LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-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-BF121418.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	3.699	264	274	286	rBV	997690	1755681	11.44%	4.084%
2	3.816	286	294	310	rVB	3723089	5539728	36.09%	12.886%
3	6.445	735	741	751	rBV2	658576	752724	4.90%	1.751%
4	6.563	758	761	768	rBV	309963	262857	1.71%	0.611%
5	6.792	796	800	803	rBV	971709	784915	5.11%	1.826%
6	6.863	809	812	823	rVV	151819	201357	1.31%	0.468%
7	6.951	823	827	832	rVB	279422	258930	1.69%	0.602%
8	7.334	888	892	902	rBV2	446969	536746	3.50%	1.249%
9	7.657	907	947	949	rBV2	2680539	15350231	100.00%	35.706%
10	7.987	1000	1003	1010	rBV	635716	584311	3.81%	1.359%
11	8.075	1014	1018	1021	rVV	1080005	881196	5.74%	2.050%
12	8.234	1042	1045	1050	rVB	151487	164289	1.07%	0.382%
13	8.292	1050	1055	1060	rVB2	200286	224361	1.46%	0.522%
14	8.351	1060	1065	1071	rBV2	225645	344725	2.25%	0.802%
15	8.398	1071	1073	1080	rBV	751183	925594	6.03%	2.153%
16	8.469	1080	1085	1087	rVV2	279883	451251	2.94%	1.050%
17	8.516	1091	1093	1098	rVB	178193	162408	1.06%	0.378%
18	9.151	1198	1201	1206	rVB	390057	316656	2.06%	0.737%
19	9.481	1252	1257	1259	rBV	416288	401760	2.62%	0.935%
20	9.498	1259	1260	1269	rVV	548579	507118	3.30%	1.180%
21	9.633	1280	1283	1291	rVV	3057440	4618922	30.09%	10.744%
22	9.698	1291	1294	1305	rVV2	695576	1177629	7.67%	2.739%
23	9.786	1306	1309	1314	rVV2	228794	426986	2.78%	0.993%
24	9.833	1314	1317	1326	rVB	934625	883478	5.76%	2.055%
25	9.980	1337	1342	1352	rBV	718423	788451	5.14%	1.834%
26	10.616	1446	1450	1459	rBV	173558	167705	1.09%	0.390%
27	11.198	1546	1549	1556	rBV	242409	237032	1.54%	0.551%
28	11.316	1565	1569	1577	rVB	810136	782960	5.10%	1.821%
29	12.586	1781	1785	1789	rBV	1843567	1473102	9.60%	3.427%
30	12.627	1789	1792	1803	rVB	122264	174639	1.14%	0.406%
31	12.898	1834	1838	1843	rVB	329129	311531	2.03%	0.725%
32	13.951	2013	2017	2023	rBV	964419	885457	5.77%	2.060%
33	15.392	2257	2262	2271	rBV	448865	655478	4.27%	1.525%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 42990208

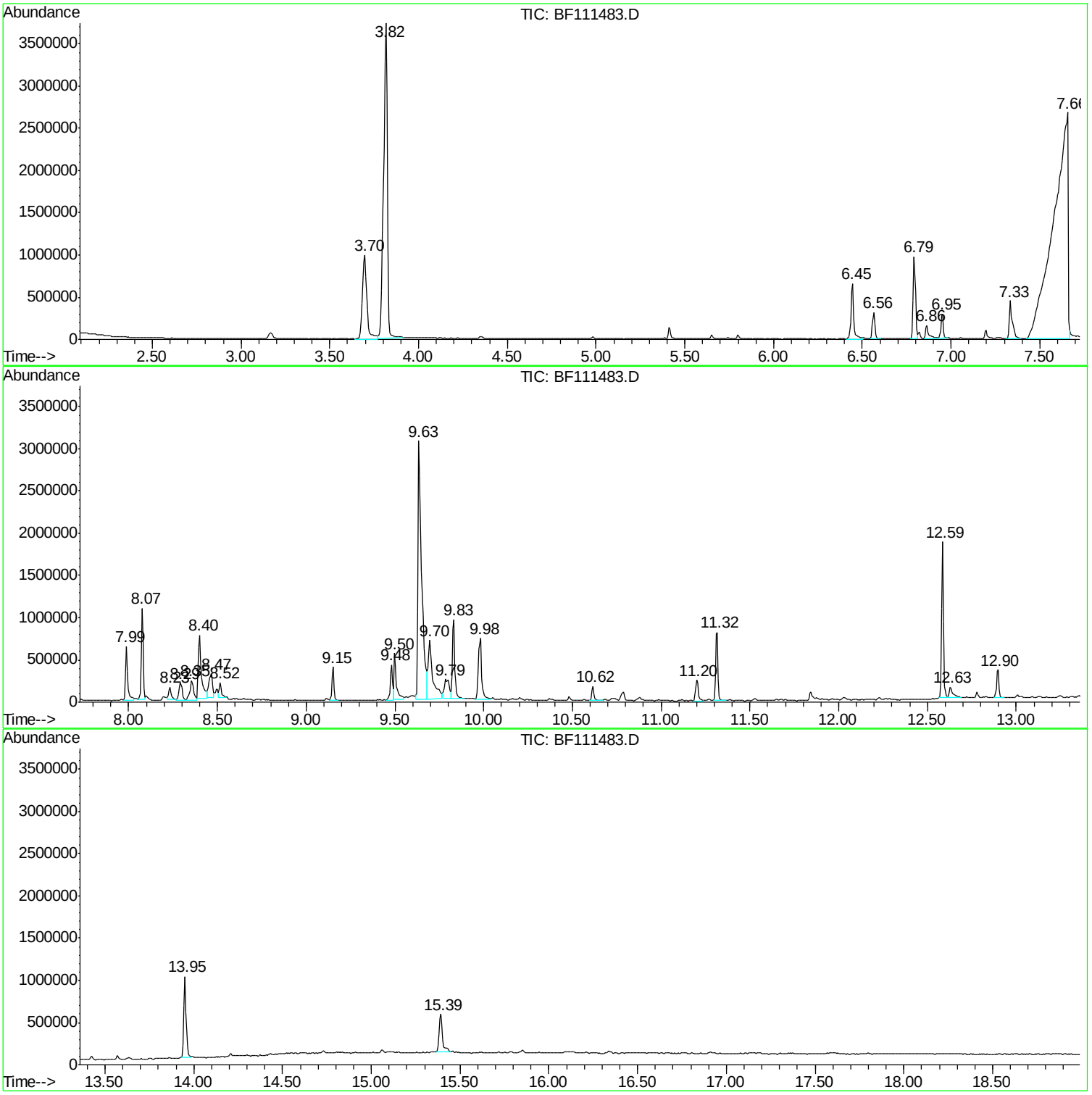
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

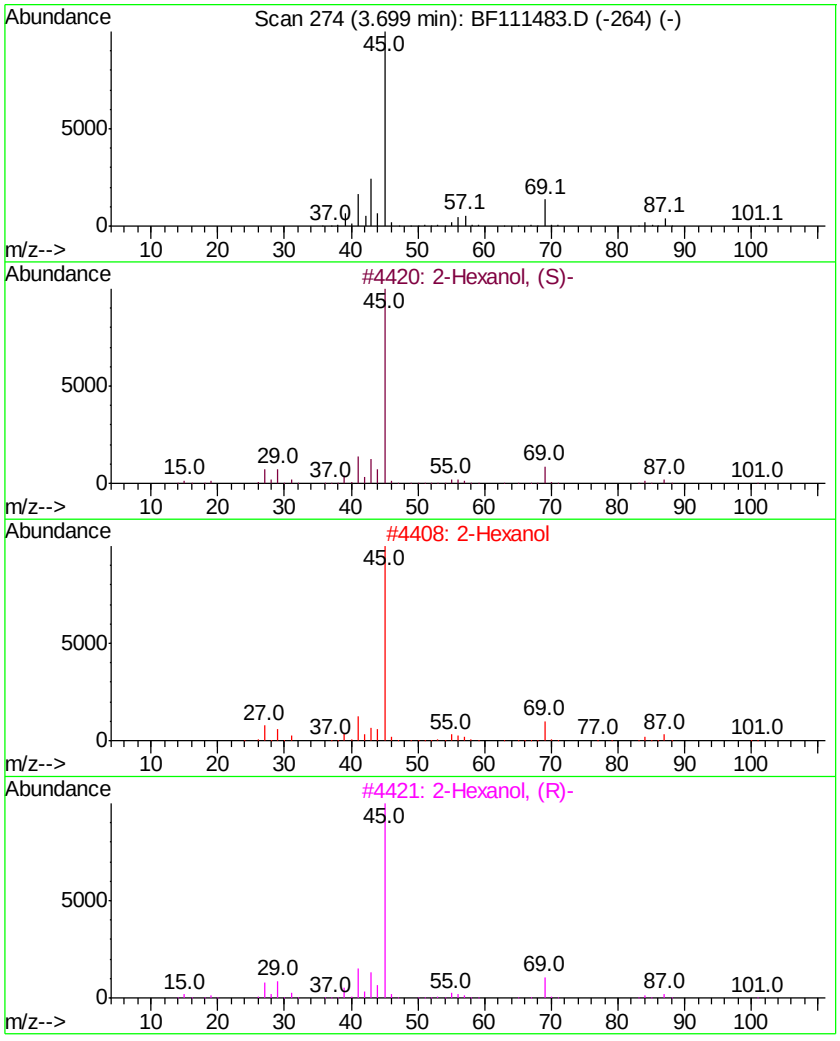
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

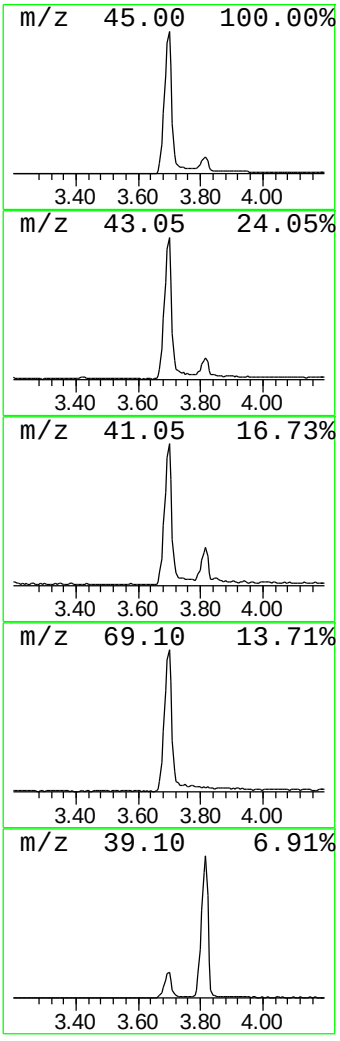
****

Peak Number 1 2-Hexanol, (S)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	44.74 ng	1755680	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (S)-	102	C6H14O	052019-78-0	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	47
5	2-Heptanol	116	C7H16O	000543-49-7	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

