

(QT Reviewed)

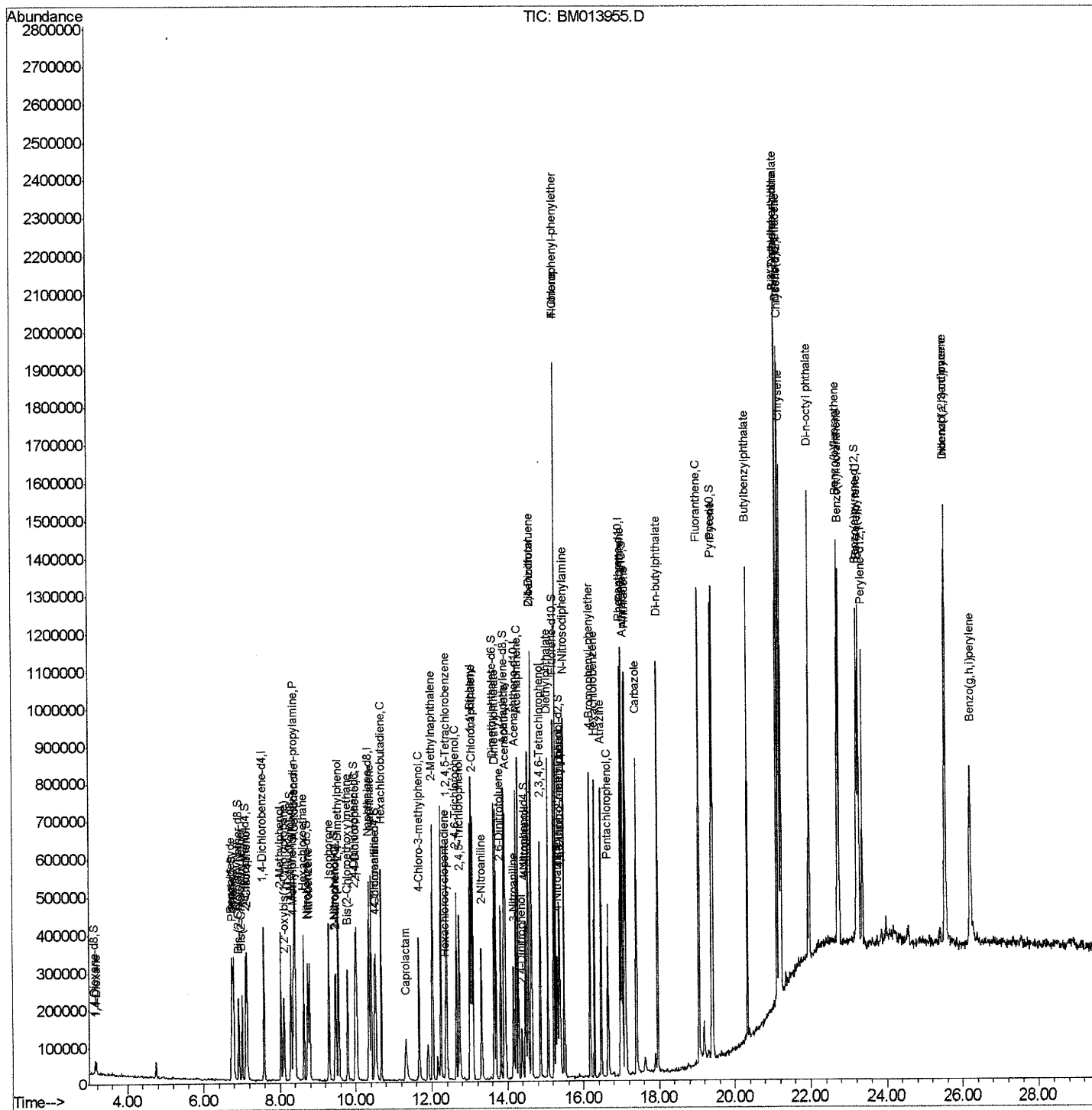
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Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\  
Data File : BM013955.D  
Acq On    : 29 Jan 2018  12:56  
Operator  : SJ/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02006

Manual Integrations

Sohil
1/30/2018 3:33:50 PM

Quant Time: Jan 30 01:05:05 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

