LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108314.D
Acq On : 21 Aug 2018 2:11
Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 26 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-BF080818.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	2.372	3	6	19	rVB	1179911	1590360	1.43%	0.465%
2	4.101	286	300	303	rBV	1905440	3067613	2.75%	0.898%
3	5.613	550	557	563	rBV	2762300	5139037	4.61%	1.504%
4	5.666	563	566	576	rVB	1032177	1642660	1.47%	0.481%
5	6.766	748	753	756	rBV	996550	1213401	1.09%	0.355%
6	7.019	789	796	799	rBV	1551299	2377814	2.13%	0.696%
7	7.101	800	810	811	rBV3	9532772	20963496	18.82%	6.134%
8	7.601	890	895	897	rVB	2506960	2546271	2.29%	0.745%
9	8.031	909	968	970	rBV	6866495	58215095	52.26%	17.033%
10	8.219	994	1000	1001	rBV	1298932	1484662	1.33%	0.434%
11	8.313	1001	1016	1017	rVV3	4715683	15219878	13.66%	4.453%
12	8.354	1017	1023	1025	rVB	2565742	4371123	3.92%	1.279%
13	8.725	1077	1086	1088	rBV2	1213886	1930605	1.73%	0.565%
14	9.301	1167	1184	1188	rBV	3245514	10311203	9.26%	3.017%
15	9.383	1193	1198	1201	rVV	4949761	4829970	4.34%	1.413%
16	9.777	1257	1265	1272	rBV	1198928	1812596	1.63%	0.530%
17	9.877	1277	1282	1290	rVB	1356169	1486192	1.33%	0.435%
18	10.066	1311	1314	1324	rVB	1141423	1240962	1.11%	0.363%
19	10.519	1343	1391	1399	rBV	12710076	111403552	100.00%	32.595%
20	10.813	1437	1441	1444	rBV	1332837	1305363	1.17%	0.382%
21	10.866	1446	1450	1458	rVB	1879846	1996494	1.79%	0.584%
22	11.089	1483	1488	1491	rBV	4491158	6240035	5.60%	1.826%
23	11.119	1491	1493	1496	rVV	8241743	10341901	9.28%	3.026%
24	11.148	1496	1498	1506	rVV	6181037	7357485	6.60%	2.153%
25	11.242	1509	1514	1517	rVV	1487780	1796721	1.61%	0.526%
26	11.430	1542	1546	1554	rVV	6797678	8710765	7.82%	2.549%
27	11.501	1554	1558	1561	rVB	7173127	6331033	5.68%	1.852%
28	11.989	1638	1641	1647	rBV	1800309	1829206	1.64%	0.535%
29	12.083	1652	1657	1661	rVV	2311667	2793915	2.51%	0.817%
30	13.024	1813	1817	1823	rVV	7012149	8291916	7.44%	2.426%
31	13.083	1823	1827	1833	rVV	3433762	3291876	2.95%	0.963%
32	13.154	1835	1839	1842	rVV	3524382	3134221	2.81%	0.917%
33	13.454	1886	1890	1893	rBV	4252740	3776374	3.39%	1.105%
34	13.807	1946	1950	1953	rBV	3513675	3038699	2.73%	0.889%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108314.D
Acq On : 21 Aug 2018 2:11
Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 26 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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.036	1985	1989	1996	rBV	5637992	5292586	4.75%	1.549%
36	14.148	2005	2008	2013	rVB	2828018	2408490	2.16%	0.705%
37	16.724	2439	2446	2454	rVB	1679113	3078472	2.76%	0.901%
38	18.112	2676	2682	2688	rBV	546516	1252291	1.12%	0.366%
39	18.200	2689	2697	2713	rVB	779116	2963307	2.66%	0.867%
40	18.865	2795	2810	2828	rVB	976346	5701021	5.12%	1.668%

Sum of corrected areas: 341778661

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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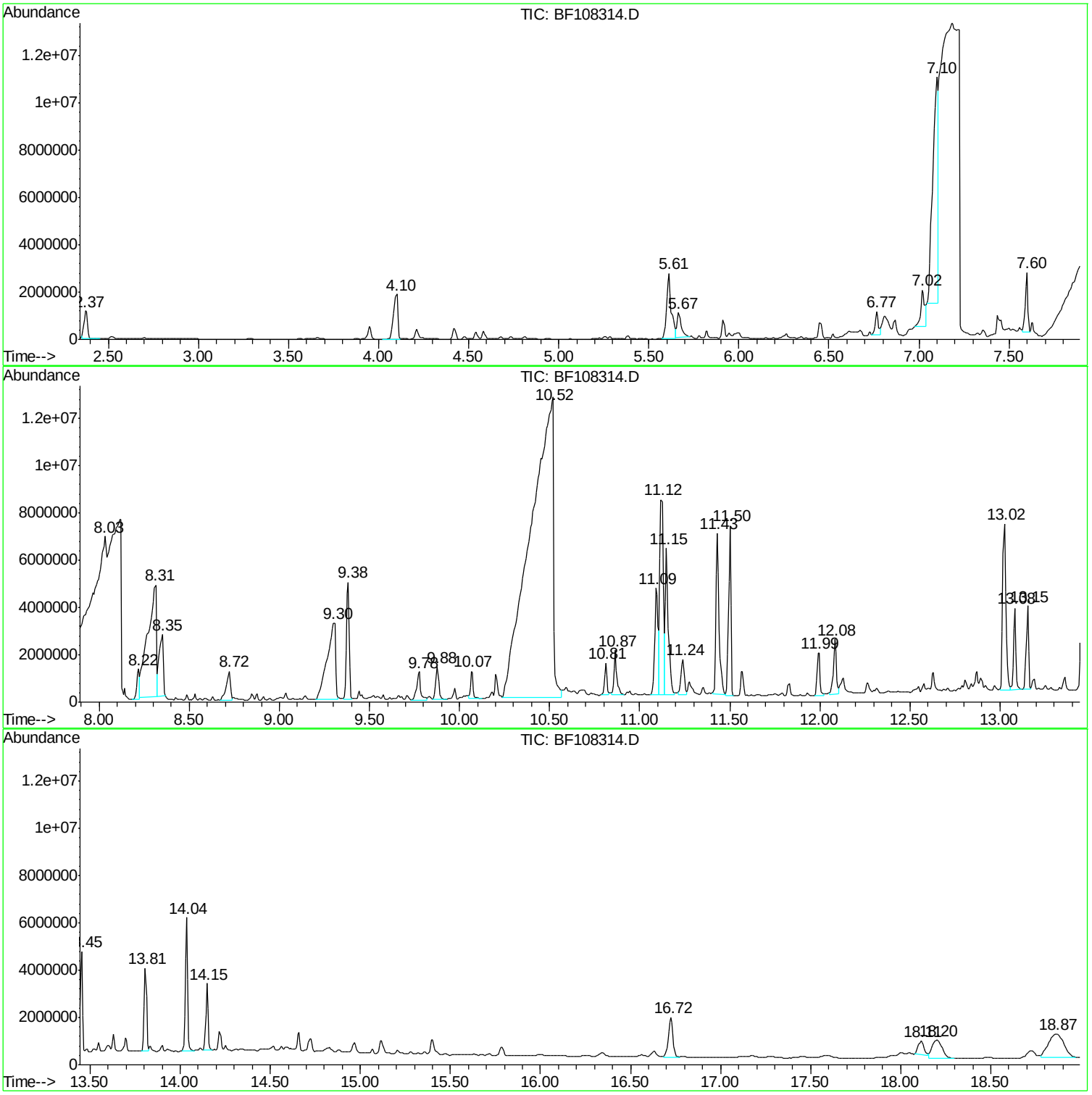
Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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

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Operator : JU/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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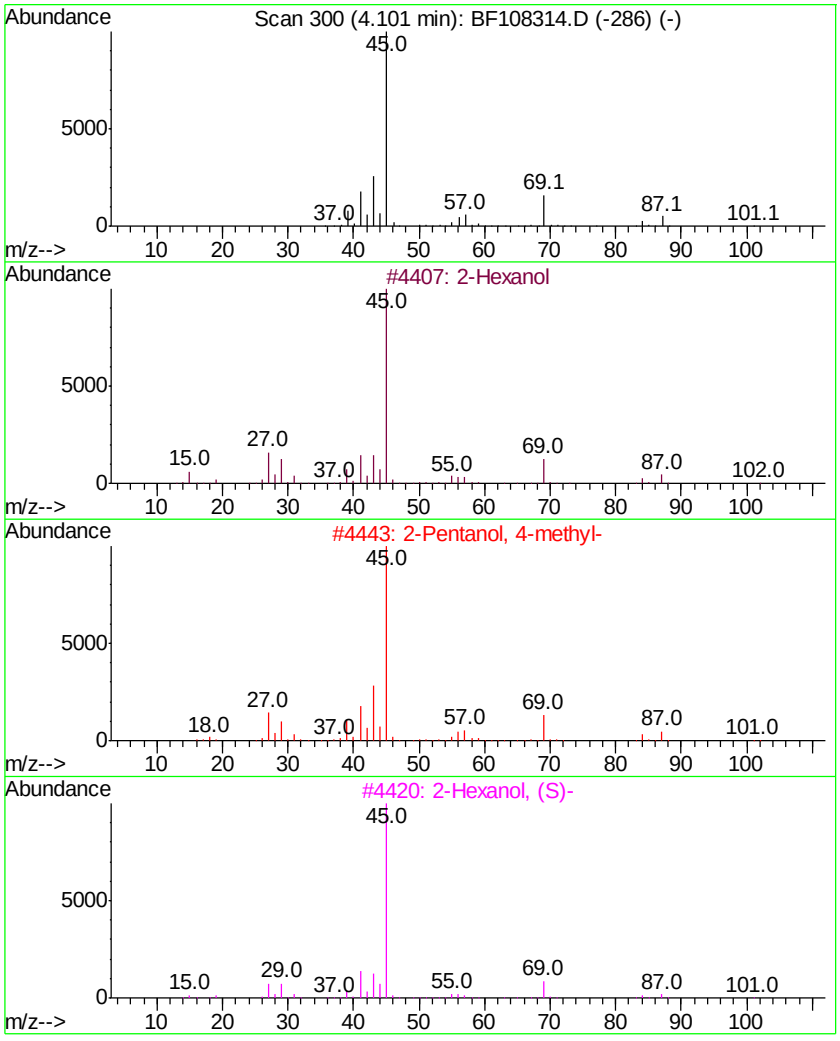
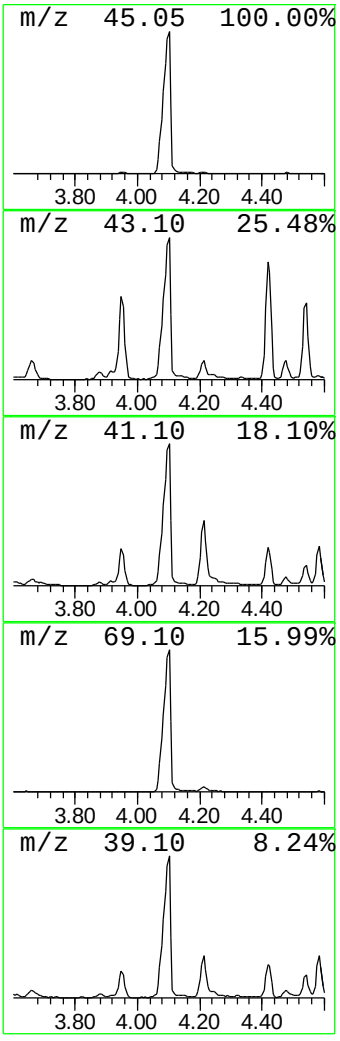
Peak Number 1 2-Hexanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	25.80 ng	3067610	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	43
5	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	40





