LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 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-BF111522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	23	31	36	rBV	2116834	2772943	4.18%	0.797%
2	4.328	369	381	387	rBV	1283468	2070506	3.12%	0.595%
3	5.575	587	593	597	rBV	850233	785824	1.19%	0.226%
4	6.592	760	766	770	rBV2	447030	681841	1.03%	0.196%
5	6.722	770	788	791	rVB2	381790	1163811	1.76%	0.334%
6	6.975	827	831	835	rBV2	970642	1007018	1.52%	0.289%
7	7.057	838	845	848	rBV	5341626	8493853	12.81%	2.441%
8	7.539	923	927	930	rBV	1894137	1796633	2.71%	0.516%
9	7.722	935	958	960	rBV2	1520637	3616165	5.45%	1.039%
10	8.175	1008	1035	1042	rBV2	1708847	8079699	12.19%	2.322%
11	9.286	1199	1224	1227	rBV	2448906	9840776	14.84%	2.828%
12	9.345	1229	1234	1236	rVV	3103562	2735921	4.13%	0.786%
13	9.857	1314	1321	1324	rBV	1876487	1878557	2.83%	0.540%
14	10.027	1343	1350	1353	rVV	781623	766295	1.16%	0.220%
15	10.239	1380	1386	1387	rBV	799081	1041376	1.57%	0.299%
16	10.498	1387	1430	1431	rBV	8125880	66301202	100.00%	19.054%
17	10.822	1483	1485	1489	rVB	938348	726786	1.10%	0.209%
18	11.127	1523	1537	1539	rBV	10388514	38738773	58.43%	11.133%
19	11.151	1539	1541	1549	rVV	9995435	12082652	18.22%	3.472%
20	11.263	1549	1560	1562	rVV	4838021	12845668	19.37%	3.692%
21	11.280	1562	1563	1574	rVV	1134470	2361222	3.56%	0.679%
22	11.427	1584	1588	1603	rVV	1136324	3013023	4.54%	0.866%
23	12.021	1679	1689	1692	rBV2	287572	778573	1.17%	0.224%
24	12.110	1692	1704	1706	rVV	4450593	11496374	17.34%	3.304%
25	12.133	1706	1708	1715	rVV	1995963	2228451	3.36%	0.640%
26	12.204	1715	1720	1723	rVV	4198287	3845624	5.80%	1.105%
27	12.310	1735	1738	1744	rVB	1140362	962695	1.45%	0.277%
28	12.645	1787	1795	1797	rBV2	5429225	7809819	11.78%	2.244%
29	12.727	1805	1809	1817	rVB	4744343	5564637	8.39%	1.599%
30	12.868	1817	1833	1835	rVV2	6983005	19507111	29.42%	5.606%
31	12.933	1835	1844	1849	rVV7	9549253	29178090	44.01%	8.386%
32	13.021	1849	1859	1863	rVV4	9516076	27626943	41.67%	7.940%
33	13.092	1867	1871	1876	rVV2	6684236	7845042	11.83%	2.255%
34	13.145	1876	1880	1886	rVB	1084045	1841252	2.78%	0.529%
35	13.363	1914	1917	1919	rBV	767008	821712	1.24%	0.236%
36	13.392	1919	1922	1928	rVV	663730	1098545	1.66%	0.316%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 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-BF111522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.451	1928	1932	1935	rVV	4387815	4575381	6.90%	1.315%
38	13.498	1935	1940	1942	rVV2	425513	774600	1.17%	0.223%
39	13.598	1951	1957	1967	rVB2	2039865	3425303	5.17%	0.984%
40	13.680	1967	1971	1973	rBV	2285001	2013221	3.04%	0.579%
41	13.810	1989	1993	1995	rVV	4368560	3947418	5.95%	1.134%
42	14.033	2028	2031	2039	rVB	1920735	1773043	2.67%	0.510%
43	14.151	2046	2051	2054	rVV	3398858	3317380	5.00%	0.953%
44	14.604	2122	2128	2131	rBV	5615564	6839817	10.32%	1.966%
45	14.668	2134	2139	2143	rVB	3822234	3813227	5.75%	1.096%
46	14.733	2143	2150	2156	rBV	1147209	1548135	2.34%	0.445%
47	15.404	2260	2264	2285	rVB	2228385	4501941	6.79%	1.294%
48	15.733	2315	2320	2334	rVB2	432388	676855	1.02%	0.195%
49	16.756	2485	2494	2511	rVB	2375354	4702595	7.09%	1.351%
50	18.145	2721	2730	2739	rVB3	1015299	2644325	3.99%	0.760%

Sum of corrected areas: 347958653

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
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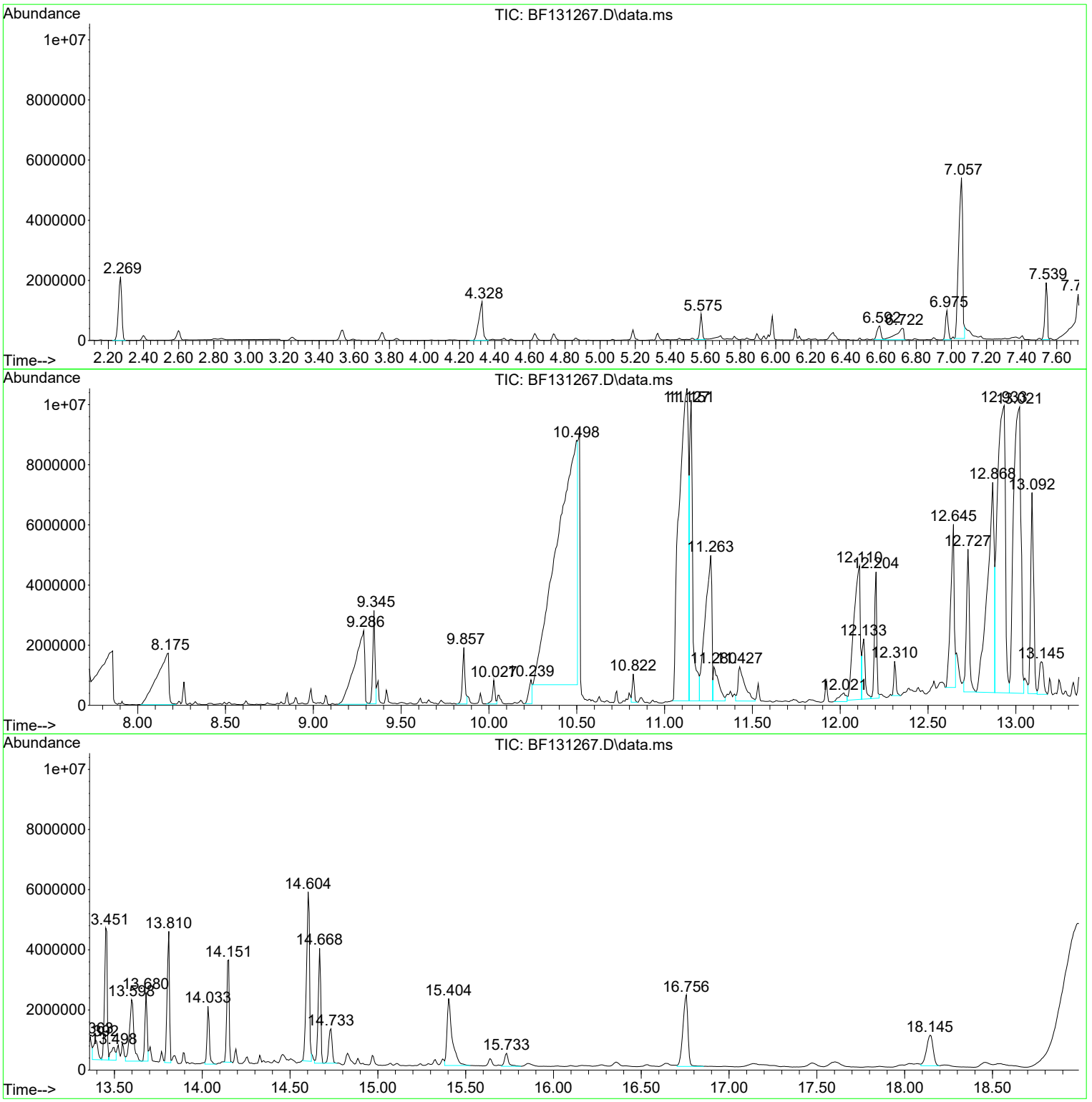
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

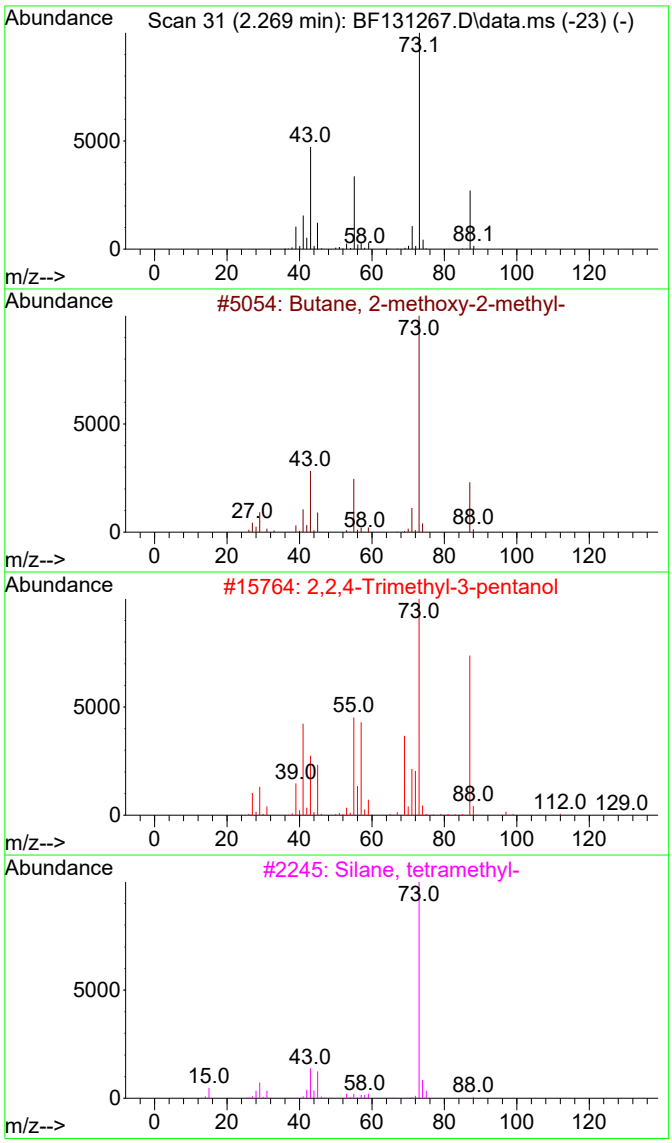
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