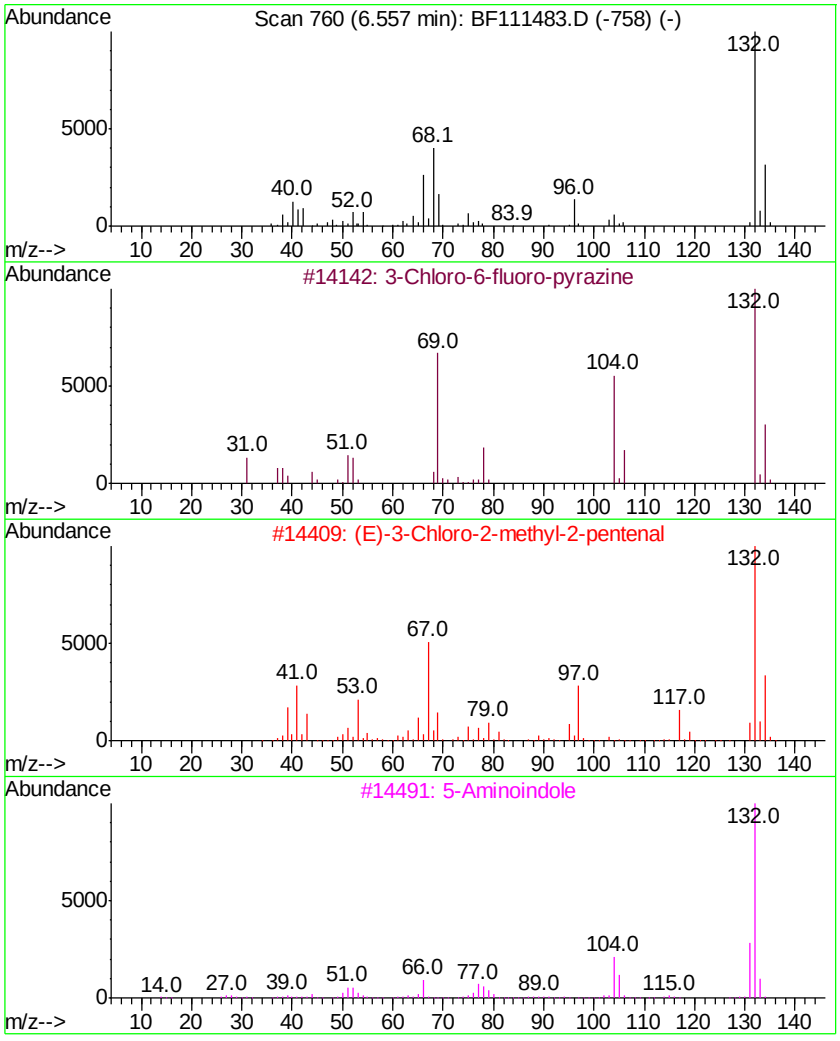
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

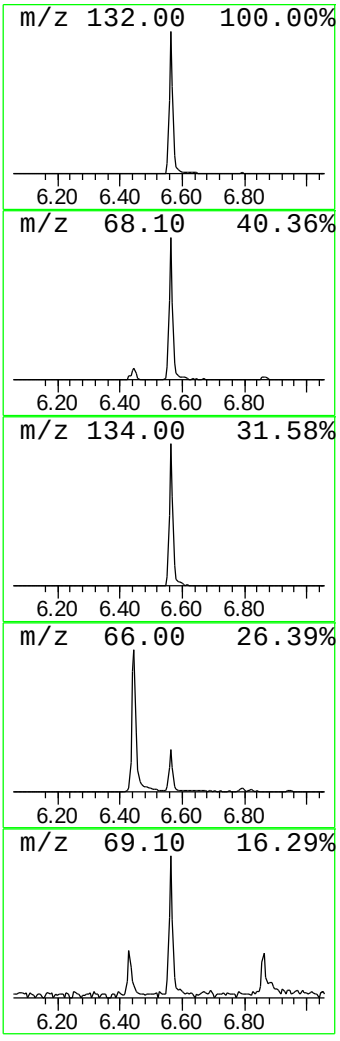
****

Peak Number 3 unknown6.56 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	6.70 ng	262857	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

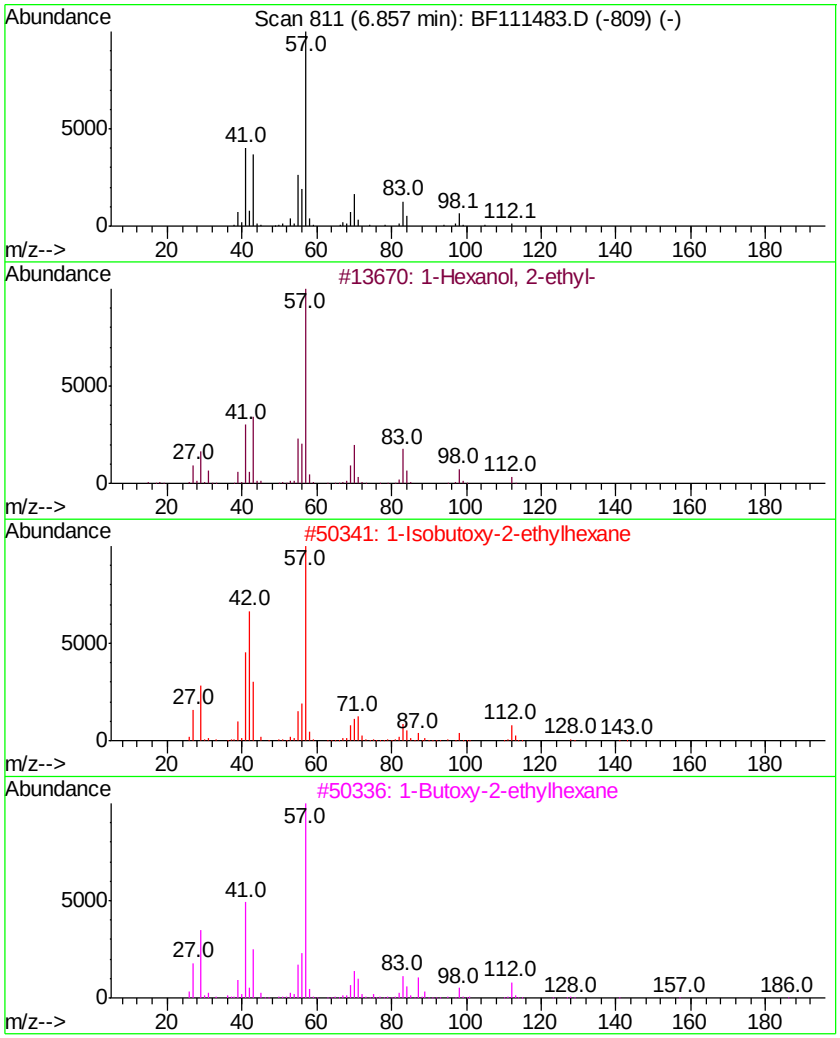
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

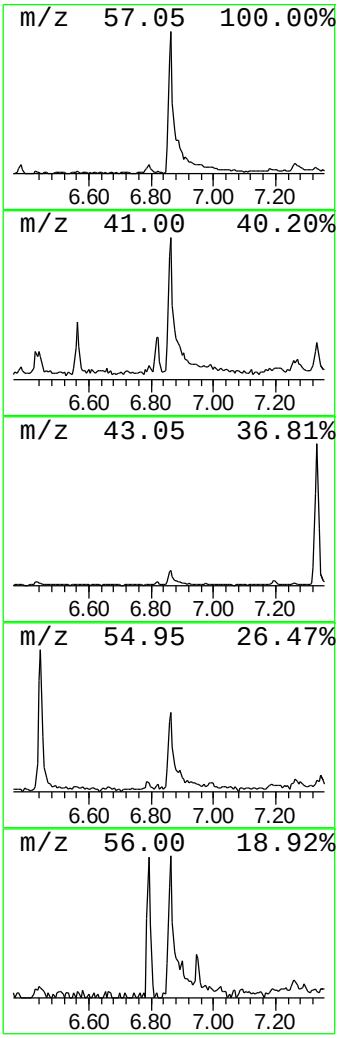
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	5.13 ng	201357	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	72
3	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
4	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	59
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

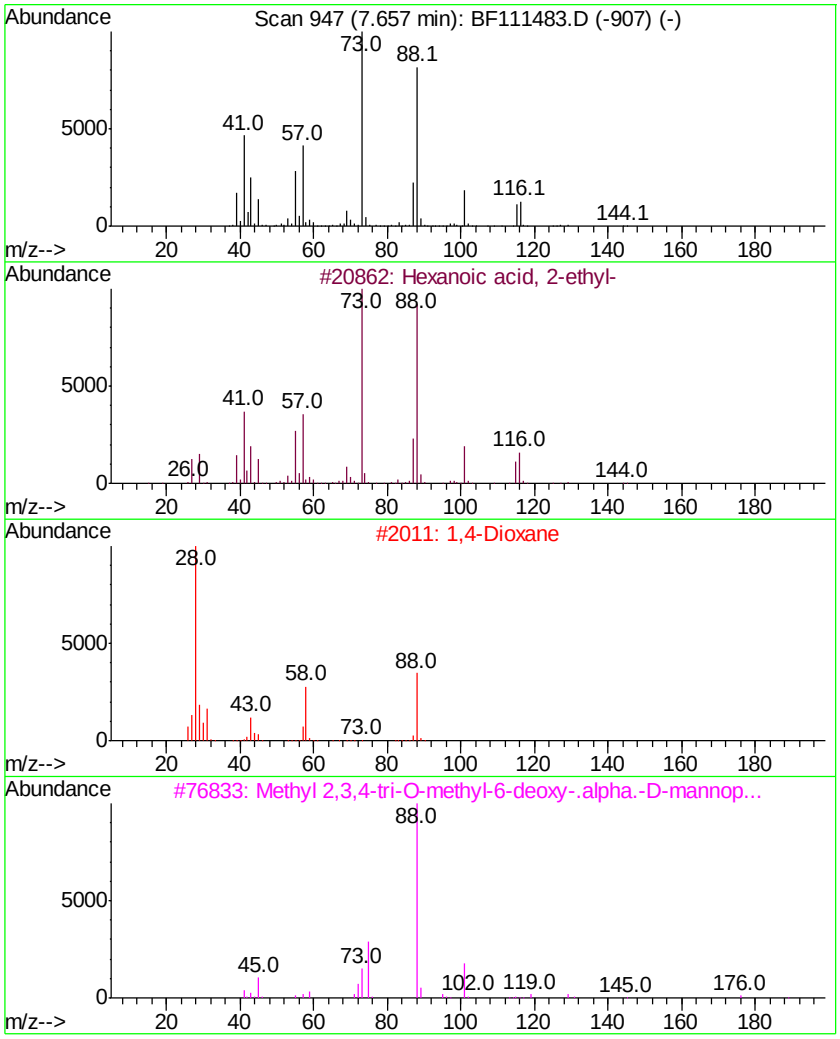
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

