

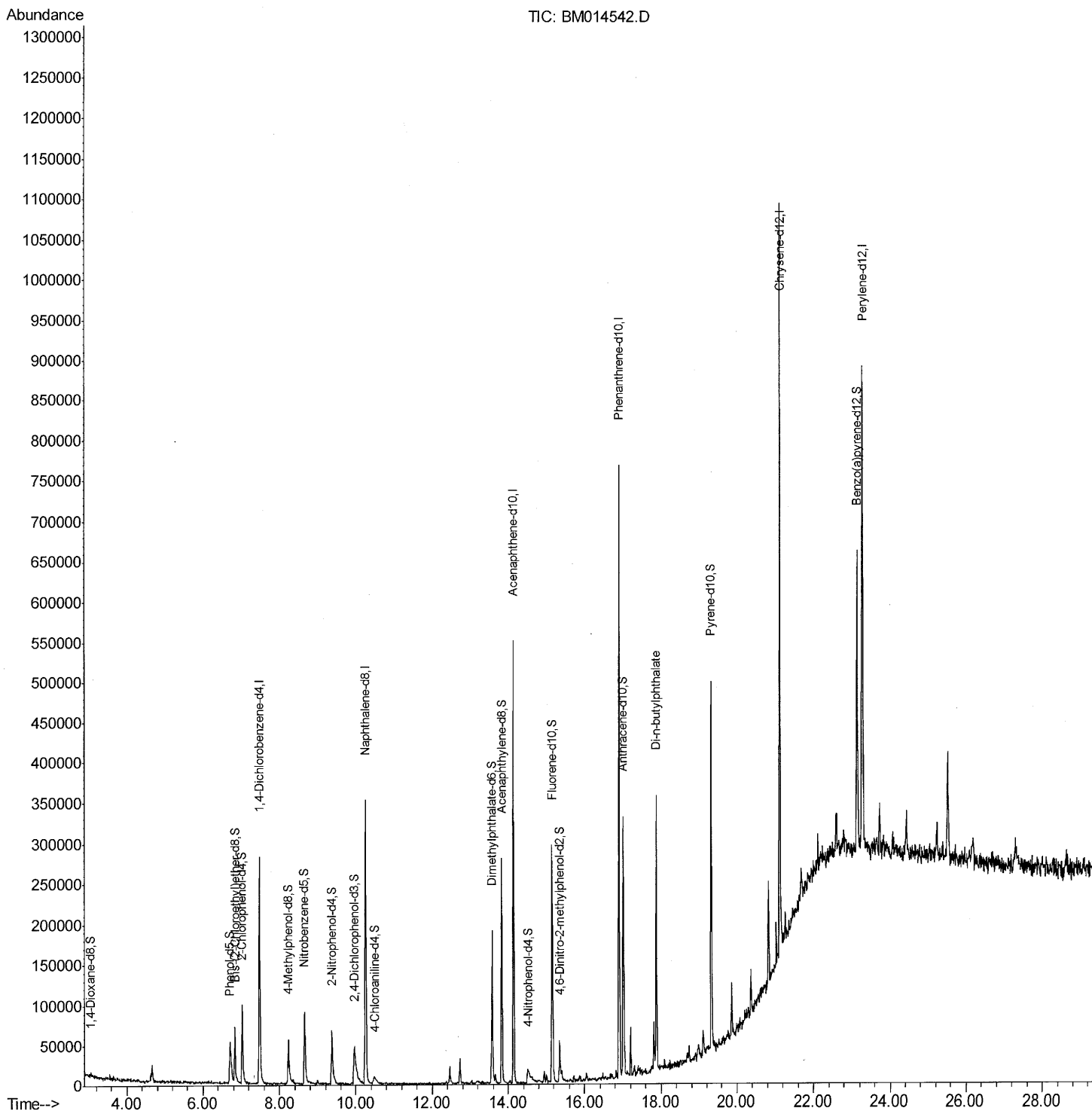
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

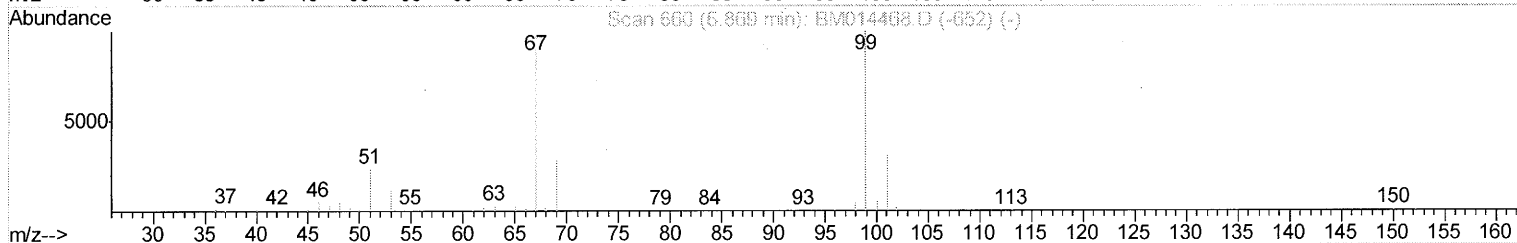
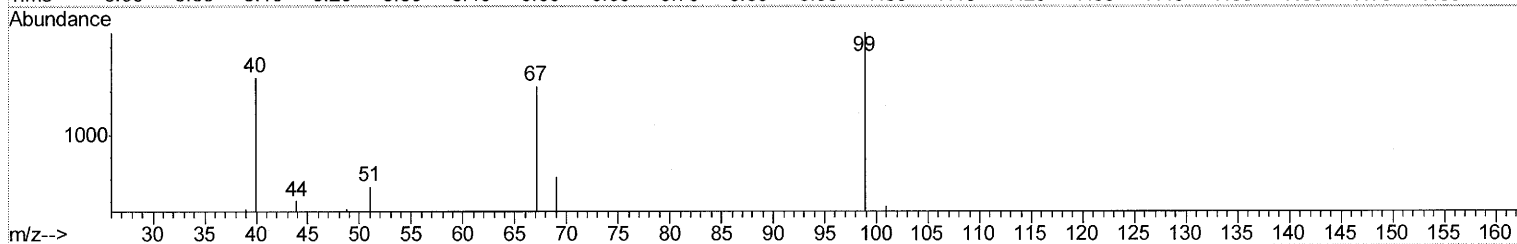
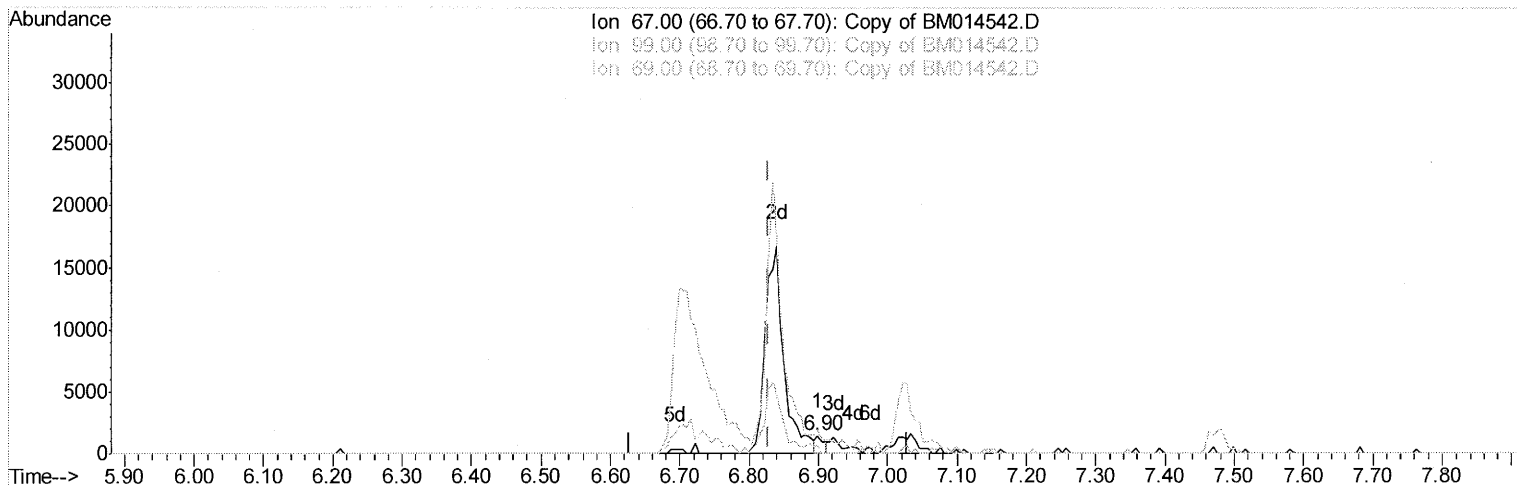
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : Copy of BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 02:08:18 2018
 Response via : Initial Calibration



