

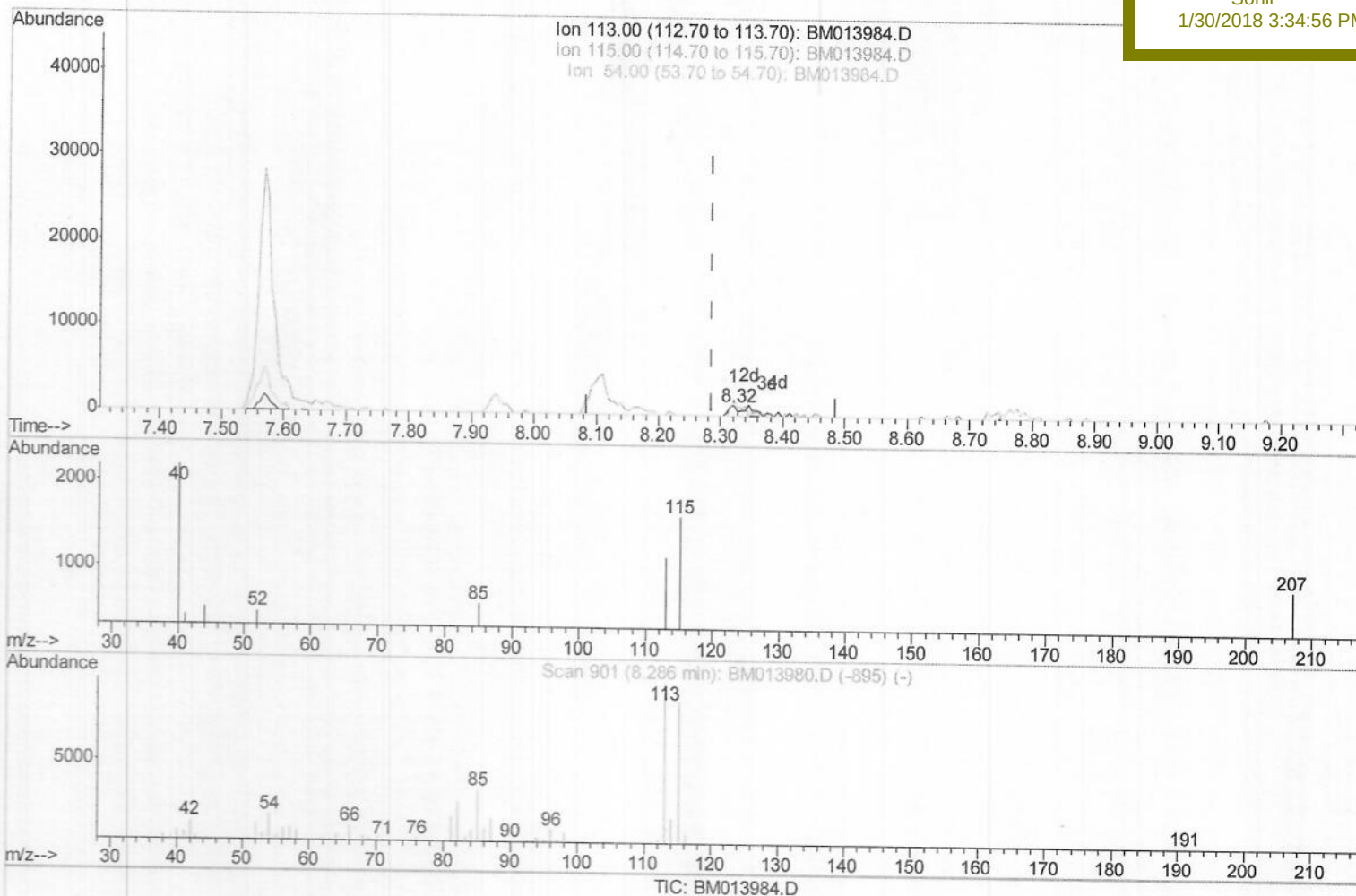
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 07:52:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:56 PM



(13) 4-Methylphenol-d8 (S)

8.322min (+0.035) 0.26ng/ul

response 1130

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	142.40#
54.00	18.90	0.00#
0.00	0.00	0.00

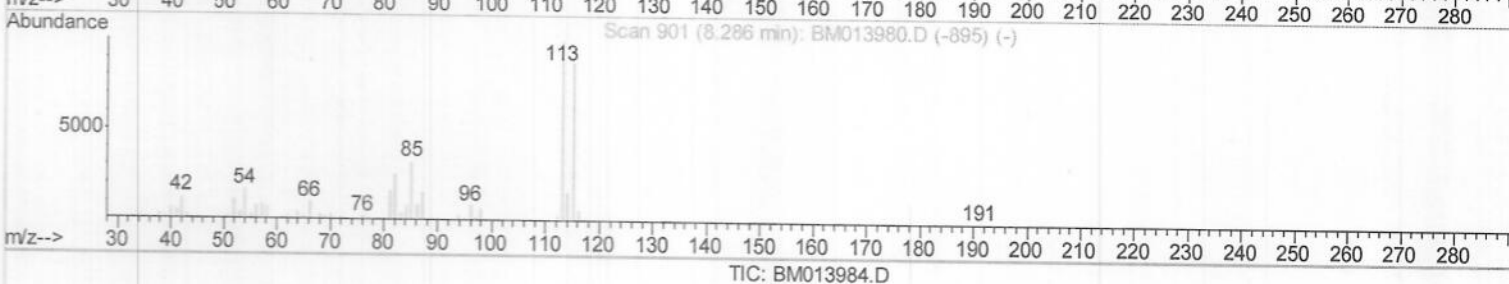
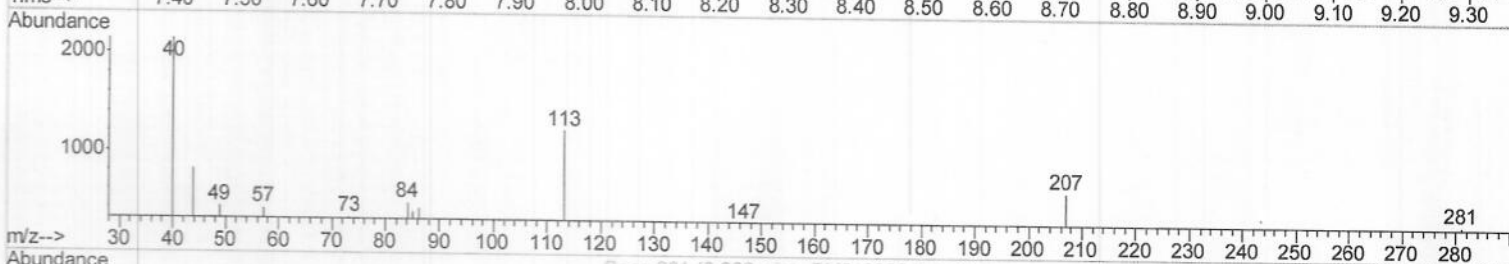
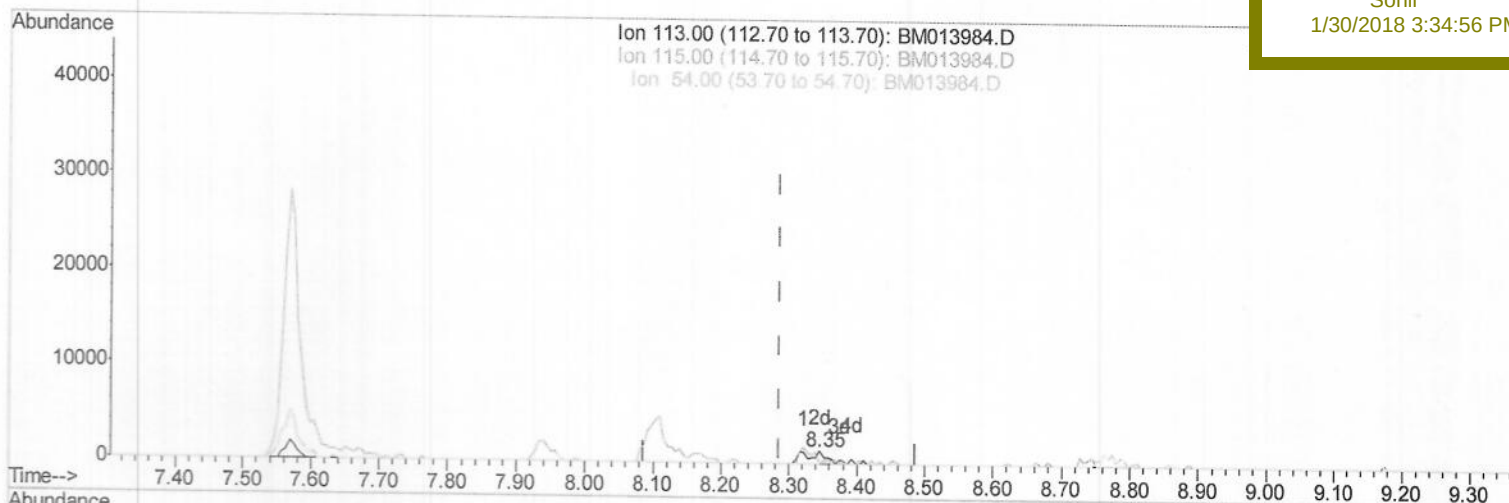
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 07:52:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:56 PM