Library Search Compound Report

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Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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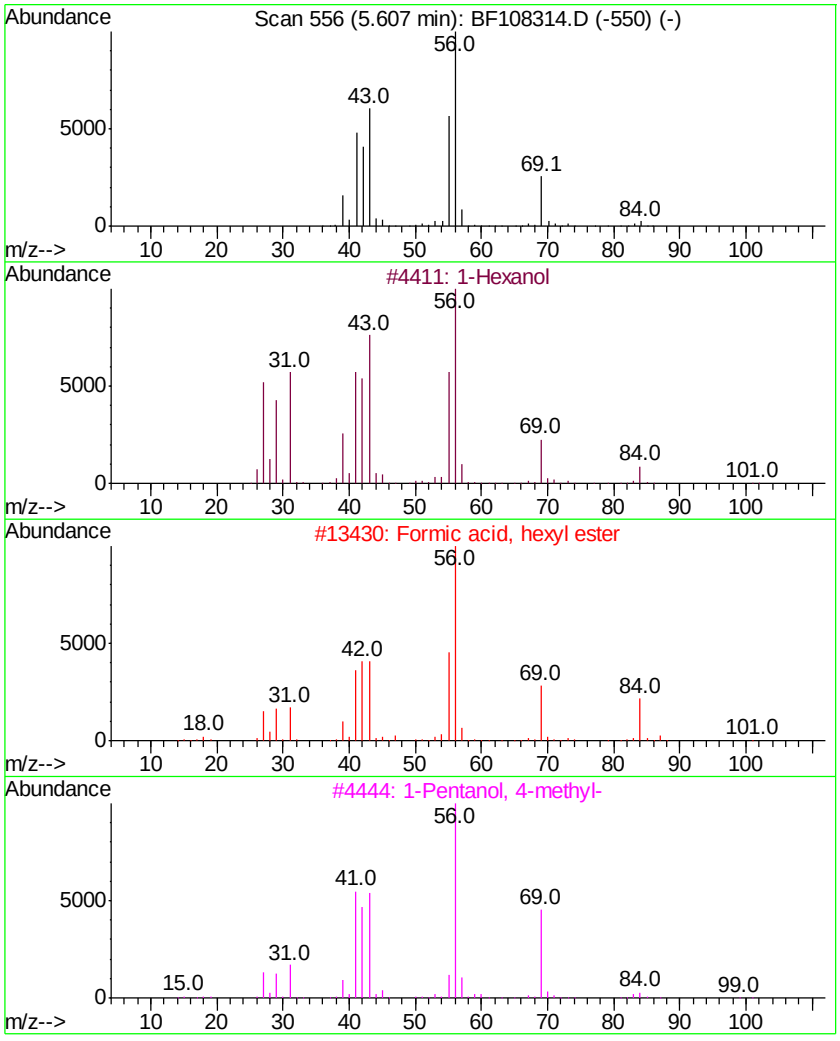
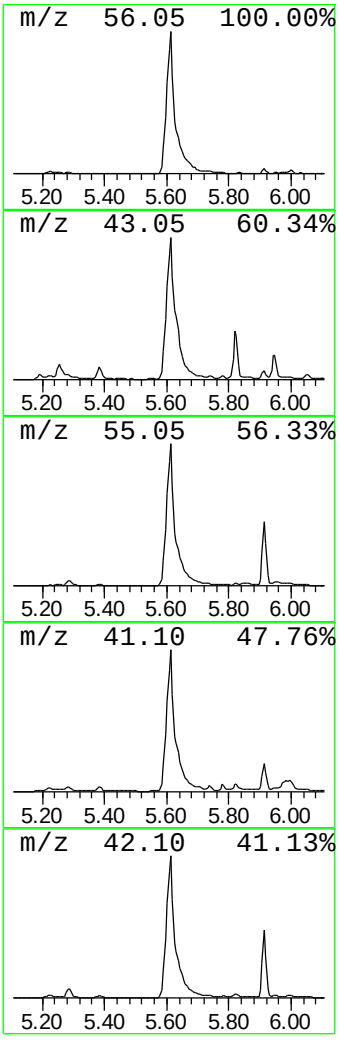
Peak Number 2 1-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	43.22 ng	5139040	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
3	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	72
4	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	56
5	Cyclopropane, propyl-	84	C6H12	002415-72-7	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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Sample : J4506-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

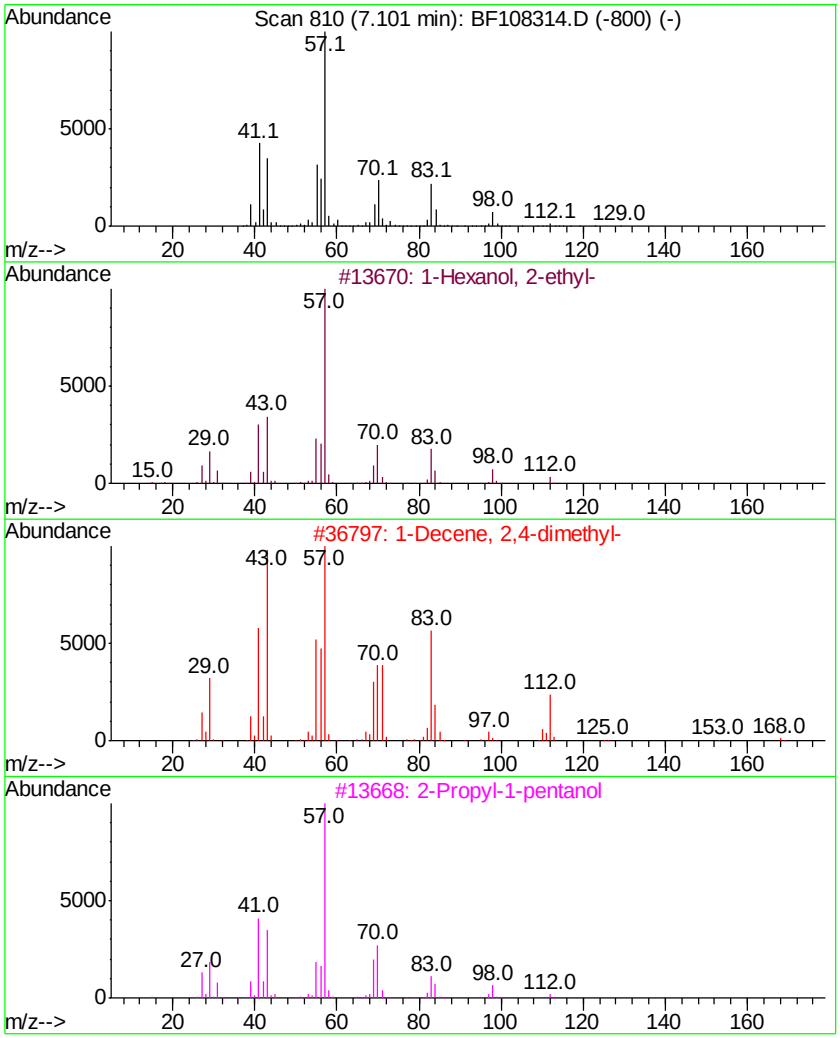
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

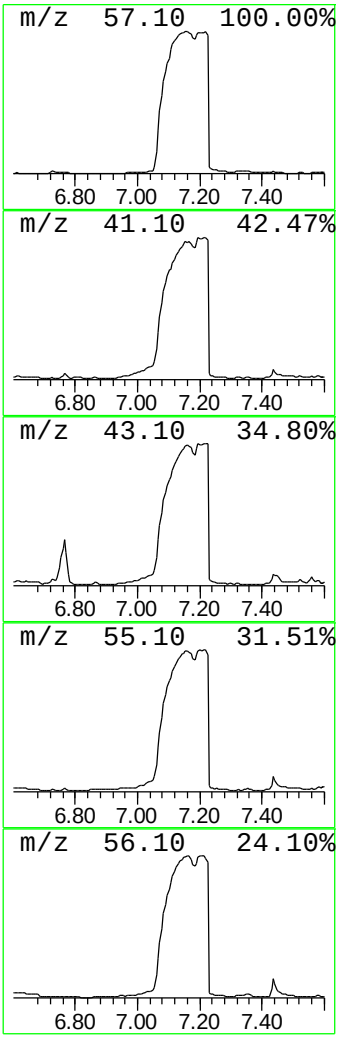
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	176.33 ng	20963500	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
4	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	45
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	45





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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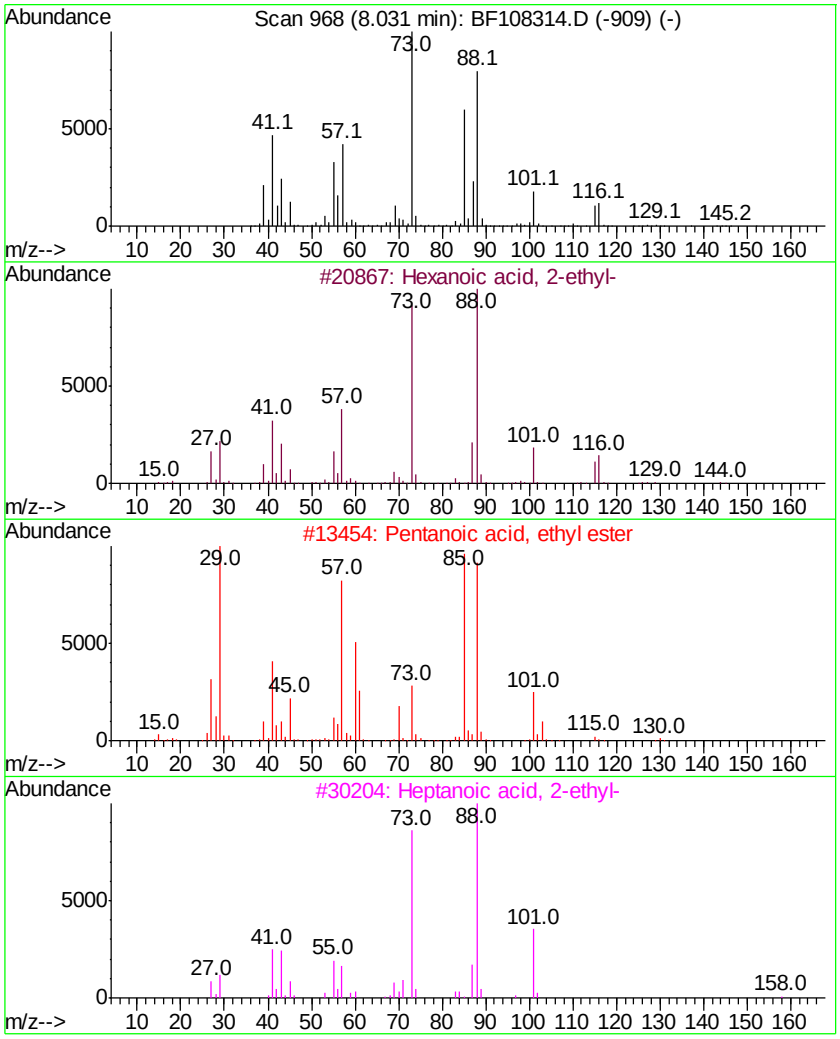
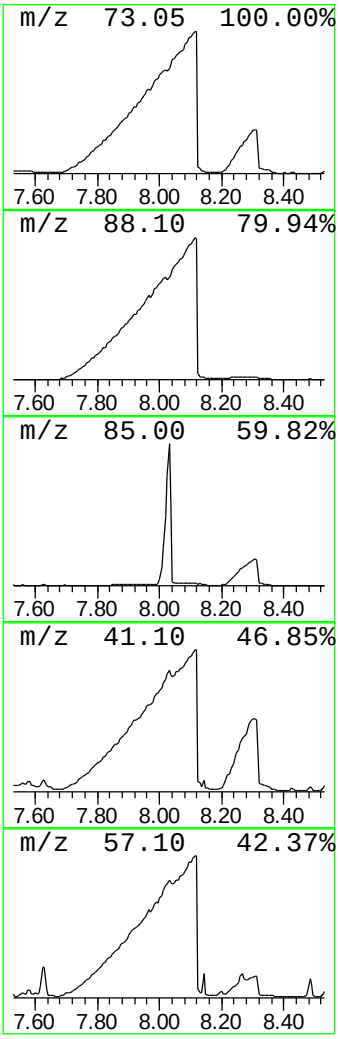
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	76.50 ng	58215100	Naphthalene-d8	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	53
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	47
4	Pentanoic acid, 2,4-dimethyl-, m...	144	C8H16O2	071672-33-8	47
5	Methyl L-(+)-.beta.-hydroxyisobu...	118	C5H10O3	080657-57-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