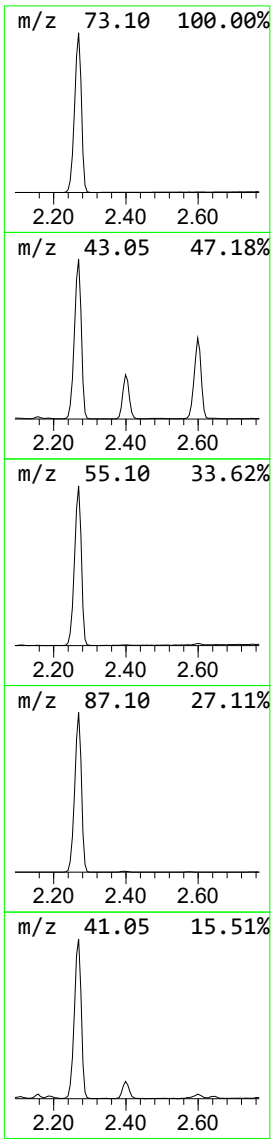
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	55.07 ng	2772940	1,4-Dichlorobenzene-d4	6.975

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

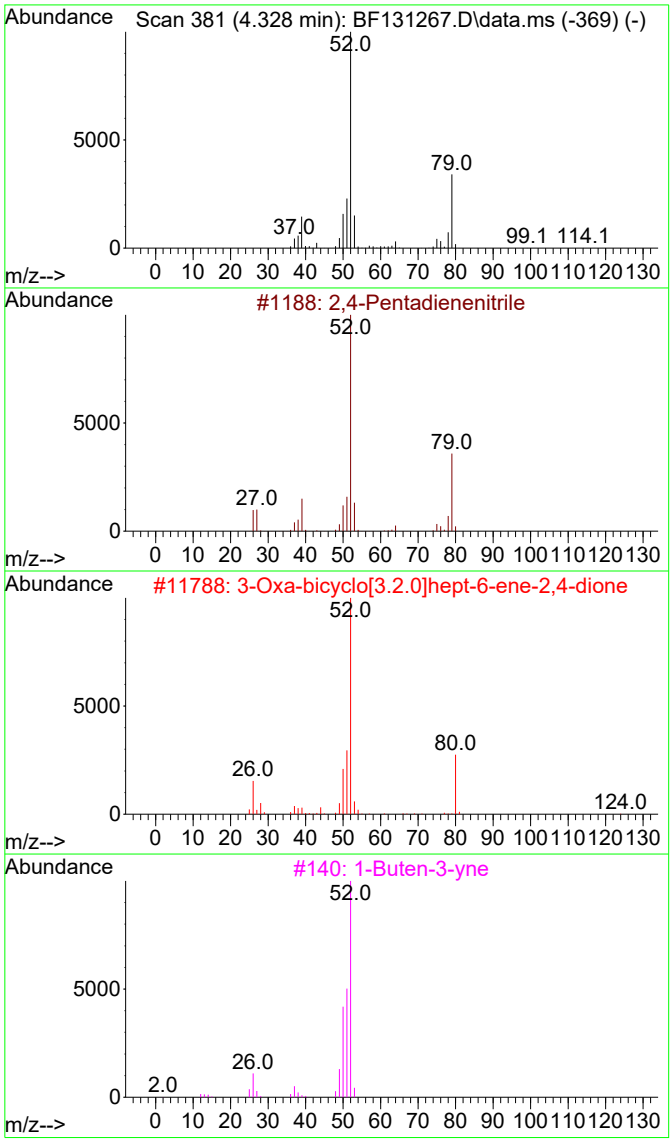
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

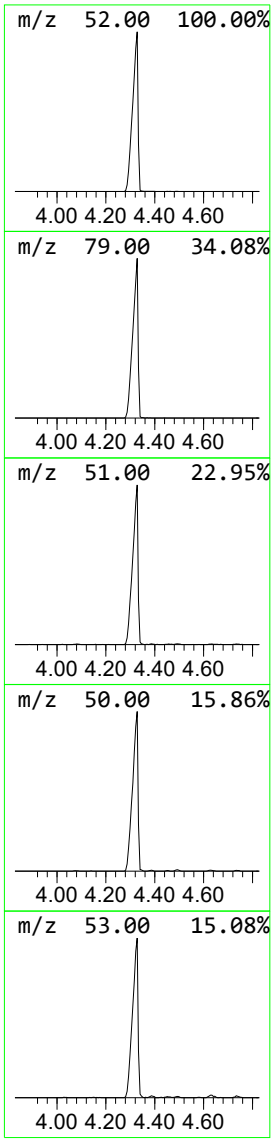
****

Peak Number 2 2,4-Pentadienenitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.328	41.12 ng	2070510	1,4-Dichlorobenzene-d4	6.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Pentadienenitrile	79	C5H5N	001615-70-9	91
2	3-Oxa-bicyclo[3.2.0]hept-6-ene-2...	124	C6H4O3	113647-99-7	78
3	1-Buten-3-yne	52	C4H4	000689-97-4	5
4	Cyanogen	52	C2N2	000460-19-5	4
5	Difluoromethane	52	CH2F2	000075-10-5	1





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

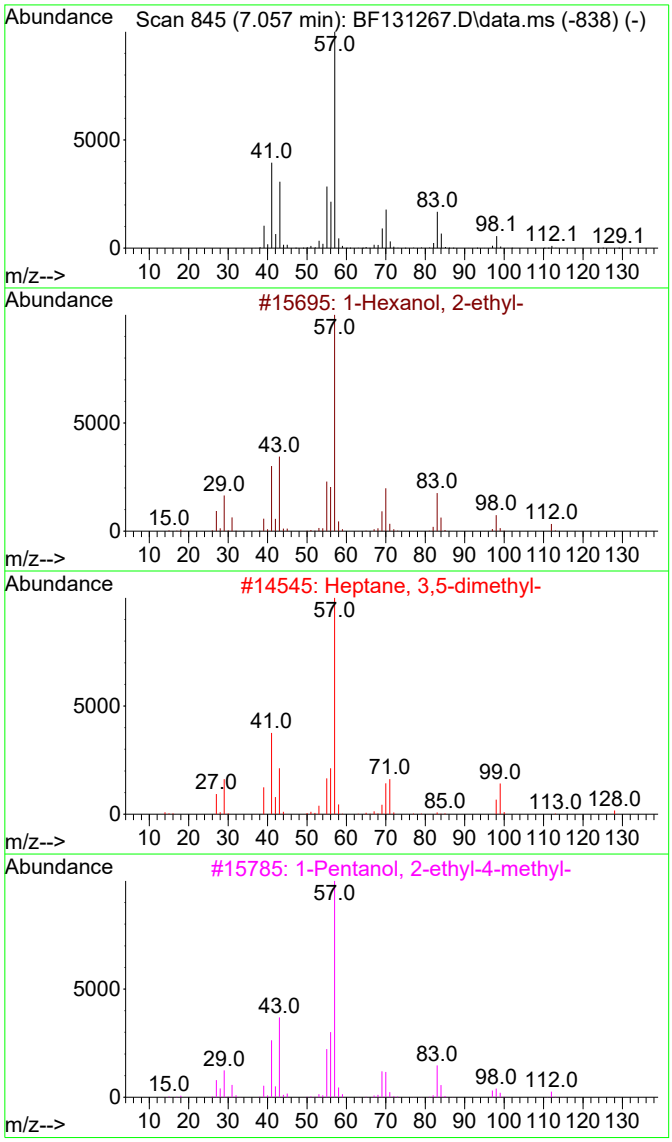
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

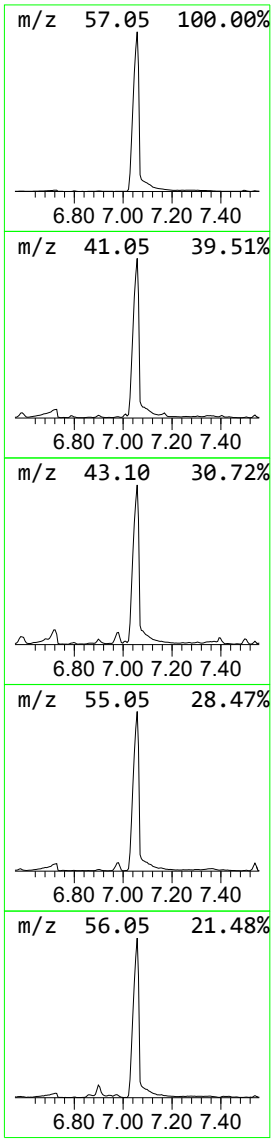
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	168.69 ng	8493850	1,4-Dichlorobenzene-d4	6.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

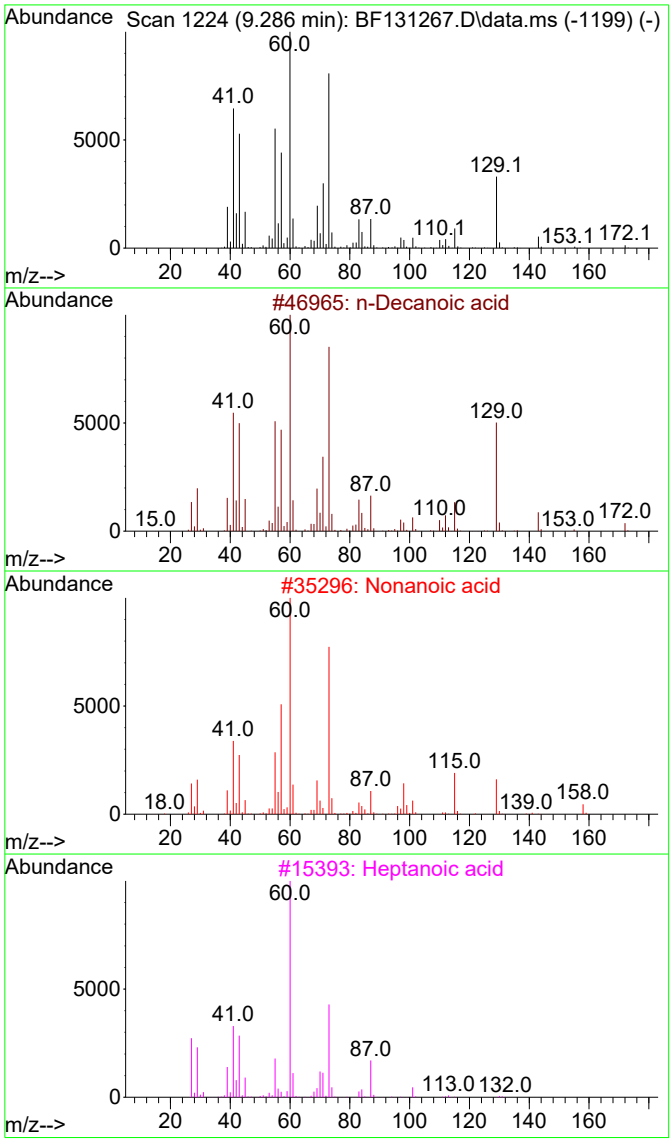
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

