

(QT Reviewed)

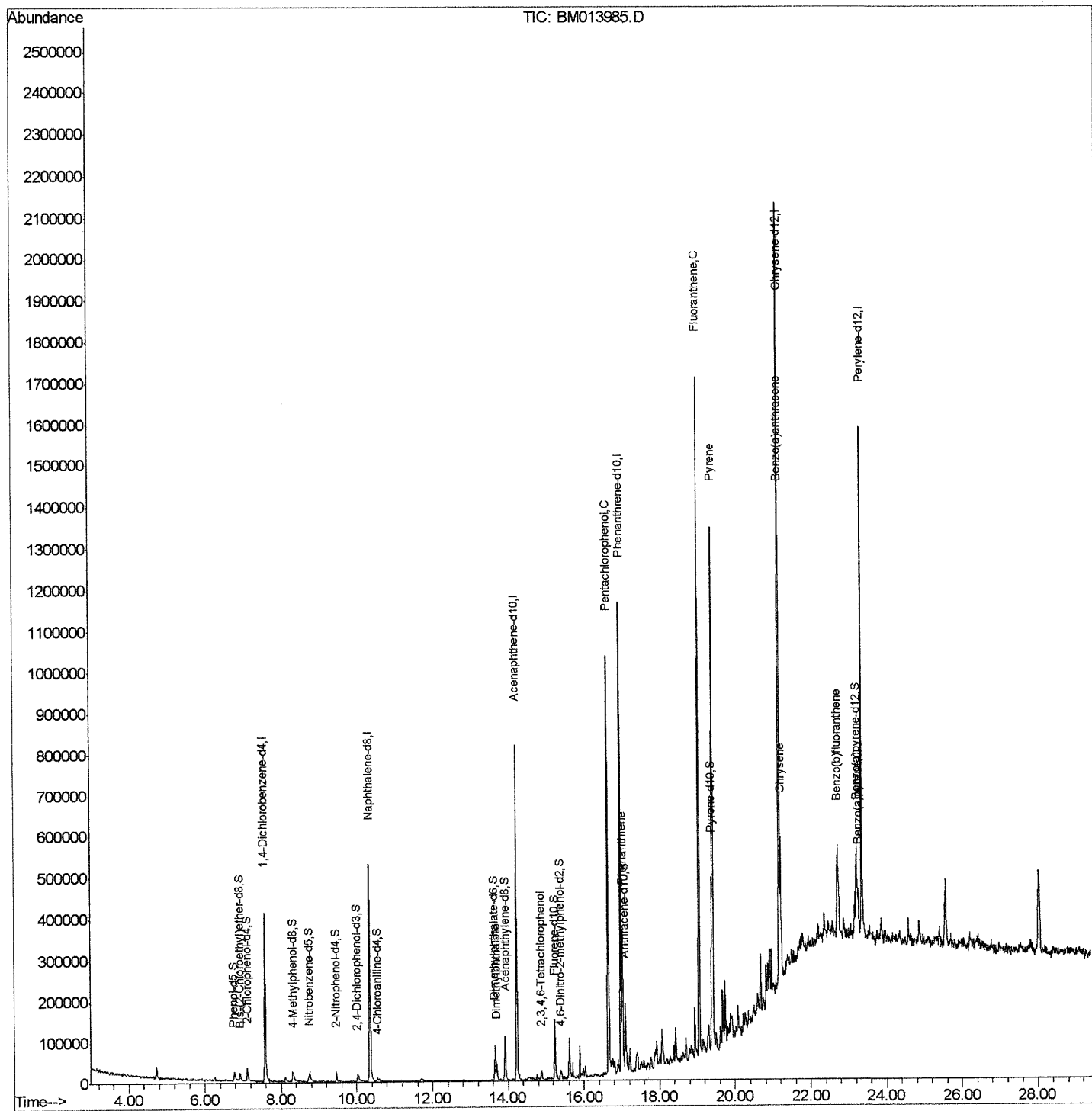
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On    : 30 Jan 2018 07:28
Operator  : SJ/JU
Sample    : J1243-05DL 10X
Misc      :
ALS Vial  : 30      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Manual Integrations

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:36:49 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



Quantitation Report (Qedit)

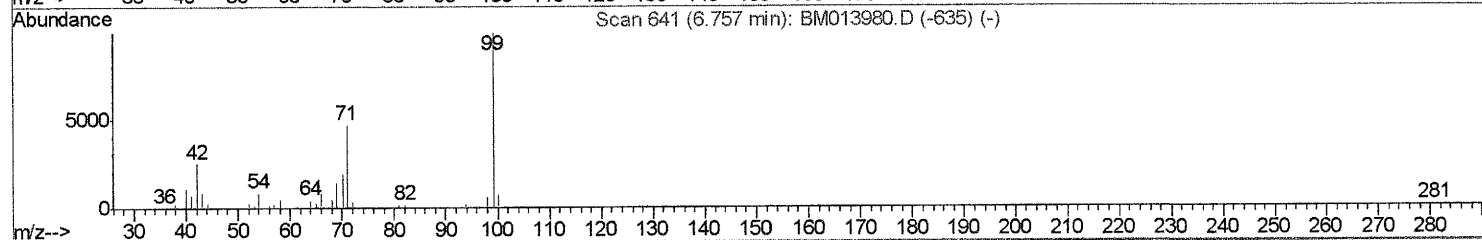
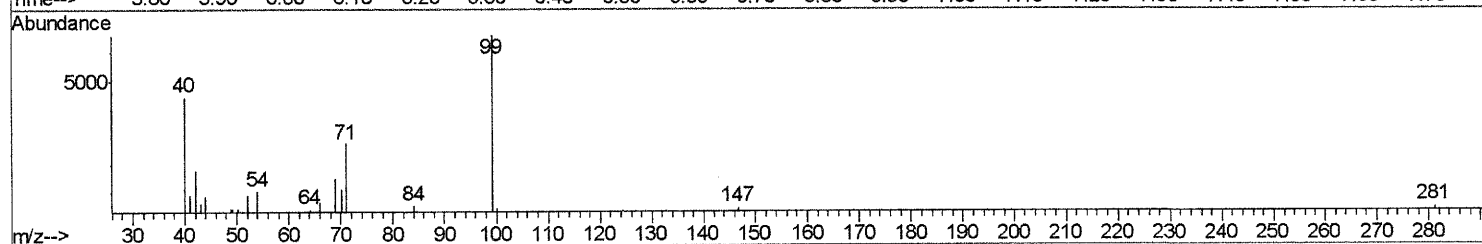
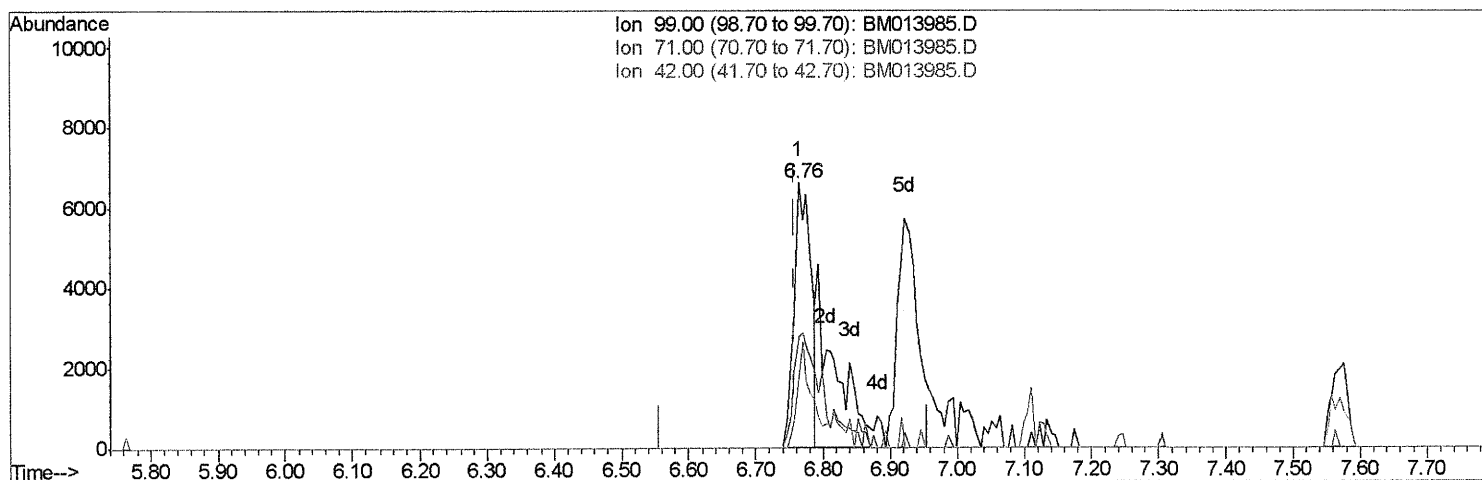
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:31:54 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



TIC: BM013985.D

(5) Phenol-d5 (S)

6.763min (+0.006) 1.43ng/ul

response 11698

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	41.90#
42.00	24.20	27.32
0.00	0.00	0.00

Quantitation Report (Qedit)