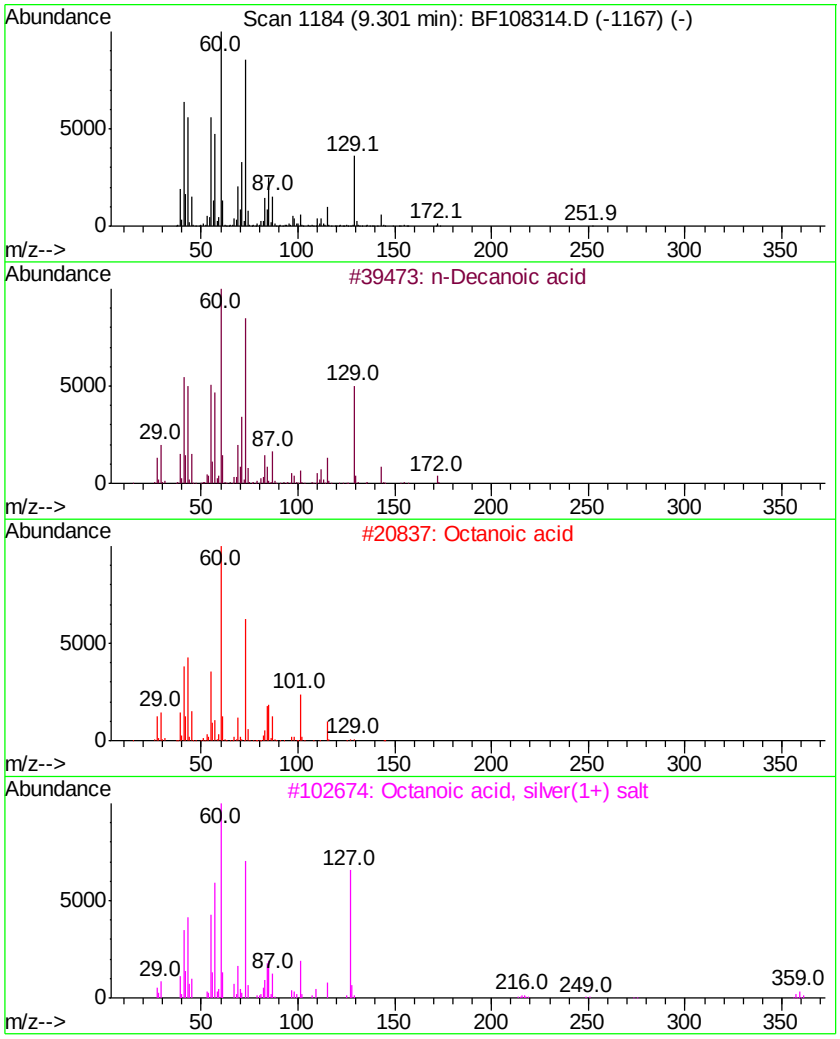
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

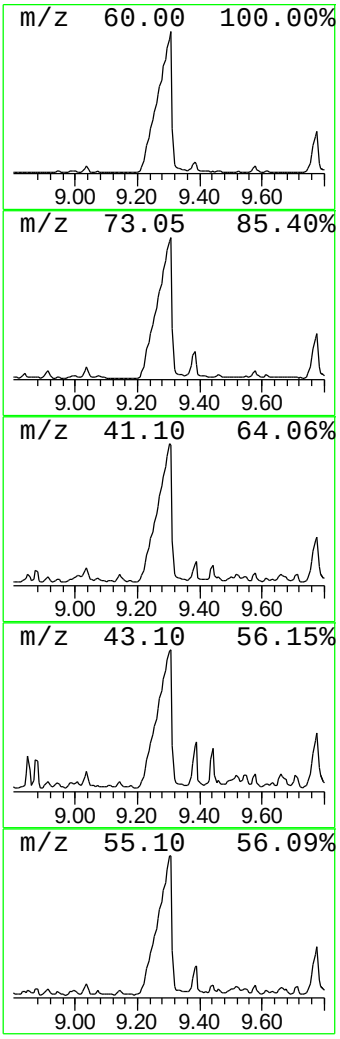
****

Peak Number 5 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	166.18 ng	10311200	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	97
2	Octanoic acid	144	C8H16O2	000124-07-2	59
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	53
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	49





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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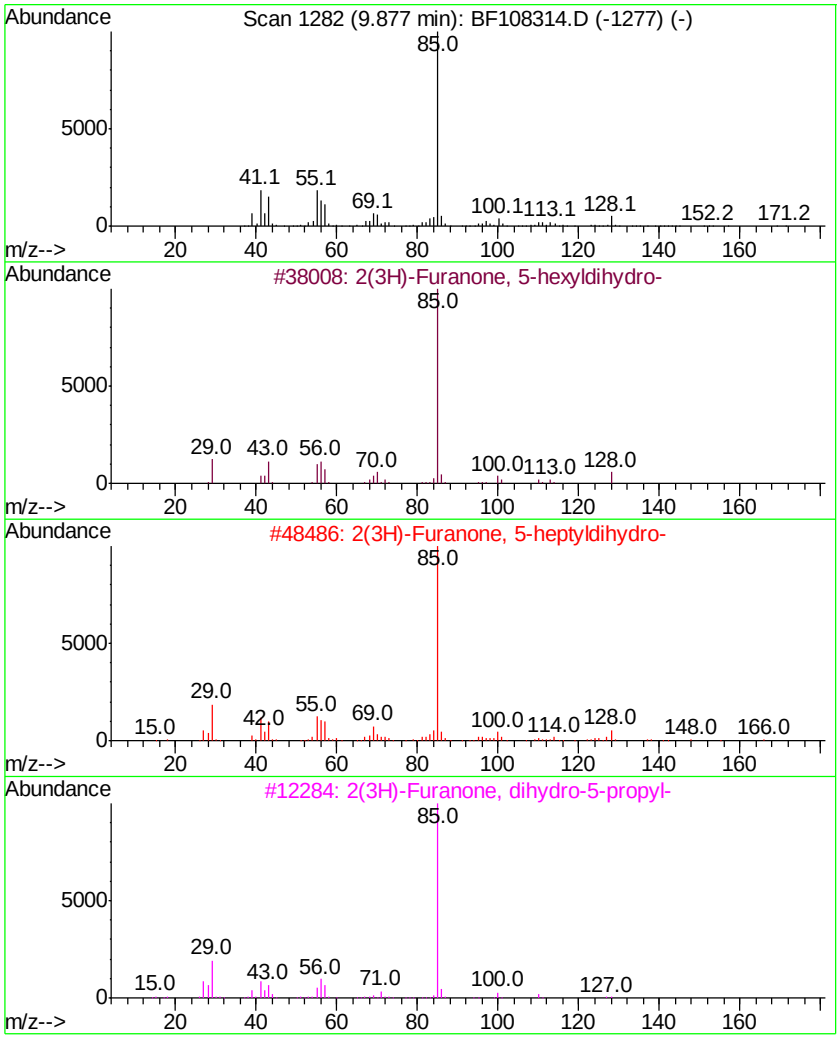
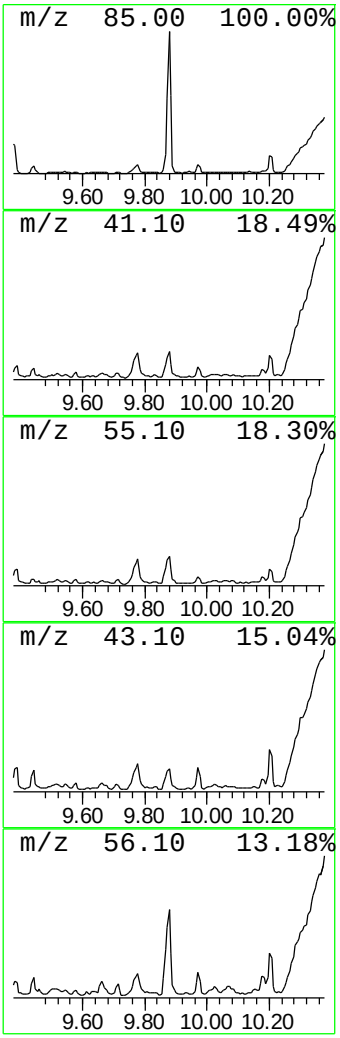
Peak Number 6 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	23.95 ng	1486190	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	83
2	2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	83
3	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	72
4	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	72
5	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	64





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

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

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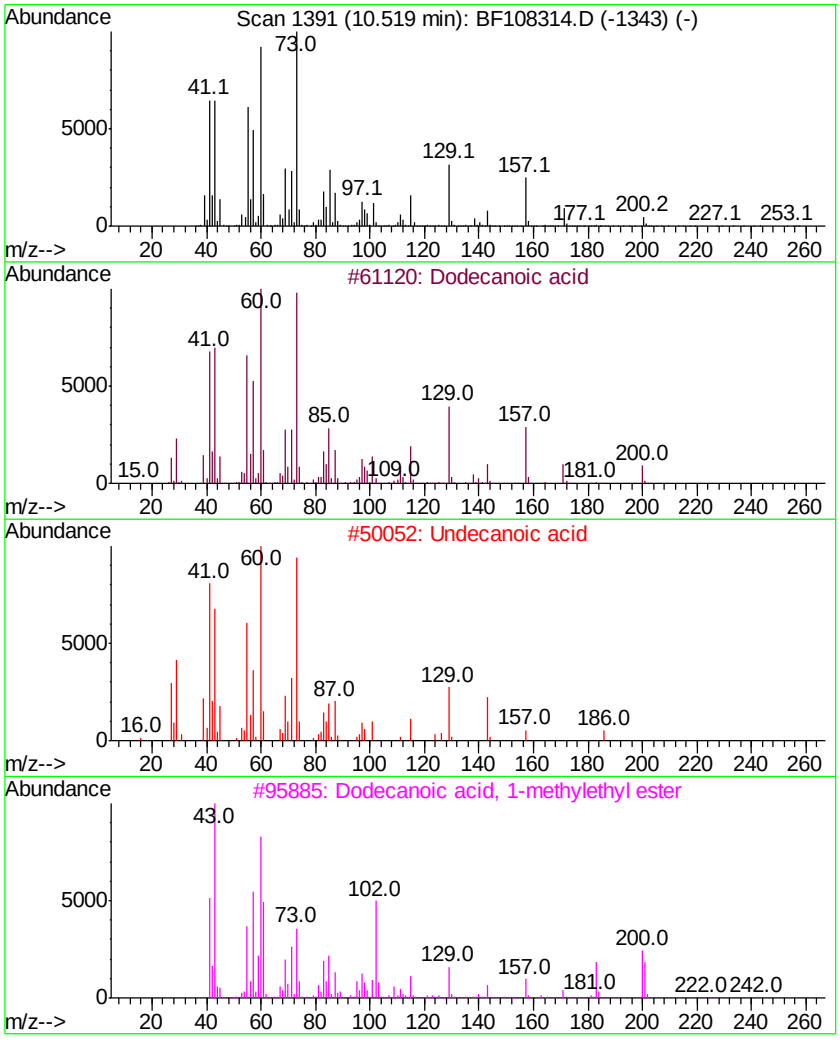
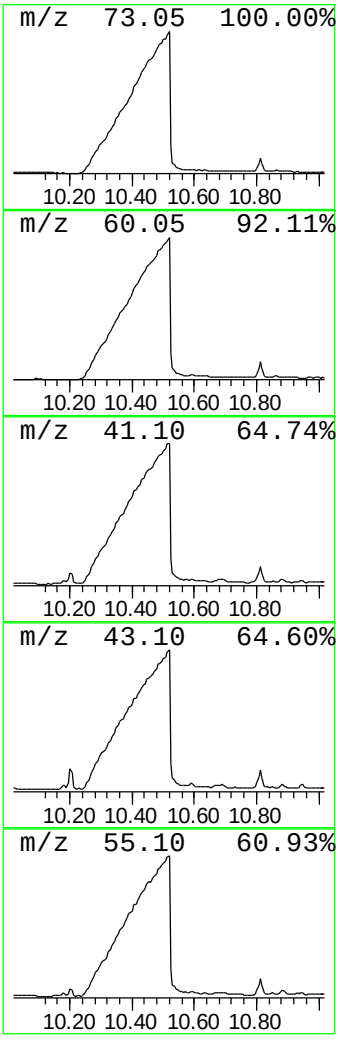
Peak Number 7 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	1795.44 ng	111404000	Acenaphthene-d10	10.07