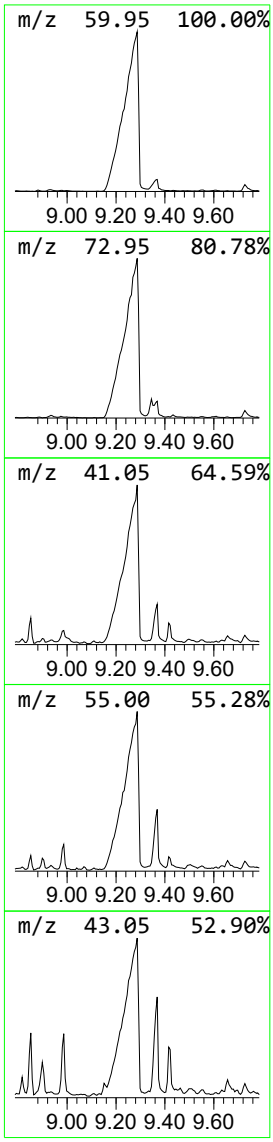
****

Peak Number 4 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.286	256.84 ng	9840780	Acenaphthene-d10	10.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	97
2	Nonanoic acid	158	C9H18O2	000112-05-0	53
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	47
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

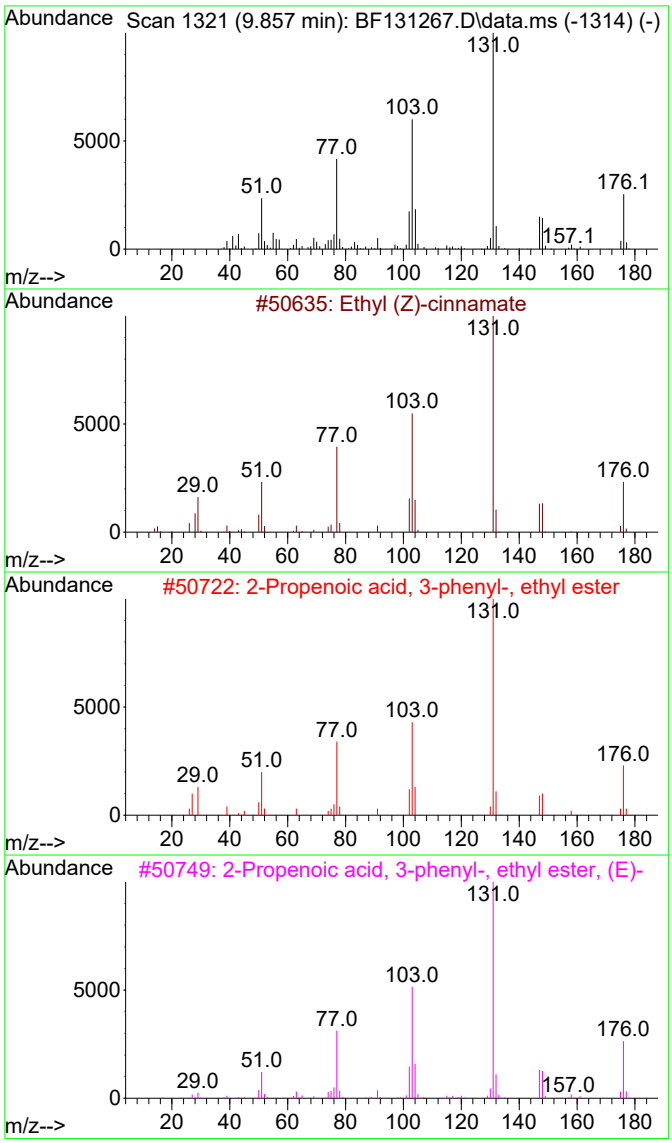
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

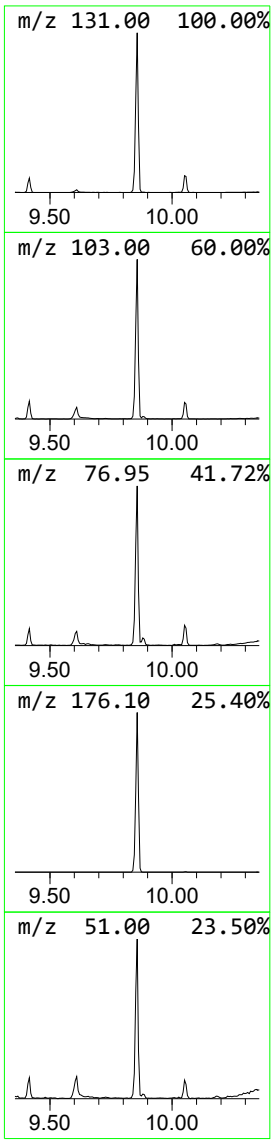
****

Peak Number 5 Ethyl (Z)-cinnamate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	49.03 ng	1878560	Acenaphthene-d10	10.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl (Z)-cinnamate	176	C11H12O2	004610-69-9	98
2	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	98
3	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	97
4	3-Butenoic acid, 2-oxo-4-phenyl-	176	C10H8O3	1000142-21-0	80
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

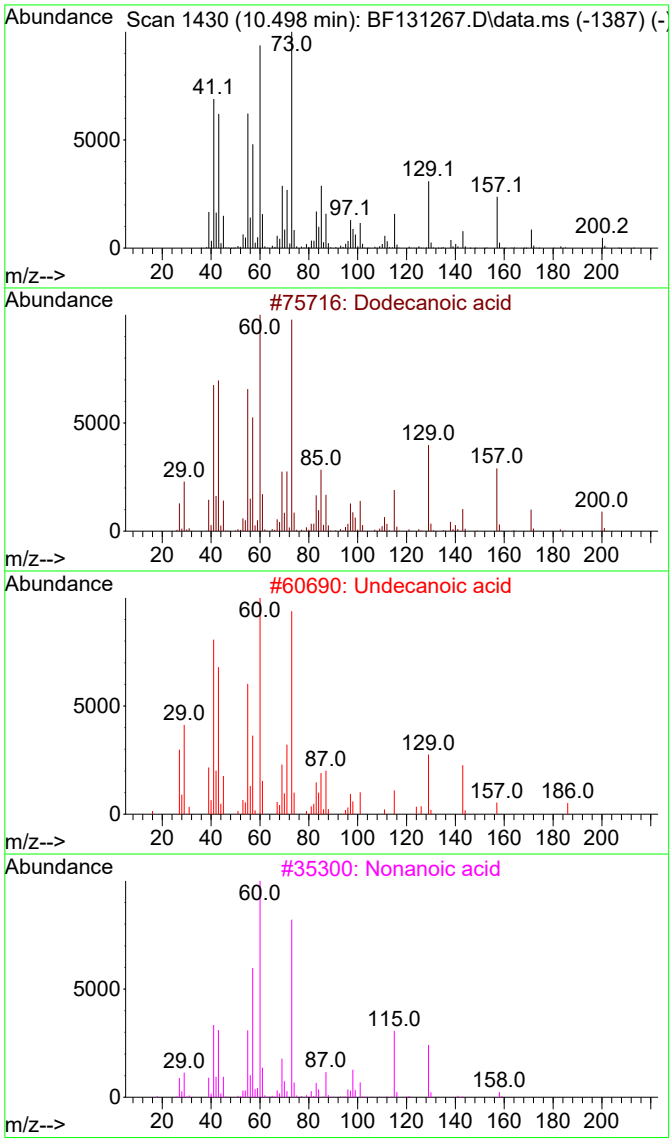
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

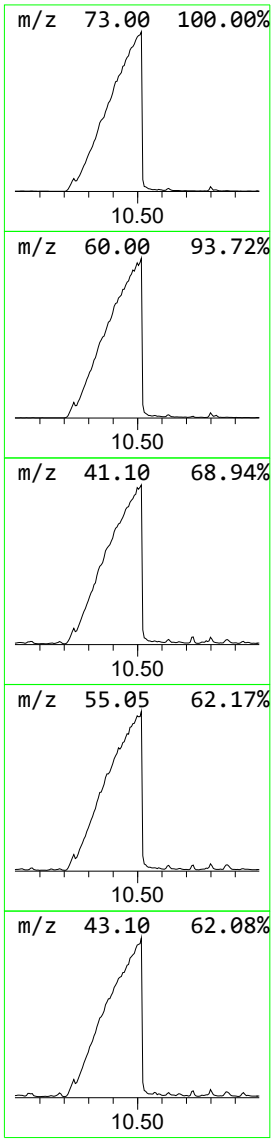
****

Peak Number 6 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	1730.44 ng	66301200	Acenaphthene-d10	10.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Nonanoic acid	158	C9H18O2	000112-05-0	49
4	Octanoic acid	144	C8H16O2	000124-07-2	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

