

Instrument :
BNA_M
LabSampleId :
SSTD02037

Sohil
1/24/2018 2:55:10 PM

[illegible]

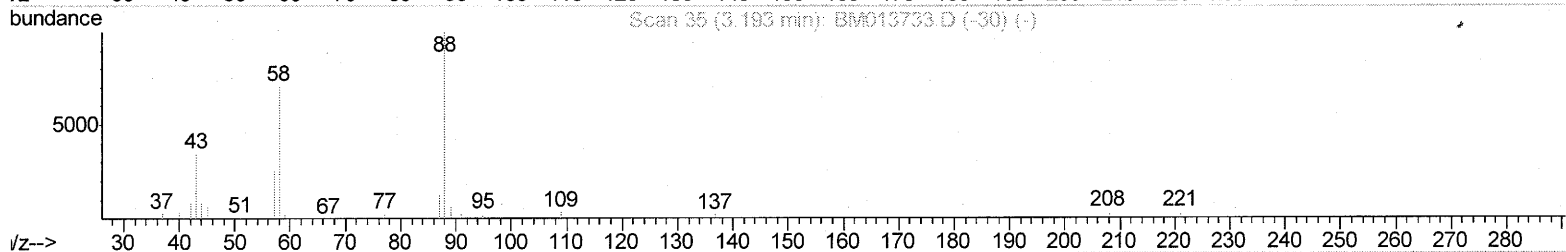
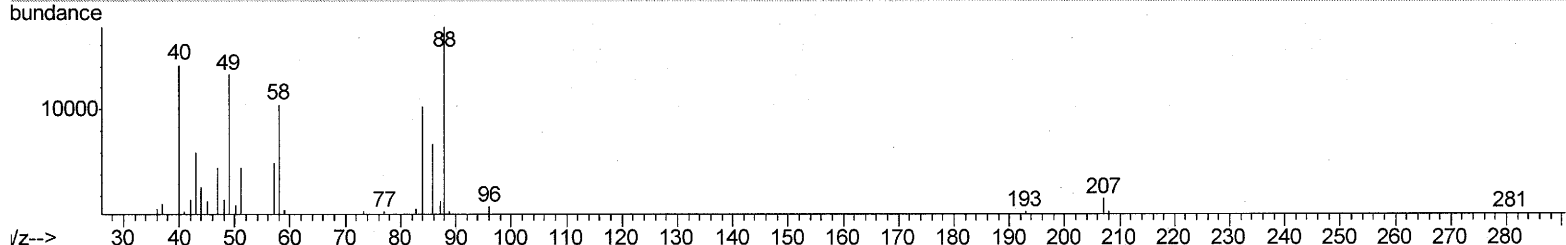
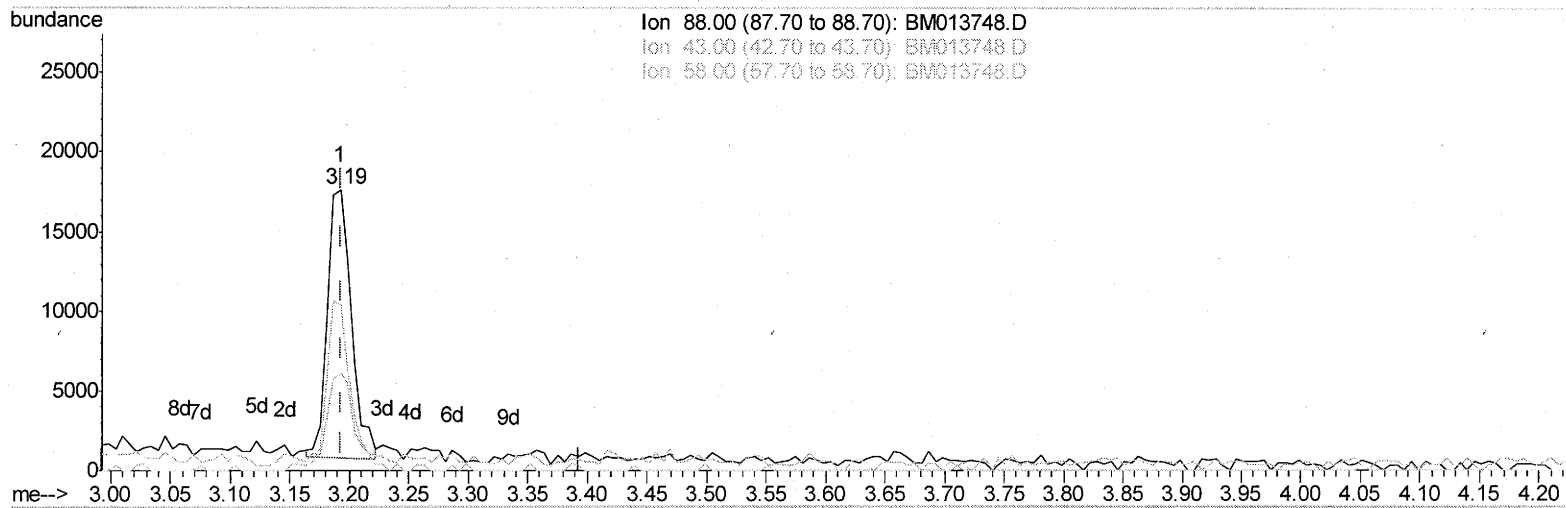
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
 Data File : BM013748.D
 Acq On : 24 Jan 2018 02:13
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jan 24 03:47:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 03:42:30 2018
 Response via : Initial Calibration