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	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50





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Sample : J4506-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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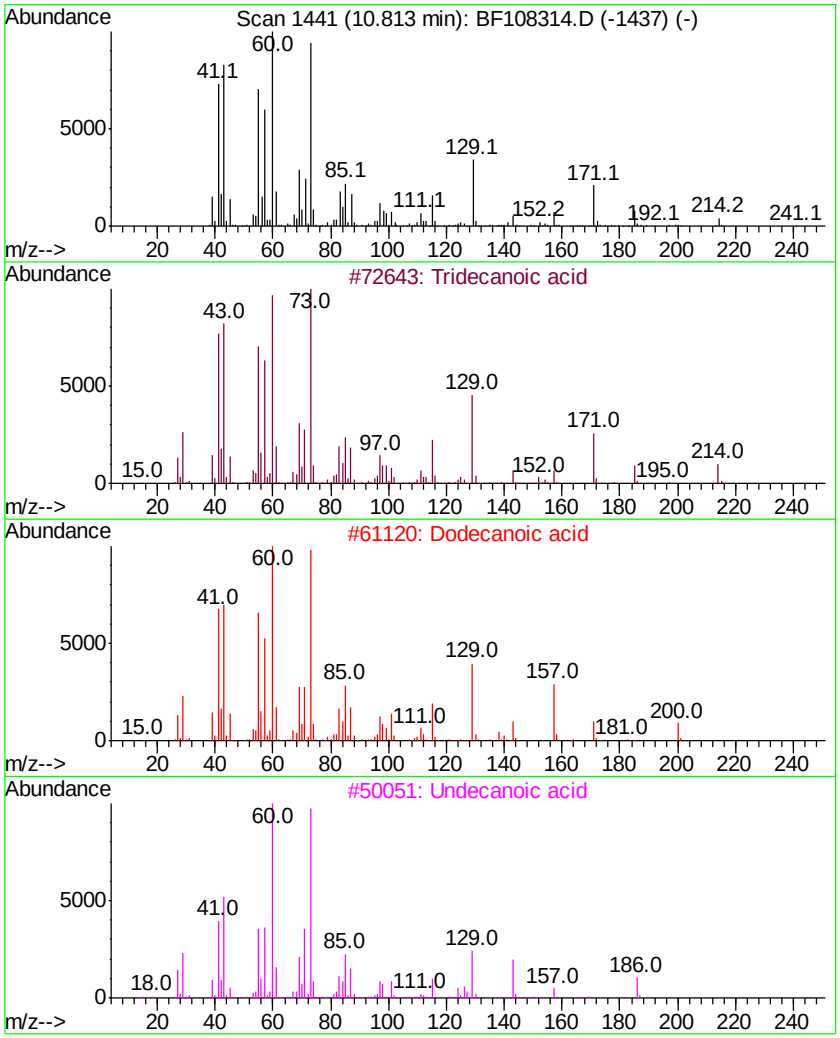
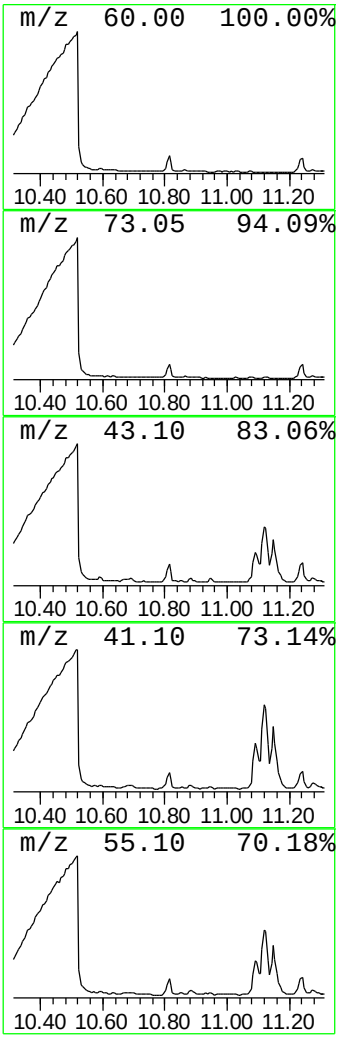
Peak Number 8 Tridecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	21.04 ng	1305360	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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Sample : J4506-02
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Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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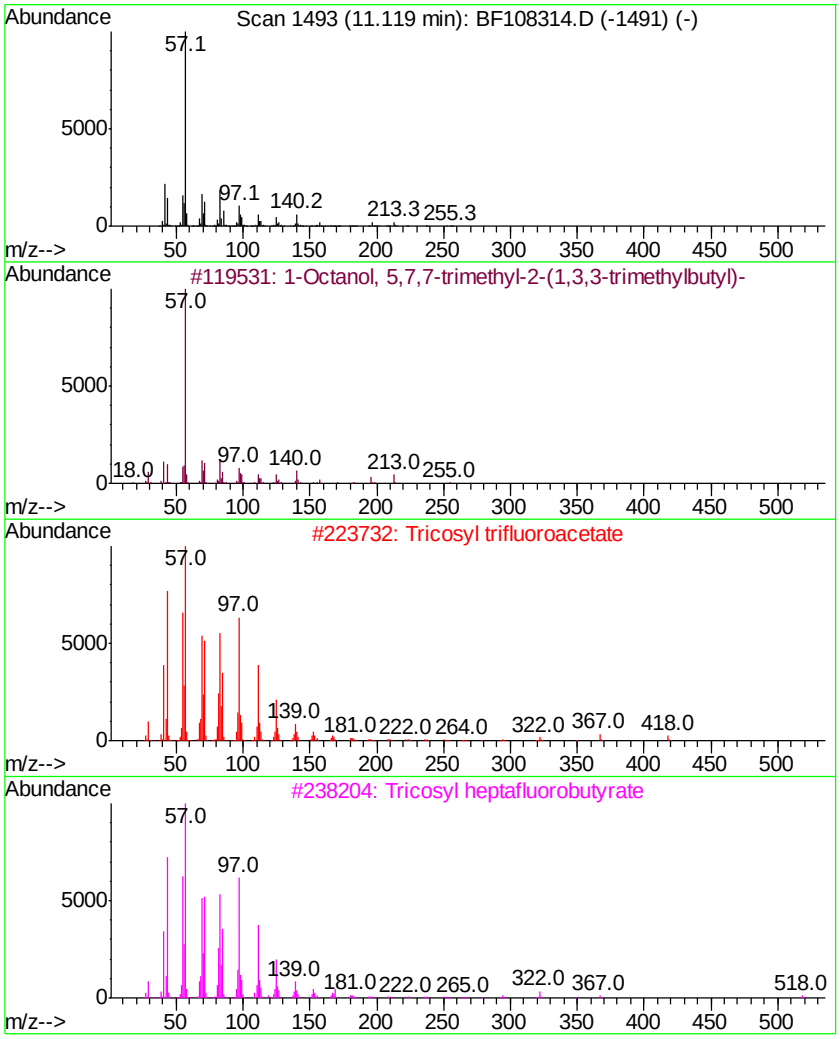
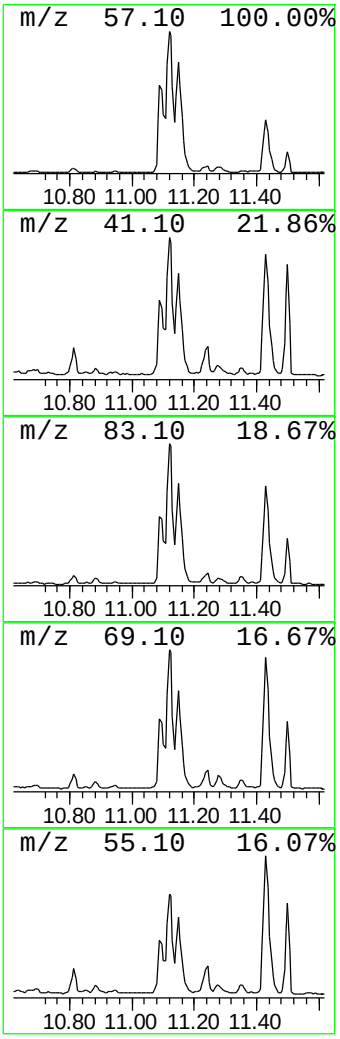
Peak Number 9 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	32.67 ng	10341900	Phenanthrene-d10	11.57

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	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	50
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	50
4	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	50
5	trans-1,4-Di-tert-butyl-cyclohexane	196	C14H28	004789-35-9	49