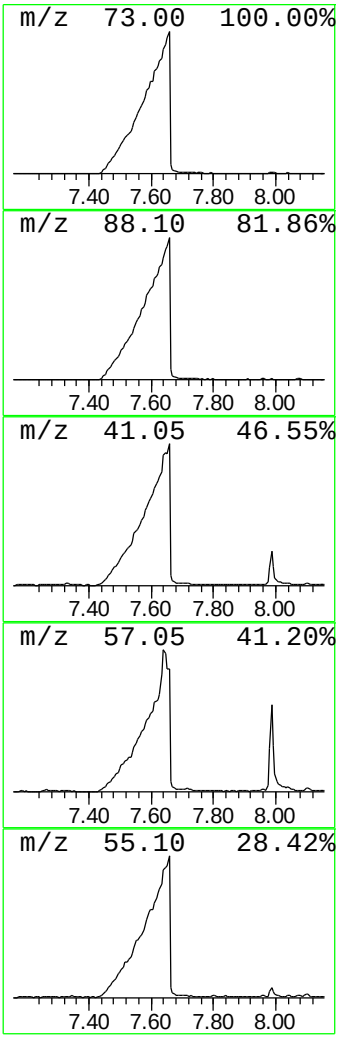
****

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	348.40 ng	15350200	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	1,4-Dioxane	88	C4H8O2	000123-91-1	47
3	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40
4	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	38
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

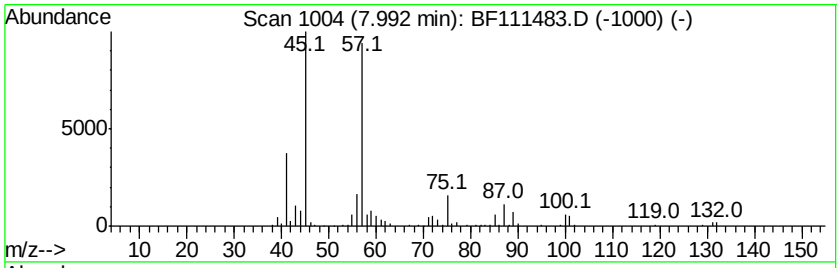
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

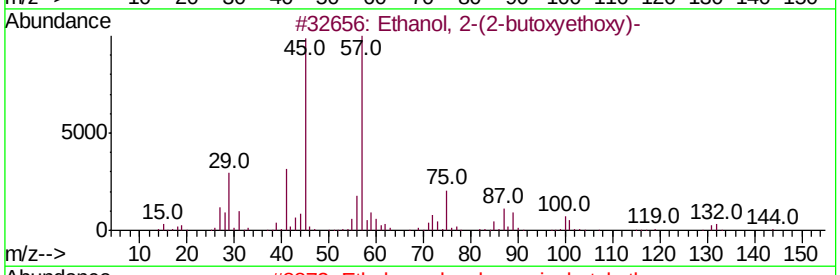
****

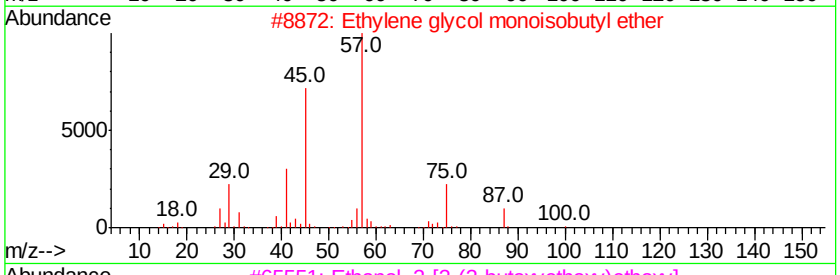
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

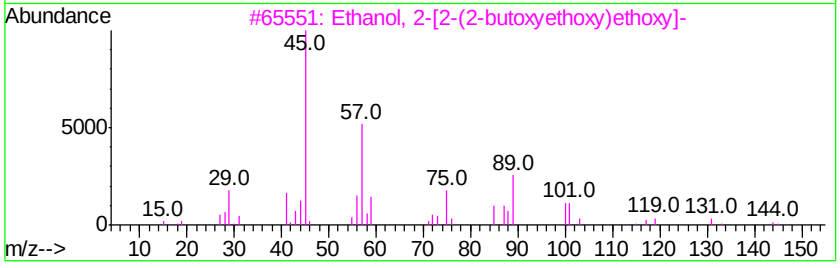
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	13.26 ng	584311	Naphthalene-d8	8.07

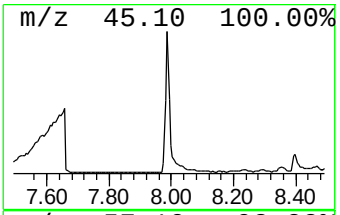
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	47

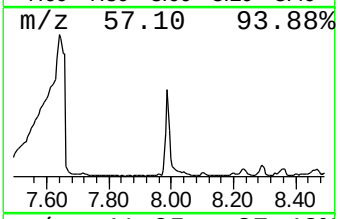


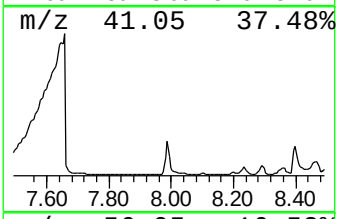


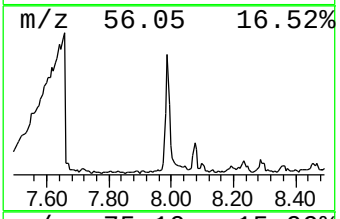


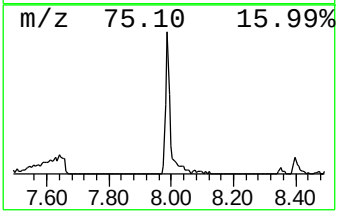












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Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
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Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

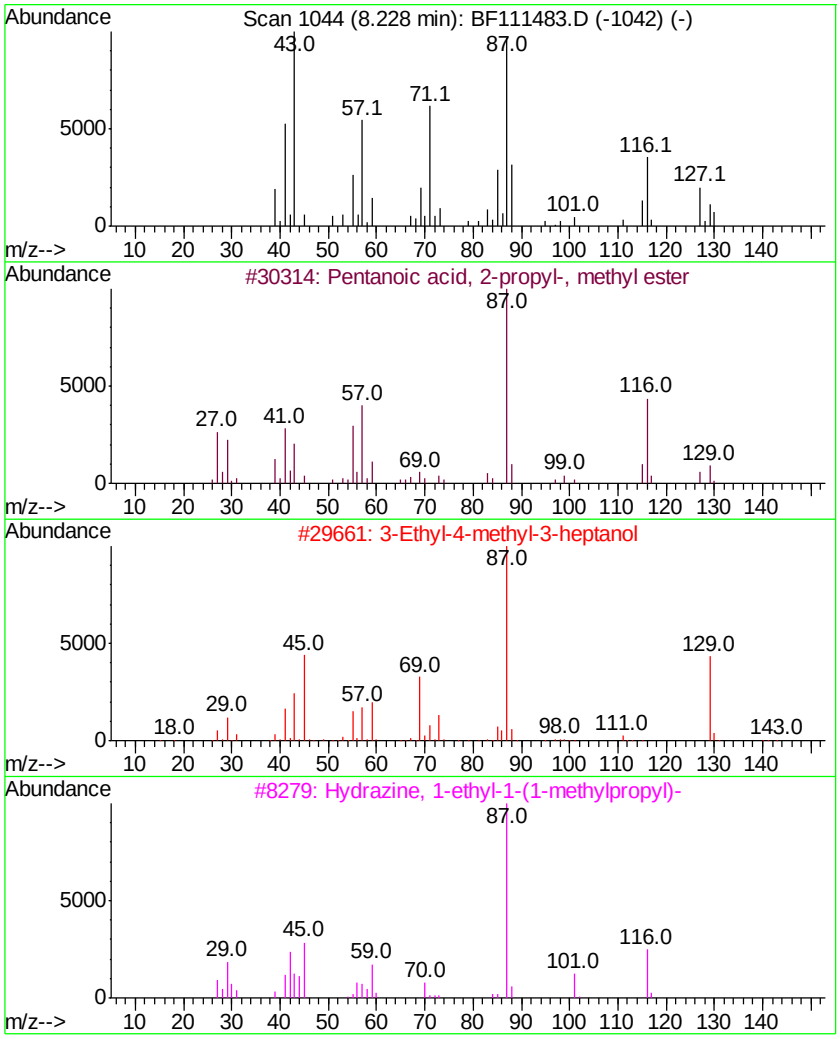
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

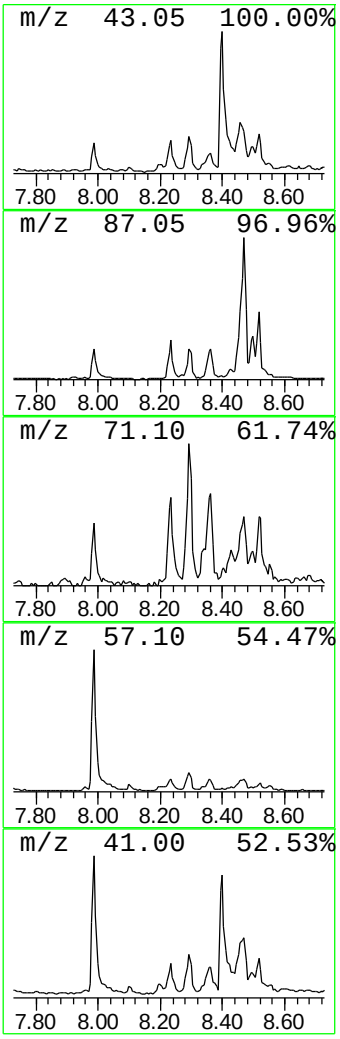
****

Peak Number 8 unknown8.23 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.73 ng	164289	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-propyl-, methy...	158	C9H18O2	022632-59-3	43
2	3-Ethyl-4-methyl-3-heptanol	158	C10H22O	066719-39-9	43
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	38
4	2-Propenoic acid, 2-(acetylamino)-	129	C5H7NO3	005429-56-1	38
5	2-Methyl-1-(2-methyl-[1,3]dioxol...	170	C9H14O3	1000311-95-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