TIC: Copy of BM014542.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.898min (+0.071) 0.36ng/ul

response 1129

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	133.54
69.00	36.30	43.55
0.00	0.00	0.00

Quantitation Report (Qedit)

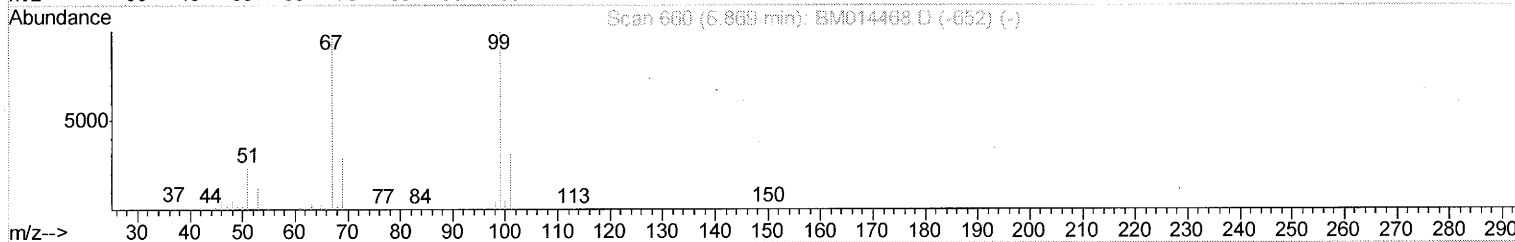
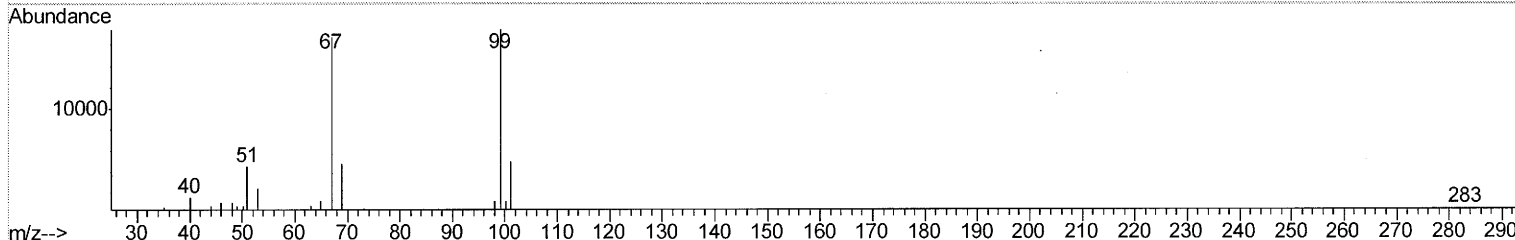
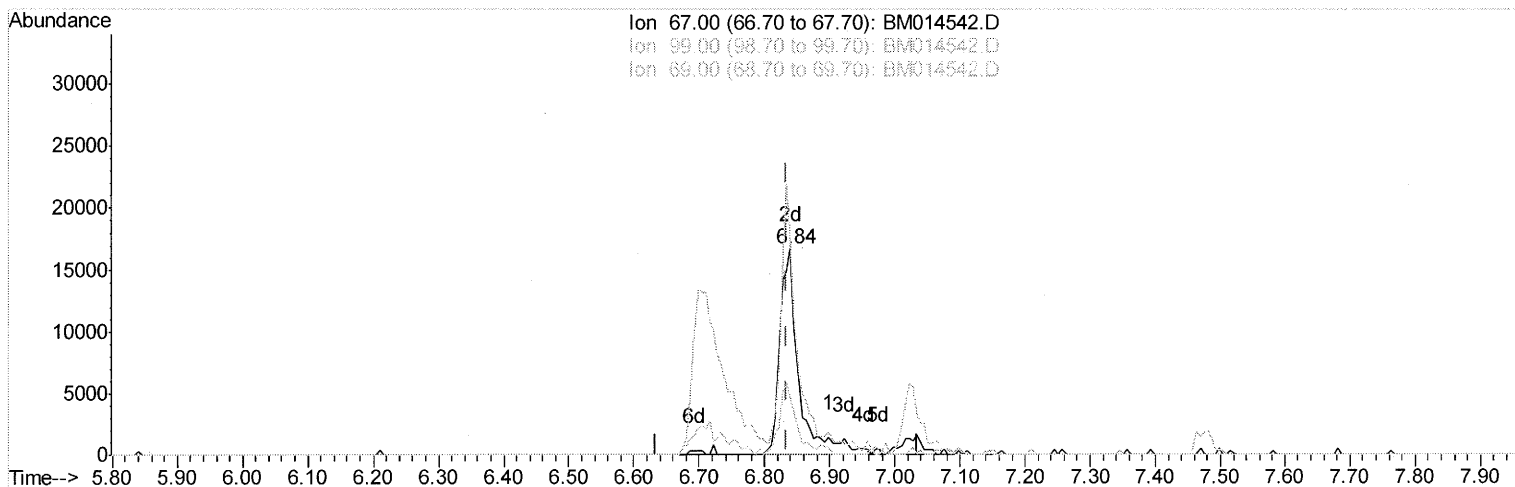
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014542.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.840min (+0.006) 10.74ng/ul m