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Acq On : 21 Aug 2018 2:11
Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 26 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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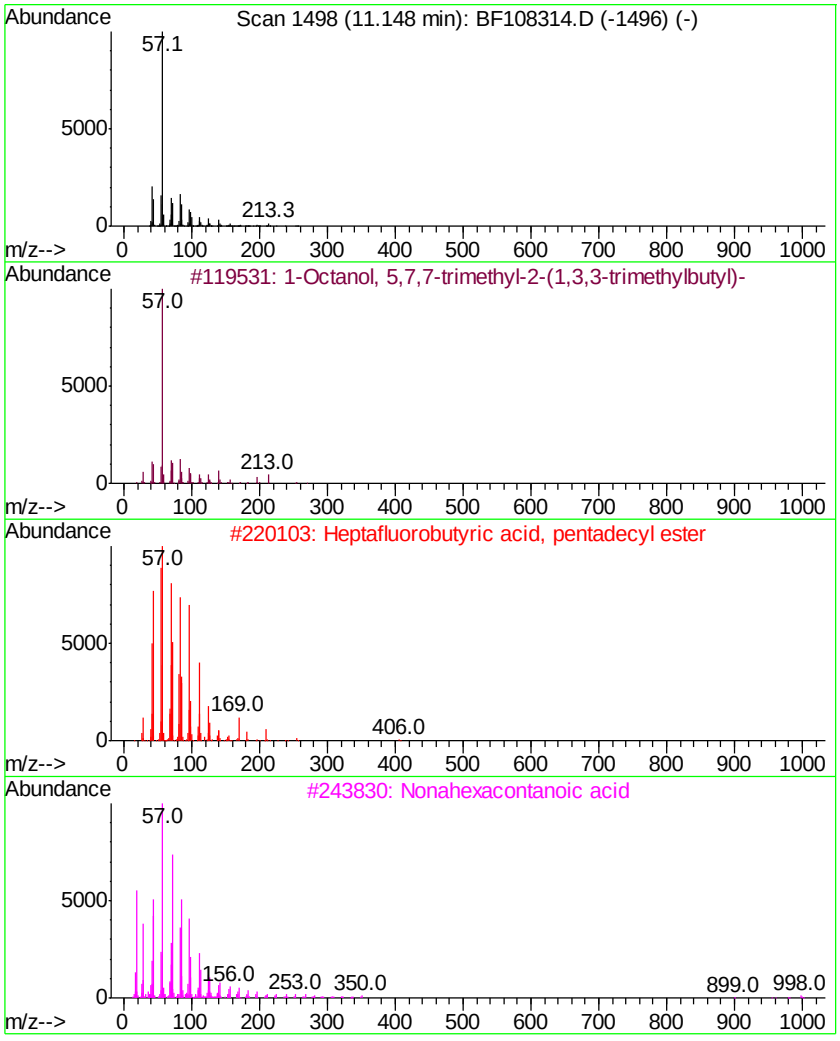
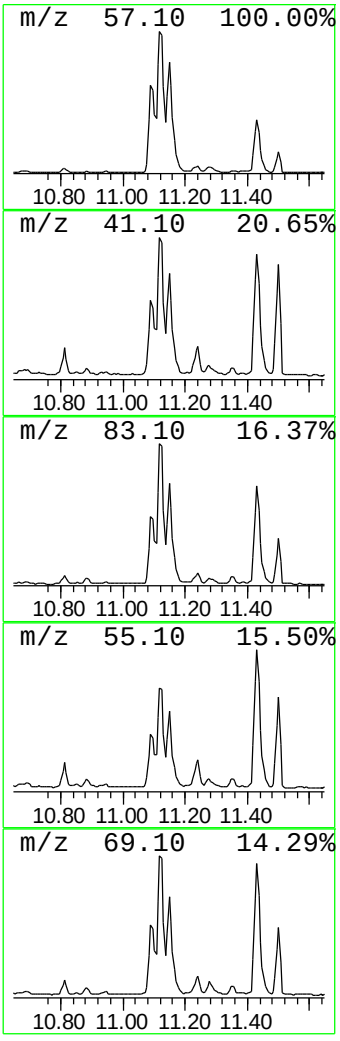
Peak Number 10 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	23.24 ng	7357490	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	59
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	50
3	Nonahexacontanoic acid	999	C69H138O2	040710-32-5	50
4	Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	50
5	Undecane, 6-cyclohexyl-	238	C17H34	013151-81-0	50





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Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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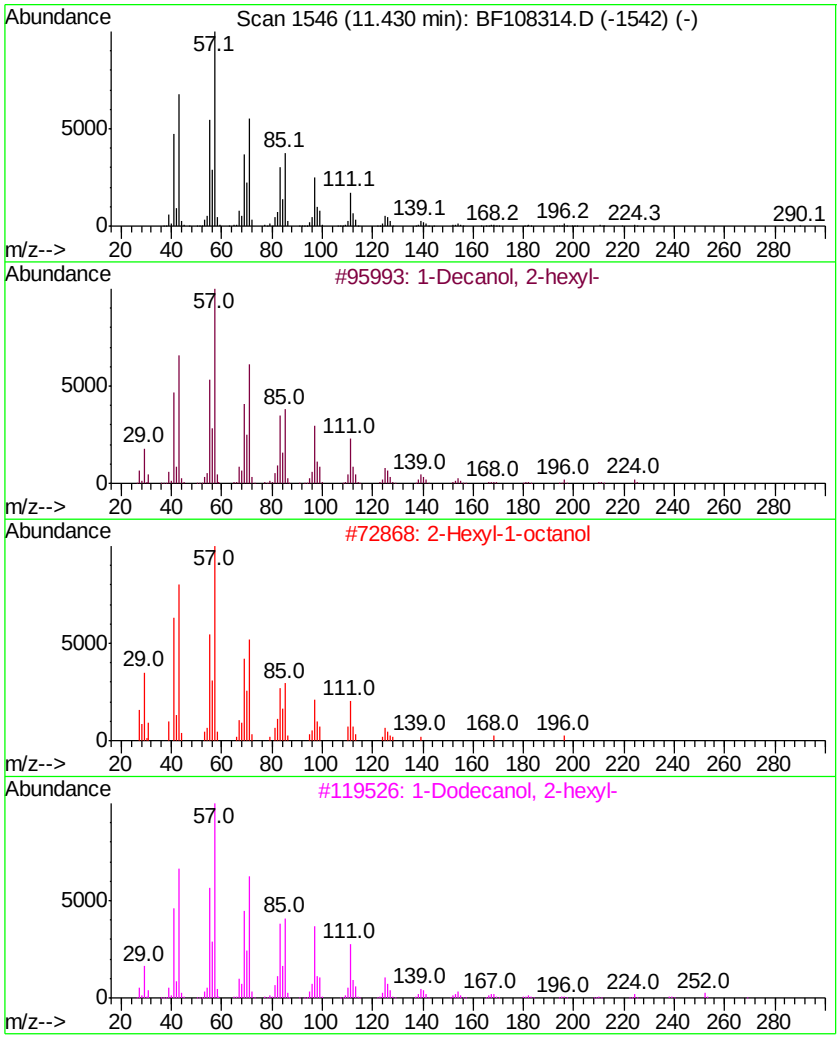
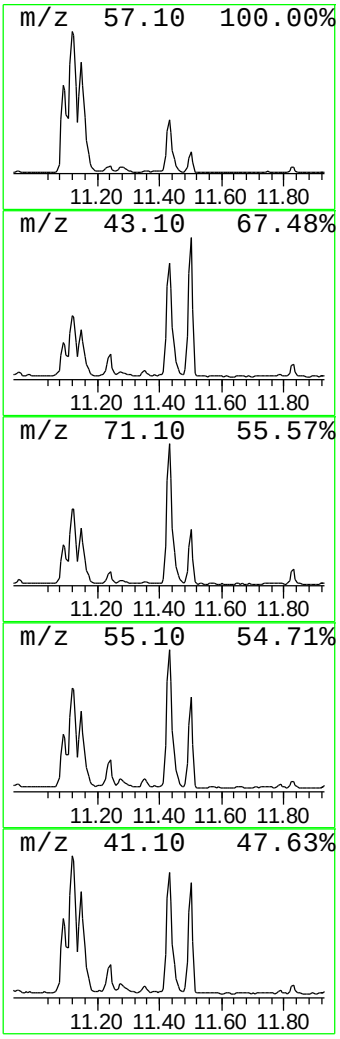
Peak Number 11 1-Decanol, 2-hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	27.52 ng	8710770	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	64





Library Search Compound Report

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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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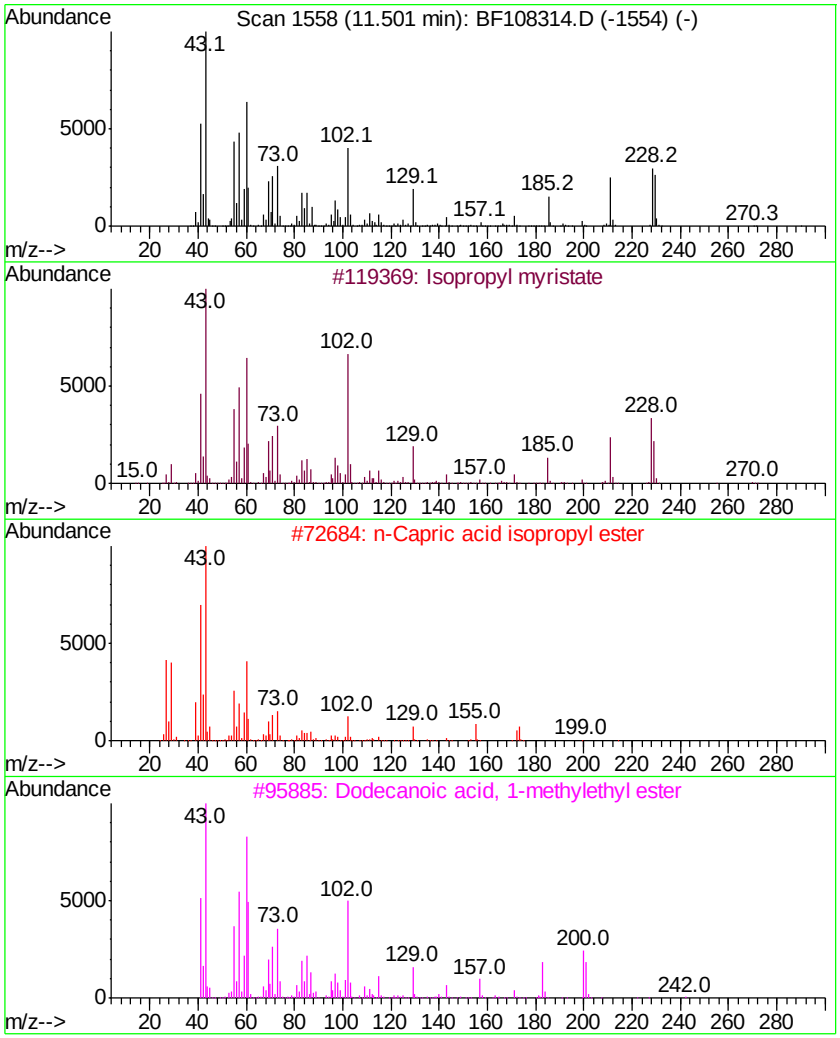
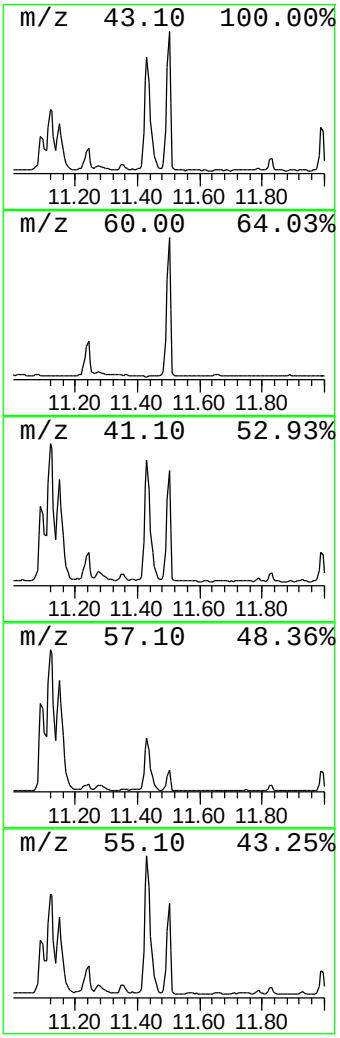
Peak Number 12 Isopropyl myristate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	20.00 ng	6331030	Phenanthrene-d10	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl myristate	270	C17H34O2	000110-27-0	90
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	22
5	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	22





