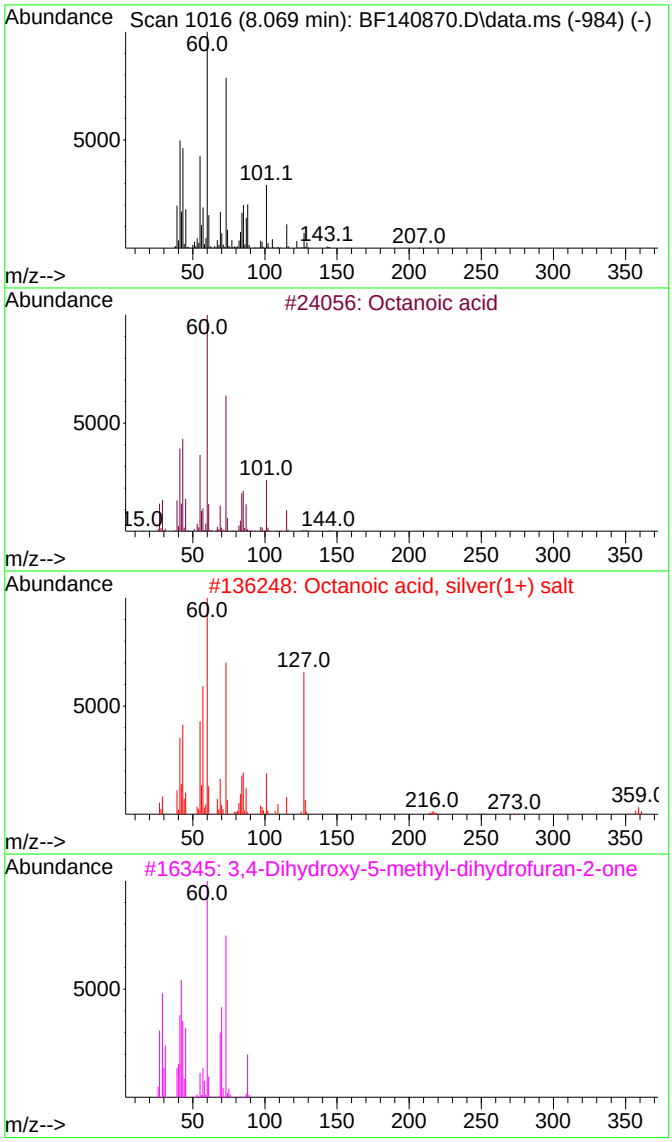
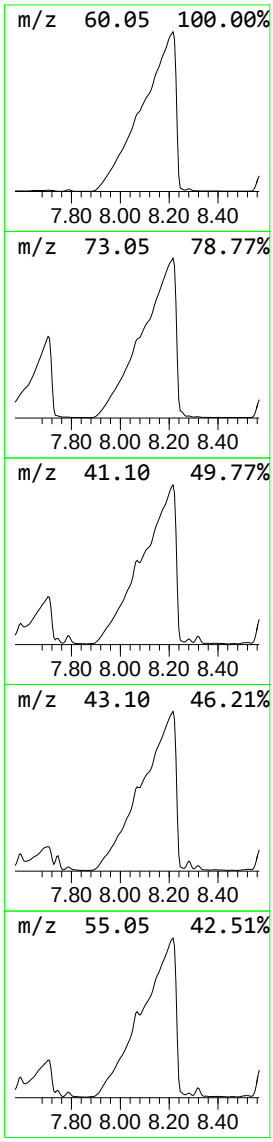
Peak Number 3 Octanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	20.00 ng	8742230	Naphthalene-d8	8.128

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\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

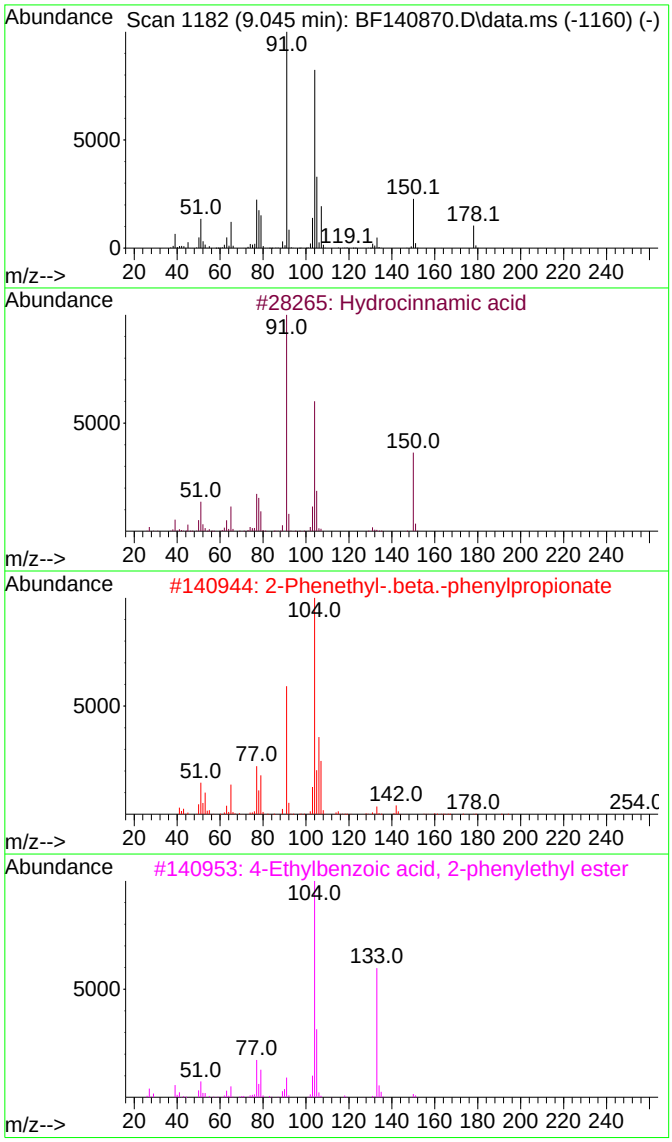
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

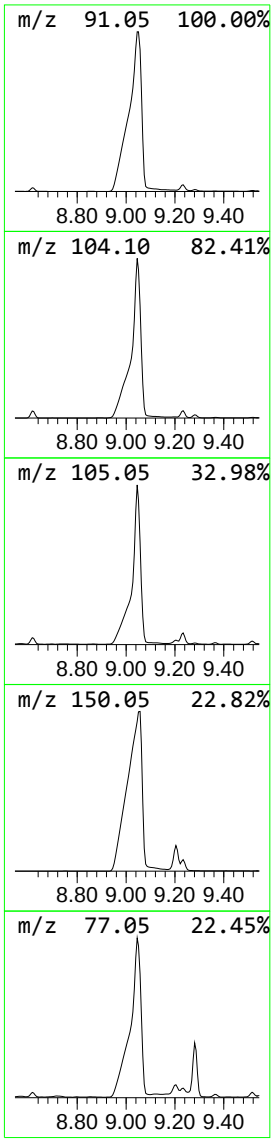
****

Peak Number 4 Hydrocinnamic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	113.61 ng	8685400	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
2	2-Phenethyl-.beta.-phenylpropionate	254	C17H18O2	028049-10-7	64
3	4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	50
4	Pentafluoropropionic acid, 2-phe...	268	C11H9F5O2	081089-48-7	49
5	2-Bromopropionic acid, 2-phenyle...	256	C11H13BrO2	043216-34-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