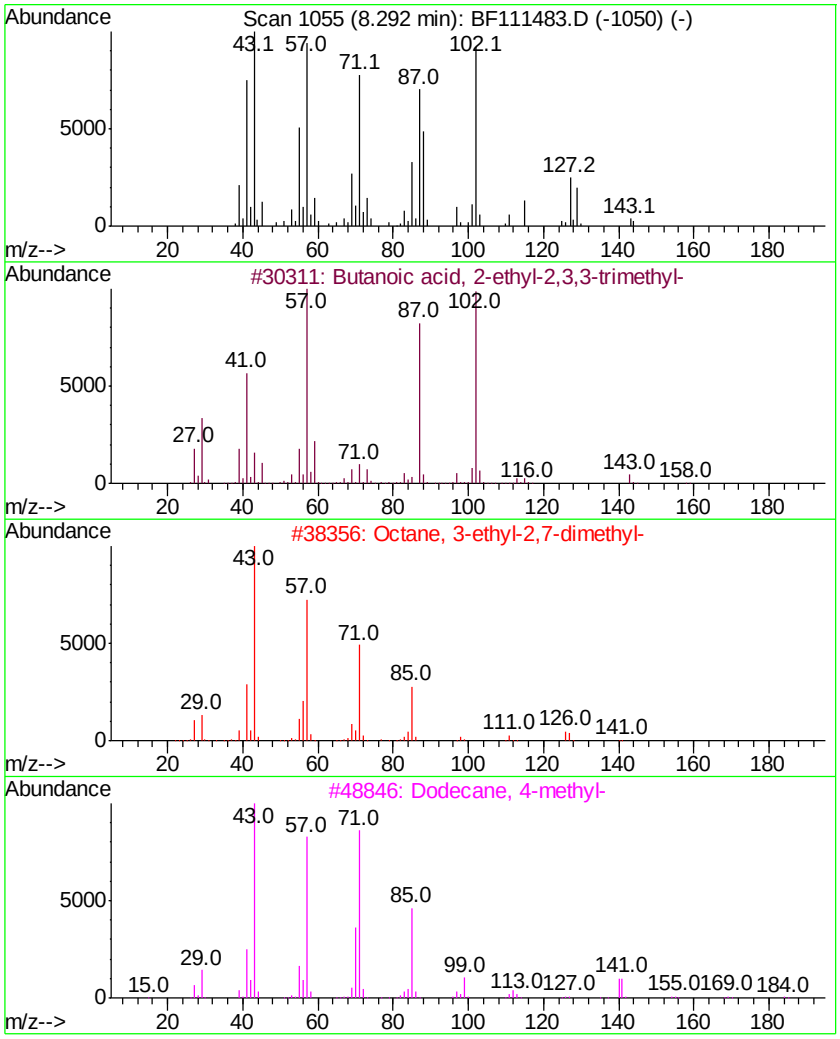
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

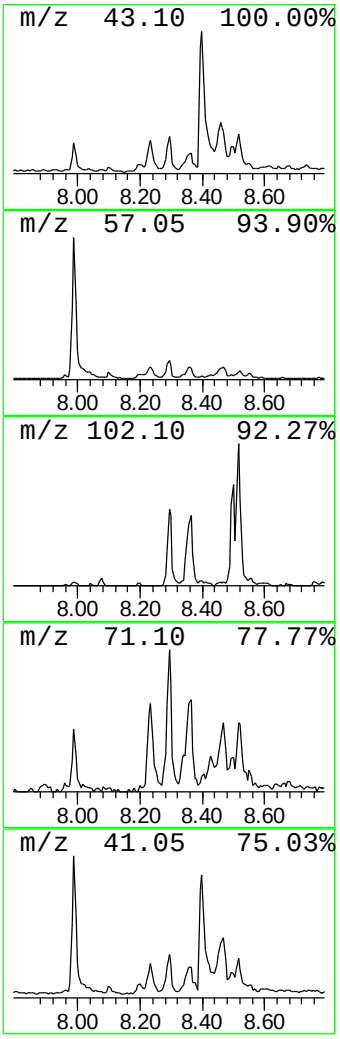
****

Peak Number 9 unknown8.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	5.09 ng	224361	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-ethyl-2,3,3-tri...	158	C9H18O2	038541-67-2	35
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	14
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	14
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	14
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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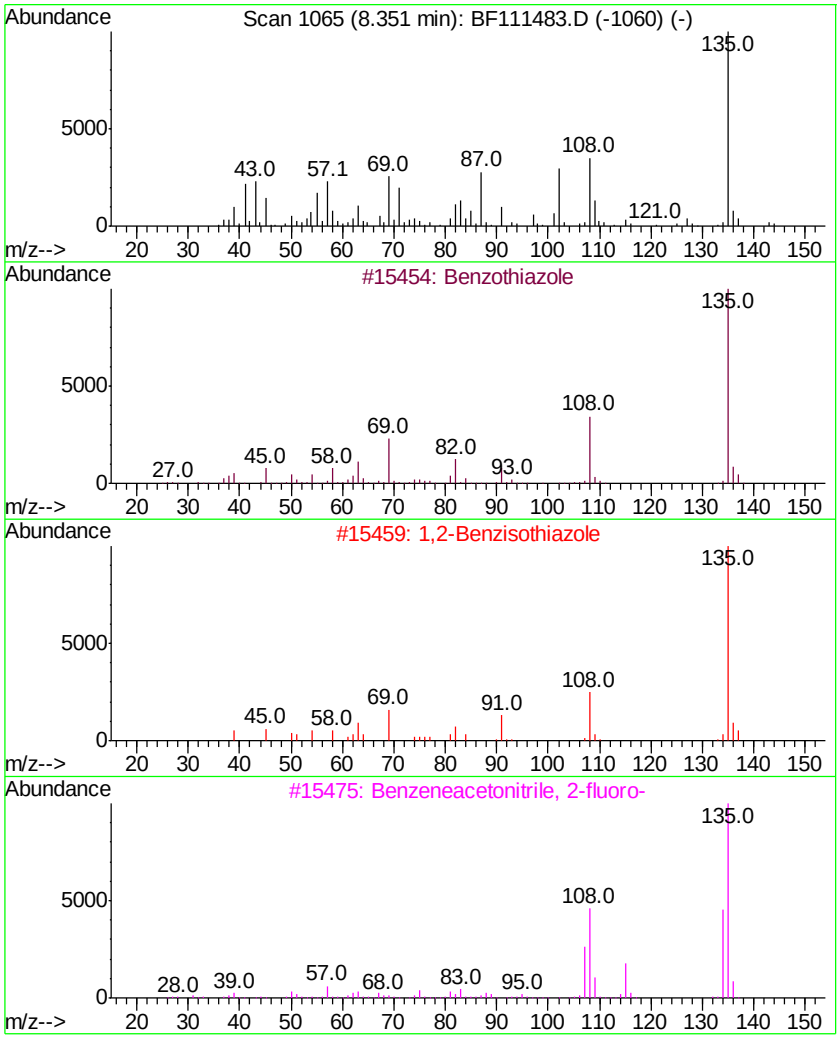
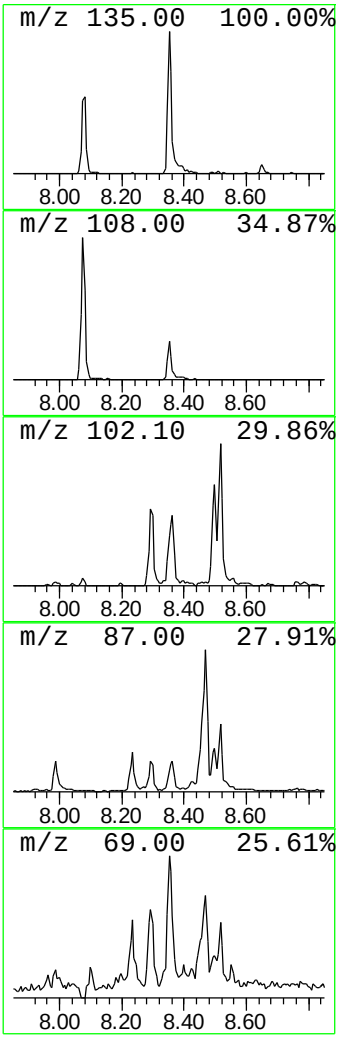
Peak Number 10 Benzothiazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	7.82 ng	344725	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	91
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	53
3	Benzeneacetonitrile, 2-fluoro-	135	C8H6FN	000326-62-5	47
4	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	47
5	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	47





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Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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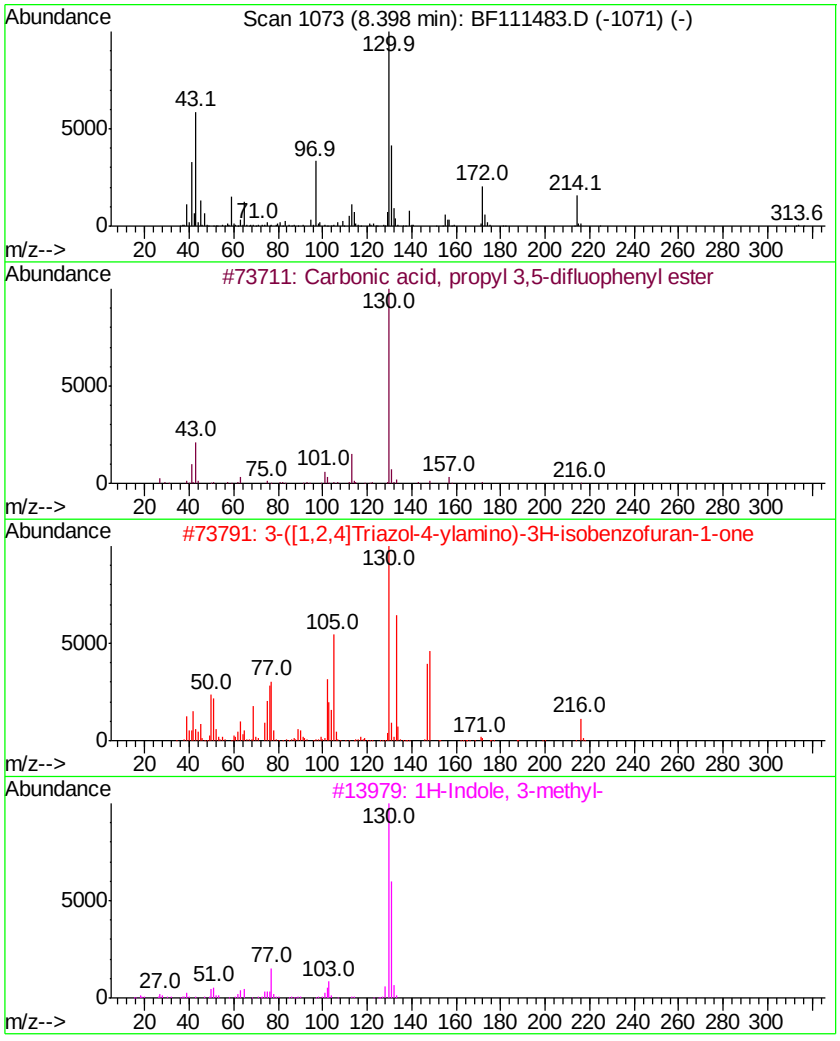
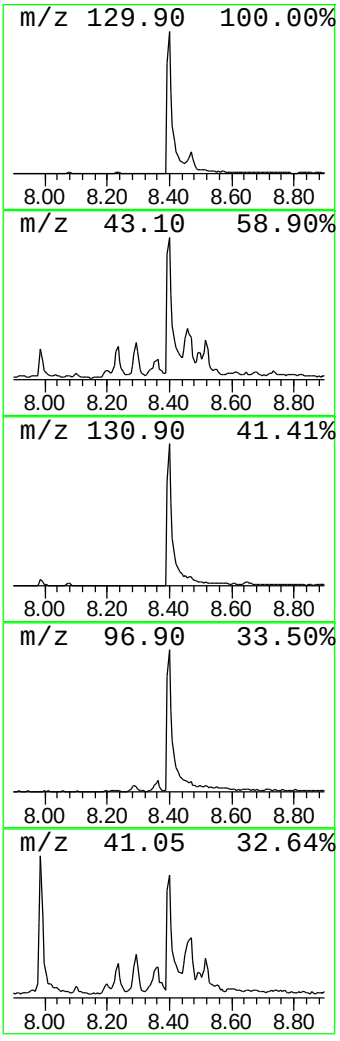
Peak Number 11 unknown8.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	21.01 ng	925594	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, propyl 3,5-difluo...	216	C10H10F2O3	1000357-81-5	38
2	3-([1,2,4]Triazol-4-ylamino)-3H-...	216	C10H8N4O2	1000300-48-4	30
3	1H-Indole, 3-methyl-	131	C9H9N	000083-34-1	28
4	3-Amino-5-mercapto-4-methyl-1,2,...	130	C3H6N4S	066870-09-5	25
5	4-Fluoroimidazole-5-carboxylic a...	172	C7H9FN2O2	1000116-94-4	25