(2) 1,4-Dioxane

3.193min (-0.000) 5.89ng/uL

response 23768

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	35.91#
58.00	100.00	62.77#
0.00	0.00	0.00

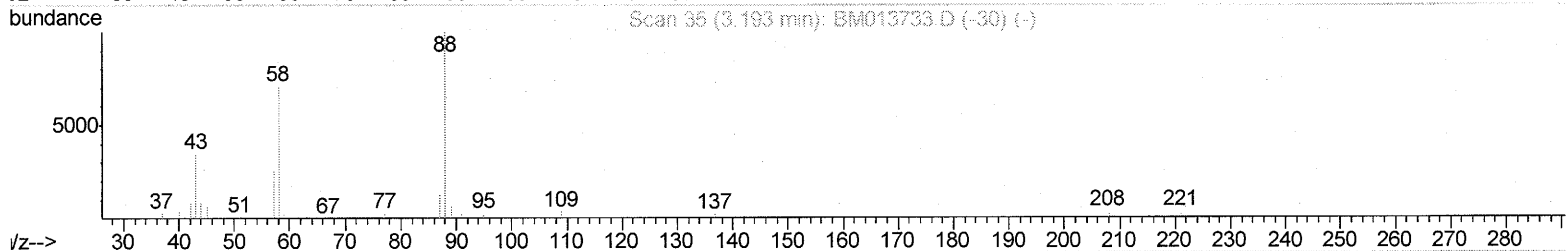
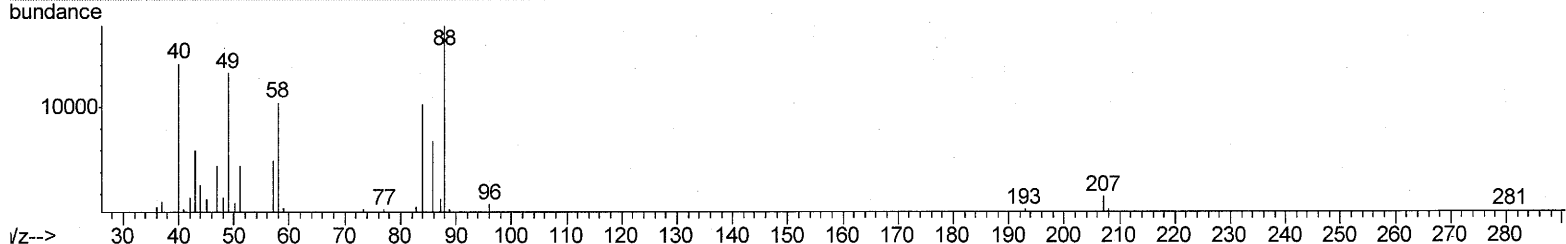
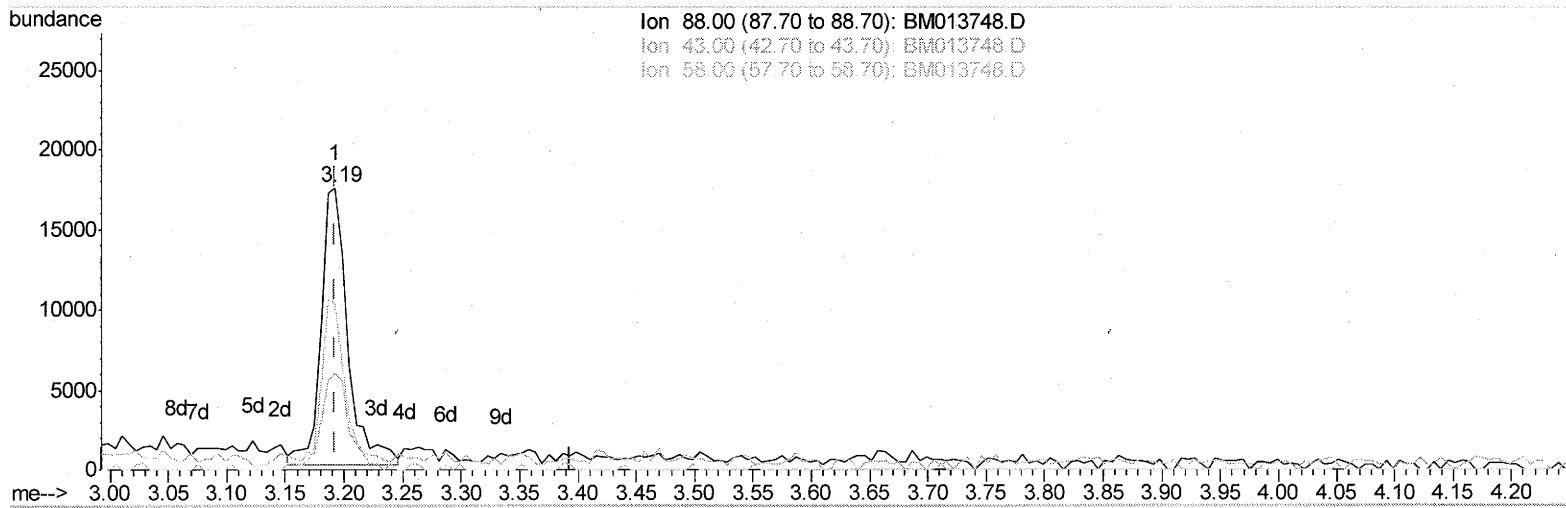
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TIC: BM013748.D