SJ 3/14/18

response 33979

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	104.45
69.00	36.30	28.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

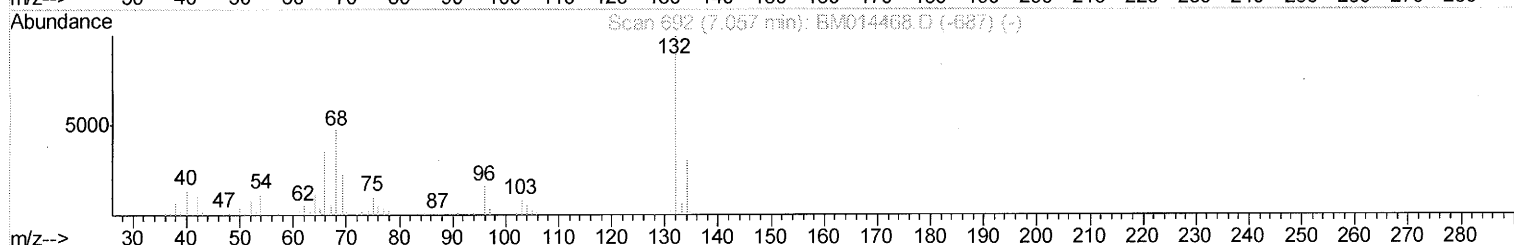
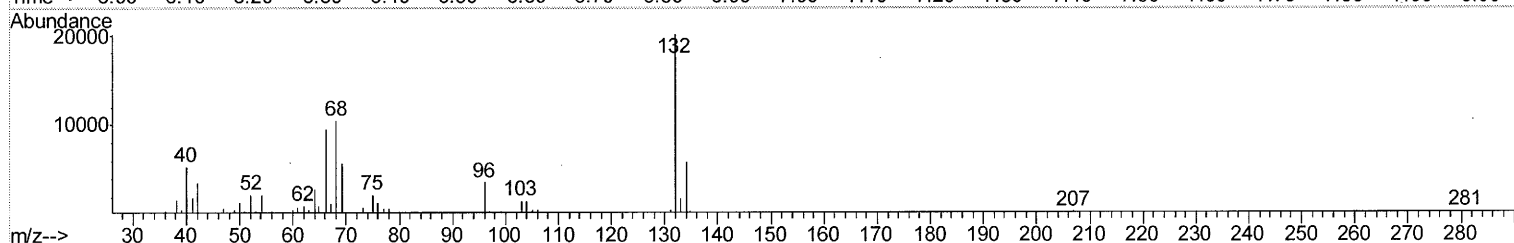
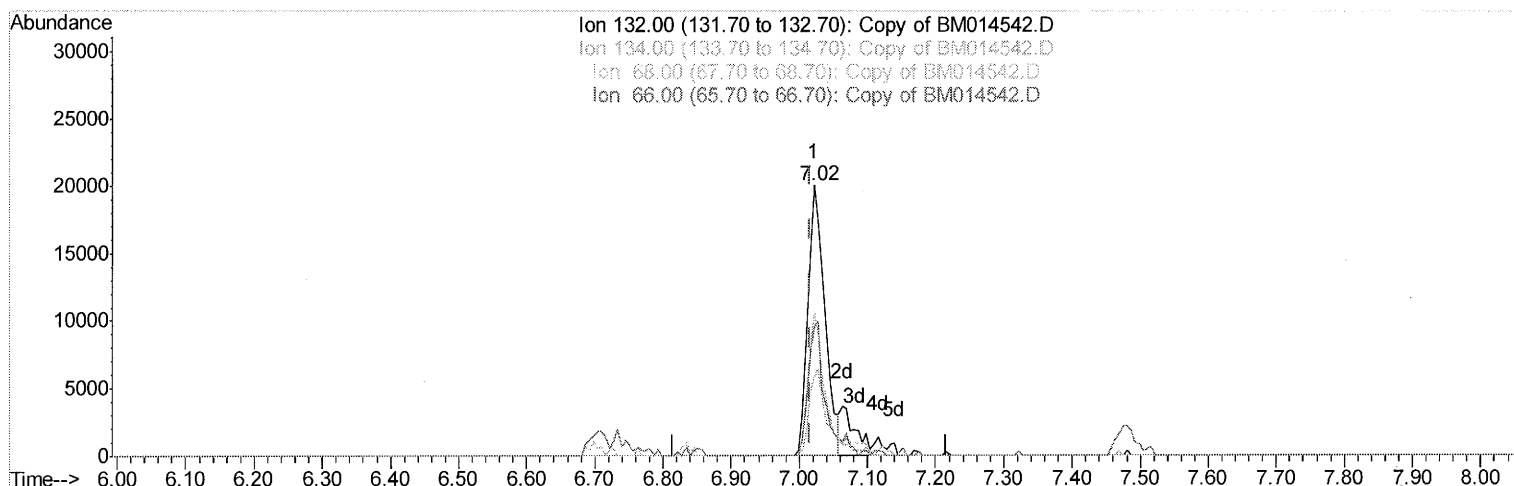
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : Copy of BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
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TIC: Copy of BM014542.D

(9) 2-Chlorophenol-d4 (S)

7.022min (+0.006) 8.66ng/ul

response 34722

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	28.92
68.00	51.20	52.29
66.00	41.70	47.52

Quantitation Report (Qedit)

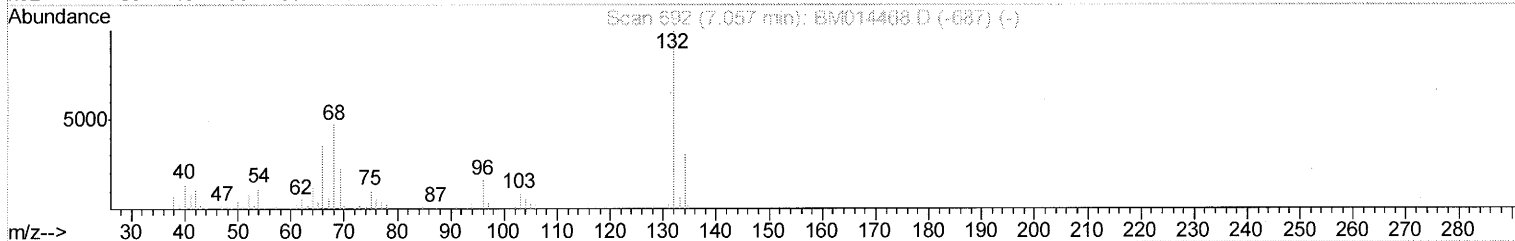
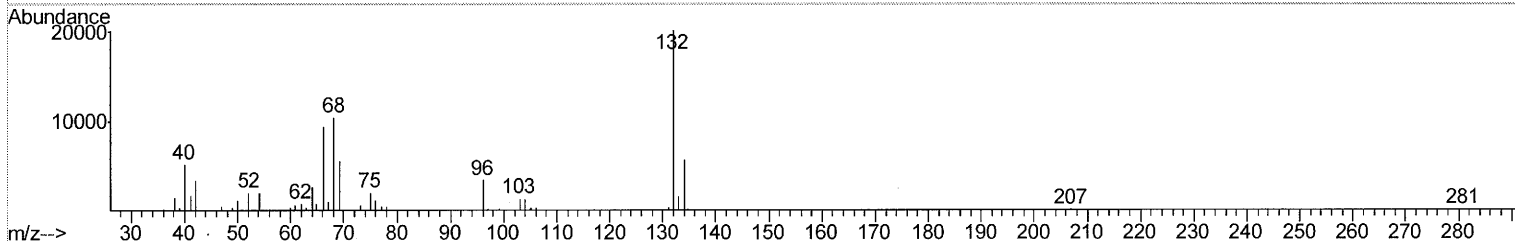
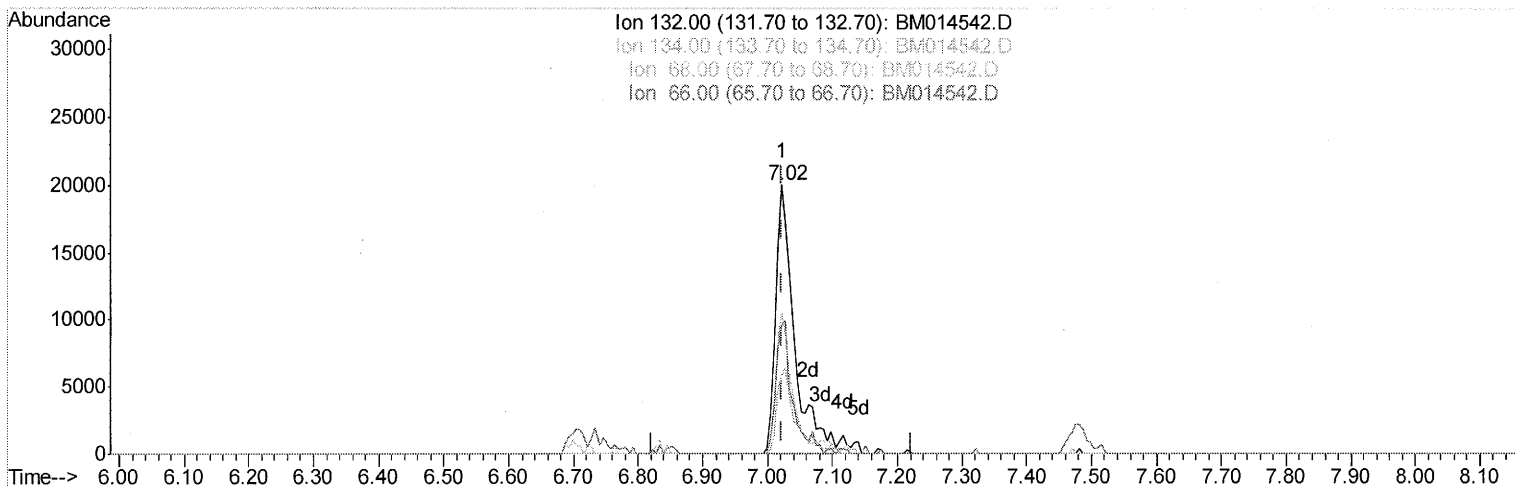
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014542.D