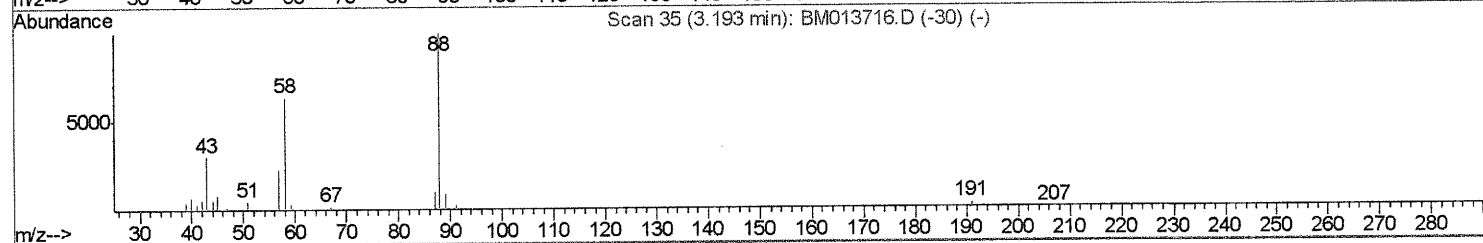
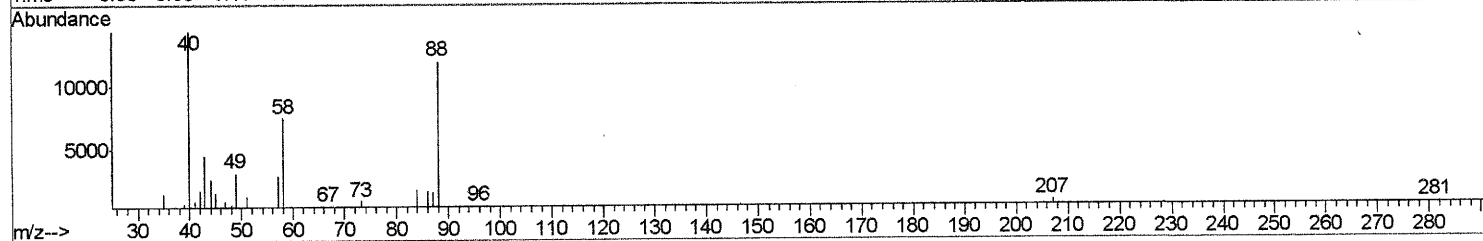
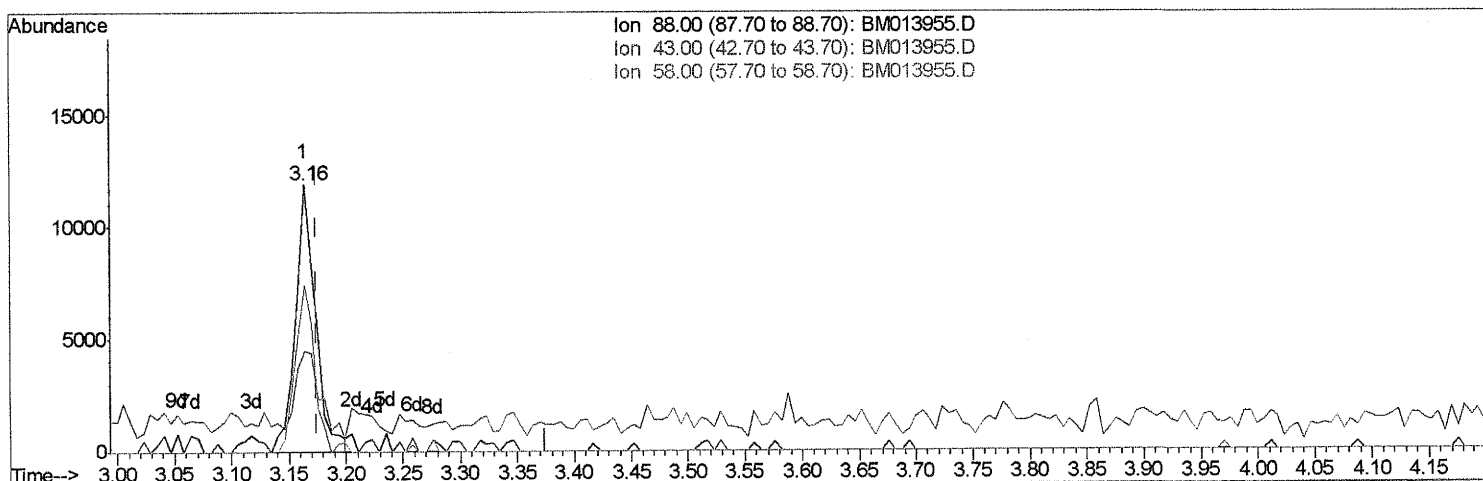
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LabSampleId :
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Manual Integrations
APPROVED

Sohil
1/30/2018 3:33:50 PM

Quant Time: Jan 30 01:01:57 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
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TIC: BM013955.D

(2) 1,4-Dioxane

3.164min (-0.011) 5.30ng/uL

response 14592

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	40.35#
58.00	100.00	59.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

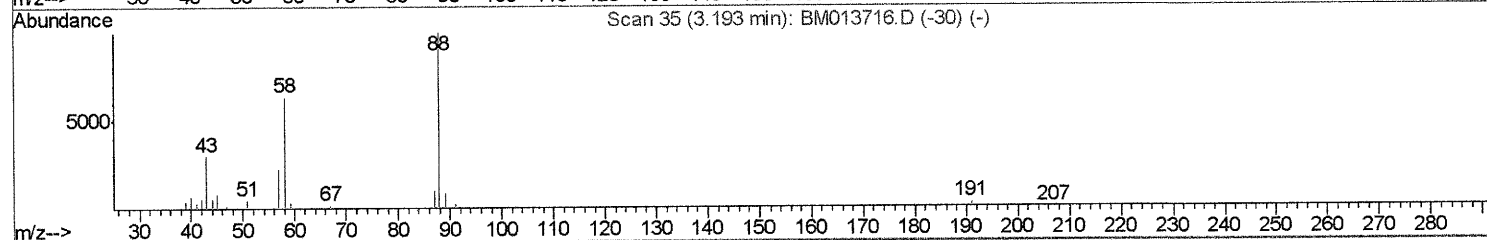
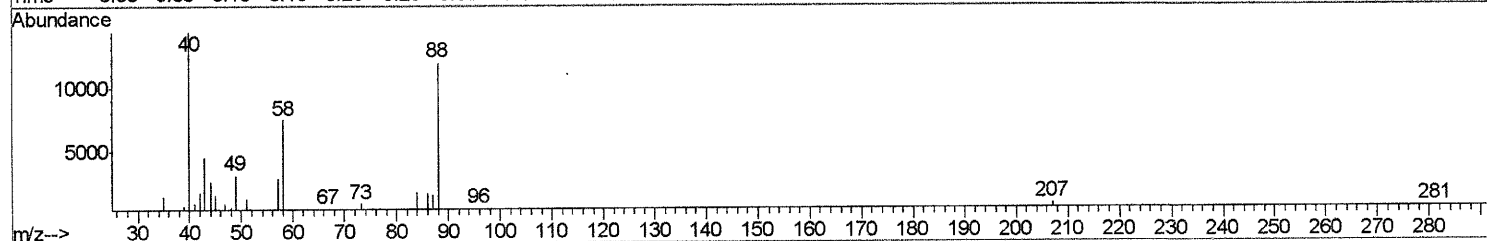
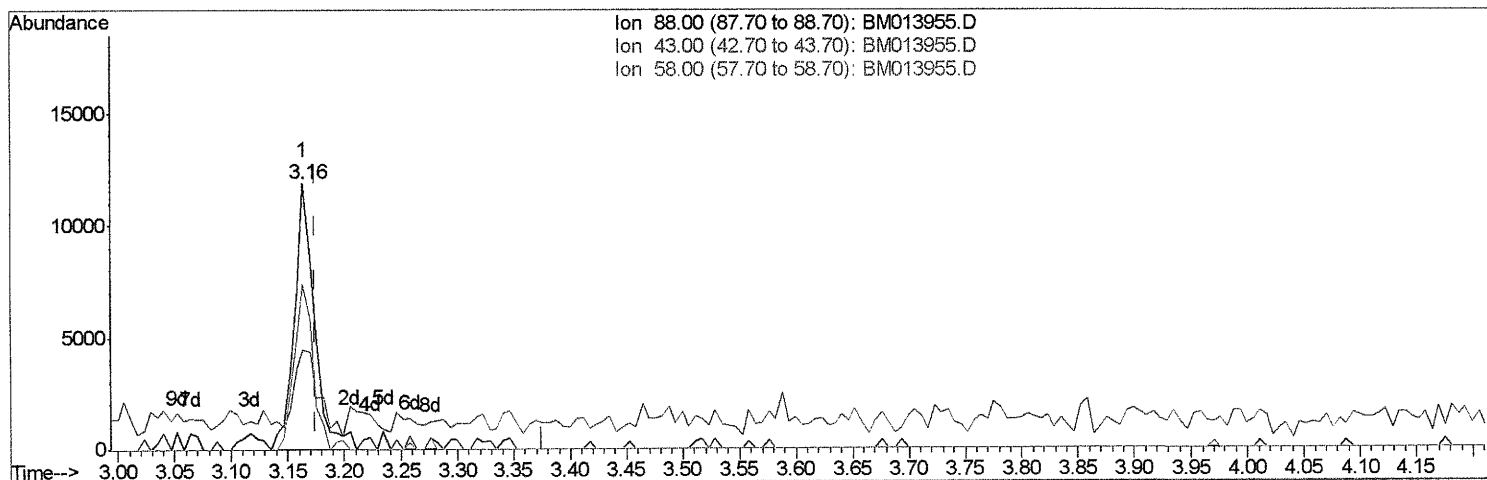
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Operator : SJ/JU
Sample : SSTDCCC020
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Manual Integrations
APPROVED