(2) 1,4-Dioxane

3.193min (-0.000) 6.77ng/uL m

response 27289

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	31.27#
58.00	100.00	54.67#
0.00	0.00	0.00

SJ 01/24/18

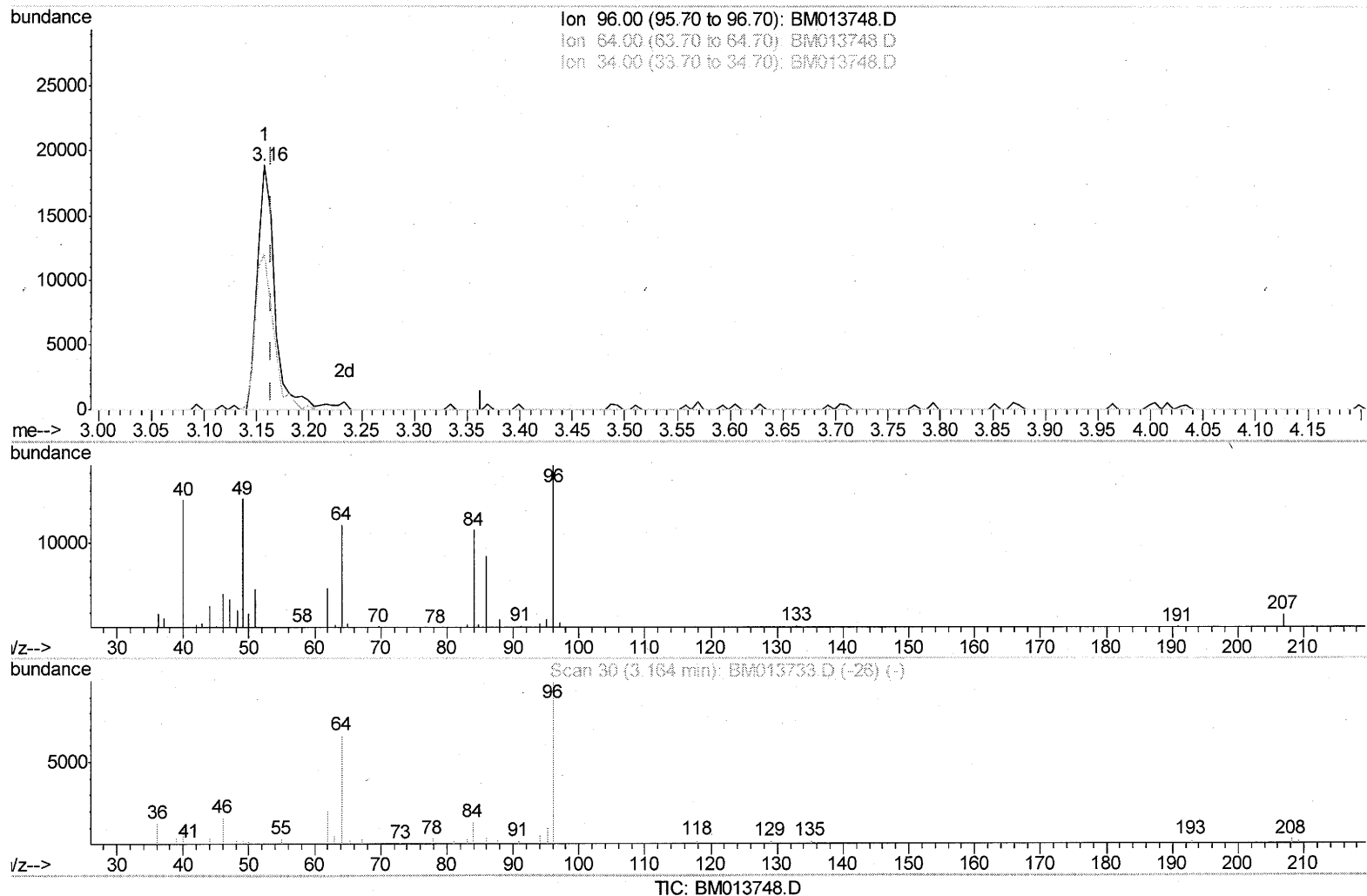
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(3) 1,4-Dioxane-d8 (S)

3.157min (-0.006) 5.91ng/uL

response 21752

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	64.36
34.00	0.00	0.00
0.00	0.00	0.00