(9) 2-Chlorophenol-d4 (S)

7.022min (-0.000) 10.54ng/ul m

SJ 3/14/18

response 42258

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	28.92
68.00	51.20	52.29
66.00	41.70	47.52

Quantitation Report (Qedit)

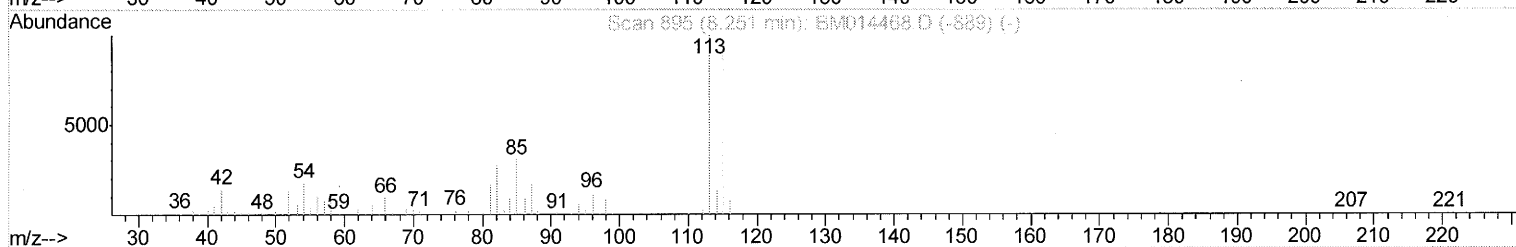
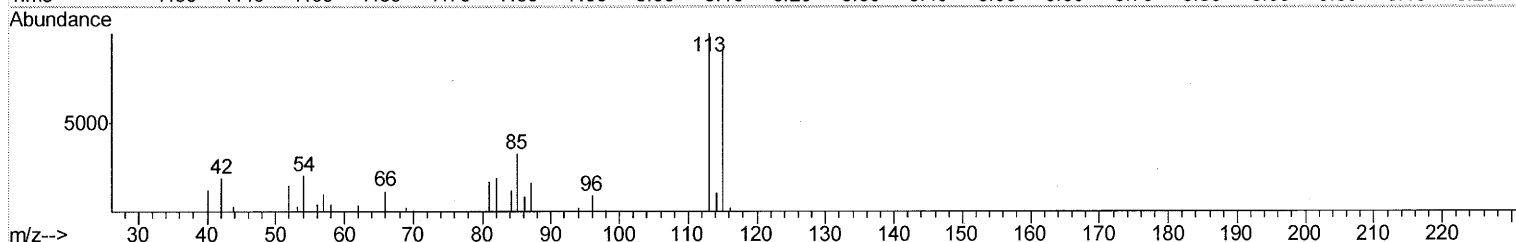
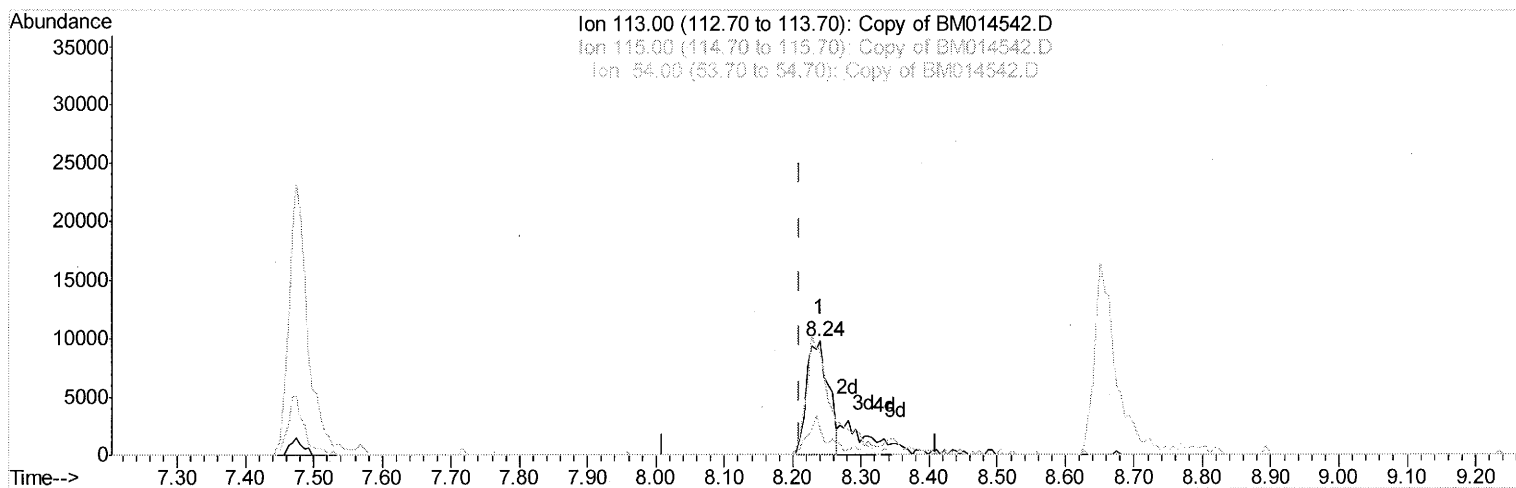
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : Copy of BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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TIC: Copy of BM014542.D