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Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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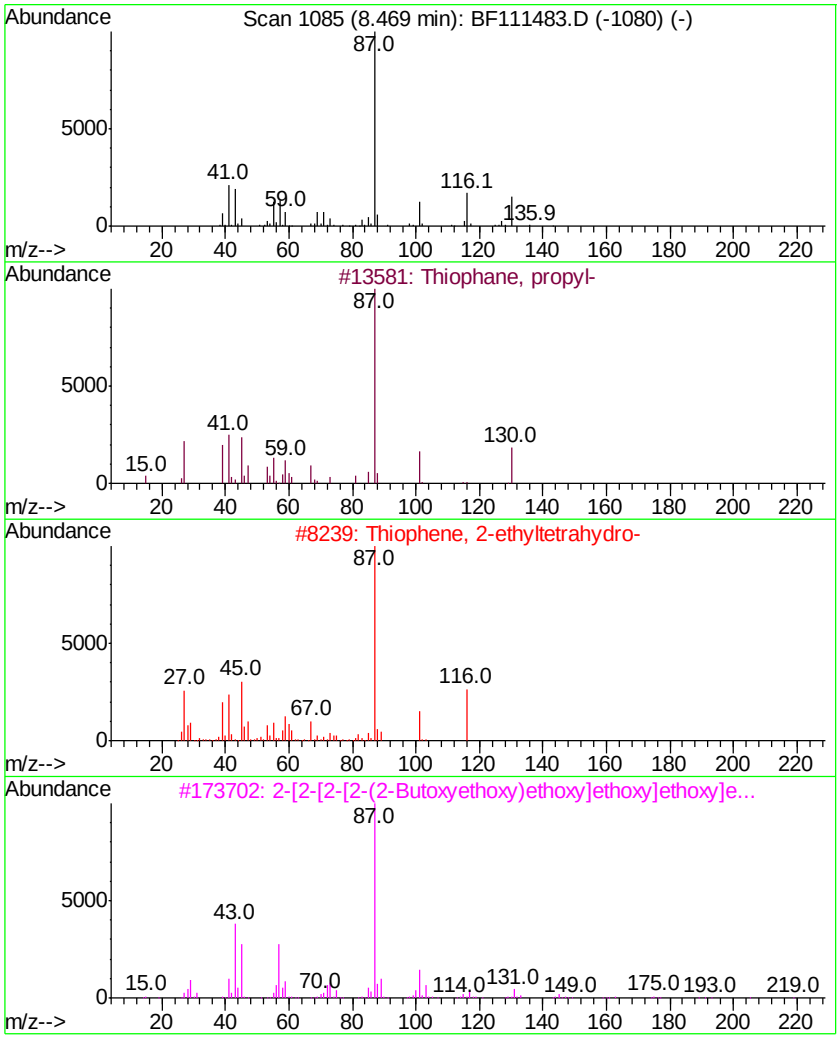
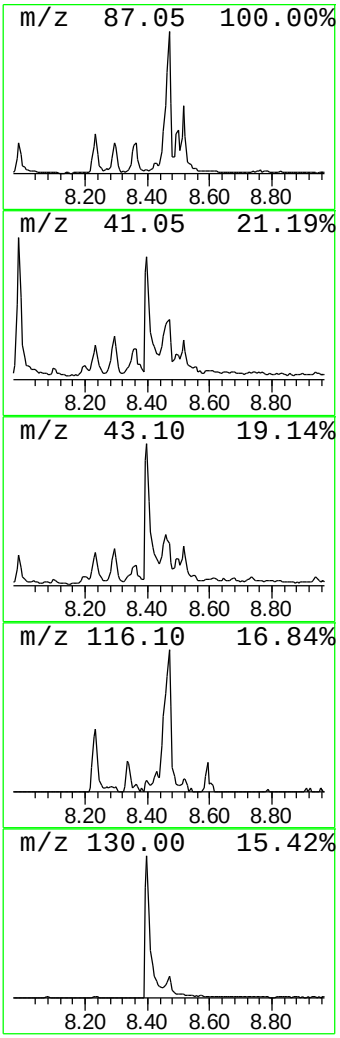
Peak Number 12 Thiophane, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	10.24 ng	451251	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	72
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	72
3	2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	50
4	2-[2-[2-(2-Butoxyethoxy)ethoxyle...	292	C14H28O6	1000351-93-9	45
5	1,3-Dioxolane, 2-(1,1-dimethylet...	144	C8H16O2	006135-54-2	42





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Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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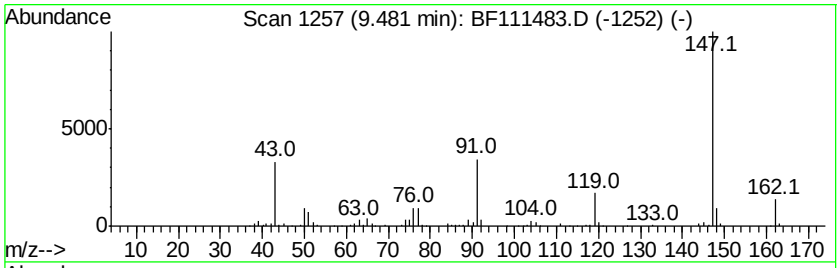
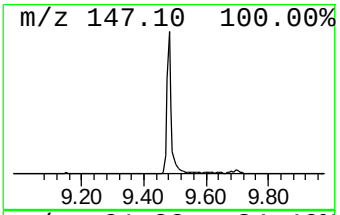
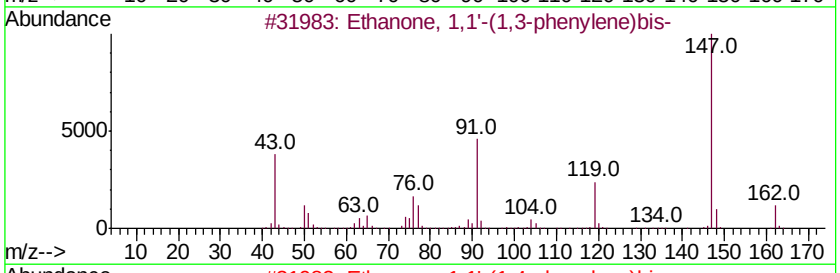
Peak Number 13 Ethanone, 1,1'-(1,3-phenyle... Concentration Rank 12

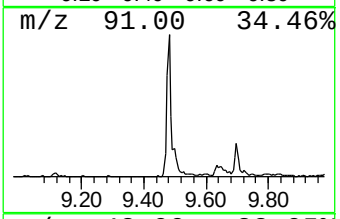
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	9.09 ng	401760	Acenaphthene-d10	9.83

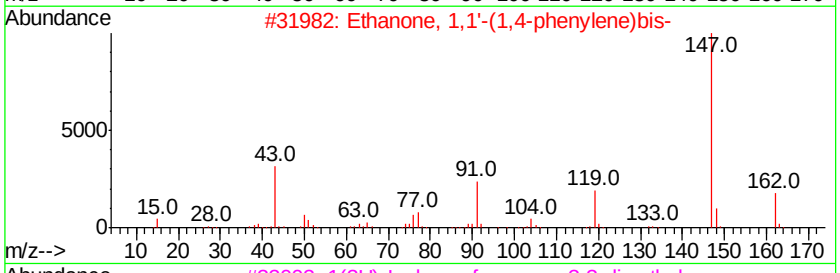
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	93
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	91
3	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	87
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	59
5	2,2-Dimethyl-1-(2,4,6-trimethylp...	204	C14H20O	002700-84-7	59