TIC: BM013748.D

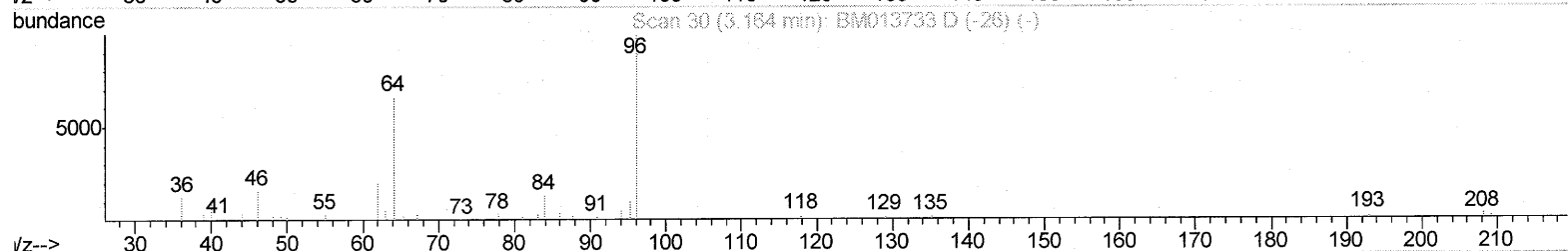
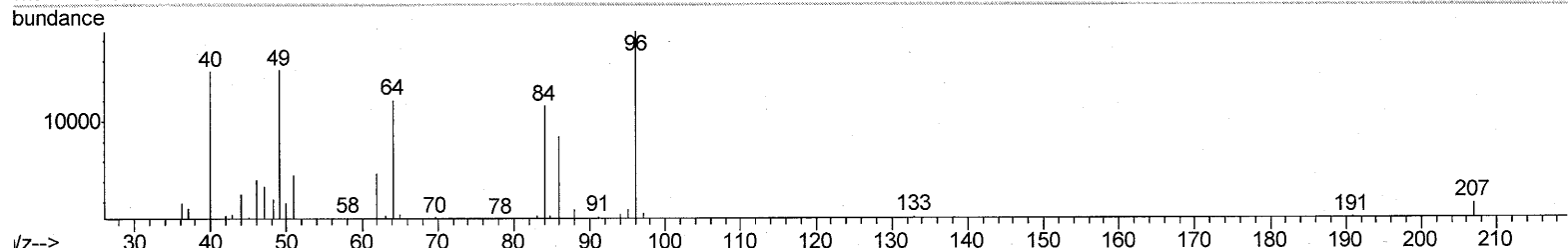
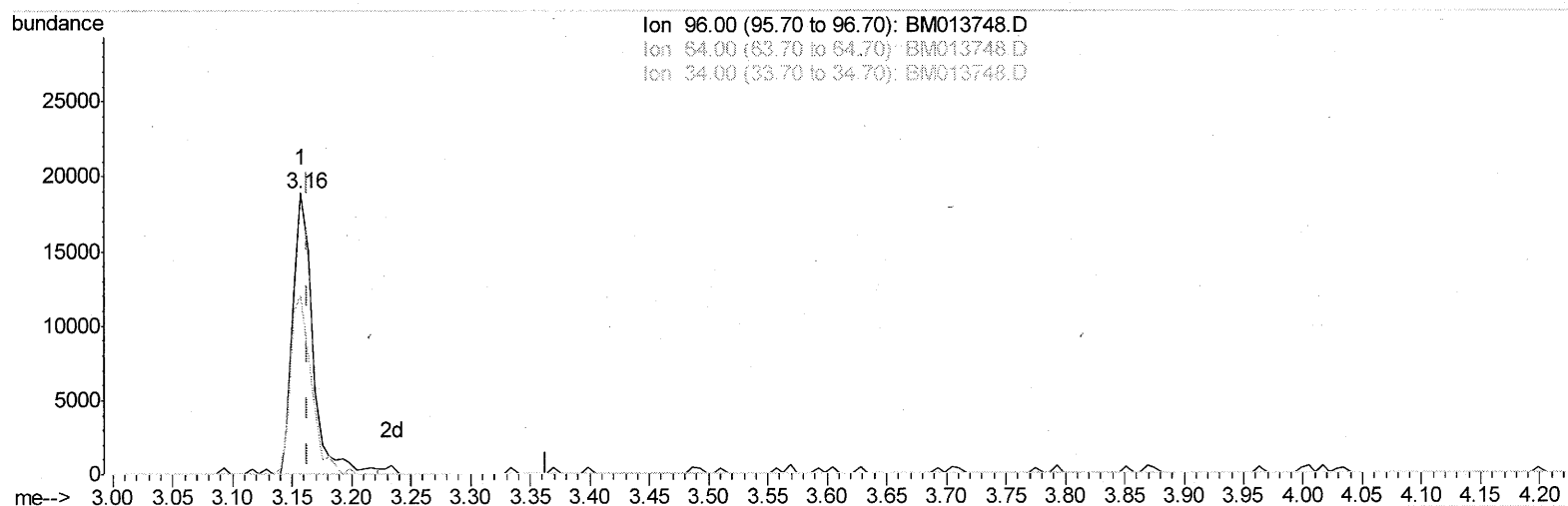
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012318\
 Data File : BM013748.D
 Acq On : 24 Jan 2018 02:13
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02037

Manual Integrations
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TIC: BM013748.D

(3) 1,4-Dioxane-d8 (S)

3.157min (-0.006) 6.02ng/uL m

response 22172

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	63.14
34.00	0.00	0.00
0.00	0.00	0.00