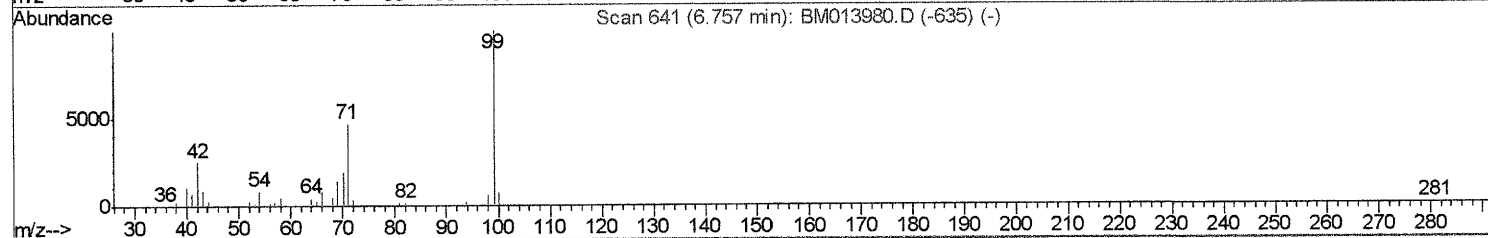
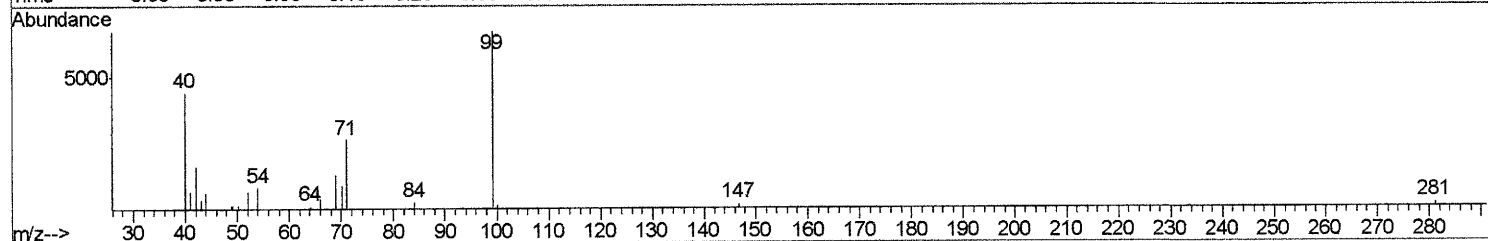
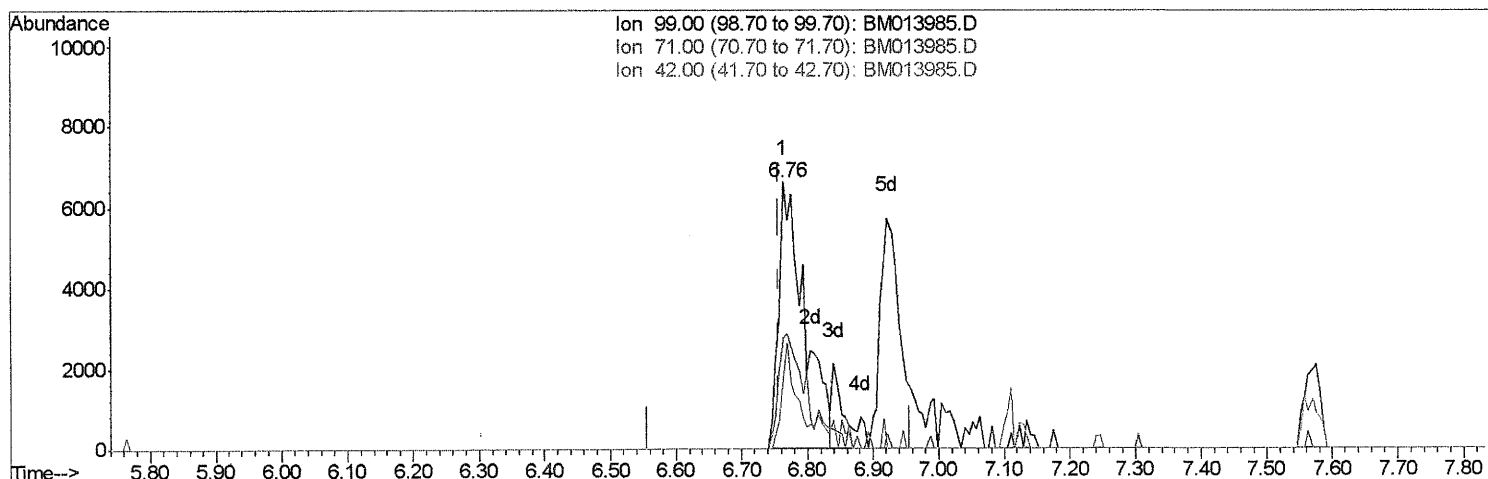
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Jan 30 08:31:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC: BM013985.D

(5) Phenol-d5 (S)

6.763min (+0.006) 2.20ng/ul m) SJ 218118

response 17955

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	41.90#
42.00	24.20	27.32
0.00	0.00	0.00

Quantitation Report (Qedit)

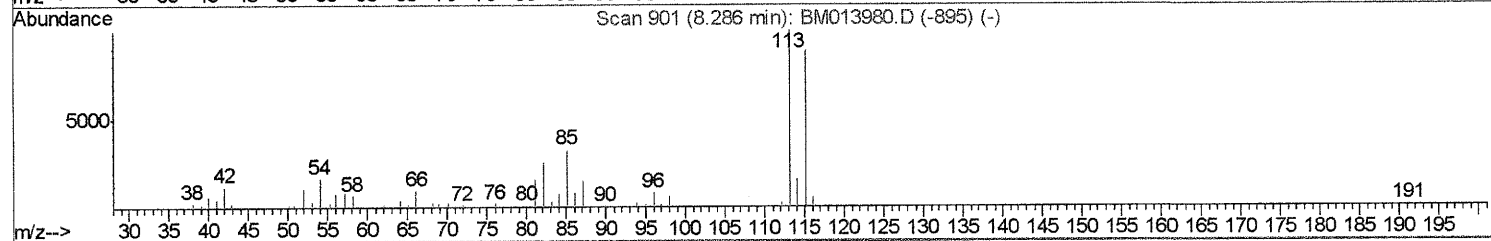
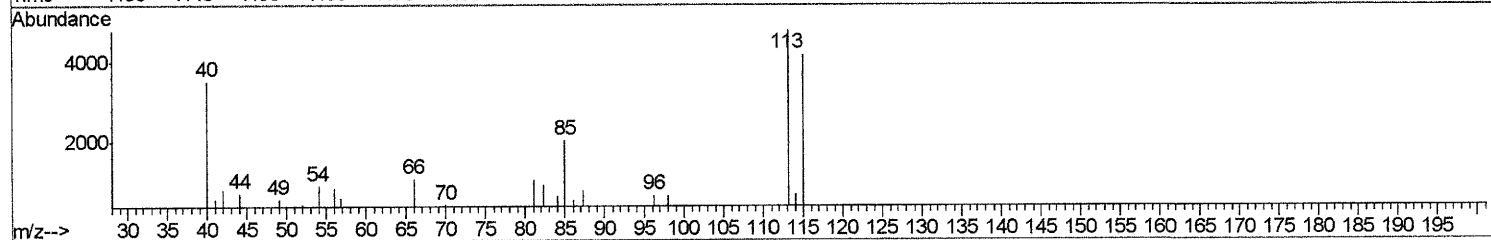
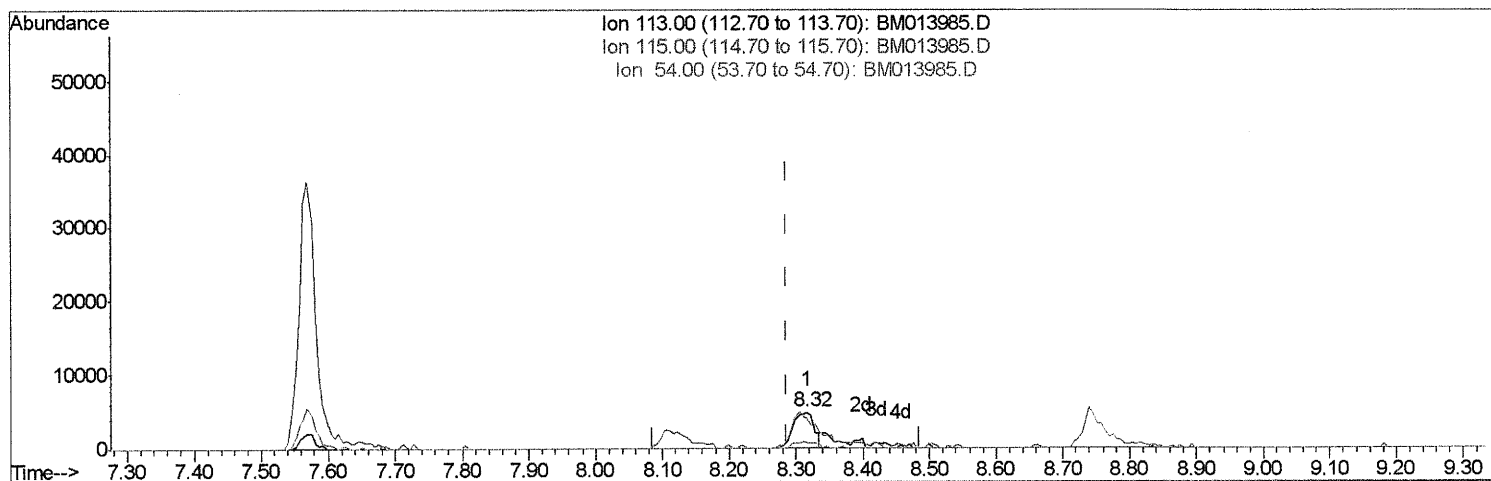
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:32:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC: BM013985.D

(13) 4-Methylphenol-d8 (S)

8.316min (+0.030) 1.70ng/ul

response 10671

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	87.52
54.00	18.90	18.41
0.00	0.00	0.00

Quantitation Report (Qedit)

