

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012918\
Data File : BM013958.D
Acq On : 29 Jan 2018 14:47
Operator : SJ/JU
Sample : J1243-10 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

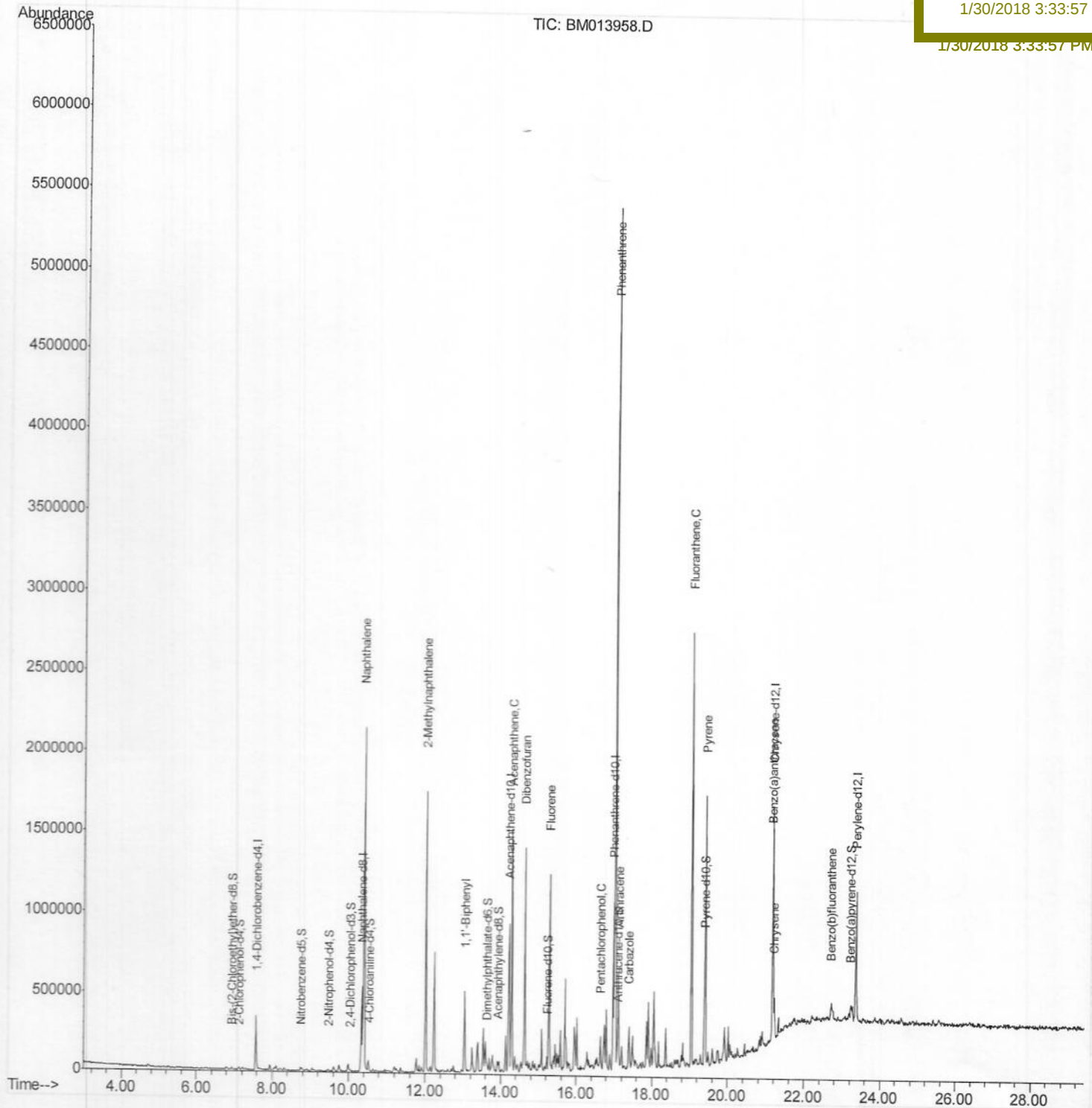
Quant Time: Feb 08 11:32:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 01:10:58 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B33

Manual Integrations
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Sohil
1/30/2018 3:33:57 PM

1/30/2018 3:33:57 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

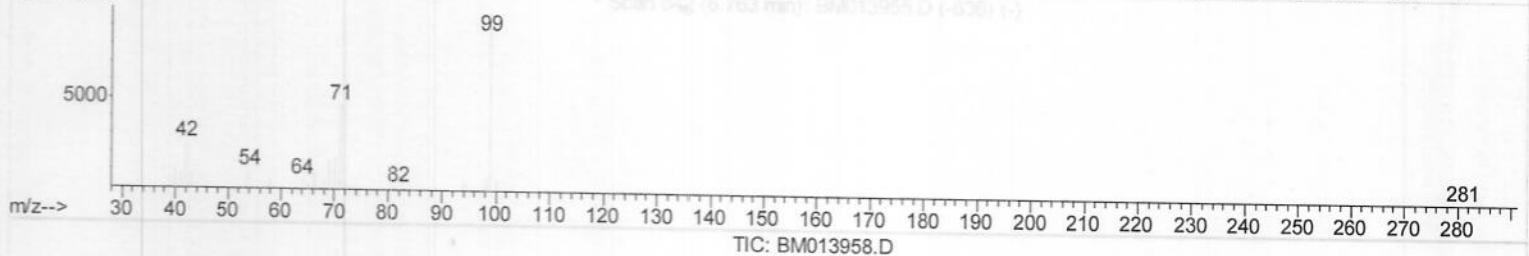
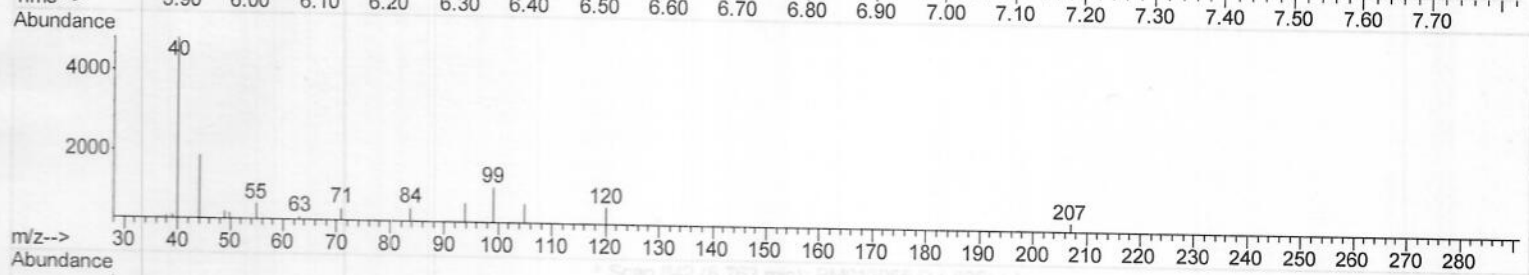
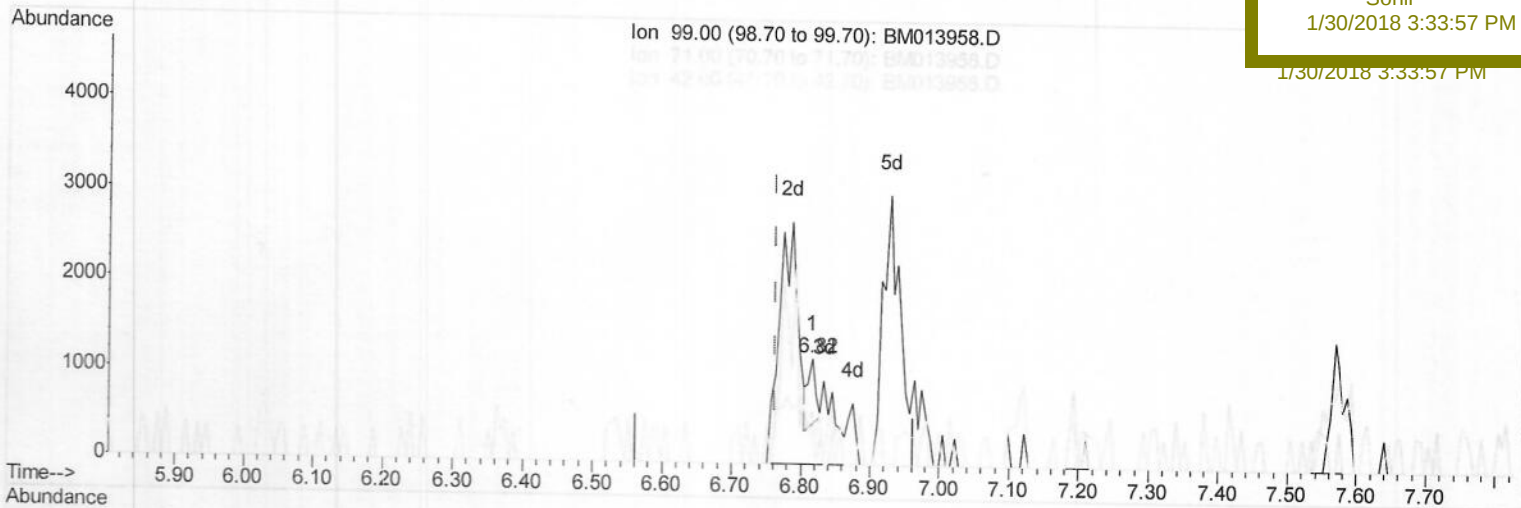
Quant Time: Jan 30 01:13:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
 APPROVED

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 1/30/2018 3:33:57 PM

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(5) Phenol-d5 (S)

6.816min (+0.052) 0.08ng/ul

response 580

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	51.30
42.00	24.20	25.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:13:22 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

F6B33

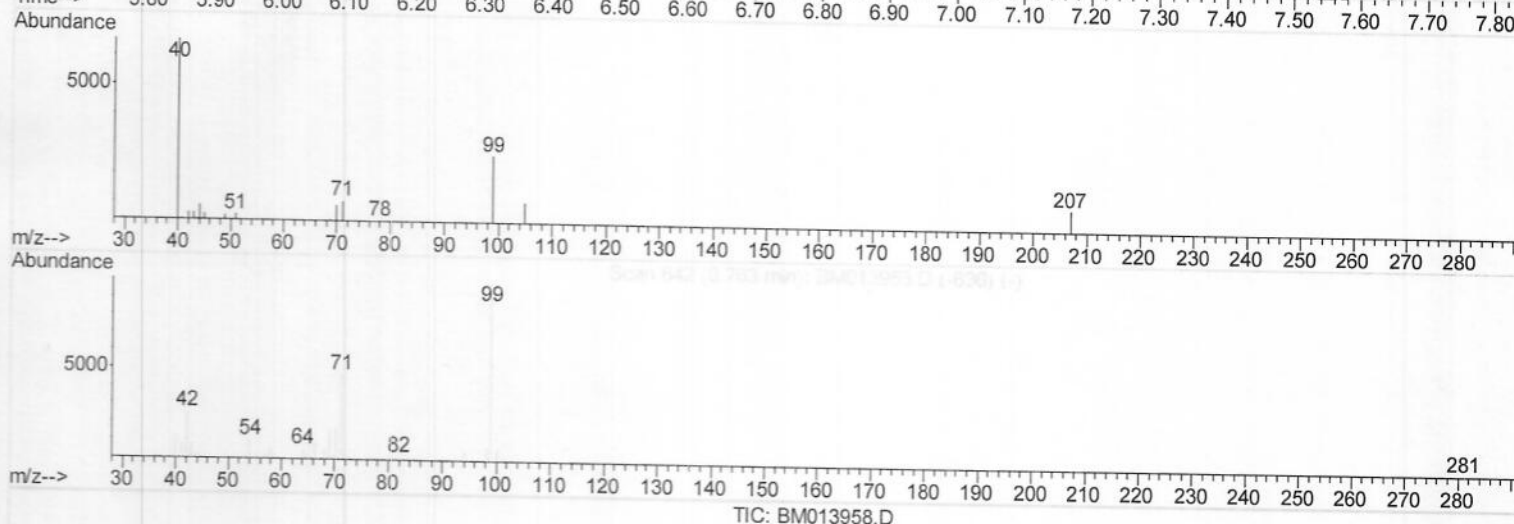
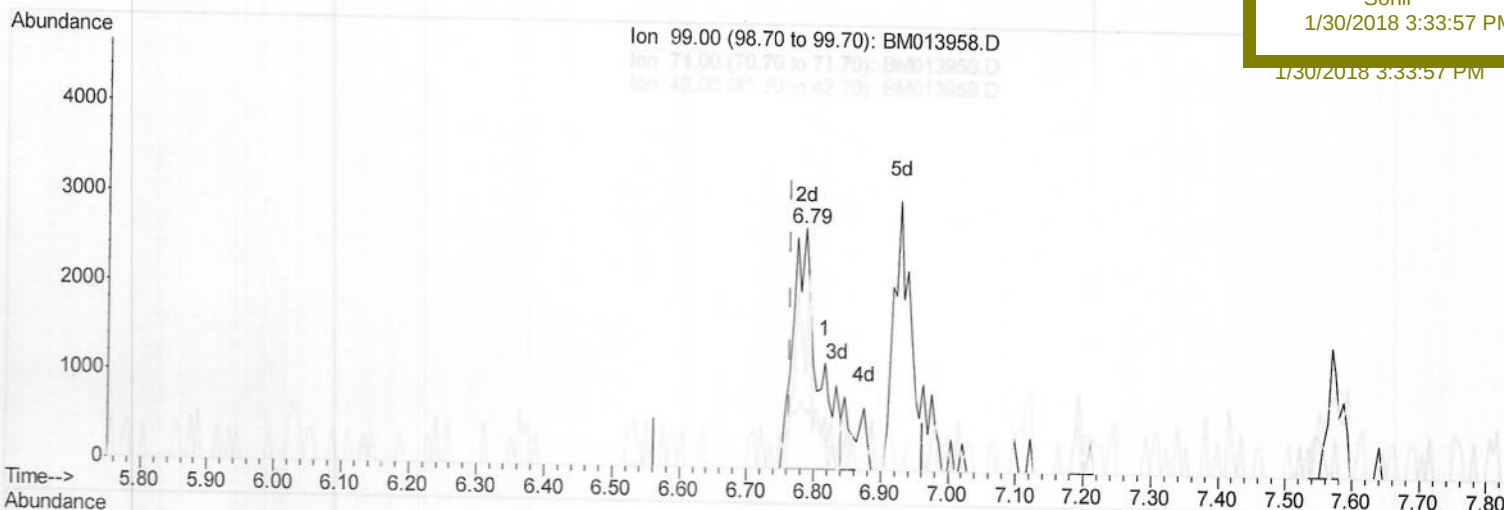
Manual Integrations

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Sohil

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(5) Phenol-d5 (S)

6.787min (+0.023) 0.98ng/ul m

response 6952

Ion Exp% Act%

99.00 100 100

71.00 55.00 39.65#

42.00 24.20 22.85

0.00 0.00 0.00

SJ
01/30/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

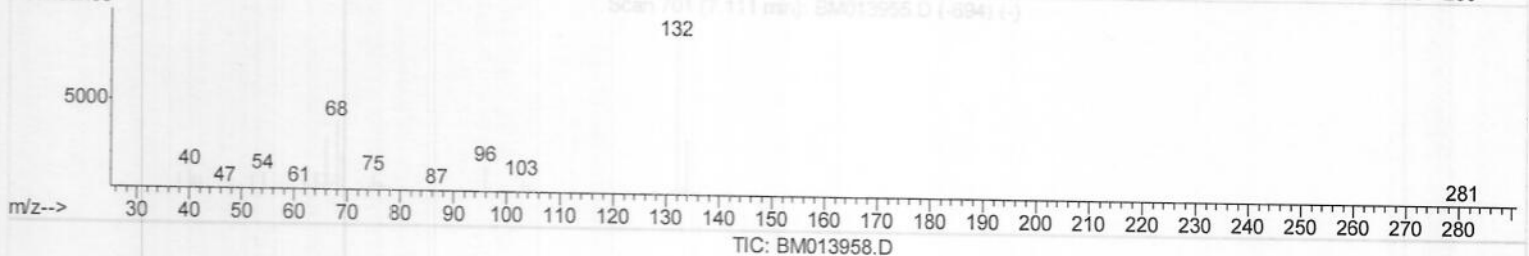
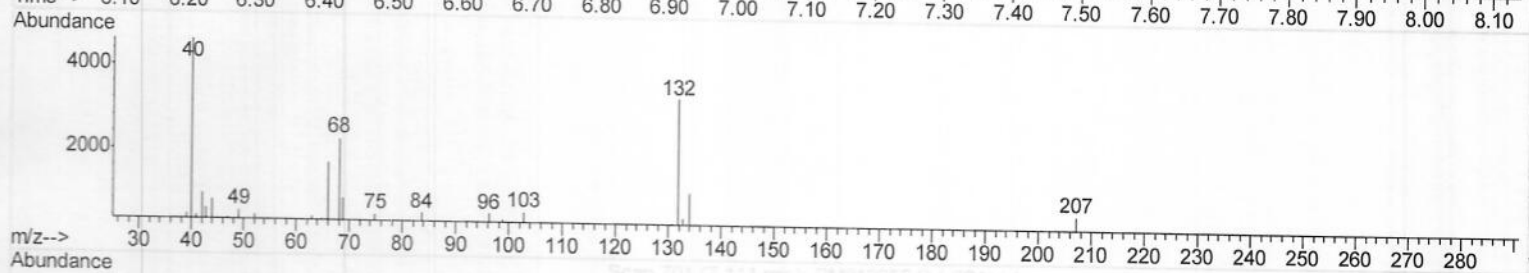
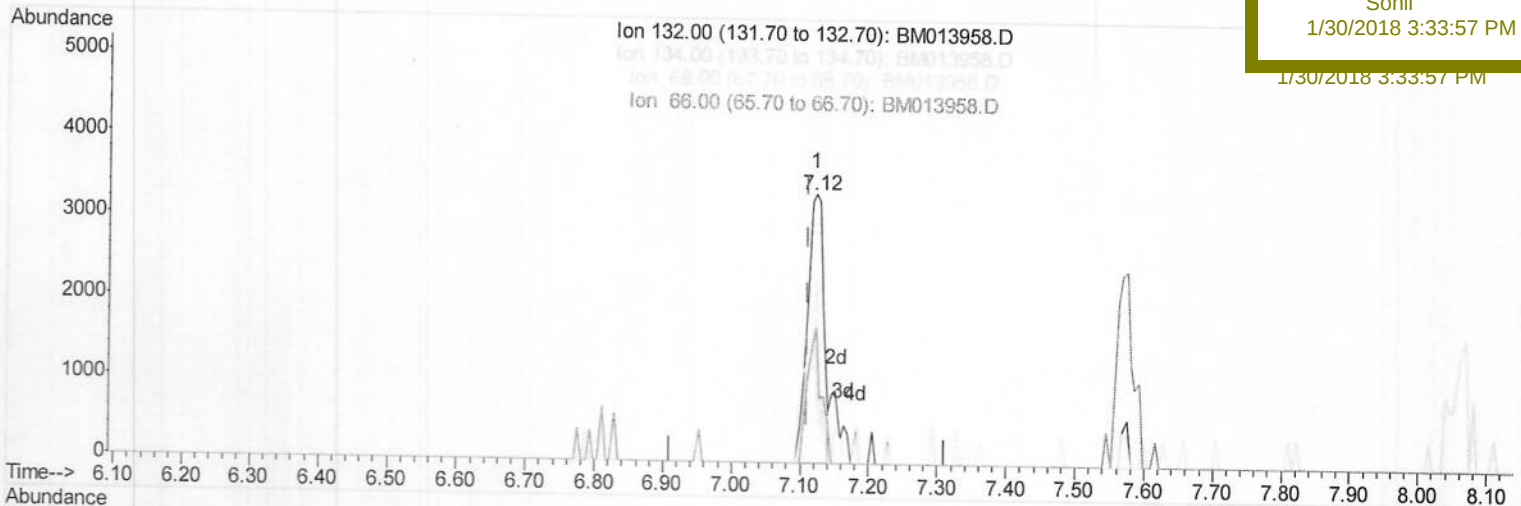
Quant Time: Jan 30 01:13:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
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(9) 2-Chlorophenol-d4 (S)

7.122min (+0.011) 0.95ng/ul

response 5494

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	28.35
68.00	51.20	60.38
66.00	41.70	44.84

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

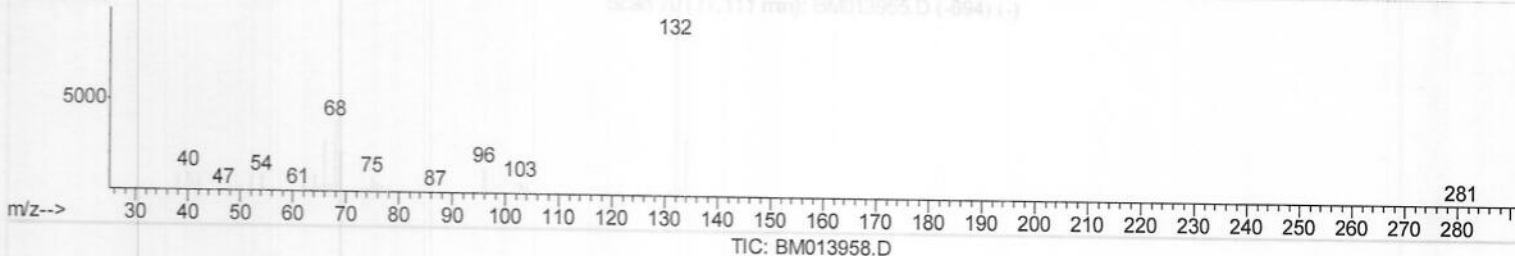
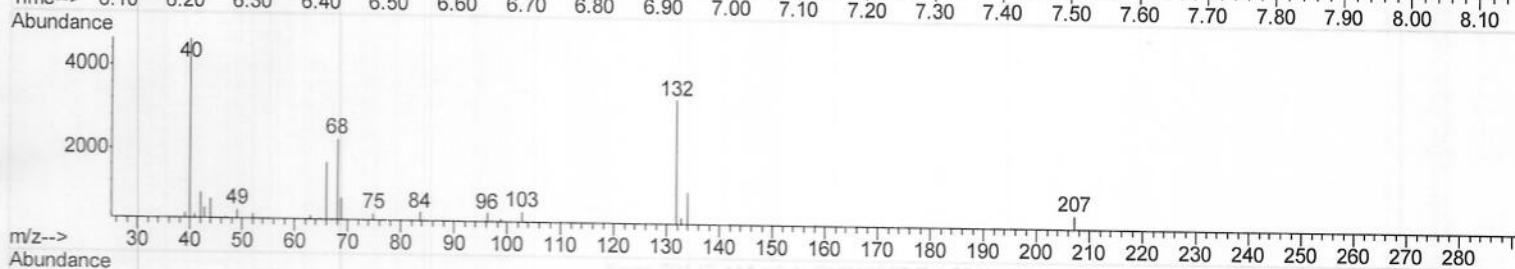
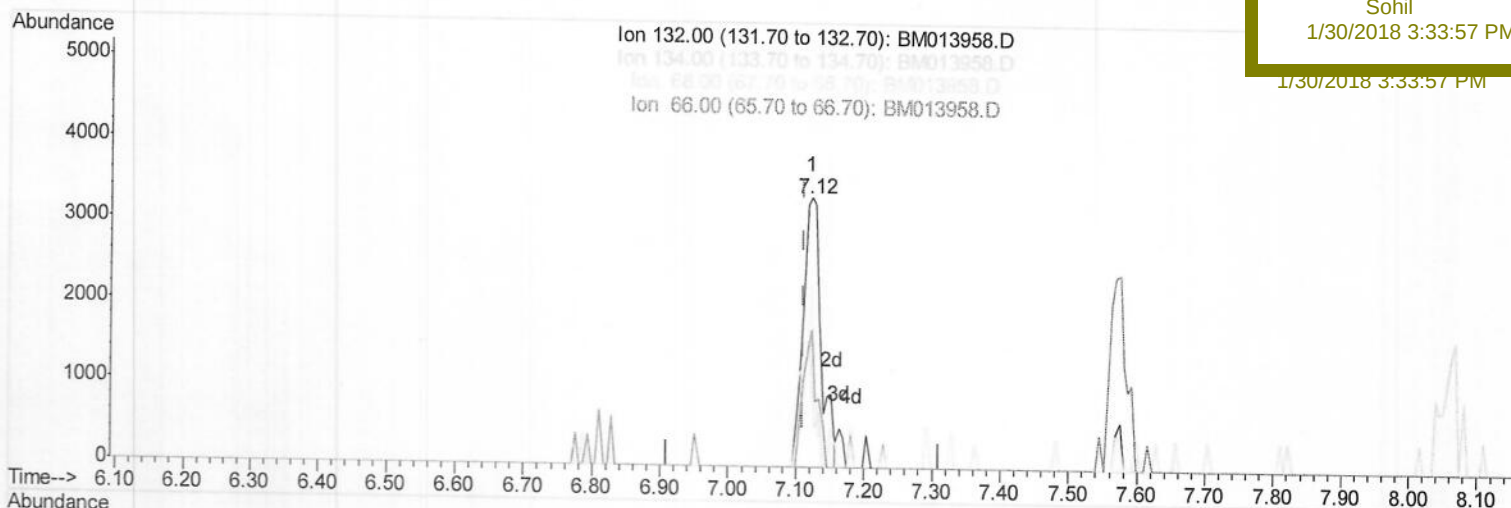
Quant Time: Jan 30 01:13:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
 APPROVED

Sohil
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(9) 2-Chlorophenol-d4 (S)

7.122min (+0.011) 1.07ng/ul m

response 6222

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	32.14
68.00	51.20	68.46#
66.00	41.70	50.84#

JU
 01/30/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

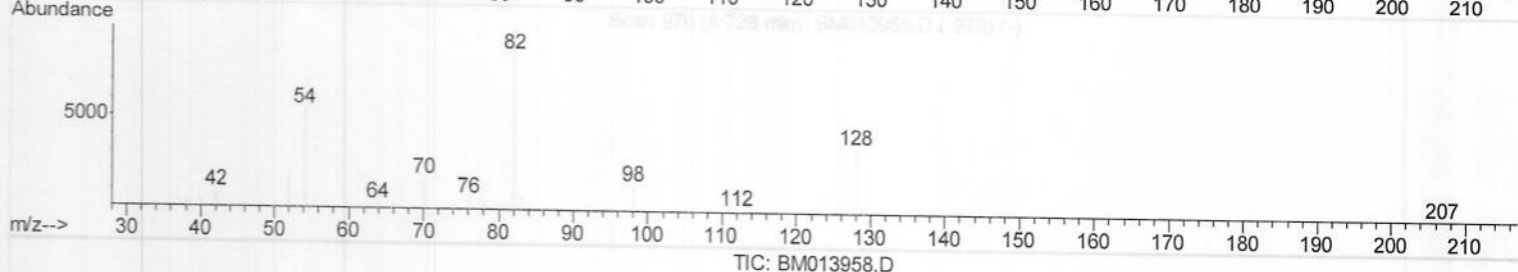
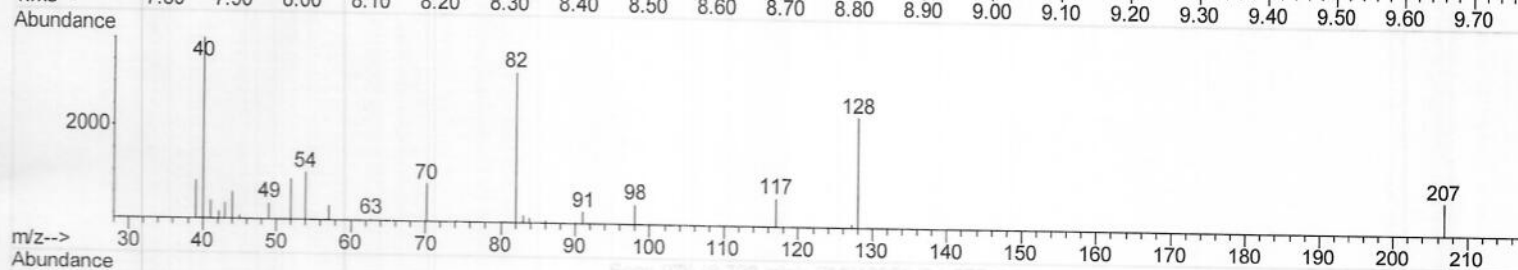
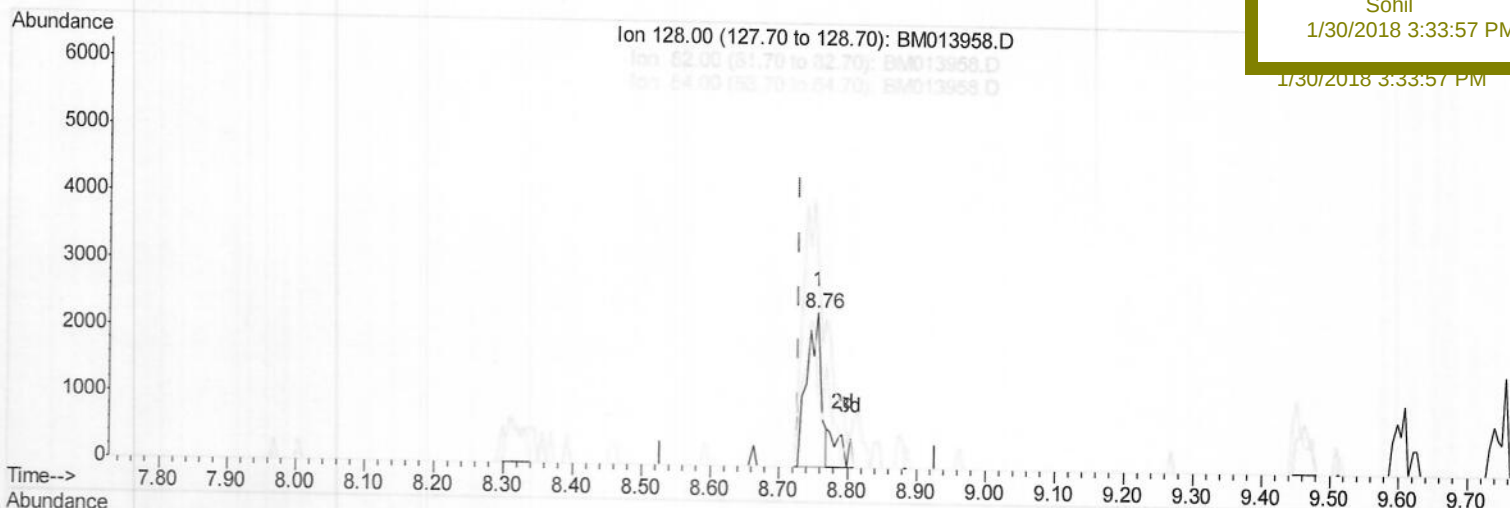
Quant Time: Jan 30 01:25:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
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(19) Nitrobenzene-d5 (S)
 8.757min (+0.029) 1.13ng/ul
 response 3411

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	131.89#
54.00	142.70	51.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

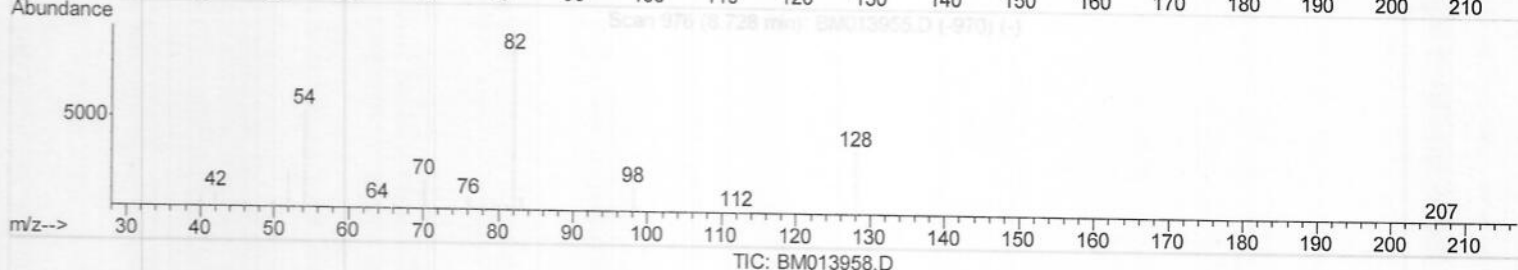
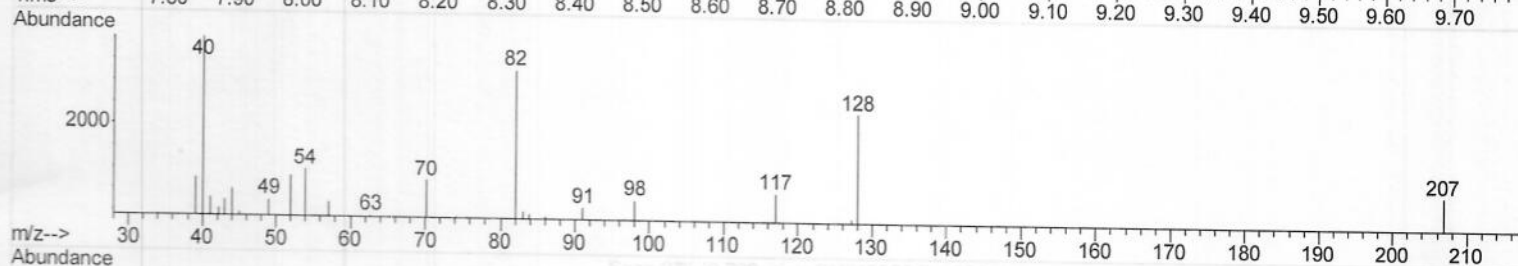
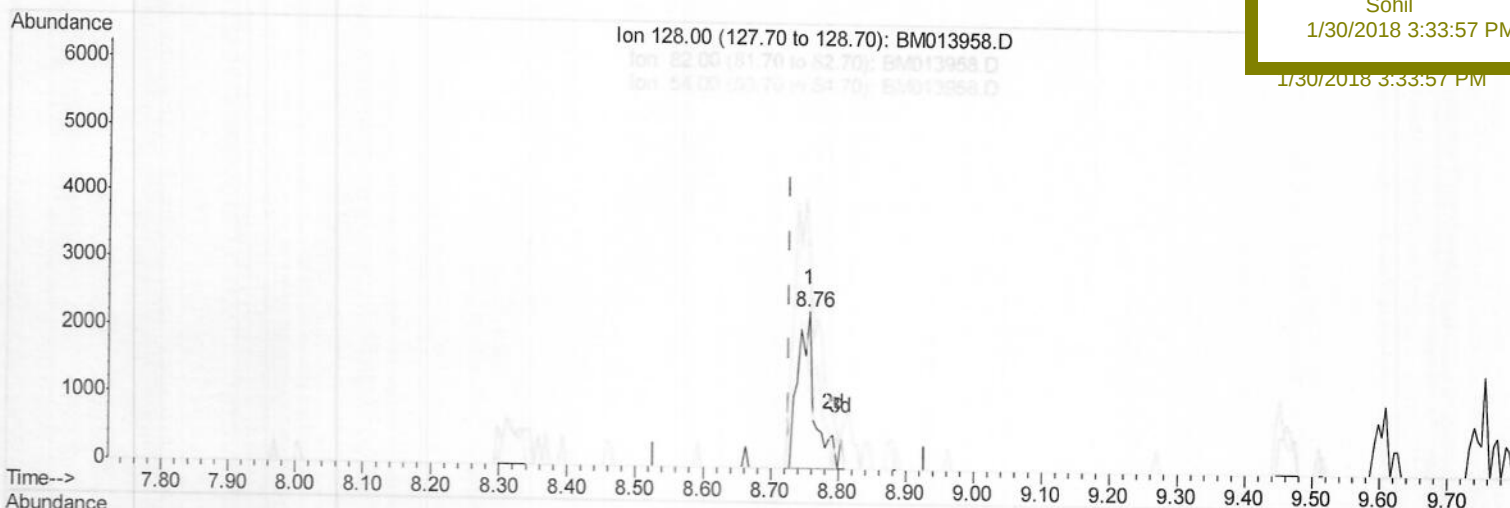
Quant Time: Jan 30 01:25:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 F6B33

Manual Integrations
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Sohil
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1/30/2018 3:33:57 PM



(19) Nitrobenzene-d5 (S)
 8.757min (+0.029) 1.34ng/ul m
 response 4037

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	131.89#
54.00	142.70	51.27#
0.00	0.00	0.00

52
 01/30/18

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:26:08 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

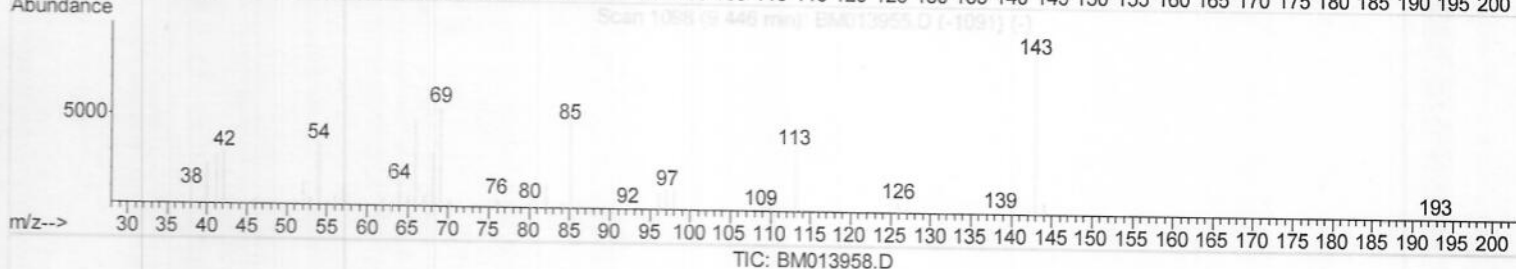
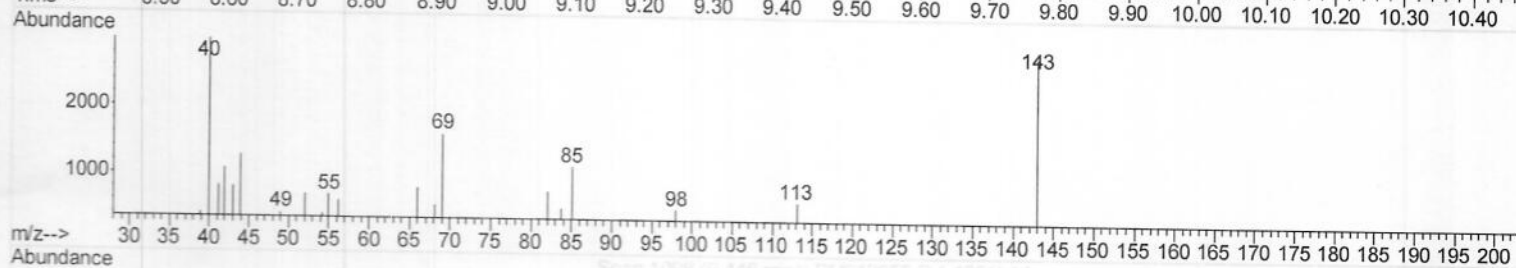
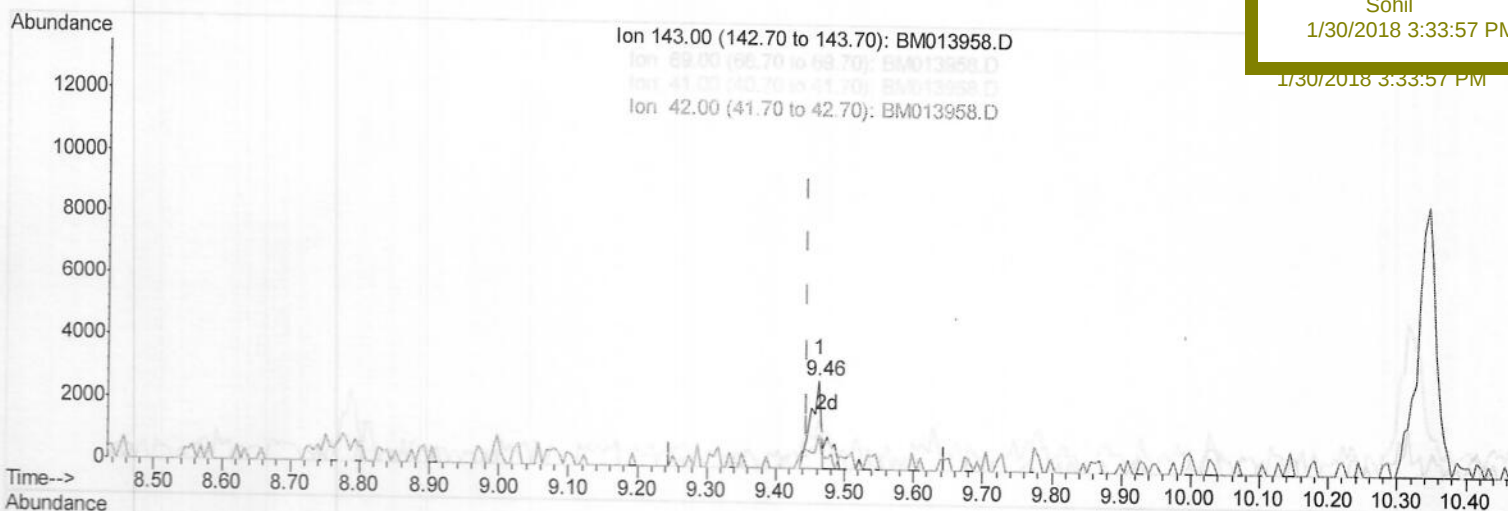
F6B33

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.463min (+0.017) 0.95ng/ul

response 3021

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	56.68
41.00	23.80	28.64#
42.00	24.30	37.72#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

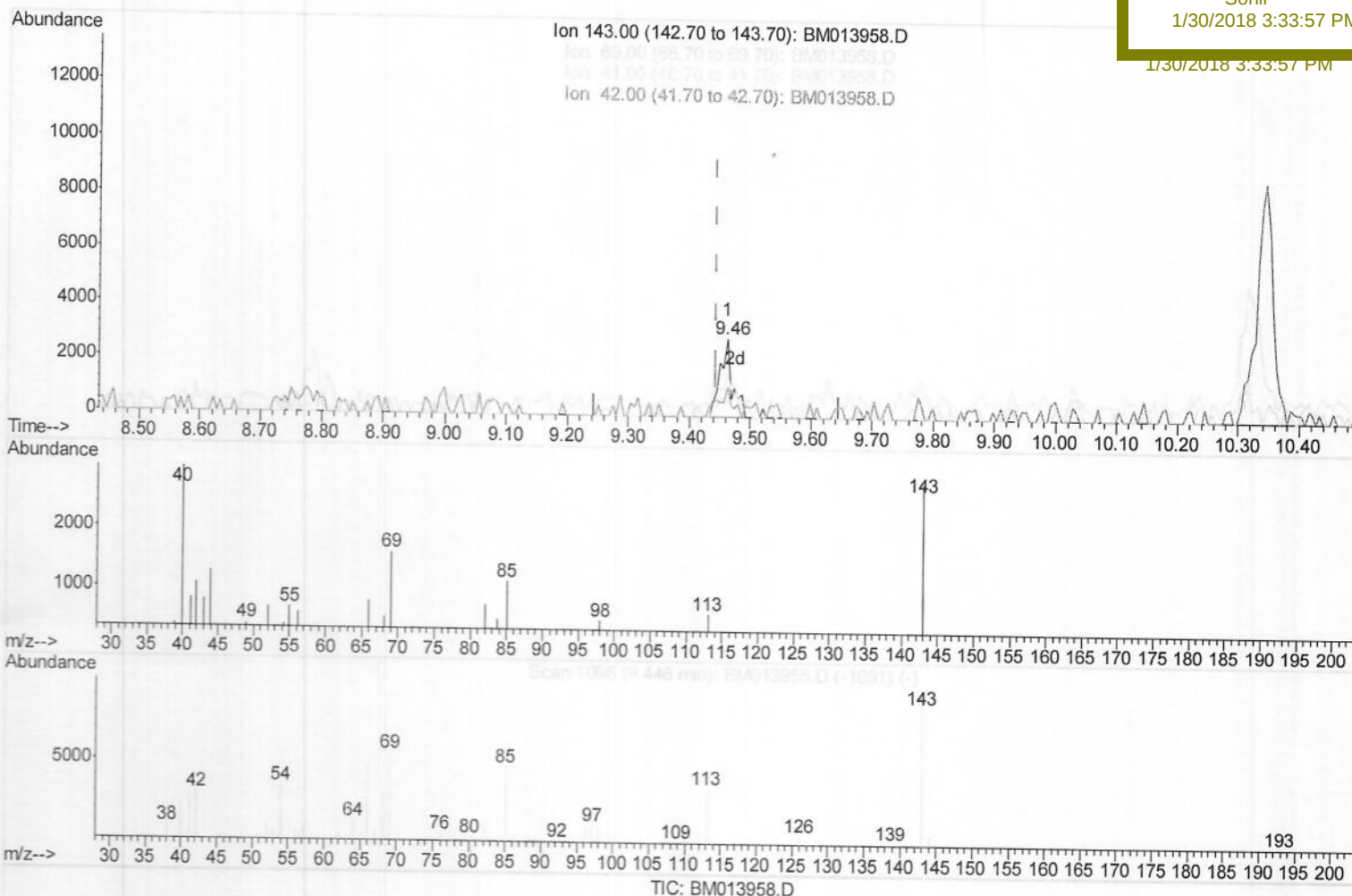
Quant Time: Jan 30 01:26:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.463min (+0.017) 1.23ng/ul m

response 3911

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	56.68
41.00	23.80	28.64#
42.00	24.30	37.72#

SJ
 01/30/18

Quantitation Report (Qedit)

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:27:17 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B33

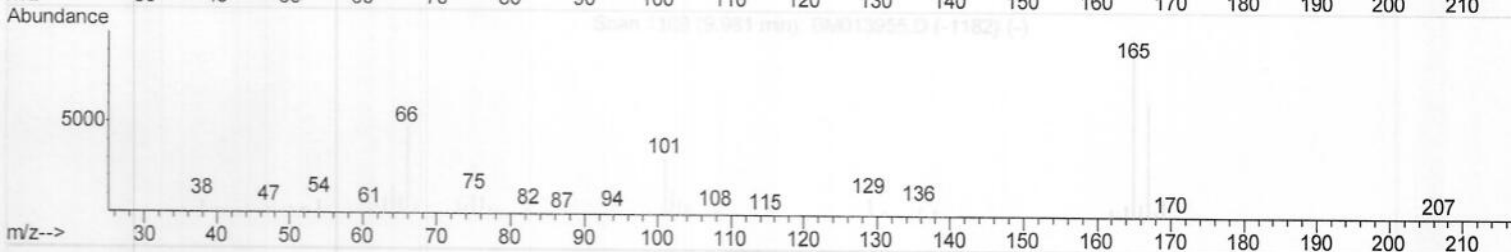
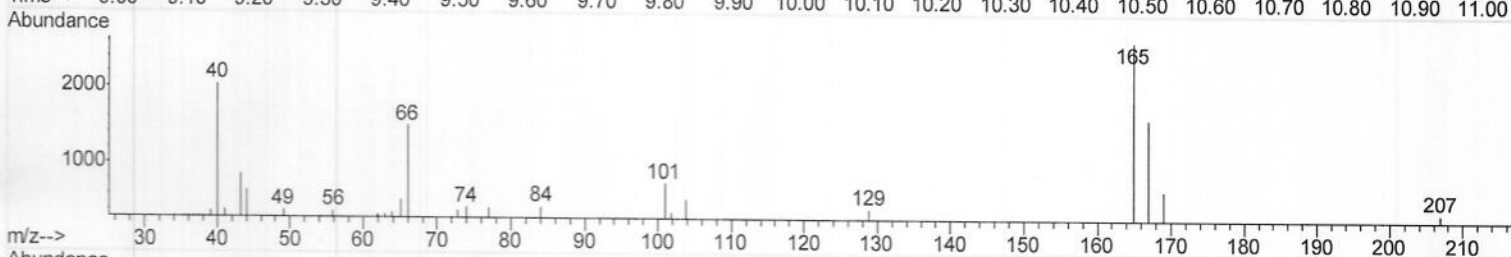
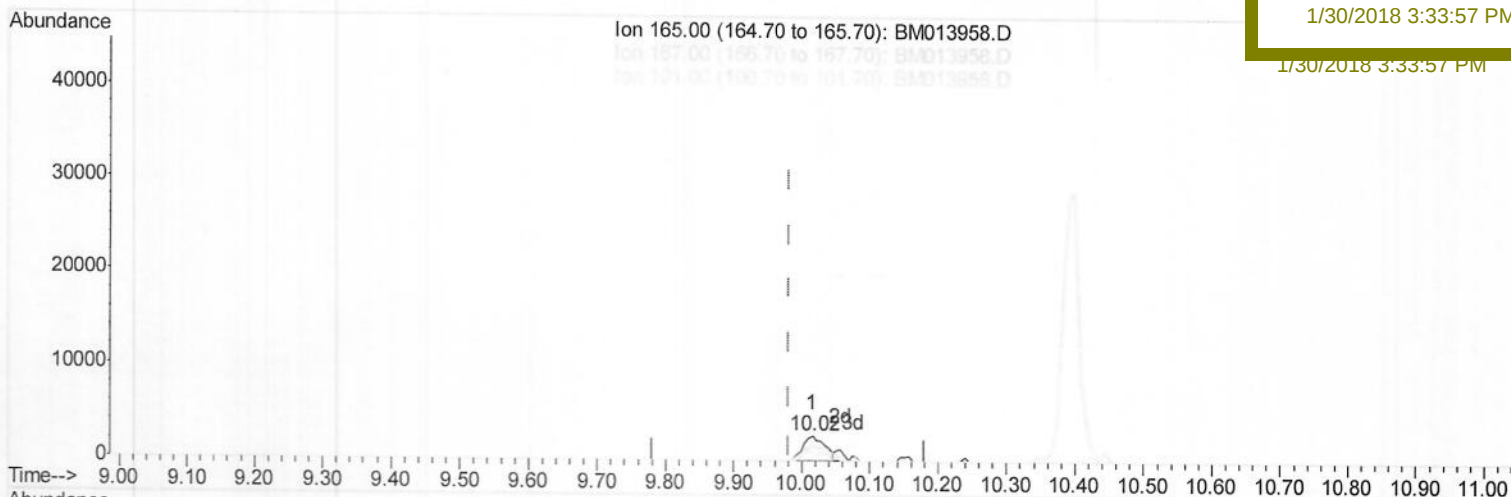
Manual Integrations

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TIC: BM013958.D

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

10.016min (+0.035) 0.93ng/ul

response 5736

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.22
101.00	29.30	28.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

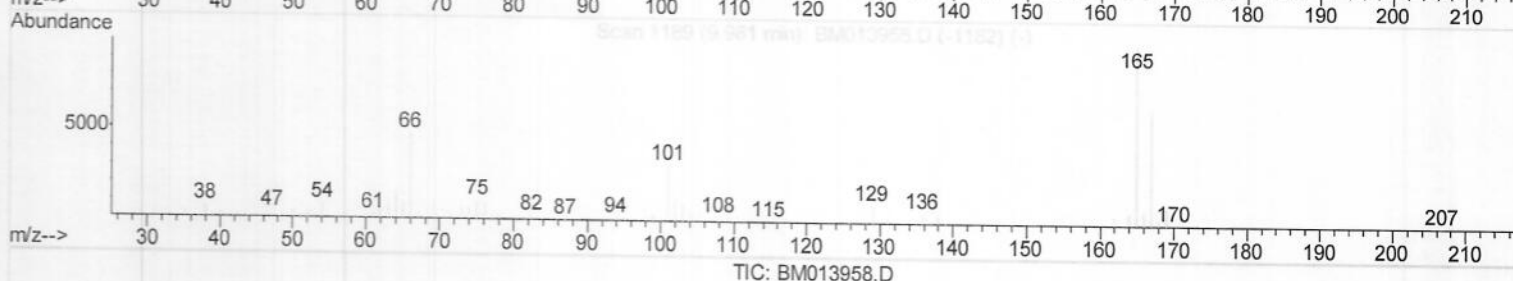
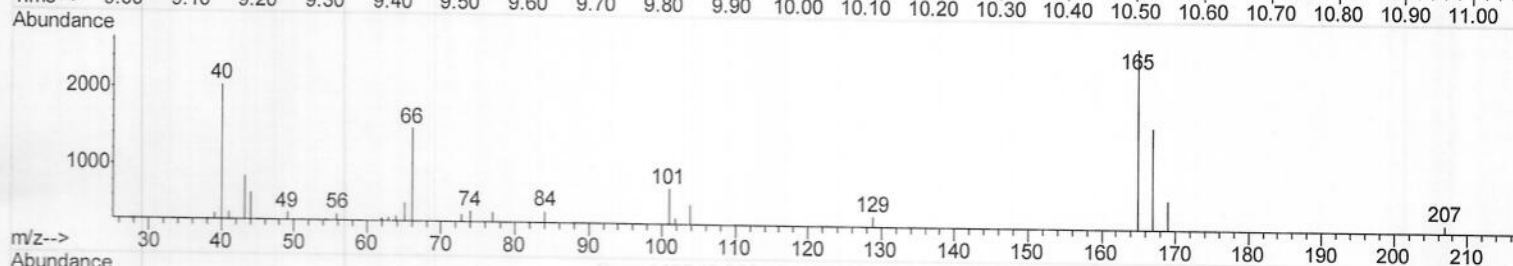
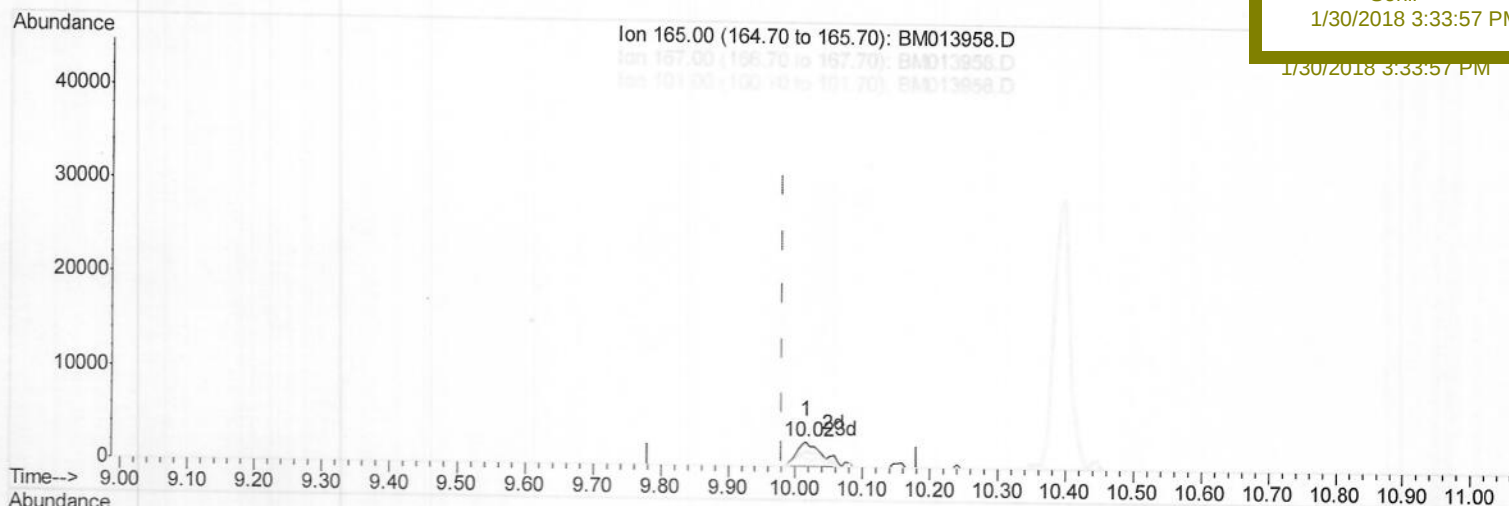
Quant Time: Jan 30 01:27:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F6B33

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

10.016min (+0.035) 1.08ng/ul m

response 6653

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.22
101.00	29.30	28.90
0.00	0.00	0.00

SJ
 01/30/18

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:27:49 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

F6B33

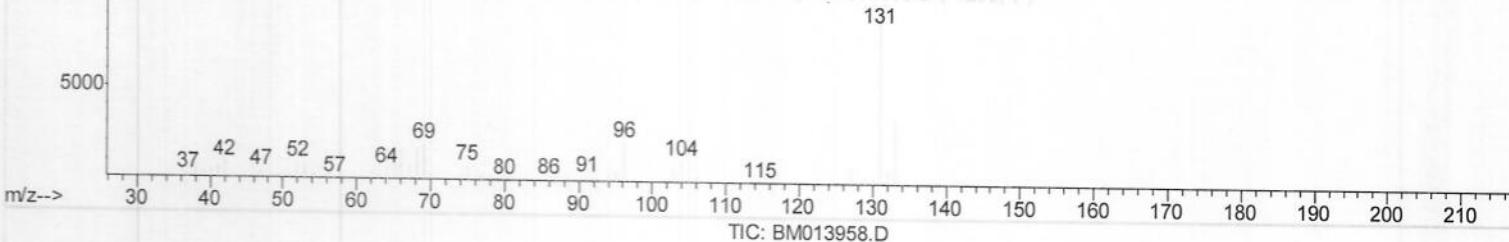
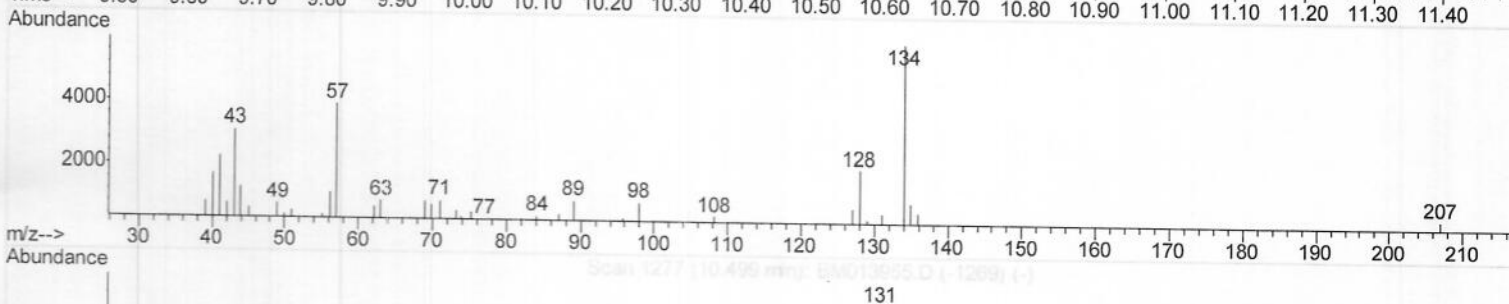
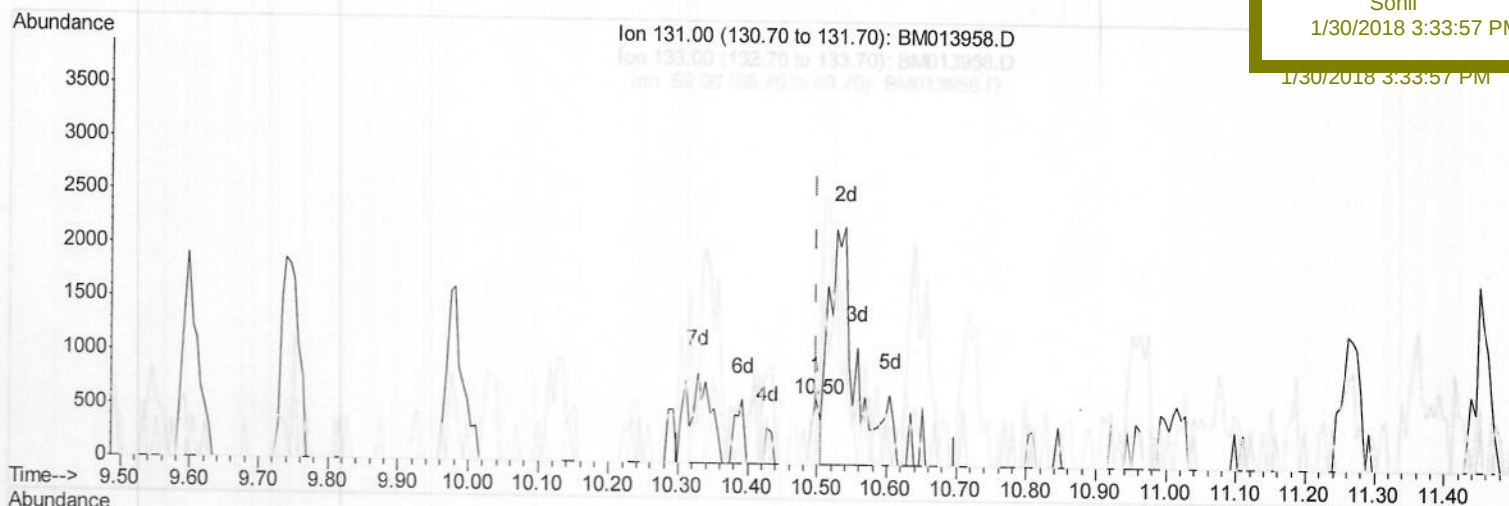
Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.498min (-0.001) 0.10ng/ul

response 513

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	0.00#
69.00	24.30	142.83#
0.00	0.00	0.00

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:27:49 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B33

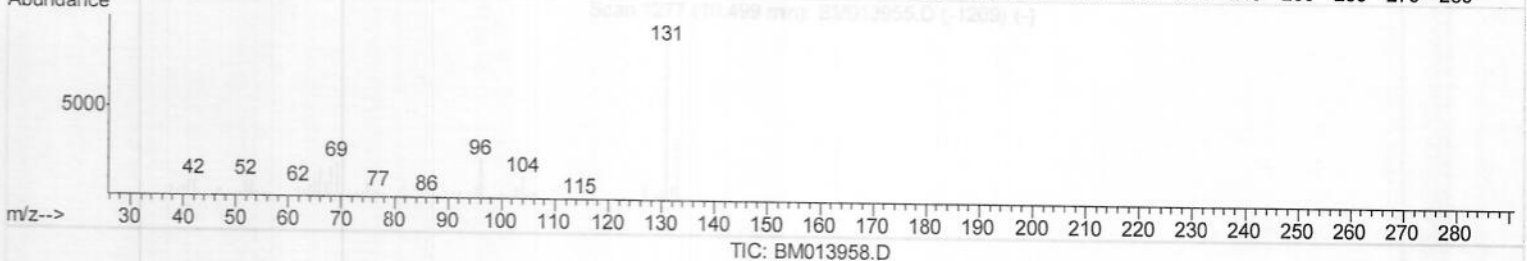
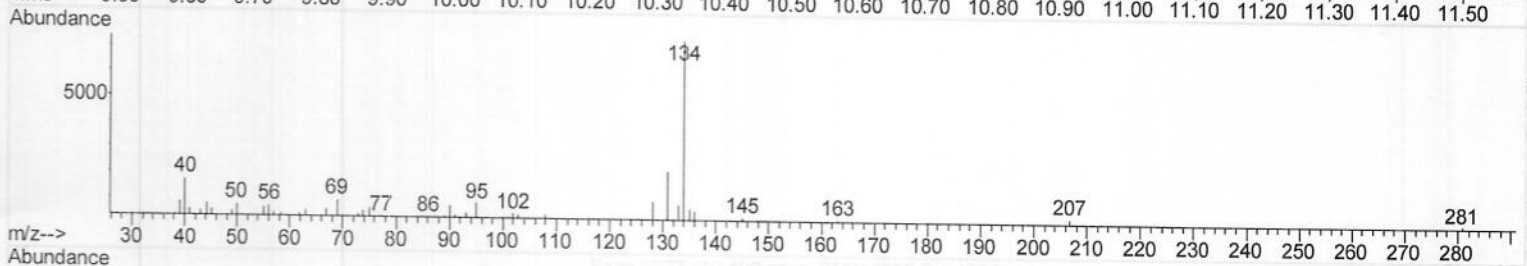
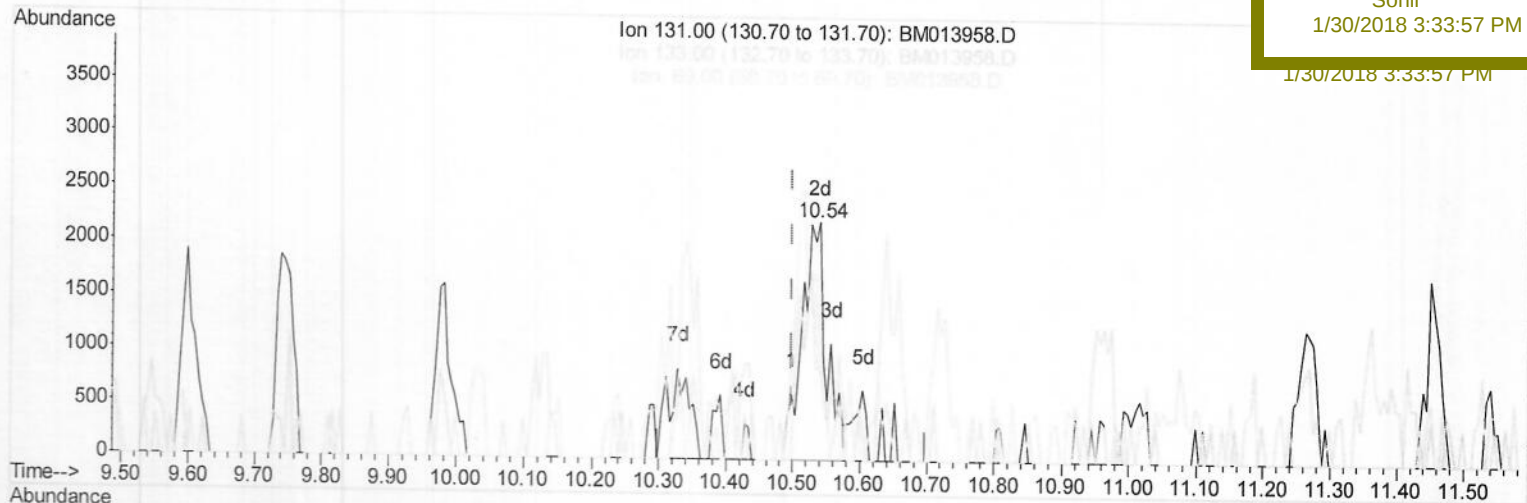
Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.539min (+0.041) 1.05ng/ul m

response 5619

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	40.47#
69.00	24.30	43.19#
0.00	0.00	0.00

JU
01/30/18

Quantitation Report (Qedit)

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:29:44 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B33

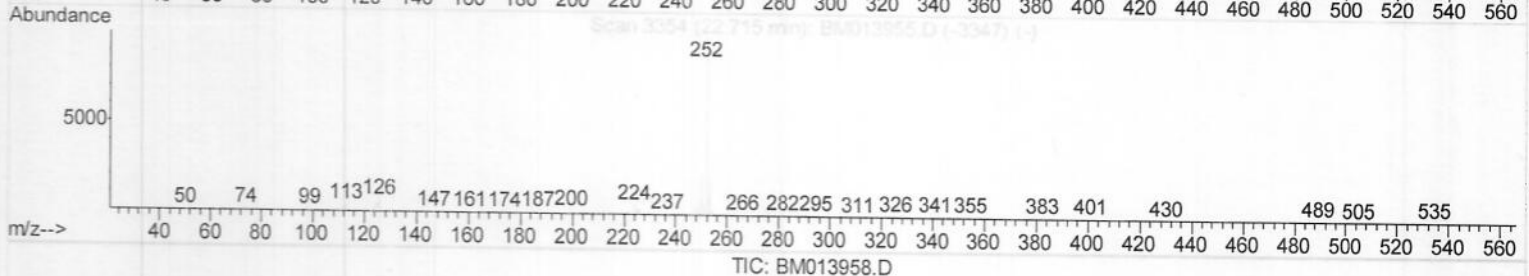
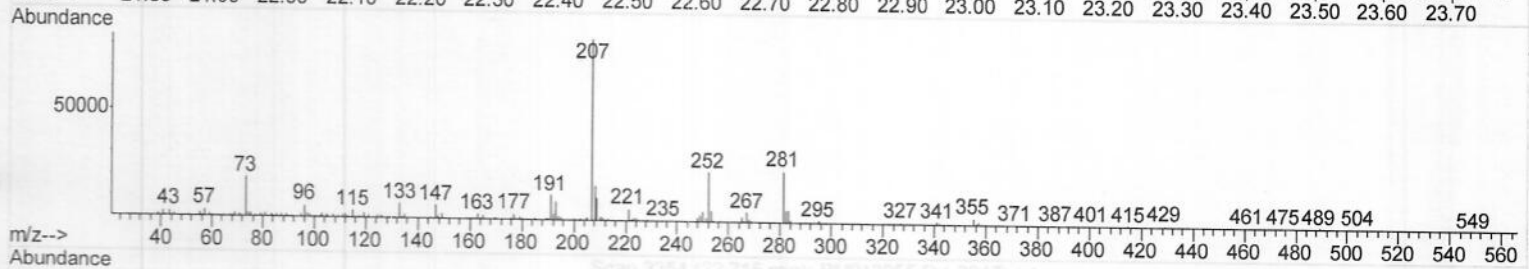
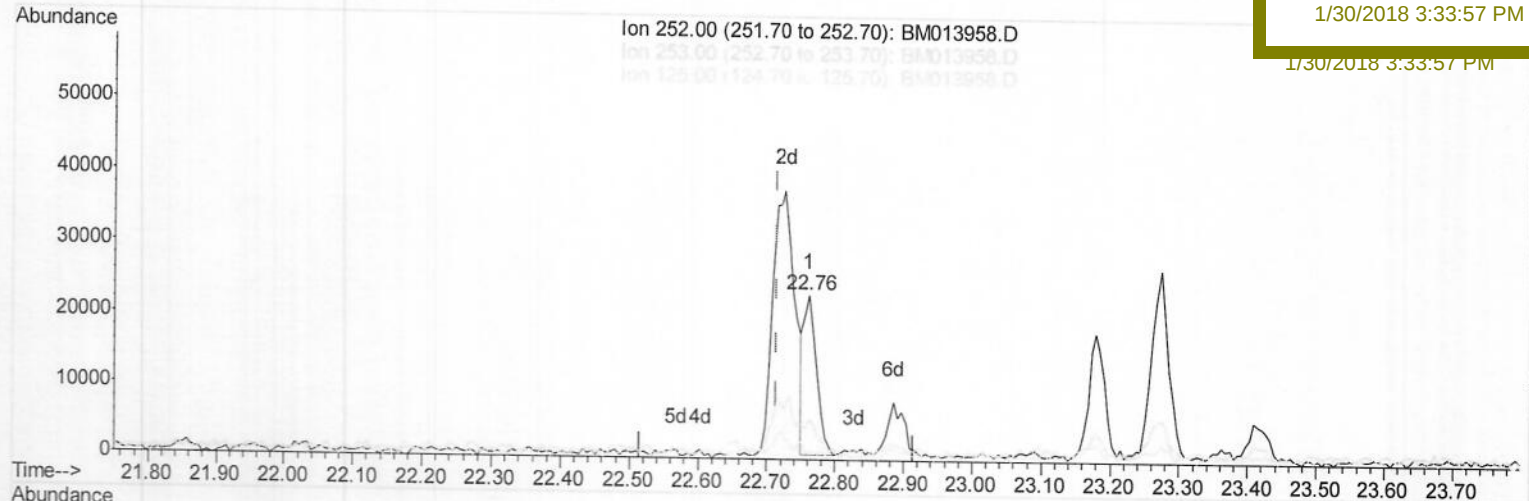
Manual Integrations

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(85) Benzo(b)fluoranthene

22.762min (+0.047) 0.77ng/ul

response 28293

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	24.12
125.00	4.50	4.55
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:29:44 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B33

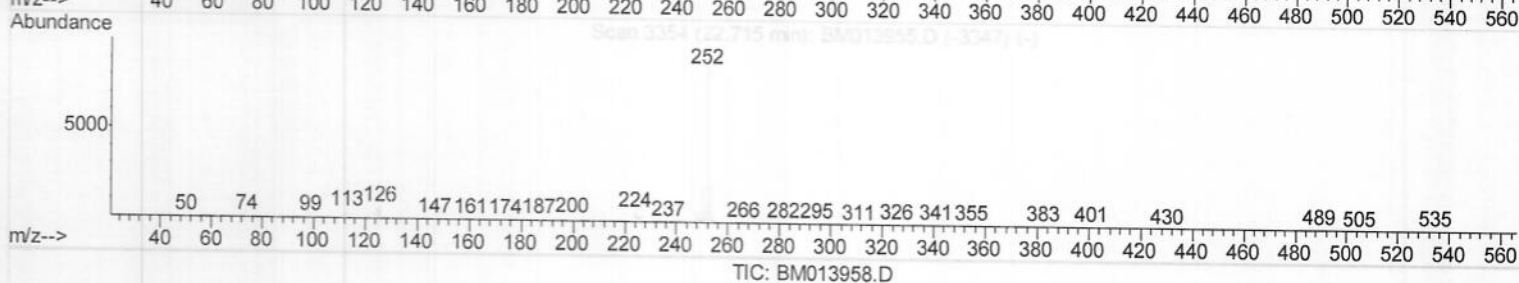
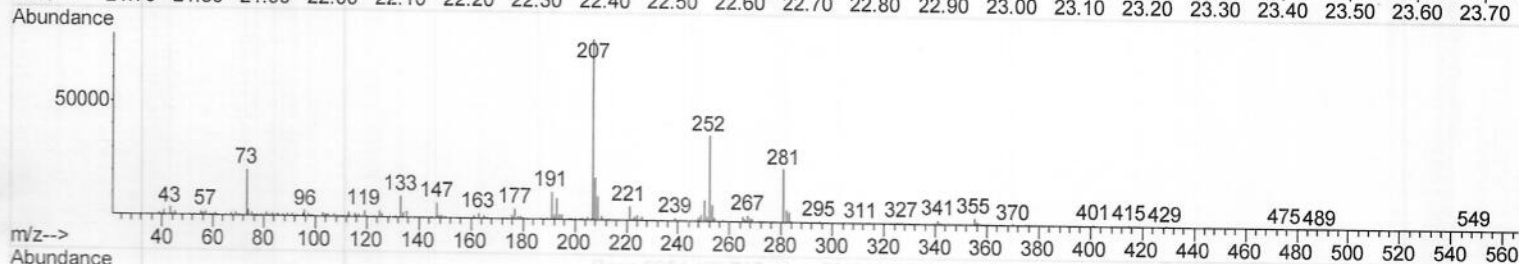
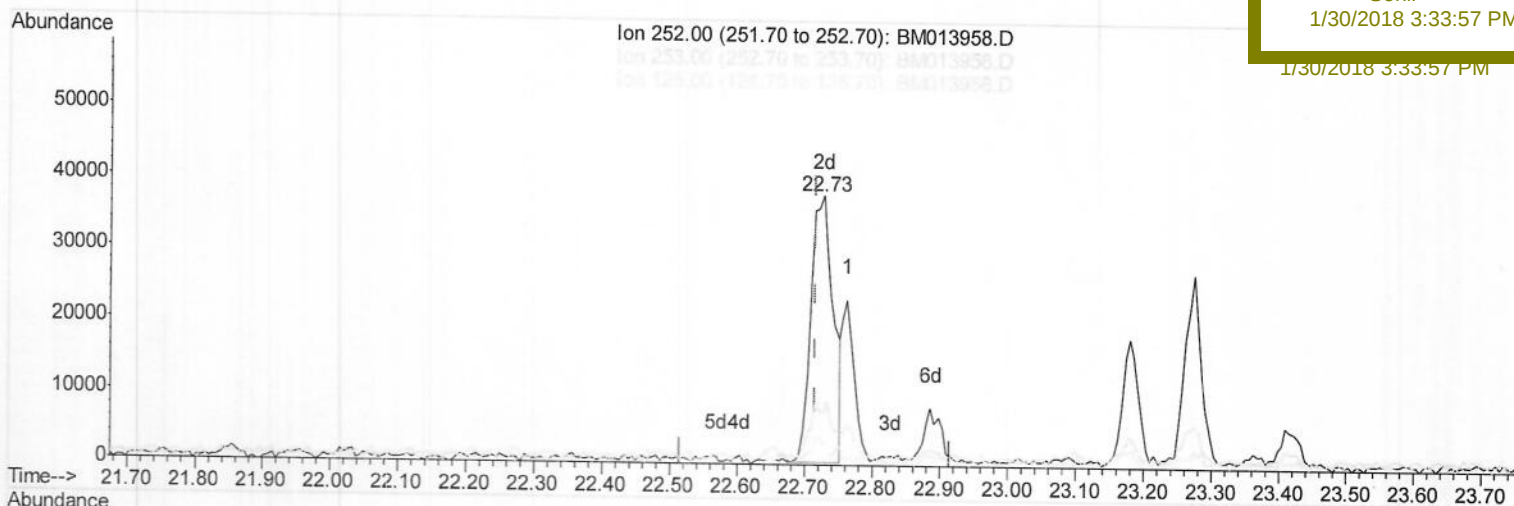
Manual Integrations

APPROVED

Sohil

1/30/2018 3:33:57 PM

1/30/2018 3:33:57 PM



(85) Benzo(b)fluoranthene

22.727min (+0.011) 2.32ng/ul m

response 85246

Ion Exp% Act%

252.00 100 100

253.00 22.40 19.06

125.00 4.50 7.74#

0.00 0.00 0.00

JU
01/30/18

Quantitation Report (Qedit)

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:30:59 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

F6B33

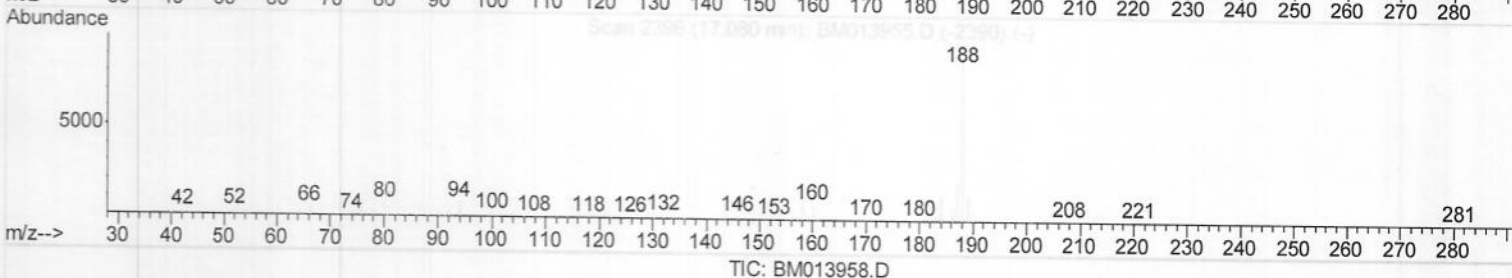
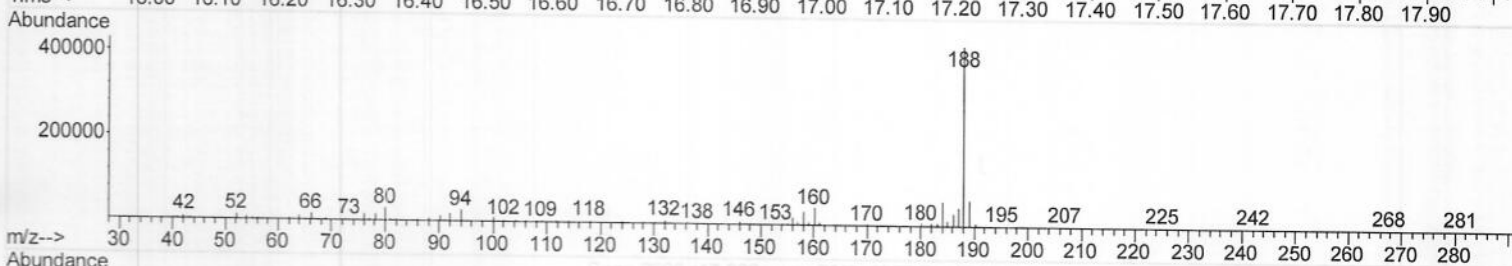
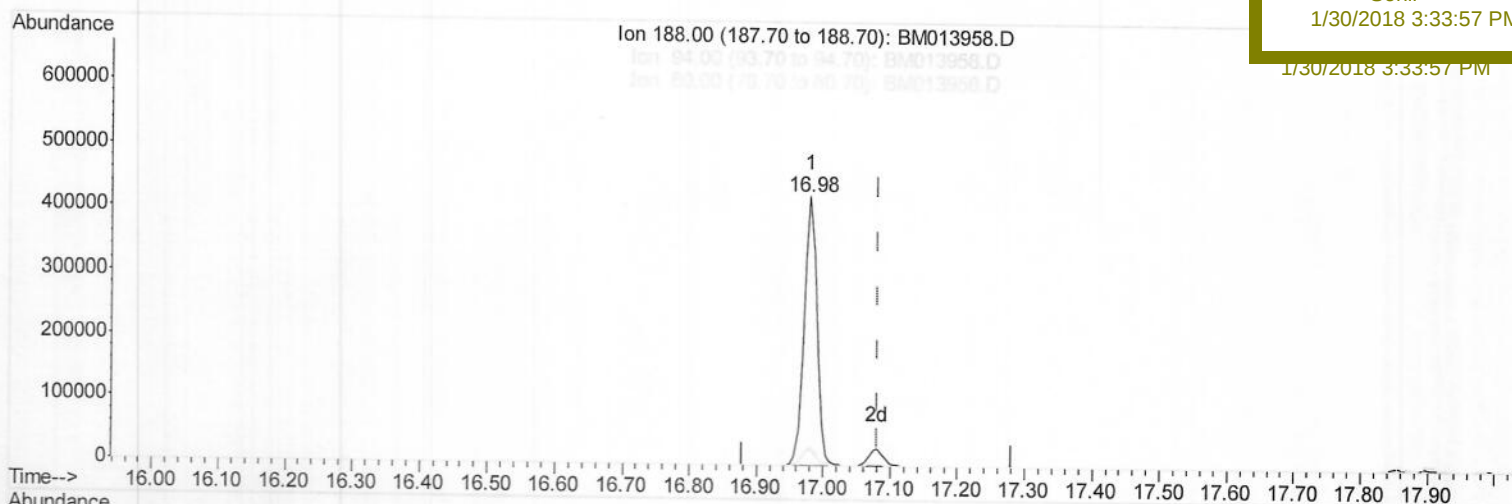
Manual Integrations

APPROVED

Sohil

1/30/2018 3:33:57 PM

1/30/2018 3:33:57 PM



(70) Anthracene-d10 (S)

16.980min (-0.101) 20.53ng/ul

response 557948

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.02
80.00	5.90	6.78
0.00	0.00	0.00

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

Data File : BM013958.D

Acq On : 29 Jan 2018 14:47

Operator : SJ/JU

Sample : J1243-10 20X

Misc :

ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 30 01:30:59 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jan 30 01:10:58 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

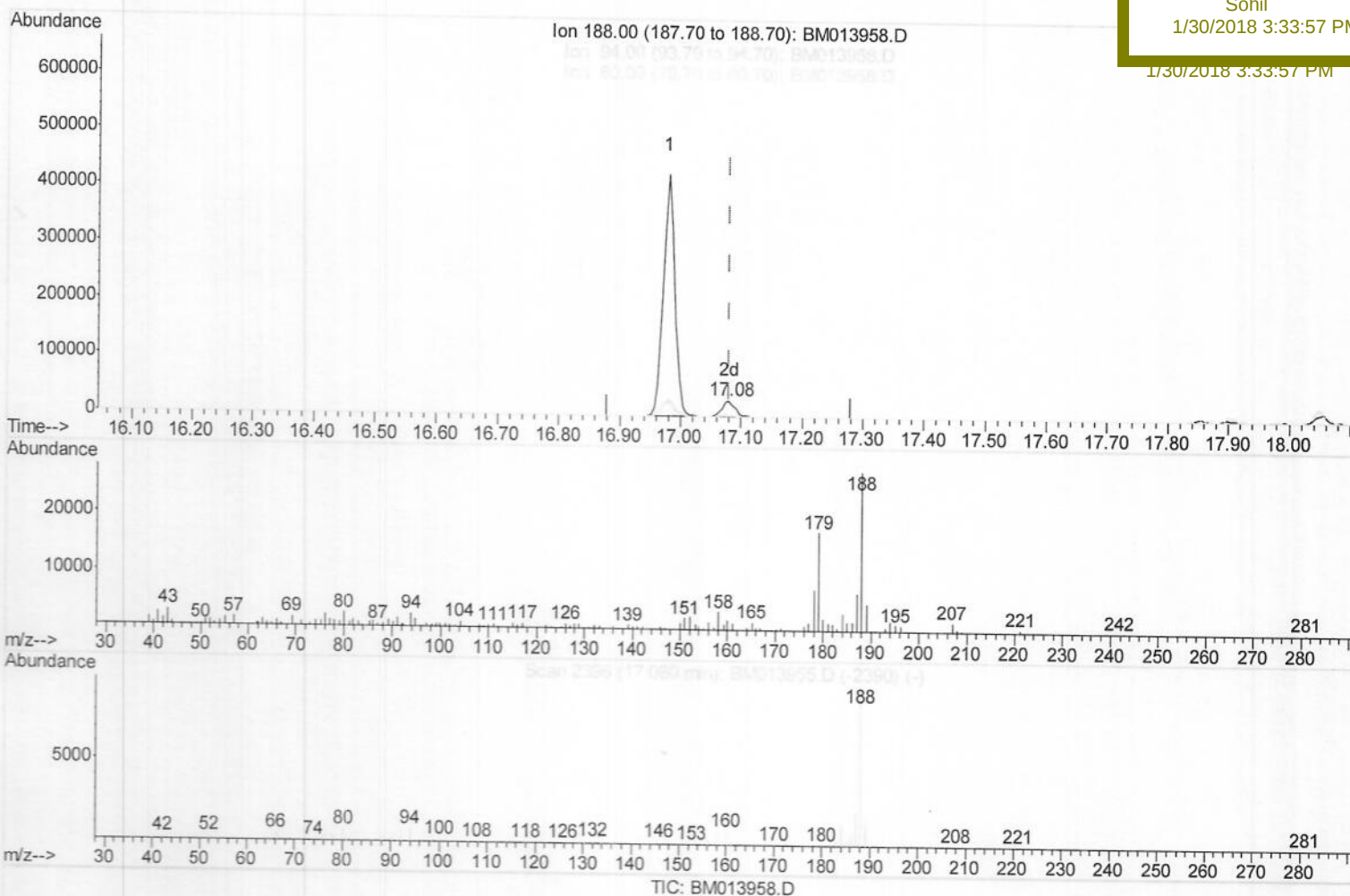
F6B33

Manual Integrations
APPROVED

Sohil

1/30/2018 3:33:57 PM

1/30/2018 3:33:57 PM



(70) Anthracene-d10 (S)

17.080min (-0.001) 1.51ng/ul m

response 41019

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	9.43#
80.00	5.90	9.67#
0.00	0.00	0.00

JU
01/30/18

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM012918\
 Data File : BM013958.D
 Acq On : 29 Jan 2018 14:47
 Operator : SJ/JU
 Sample : J1243-10 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 11:32:24 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 F6B33

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:33:57 PM

1/30/2018 3:33:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	92597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	389236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	244075	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	557948	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	633742	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	597554	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	480	0.20	ng/uL	0.00
5) Phenol-d5	6.79	99	6952m	0.98	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	4931	1.14	ng/ul	0.01
9) 2-Chlorophenol-d4	7.12	132	6222m	1.07	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	4867	0.89	ng/ul	0.03
19) Nitrobenzene-d5	8.76	128	4037m	1.34	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	3911m	1.23	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	6653m	1.08	ng/ul	0.03
29) 4-Chloroaniline-d4	10.54	131	5619m	1.05	ng/ul	0.04
43) Dimethylphthalate-d6	13.64	166	30690	1.53	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	34719	1.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	651	0.20	ng/ul	0.05
57) Fluorene-d10	15.22	176	25676	1.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	1104	0.33	ng/ul	0.03
70) Anthracene-d10	17.08	188	41019m	1.51	ng/ul	0.00
76) Pyrene-d10	19.39	212	47861	1.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	42637	1.55	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.39	128	1635330	84.450	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	760724	52.691	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	206984	10.188	ng/ul	99
49) Acenaphthene	14.29	153	583837	35.917	ng/ul	99
53) Dibenzofuran	14.63	168	799753	32.704	ng/ul	98
58) Fluorene	15.28	166	500133	24.967	ng/ul	96
68) Pentachlorophenol	16.64	266	26249	6.964	ng/ul	98
69) Phenanthrene	17.03	178	3148619	101.522	ng/ul	99
71) Anthracene	17.12	178	381570	11.928	ng/ul	97
72) Carbazole	17.40	167	155427	5.886	ng/ul	99
74) Fluoranthene	19.05	202	1665655	44.992	ng/ul	98
77) Pyrene	19.42	202	1062154	27.569	ng/ul	98
80) Benzo(a)anthracene	21.17	228	209393	5.468	ng/ul	99
82) Chrysene	21.22	228	153462	4.368	ng/ul	97
85) Benzo(b)fluoranthene	22.73	252	85246m	2.323	ng/ul	97

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