SJ
1/24/18

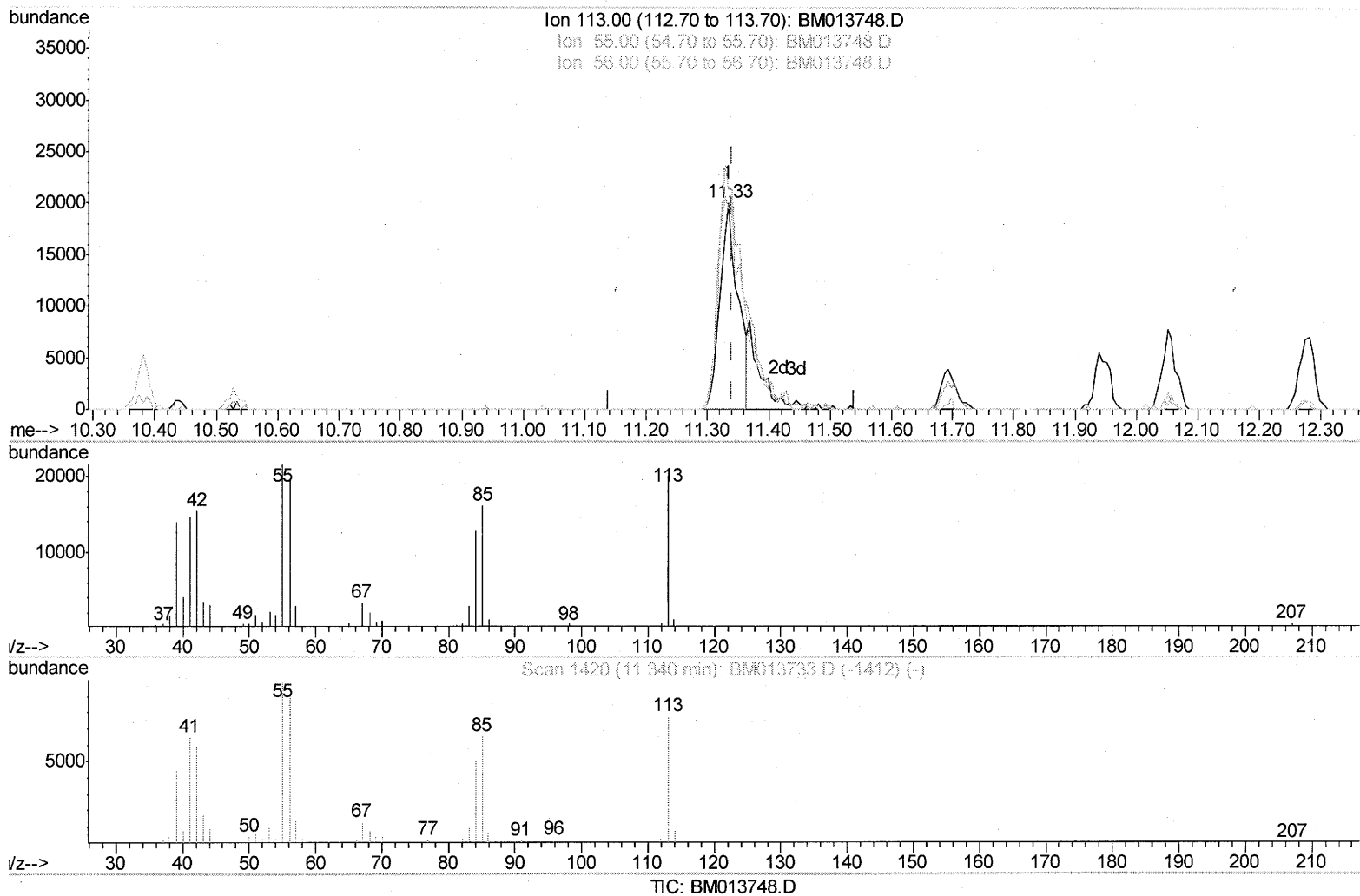
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 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jan 24 06:00:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 03:42:30 2018
 Response via : Initial Calibration



(32) Caprolactam

11.333min (-0.006) 17.14ng/ul

response 40898

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	106.90#
56.00	200.00	97.49#
0.00	0.00	0.00