TIC: BM013984.D

(13) 4-Methylphenol-d8 (S)

8.345min (+0.059) 0.60ng/ul m > JU 02/09/18

response 2610

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	0.00#
54.00	18.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

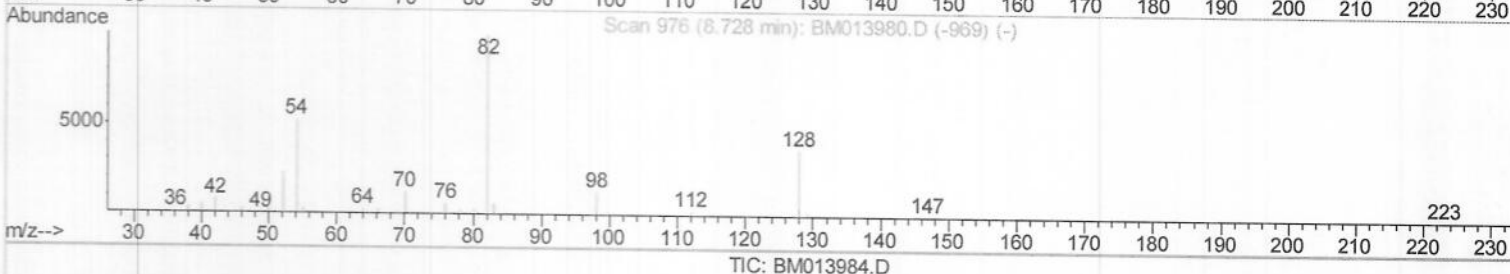
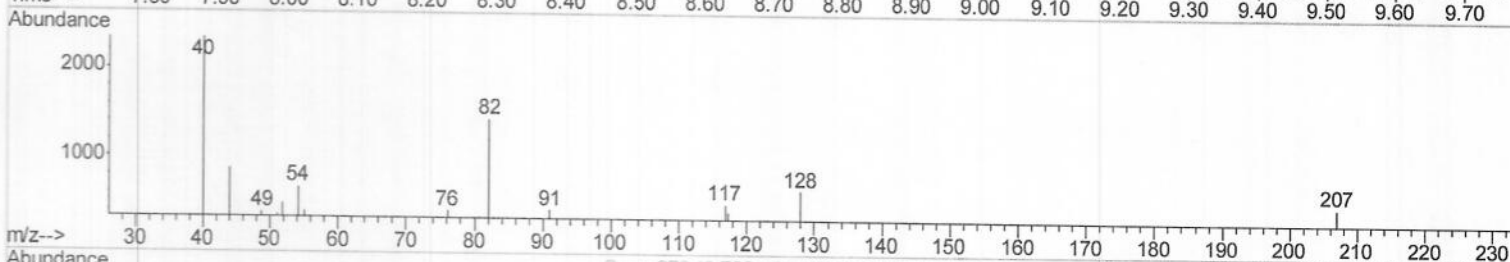
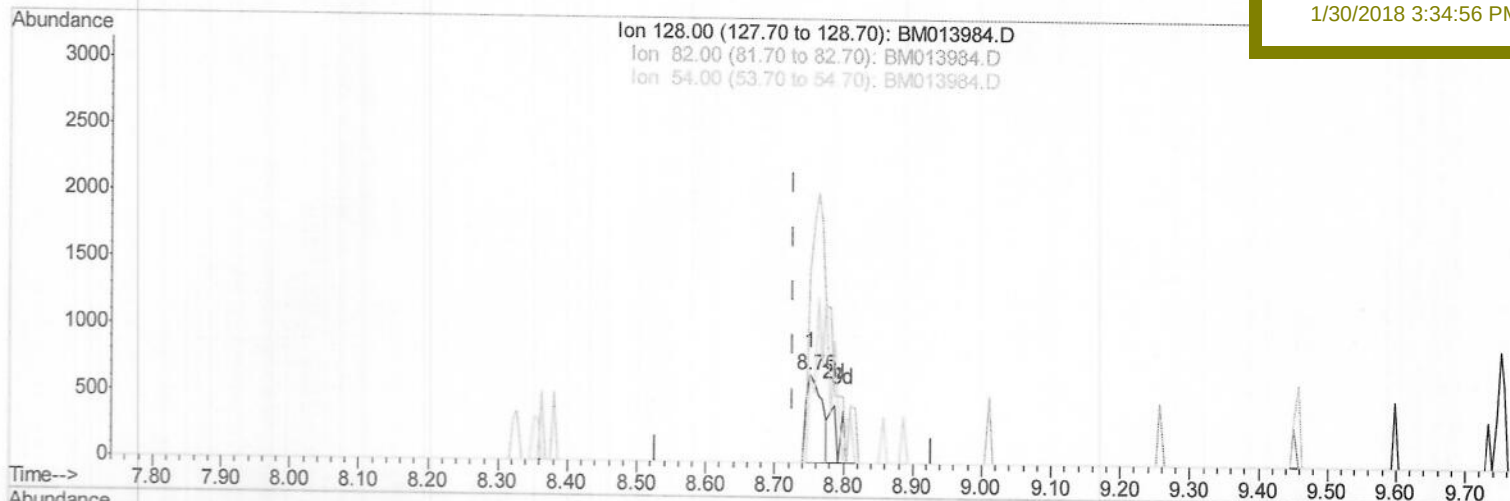
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:23:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