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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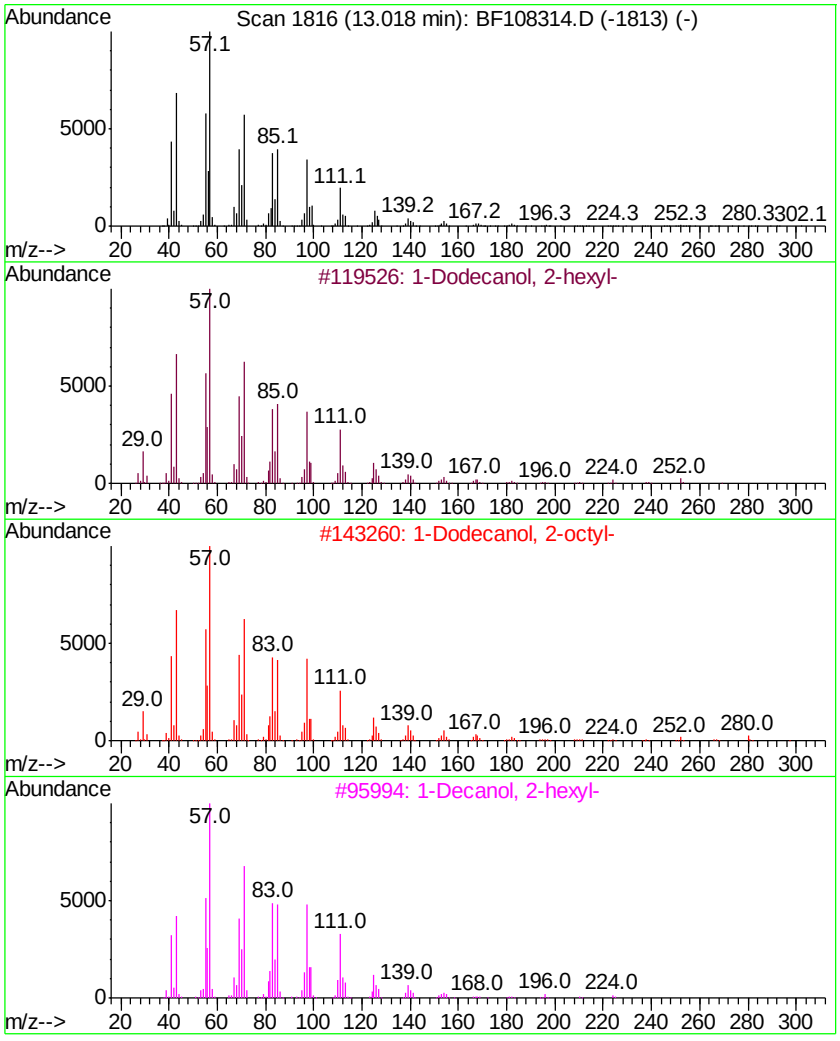
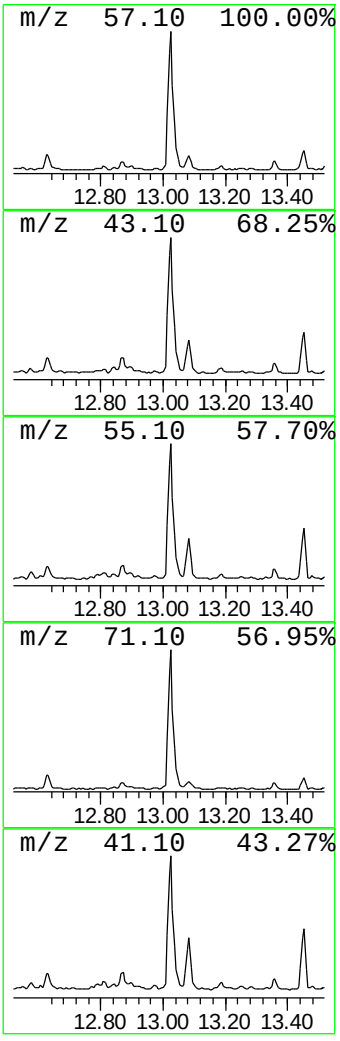
Peak Number 13 1-Dodecanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	68.86 ng	8291920	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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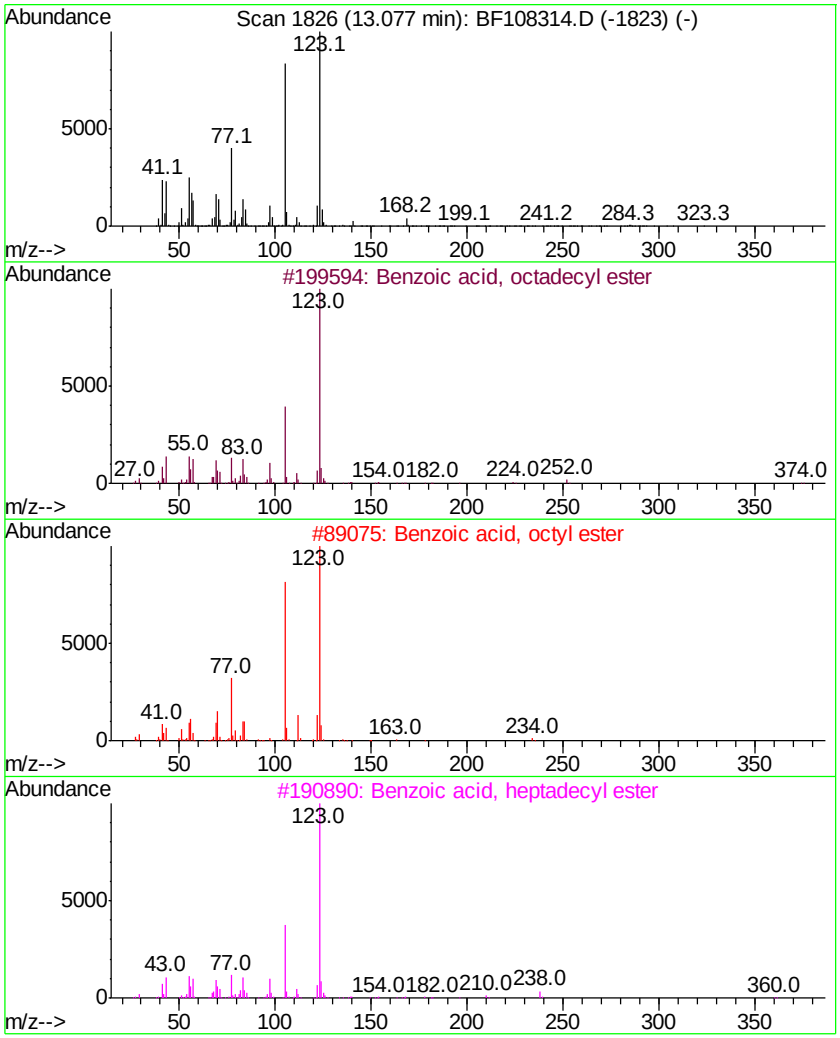
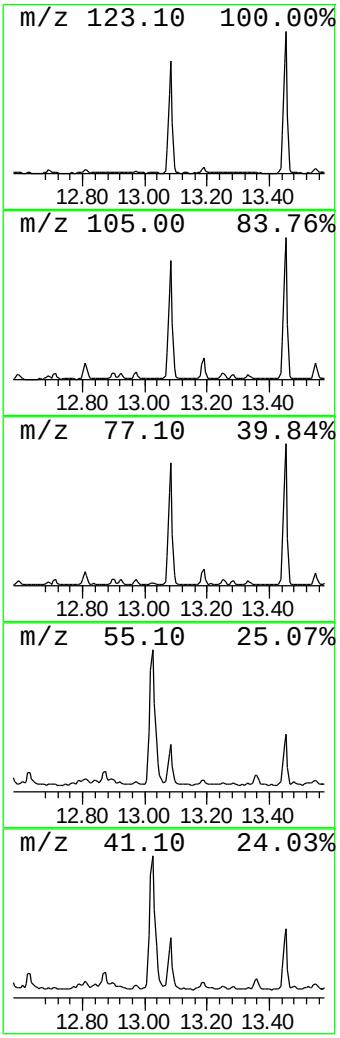
Peak Number 14 Benzoic acid, octadecyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	27.34 ng	3291880	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
2	Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	80
3	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	78
4	2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	72
5	Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	72





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Misc :
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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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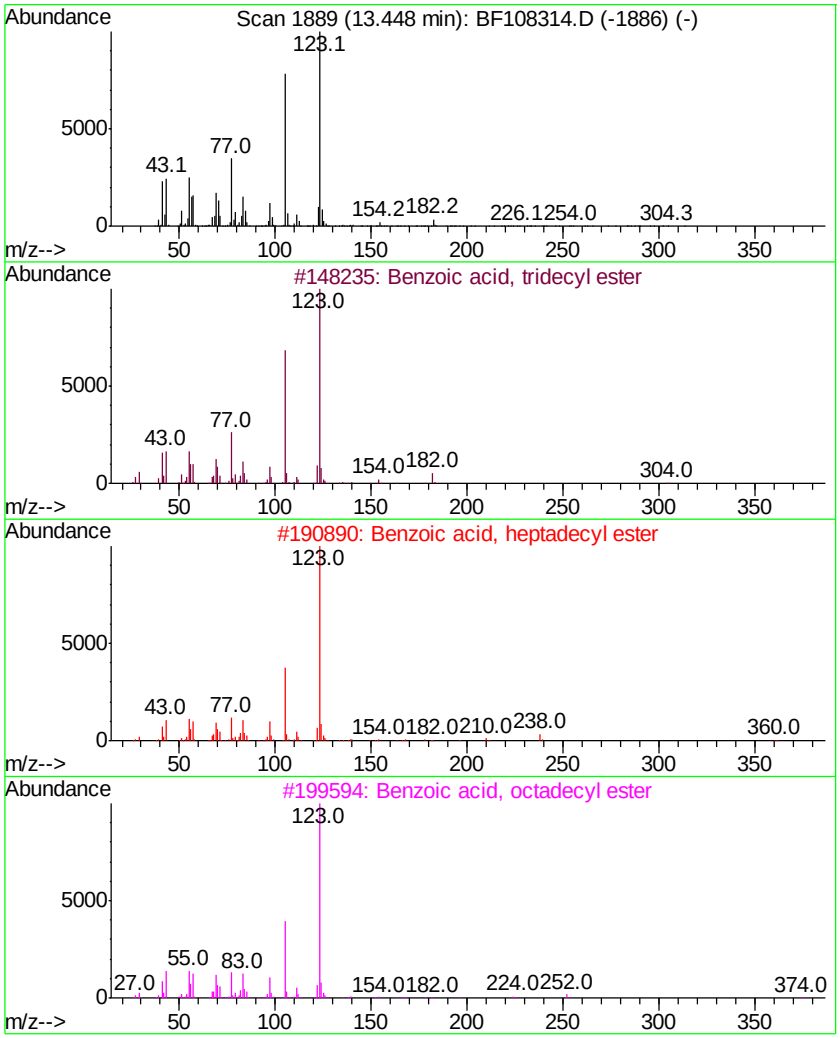
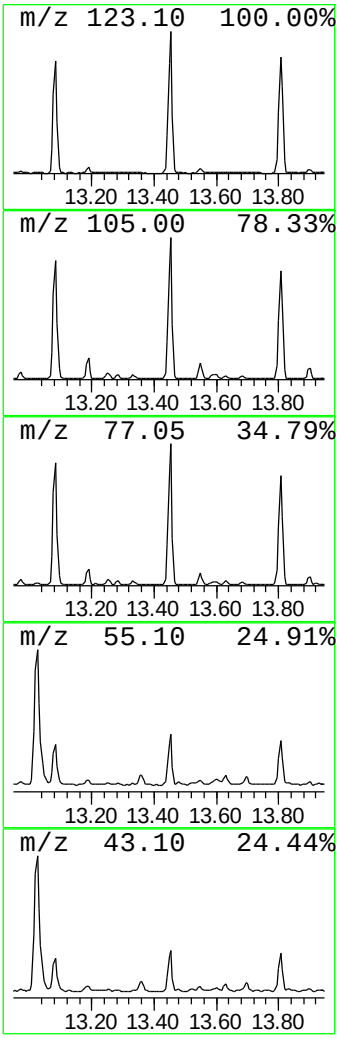
Peak Number 15 Benzoic acid, tridecyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	31.36 ng	3776370	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	87
3	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	83
4	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	80
5	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	80