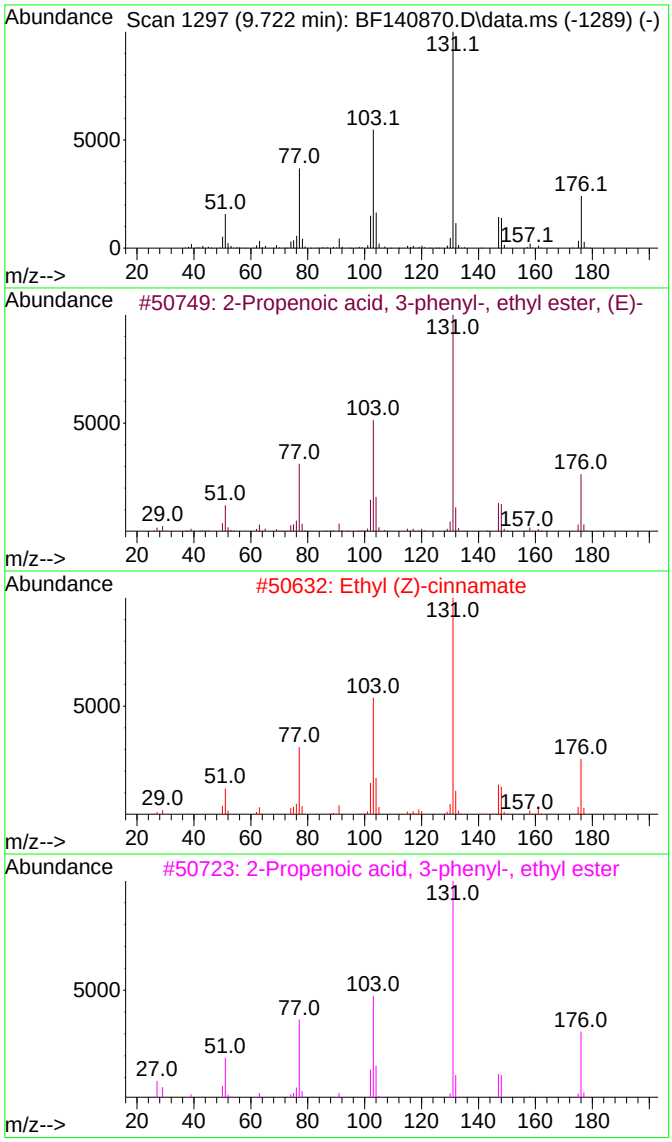
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

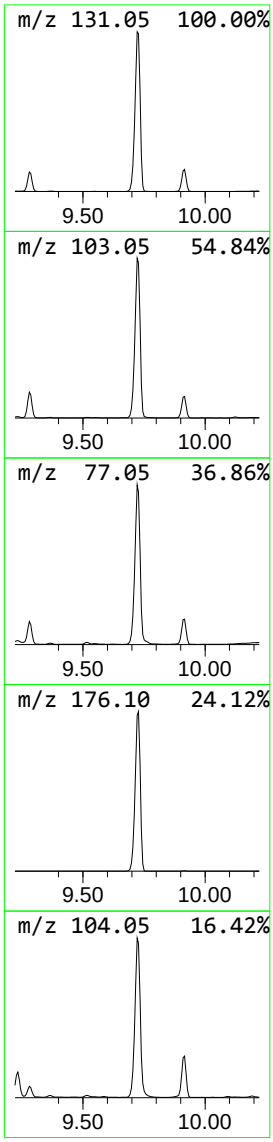
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Propenoic acid, 3-phenyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	73.86 ng	5646660	Acenaphthene-d10	9.886

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	2-Propenoic acid, 3-phenyl-, cyc...	230	C15H18O2	007779-17-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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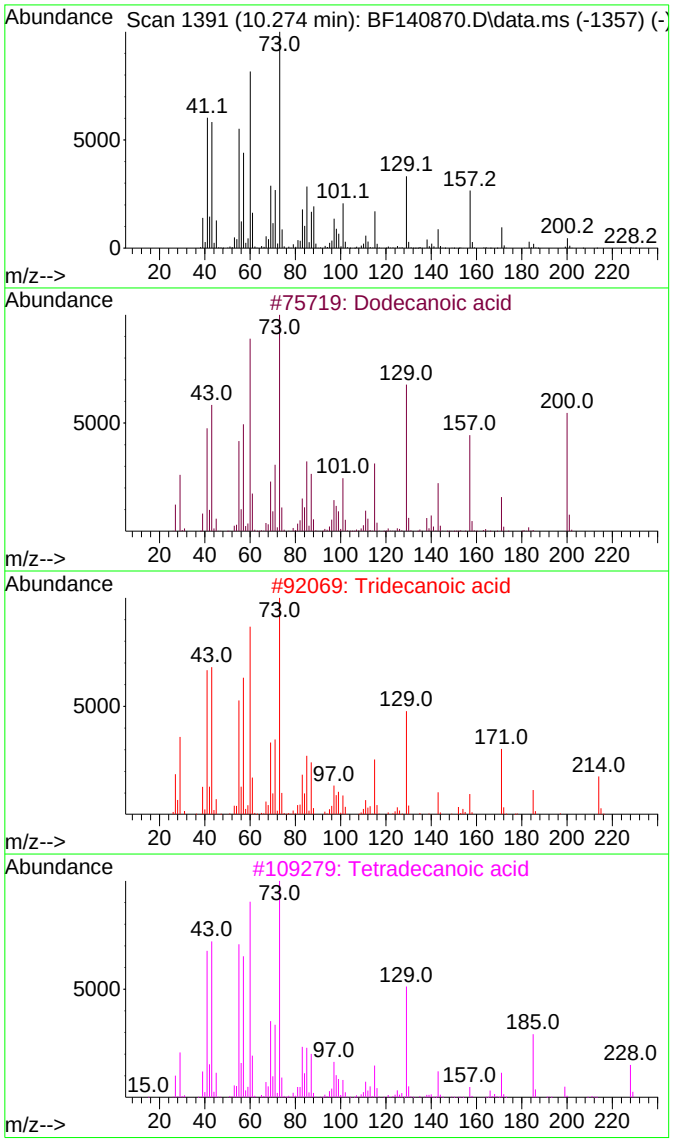
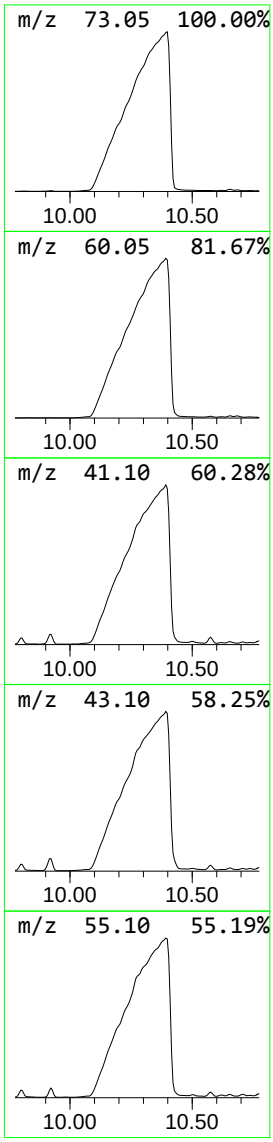
Peak Number 6 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.275	553.75 ng	42333600	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Octanoic acid	144	C8H16O2	000124-07-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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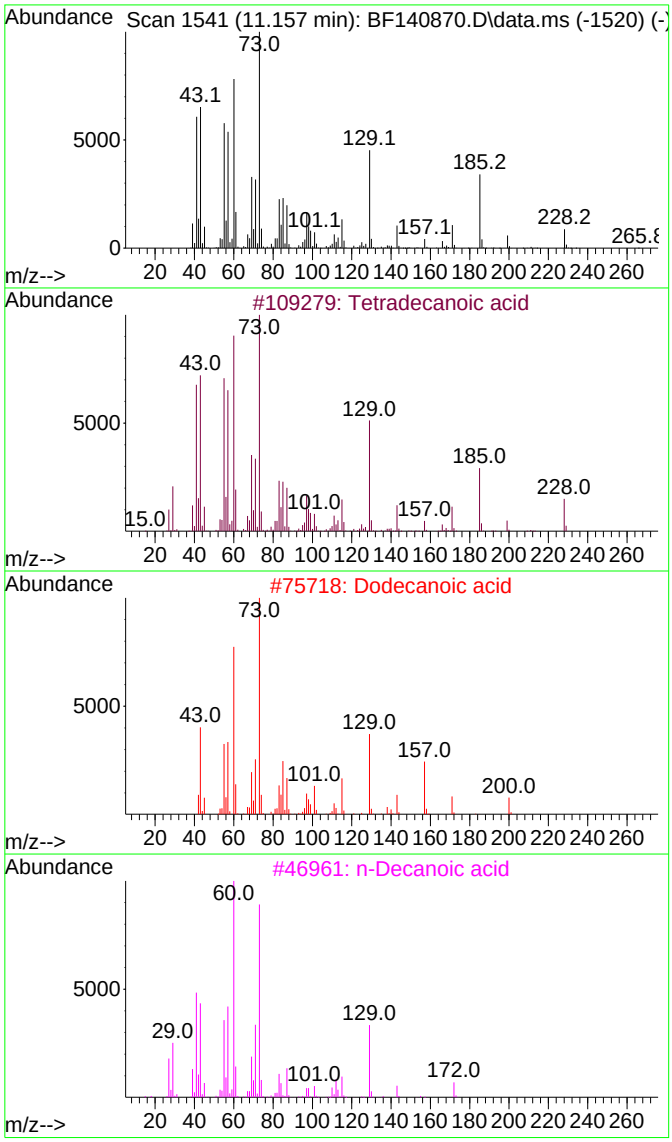
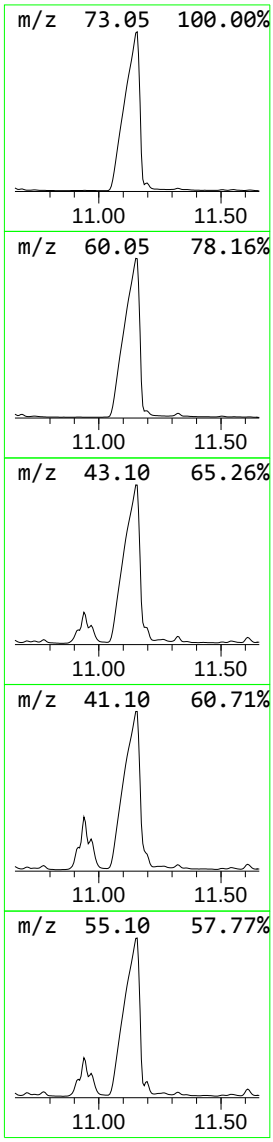
Peak Number 7 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.157	20.00 ng	28589100	Phenanthrene-d10	11.380