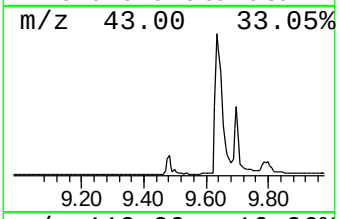


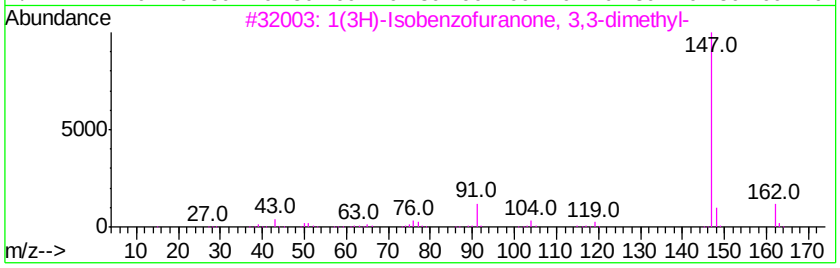


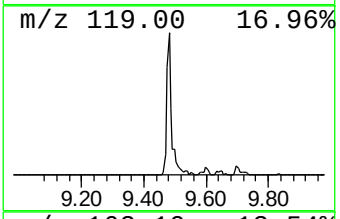


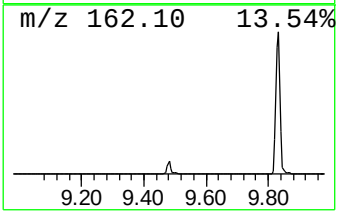












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Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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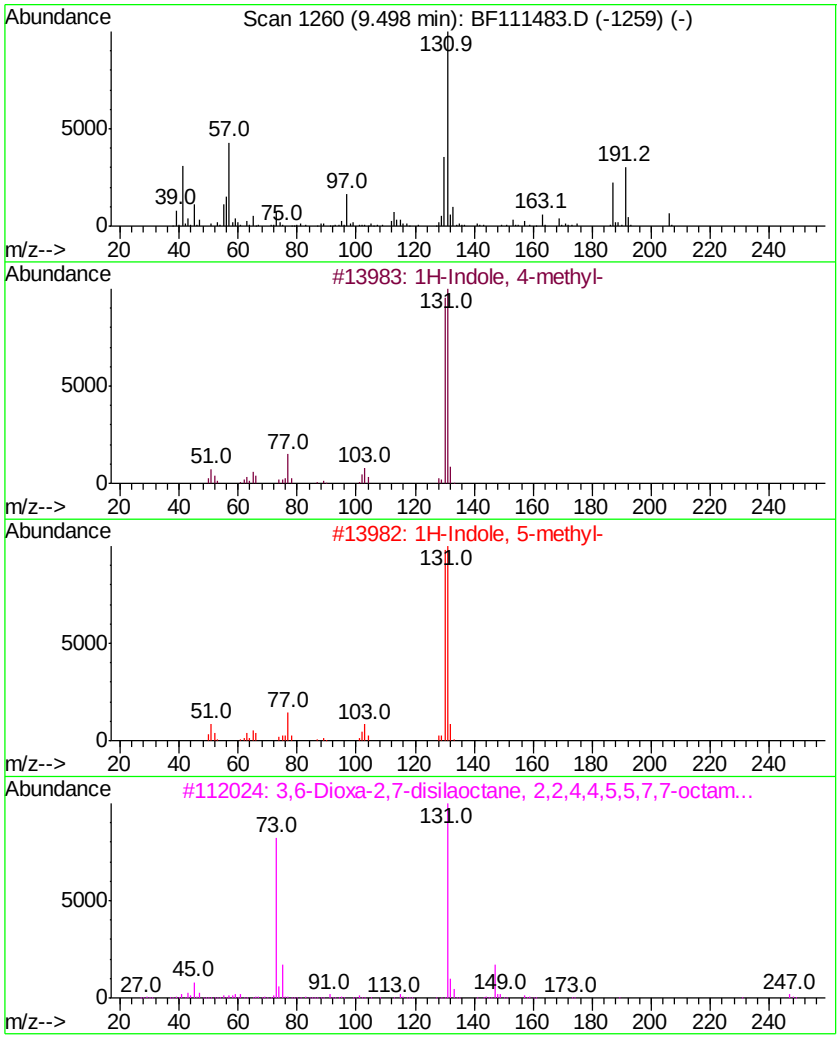
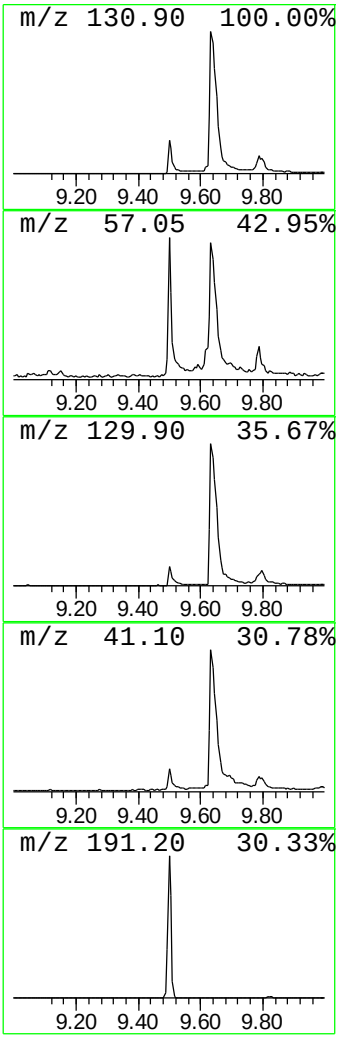
Peak Number 14 unknown9.50 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	11.48 ng	507118	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	25
2	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	25
3	3,6-Dioxa-2,7-disilaoctane, 2,2,...	262	C12H30O2Si2	006730-96-7	23
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	220	C10H24O3Si	1000364-20-4	23
5	1H-Indene, 1-ethyl-2,3-dihydro-1...	160	C12H16	056298-75-0	17





Library Search Compound Report

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Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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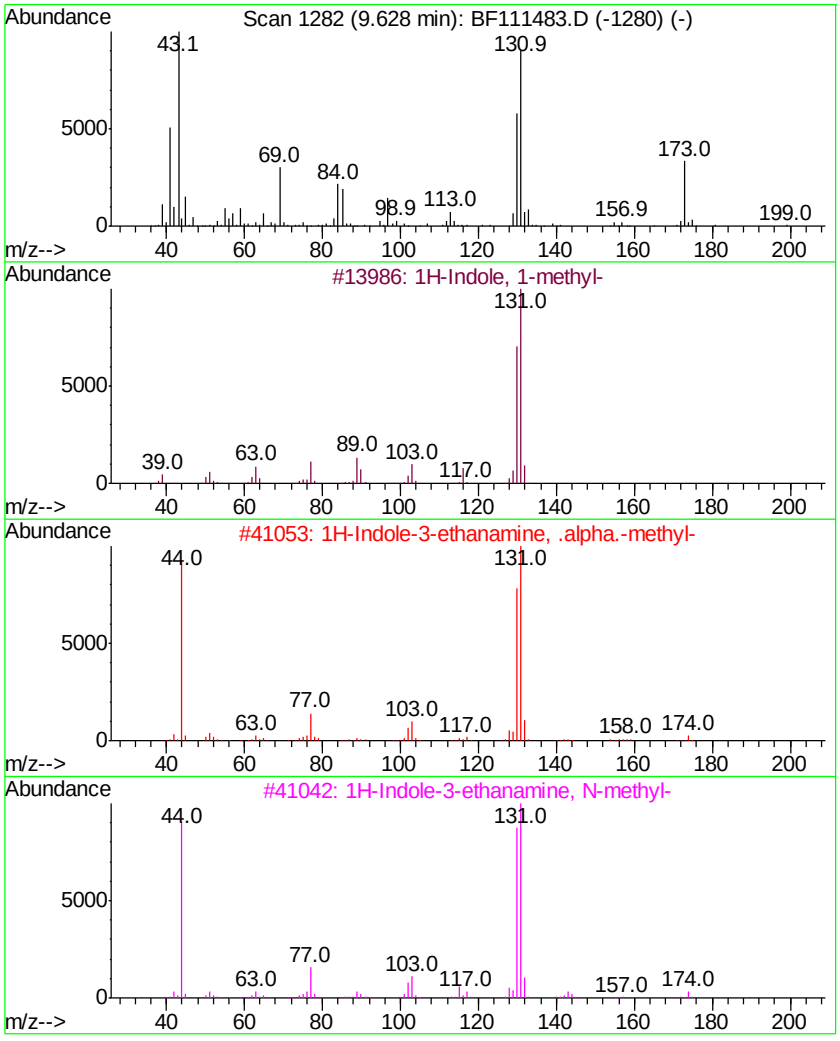
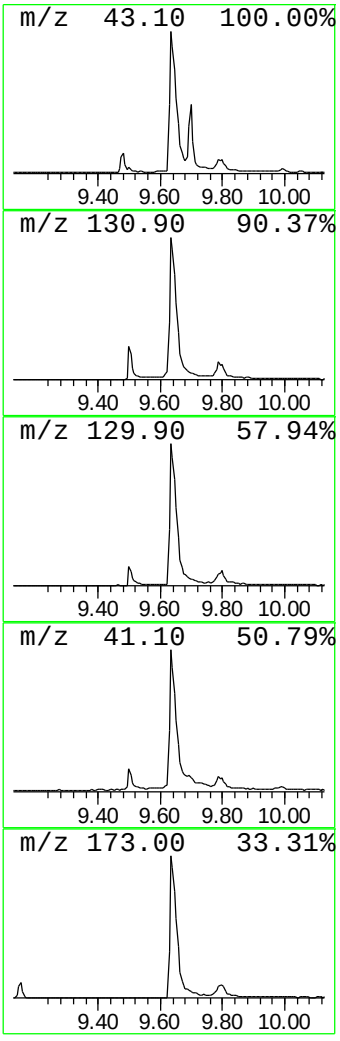
Peak Number 15 unknown9.63 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	104.56 ng	4618920	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	27
2	1H-Indole-3-ethanamine, .alpha.-...	174	C11H14N2	000299-26-3	27
3	1H-Indole-3-ethanamine, N-methyl-	174	C11H14N2	000061-49-4	27
4	4-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	014760-60-2	27
5	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	18