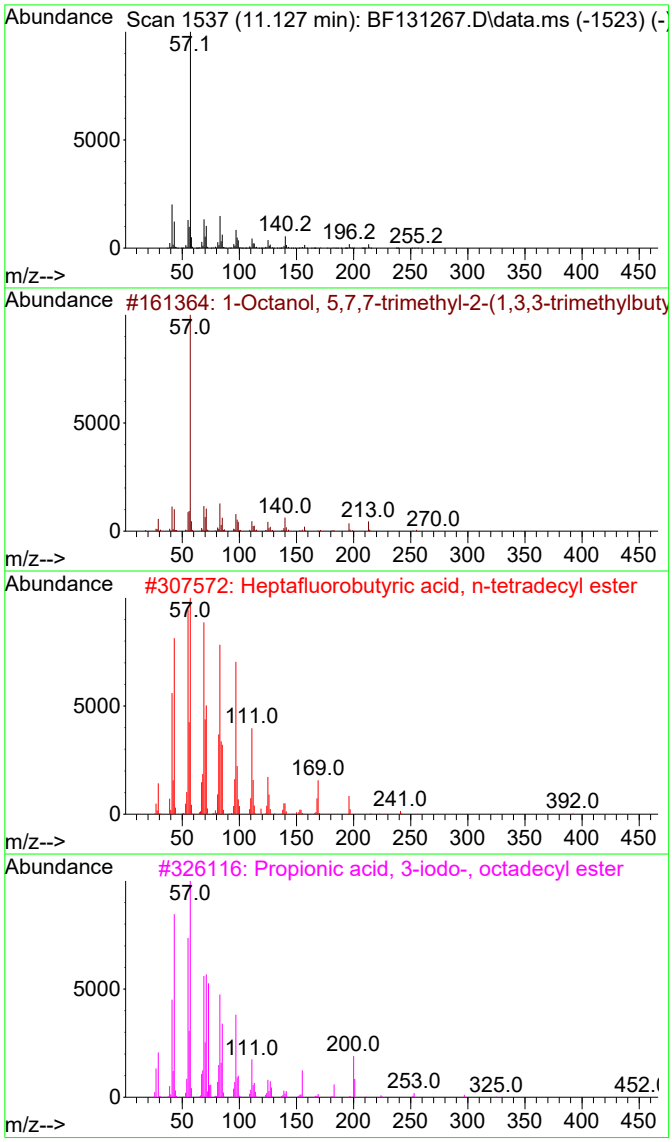
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

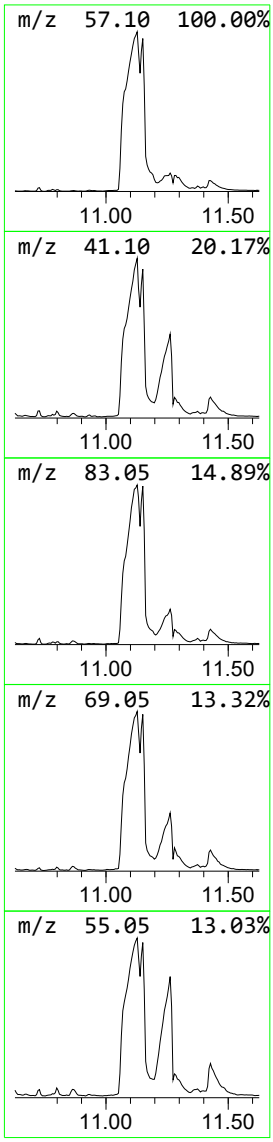
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	257.14 ng	38738800	Phenanthrene-d10	11.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	90
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	53
3	Propionic acid, 3-iodo-, octadec...	452	C21H41IO2	1000406-24-9	50
4	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	50
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

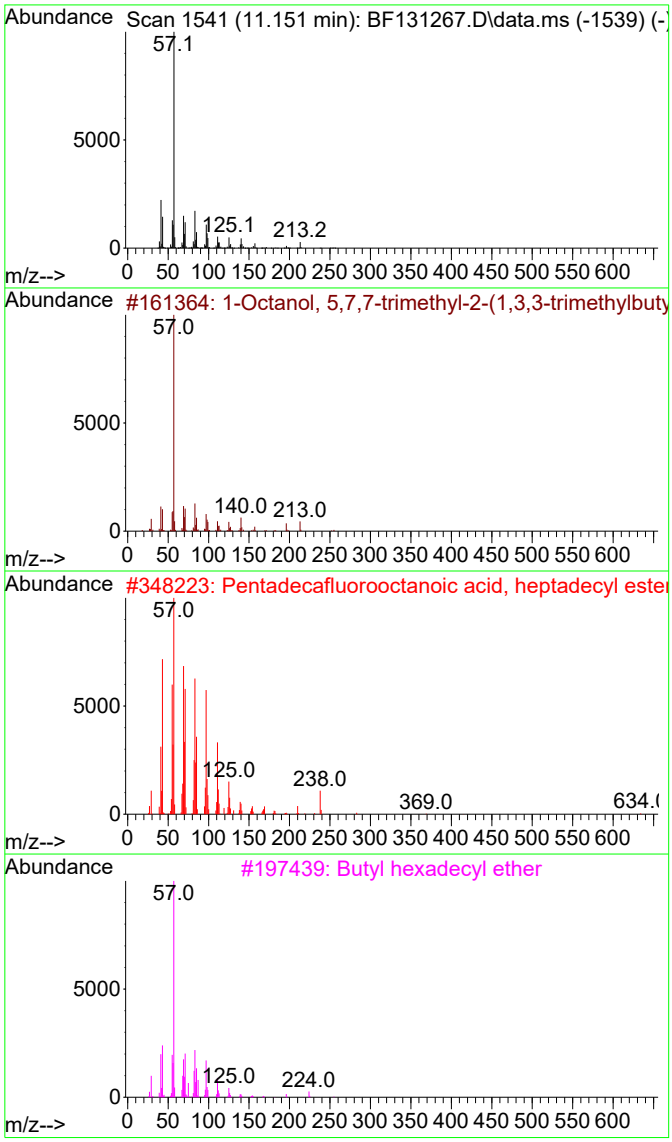
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

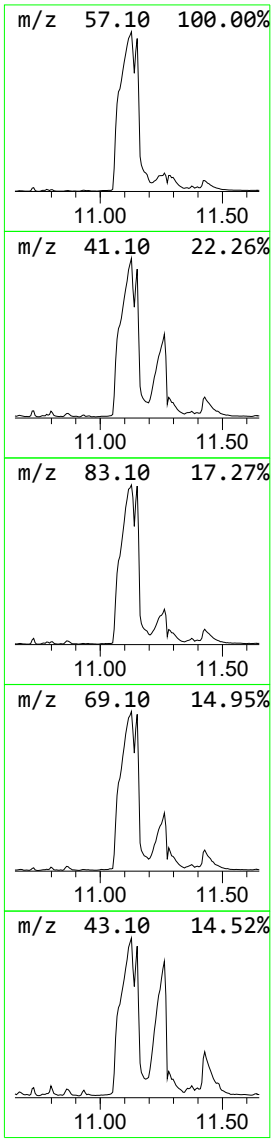
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentadecafluorooctanoic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.151	80.20 ng	12082700	Phenanthrene-d10	11.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	72
2	Pentadecafluorooctanoic acid, he...	652	C25H35F15O2	1000406-04-7	50
3	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	50
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	47
5	Butyl dotriacontyl ether	523	C36H74O	1000406-41-3	47





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Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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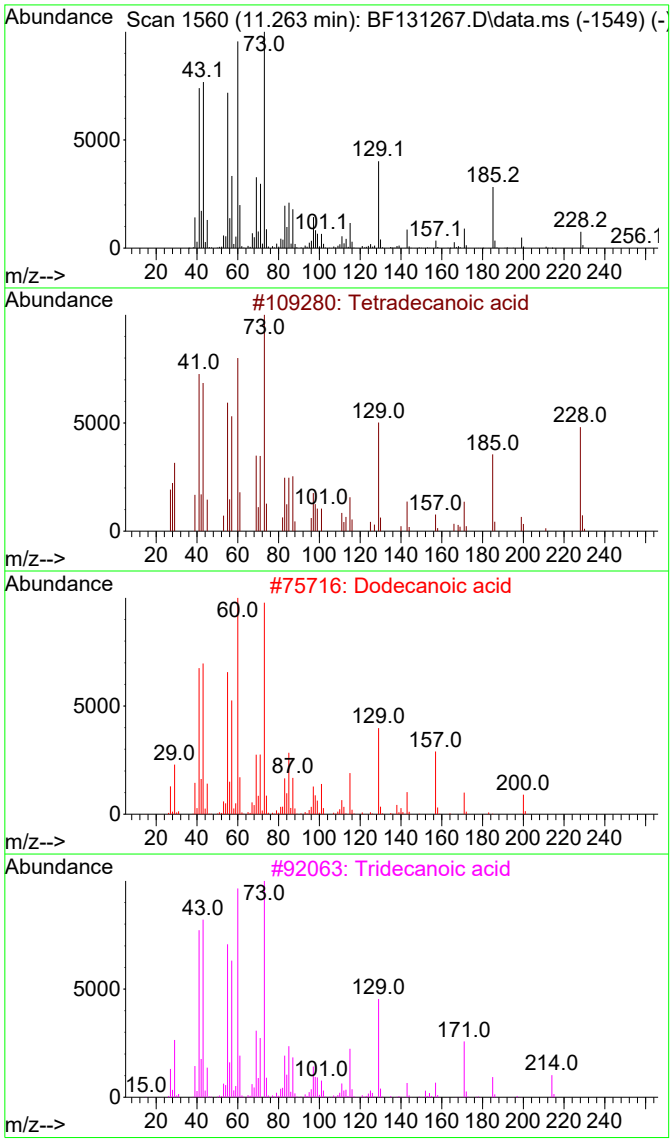
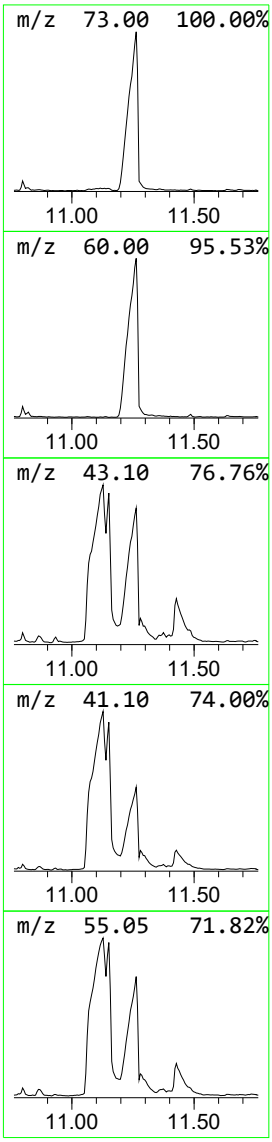
Peak Number 9 Tetradecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	85.27 ng	12845700	Phenanthrene-d10	11.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Dodecanoic acid	200	C12H24O2	000143-07-7	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Undecanoic acid	186	C11H22O2	000112-37-8	70





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Misc :
ALS Vial : 15 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