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

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

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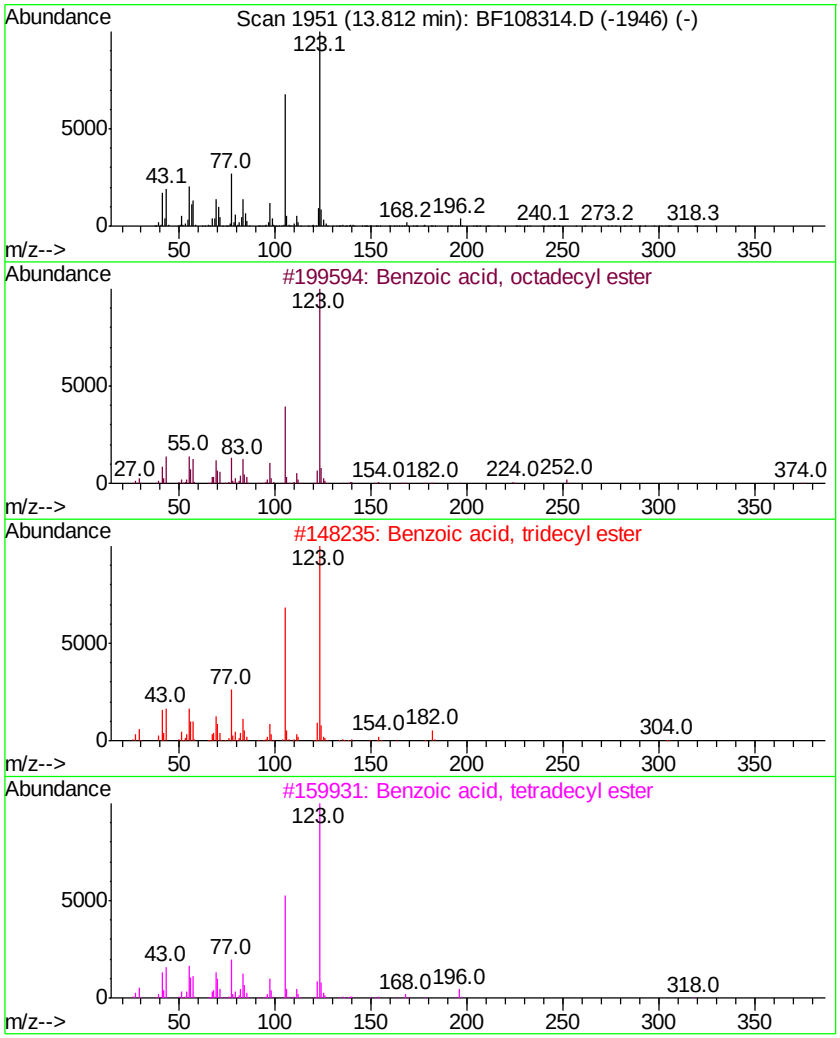
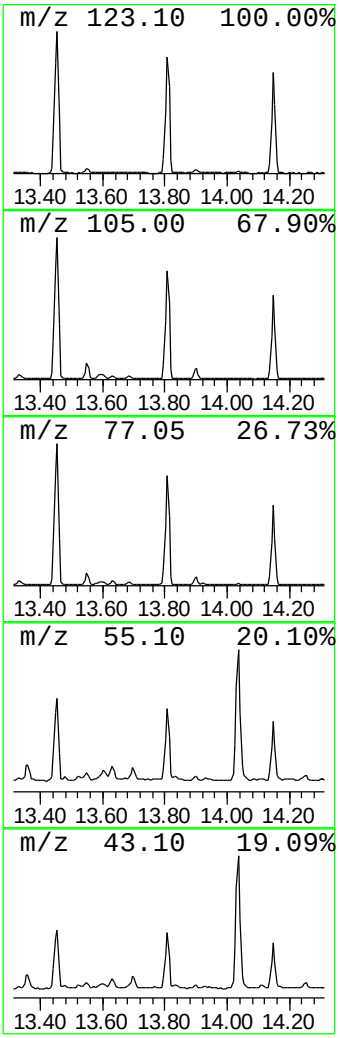
Peak Number 16 Benzoic acid, heptadecyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	25.23 ng	3038700	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
2	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
3	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	90
4	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	90
5	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90





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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

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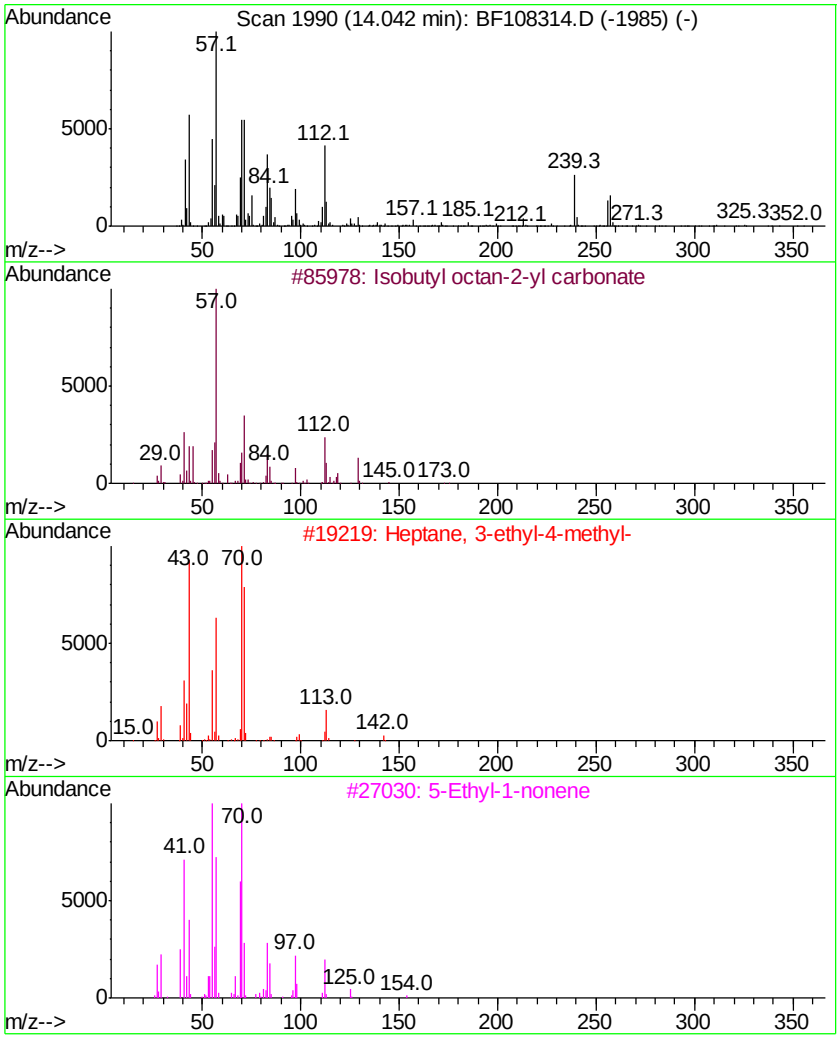
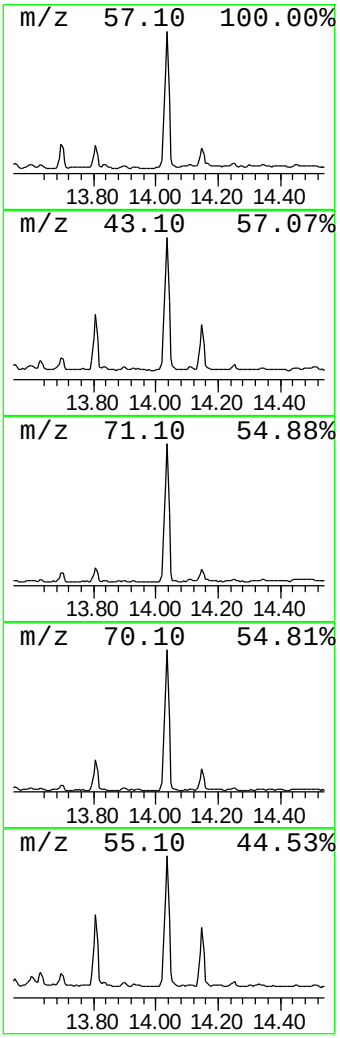
Peak Number 17 Isobutyl octan-2-yl carbonate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	43.95 ng	5292590	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	64
2	Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	35
3	5-Ethyl-1-nonene	154	C11H22	019780-74-6	30
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	27
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	27





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

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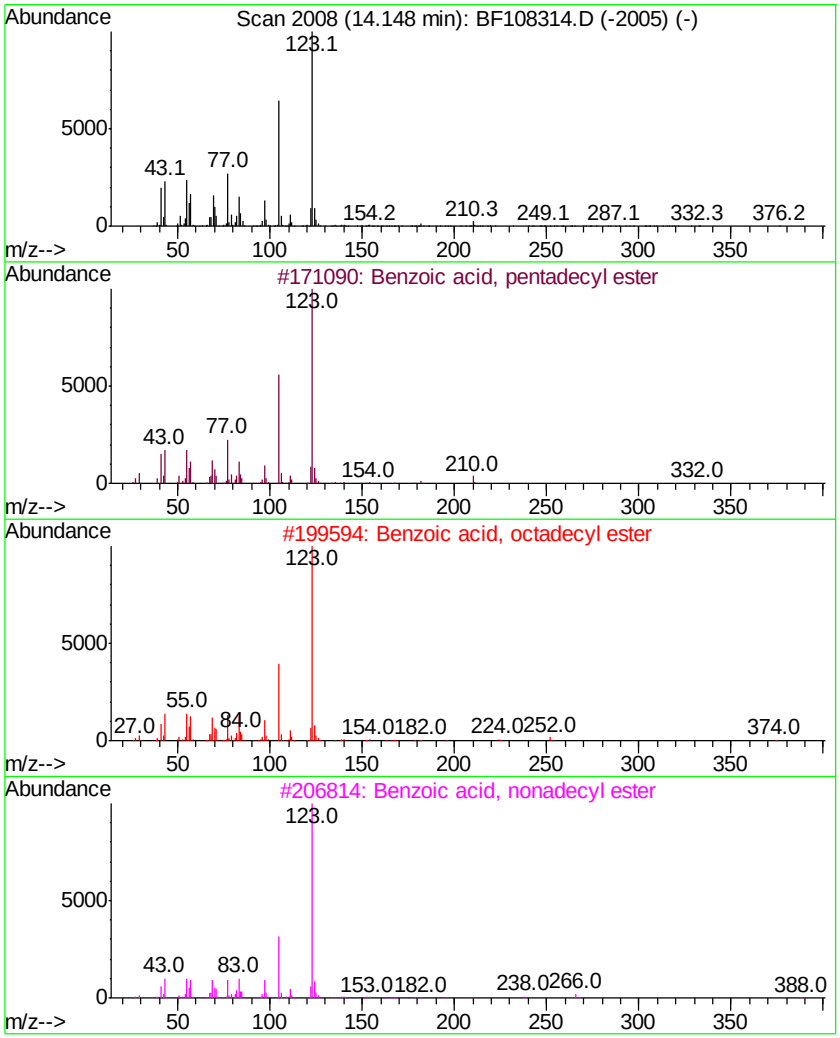
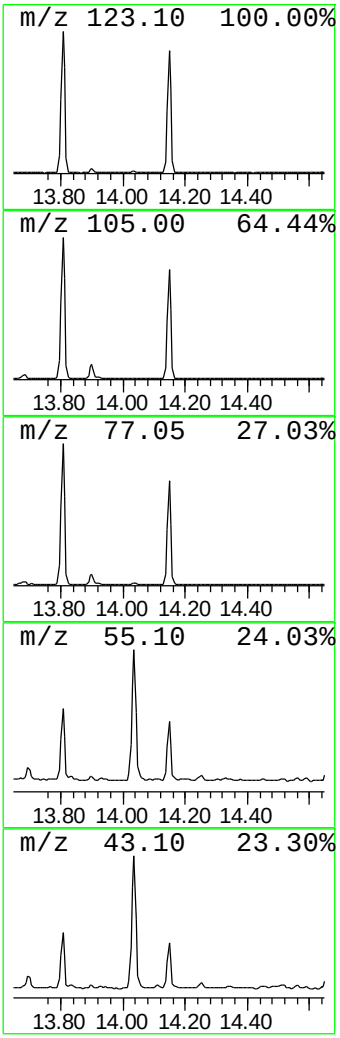
Peak Number 18 Benzoic acid, pentadecyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	20.00 ng	2408490	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	95
2	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
3	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
4	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
5	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	90