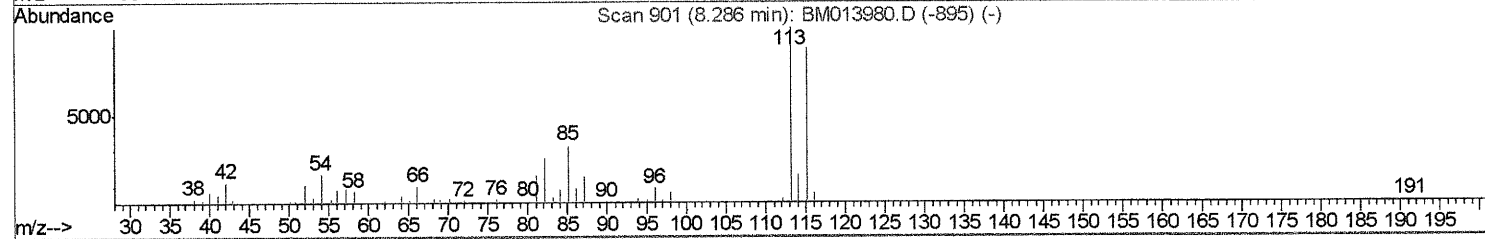
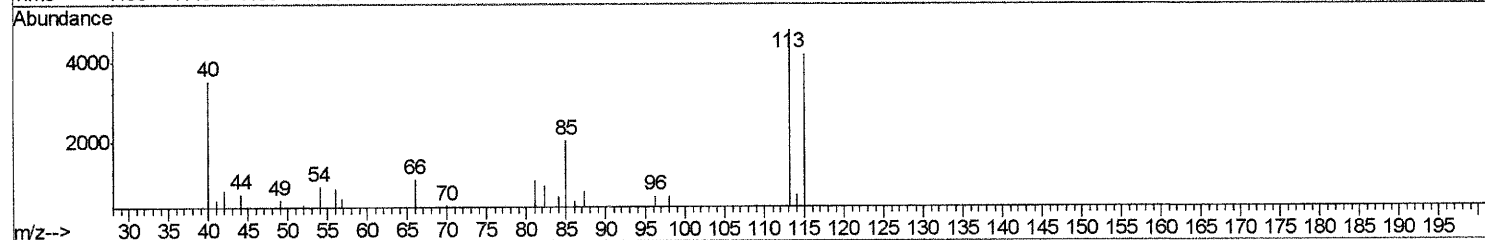
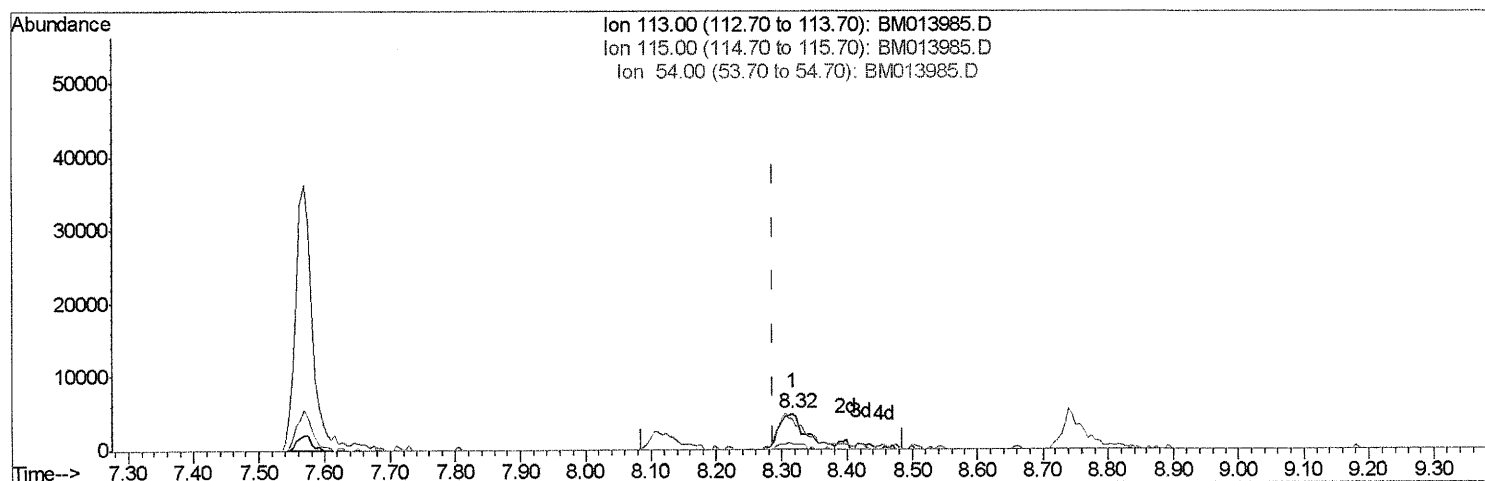
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Jan 30 08:32:28 2018
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TIC: BM013985.D

(13) 4-Methylphenol-d8 (S)

8.316min (+0.030) 2.20ng/ul m> SJ 2/8/18

response 13800

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	87.52
54.00	18.90	18.41
0.00	0.00	0.00

Quantitation Report (Qedit)

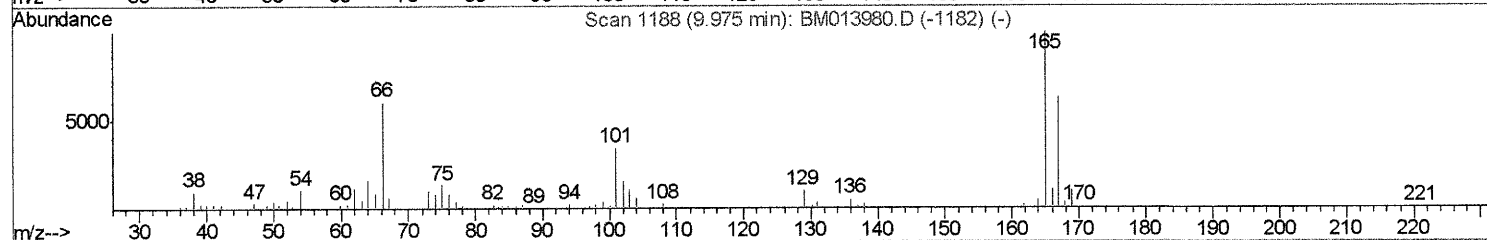
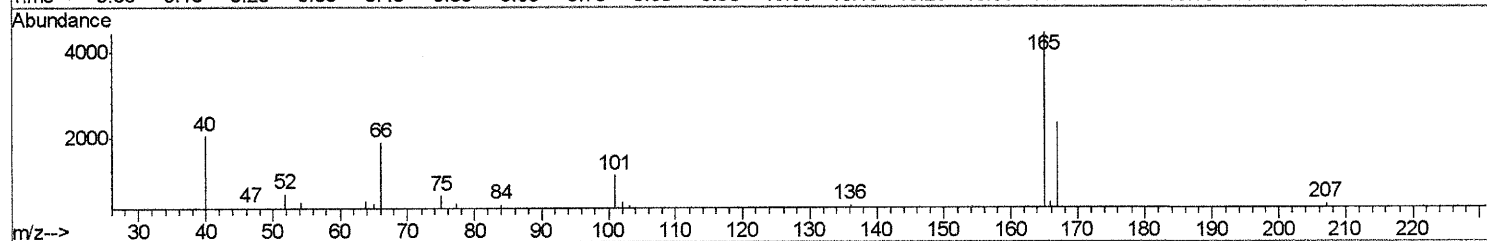
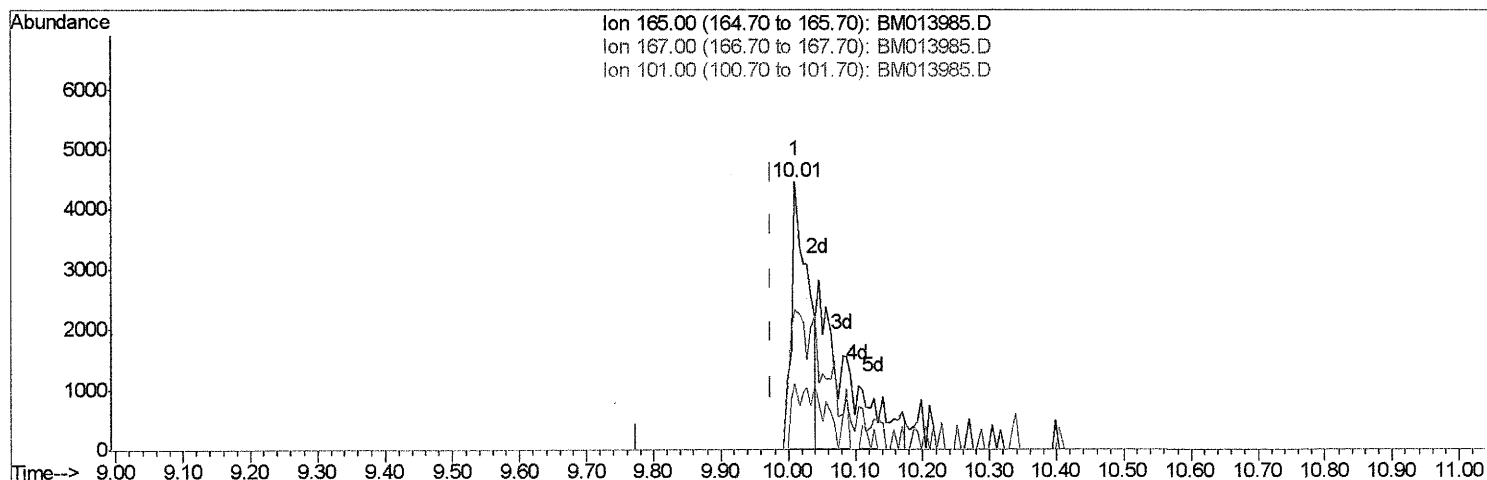
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
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 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:33:01 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
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TIC: BM013985.D