(19) Nitrobenzene-d5 (S)
 8.751min (+0.024) 0.43ng/ul
 response 1073

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	216.49#
54.00	142.70	100.30#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL2 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:23:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :

BNA_M

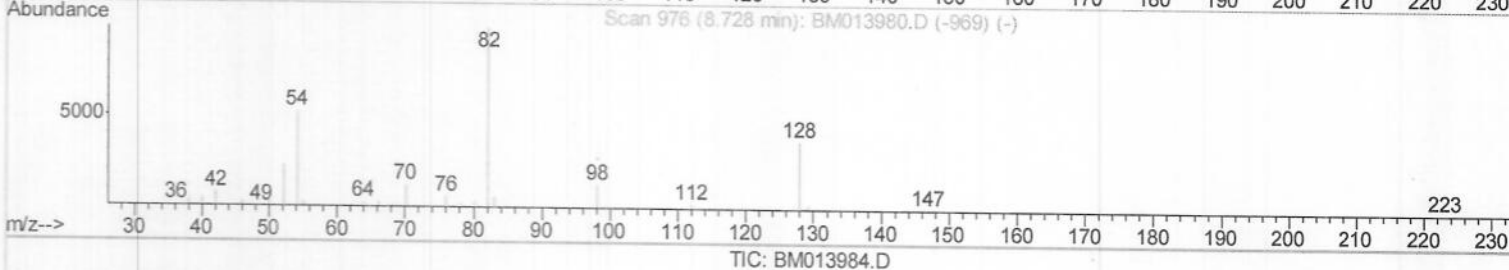
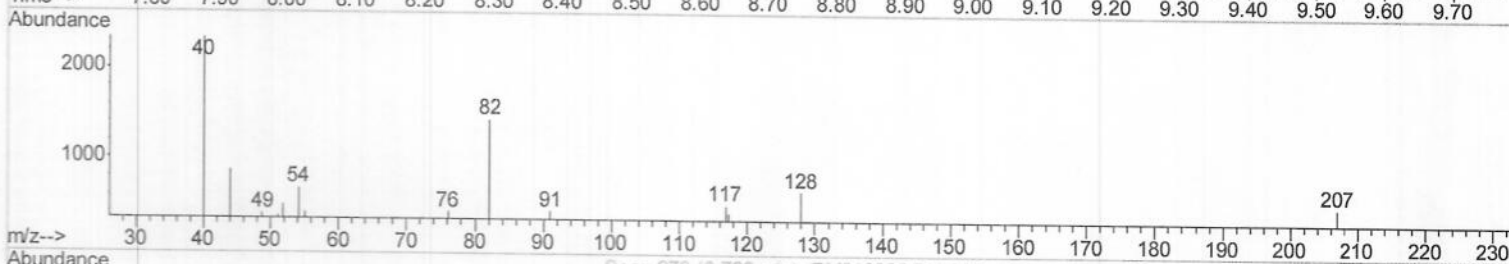
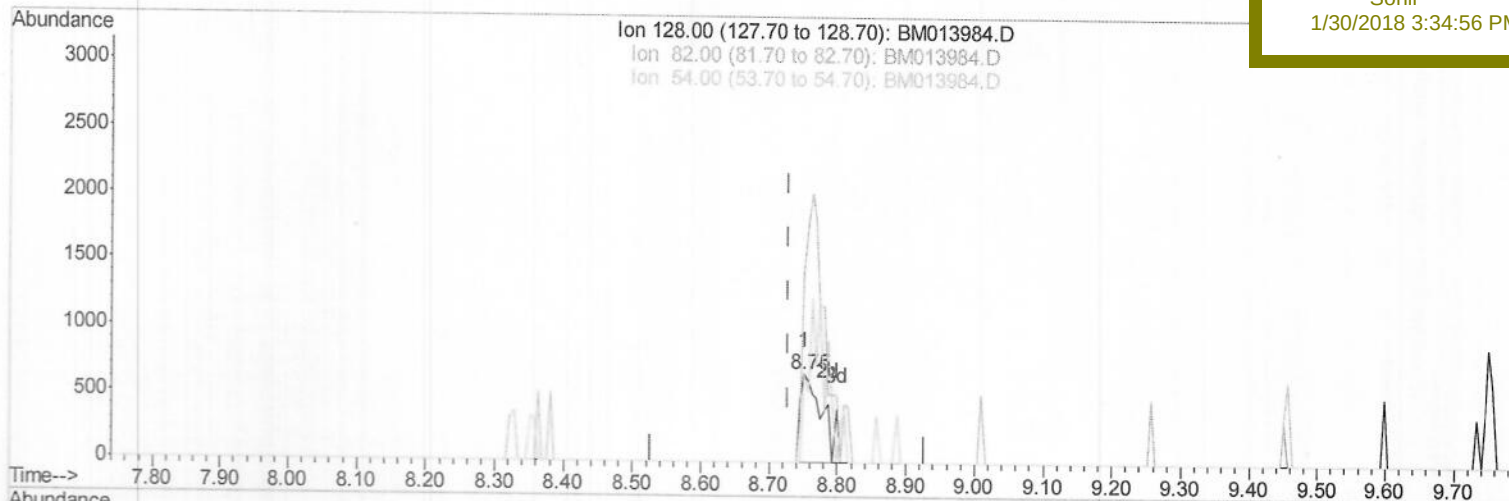
Client Sampled :

F6B34DL2

Manual Integrations
APPROVED

Sohil

1/30/2018 3:34:56 PM



TIC: BM013984.D

(19) Nitrobenzene-d5 (S)

8.751min (+0.024) 0.55ng/ul m > J402109118

response 1363

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	216.49#
54.00	142.70	100.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

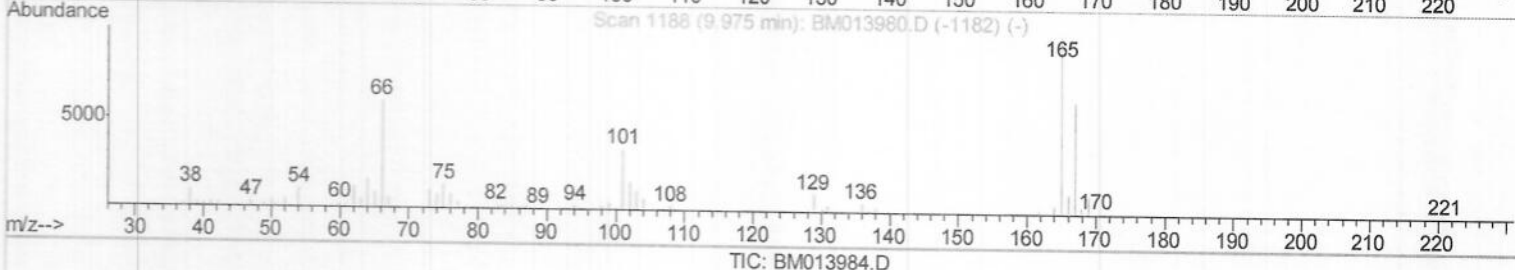
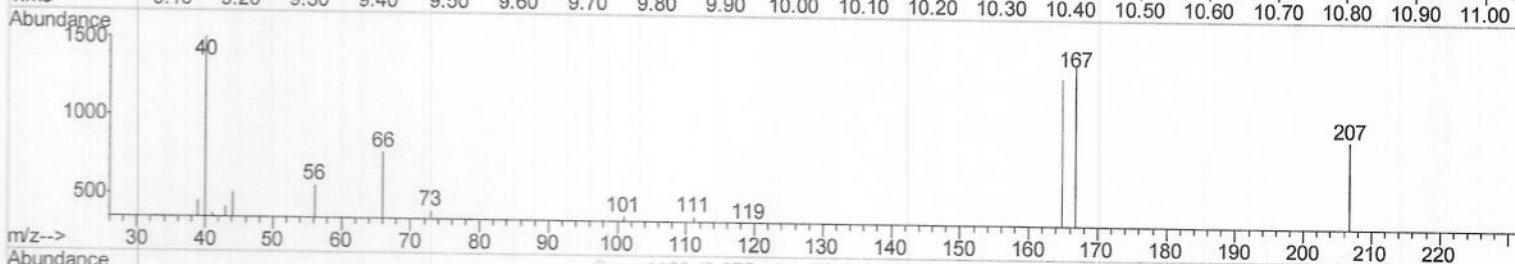
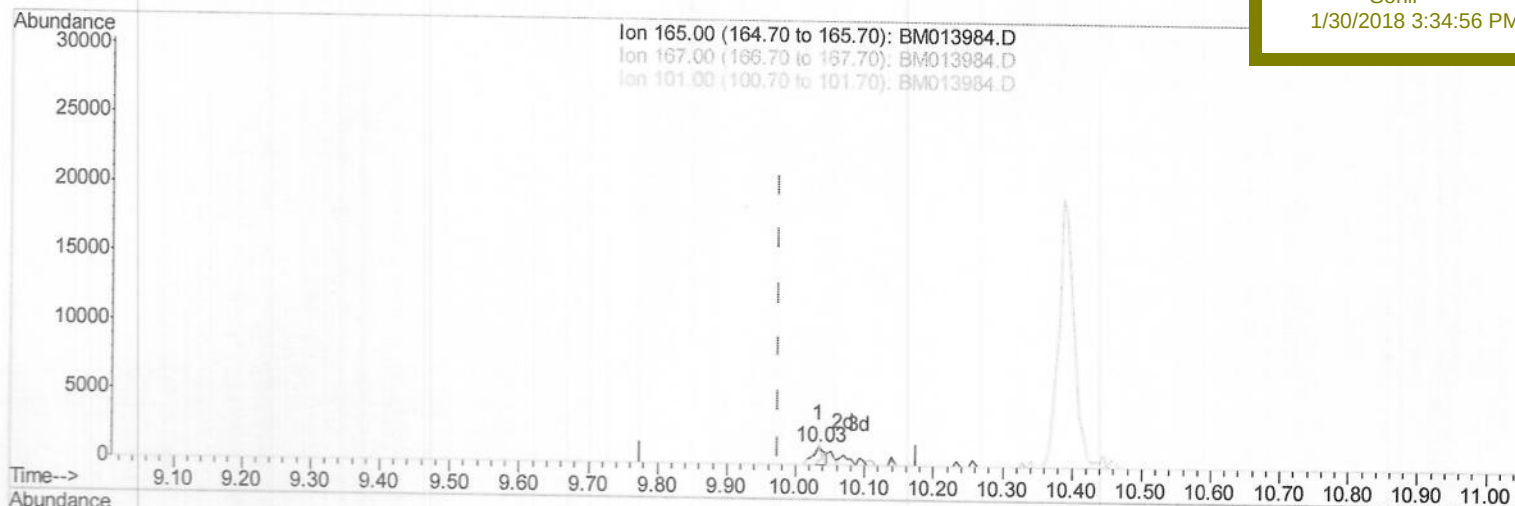
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:24:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



TIC: BM013984.D

(26) 2,4-Dichlorophenol-d3 (S)

10.034min (+0.059) 0.32ng/ul

response 1628

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	106.96#
101.00	29.30	28.92
0.00	0.00	0.00

Quantitation Report (Qedit)

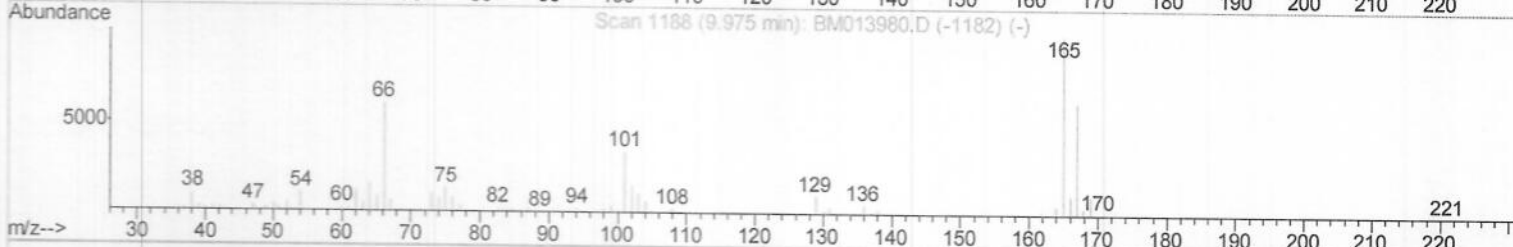
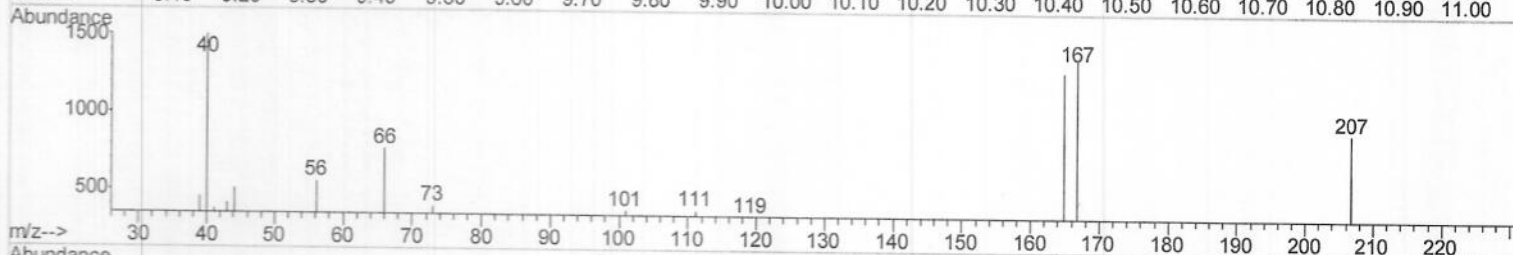
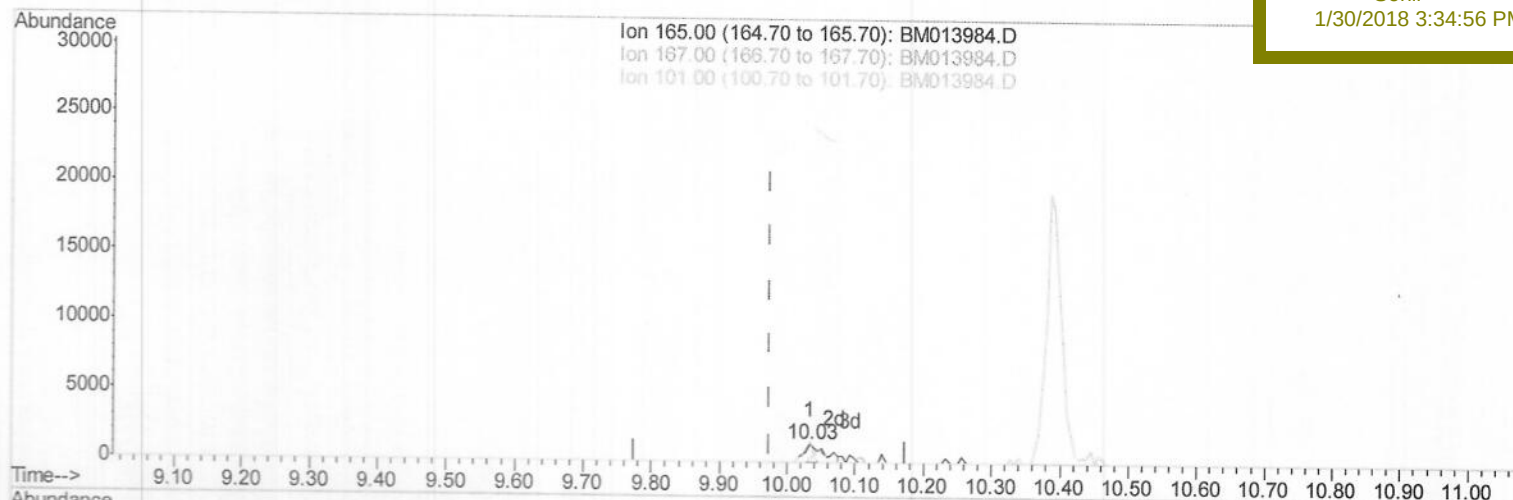
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:24:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



TIC: BM013984.D

(26) 2,4-Dichlorophenol-d3 (S)

10.034min (+0.059) 0.53ng/ul m > J402109118

response 2668

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	106.96#
101.00	29.30	28.92
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\

Data File : BM013984.D

Acq On : 30 Jan 2018 06:52

Operator : SJ/JU

Sample : J1243-11DL2 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:25:03 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 07:49:34 2018

Response via : Initial Calibration

Instrument :

BNA_M

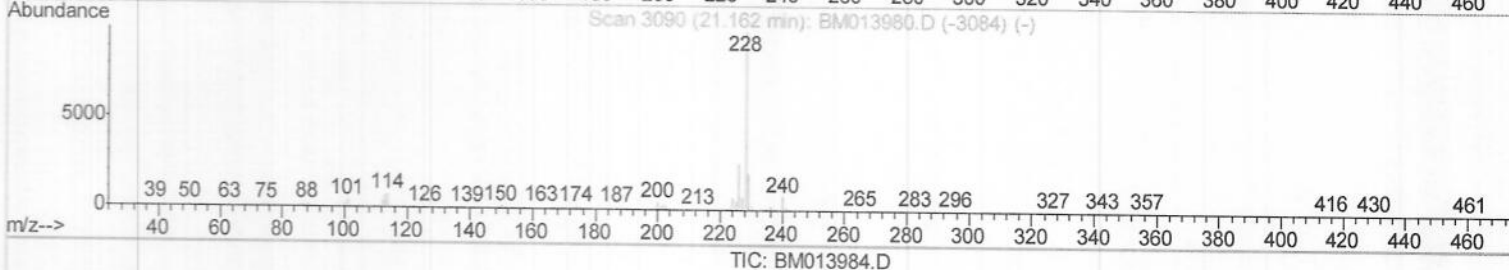
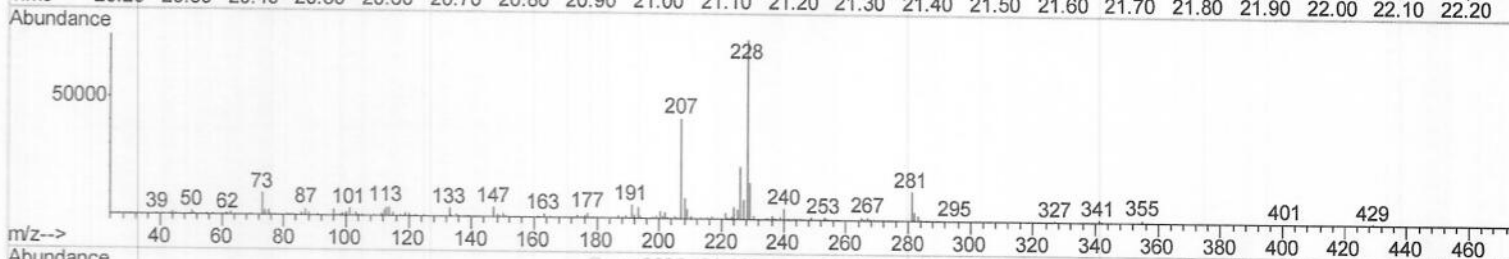
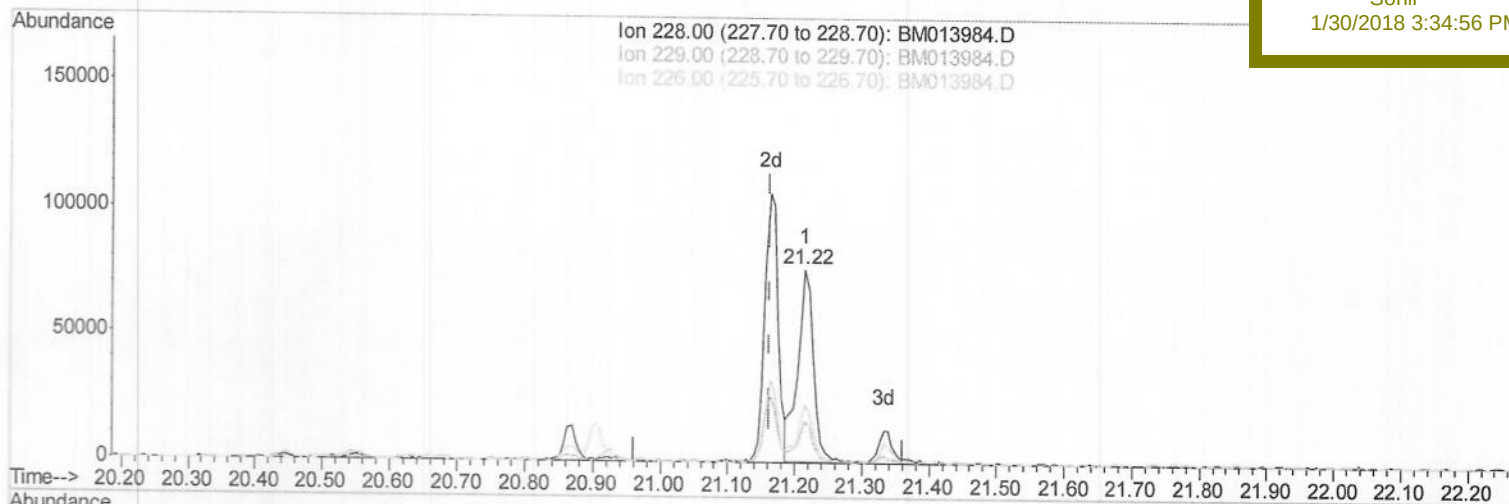
ClientSampleId :

F6B34DL2

Manual Integrations
APPROVED

Sohil

1/30/2018 3:34:56 PM



(80) Benzo(a)anthracene

21.215min (+0.053) 3.09ng/ul

response 121666

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	21.05
226.00	26.70	29.45
0.00	0.00	0.00

Quantitation Report (Qedit)

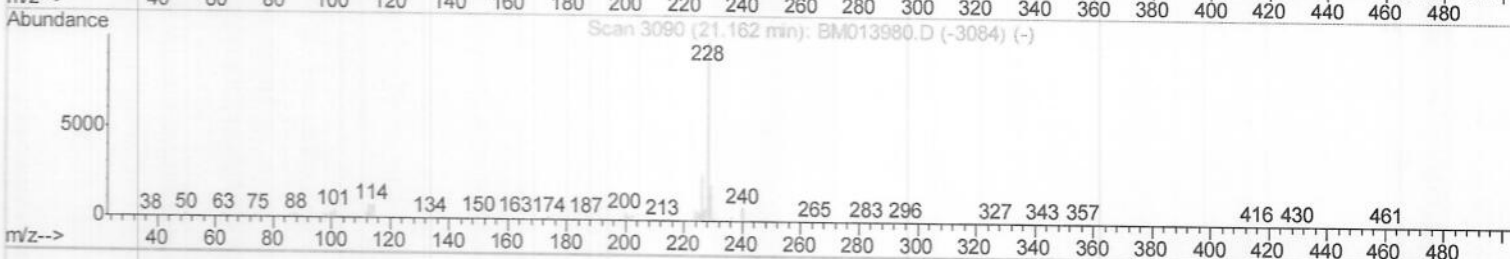
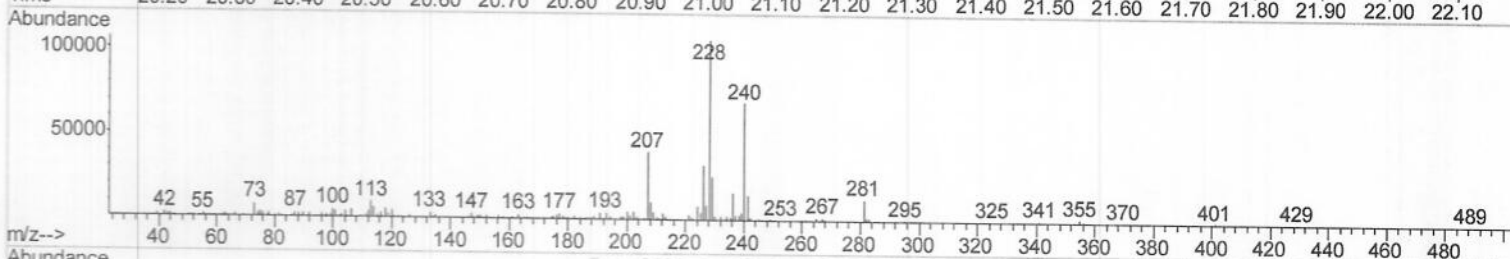
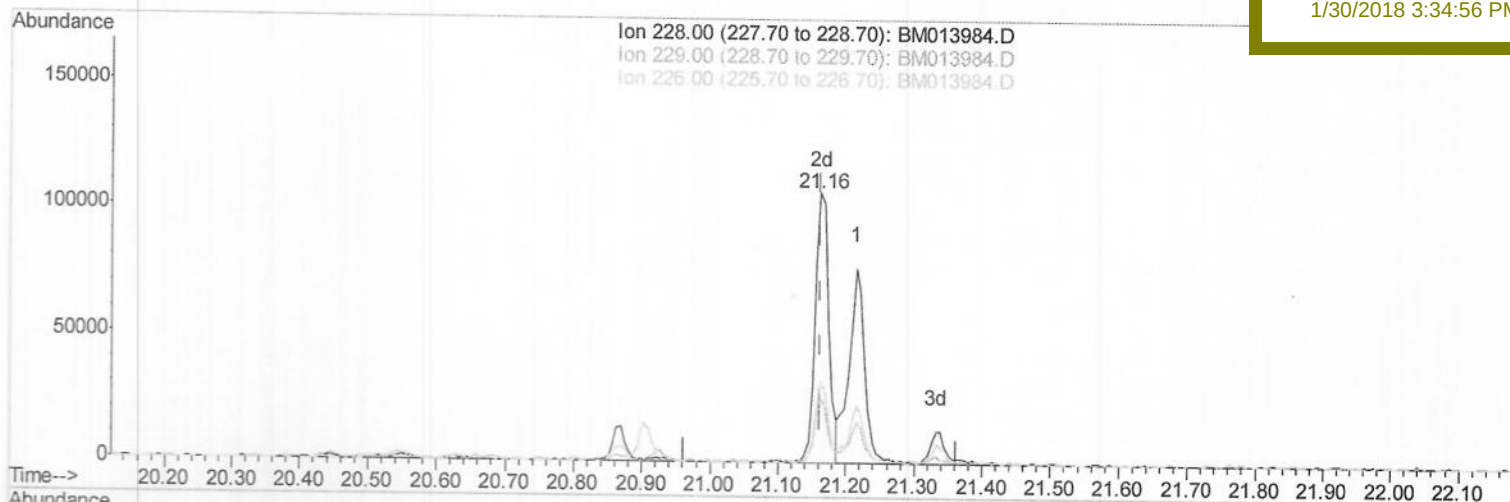
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:25:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



TIC: BM013984.D

(80) Benzo(a)anthracene

21.162min (+0.000) 3.81ng/ul m > Jy 02/09/18

response 150092

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	24.05#
226.00	26.70	30.02
0.00	0.00	0.00

Quantitation Report (Qedit)

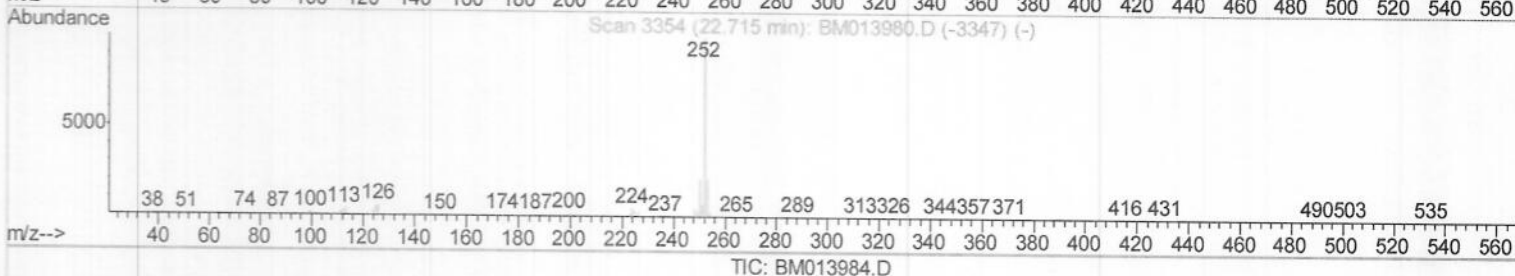
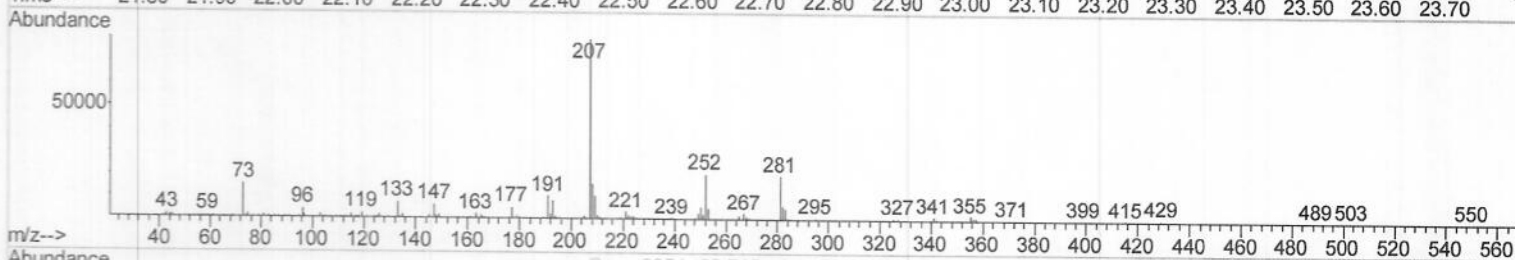
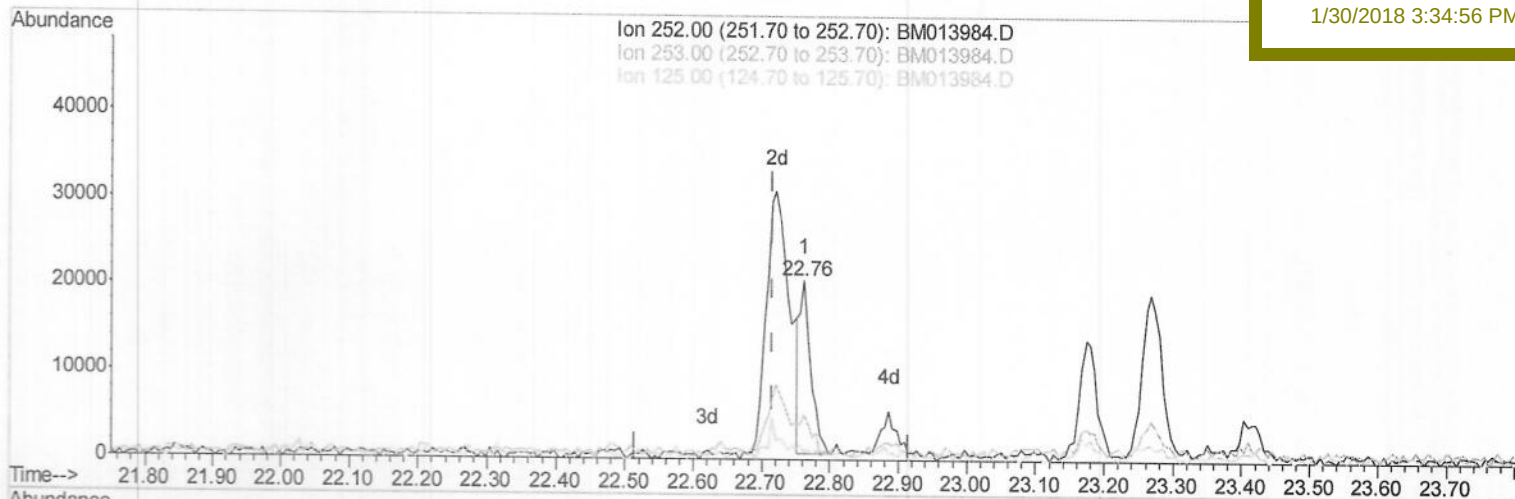
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:25:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



(85) Benzo(b)fluoranthene

22.762min (+0.047) 0.60ng/ul

response 22824

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	25.25
125.00	4.50	4.92
0.00	0.00	0.00

Quantitation Report (Qedit)

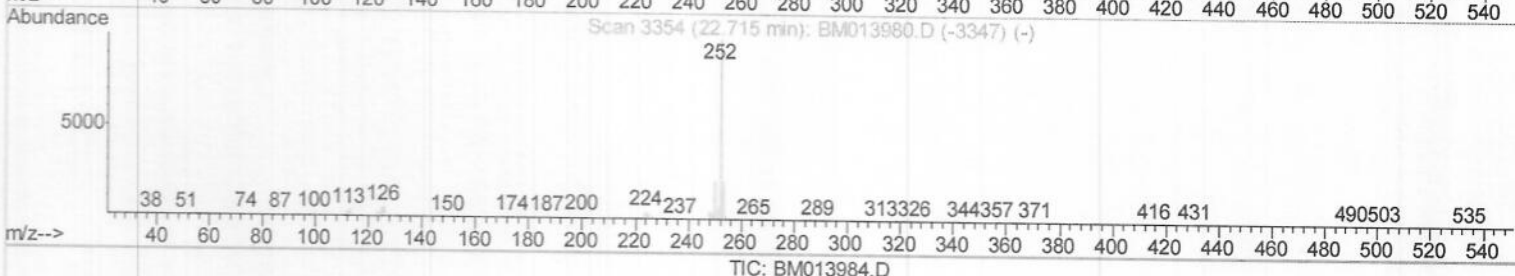
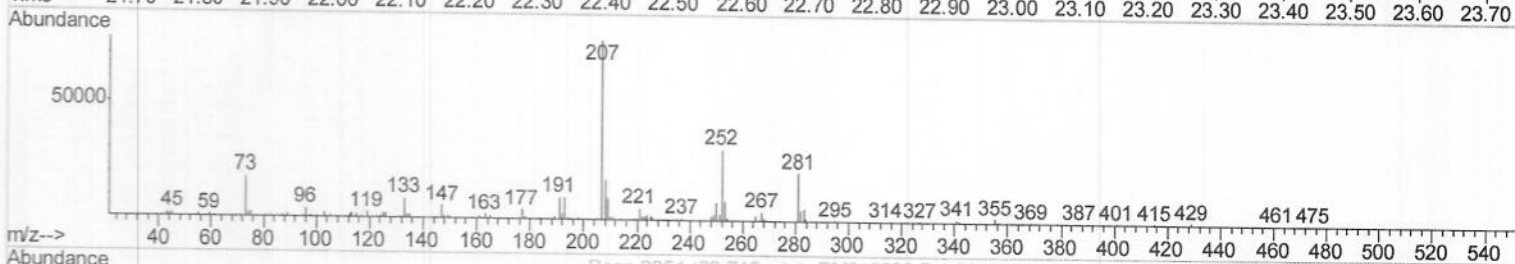
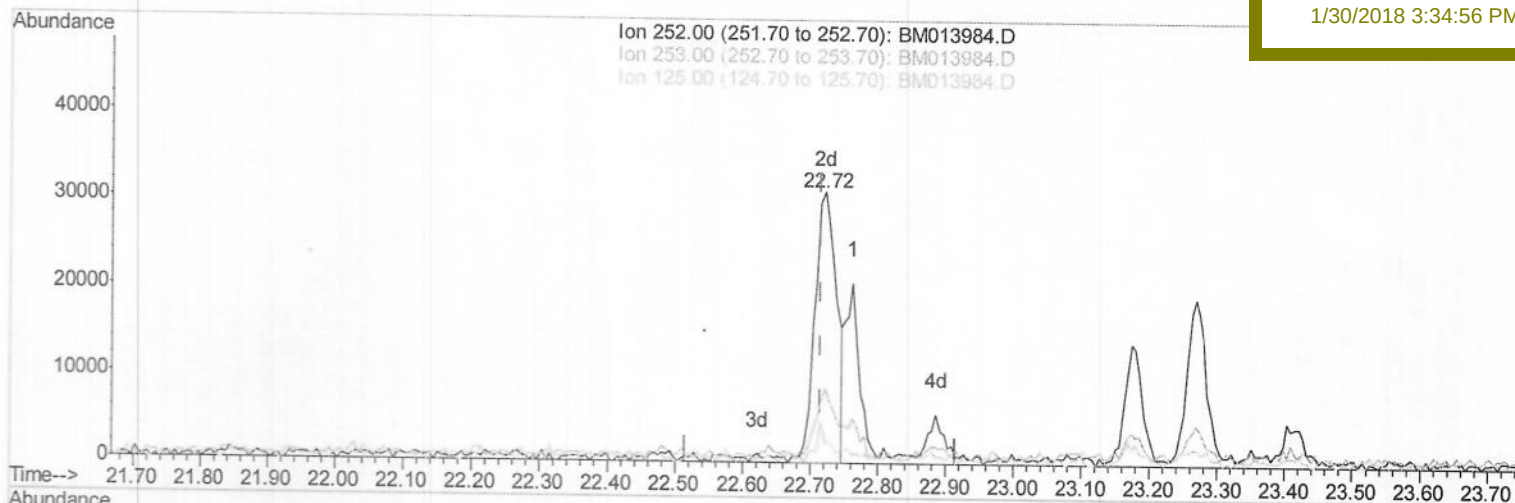
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:25:03 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B34DL2

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM



(85) Benzo(b)fluoranthene

22.721min (+0.006) 1.80ng/ul m > J402109118

response 68613

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	27.86#
125.00	4.50	7.32#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013984.D
 Acq On : 30 Jan 2018 06:52
 Operator : SJ/JU
 Sample : J1243-11DL2 30X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F6B34DL2

Quant Time: Jan 30 08:26:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:56 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	74125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	319377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	202349	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	503234	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	651224	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	622233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.79	99	664	0.12	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1867	0.54	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2150	0.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.35	113	2610m)	0.60	ng/ul	0.06
19) Nitrobenzene-d5	8.75	128	1363m)	0.55	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	460	0.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	2668m)	0.53	ng/ul	0.06
29) 4-Chloroaniline-d4	10.52	131	458	0.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	16046	0.96	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	19109	0.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	167	0.06	ng/ul	0.14
57) Fluorene-d10	15.22	176	16130	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	327	0.11	ng/ul	0.04
70) Anthracene-d10	17.08	188	27737	1.13	ng/ul	0.00
76) Pyrene-d10	19.38	212	32149	1.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	29364	1.03	ng/ul	0.00

} 5402/09/18

Target Compounds

						Ovalue
28) Naphthalene	10.39	128	953986	60.041	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	455808	38.477	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	109780	6.518	ng/ul	90
49) Acenaphthene	14.29	153	300612	22.307	ng/ul	96
53) Dibenzofuran	14.62	168	431042	21.261	ng/ul	95
58) Fluorene	15.28	166	247889	14.927	ng/ul	97
68) Pentachlorophenol	16.64	266	13182	3.877	ng/ul	91
69) Phenanthrene	17.02	178	1825220	65.250	ng/ul	98
71) Anthracene	17.11	178	208377	7.222	ng/ul	98
72) Carbazole	17.40	167	34624	1.454	ng/ul	93
74) Fluoranthene	19.04	202	1134086	33.964	ng/ul#	95
77) Pyrene	19.41	202	733250	18.521	ng/ul	99
80) Benzo(a)anthracene	21.16	228	150092m)	3.814	ng/ul	
82) Chrysene	21.22	228	121666	3.370	ng/ul	
85) Benzo(b)fluoranthene	22.72	252	68613m)	1.796	ng/ul	

98) } 5402/09/18

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\

Data File : BM013984.D

Acq On : 30 Jan 2018 06:52

Operator : SJ/JU

Sample : J1243-11DL2 30X

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jan 30 08:26:44 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 07:49:34 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

F6B34DL2

Manual Integrations

APPROVED

Sohil

1/30/2018 3:34:56 PM