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1/30/2018 3:33:50 PM

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TIC: BM013955.D

(2) 1,4-Dioxane

3.164min (-0.011) 5.40ng/uL m SJ 2/8/18

response 14883

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	39.56#
58.00	100.00	58.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

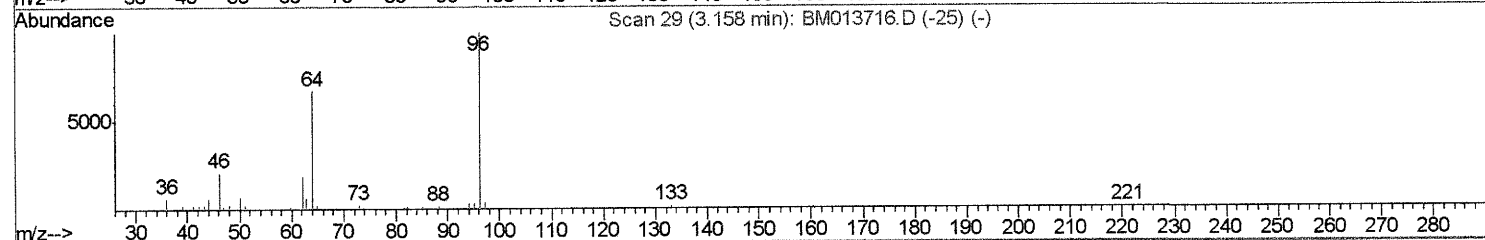
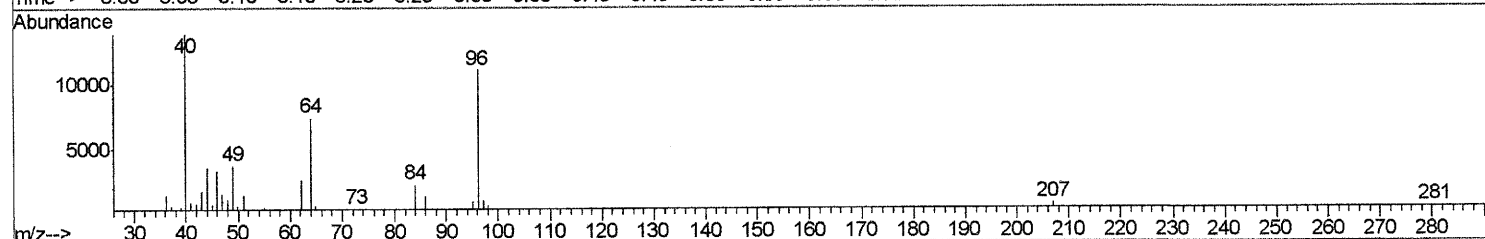
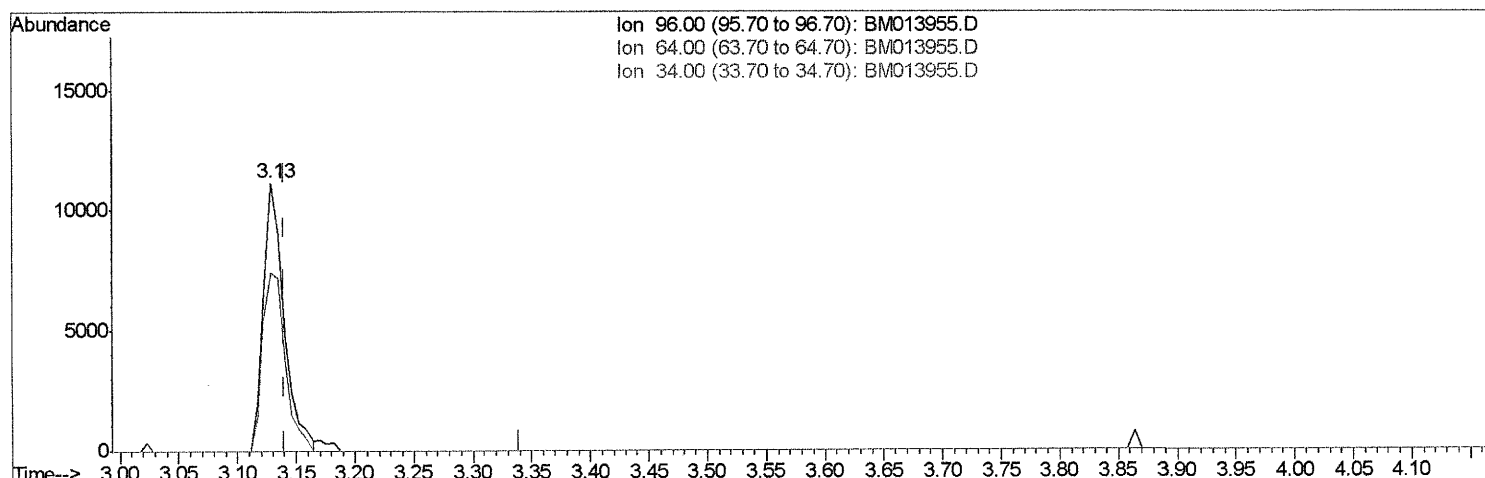
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Instrument :
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Manual Integrations
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TIC: BM013955.D