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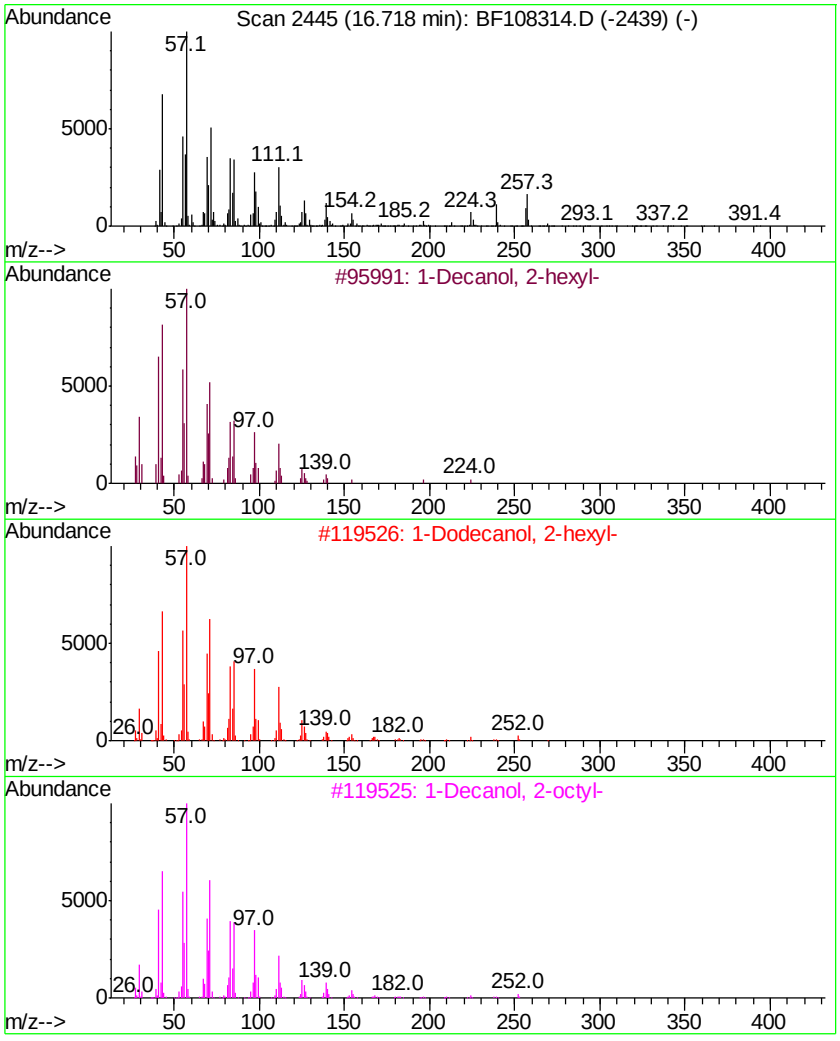
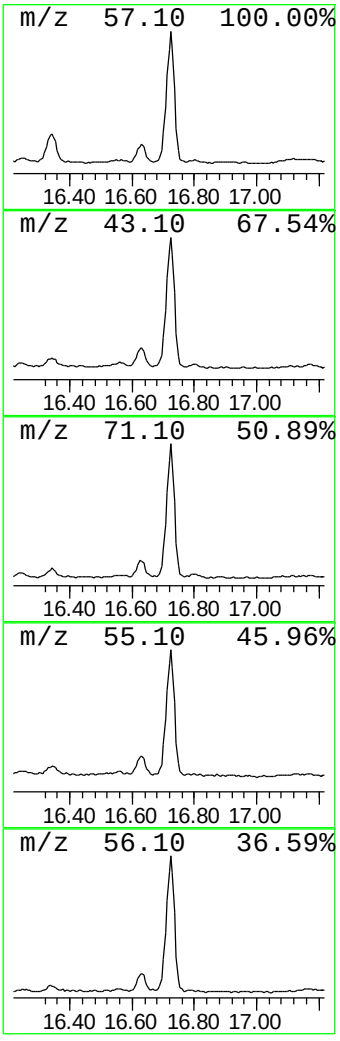
Peak Number 19 1-Decanol, 2-hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	20.00 ng	3078470	Perylene-d12	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	64
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	62
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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Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

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

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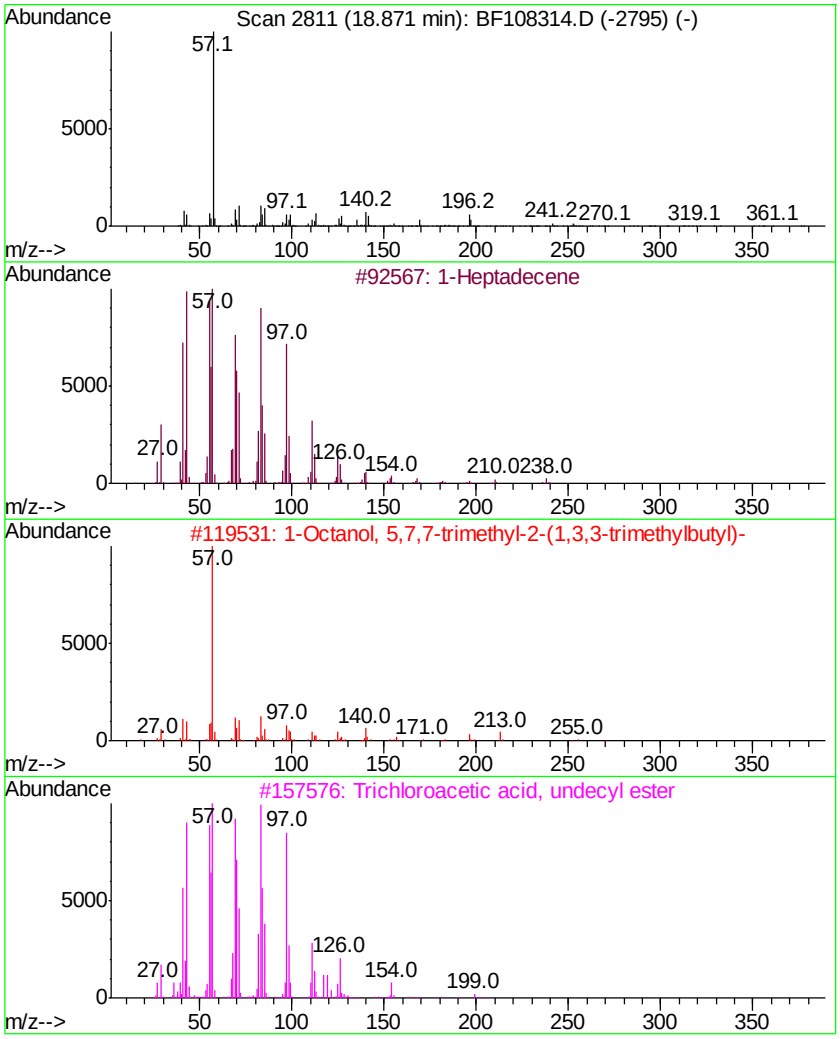
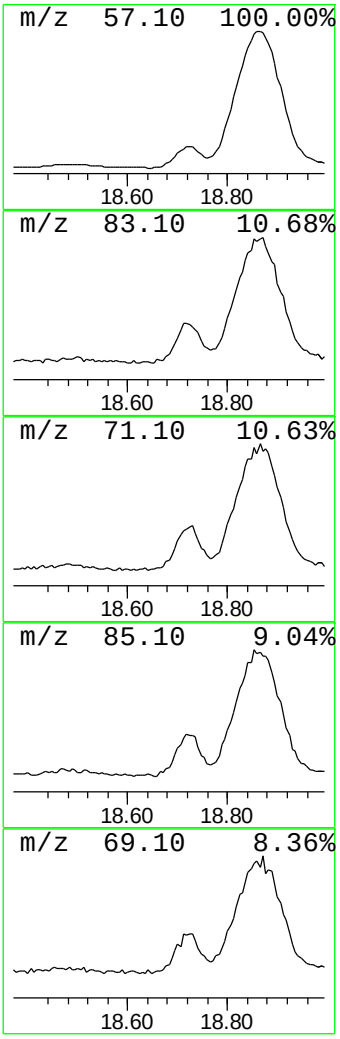
Peak Number 20 1-Heptadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	37.04 ng	5701020	Perylene-d12	15.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	70
2	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	68
3	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	50
4	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	46
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108314.D
Acq On : 21 Aug 2018 2:11
Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
2-Hexanol	4.10	25.8	ng	3067610	1	7.02	2377810	20.0
1-Hexanol	5.61	43.2	ng	5139040	1	7.02	2377810	20.0
1-Hexanol, 2-ethyl-	7.10	176.3	ng	20963500	1	7.02	2377810	20.0
Hexanoic acid, 2-...	8.03	76.5	ng	58215100	2	8.31	15219900	20.0
n-Decanoic acid	9.30	166.2	ng	10311200	3	10.07	1240960	20.0
2(3H)-Furanone, 5...	9.88	23.9	ng	1486190	3	10.07	1240960	20.0
Dodecanoic acid	10.52	1795.4	ng	111404000	3	10.07	1240960	20.0
Tridecanoic acid	10.81	21.0	ng	1305360	3	10.07	1240960	20.0
1-Octanol, 5,7,7-...	11.12	32.7	ng	10341900	4	11.57	6331030	20.0
1-Octanol, 5,7,7-...	11.15	23.2	ng	7357490	4	11.57	6331030	20.0
1-Decanol, 2-hexyl-	11.43	27.5	ng	8710770	4	11.57	6331030	20.0
Isopropyl myristate	11.50	20.0	ng	6331030	4	11.57	6331030	20.0
1-Dodecanol, 2-he...	13.02	68.9	ng	8291920	5	14.22	2408490	20.0
Benzoic acid, oct...	13.08	27.3	ng	3291880	5	14.22	2408490	20.0
Benzoic acid, tri...	13.45	31.4	ng	3776370	5	14.22	2408490	20.0
Benzoic acid, hep...	13.81	25.2	ng	3038700	5	14.22	2408490	20.0
Isobutyl octan-2-...	14.04	44.0	ng	5292590	5	14.22	2408490	20.0
Benzoic acid, pen...	14.15	20.0	ng	2408490	5	14.22	2408490	20.0
1-Decanol, 2-hexyl-	16.72	20.0	ng	3078470	6	15.78	3078470	20.0
1-Heptadecene	18.87	37.0	ng	5701020	6	15.78	3078470	20.0