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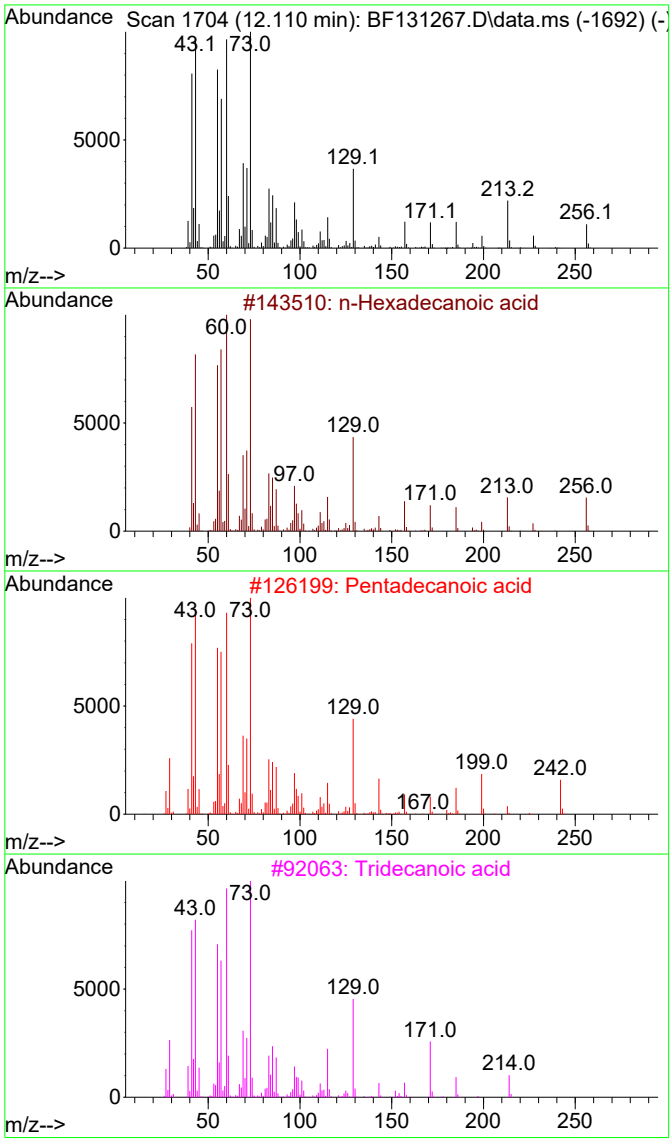
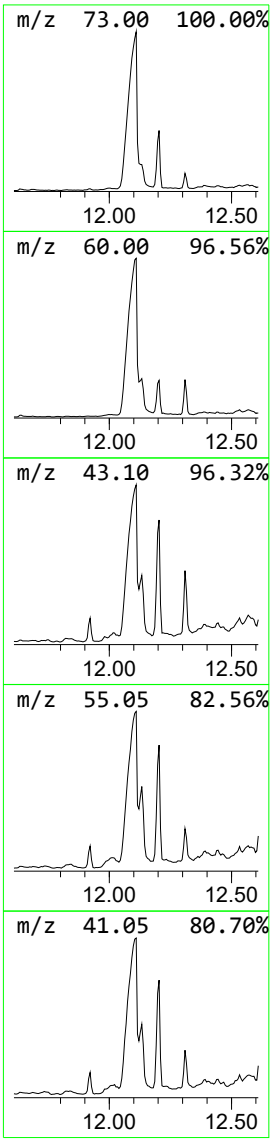
Peak Number 10 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	76.31 ng	11496400	Phenanthrene-d10	11.533

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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Misc :
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Instrument :
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ClientSampleId :
EFF-WASTE-WATER

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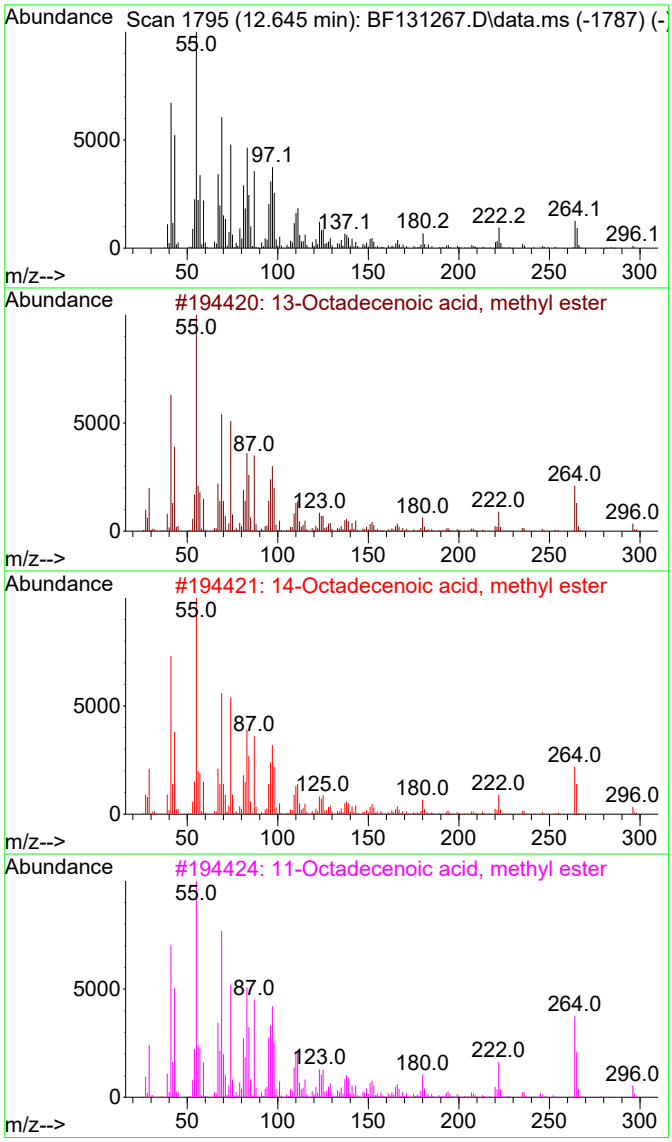
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

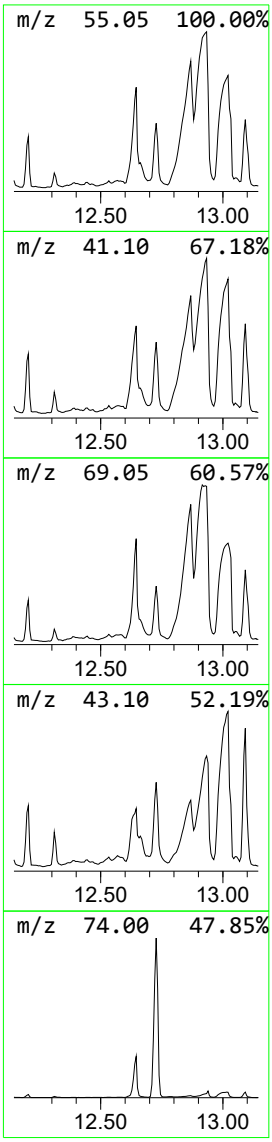
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 13-Octadecenoic acid, methy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	51.84 ng	7809820	Phenanthrene-d10	11.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94





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Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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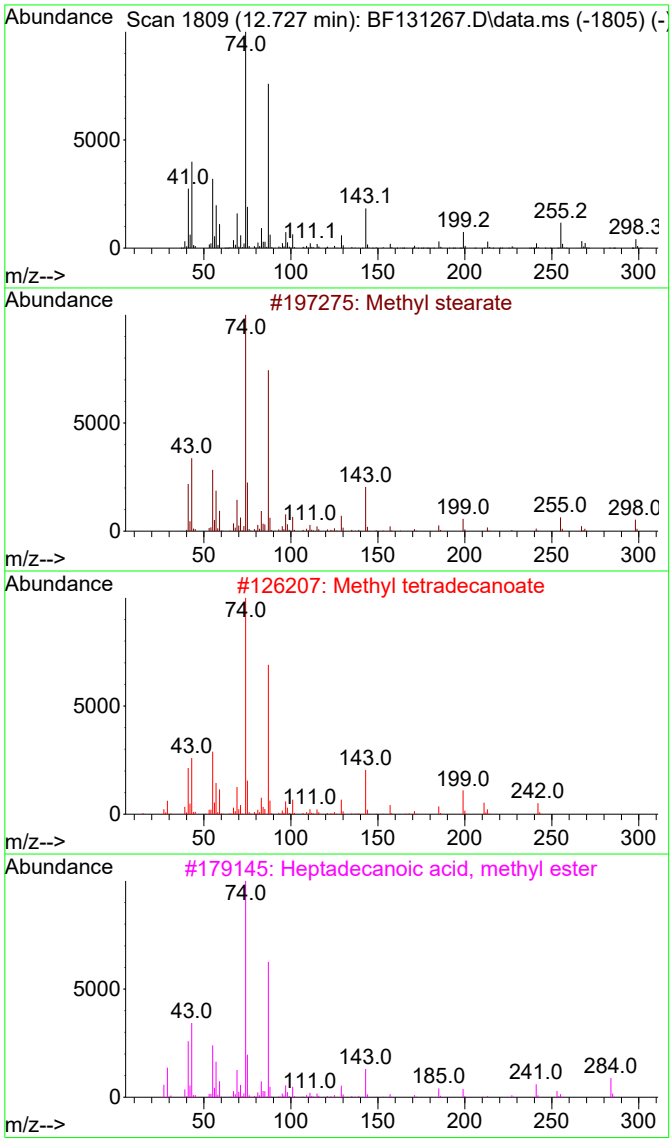
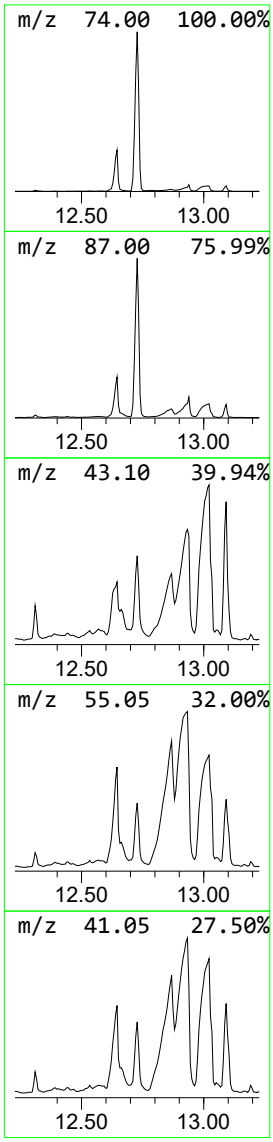
Peak Number 12 Methyl stearate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	36.94 ng	5564640	Phenanthrene-d10	11.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87





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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

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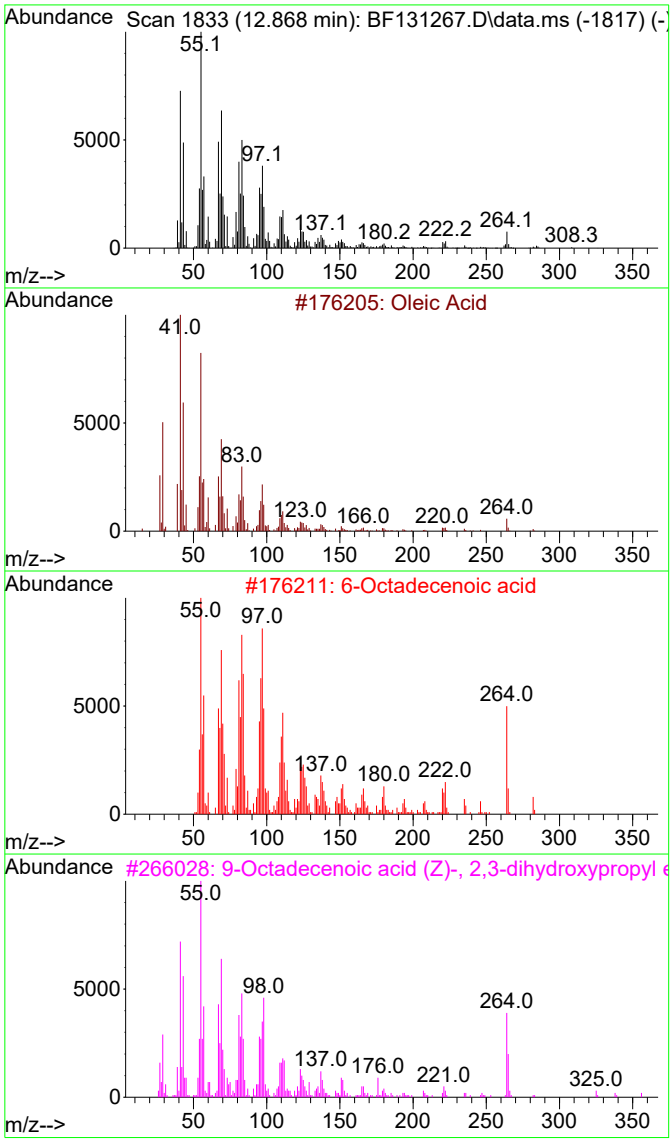
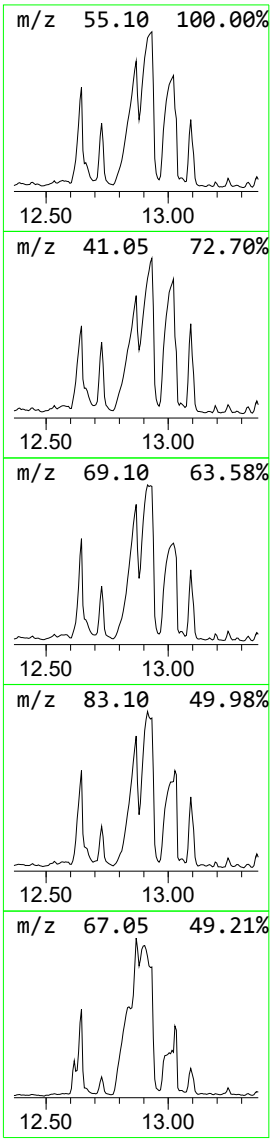
Peak Number 13 Oleic Acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.868	117.61 ng	19507100	Chrysene-d12	14.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	98
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	91
3	9-Octadecenoic acid (Z)-, 2,3-di...	356	C21H40O4	000111-03-5	87
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	81
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	81





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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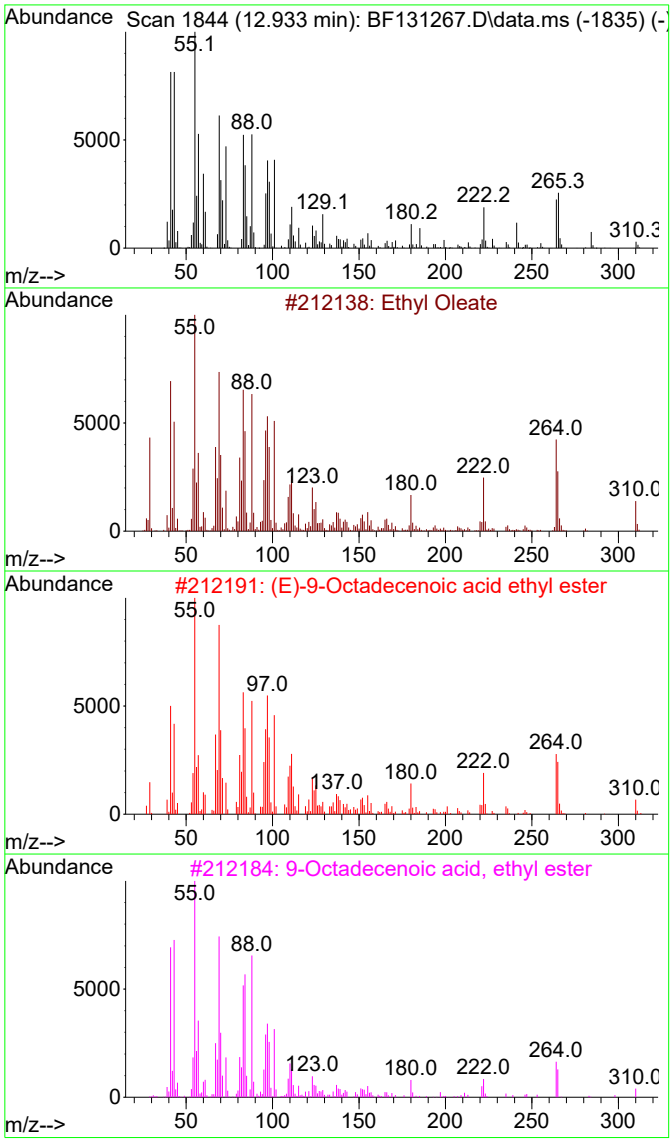
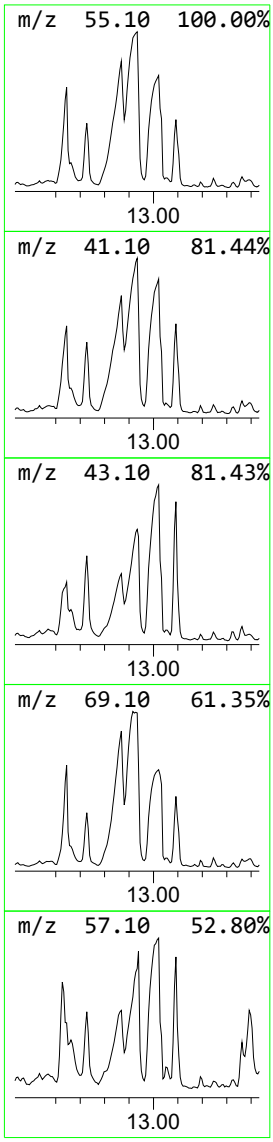
Peak Number 14 Ethyl Oleate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.933	175.91 ng	29178100	Chrysene-d12	14.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Oleate	310	C20H38O2	000111-62-6	83
2	(E)-9-Octadecenoic acid ethyl ester	310	C20H38O2	006114-18-7	72
3	9-Octadecenoic acid, ethyl ester	310	C20H38O2	006512-99-8	70
4	trans-9-Octadecenoic acid, penty...	352	C23H44O2	1000405-19-1	45
5	9-Nonadecene	266	C19H38	031035-07-1	35





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Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

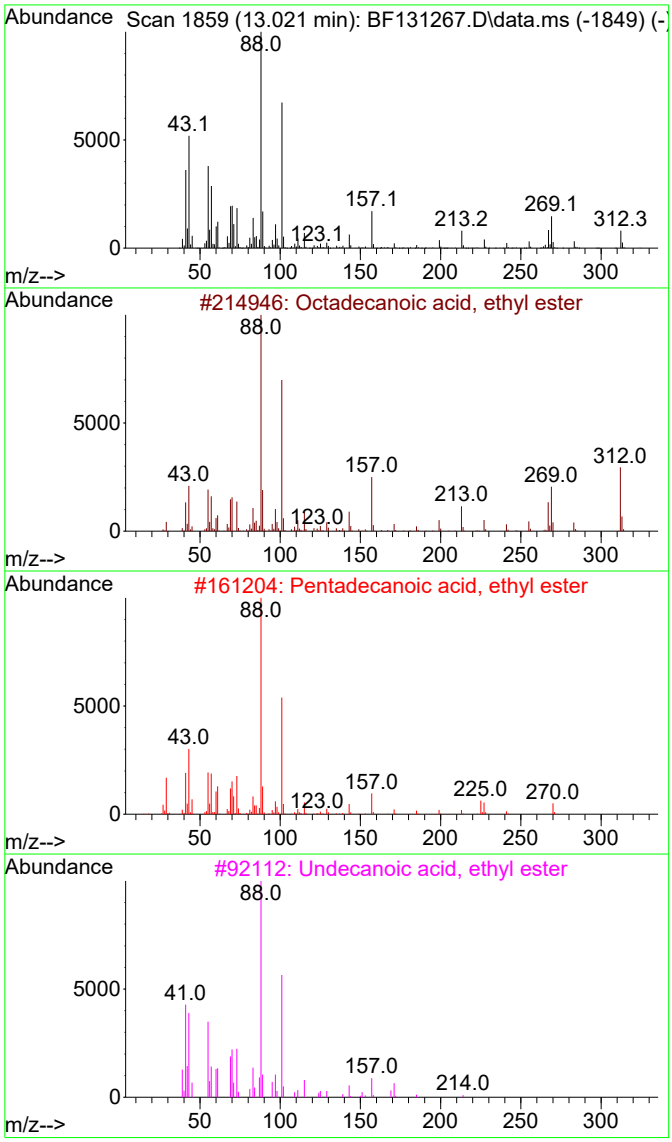
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

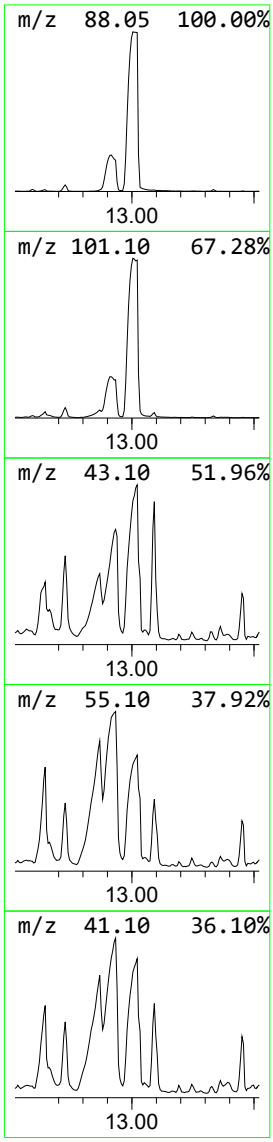
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Octadecanoic acid, ethyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.021	166.56 ng	27626900	Chrysene-d12	14.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	98
2	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	94
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	93
4	Heptadecanoic acid, 15-methyl-, ...	312	C20H40O2	057274-46-1	89
5	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	87





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Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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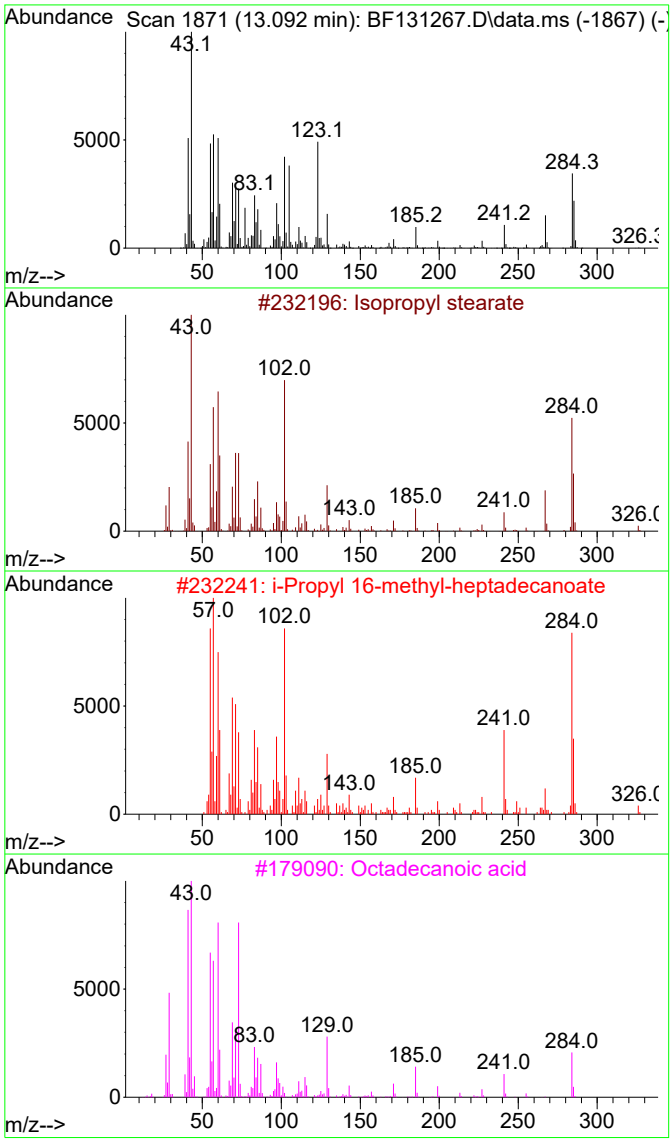
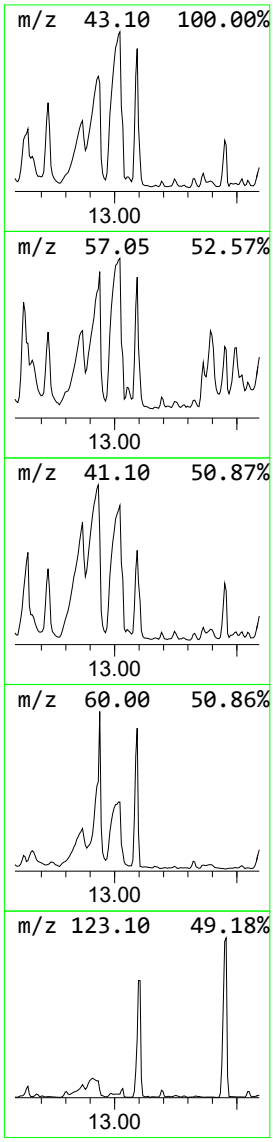
Peak Number 16 Isopropyl stearate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.092	47.30 ng	7845040	Chrysene-d12	14.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	70
2	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	47
4	8-Methylnonanoic acid, isopropyl...	214	C13H26O2	1000452-00-6	27
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	22





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Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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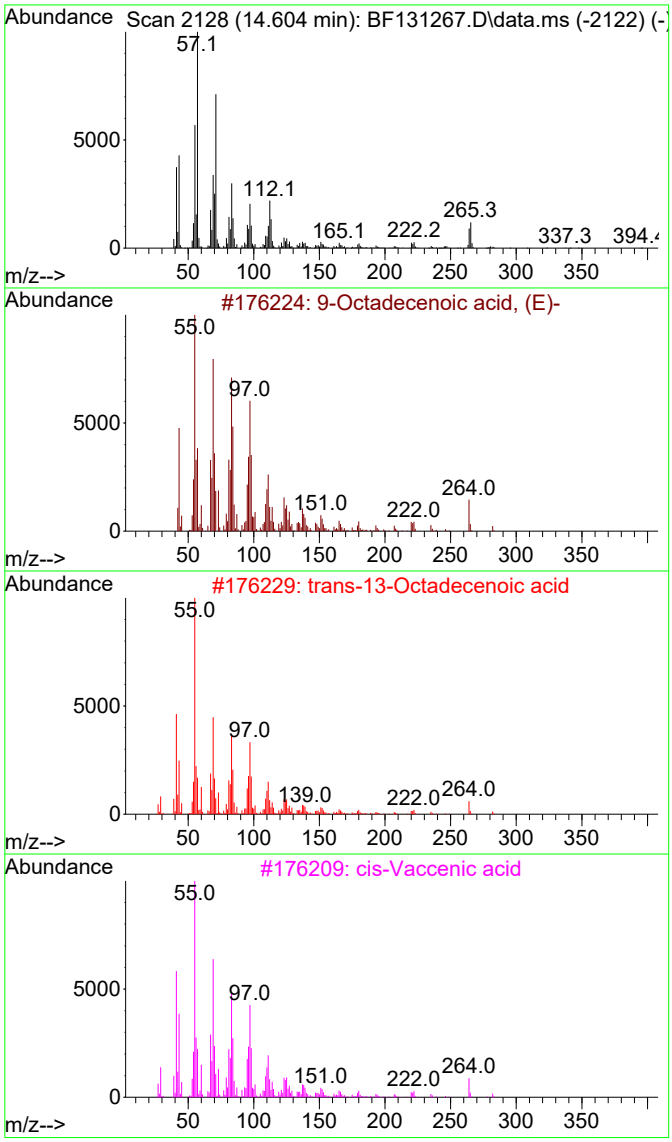
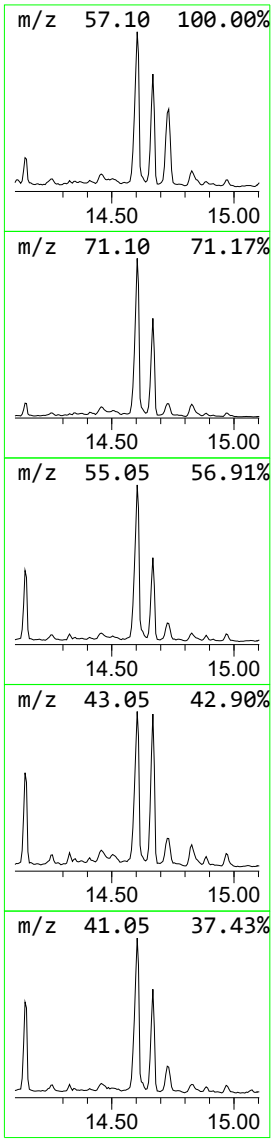
Peak Number 17 9-Octadecenoic acid, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.604	41.24 ng	6839820	Chrysene-d12	14.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
2	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	80
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	56
4	Oleic Acid	282	C18H34O2	000112-80-1	55
5	2-Undecanol oleate	436	C29H56O2	1000465-66-9	49





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Misc :
ALS Vial : 15 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

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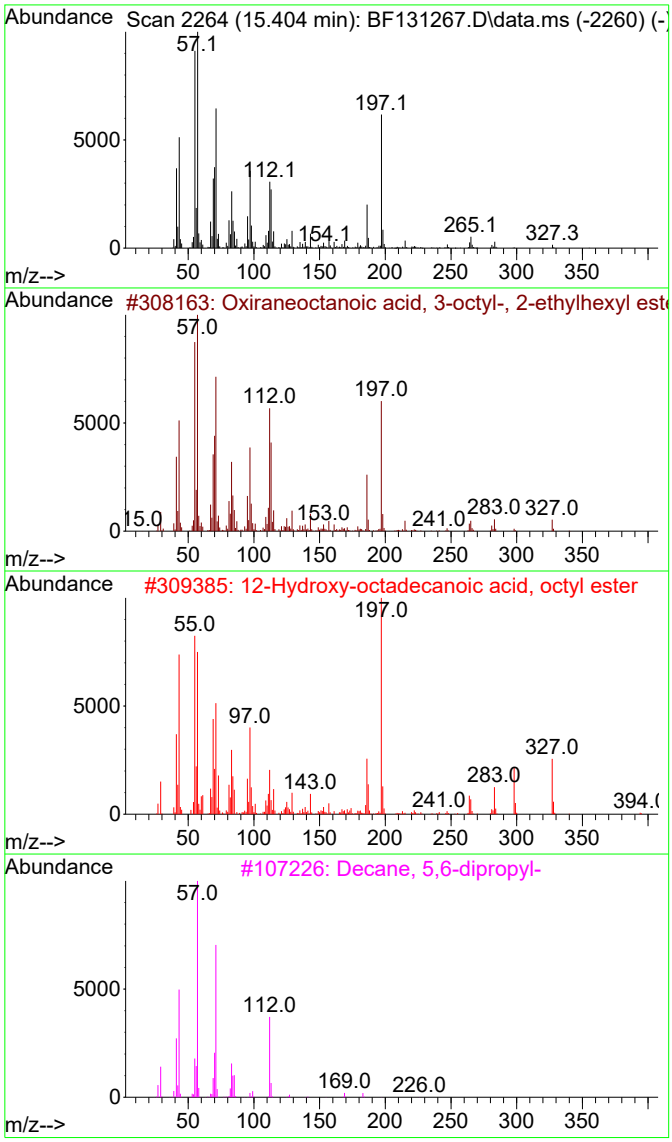
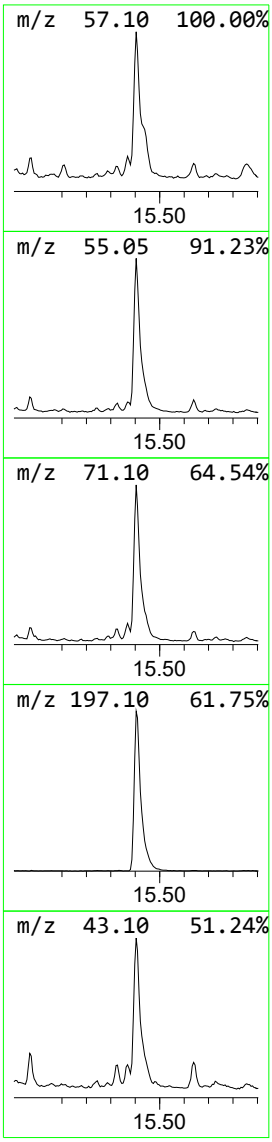
Peak Number 18 Oxiraneoctanoic acid, 3-oct... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	133.03 ng	4501940	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	87
2	12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	62
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	38
4	Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	38
5	Carbonic acid, 2-ethylhexyl pent...	384	C24H48O3	1000383-14-2	30





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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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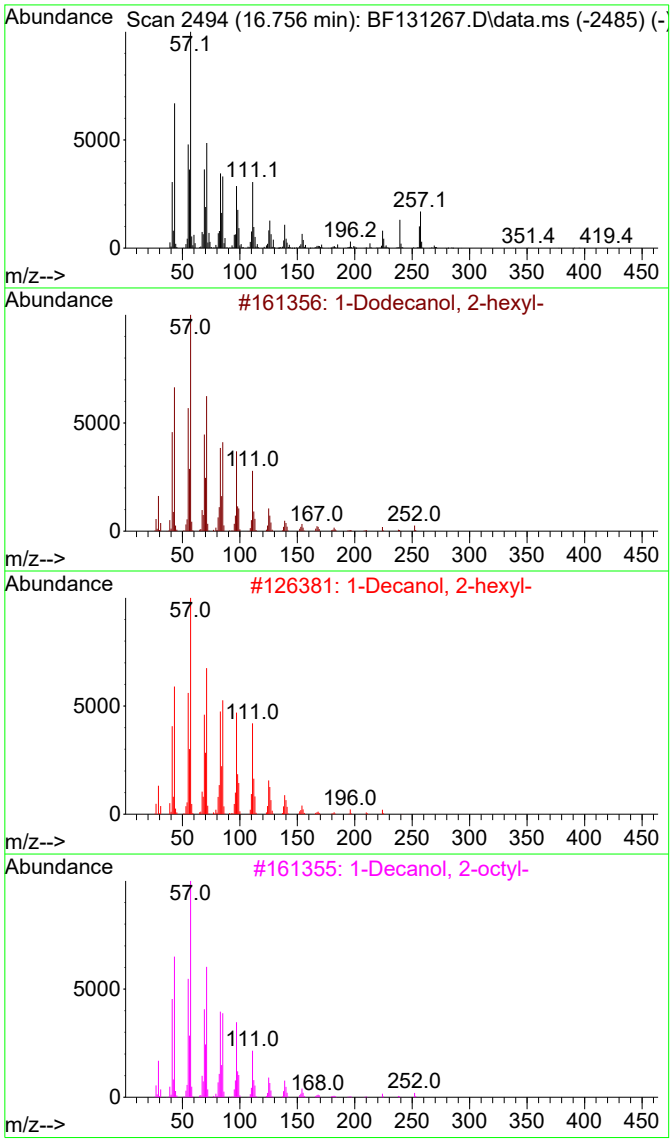
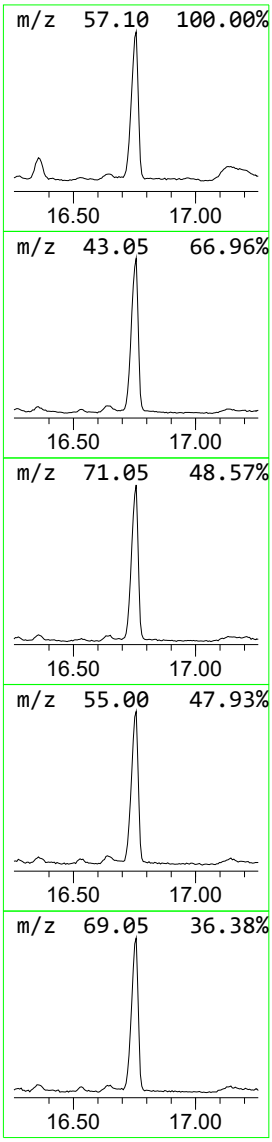
Peak Number 19 1-Dodecanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	138.95 ng	4702600	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	70
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	62
4	2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	60
5	2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	60





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

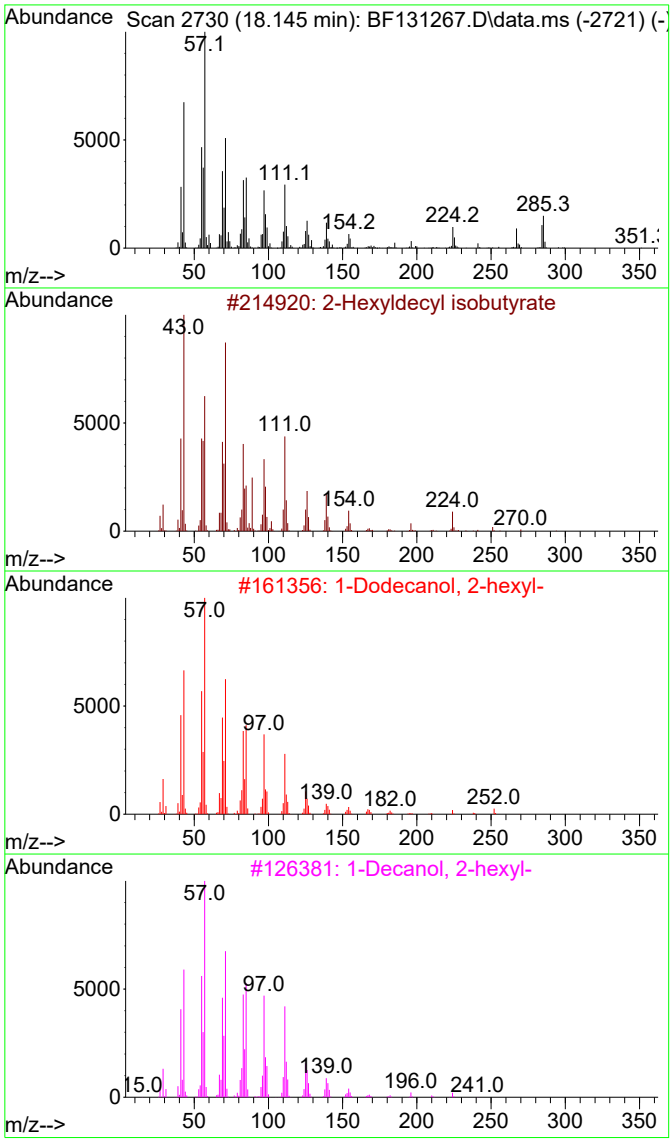
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

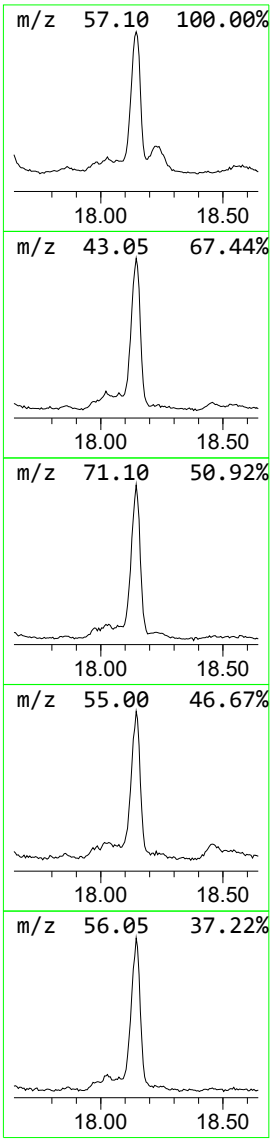
****

Peak Number 20 2-Hexyldecyl isobutyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	78.14 ng	2644330	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	76
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	70
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	70
4	2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	60
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131267.D
Acq On : 16 Nov 2022 16:13
Operator : CG\JU
Sample : N5609-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.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...	2.269	55.1	ng	2772940	1	6.975	1007020	20.0
2,4-Pentadienen...	4.328	41.1	ng	2070510	1	6.975	1007020	20.0
1-Hexanol, 2-et...	7.057	168.7	ng	8493850	1	6.975	1007020	20.0
n-Decanoic acid	9.286	256.8	ng	9840780	3	10.028	766295	20.0
Ethyl (Z)-cinna...	9.857	49.0	ng	1878560	3	10.028	766295	20.0
Dodecanoic acid	10.498	1730.4	ng	66301200	3	10.028	766295	20.0
1-Octanol, 5,7,...	11.127	257.1	ng	38738800	4	11.533	3013020	20.0
Pentadecafluoro...	11.151	80.2	ng	12082700	4	11.533	3013020	20.0
Tetradecanoic acid	11.263	85.3	ng	12845700	4	11.533	3013020	20.0
n-Hexadecanoic ...	12.110	76.3	ng	11496400	4	11.533	3013020	20.0
13-Octadecenoic...	12.645	51.8	ng	7809820	4	11.533	3013020	20.0
Methyl stearate	12.727	36.9	ng	5564640	4	11.533	3013020	20.0
Oleic Acid	12.868	117.6	ng	19507100	5	14.192	3317380	20.0
Ethyl Oleate	12.933	175.9	ng	29178100	5	14.192	3317380	20.0
Octadecanoic ac...	13.021	166.6	ng	27626900	5	14.192	3317380	20.0
Isopropyl stearate	13.092	47.3	ng	7845040	5	14.192	3317380	20.0
9-Octadecenoic ...	14.604	41.2	ng	6839820	5	14.192	3317380	20.0
Oxiraneoctanoic...	15.404	133.0	ng	4501940	6	15.733	676855	20.0
1-Dodecanol, 2-...	16.756	138.9	ng	4702600	6	15.733	676855	20.0
2-Hexyldecyl is...	18.145	78.1	ng	2644330	6	15.733	676855	20.0