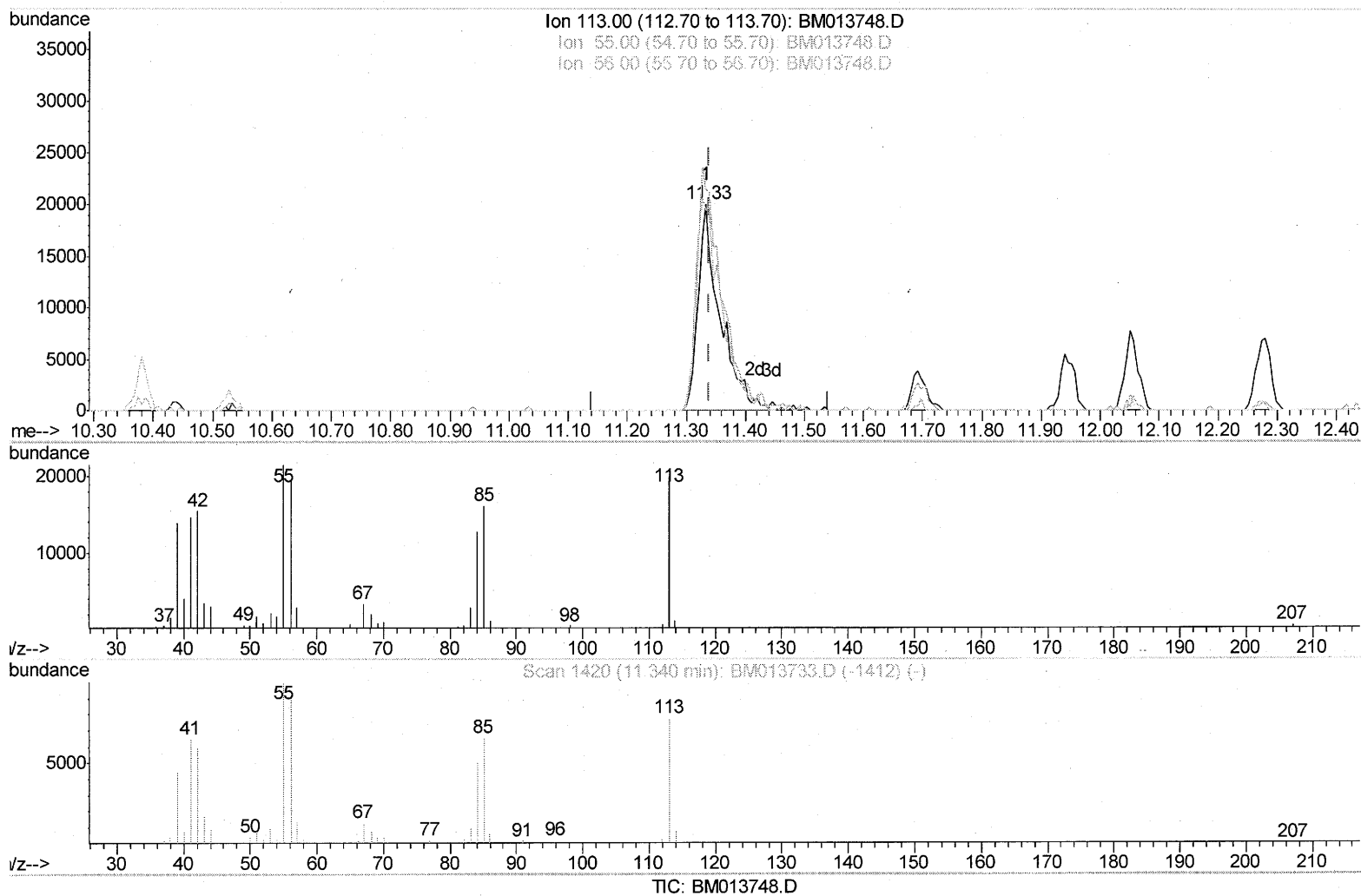
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 Acq On : 24 Jan 2018 02:13
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 Sample : SSTDC0020
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(32) Caprolactam

11.333min (-0.006) 21.93ng/ul m

response 52309

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	106.90#
56.00	200.00	97.49#
0.00	0.00	0.00

