LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20210516-FIELD-BLANK-2

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-BF070721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124684.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	9	13	17	rBB	32684	38091	15.15%	3.101%
2	3.387	215	221	222	rBV	6143	9739	3.87%	0.793%
3	3.404	222	224	231	rVB	6957	7121	2.83%	0.580%
4	5.493	576	579	582	rBB	68617	60821	24.19%	4.952%
5	6.498	747	750	753	rBB	46659	34800	13.84%	2.833%
6	6.887	813	816	819	rBB	44715	31998	12.73%	2.605%
7	7.451	907	912	915	rBB	131052	115226	45.83%	9.381%
8	8.075	1014	1018	1020	rBV	63680	56295	22.39%	4.583%
9	8.169	1031	1034	1037	rBB	59205	44491	17.70%	3.622%
10	9.251	1213	1218	1221	rBB	271725	238355	94.80%	19.405%
11	9.928	1330	1333	1336	rBB	68274	50663	20.15%	4.125%
12	10.716	1463	1467	1470	rBB	176607	144489	57.47%	11.763%
13	11.416	1582	1586	1589	rBB	63414	51963	20.67%	4.230%
14	11.804	1650	1652	1654	rBB	6782	4512	1.79%	0.367%
15	11.933	1671	1674	1677	rBB	15154	9950	3.96%	0.810%
16	12.510	1770	1772	1774	rBB	8079	4589	1.83%	0.374%
17	12.716	1806	1807	1810	rBB	4598	3106	1.24%	0.253%
18	13.004	1851	1856	1859	rBV	278135	251432	100.00%	20.470%
19	13.892	2004	2007	2010	rBV	7619	7452	2.96%	0.607%
20	14.051	2031	2034	2037	rBB	41442	32471	12.91%	2.644%
21	15.527	2281	2285	2289	rBB2	26363	30748	12.23%	2.503%

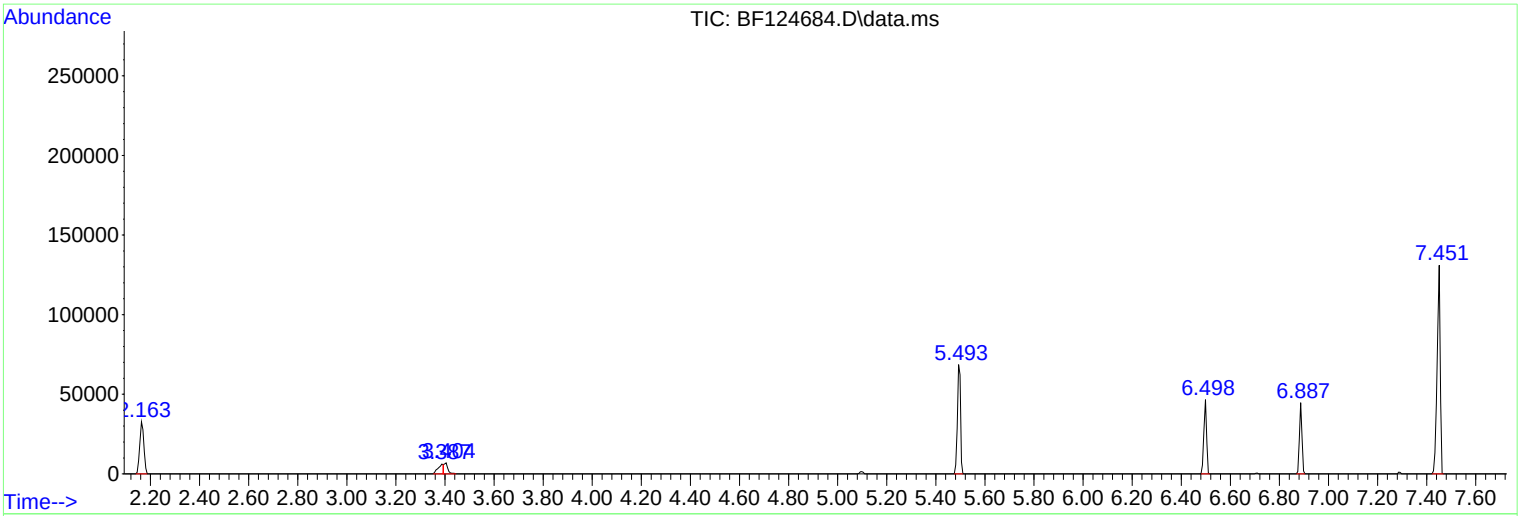
Sum of corrected areas: 1228312

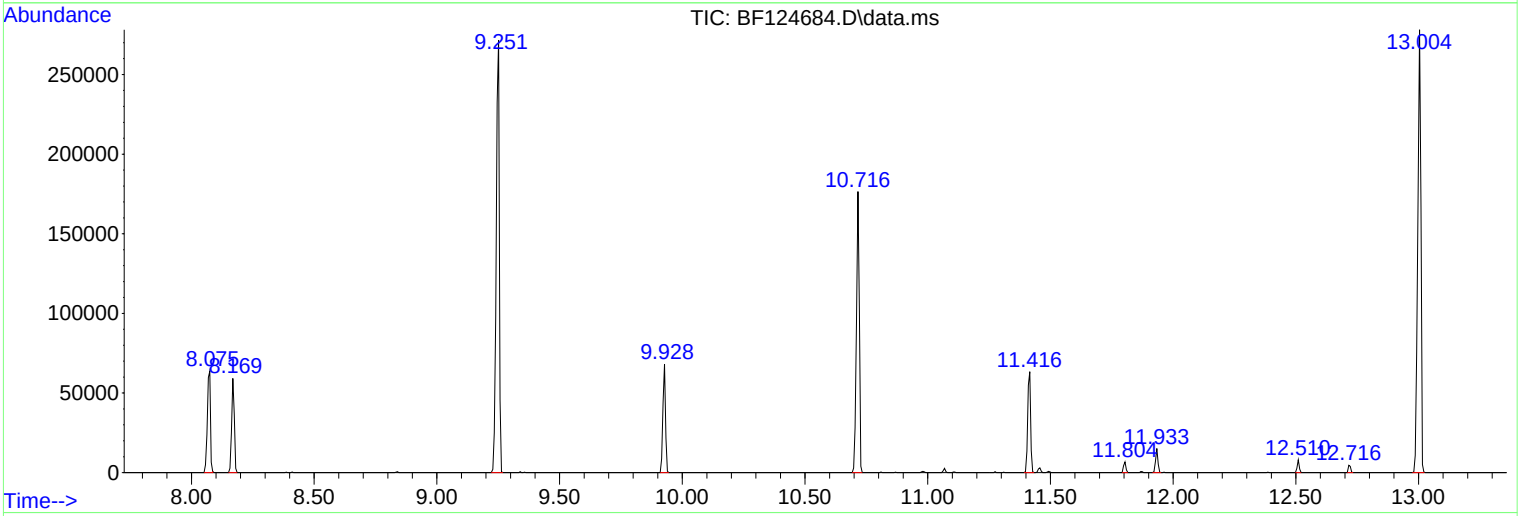
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

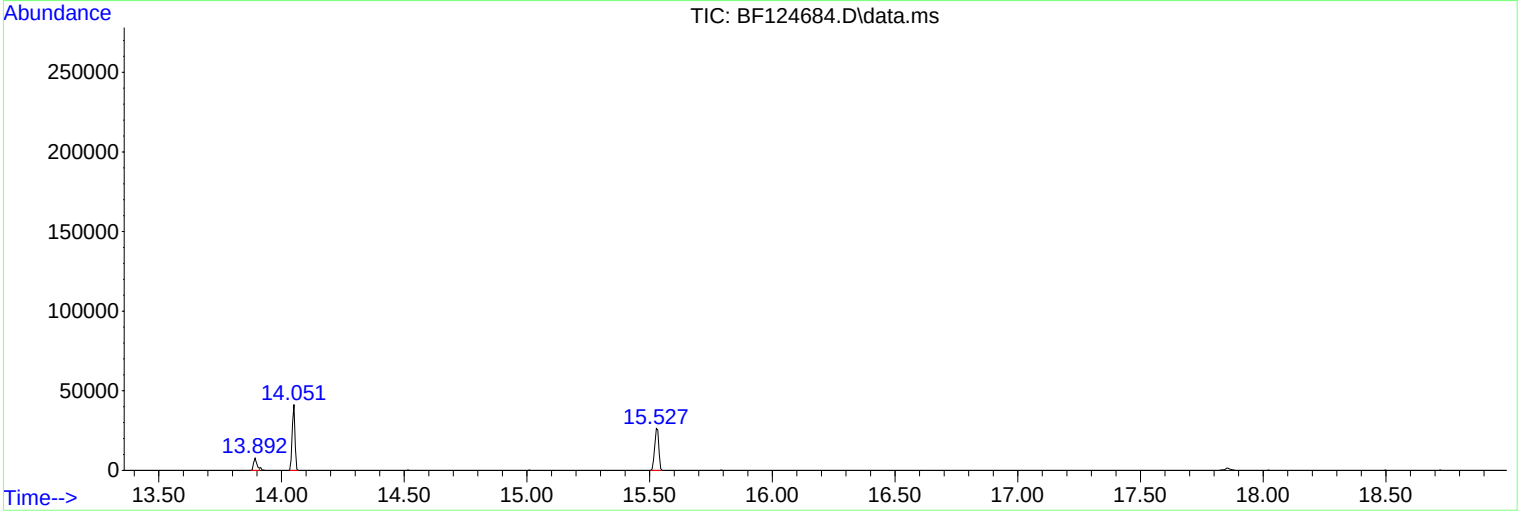
Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

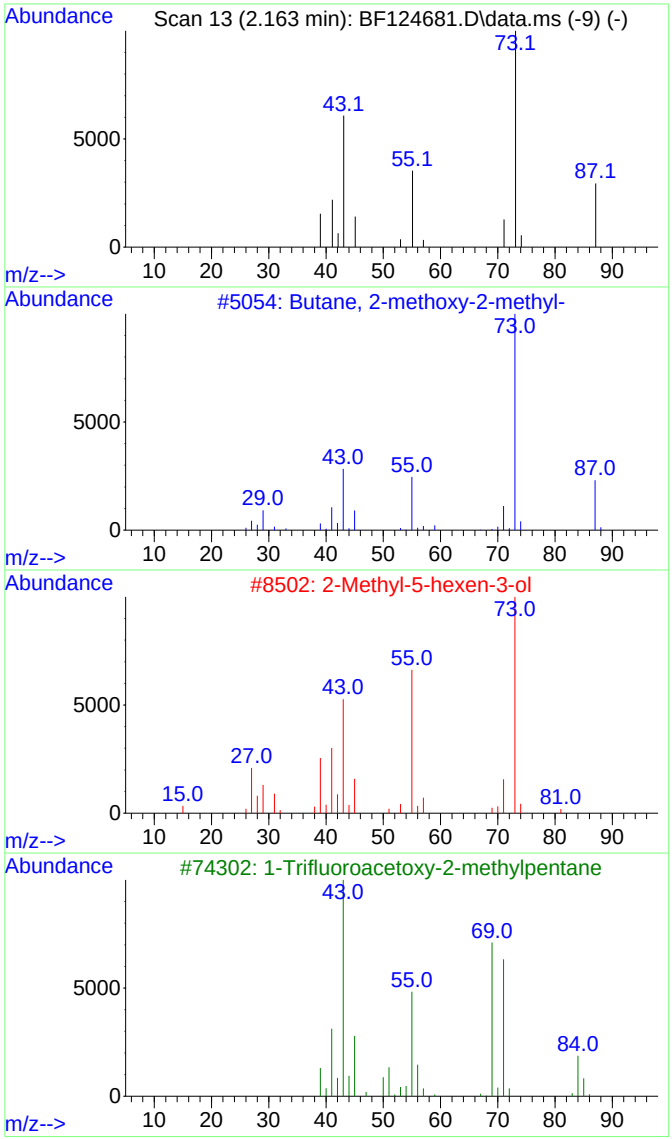
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

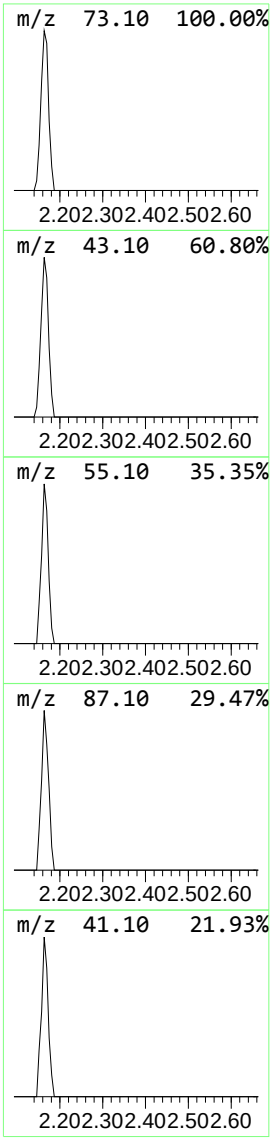
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	23.81 ng	38091	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	36
3	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	10
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

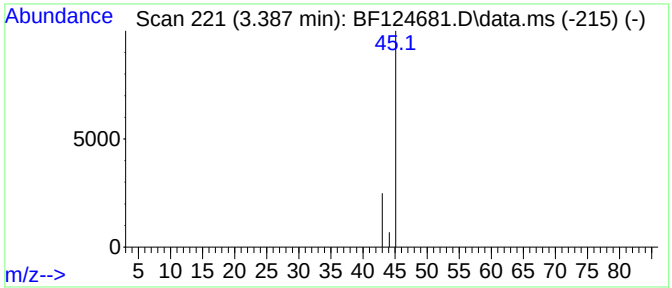
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

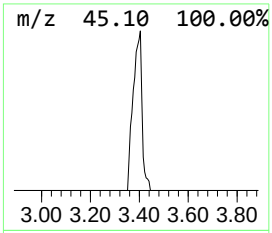
****

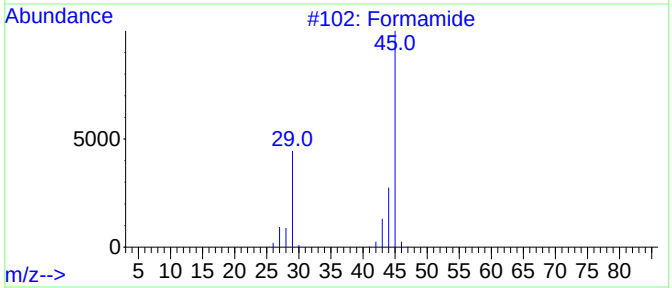
Peak Number 2 unknown3.387 Concentration Rank 3

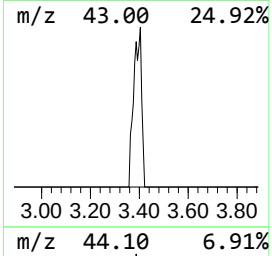
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	6.09 ng	9739	1,4-Dichlorobenzene-d4	6.887

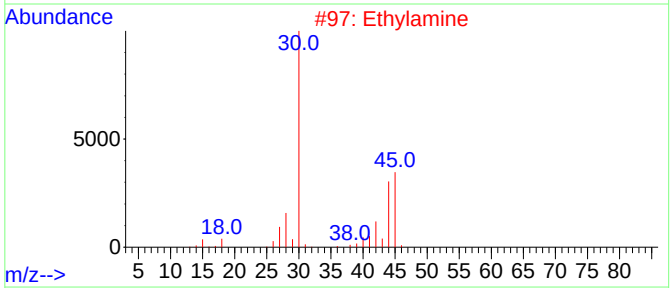
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide	45	CH3NO	000075-12-7	2
2	Ethylamine	45	C2H7N	000075-04-7	1
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	1
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	1
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	1

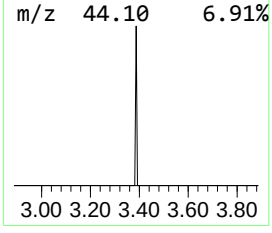


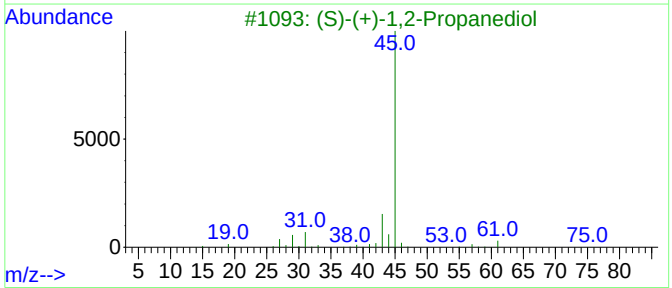












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

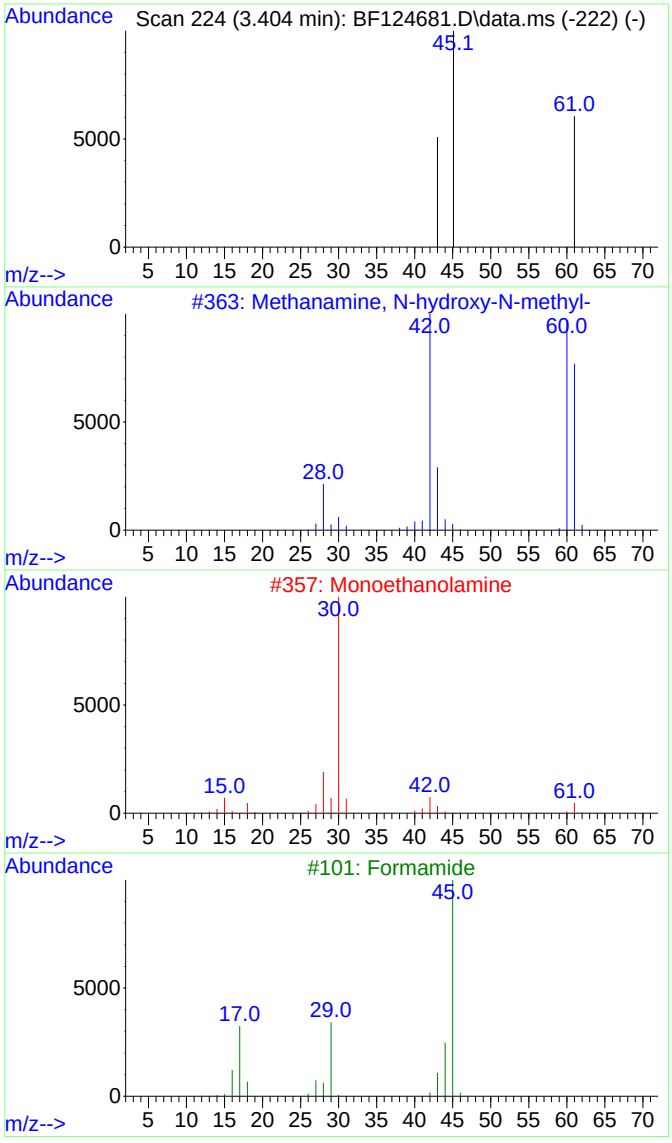
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

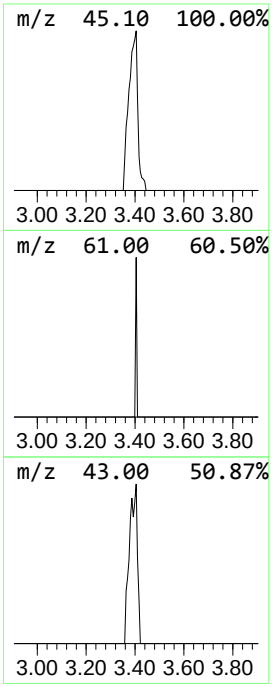
****

Peak Number 3 unknown3.404 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.404	4.45 ng	7121	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanamine, N-hydroxy-N-methyl-	61	C2H7NO	005725-96-2	2
2	Monoethanolamine	61	C2H7NO	000141-43-5	2
3	Formamide	45	CH3NO	000075-12-7	2
4	Methane, nitro-	61	CH3NO2	000075-52-5	2
5	o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

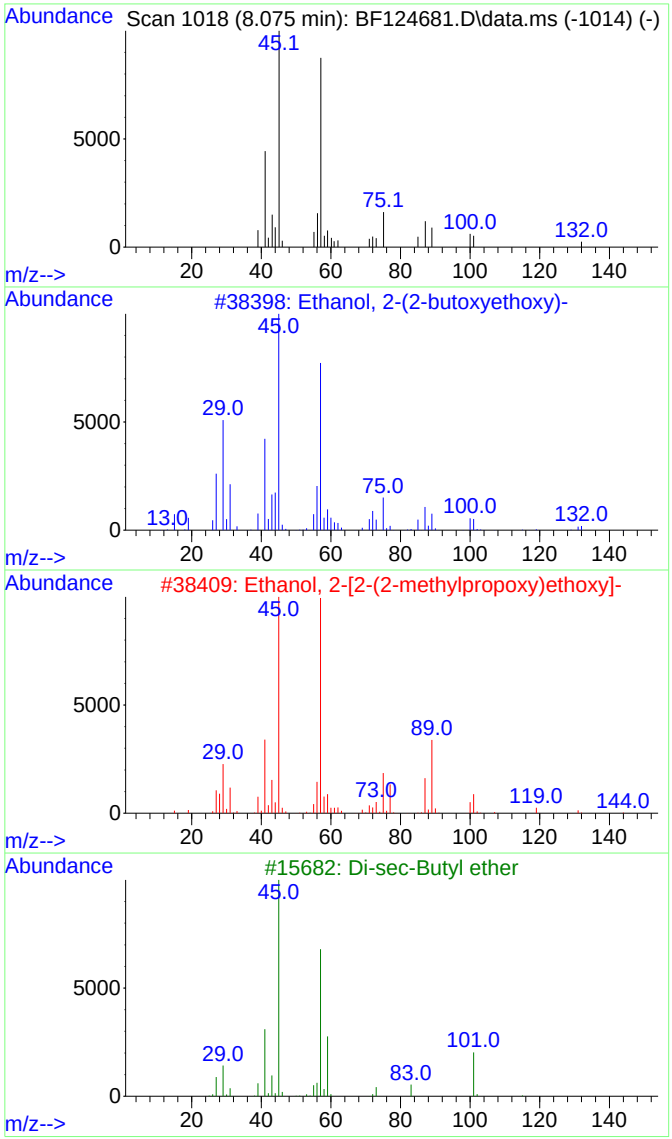
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

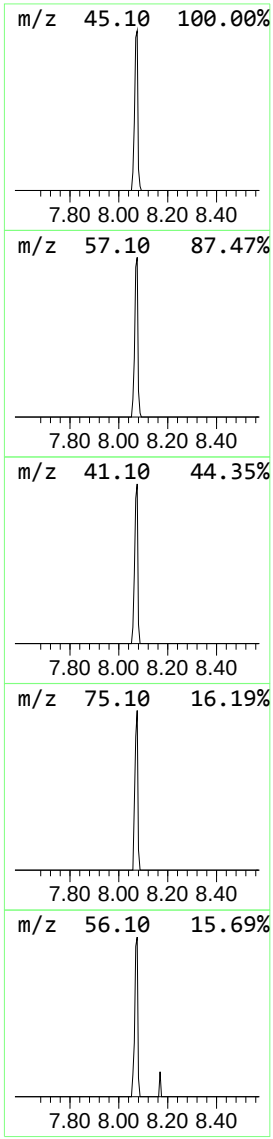
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	25.31 ng	56295	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	50
5	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

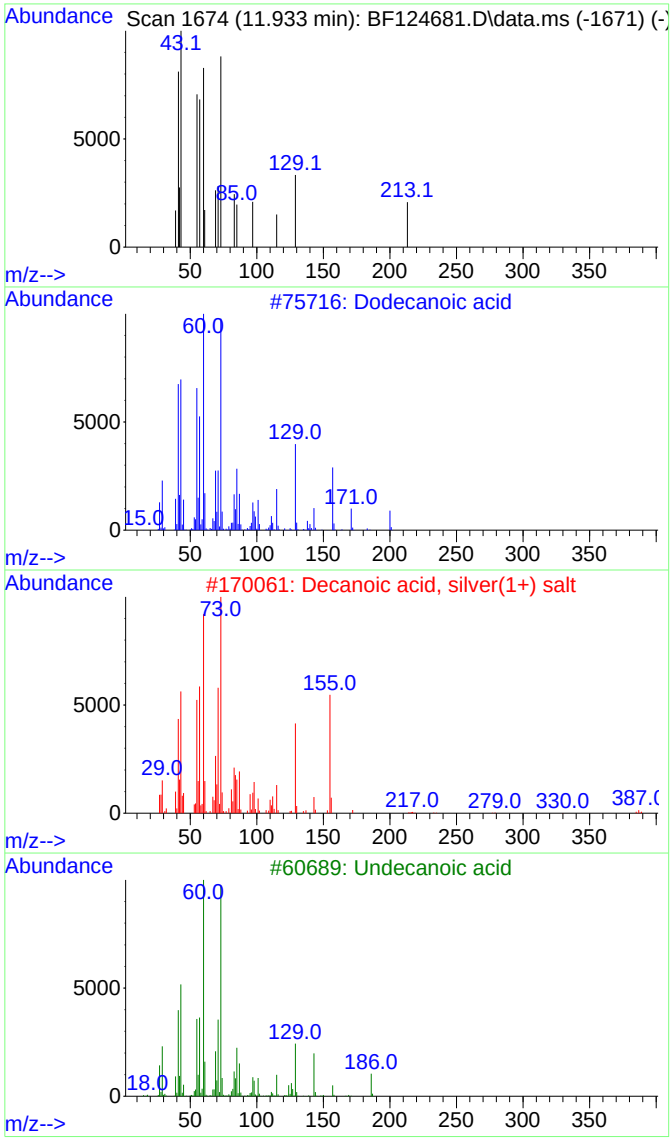
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

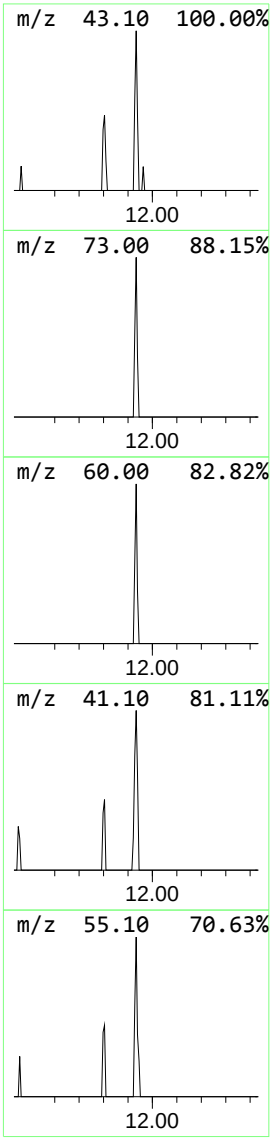
****

Peak Number 5 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.83 ng	9950	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	53
2	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

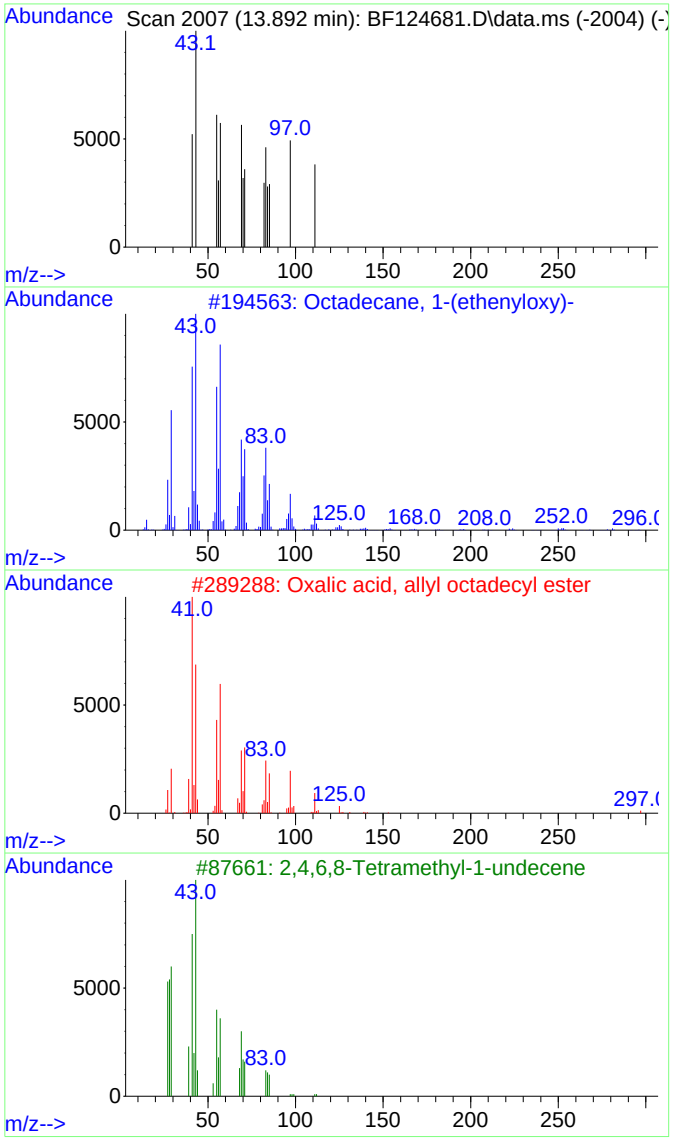
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

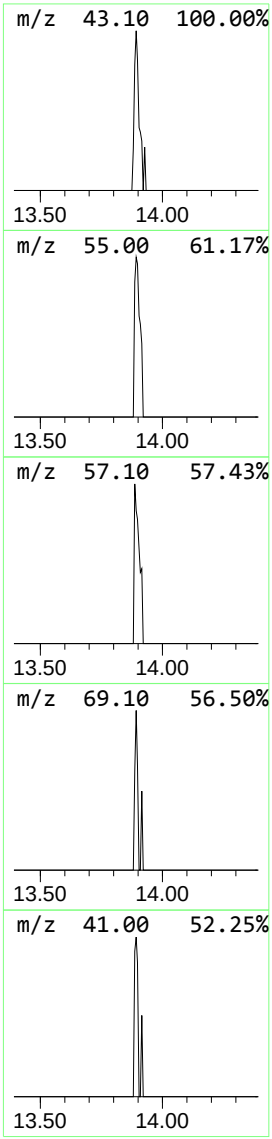
****

Peak Number 6 Octadecane, 1-(ethenyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	4.59 ng	7452	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	50
2	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	40
3	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	38
4	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	25
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124681.D
Acq On : 22 Jul 2021 3:18
Operator : JU/CG
Sample : M3114-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210516-FIELD-BLANK-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.163	23.8	ng	38091	1	6.887	31998	20.0
unknown3.387	3.387	6.1	ng	9739	1	6.887	31998	20.0
unknown3.404	3.404	4.5	ng	7121	1	6.887	31998	20.0
Ethanol, 2-(2-b...	8.075	25.3	ng	56295	2	8.169	44491	20.0
Dodecanoic acid	11.933	3.8	ng	9950	4	11.416	51963	20.0
Octadecane, 1-(...	13.892	4.6	ng	7452	5	14.051	32471	20.0