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Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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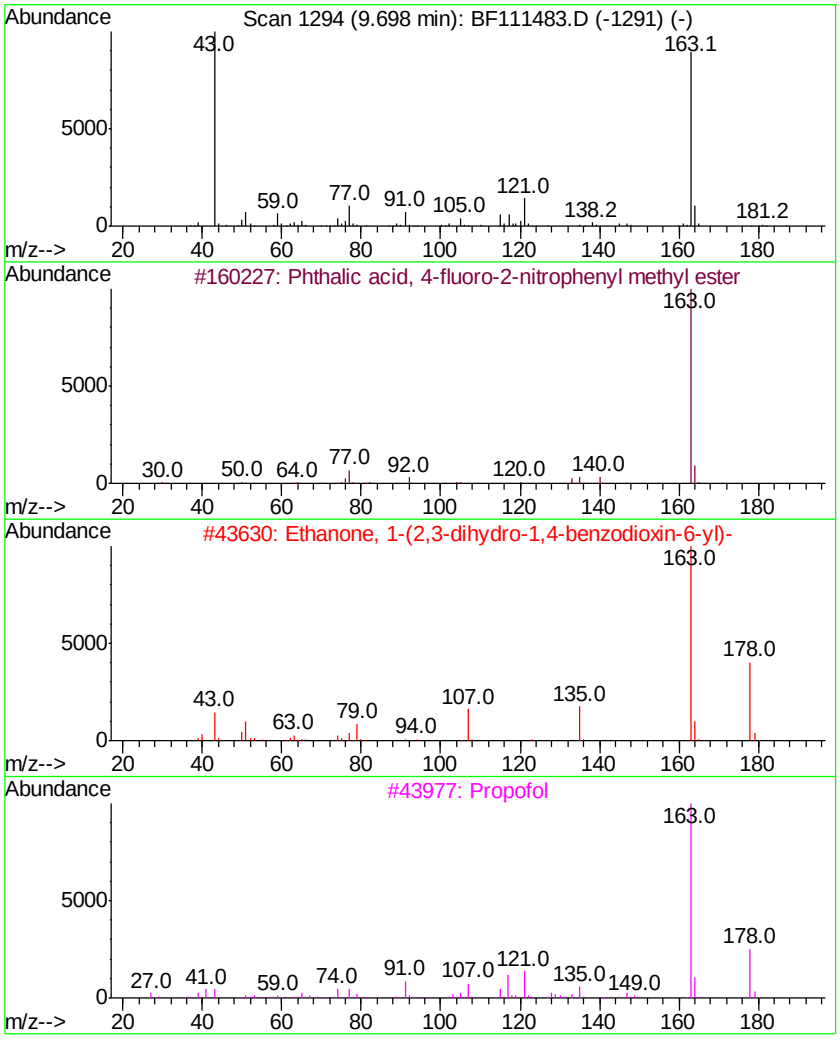
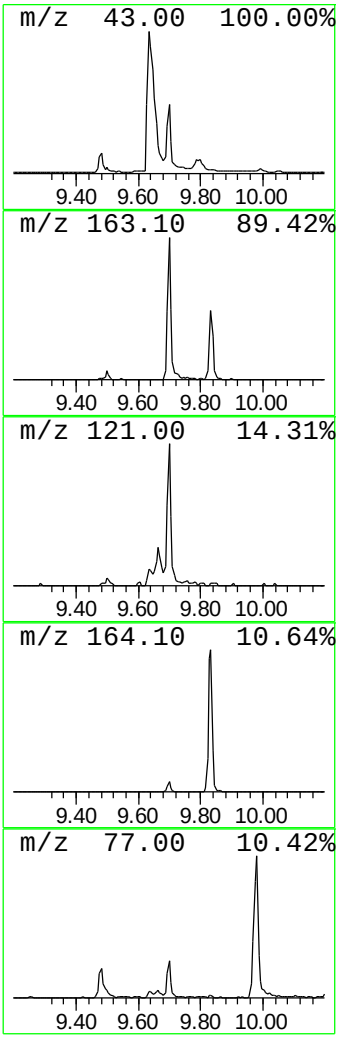
Peak Number 16 Phthalic acid, 4-fluoro-2-n... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	26.66 ng	1177630	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	53
2	Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	47
3	Propofol	178	C12H18O	002078-54-8	42
4	Benzenemethanol, 4-(1,1-dimethyl...	178	C12H18O	034386-42-0	40
5	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	40





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Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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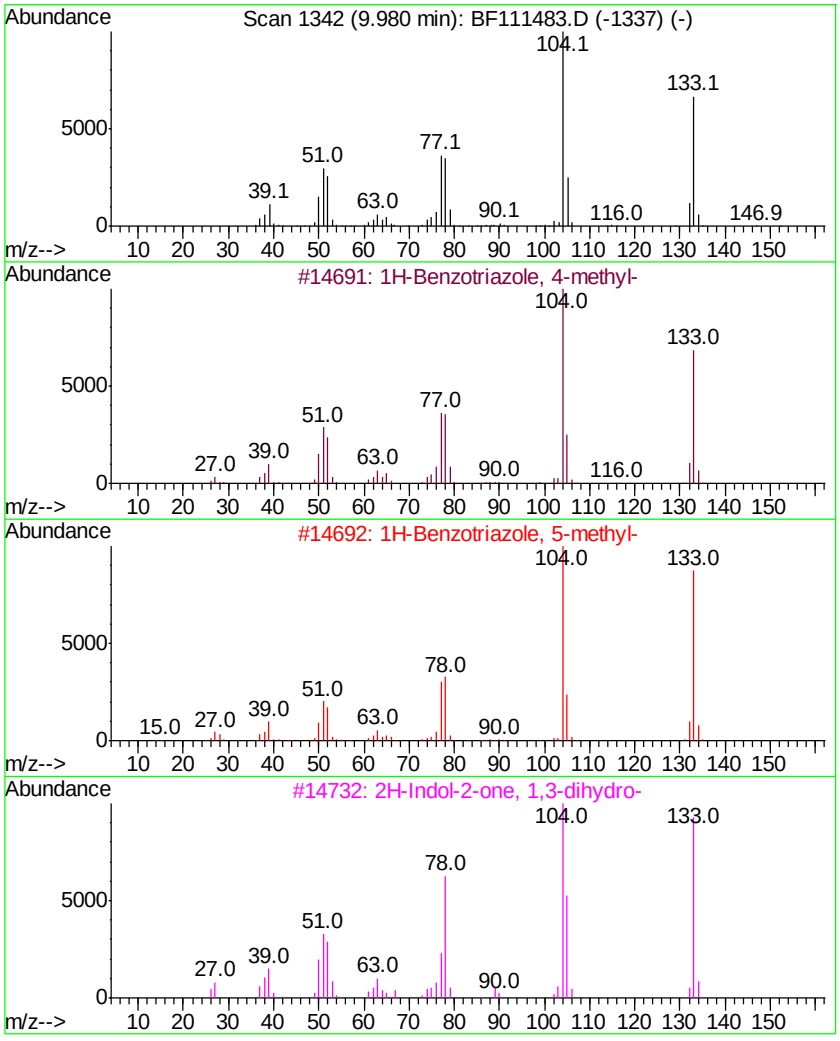
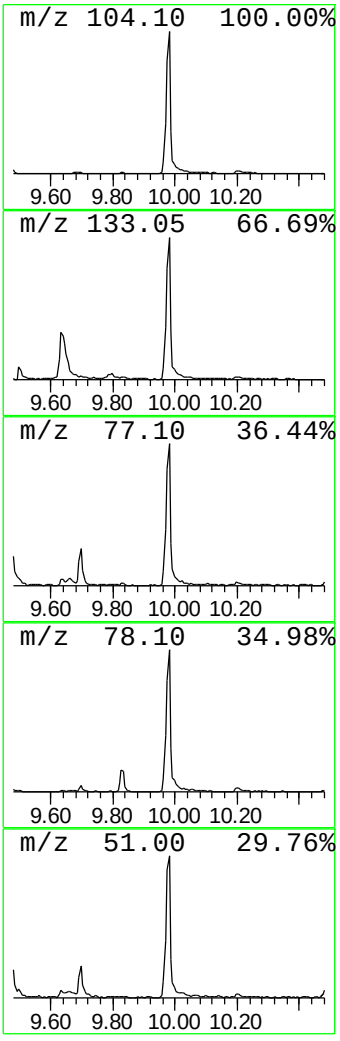
Peak Number 17 1H-Benzotriazole, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	17.85 ng	788451	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
3	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	72
4	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	53
5	6-Aminoindazole	133	C7H7N3	006967-12-0	40





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-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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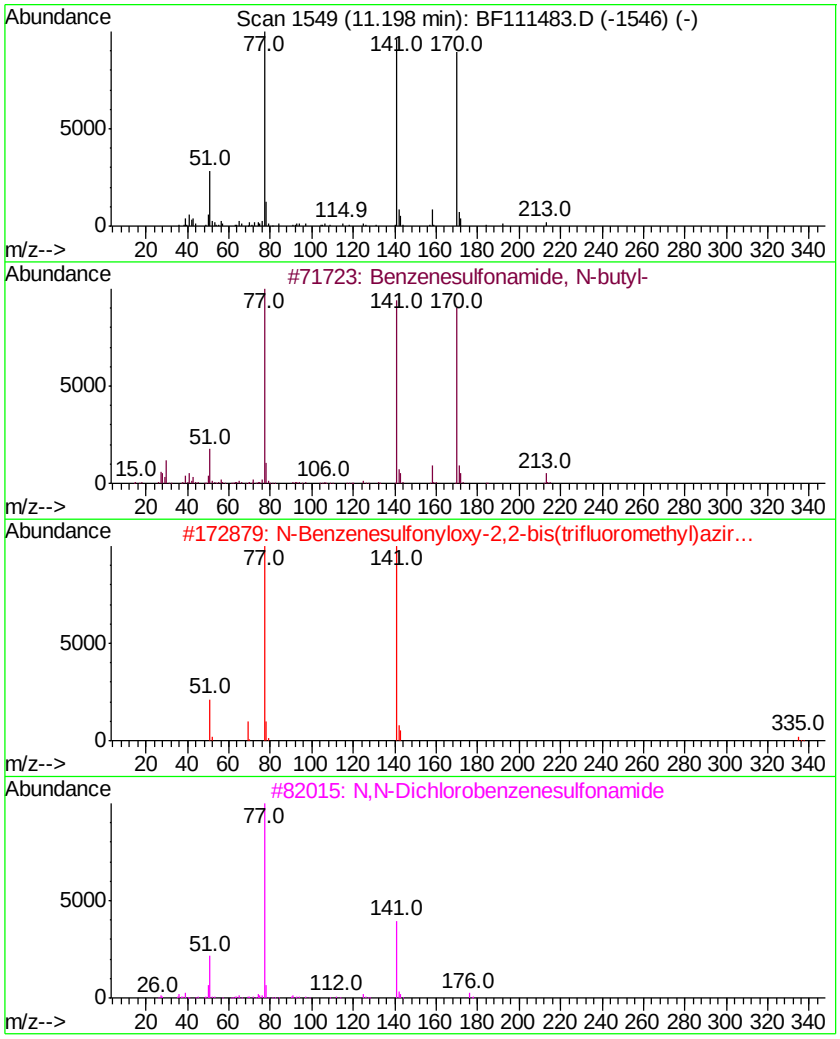
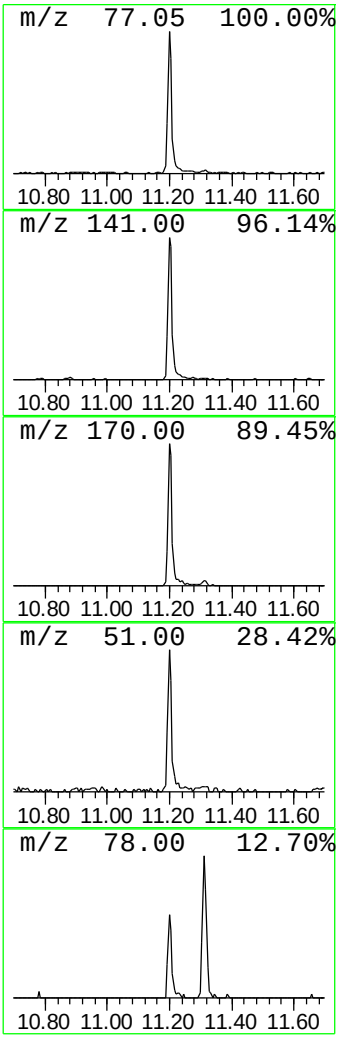
Peak Number 18 Benzenesulfonamide, N-butyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	6.05 ng	237032	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	50
3	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	50
4	Benzenesulfonyl isocyanate	183	C7H5NO3S	002845-62-7	47
5	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	38





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Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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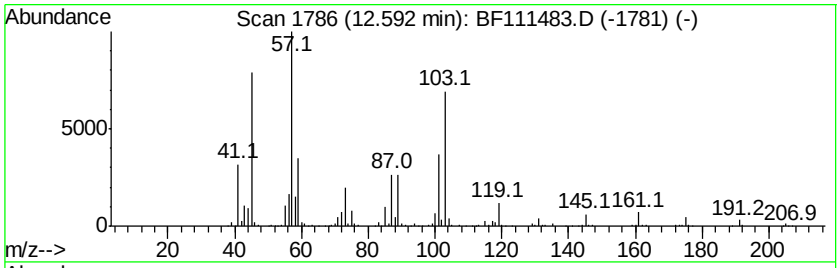
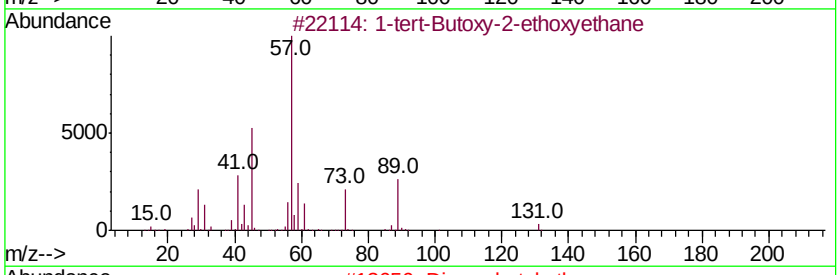
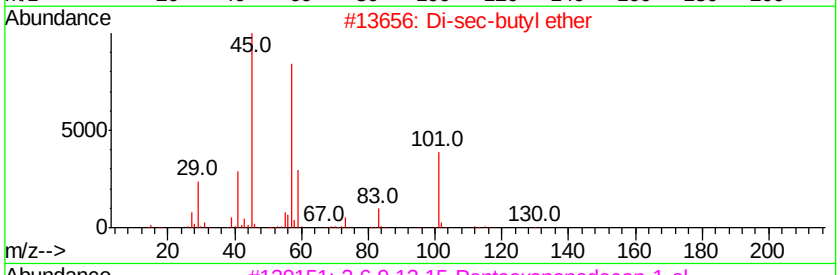
Peak Number 19 unknown12.59 Concentration Rank 5

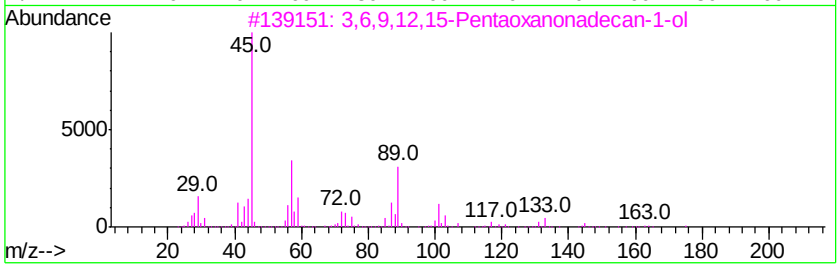
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	37.63 ng	1473100	Phenanthrene-d10	11.32

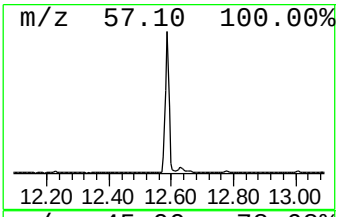
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	47
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
3	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	38
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	35
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	35

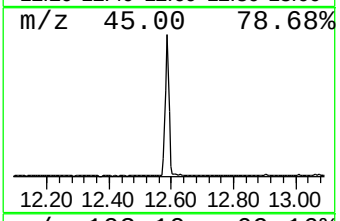


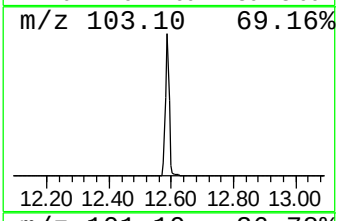


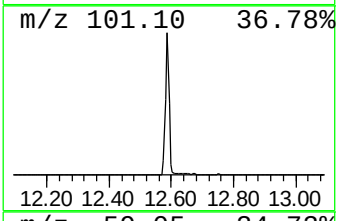


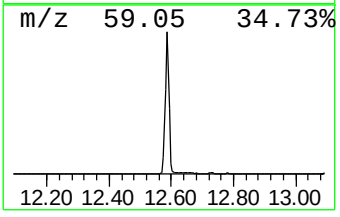












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

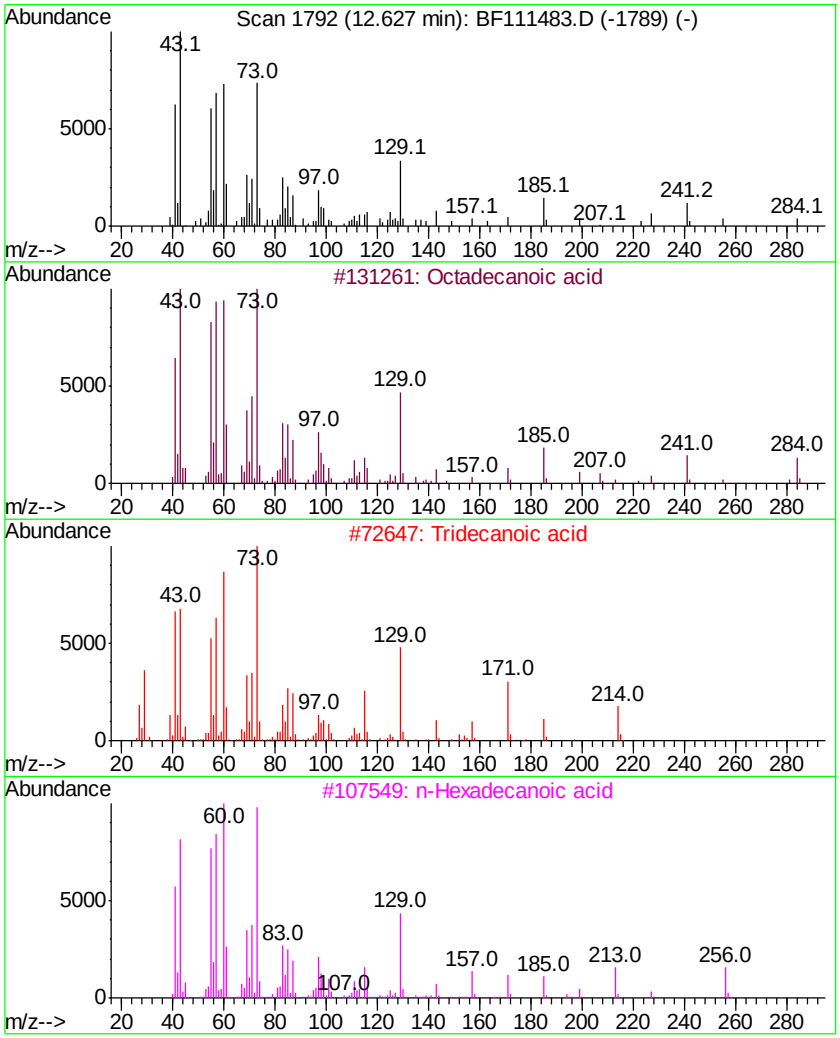
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

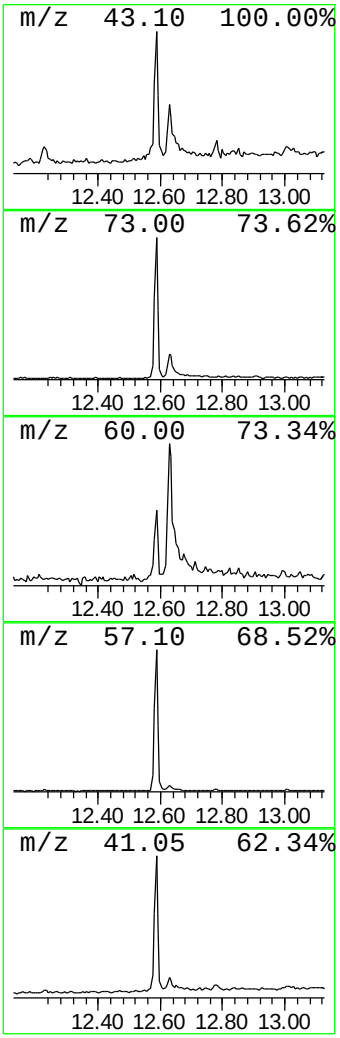
****

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.46 ng	174639	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121518\
Data File : BF111483.D
Acq On : 15 Dec 2018 22:01
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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, (S)-	3.70	44.7	ng	1755680	1	6.79	784915	20.0
unknown6.56	6.56	6.7	ng	262857	1	6.79	784915	20.0
1-Hexanol, 2-ethyl-	6.86	5.1	ng	201357	1	6.79	784915	20.0
Hexanoic acid, 2-...	7.66	348.4	ng	15350200	2	8.07	881196	20.0
Ethanol, 2-(2-but...	7.99	13.3	ng	584311	2	8.07	881196	20.0
unknown8.23	8.23	3.7	ng	164289	2	8.07	881196	20.0
unknown8.29	8.29	5.1	ng	224361	2	8.07	881196	20.0
Benzothiazole	8.35	7.8	ng	344725	2	8.07	881196	20.0
unknown8.40	8.40	21.0	ng	925594	2	8.07	881196	20.0
Thiophane, propyl-	8.47	10.2	ng	451251	2	8.07	881196	20.0
Ethanone, 1,1'-(1...	9.48	9.1	ng	401760	3	9.83	883478	20.0
unknown9.50	9.50	11.5	ng	507118	3	9.83	883478	20.0
unknown9.63	9.63	104.6	ng	4618920	3	9.83	883478	20.0
Phthalic acid, 4-...	9.70	26.7	ng	1177630	3	9.83	883478	20.0
1H-Benzotriazole,...	9.98	17.9	ng	788451	3	9.83	883478	20.0
Benzenesulfonamid...	11.20	6.0	ng	237032	4	11.32	782960	20.0
unknown12.59	12.59	37.6	ng	1473100	4	11.32	782960	20.0
Octadecanoic acid	12.63	4.5	ng	174639	4	11.32	782960	20.0