24 01/24/18

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Quant Time: Jan 24 06:01:41 2018
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 QLast Update : Wed Jan 24 03:42:30 2018
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	145503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	561775	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	330856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	776676	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	868700	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	840217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	22172m	6.02	ng/uL	0.00
5) Phenol-d5	6.79	99	218530	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	125087	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	182668	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	173735	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	90873	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	100358	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	188645	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	191893	24.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	537653	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	713004	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	84717	19.12	ng/ul	0.00
57) Fluorene-d10	15.26	176	483723	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	81823	17.50	ng/ul	0.00
70) Anthracene-d10	17.11	188	771667	20.40	ng/ul	0.00
76) Pyrene-d10	19.42	212	861217	21.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	806691	20.89	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.19	88	27289m	6.767	ng/uL
4) Benzaldehyde	6.76	77	153869	19.905	ng/ul
6) Phenol	6.82	94	219208	19.566	ng/ul
8) Bis(2-Chloroethyl)ether	7.05	93	172611	19.689	ng/ul
10) 2-Chlorophenol	7.17	128	182352	20.102	ng/ul
11) 2-Methylphenol	8.06	108	161870	19.600	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.15	45	166124	18.623	ng/ul#
14) Acetophenone	8.43	105	278547	19.602	ng/ul
15) N-Nitroso-di-n-propylamine	8.42	70	135091	19.486	ng/ul#
16) 4-Methylphenol	8.38	108	173695	19.670	ng/ul
17) Hexachloroethane	8.67	117	83060	18.811	ng/ul#
20) Nitrobenzene	8.80	77	219437	19.487	ng/ul
21) Isophorone	9.33	82	352497	19.374	ng/ul#
23) 2-Nitrophenol	9.51	139	103817	21.627	ng/ul#
24) 2,4-Dimethylphenol	9.57	107	205723	20.327	ng/ul#
25) Bis(2-Chloroethoxy)methane	9.81	93	216171	19.489	ng/ul
27) 2,4-Dichlorophenol	10.04	162	178702	20.839	ng/ul#
28) Naphthalene	10.43	128	583857	20.891	ng/ul
30) 4-Chloroaniline	10.56	127	198125	25.881	ng/ul
31) Hexachlorobutadiene	10.71	225	136087	19.333	ng/ul
32) Caprolactam	11.33	113	52309m	21.927	ng/ul
33) 4-Chloro-3-methylphenol	11.69	107	179867	20.691	ng/ul