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

3.128min (-0.011) 5.37ng/uL

response 13499

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	73.58
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

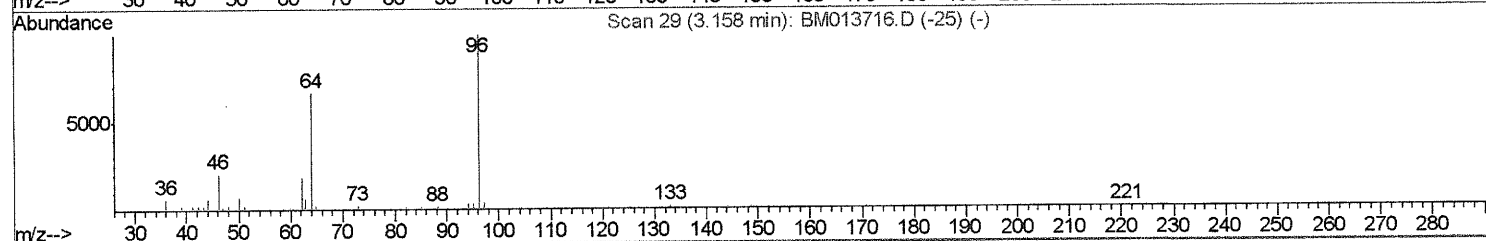
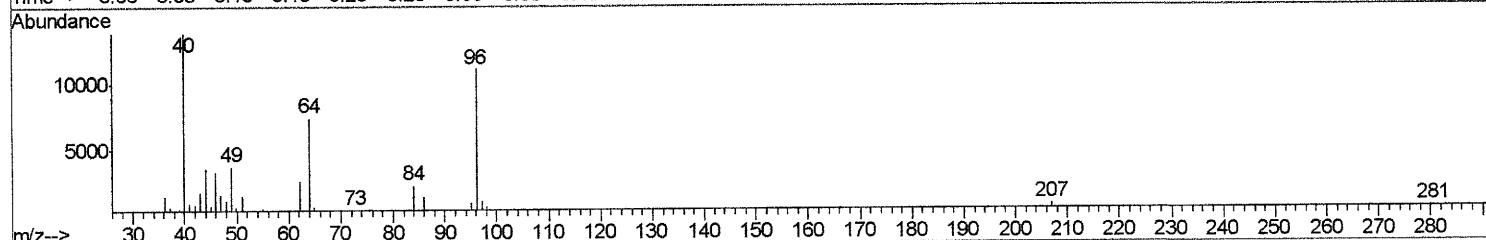
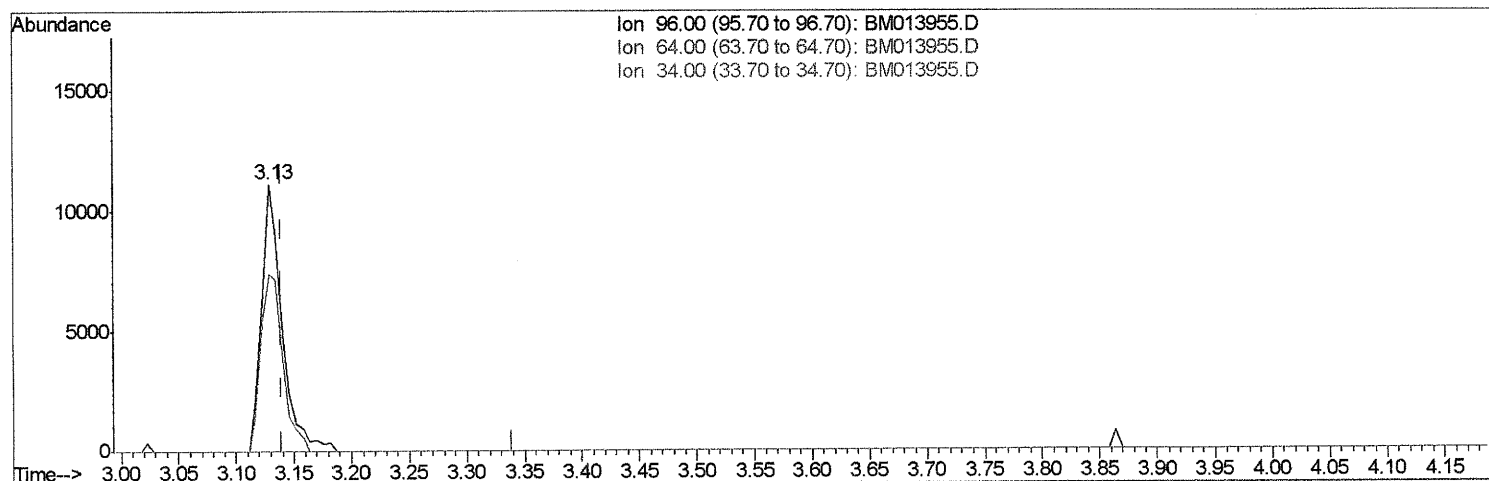
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013955.D
 Acq On : 29 Jan 2018 12:56
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02006

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:33:50 PM

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TIC: BM013955.D

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

3.128min (-0.011) 5.53ng/uL m> SJ 2/8/18

response 13900

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	71.46
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

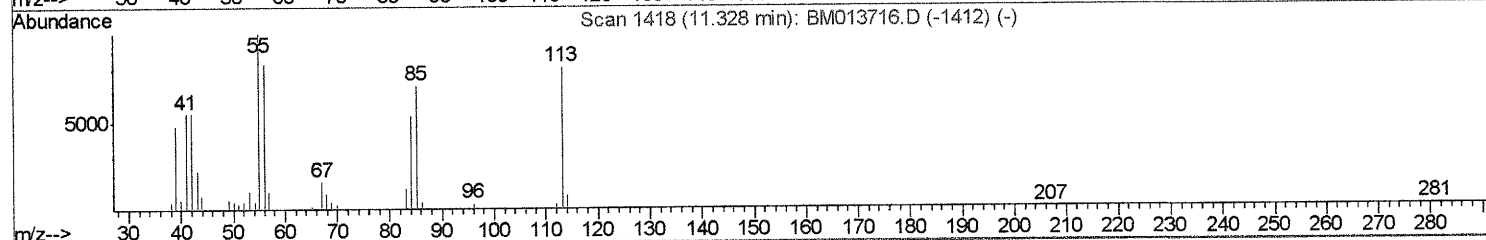
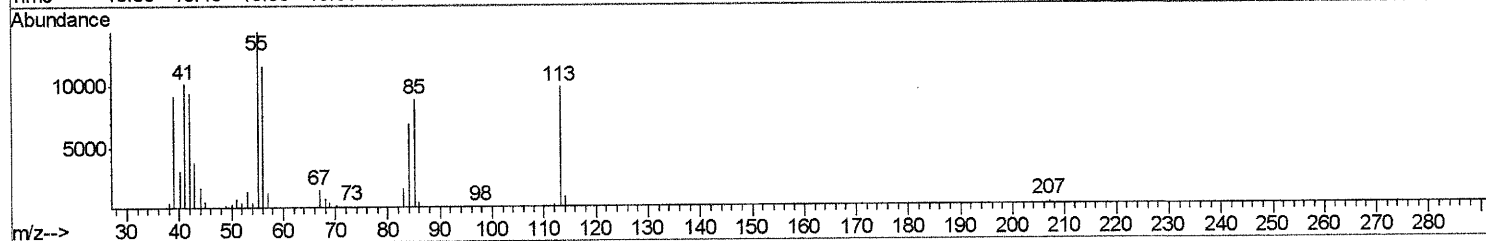
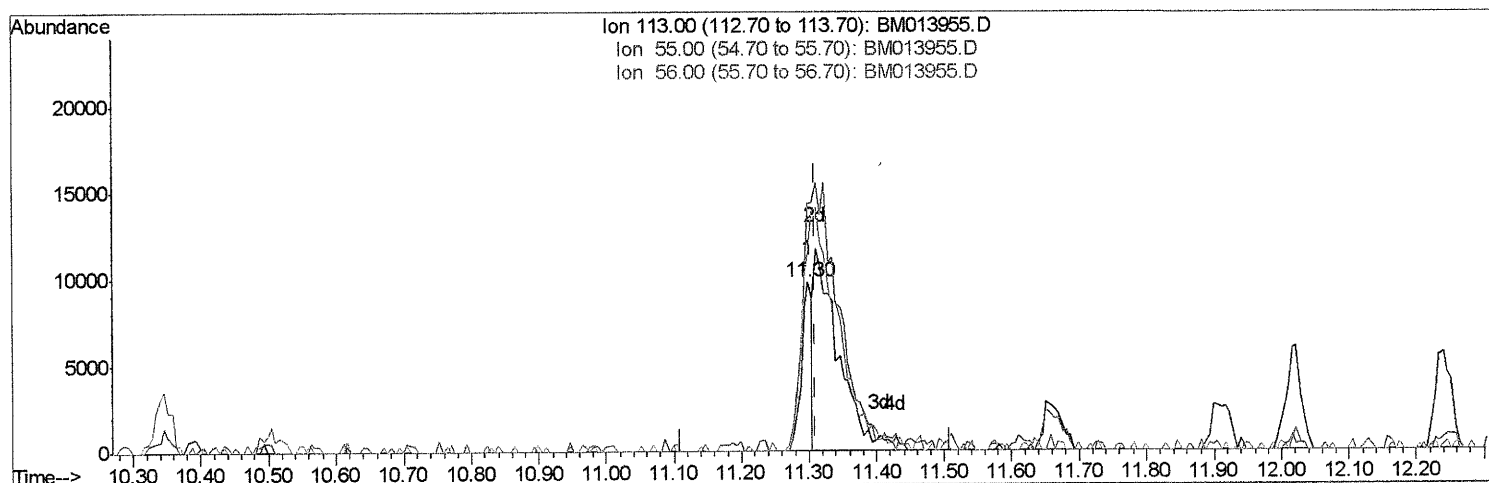
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 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02006

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:33:50 PM

Quant Time: Jan 30 01:03:15 2018
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TIC: BM013955.D

(32) Caprolactam

11.299min (-0.011) 6.96ng/ul

response 11714

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	145.90#
56.00	200.00	117.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

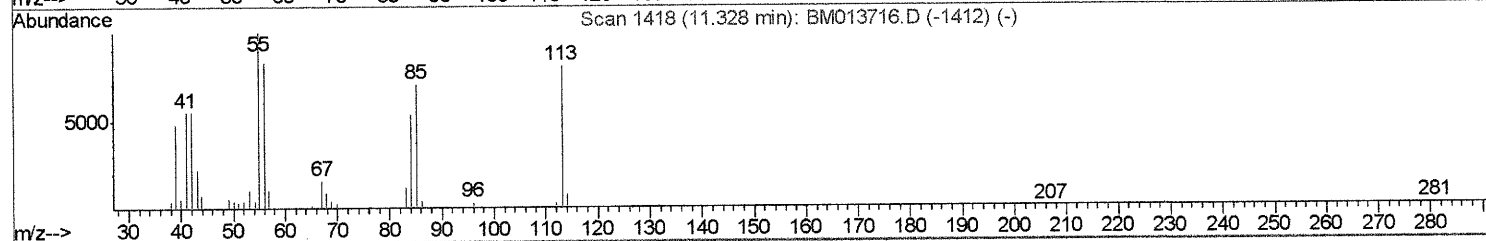
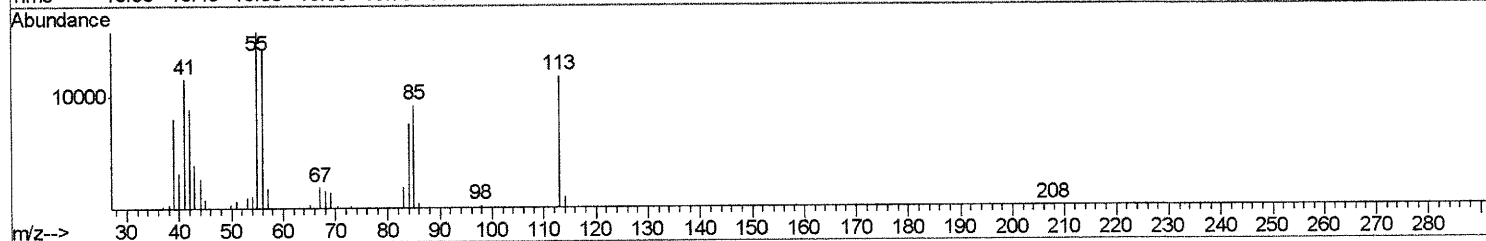
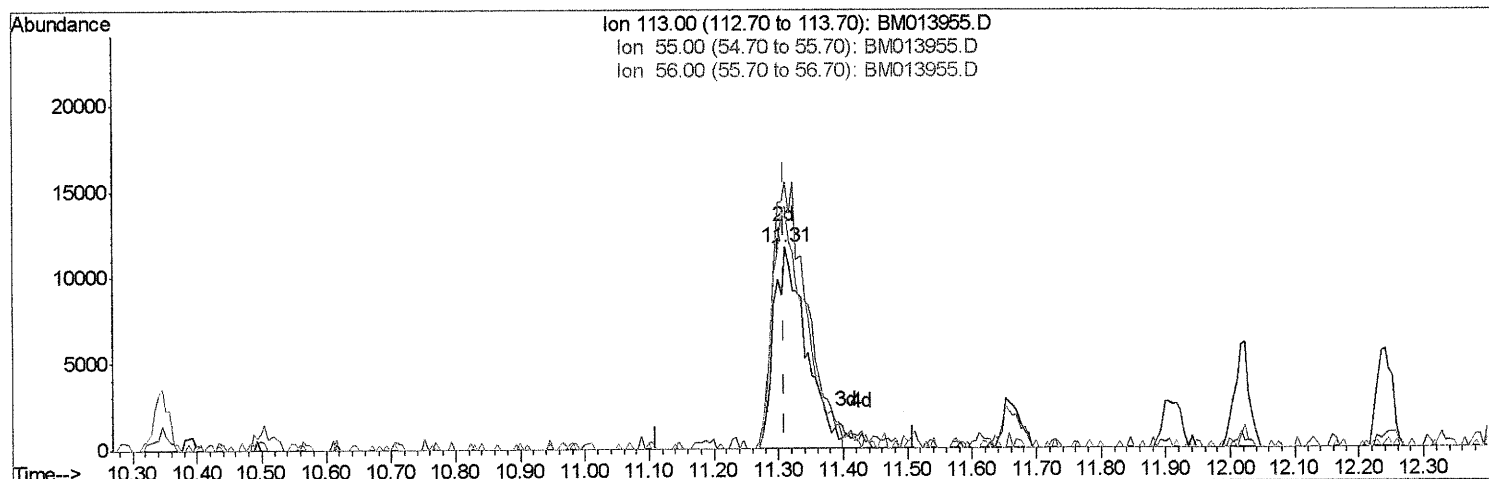
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Data File : BM013955.D
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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
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Manual Integrations
APPROVED

Sohil
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TIC: BM013955.D

(32) Caprolactam

11.310min (+0.001) 23.50ng/ul m> SJ 2/8/18

response 39541

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	132.87#
56.00	200.00	120.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

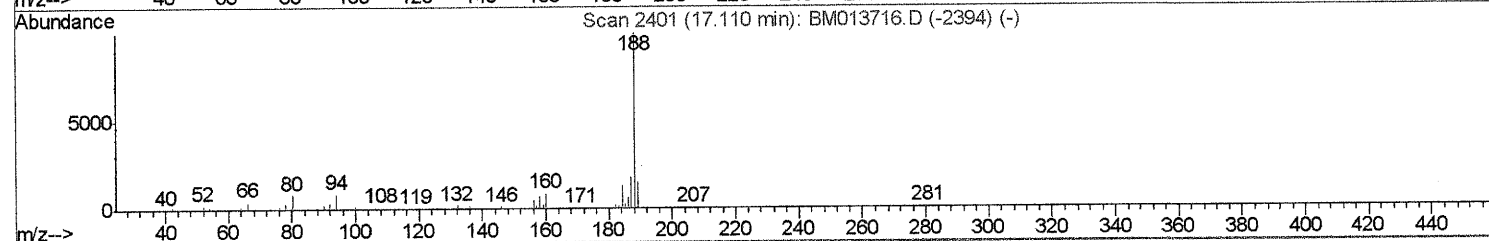
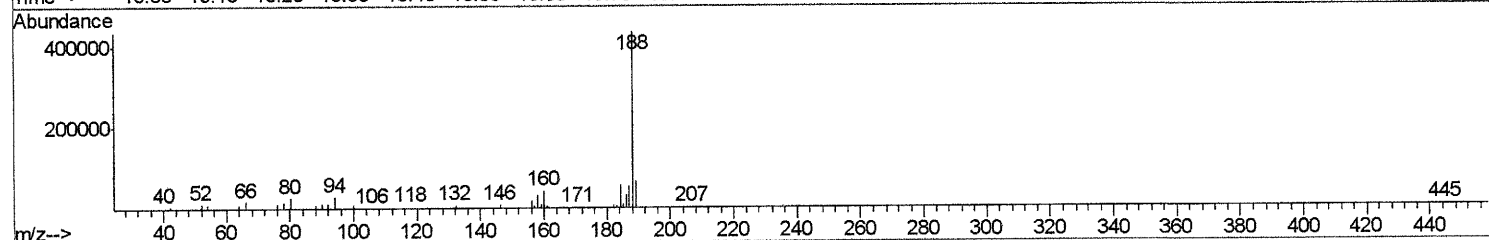
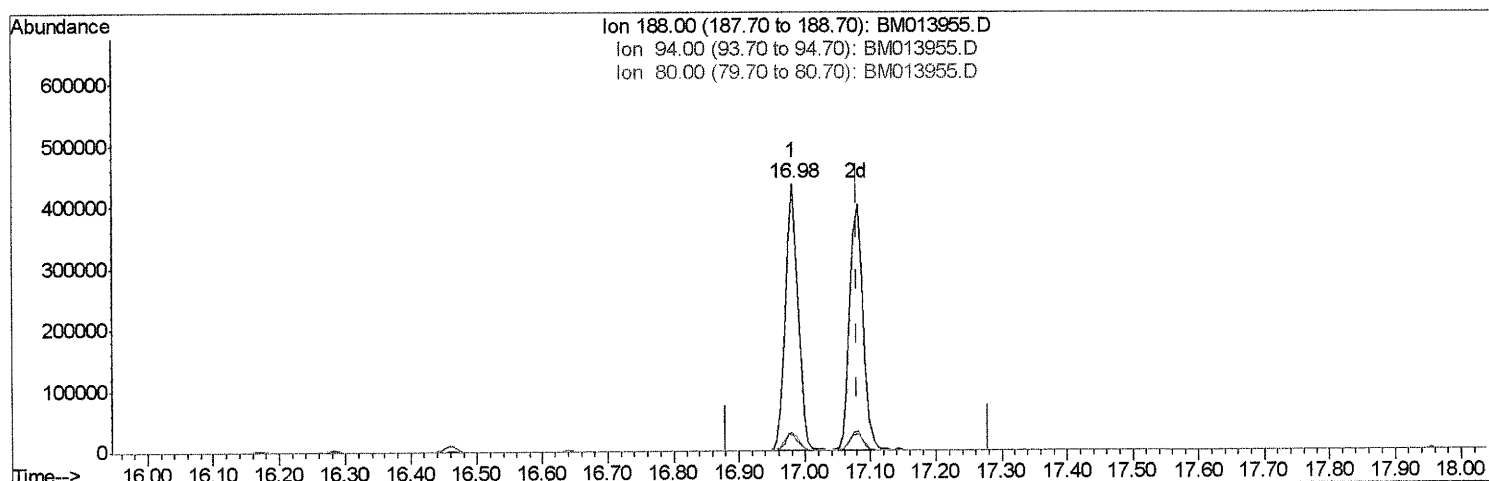
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 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02006

Manual Integrations
 APPROVED

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TIC: BM013955.D

(70) Anthracene-d10 (S)

16.980min (-0.100) 20.53ng/ul

response 577218

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.61
80.00	5.90	6.15
0.00	0.00	0.00

Quantitation Report (Qedit)

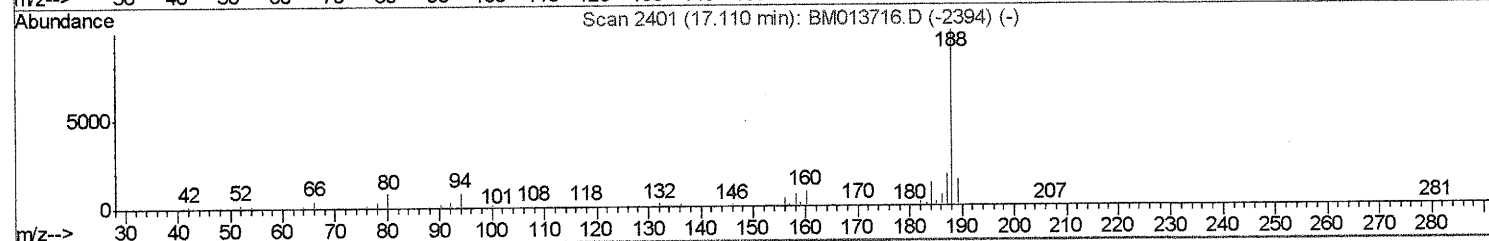
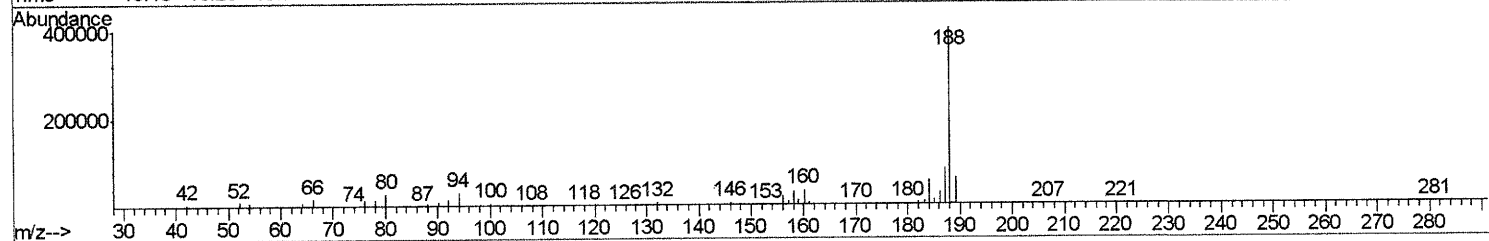
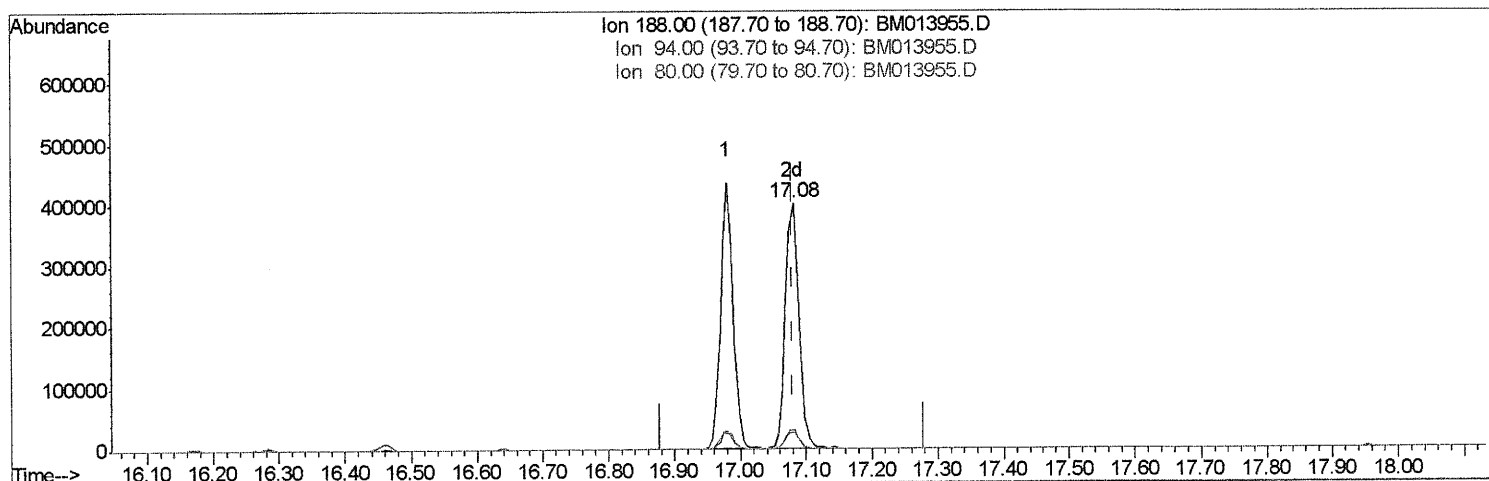
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
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Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02006

Manual Integrations
APPROVED

Sohil
1/30/2018 3:33:50 PM

Quant Time: Jan 30 01:03:15 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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TIC: BM013955.D

(70) Anthracene-d10 (S)

17.080min (+0.000) 20.38ng/ul m > SJ 2/8/18

response 572970

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.87#
80.00	5.90	7.14#
0.00	0.00	0.00

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 Misc :
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Instrument :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Jan 30 01:05:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99424	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	396222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	240405	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	577218	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	600518	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	565842	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	13900m>	5.53	ng/uL	-0.01	SJ 2/8/18
5) Phenol-d5	6.76	99	145806	19.10	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	85977	18.59	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.11	132	127508	20.50	ng/ul	0.00	
13) 4-Methylphenol-d8	8.29	113	119738	20.41	ng/ul	0.00	
19) Nitrobenzene-d5	8.73	128	63226	20.56	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.45	143	77904	23.98	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.98	165	138274	22.03	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.50	131	144472	26.53	ng/ul	0.00	
43) Dimethylphthalate-d6	13.65	166	433623	21.89	ng/ul	0.00	
46) Acenaphthylene-d8	13.92	160	518755	20.53	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.46	143	62543	19.42	ng/ul	0.00	
57) Fluorene-d10	15.23	176	359392	20.63	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.37	200	62969	18.12	ng/ul	0.00	
70) Anthracene-d10	17.08	188	572970m>	20.38	ng/ul	0.00	SJ 2/8/18
76) Pyrene-d10	19.39	212	621721	22.24	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.23	264	543075	20.88	ng/ul	0.00	

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.16	88	14883m>	5.401	ng/uL
4) Benzaldehyde	6.73	77	109214	20.676	ng/ul
6) Phenol	6.79	94	146286	19.108	ng/ul
8) Bis(2-Chloroethyl)ether	7.01	93	114295	19.079	ng/ul
10) 2-Chlorophenol	7.14	128	126455	20.401	ng/ul
11) 2-Methylphenol	8.02	108	114080	20.215	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.10	45	108525	17.804	ng/ul#
14) Acetophenone	8.40	105	197586	20.349	ng/ul
15) N-Nitroso-di-n-propylamine	8.38	70	103299	21.806	ng/ul#
16) 4-Methylphenol	8.35	108	121119	20.073	ng/ul
17) Hexachloroethane	8.63	117	62052	20.566	ng/ul#
20) Nitrobenzene	8.77	77	162889	20.509	ng/ul
21) Isophorone	9.29	82	269529	21.004	ng/ul
23) 2-Nitrophenol	9.48	139	73184	21.616	ng/ul#
24) 2,4-Dimethylphenol	9.54	107	153627	21.522	ng/ul
25) Bis(2-Chloroethoxy)methane	9.78	93	153744	19.652	ng/ul
27) 2,4-Dichlorophenol	10.00	162	128632	21.268	ng/ul#
28) Naphthalene	10.39	128	397166	20.148	ng/ul
30) 4-Chloroaniline	10.52	127	141759	26.255	ng/ul
31) Hexachlorobutadiene	10.67	225	105899	21.330	ng/ul
32) Caprolactam	11.31	113	39541m>	23.500	ng/ul
33) 4-Chloro-3-methylphenol	11.66	107	133340	21.747	ng/ul
34) 2-Methylnaphthalene	12.02	142	299060	20.349	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	188791	21.194	ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	50901	13.764	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	117465	22.781	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	123563	23.030	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	403482	20.163	ng/ul	94
41) 2-Chloronaphthalene	13.09	162	323273	20.666	ng/ul	99
42) 2-Nitroaniline	13.32	65	96448	22.351	ng/ul	96
44) Dimethylphthalate	13.69	163	412780	21.189	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	86617	22.944	ng/ul#	94
47) Acenaphthylene	13.95	152	469938	20.328	ng/ul	98
48) 3-Nitroaniline	14.16	138	73072	24.612	ng/ul	92
49) Acenaphthene	14.29	153	327204	20.437	ng/ul	96
50) 2,4-Dinitrophenol	14.38	184	27805	12.848	ng/ul#	67
52) 4-Nitrophenol	14.48	109	69966	21.390	ng/ul#	76
53) Dibenzofuran	14.63	168	482576	20.035	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	123581	22.456	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.86	232	114374	22.664	ng/ul	96
56) Diethylphthalate	15.06	149	426977	21.779	ng/ul	95
58) Fluorene	15.28	166	401010	20.325	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.28	204	222085	20.831	ng/ul	96
60) 4-Nitroaniline	15.33	138	73547	21.172	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	65225	17.785	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	346721	20.423	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	144234	21.156	ng/ul	94
66) Hexachlorobenzene	16.28	284	152928	20.839	ng/ul#	93
67) Atrazine	16.46	200	145310	21.446	ng/ul	95
68) Pentachlorophenol	16.64	266	82713	21.211	ng/ul	97
69) Phenanthrene	17.02	178	647494	20.180	ng/ul	99
71) Anthracene	17.12	178	661251	19.981	ng/ul	100
72) Carbazole	17.39	167	553862	20.275	ng/ul	99
73) Di-n-butylphthalate	17.96	149	719507	22.395	ng/ul	99
74) Fluoranthene	19.05	202	773798	20.204	ng/ul	98
77) Pvrene	19.42	202	778154	21.315	ng/ul	98
78) Butylbenzylphthalate	20.33	149	310402	24.137	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.11	252	239720	24.130	ng/ul	95
80) Benzo(a)anthracene	21.17	228	756167	20.839	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	439248	22.766	ng/ul	99
82) Chrysene	21.22	228	672635	20.206	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	700117	20.531	ng/ul#	95
85) Benzo(b)fluoranthene	22.72	252	735832	21.175	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	679848	20.241	ng/ul	98
88) Benzo(a)pyrene	23.27	252	668540	20.365	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.55	276	782828	20.202	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.56	278	668325	20.424	ng/ul	97
91) Benzo(g,h,i)perylene	26.22	276	651437	20.426	ng/ul	99

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