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	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.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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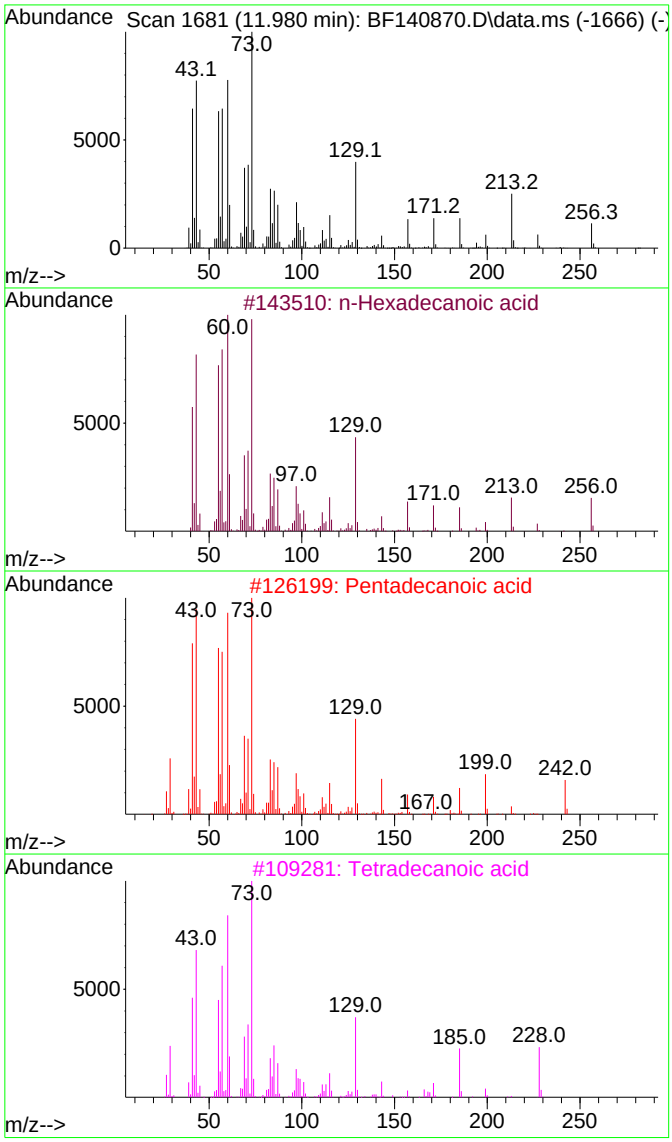
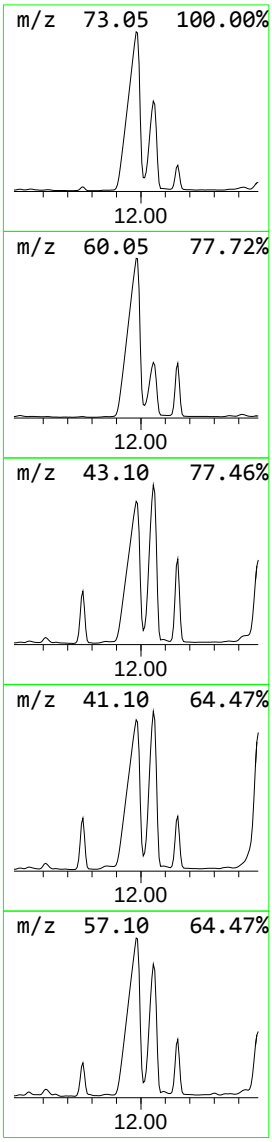
Peak Number 8 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	13.45 ng	19225000	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

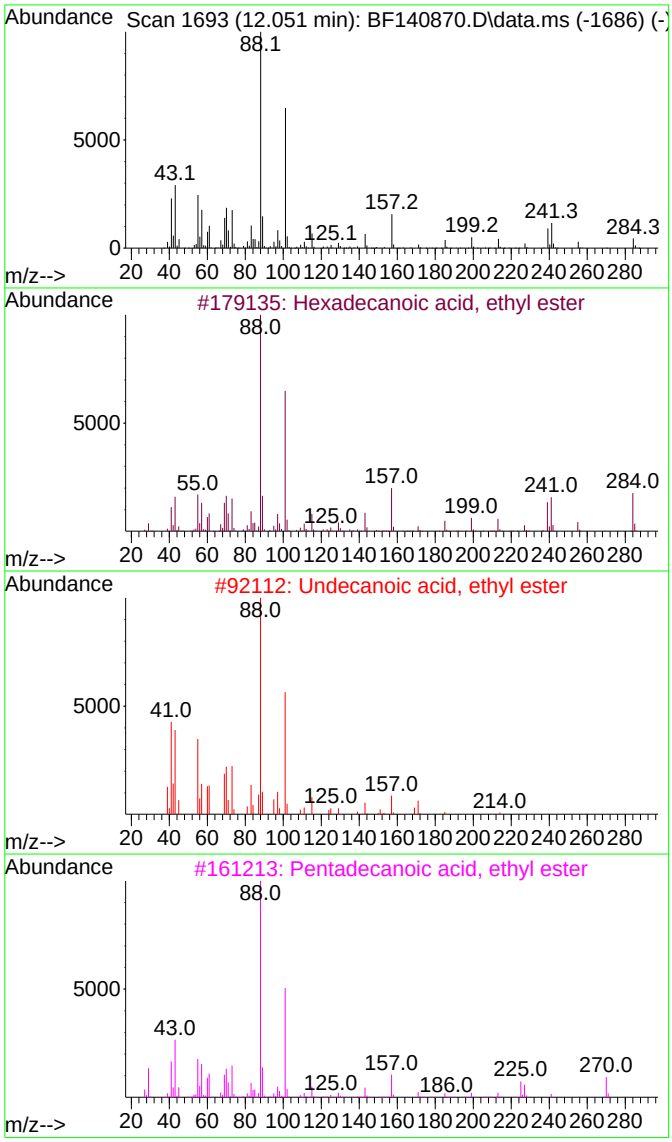
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

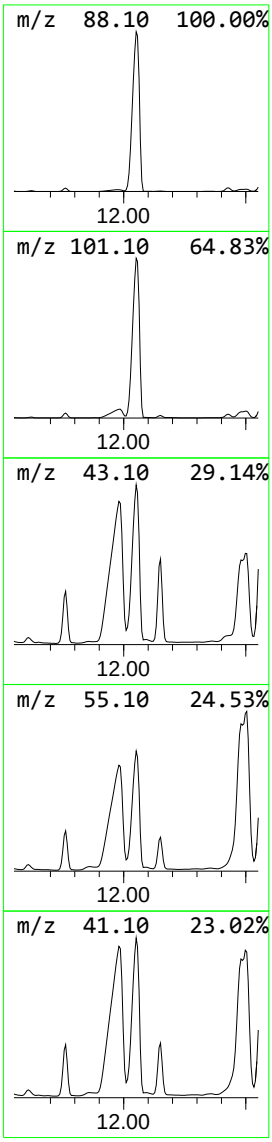
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, ethyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	11.80 ng	16866000	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	97
2	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	87
3	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	80
4	Dodecanoic acid, ethyl ester	228	C14H28O2	000106-33-2	72
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	64





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Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

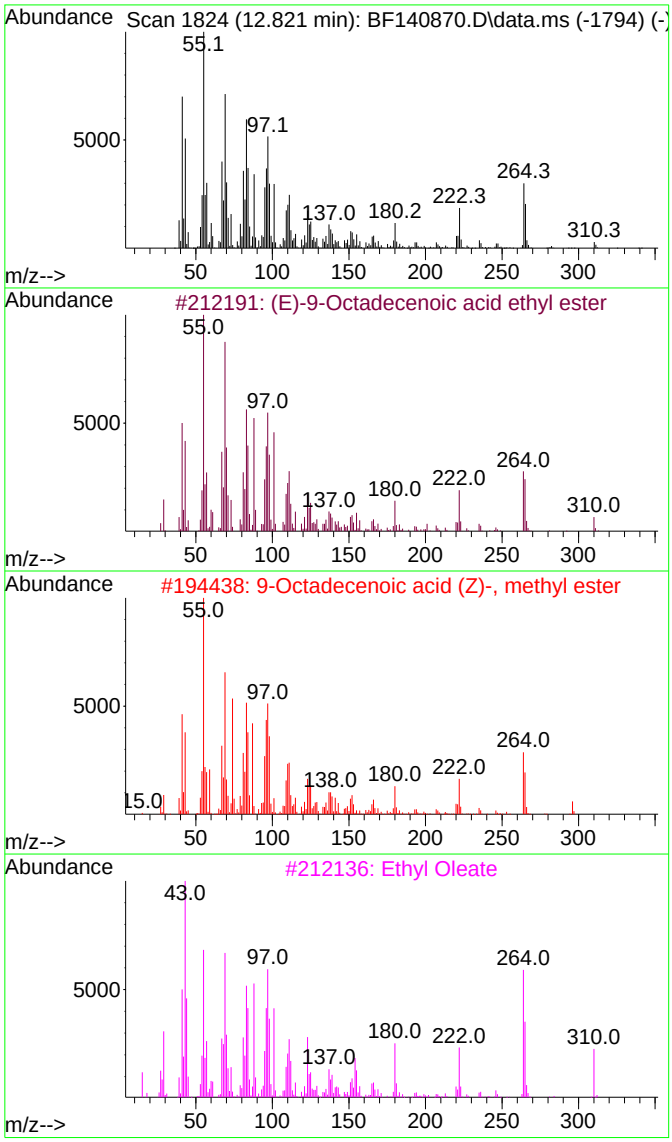
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

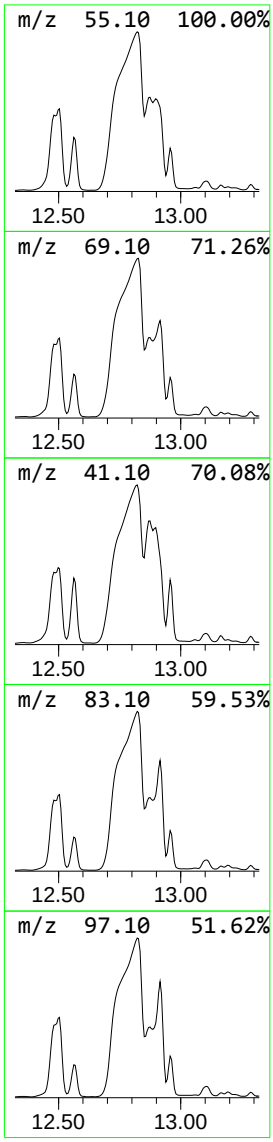
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (E)-9-Octadecenoic acid eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.821	1880.96 ng	102745000	Chrysene-d12	14.039

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	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	90





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Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

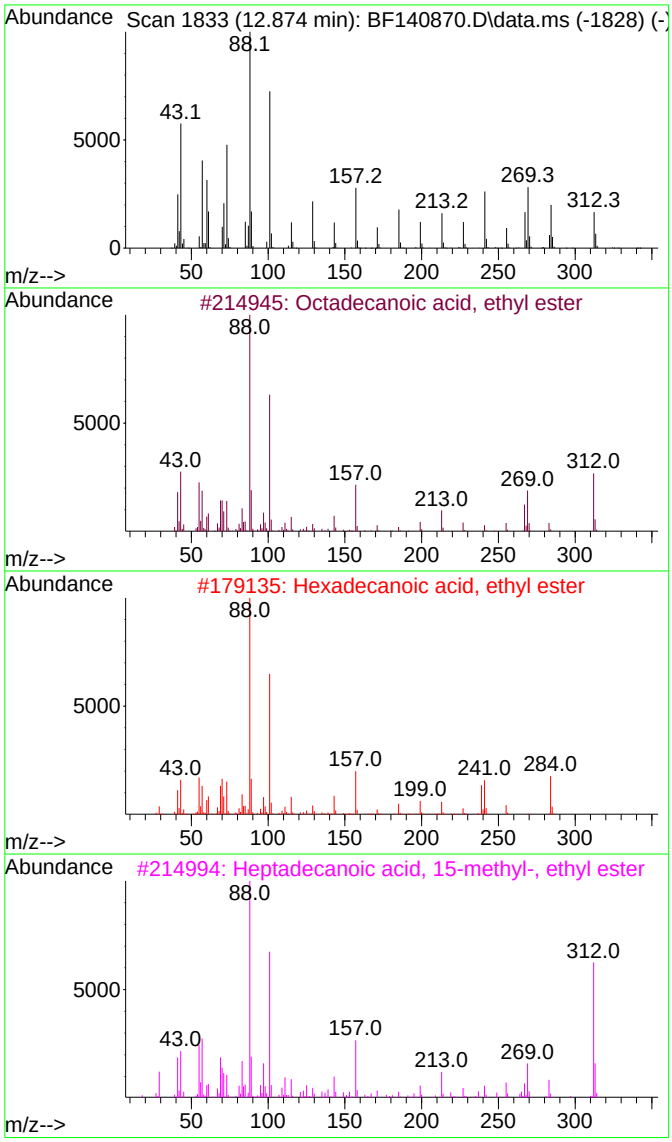
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

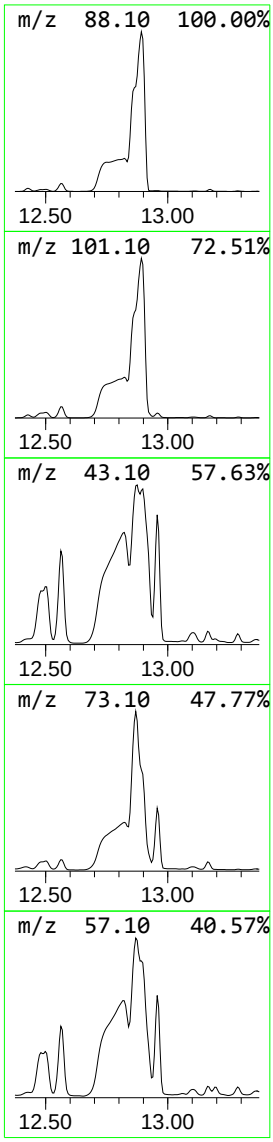
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octadecanoic acid, ethyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.874	110.21 ng	6020020	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	97
2	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	64
3	Heptadecanoic acid, 15-methyl-, ...	312	C20H40O2	057274-46-1	60
4	Ethyl tridecanoate	242	C15H30O2	028267-29-0	53
5	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	49





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Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

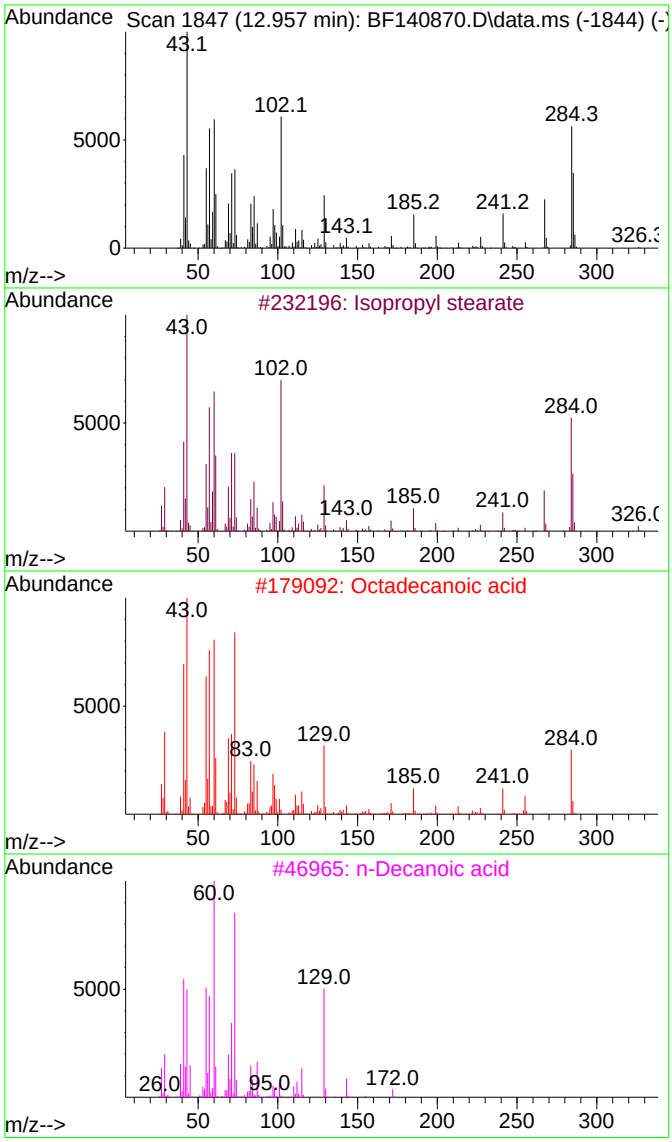
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

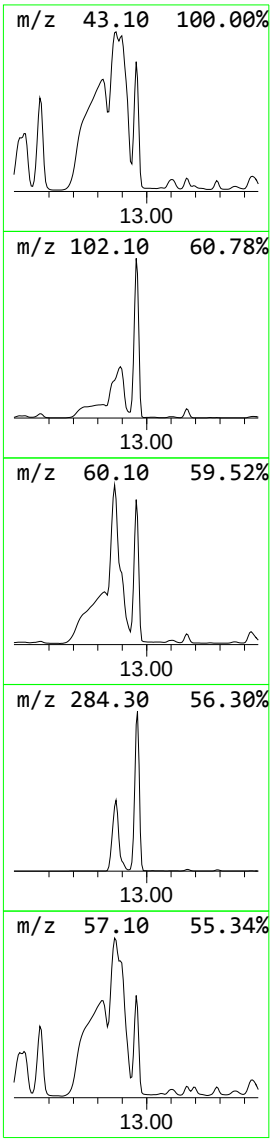
****

Peak Number 12 Isopropyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.957	139.59 ng	7624740	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	81
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	25
4	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	22
5	Methyl isopropylidene-.beta.-d-a...	204	C9H16O5	1000129-88-1	16





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Acq On : 16 Dec 2024 19:45
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Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

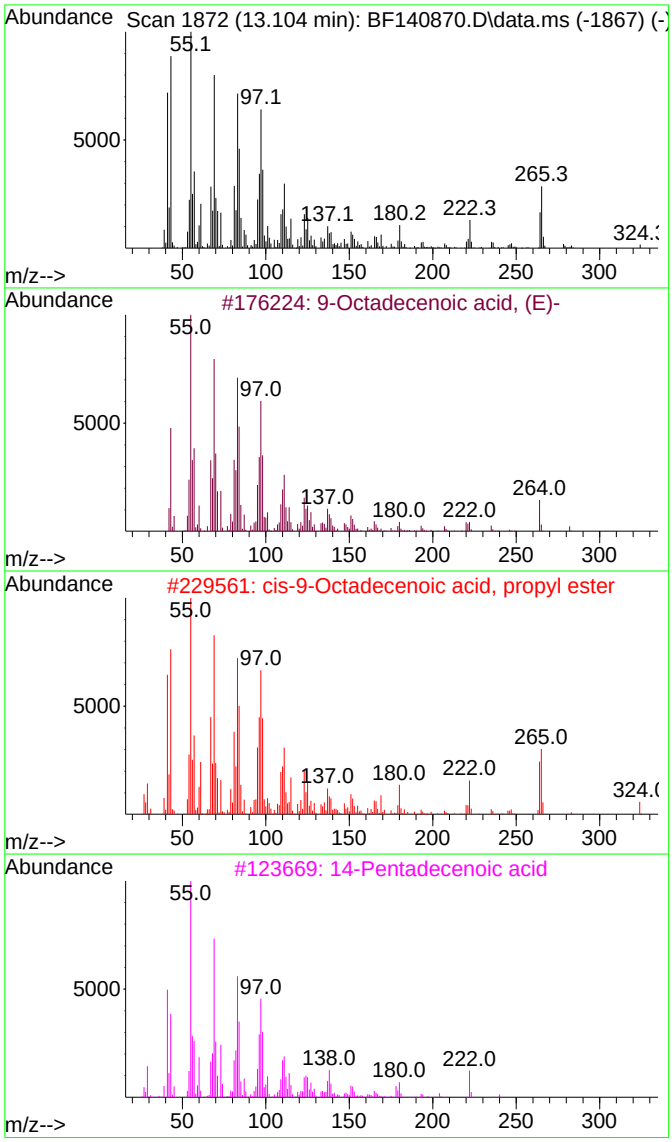
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

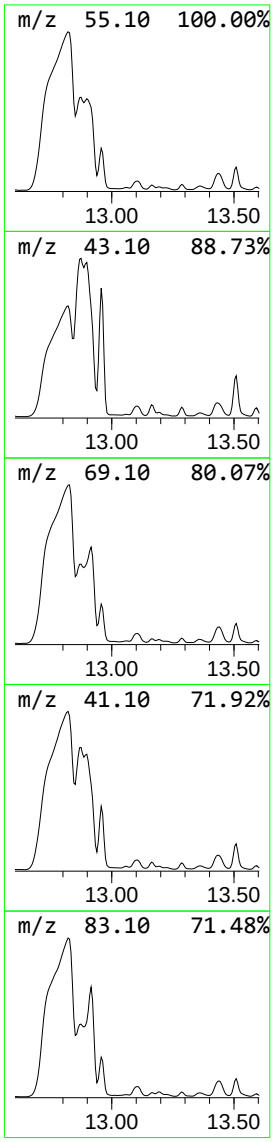
****

Peak Number 13 9-Octadecenoic acid, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.104	28.44 ng	1553250	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
2	cis-9-Octadecenoic acid, propyl ...	324	C21H40O2	1000405-15-0	89
3	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	68
4	Z-9-Hexadecen-1-ol acetate	282	C18H34O2	1000130-89-2	53
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	49





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Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

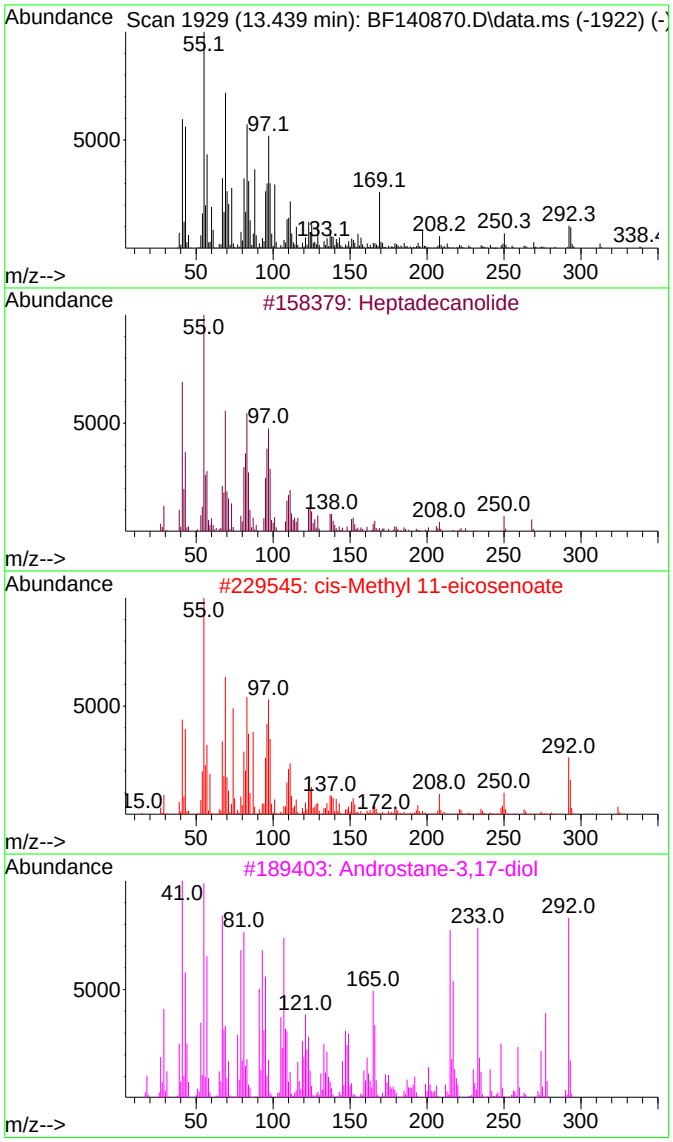
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

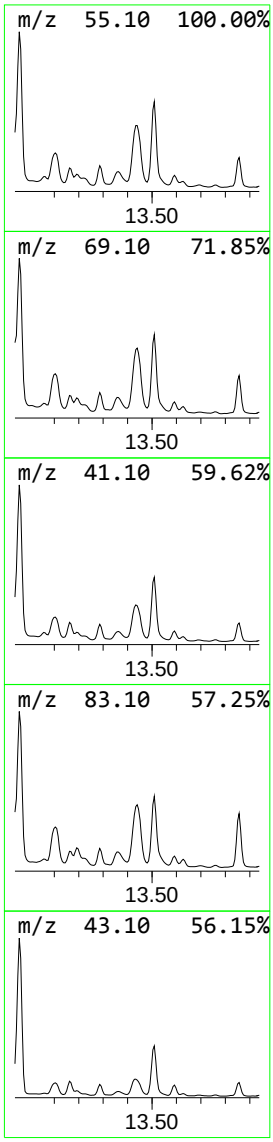
****

Peak Number 14 Heptadecanolide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	62.55 ng	3416730	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanolide	268	C17H32O2	005637-97-8	60
2	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	58
3	Androstane-3,17-diol	292	C19H32O2	025126-76-5	56
4	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	53
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	53





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Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

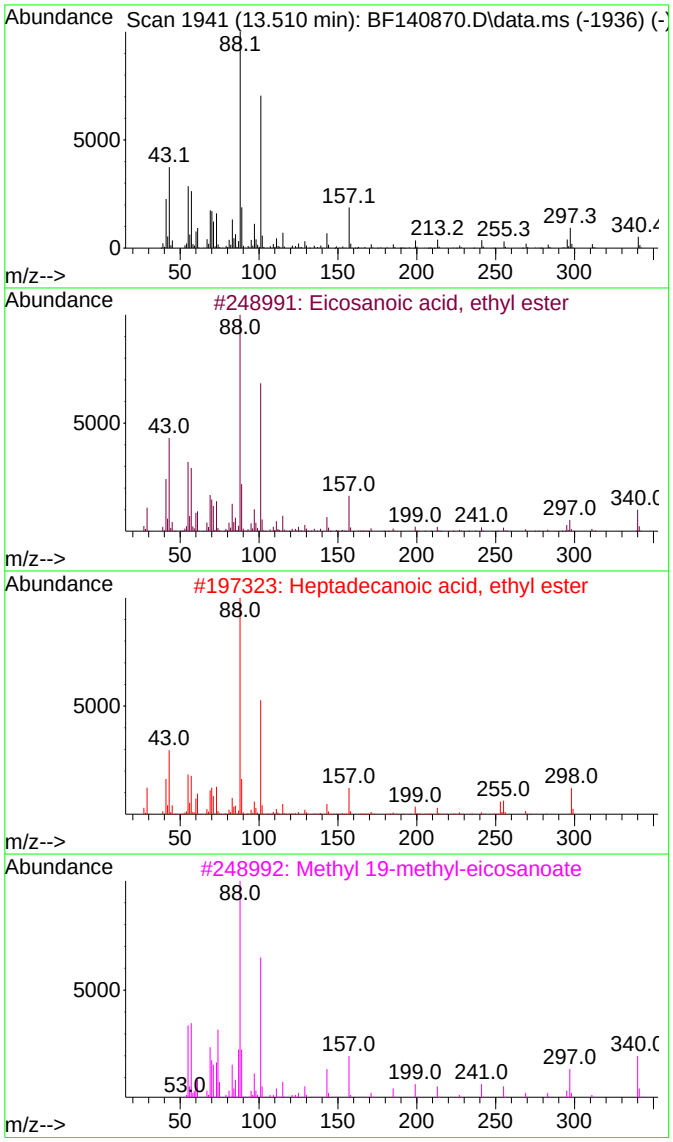
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

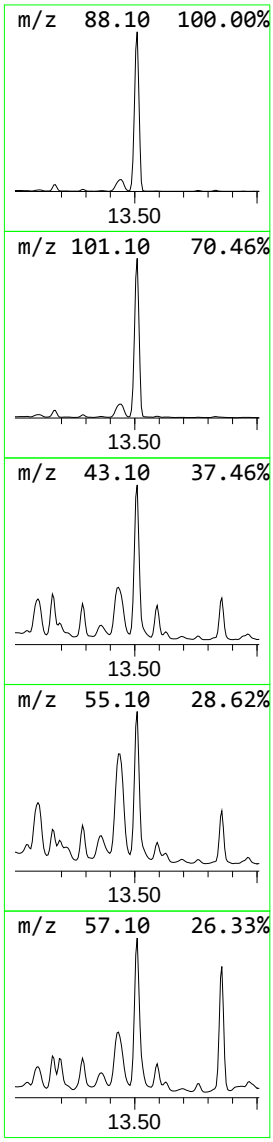
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Eicosanoic acid, ethyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.510	82.49 ng	4505920	Chrysene-d12	14.039

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	Methyl 19-methyl-eicosanoate	340	C22H44O2	1000336-23-8	91
4	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	90
5	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	87





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Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

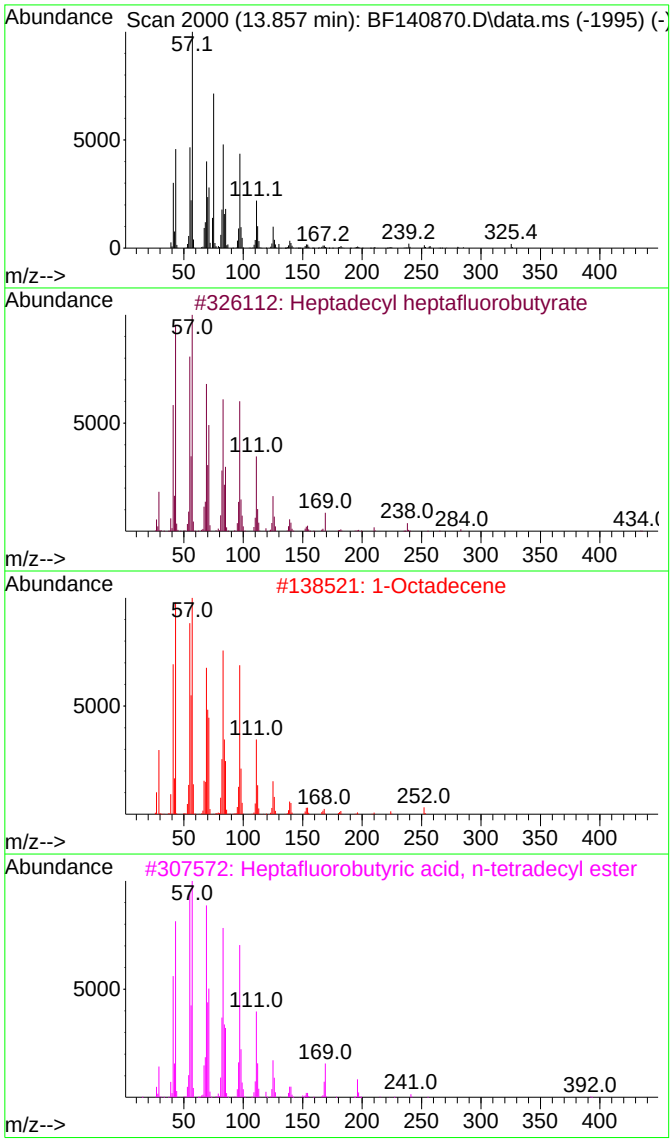
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

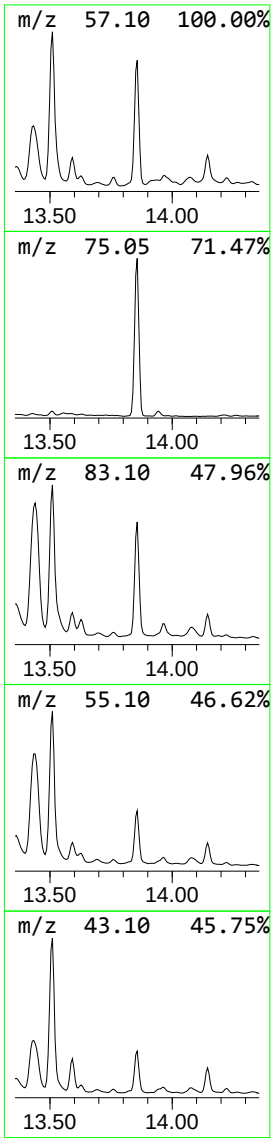
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	20.00 ng	1092470	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2	1-Octadecene	252	C18H36	000112-88-9	87
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	81
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	81
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	81





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Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

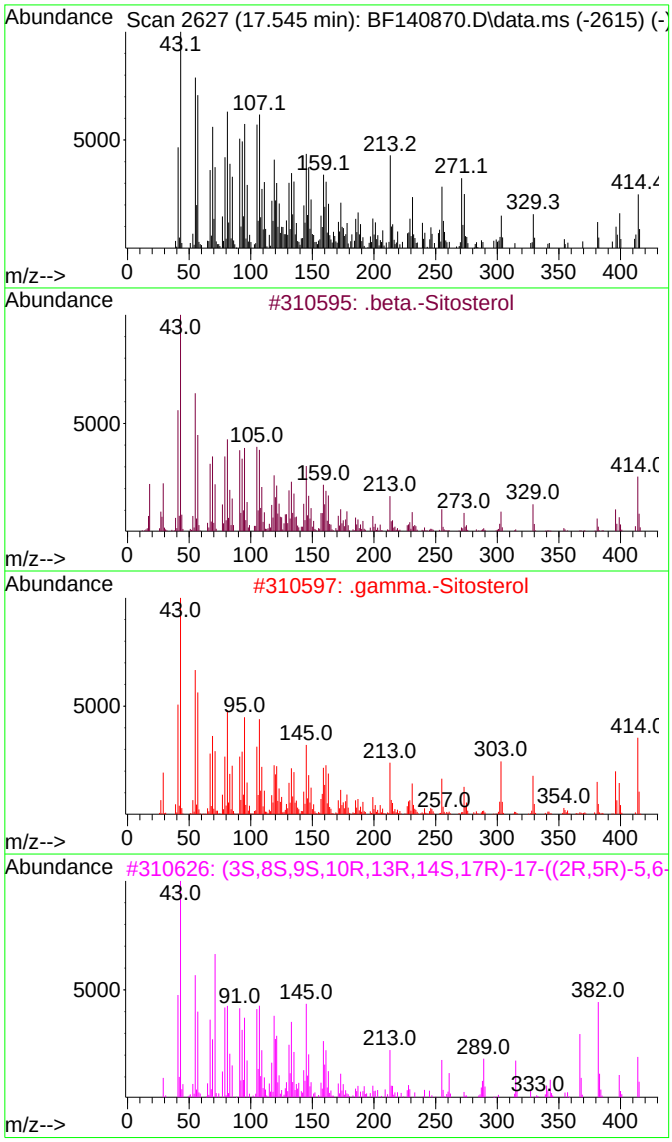
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

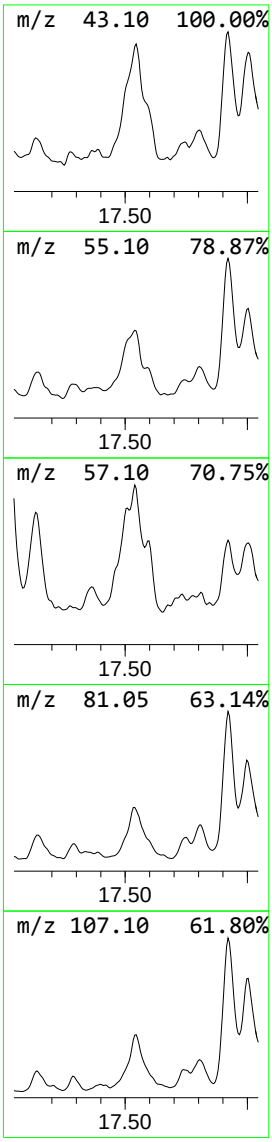
****

Peak Number 17 .beta.-Sitosterol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.545	20.64 ng	1127520	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	91
4	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	290299-12-6	62
5	Campesterol	400	C28H48O	000474-62-4	59





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Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

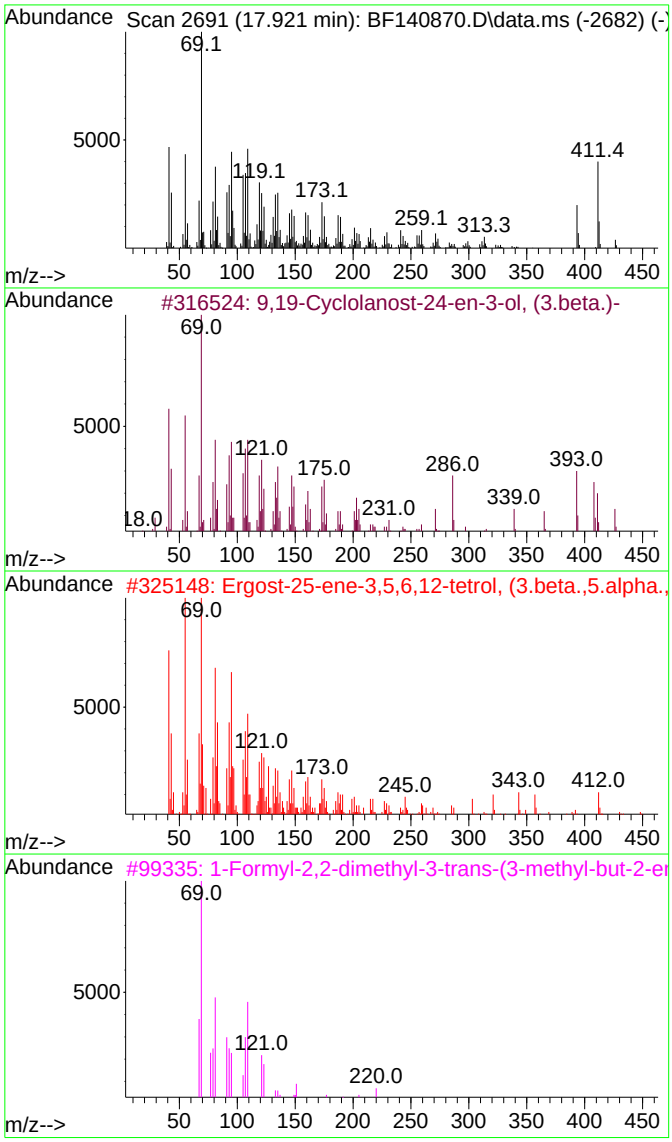
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

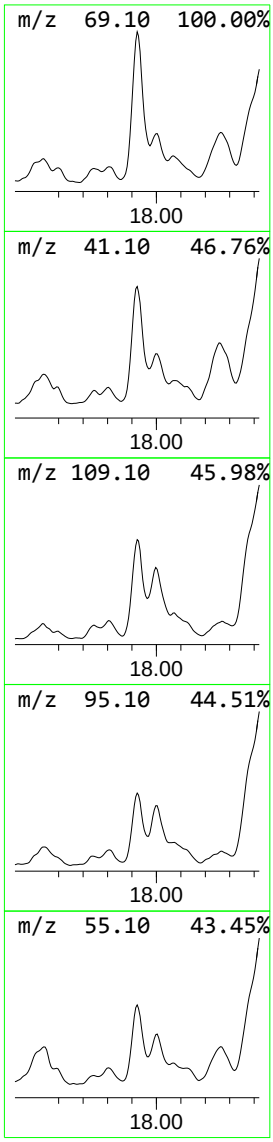
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,19-Cyclolanost-24-en-3-ol... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	31.47 ng	1719040	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	93
2	Ergost-25-ene-3,5,6,12-tetrol, (...	448	C28H48O4	056052-97-2	37
3	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	32
4	Friedelan-3-one	426	C30H50O	000559-74-0	25
5	(2,4-Dimethylcyclohexyl)methanol...	142	C9H18O	1000499-02-7	25





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

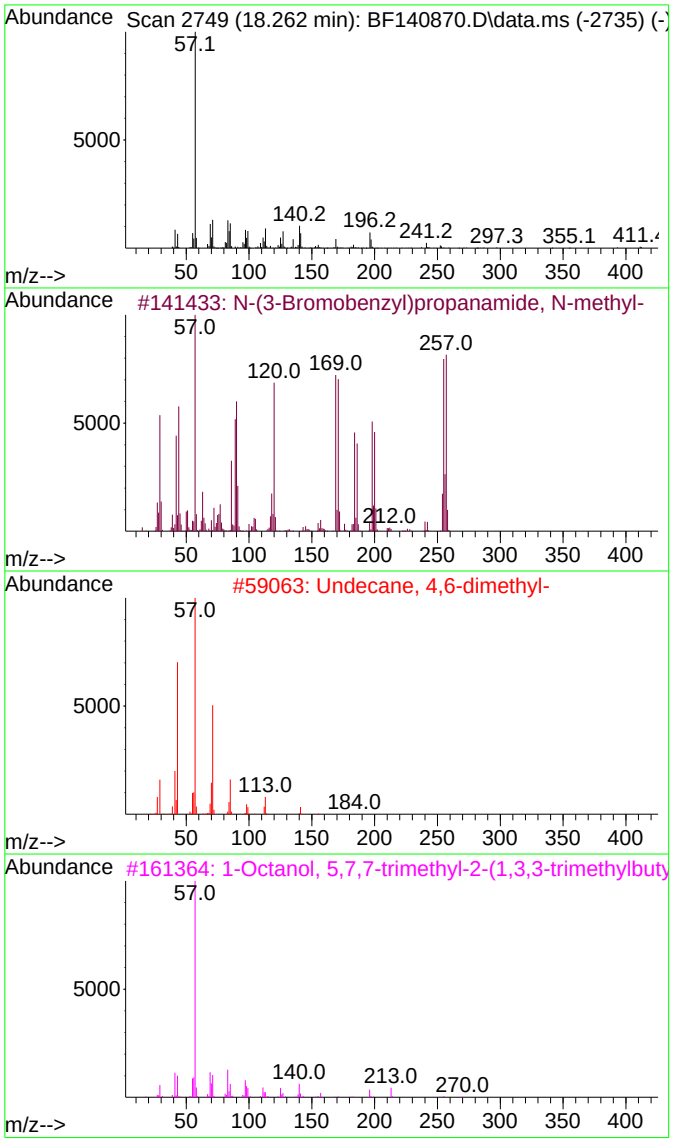
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

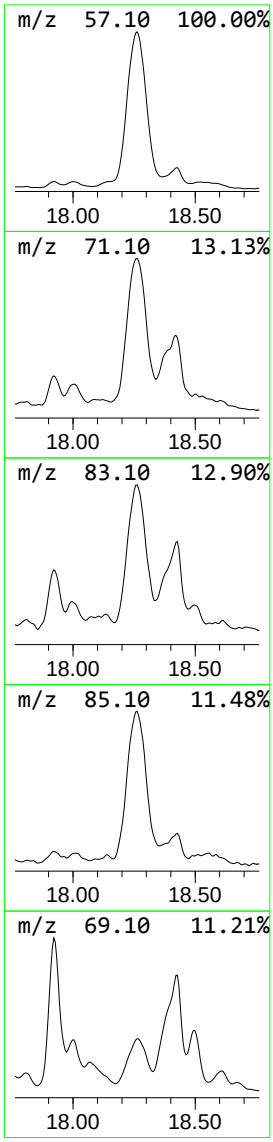
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 N-(3-Bromobenzyl)propanamid... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	31.19 ng	1703960	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(3-Bromobenzyl)propanamide, N-...	255	C11H14BrNO	1250900-80-1	93
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	46
3	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	43
4	4-Methylheneicosane	310	C22H46	025117-29-7	43
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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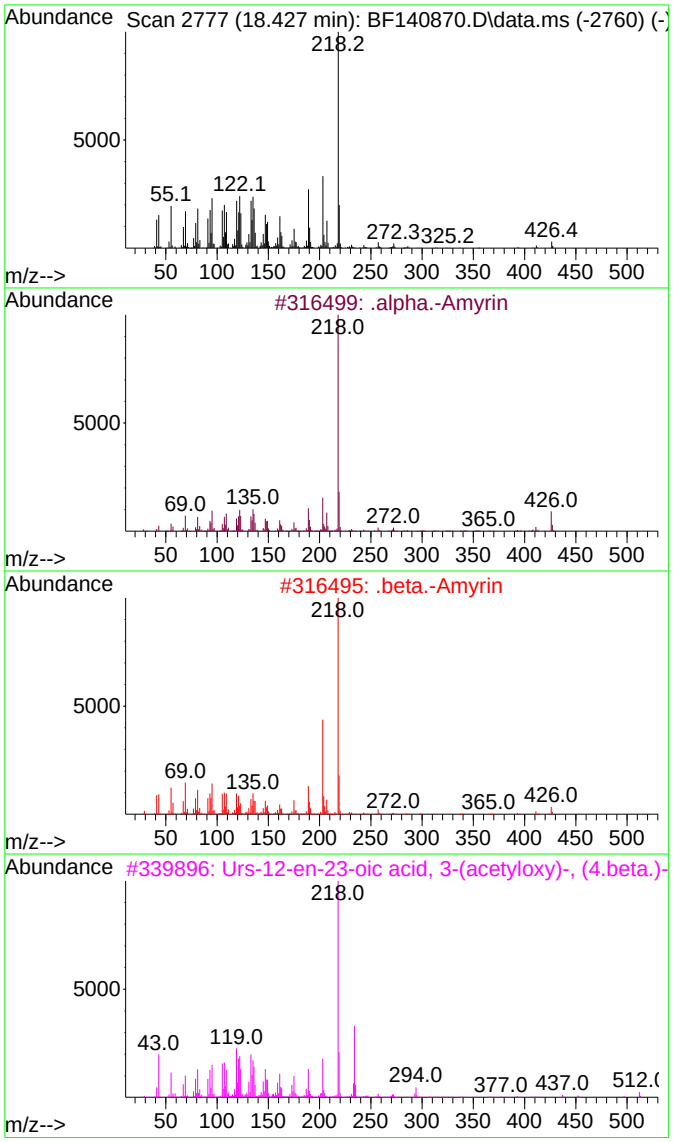
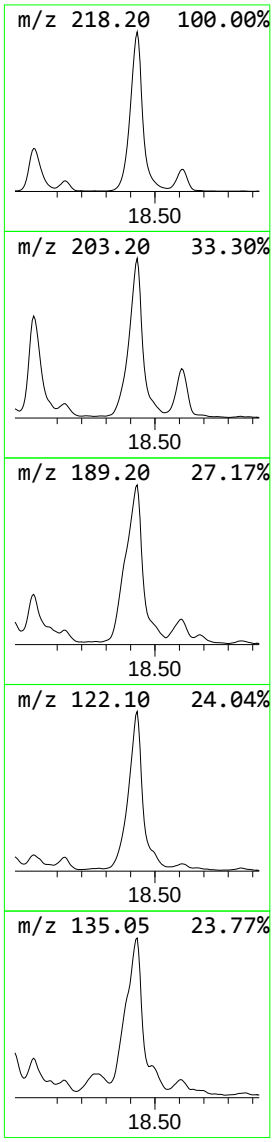
Peak Number 20 .alpha.-Amyrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	90.80 ng	4959800	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	98
2	.beta.-Amyrin	426	C30H50O	000559-70-6	92
3	Urs-12-en-23-oic acid, 3-(acetyl...	512	C33H52O4	1000505-76-4	87
4	Urs-12-en-3-ol, acetate, (3.beta.)-	468	C32H52O2	000863-76-3	76
5	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
Data File : BF140870.D
Acq On : 16 Dec 2024 19:45
Operator : RC/JU
Sample : P5192-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	31.0	ng	6545100	1	6.845	4220790	20.0
1-Hexanol, 2-et...	6.922	20.0	ng	4220790	1	6.845	4220790	20.0
Octanoic acid	8.069	20.0	ng	8742230	2	8.128	8742230	20.0
Hydrocinnamic acid	9.045	113.6	ng	8685400	3	9.886	1528990	20.0
2-Propenoic aci...	9.722	73.9	ng	5646660	3	9.886	1528990	20.0
Dodecanoic acid	10.275	553.8	ng	42333600	3	9.886	1528990	20.0
Tetradecanoic acid	11.157	20.0	ng	28589100	4	11.380	28589100	20.0
n-Hexadecanoic ...	11.980	13.4	ng	19225000	4	11.380	28589100	20.0
Hexadecanoic ac...	12.051	11.8	ng	16866000	4	11.380	28589100	20.0
(E)-9-Octadecen...	12.821	1881.0	ng	102745000	5	14.039	1092470	20.0
Octadecanoic ac...	12.874	110.2	ng	6020020	5	14.039	1092470	20.0
Isopropyl stearate	12.957	139.6	ng	7624740	5	14.039	1092470	20.0
9-Octadecenoic ...	13.104	28.4	ng	1553250	5	14.039	1092470	20.0
Heptadecanolide	13.439	62.5	ng	3416730	5	14.039	1092470	20.0
Eicosanoic acid...	13.510	82.5	ng	4505920	5	14.039	1092470	20.0
Heptadecyl hept...	13.857	20.0	ng	1092470	5	14.039	1092470	20.0
.beta.-Sitosterol	17.545	20.6	ng	1127520	6	15.509	1092470	20.0
9,19-Cyclolanos...	17.921	31.5	ng	1719040	6	15.509	1092470	20.0
N-(3-Bromobenzy...	18.262	31.2	ng	1703960	6	15.509	1092470	20.0
.alpha.-Amyrin	18.427	90.8	ng	4959800	6	15.509	1092470	20.0