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

10.010min (+0.035) 1.16ng/ul

response 7586

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	52.13
101.00	29.30	24.75
0.00	0.00	0.00

Quantitation Report (Qedit)

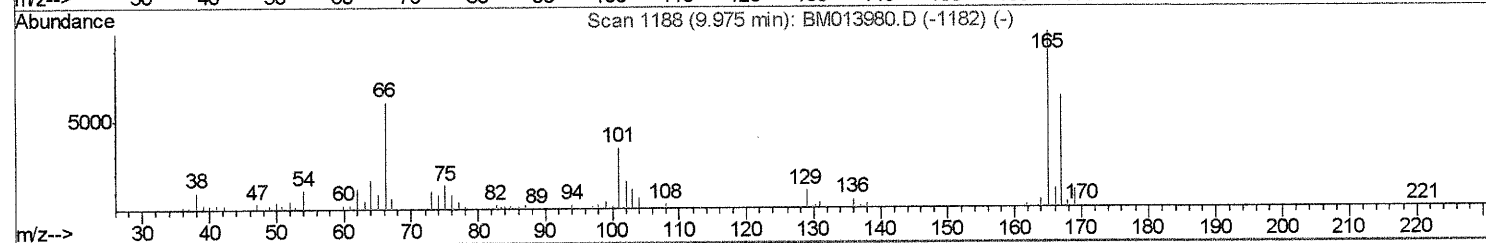
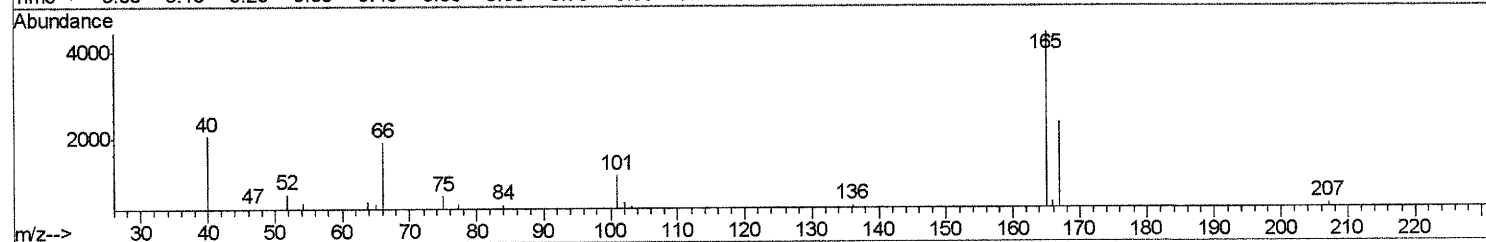
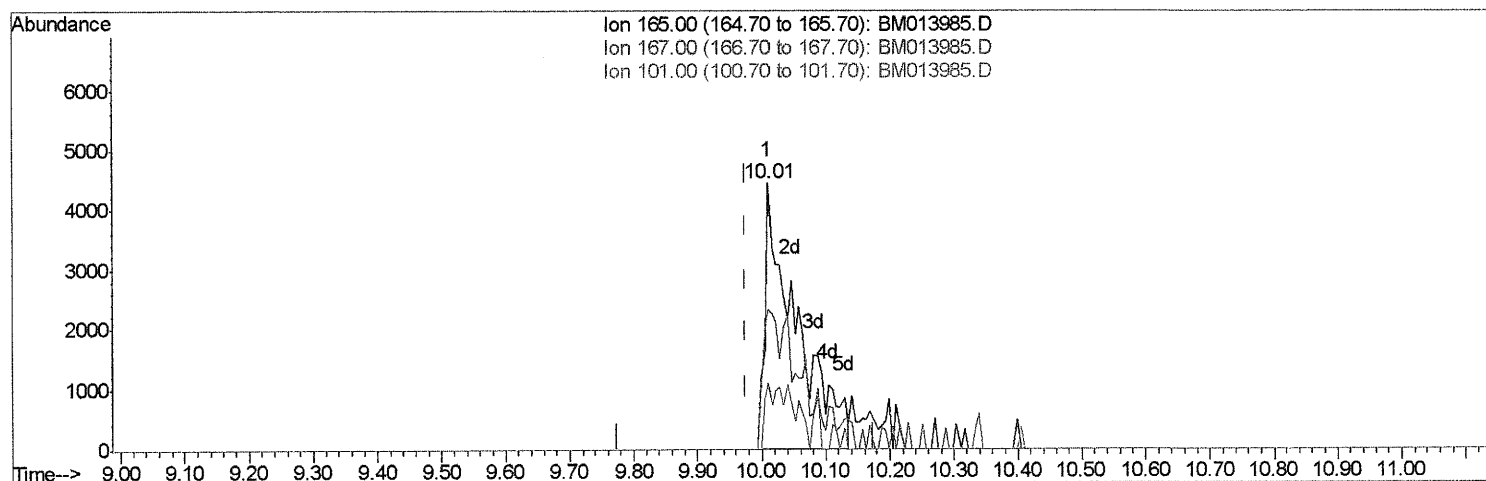
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:33:01 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



TIC: BM013985.D

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

10.010min (+0.035) 2.28ng/ul m } SJ 2/1/18

response 14936

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	52.13
101.00	29.30	24.75
0.00	0.00	0.00

Instrument :

BNA M

ClientSampleId :

F6B28DL

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

Data File : BM013985.D

Acq On : 30 Jan 2018 07:28

Operator : SJ/JU

Sample : J1243-05DL 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jan 30 08:33:26 2018

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

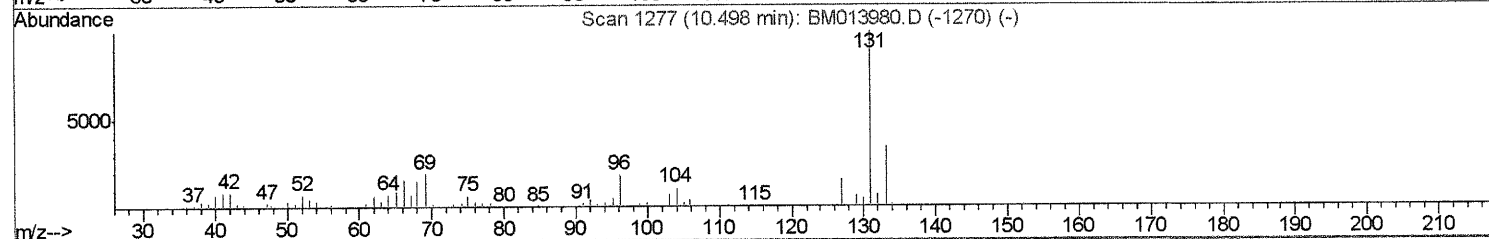
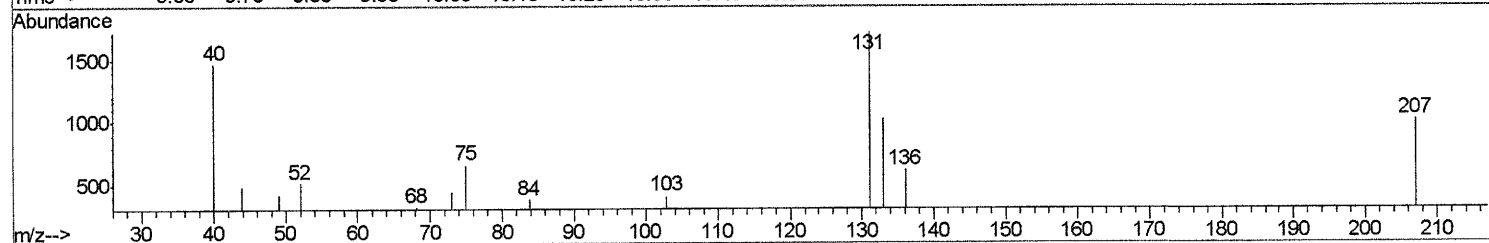
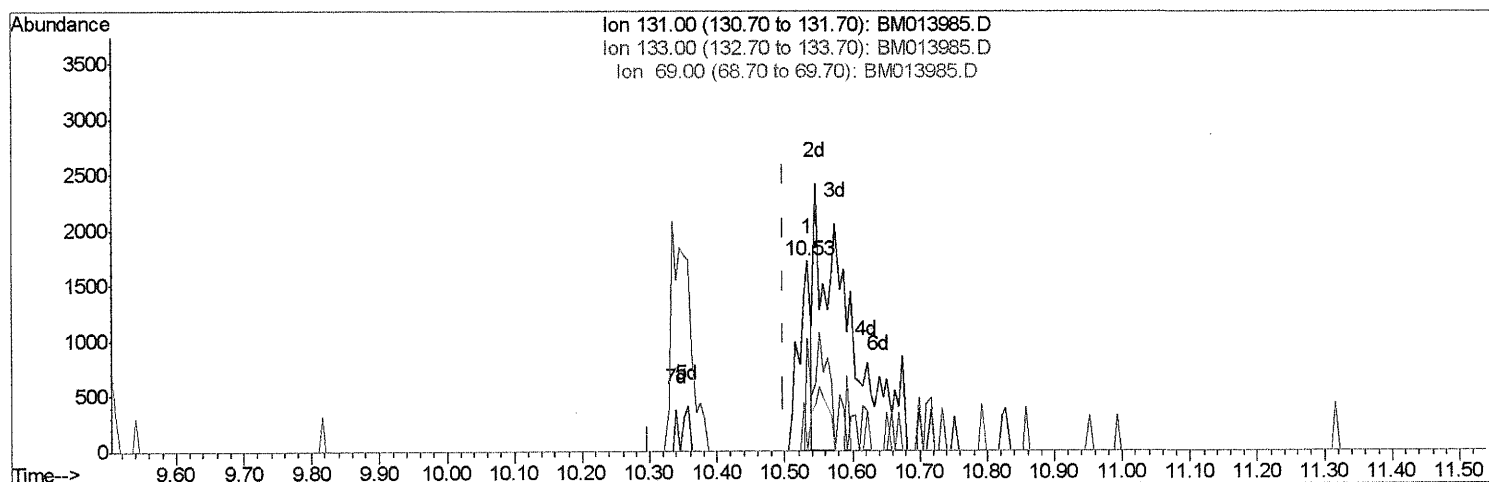
Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

Manual Integrations APPROVED

Sohil
1/30/2018 3:34:58 PM



TIC: BM013985.D

(29) 4-Chloroaniline-d4 (S)

10.533min (+0.035) 0.39ng/ul

response 2244

Ion	Exp%	Act%
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131.00	100	100
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133.00 31.40 59.19#

69.00 24.30 0.00#

0.00	0.00	0.00
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Quantitation Report (Qedit)

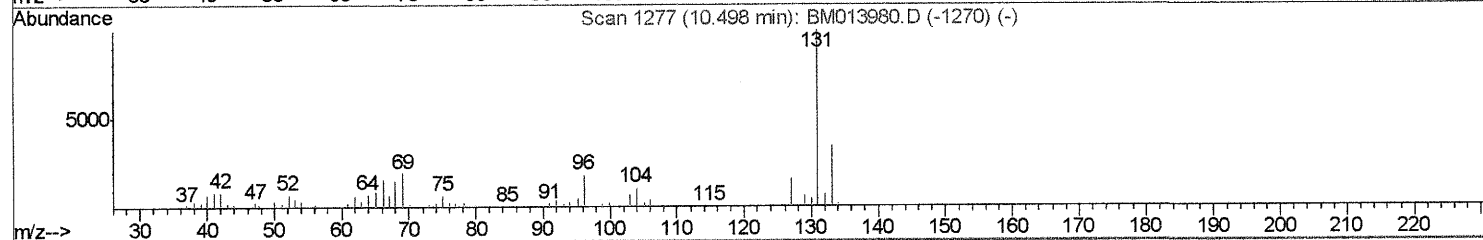
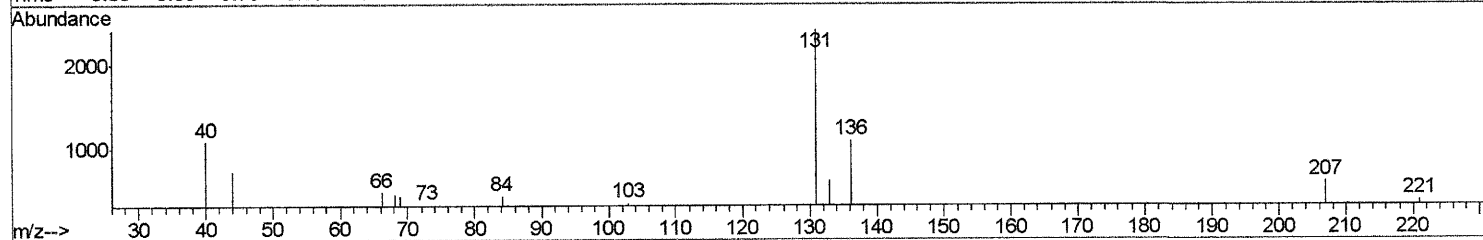
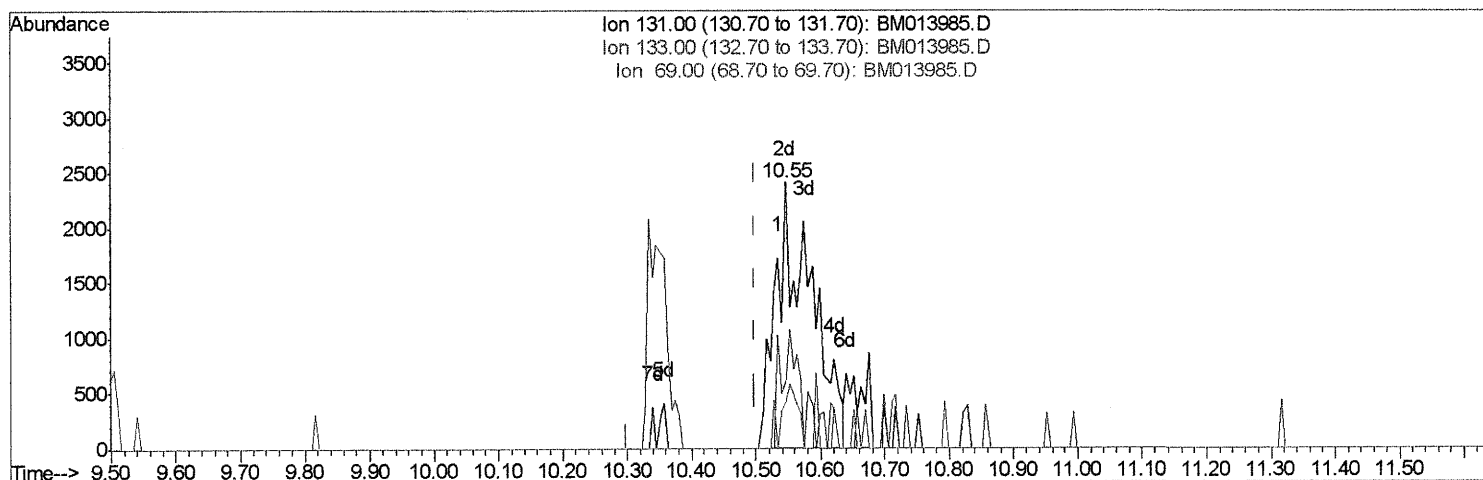
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:33:26 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



TIC: BM013985.D

(29) 4-Chloroaniline-d4 (S)

10.545min (+0.047) 1.59ng/ul m > SJ 2/8/18

response 9066

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	25.56
69.00	24.30	17.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

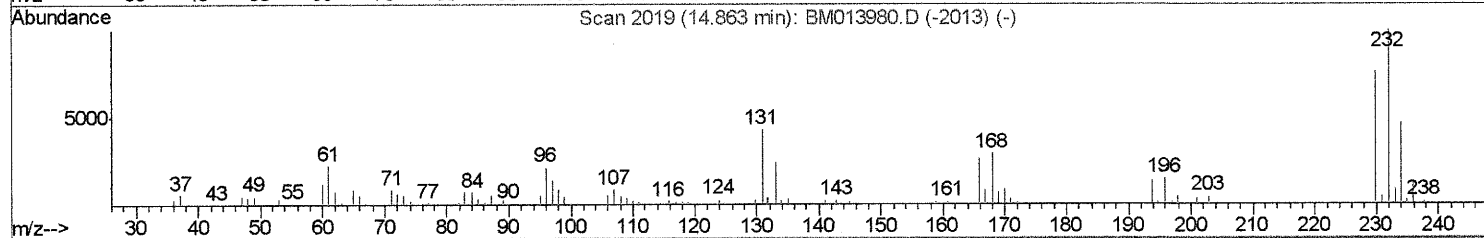
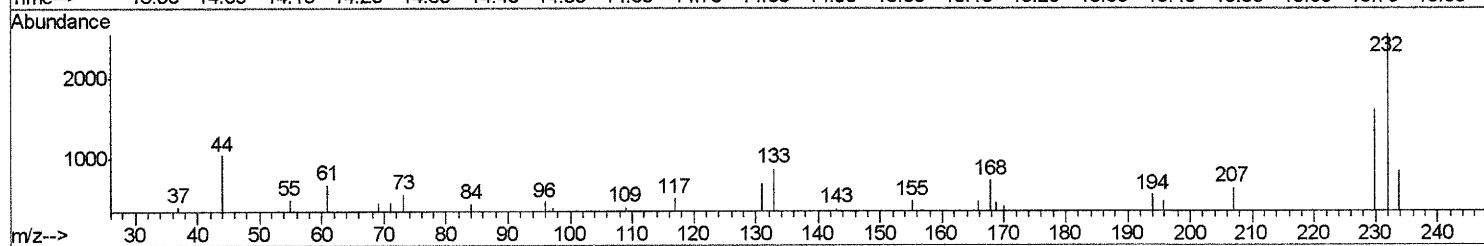
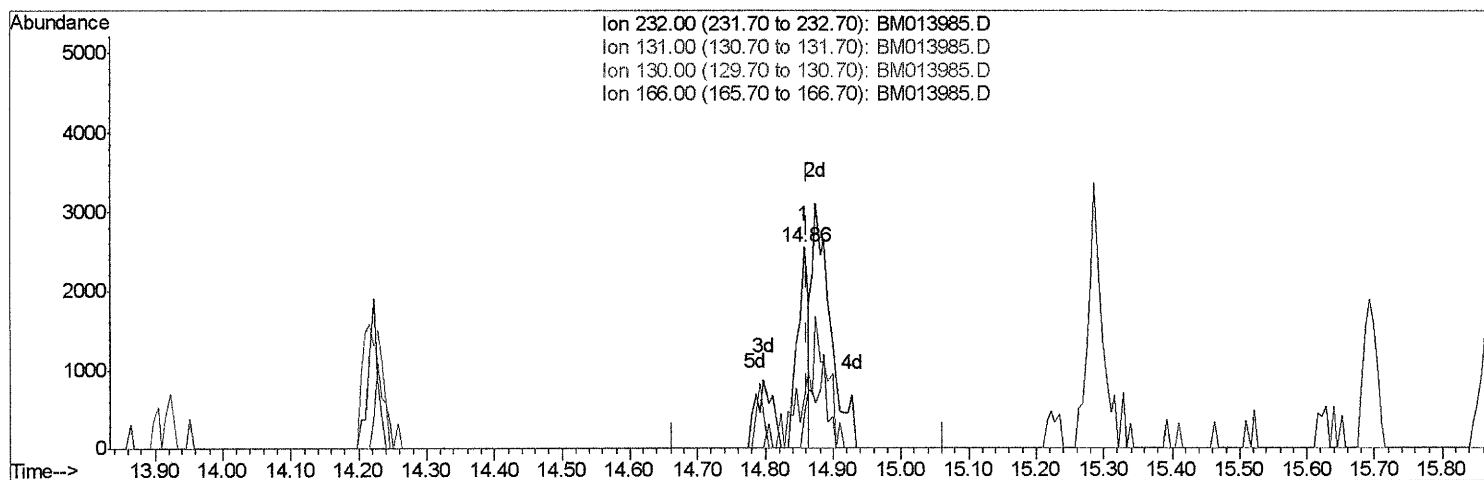
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:33:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
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TIC: BM013985.D

(55) 2,3,4,6-Tetrachlorophenol

14.857min (-0.006) 0.55ng/ul

response 2915

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	26.50#
130.00	2.50	0.00#
166.00	26.80	17.44#

Quantitation Report (Qedit)

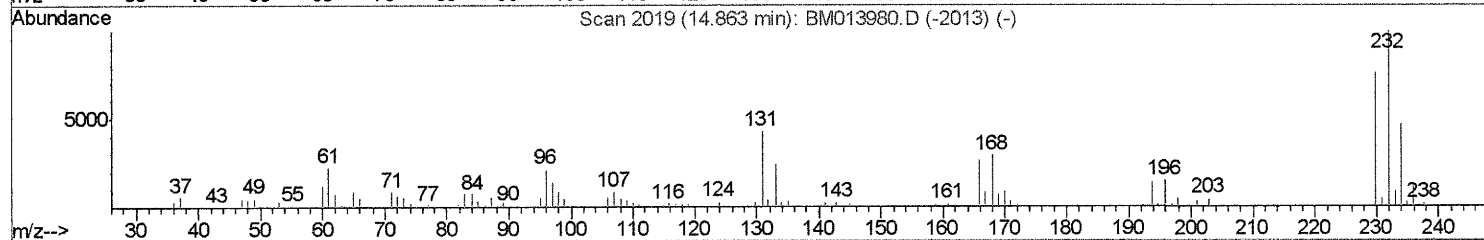
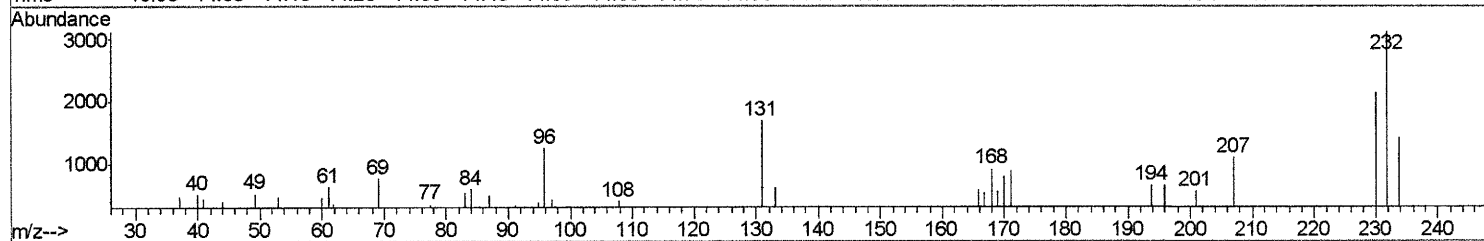
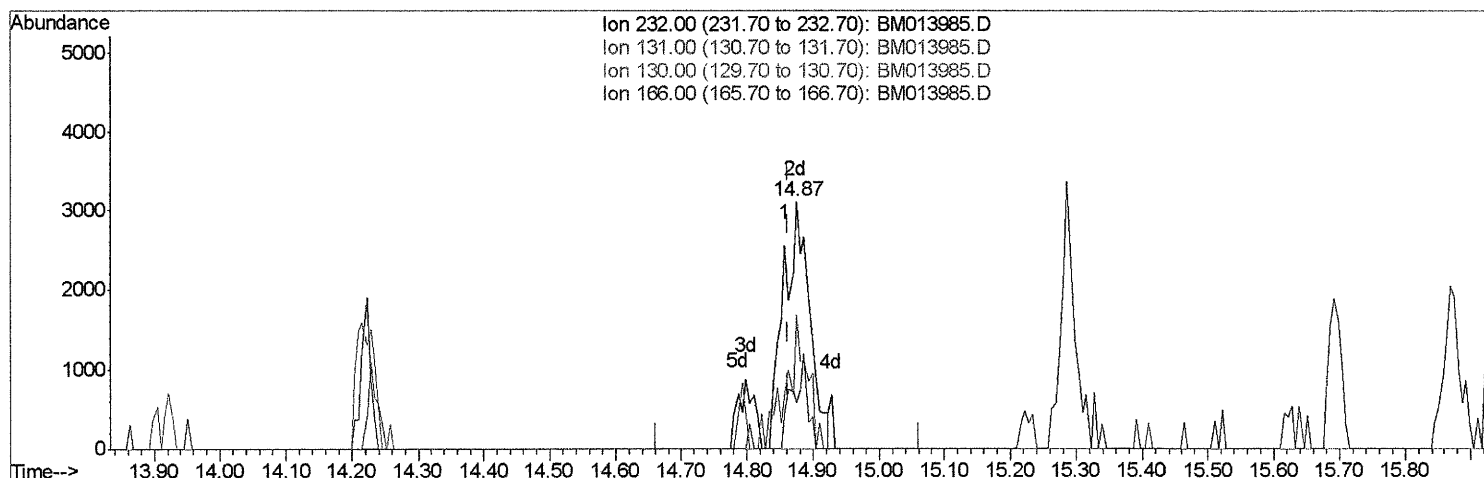
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:58 PM

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TIC: BM013985.D

(55) 2,3,4,6-Tetrachlorophenol

14.874min (+0.012) 1.63ng/ul m > SJ 218118

response 8542

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	54.17#
130.00	2.50	0.00#
166.00	26.80	18.64#

Quantitation Report (Qedit)

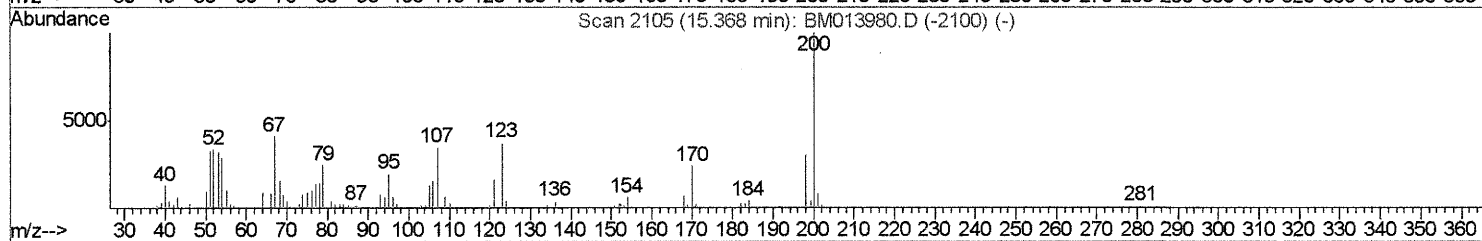
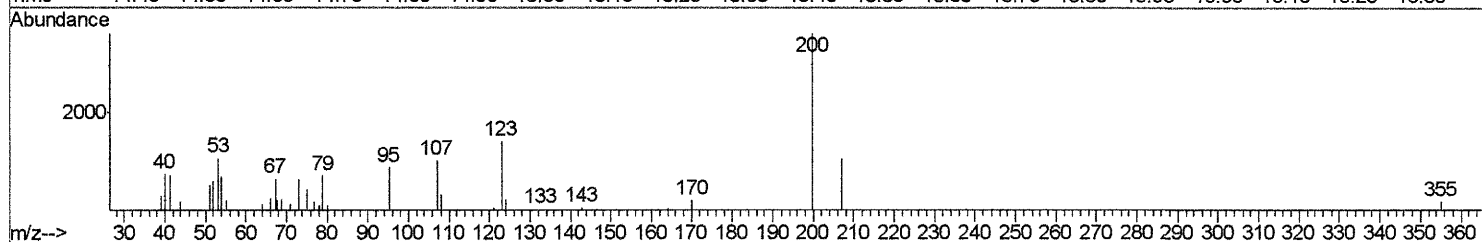
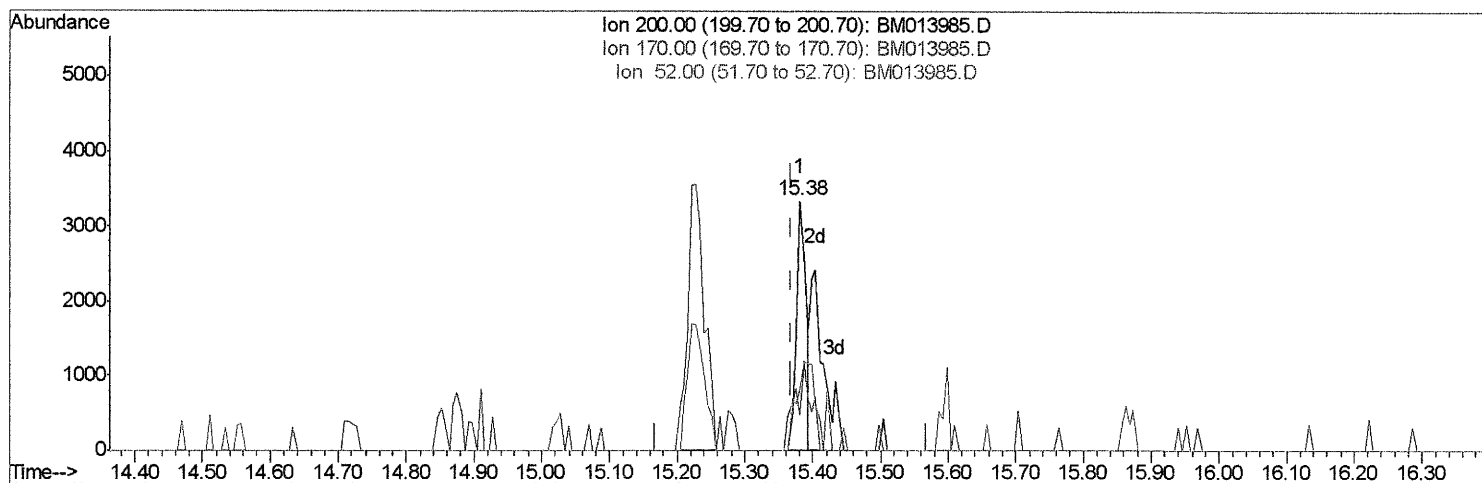
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
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 F6B28DL

Manual Integrations
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TIC: BM013985.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.380min (+0.012) 0.91ng/ul

response 3339

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	14.14#
52.00	49.50	24.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

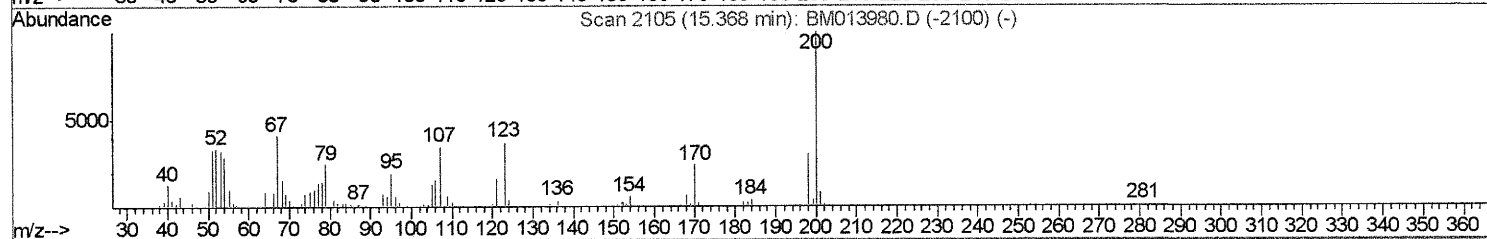
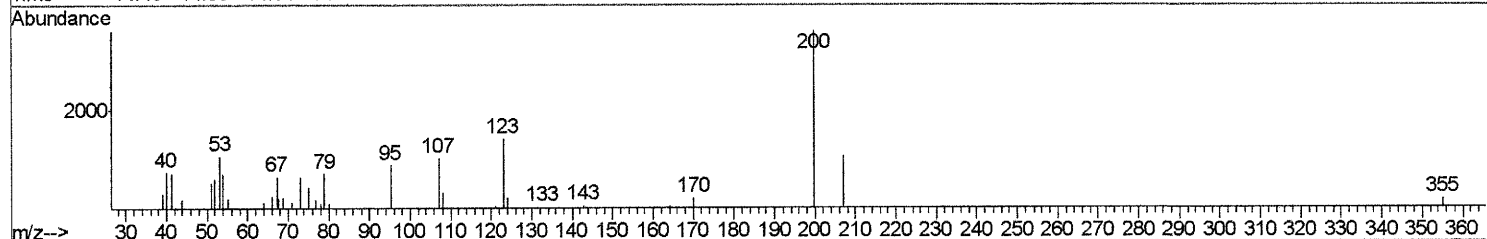
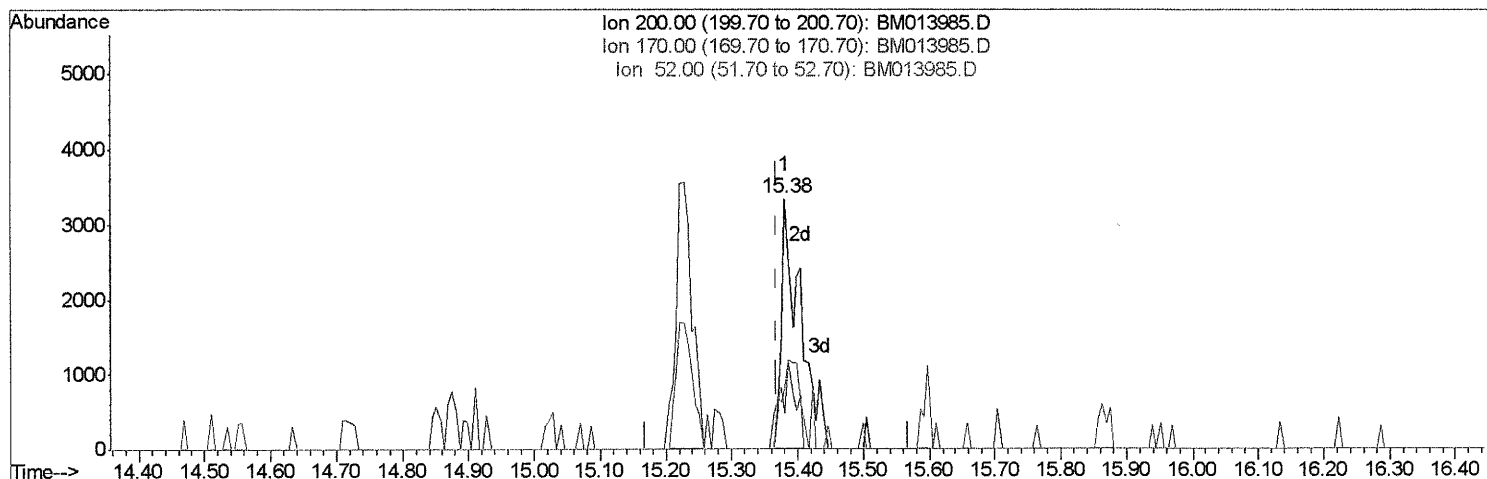
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
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 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Response via : Initial Calibration



TIC: BM013985.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.380min (+0.012) 1.82ng/ul m > SJ 2/8/18

response 6729

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	14.14#
52.00	49.50	24.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

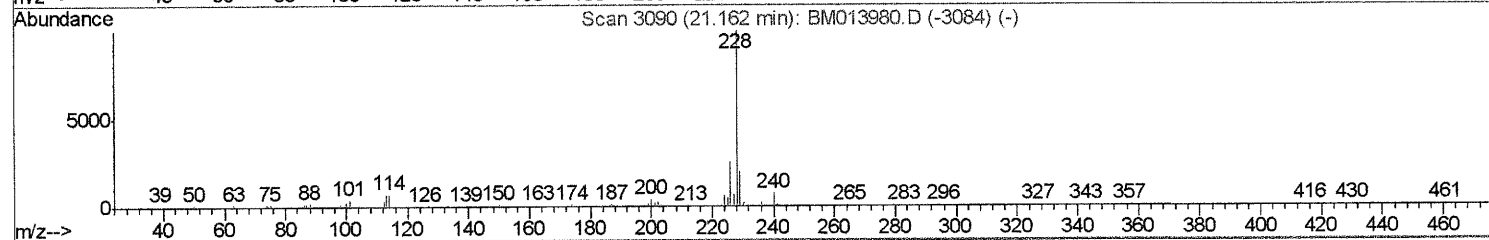
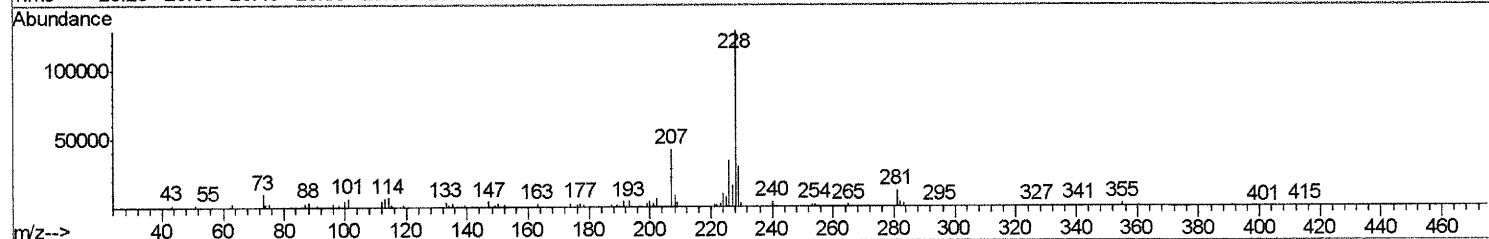
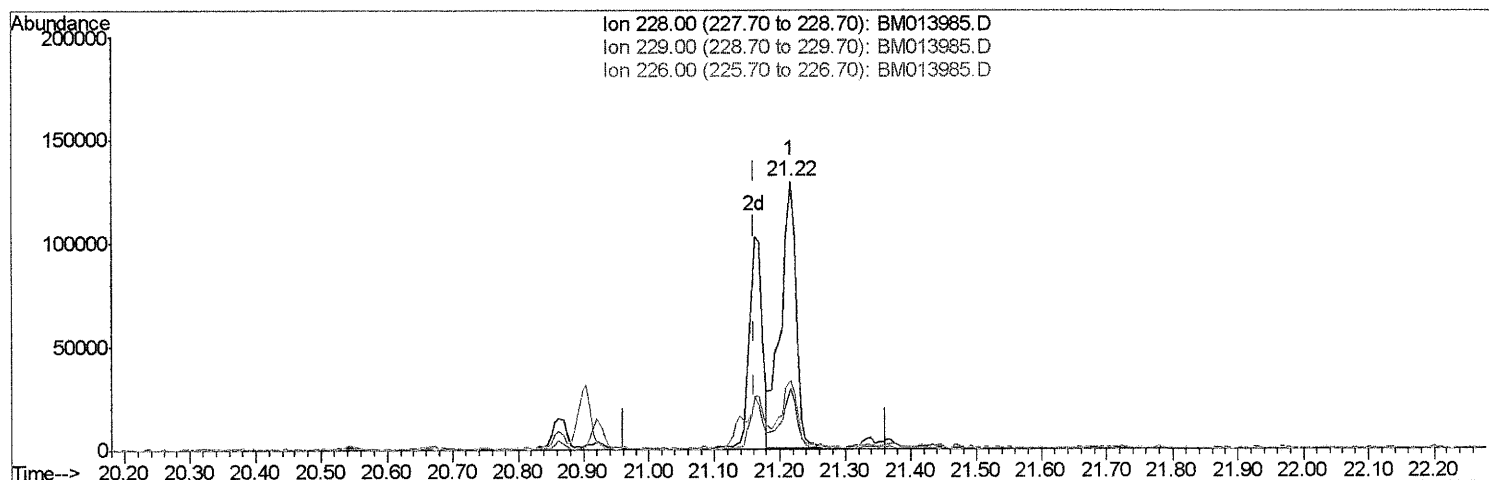
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Manual Integrations
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Quant Time: Jan 30 08:35:07 2018
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TIC: BM013985.D

(80) Benzo(a)anthracene
 21.215min (+0.053) 4.14ng/ul
 response 209960

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	22.84
226.00	26.70	26.11
0.00	0.00	0.00

Quantitation Report (Qedit)

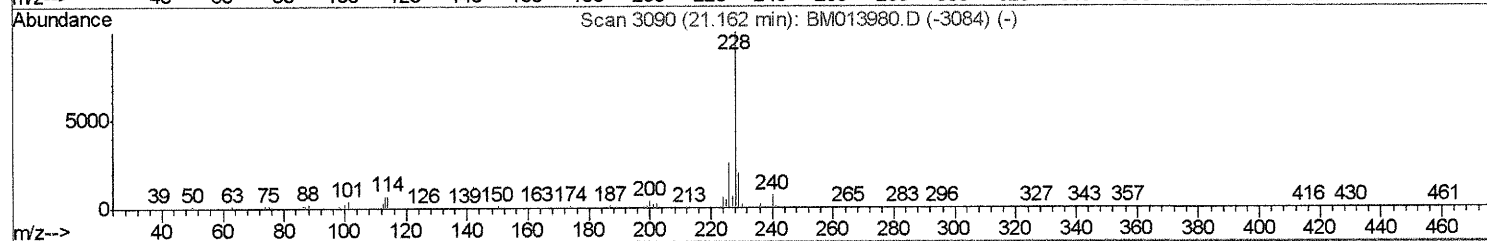
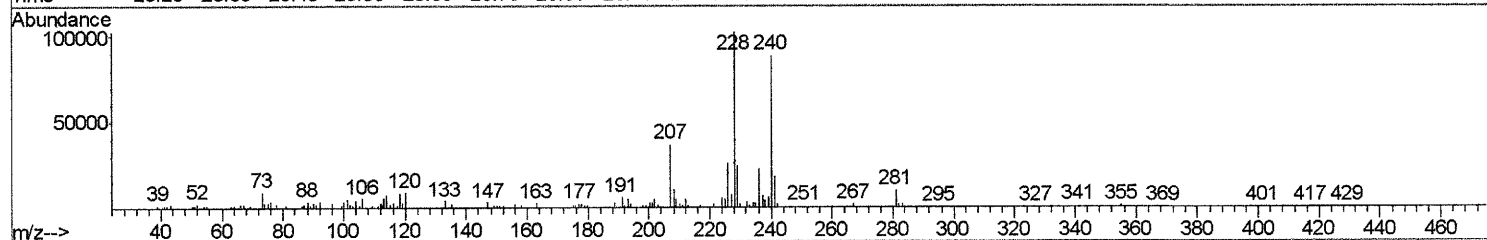
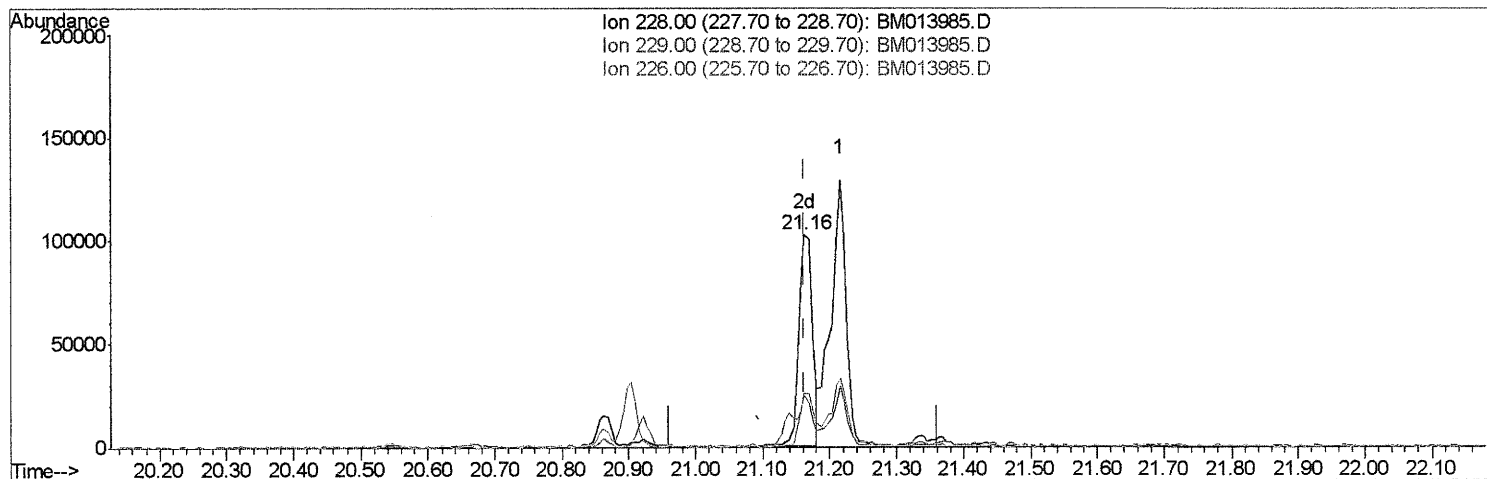
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013985.D
Acq On : 30 Jan 2018 07:28
Operator : SJ/JU
Sample : J1243-05DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B28DL

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:35:07 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



TIC: BM013985.D

(80) Benzo(a)anthracene

21.162min (+0.000) 2.82ng/ul m) SJ 2/8/18

response 143177

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	24.41#
226.00	26.70	25.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013985.D
 Acq On : 30 Jan 2018 07:28
 Operator : SJ/JU
 Sample : J1243-05DL 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F6B28DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:58 PM

Quant Time: Jan 30 08:36:49 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	106530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	413770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	250389	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	612817	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	839397	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	846780	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1253	0.46	ng/uL	0.00
5) Phenol-d5	6.76	99	17955m	2.20	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.92	67	10480	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	15544	2.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	13800m	2.20	ng/ul	0.03
19) Nitrobenzene-d5	8.74	128	4976	1.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	7158	2.11	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	14936m	2.28	ng/ul	0.04
29) 4-Chloroaniline-d4	10.55	131	9066m	1.59	ng/ul	0.05
43) Dimethylphthalate-d6	13.65	166	64171	3.11	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	76965	2.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1723	0.51	ng/ul	0.05
57) Fluorene-d10	15.23	176	58074	3.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	6729m	1.82	ng/ul	0.01
70) Anthracene-d10	17.07	188	93476	3.13	ng/ul	0.00
76) Pyrene-d10	19.38	212	124531	3.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	129885	3.34	ng/ul	0.00

SD 2/8/18

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Target Compounds

				Ovalue	
44) Dimethylphthalate	13.70	163	25786	1.271	ng/ul# 95
55) 2,3,4,6-Tetrachlorophenol	14.87	232	8542m	1.625	ng/ul
68) Pentachlorophenol	16.63	266	171271	41.369	ng/ul 98
69) Phenanthrene	17.02	178	206279	6.056	ng/ul 97
74) Fluoranthene	19.04	202	924669	22.741	ng/ul 97
77) Pyrene	19.41	202	771756	15.124	ng/ul 98
80) Benzo(a)anthracene	21.16	228	143177m	2.823	ng/ul
82) Chrysene	21.22	228	211766	4.551	ng/ul 93
85) Benzo(b)fluoranthene	22.72	252	169183	3.253	ng/ul# 99
88) Benzo(a)pyrene	23.26	252	61092	1.244	ng/ul# 95

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SD 2/8/18

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