34) 2-Methylnaphthalene	12.05	142	426240	20.456	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	249333	20.338	ng/ul	97
37) Hexachlorocyclopentadiene	12.40	237	63919	12.559	ng/ul	97
38) 2,4,6-Trichlorophenol	12.68	196	150603	21.223	ng/ul	93
39) 2,4,5-Trichlorophenol	12.76	196	162767	22.043	ng/ul	94
40) 1,1'-Biphenyl	13.09	154	558009	20.262	ng/ul	96
41) 2-Chloronaphthalene	13.13	162	448298	20.823	ng/ul	99
42) 2-Nitroaniline	13.35	65	120750	20.333	ng/ul	93
44) Dimethylphthalate	13.72	163	546463	20.382	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	105049	20.219	ng/ul#	96
47) Acenaphthylene	13.97	152	652851	20.520	ng/ul	96
48) 3-Nitroaniline	14.19	138	97470	23.854	ng/ul	79
49) Acenaphthene	14.32	153	447304	20.300	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	39755	13.348	ng/ul	97
52) 4-Nitrophenol	14.50	109	84237	18.712	ng/ul#	76
53) Dibenzofuran	14.66	168	657281	19.828	ng/ul	97
54) 2,4-Dinitrotoluene	14.64	165	159517	21.062	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	144936	20.868	ng/ul#	90
56) Diethylphthalate	15.10	149	533993	19.791	ng/ul	97
58) Fluorene	15.32	166	543823	20.028	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	292910	19.963	ng/ul	95
60) 4-Nitroaniline	15.35	138	99036	20.715	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.41	198	83842	16.991	ng/ul#	93
64) N-Nitrosodiphenylamine	15.53	169	464209	20.322	ng/ul	94
65) 4-Bromophenyl-phenylether	16.21	248	184961	20.163	ng/ul	95
66) Hexachlorobenzene	16.32	284	198304	20.083	ng/ul#	89
67) Atrazine	16.49	200	183773	20.157	ng/ul	93
68) Pentachlorophenol	16.67	266	102475	19.530	ng/ul	97
69) Phenanthrene	17.06	178	874759	20.262	ng/ul	98
71) Anthracene	17.14	178	917910	20.613	ng/ul	98
72) Carbazole	17.42	167	755820	20.562	ng/ul	98
73) Di-n-butylphthalate	17.99	149	858995	19.870	ng/ul	99
74) Fluoranthene	19.08	202	1052416	20.422	ng/ul#	95
77) Perylene	19.44	202	1097911	20.790	ng/ul#	96
78) Butylbenzylphthalate	20.36	149	396548	21.316	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.13	252	336830	23.438	ng/ul#	94
80) Benzo(a)anthracene	21.20	228	1099579	20.948	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.13	149	567555	20.334	ng/ul#	98
82) Chrysene	21.25	228	973513	20.217	ng/ul	100
84) Di-n-octyl phthalate	22.00	149	958709	18.934	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	1076706	20.867	ng/ul#	96
86) Benzo(k)fluoranthene	22.80	252	1021916	20.490	ng/ul#	98
88) Benzo(a)pyrene	23.31	252	1006187	20.642	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.61	276	1147780	19.947	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.61	278	987228	20.317	ng/ul#	97
91) Benzo(a,h,i)perylene	26.28	276	958518	20.240	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed