LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 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-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.737	744	748	751	rVB	1454691	1189462	5.96%	1.433%
2	6.807	756	760	771	rBV	740160	660852	3.31%	0.796%
3	8.013	962	965	969	rBV	1699101	1483195	7.43%	1.787%
4	9.713	1248	1254	1257	rBV	342601	291634	1.46%	0.351%
5	9.766	1259	1263	1266	rVV	1659019	1423495	7.13%	1.715%
6	9.825	1266	1273	1283	rVB3	193933	578131	2.90%	0.696%
7	10.001	1296	1303	1313	rBV	1426893	2023745	10.13%	2.438%
8	10.419	1371	1374	1378	rBV	301798	375869	1.88%	0.453%
9	10.683	1415	1419	1422	rBV	765678	610711	3.06%	0.736%
10	10.795	1435	1438	1440	rBV	551064	483611	2.42%	0.583%
11	10.825	1440	1443	1445	rVV	1145149	1059516	5.31%	1.276%
12	10.848	1445	1447	1451	rVB	621728	513770	2.57%	0.619%
13	10.925	1456	1460	1466	rBV	404935	434352	2.18%	0.523%
14	11.130	1489	1495	1500	rBV	255472	324008	1.62%	0.390%
15	11.242	1511	1514	1517	rVB	1471726	1264295	6.33%	1.523%
16	11.554	1563	1567	1570	rBV2	208797	252983	1.27%	0.305%
17	11.801	1602	1609	1616	rBV	3471791	4862147	24.35%	5.857%
18	11.907	1622	1627	1629	rBV2	222600	362696	1.82%	0.437%
19	11.960	1633	1636	1640	rVB3	267316	370796	1.86%	0.447%
20	12.107	1651	1661	1664	rBV2	1511130	3596550	18.01%	4.333%
21	12.166	1668	1671	1673	rVV2	1329660	1764875	8.84%	2.126%
22	12.219	1677	1680	1682	rBV2	585625	688598	3.45%	0.830%
23	12.242	1682	1684	1686	rVV	279934	234098	1.17%	0.282%
24	12.277	1686	1690	1695	rVV	1221362	1836137	9.20%	2.212%
25	12.313	1695	1696	1699	rVB	855291	533825	2.67%	0.643%
26	12.389	1700	1709	1716	rBV	6664643	19968093	100.00%	24.055%
27	12.442	1716	1718	1720	rVB	1791696	1177235	5.90%	1.418%
28	12.495	1725	1727	1730	rVB	1420952	1034855	5.18%	1.247%
29	12.595	1740	1744	1750	rVB	2899327	3060650	15.33%	3.687%
30	12.642	1750	1752	1754	rVV	328830	352718	1.77%	0.425%
31	12.677	1754	1758	1760	rVV	626939	826685	4.14%	0.996%
32	12.707	1761	1763	1765	rVV	364939	368833	1.85%	0.444%
33	12.730	1765	1767	1769	rVV	599660	527554	2.64%	0.636%
34	12.760	1769	1772	1773	rVV2	445658	429027	2.15%	0.517%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.777	1773	1775	1782	rVB2	699587	1158772	5.80%	1.396%
36	12.872	1788	1791	1796	rVB3	320397	476394	2.39%	0.574%
37	13.077	1823	1826	1835	rVB	308476	421072	2.11%	0.507%
38	13.148	1835	1838	1840	rBV	611981	491645	2.46%	0.592%
39	13.177	1840	1843	1846	rVB	2719887	2213238	11.08%	2.666%
40	13.289	1859	1862	1868	rBV4	200297	277399	1.39%	0.334%
41	13.413	1880	1883	1887	rVB	329629	291136	1.46%	0.351%
42	13.501	1895	1898	1901	rBV	466334	388310	1.94%	0.468%
43	13.807	1946	1950	1954	rBV	1001434	1505501	7.54%	1.814%
44	13.842	1954	1956	1958	rVV	489068	489099	2.45%	0.589%
45	13.866	1958	1960	1963	rVB	1585906	1360192	6.81%	1.639%
46	13.960	1972	1976	1977	rBV3	249587	349920	1.75%	0.422%
47	14.048	1987	1991	1993	rBV2	526156	841013	4.21%	1.013%
48	14.160	2006	2010	2020	rVB2	780696	1851877	9.27%	2.231%
49	14.254	2020	2026	2035	rBV3	4245566	12216224	61.18%	14.716%
50	14.448	2056	2059	2069	rVB	806868	1260199	6.31%	1.518%
51	14.901	2133	2136	2140	rVB2	197496	250547	1.25%	0.302%
52	14.977	2146	2149	2152	rBV	254243	332341	1.66%	0.400%
53	15.277	2195	2200	2208	rBV	1372384	1871148	9.37%	2.254%

Sum of corrected areas: 83011028

LSC Report - Integrated Chromatogram

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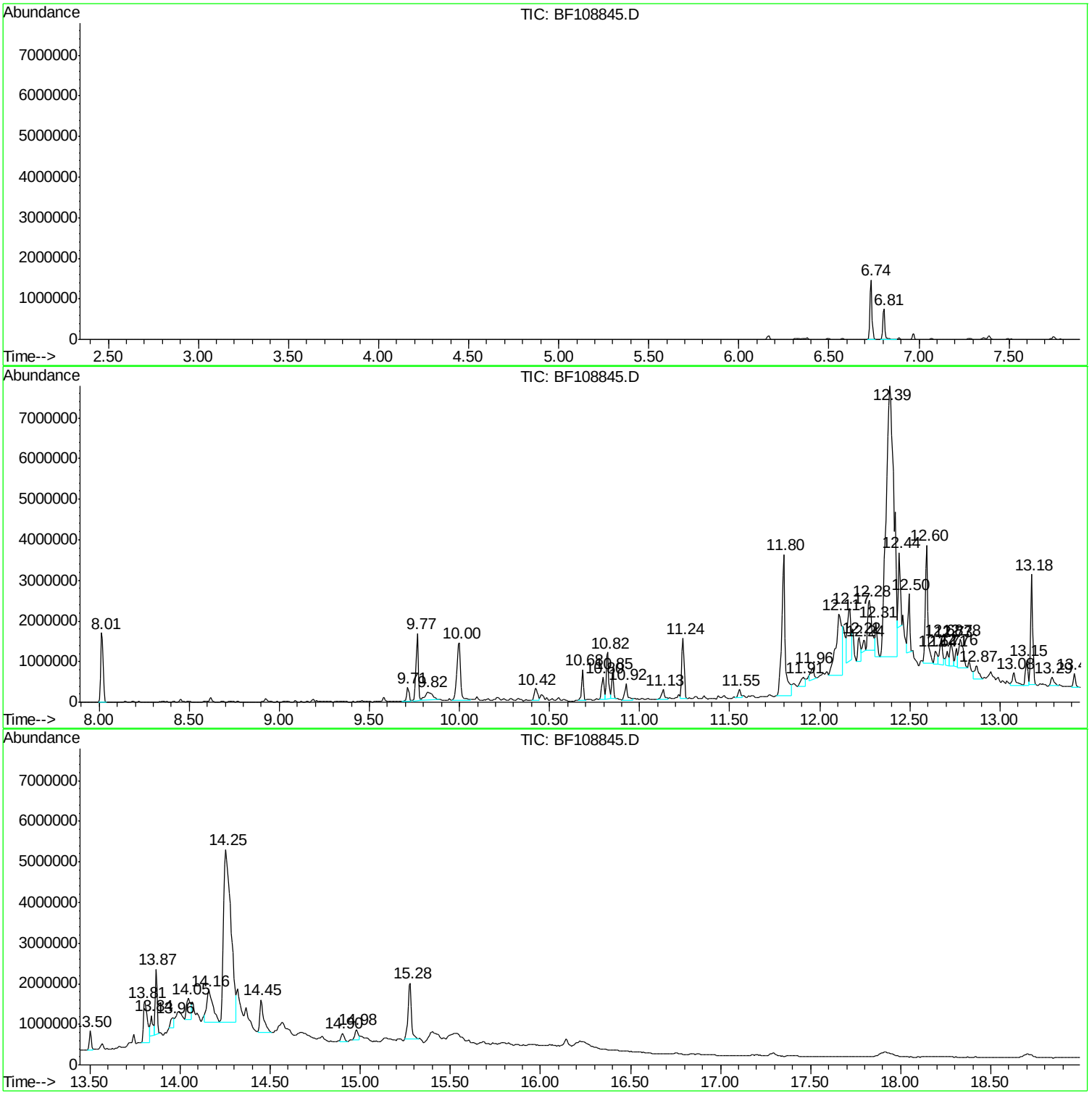
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

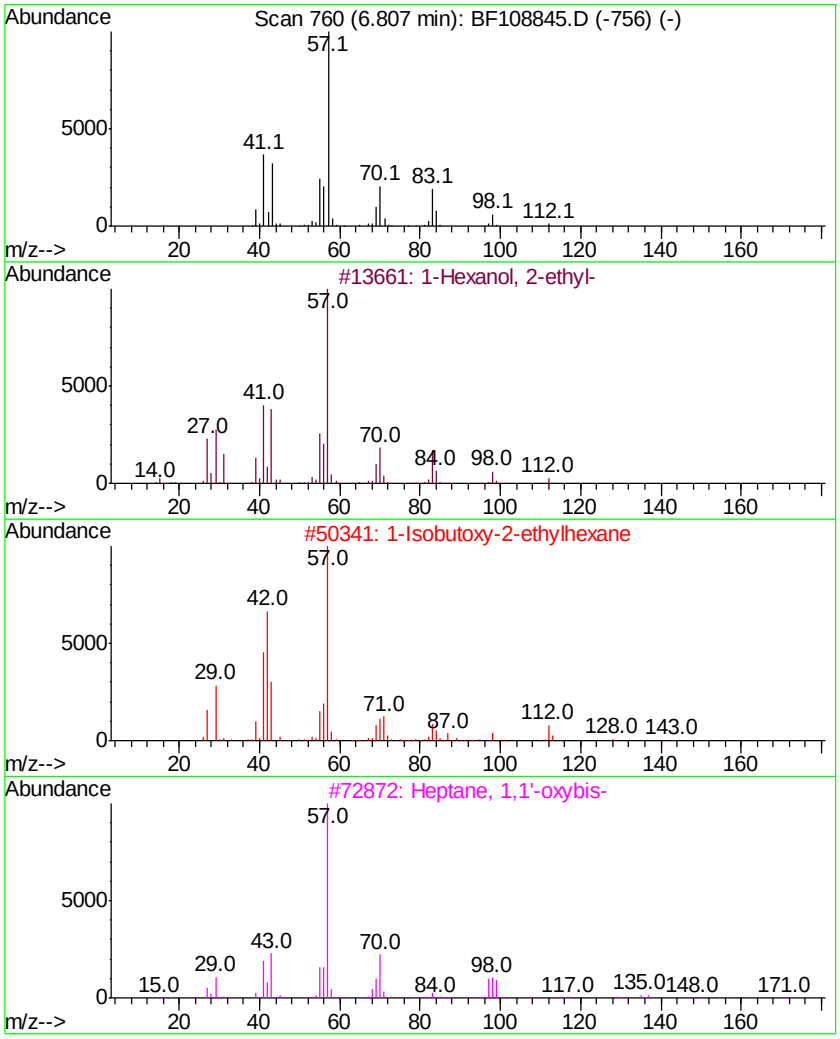
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

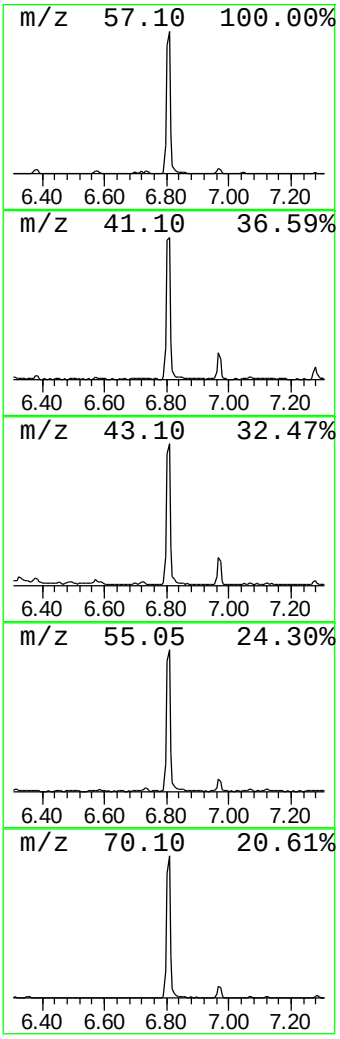
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	11.11 ng	660852	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	43
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	40





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Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

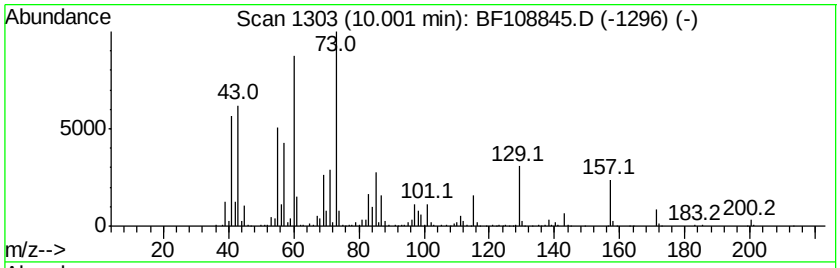
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

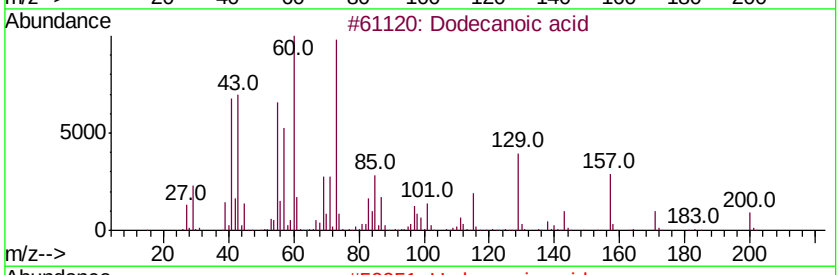
****

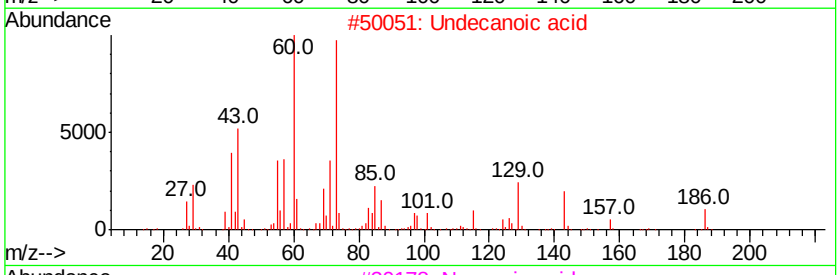
Peak Number 2 Dodecanoic acid Concentration Rank 8

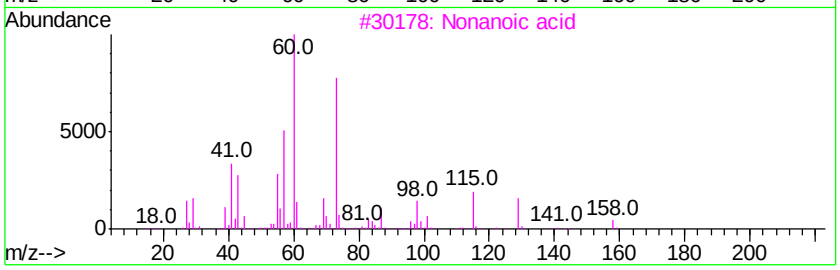
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	28.43 ng	2023750	Acenaphthene-d10	9.77

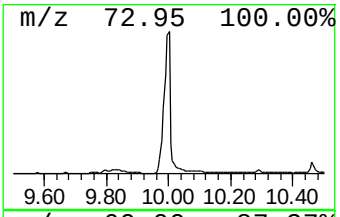
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	53
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
5	Butanoic acid	88	C4H8O2	000107-92-6	35

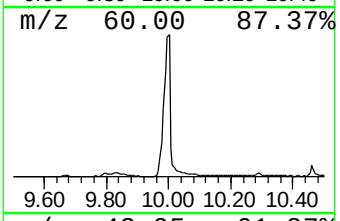


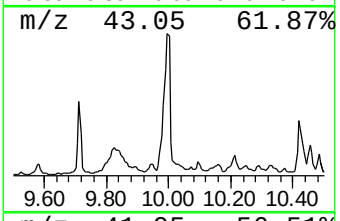


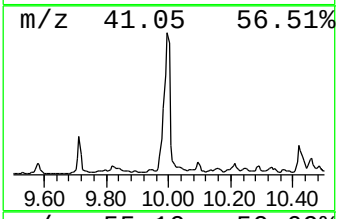


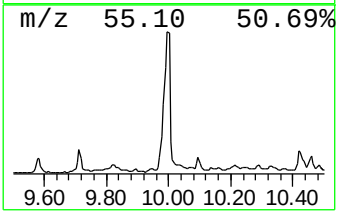












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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

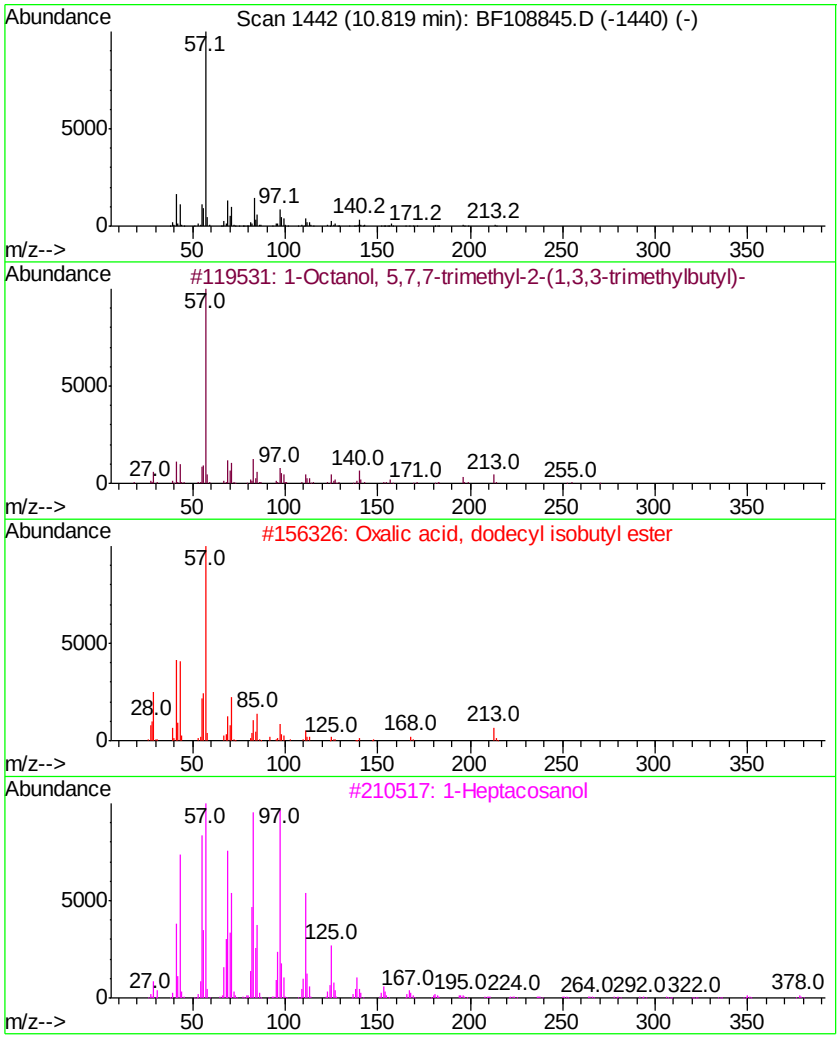
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

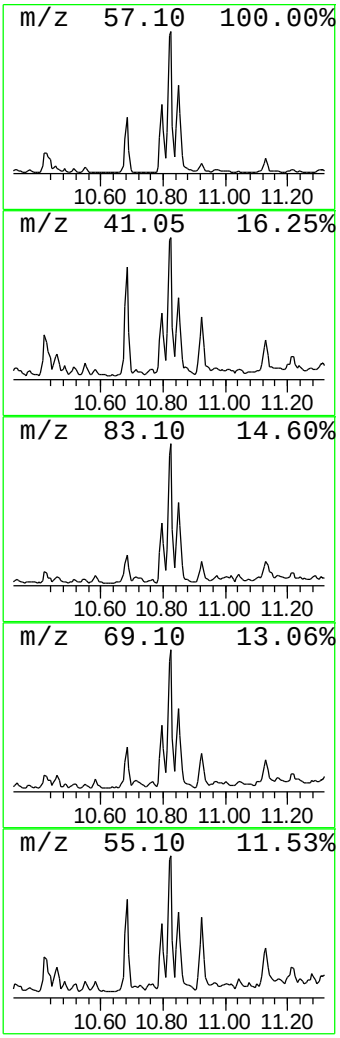
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	16.76 ng	1059520	Phenanthrene-d10	11.24

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	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	64
3	1-Heptacosanol	396	C27H56O	002004-39-9	50
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	50
5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	50





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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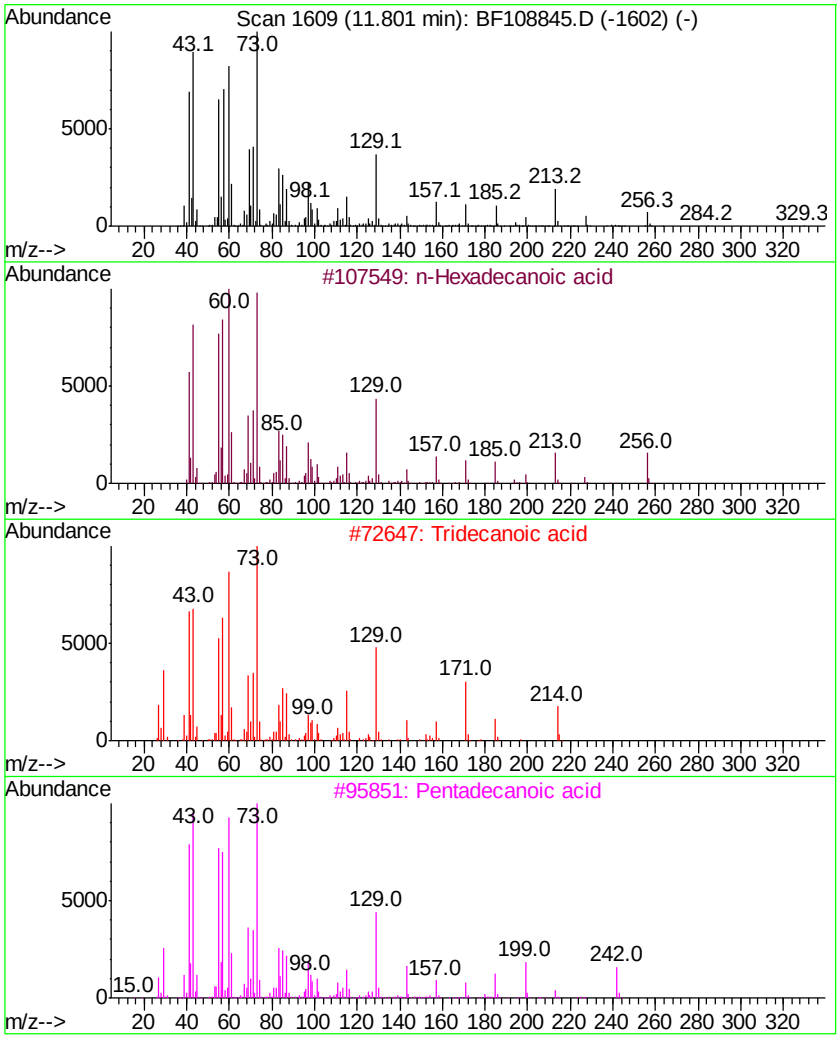
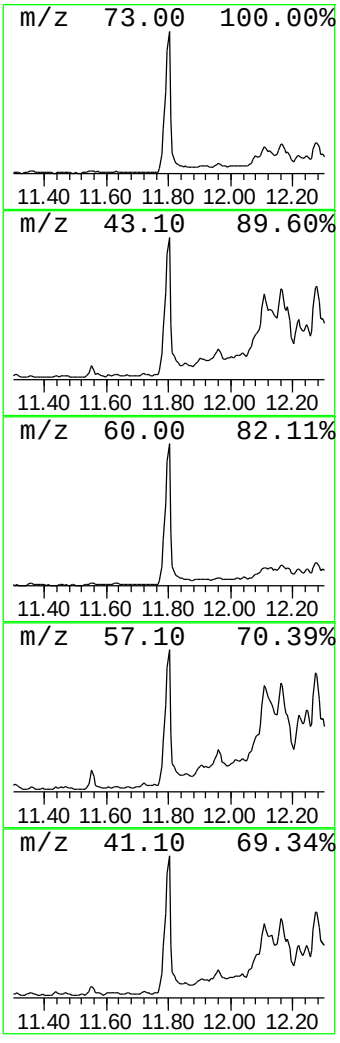
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	76.91 ng	4862150	Phenanthrene-d10	11.24

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	64





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

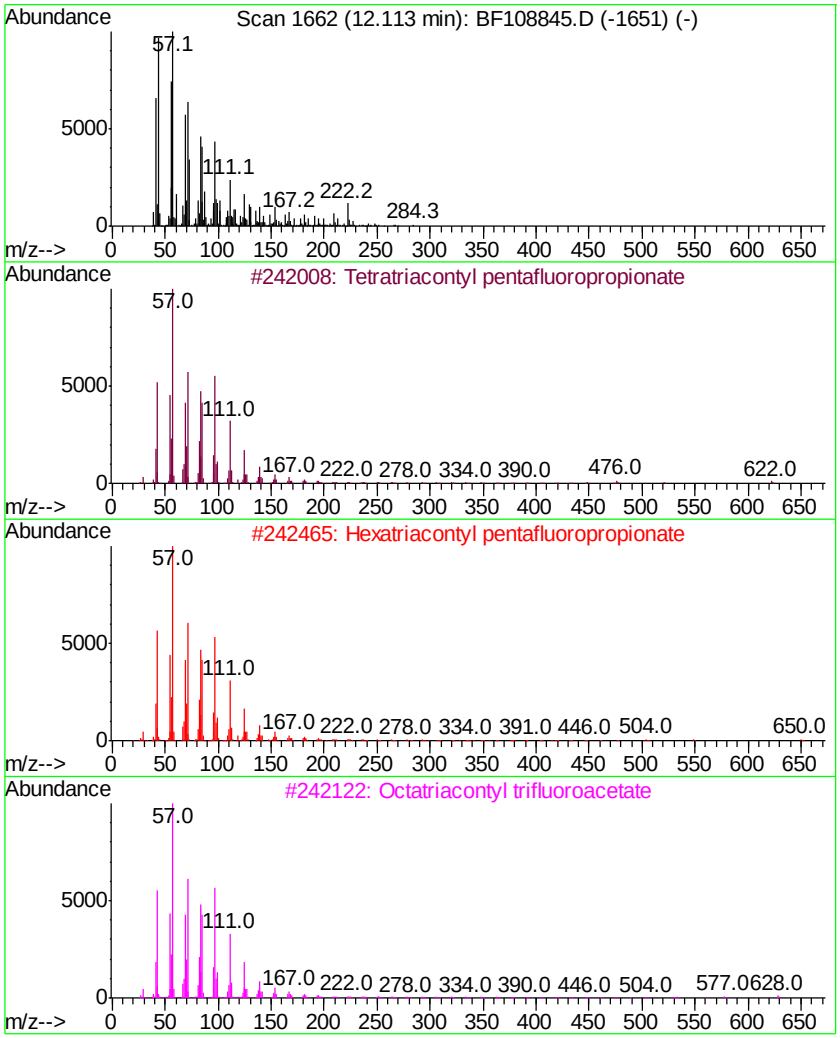
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

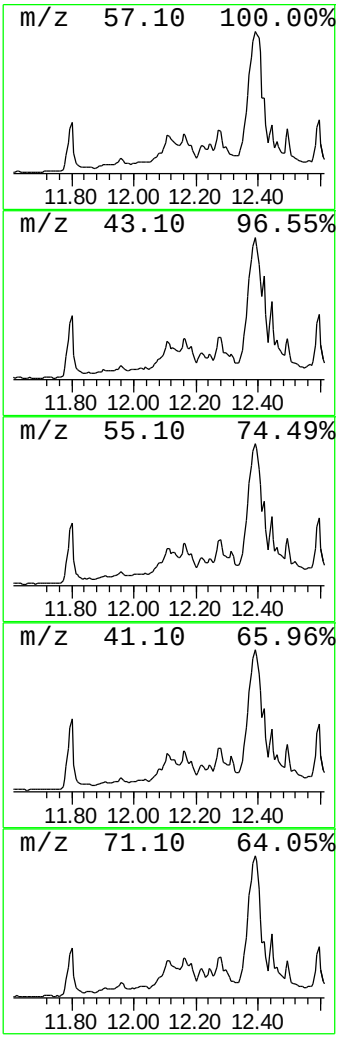
****

Peak Number 5 Tetratriacontyl pentafluoro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	56.89 ng	3596550	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	72
2	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	72
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	72
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	64
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

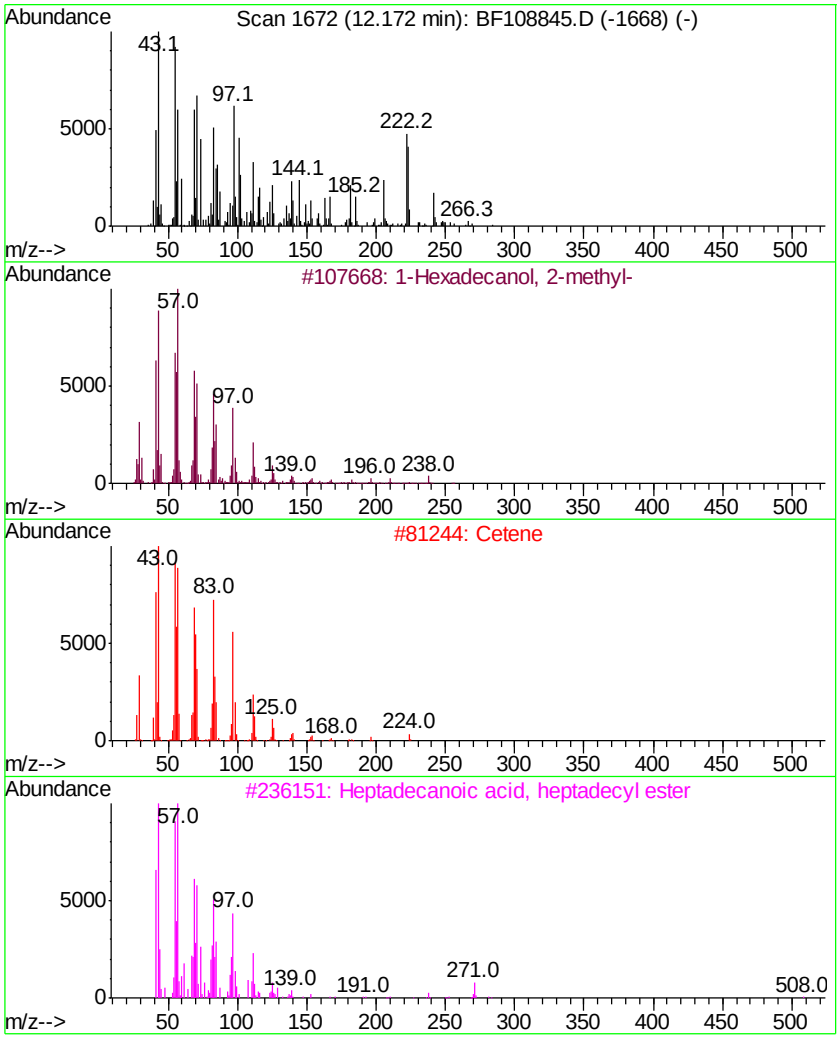
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

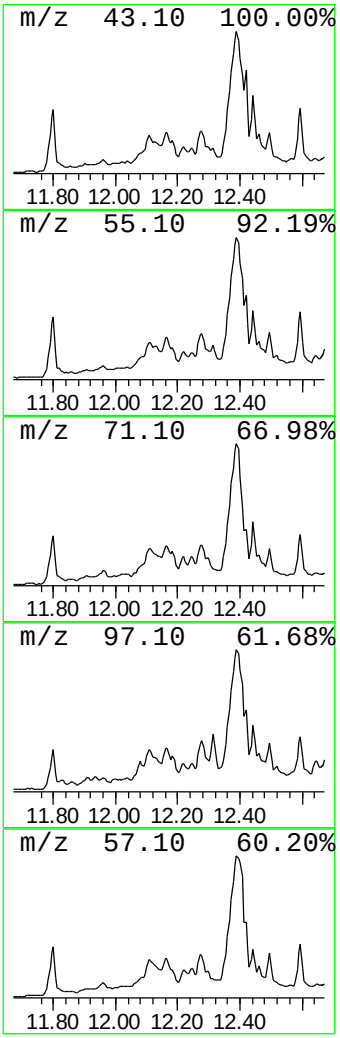
****

Peak Number 6 1-Hexadecanol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	27.92 ng	1764880	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	86
2	Cetene	224	C16H32	000629-73-2	70
3	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	58
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	53
5	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	49





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

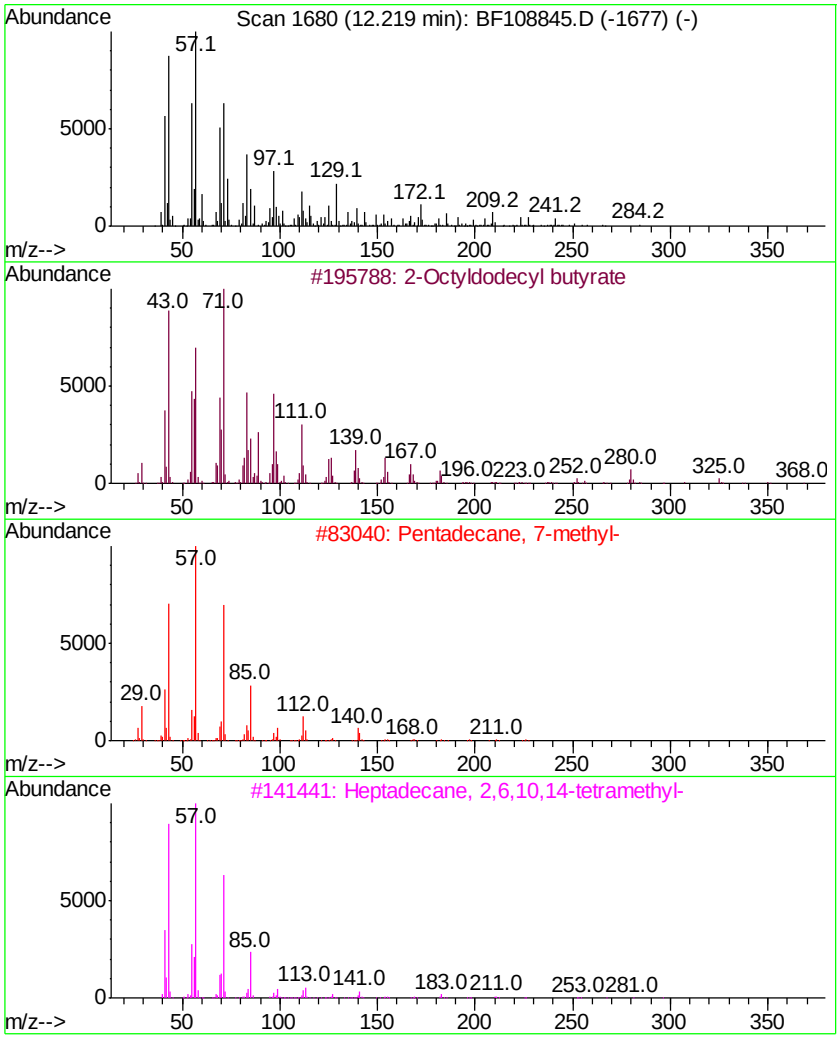
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

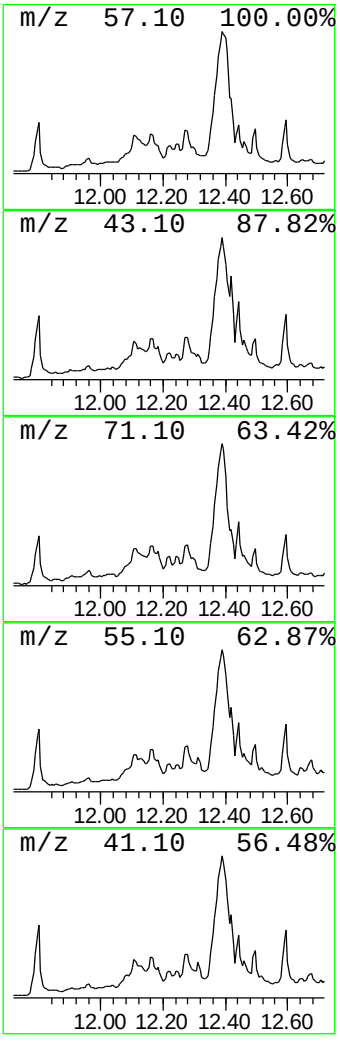
****

Peak Number 7 2-Octyldodecyl butyrate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	10.89 ng	688598	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyldodecyl butyrate	368	C24H48O2	1000368-55-2	50
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	42
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	22
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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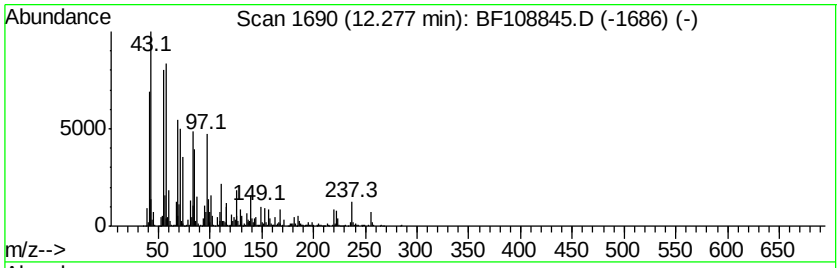
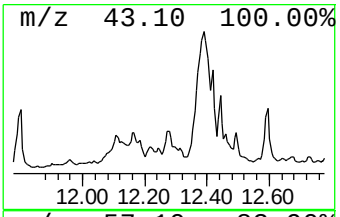
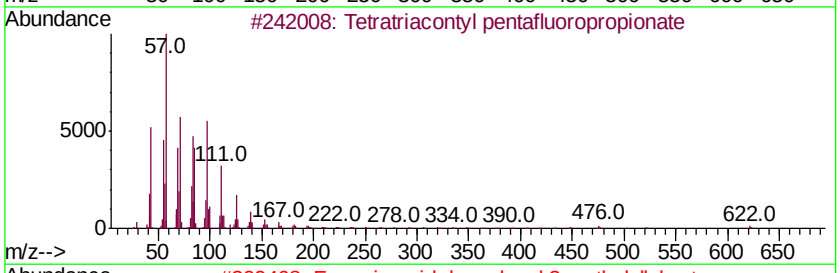
Peak Number 8 unknown12.20 Concentration Rank 7

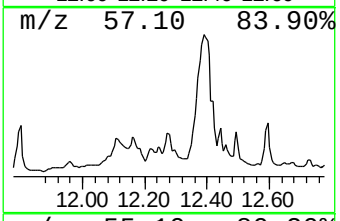
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	29.05 ng	1836140	Phenanthrene-d10	11.24

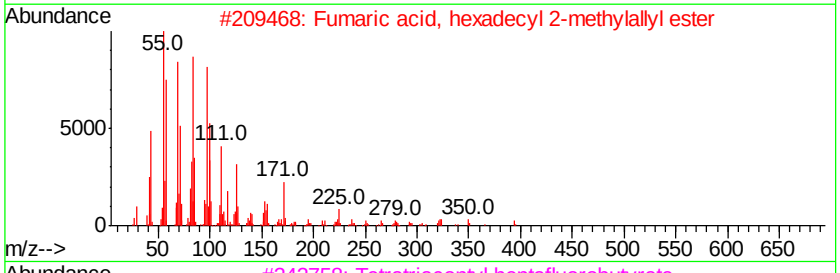
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	49
2	Fumaric acid, hexadecyl 2-methyl...	394	C24H42O4	1000330-55-5	49
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	49
4	1-Heptadecene	238	C17H34	006765-39-5	46
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	46

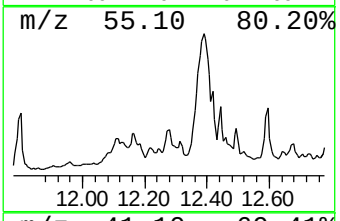


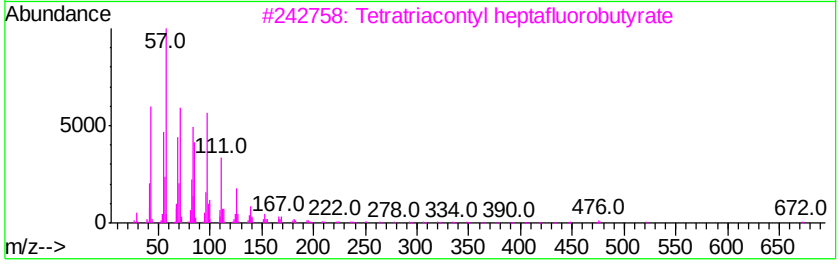


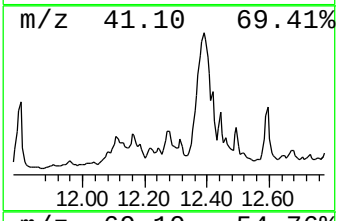


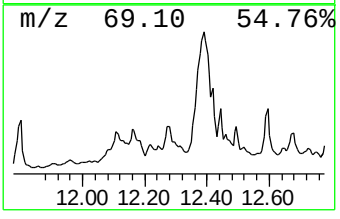












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Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

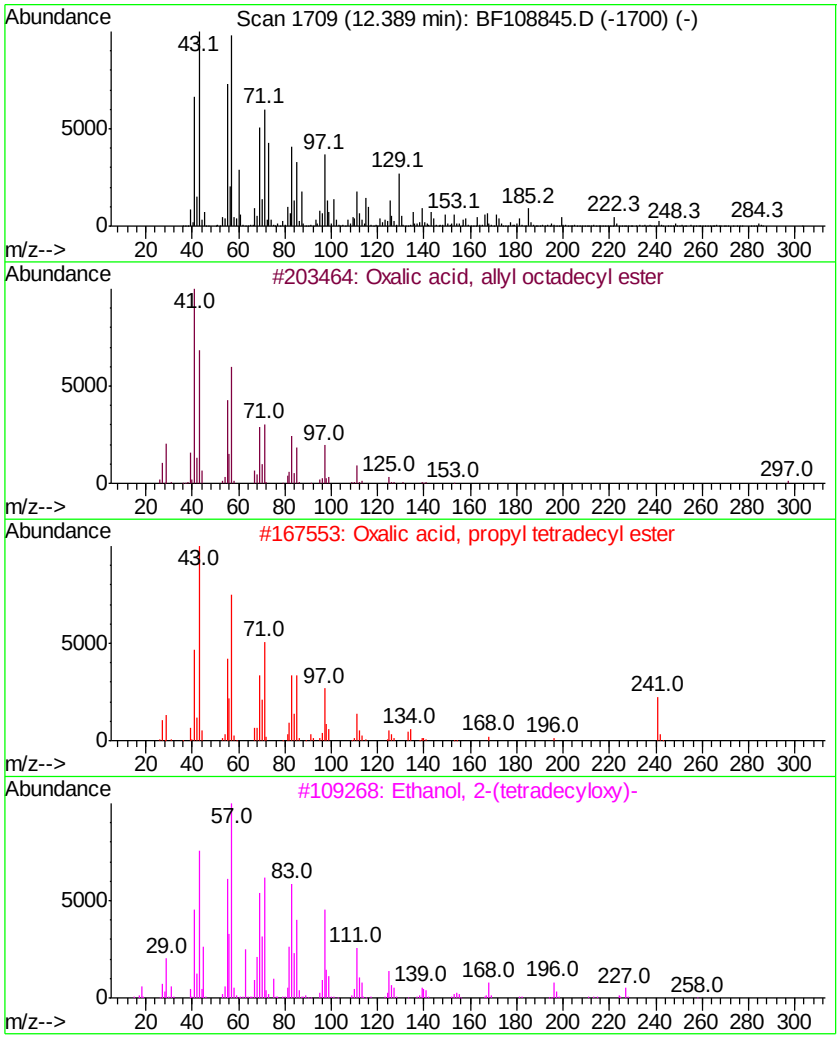
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

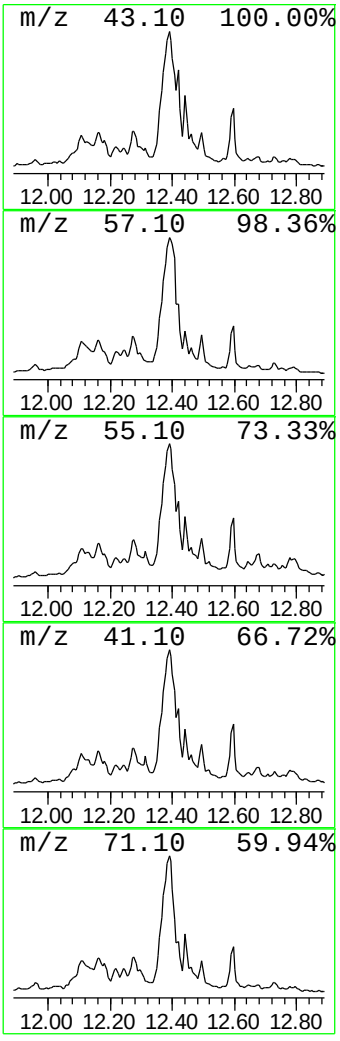
****

Peak Number 9 Oxalic acid, allyl octadecy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	315.88 ng	19968100	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	58
2	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	58
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	52
4	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	52
5	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	43





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Acq On : 7 Sep 2018 1:14
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Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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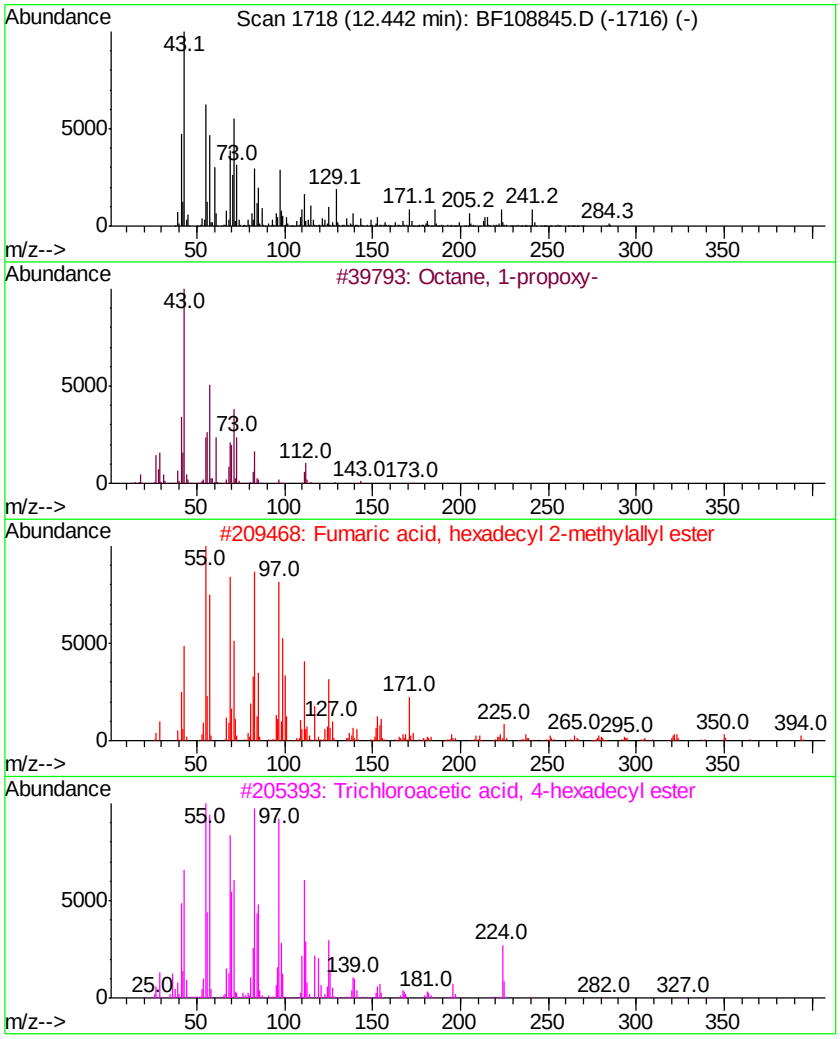
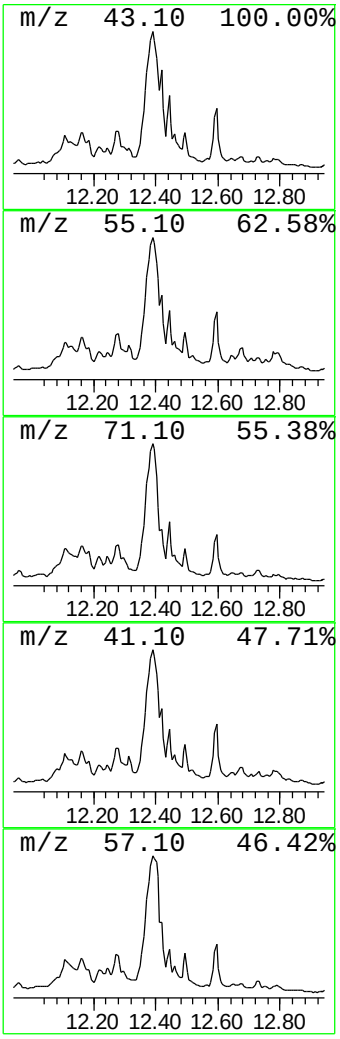
Peak Number 10 unknown12.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	18.62 ng	1177240	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1-propoxy-	172	C11H24O	029379-41-7	38
2	Fumaric acid, hexadecyl 2-methyl...	394	C24H42O4	1000330-55-5	25
3	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	25
4	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	22
5	Glutaric acid, undecyl tetrahydr...	370	C21H38O5	1000359-66-7	22





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Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

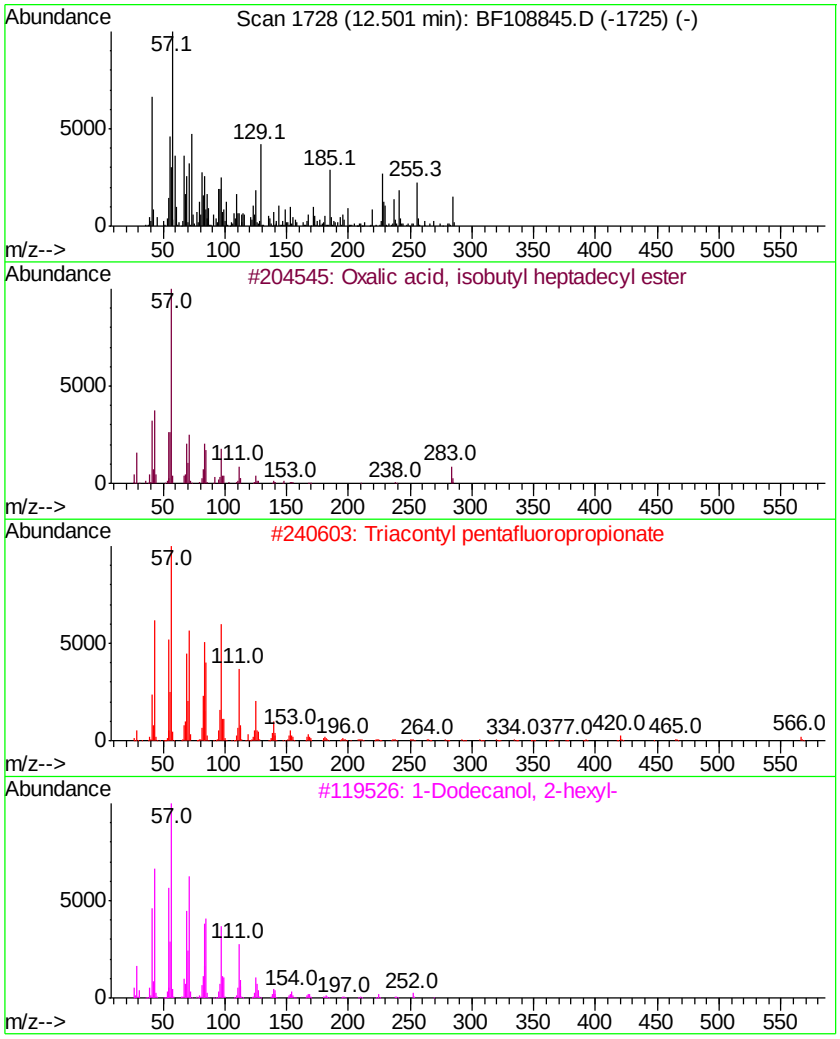
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

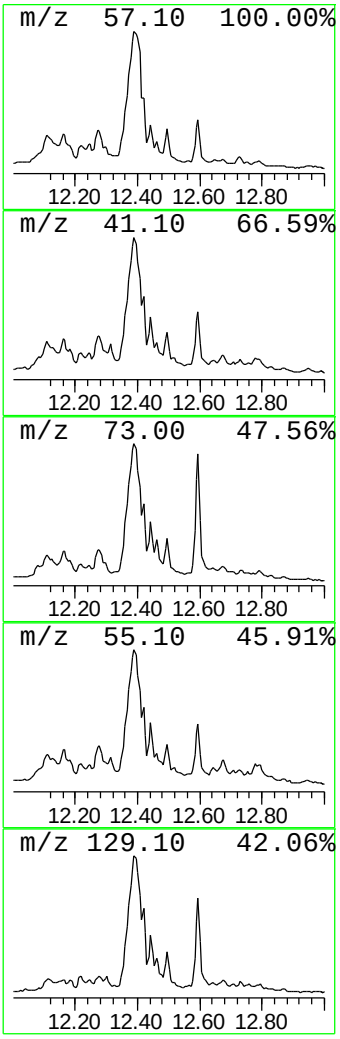
****

Peak Number 11 unknown12.50 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	16.37 ng	1034860	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	45
2	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	43
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	43
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	41
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	38





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Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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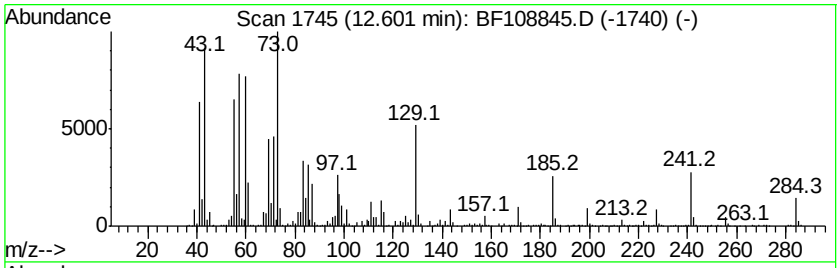
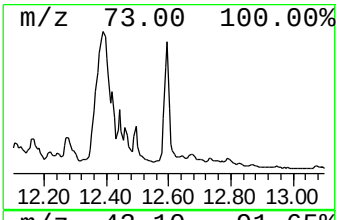
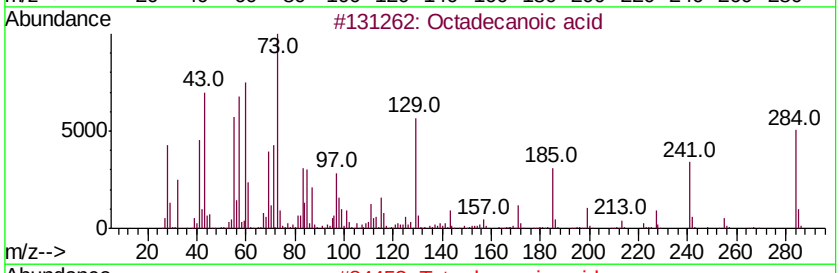
Peak Number 12 Octadecanoic acid Concentration Rank 5

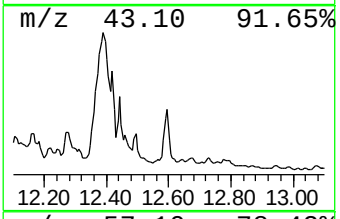
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	45.00 ng	3060650	Chrysene-d12	13.87

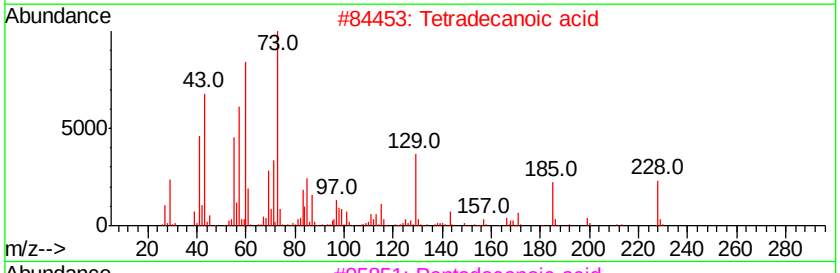
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

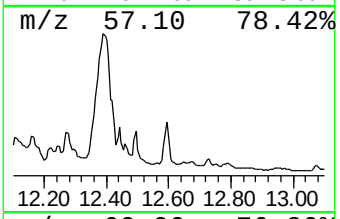


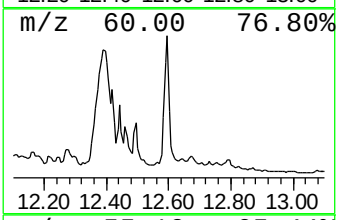


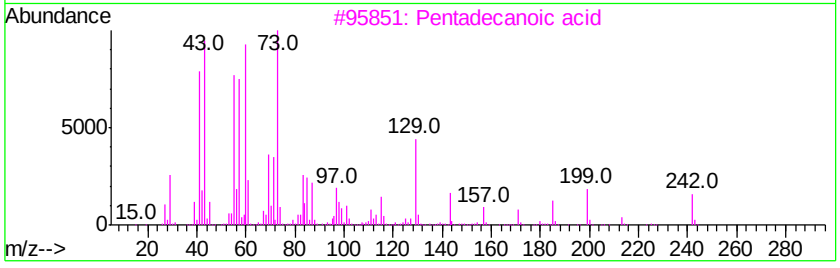


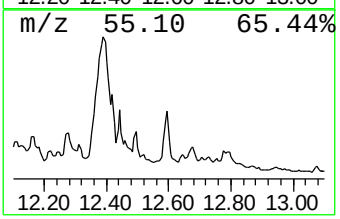












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Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

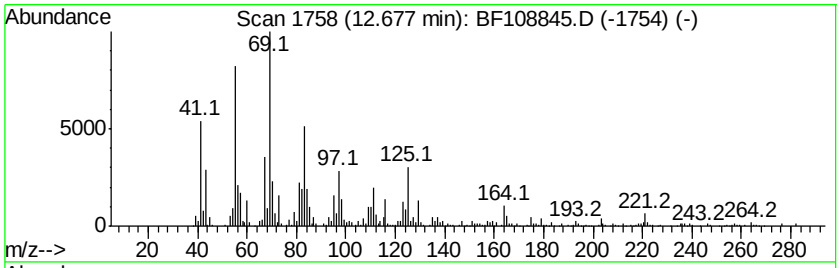
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

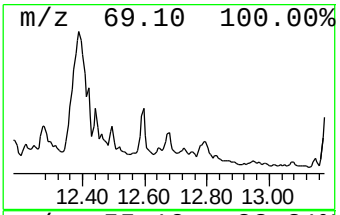
****

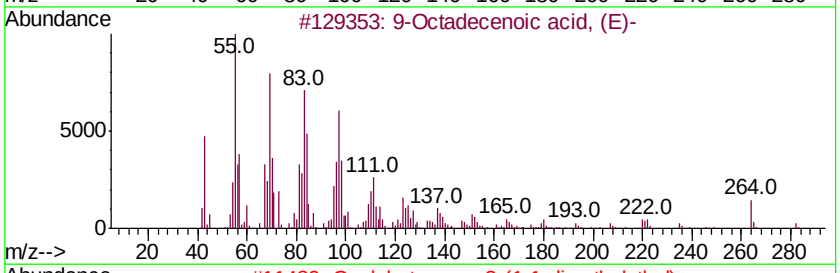
Peak Number 13 unknown12.68 Concentration Rank 18

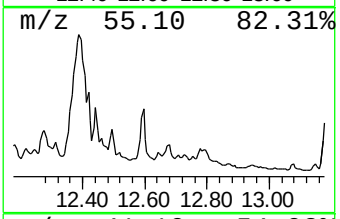
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	12.16 ng	826685	Chrysene-d12	13.87

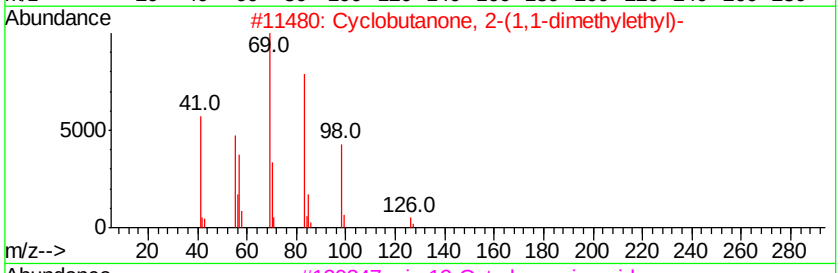
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	49
2	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	45
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	45
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	44
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	42

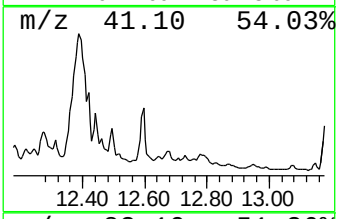


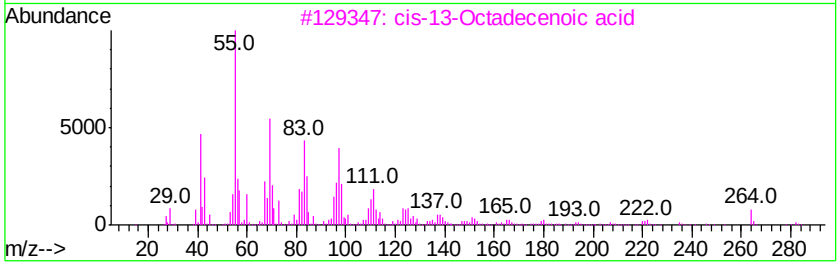


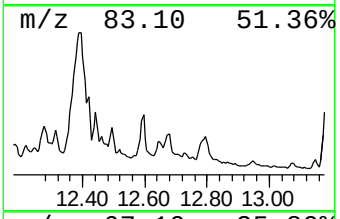


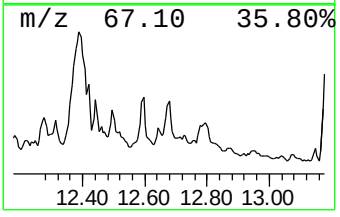












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

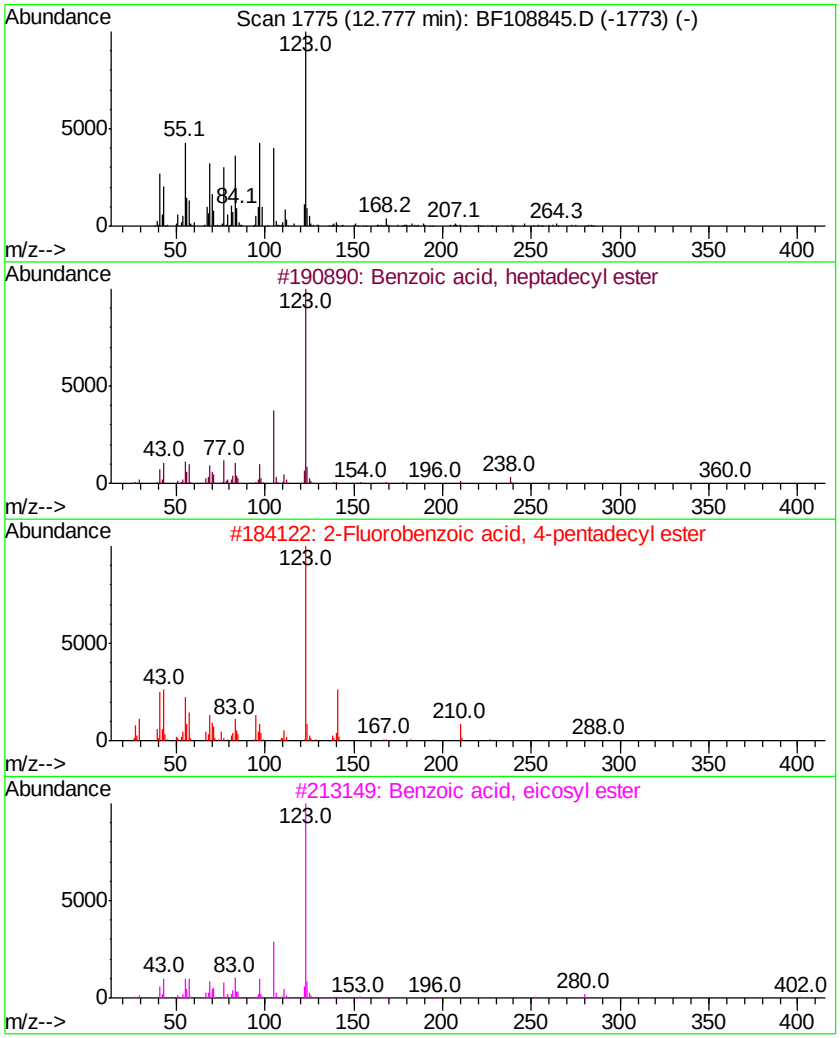
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

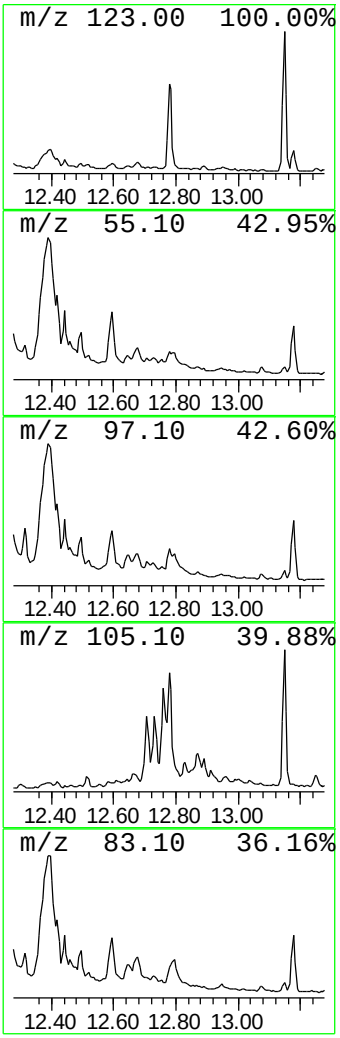
****

Peak Number 14 Benzoic acid, heptadecyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	17.04 ng	1158770	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	50
2	2-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-61-7	50
3	Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	47
4	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	47
5	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	47





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Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

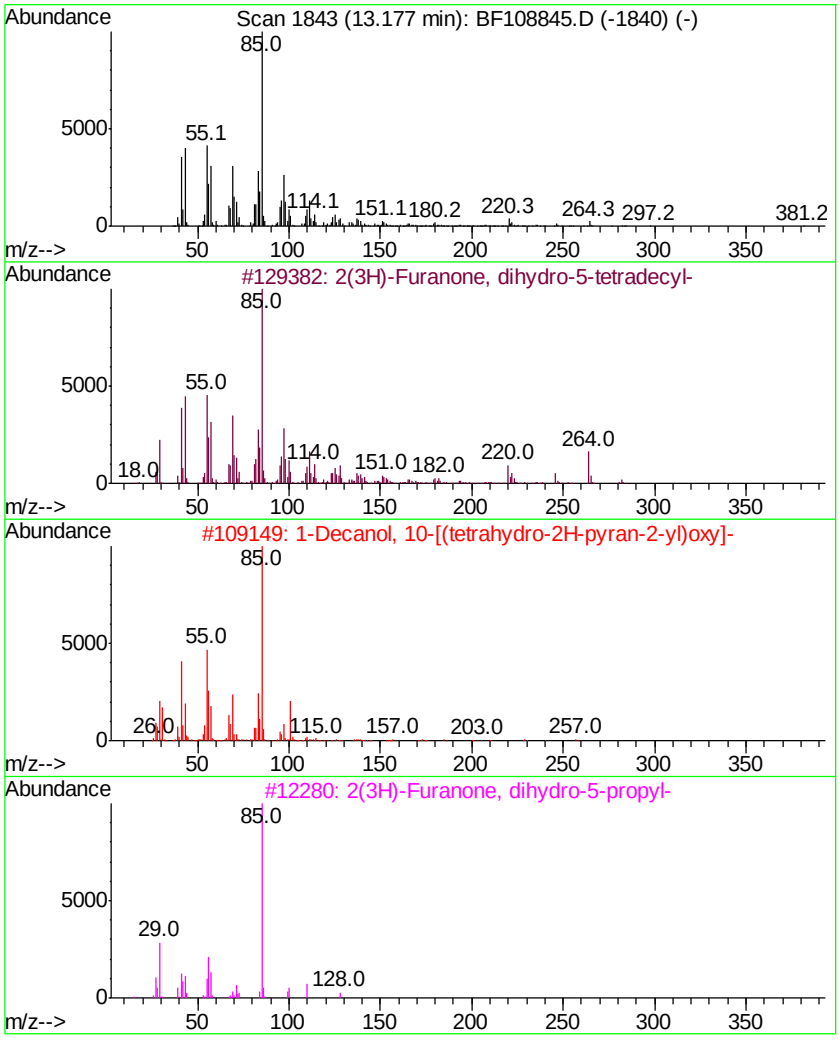
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

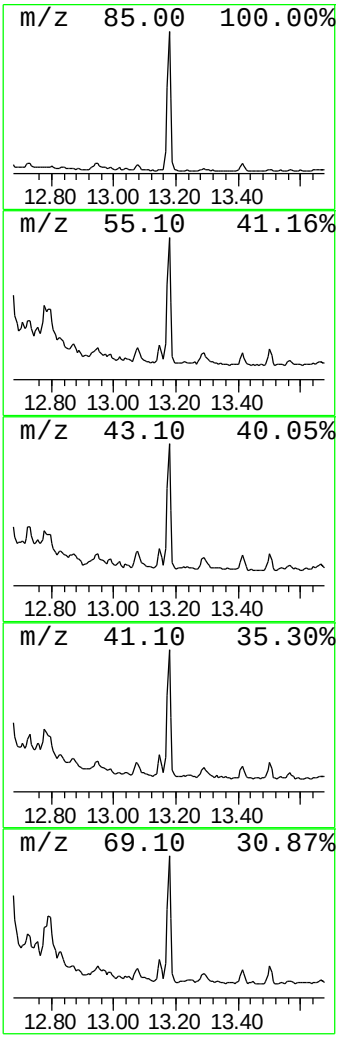
****

Peak Number 15 2(3H)-Furanone, dihydro-5-t... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	32.54 ng	2213240	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	91
2	1-Decanol, 10-[(tetrahydro-2H-py...	258	C15H30O3	043047-93-4	53
3	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	46
4	1-Phospha-1-butyne, 3,3-dimethyl-	100	C5H9P	078129-68-7	43
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	43





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Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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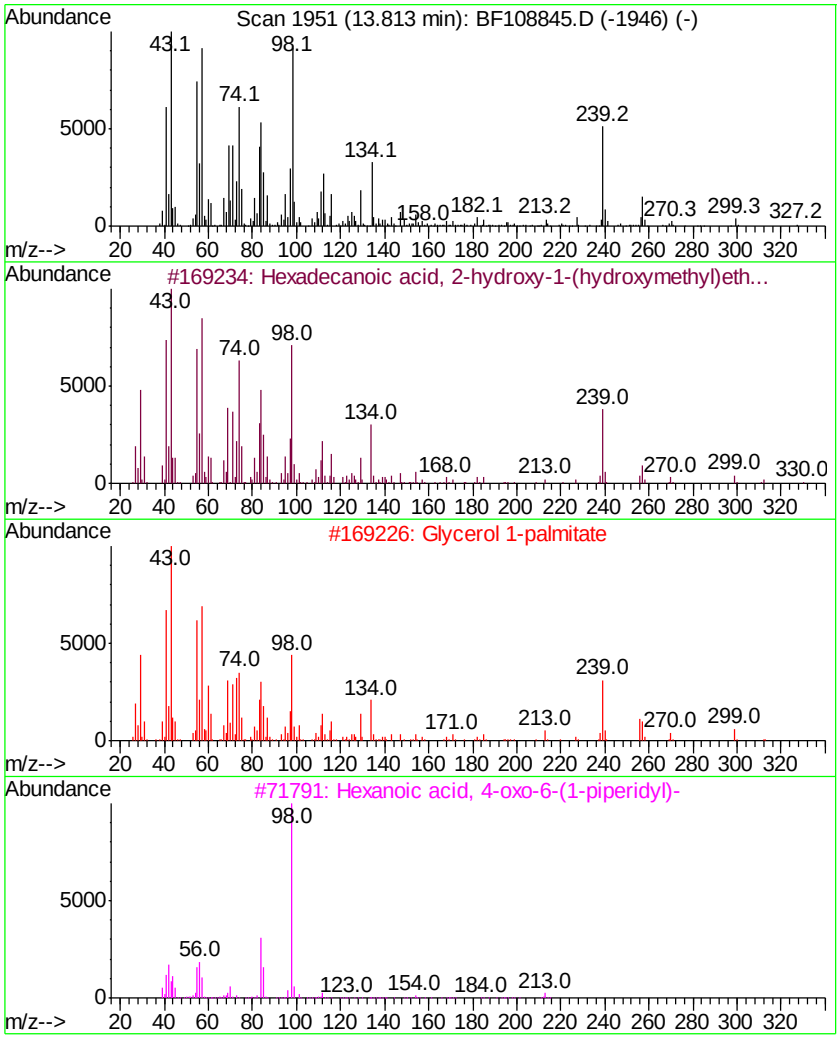
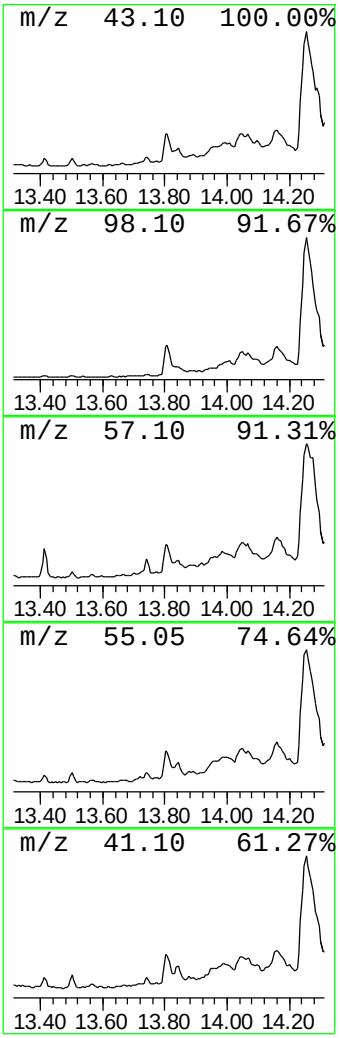
Peak Number 16 Hexadecanoic acid, 2-hydrox... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	22.14 ng	1505500	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 2-hydroxy-1-(...	330	C19H38O4	023470-00-0	95
2	Glycerol 1-palmitate	330	C19H38O4	000542-44-9	87
3	Hexanoic acid, 4-oxo-6-(1-piperi...	213	C11H19NO3	339313-13-2	22
4	2-Isopropyl-1,3-oxazol-2-ine	113	C6H11NO	010431-99-9	22
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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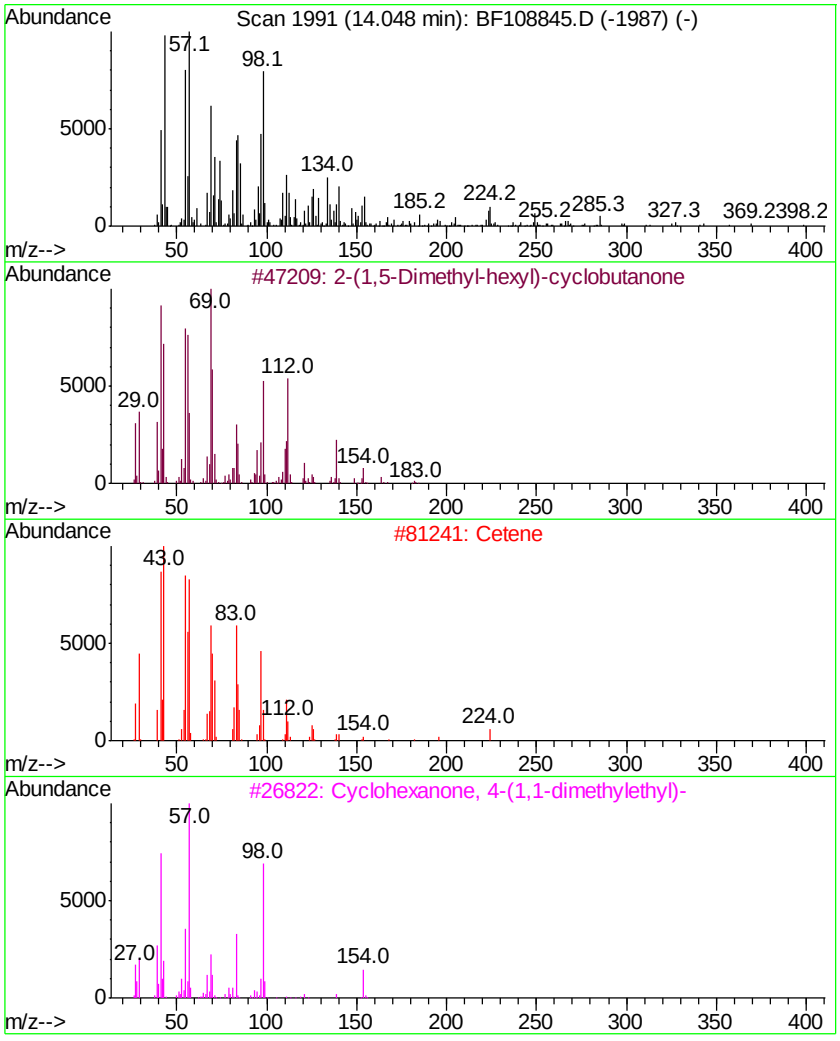
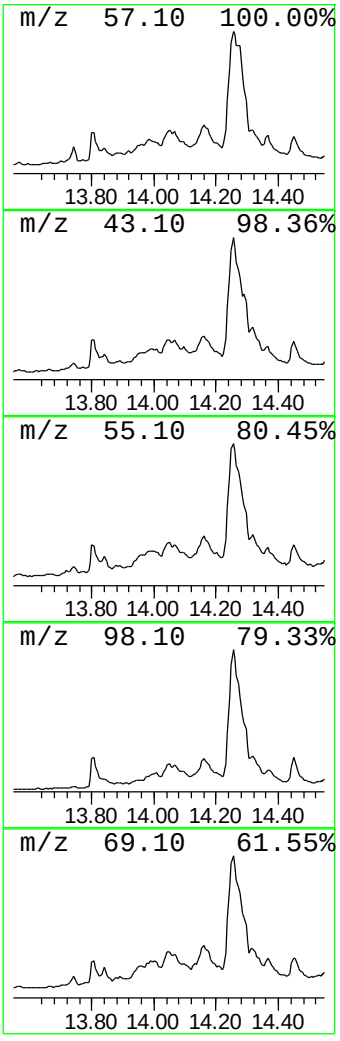
Peak Number 17 unknown14.05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	12.37 ng	841013	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1,5-Dimethyl-hexyl)-cyclobuta...	182	C12H22O	1000187-17-7	46
2	Cetene	224	C16H32	000629-73-2	38
3	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	35
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	35
5	10-Methylundec-3-en-4-olide	196	C12H20O2	1000370-41-1	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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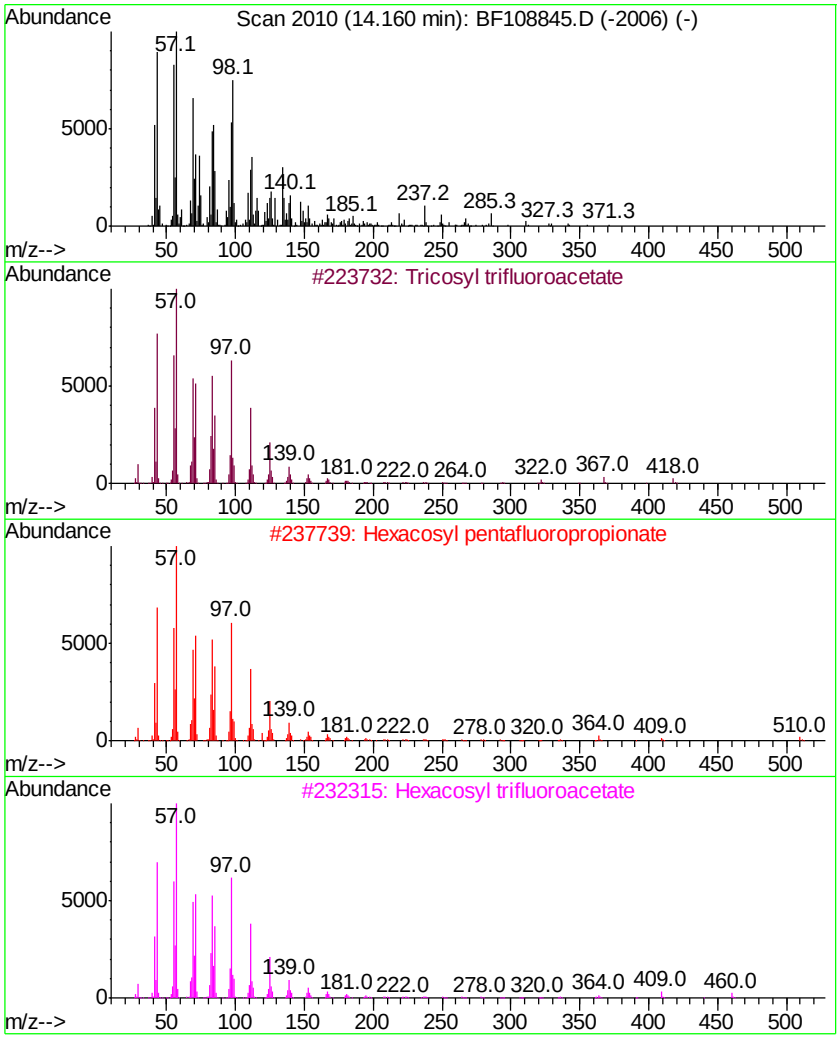
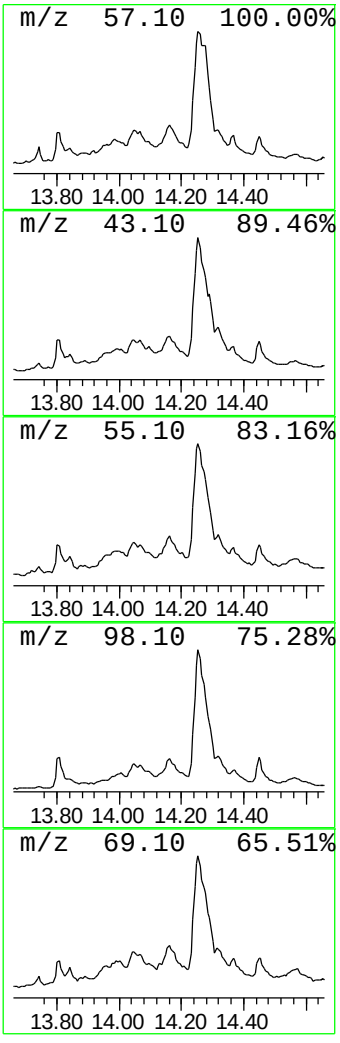
Peak Number 18 unknown14.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	27.23 ng	1851880	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	46
2	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	42
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	42
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	41
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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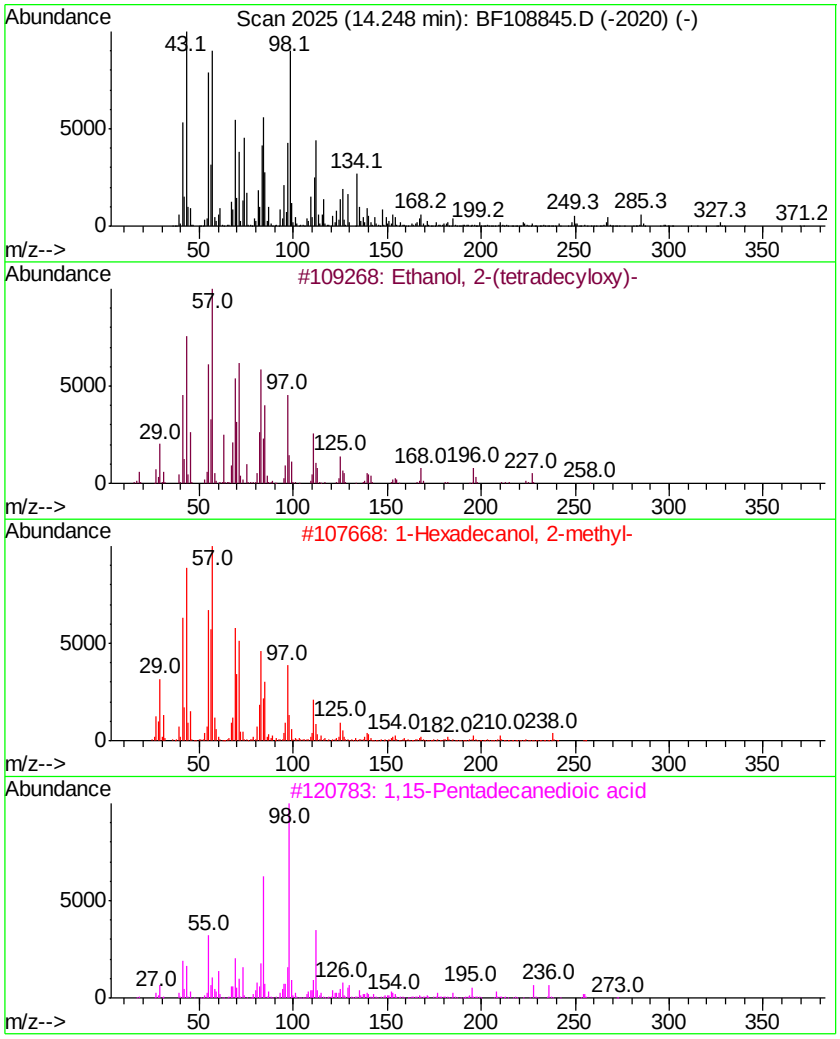
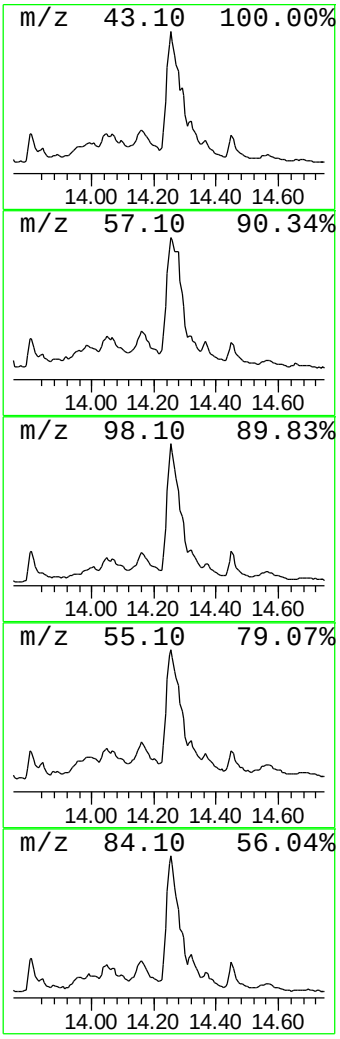
Peak Number 19 unknown14.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	179.63 ng	12216200	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	42
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	38
3	1,15-Pentadecanedioic acid	272	C15H28O4	001460-18-0	38
4	Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	30
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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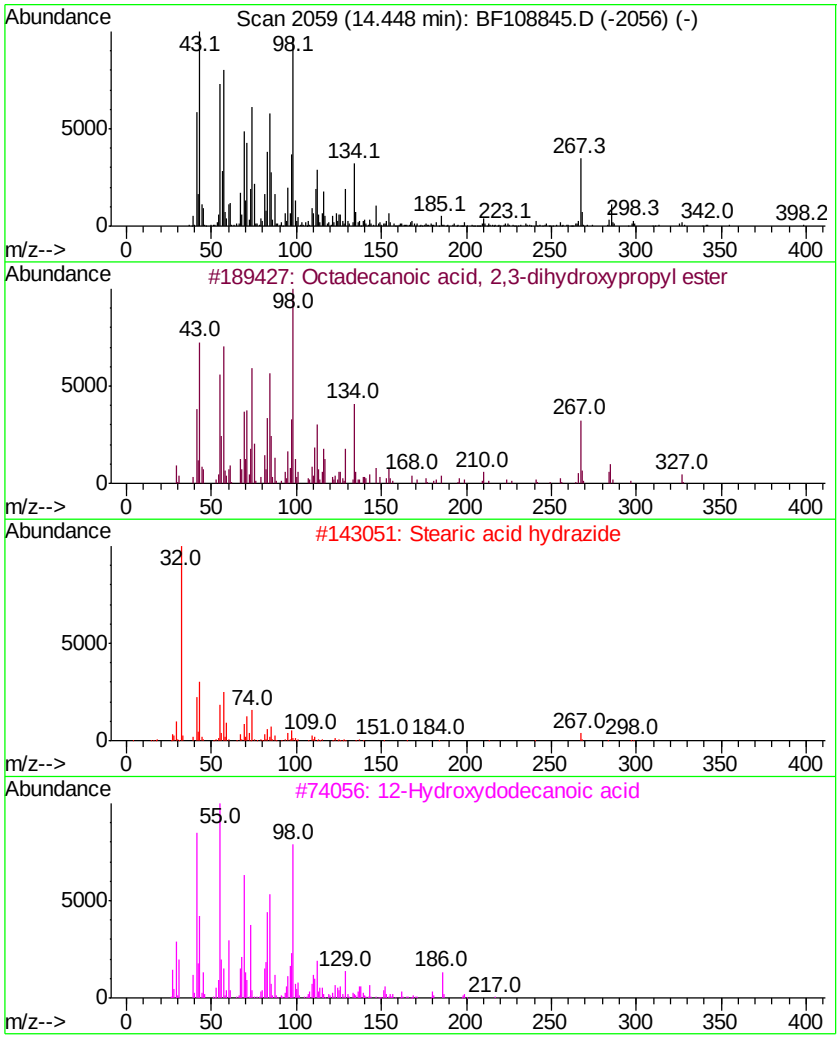
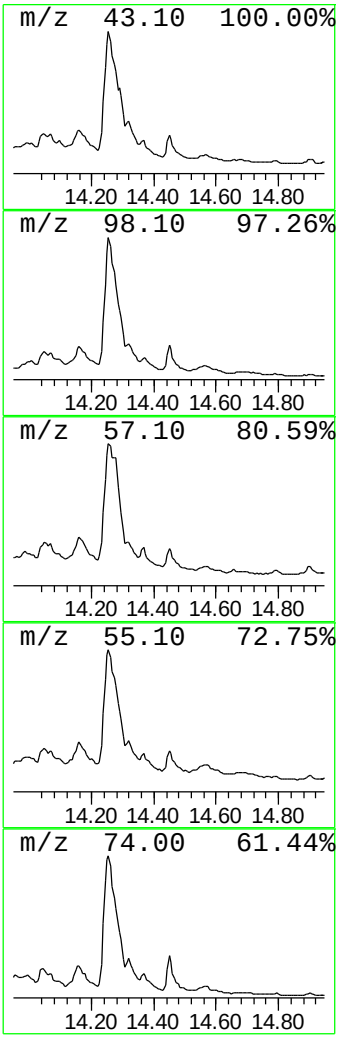
Peak Number 20 Octadecanoic acid, 2,3-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	18.53 ng	1260200	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2,3-dihydroxy...	358	C21H42O4	000123-94-4	93
2	Stearic acid hydrazide	298	C18H38N2O	004130-54-5	42
3	12-Hydroxydodecanoic acid	216	C12H24O3	000505-95-3	38
4	Tetradecanedioic acid	258	C14H26O4	000821-38-5	35
5	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090618\
Data File : BF108845.D
Acq On : 7 Sep 2018 1:14
Operator : JU/SJ
Sample : J4799-02 20X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	6.81	11.1	ng	660852	1	6.74	1189460	20.0
Dodecanoic acid	10.00	28.4	ng	2023750	3	9.77	1423500	20.0
1-Octanol, 5,7,7-...	10.82	16.8	ng	1059520	4	11.24	1264300	20.0
n-Hexadecanoic acid	11.80	76.9	ng	4862150	4	11.24	1264300	20.0
Tetratriacontyl p...	12.11	56.9	ng	3596550	4	11.24	1264300	20.0
1-Hexadecanol, 2-...	12.17	27.9	ng	1764880	4	11.24	1264300	20.0
2-Octyldodecyl bu...	12.22	10.9	ng	688598	4	11.24	1264300	20.0
unknown12.20	12.28	29.1	ng	1836140	4	11.24	1264300	20.0
Oxalic acid, ally...	12.39	315.9	ng	19968100	4	11.24	1264300	20.0
unknown12.44	12.44	18.6	ng	1177240	4	11.24	1264300	20.0
unknown12.50	12.50	16.4	ng	1034860	4	11.24	1264300	20.0
Octadecanoic acid	12.60	45.0	ng	3060650	5	13.87	1360190	20.0
unknown12.68	12.68	12.2	ng	826685	5	13.87	1360190	20.0
Benzoic acid, hep...	12.78	17.0	ng	1158770	5	13.87	1360190	20.0
2(3H)-Furanone, d...	13.18	32.5	ng	2213240	5	13.87	1360190	20.0
Hexadecanoic acid...	13.81	22.1	ng	1505500	5	13.87	1360190	20.0
unknown14.05	14.05	12.4	ng	841013	5	13.87	1360190	20.0
unknown14.16	14.16	27.2	ng	1851880	5	13.87	1360190	20.0
unknown14.25	14.25	179.6	ng	12216200	5	13.87	1360190	20.0
Octadecanoic acid...	14.45	18.5	ng	1260200	5	13.87	1360190	20.0