(13) 4-Methylphenol-d8 (S)

8.239min (+0.029) 4.69ng/ul

response 21446

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	90.15
54.00	18.90	22.31
0.00	0.00	0.00

Quantitation Report (Qedit)

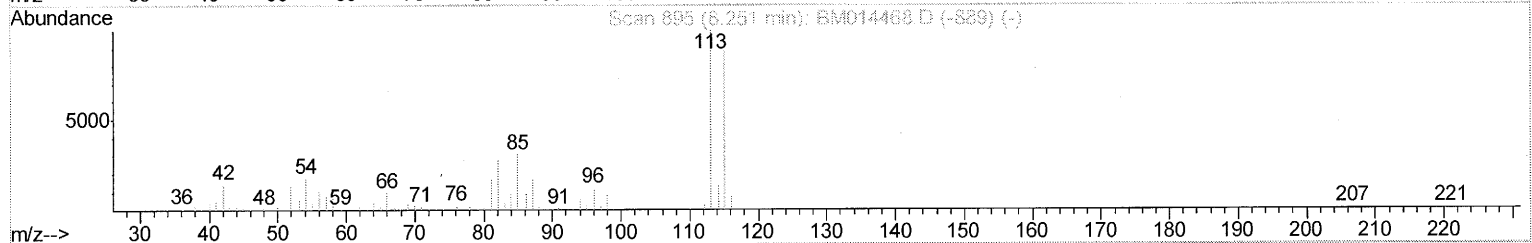
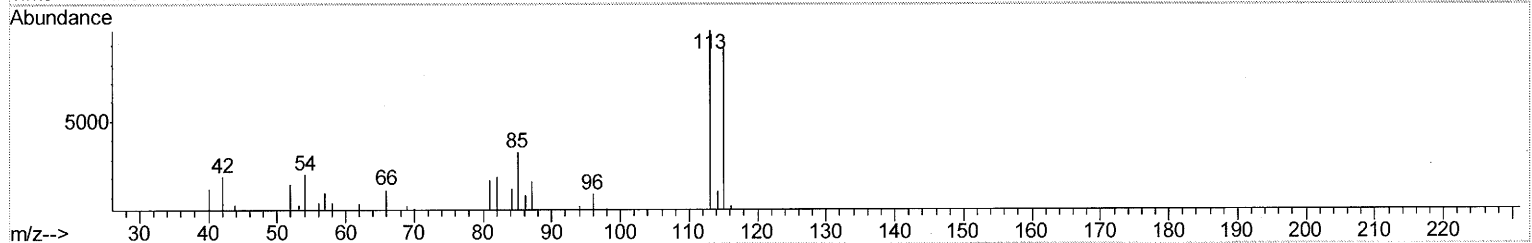
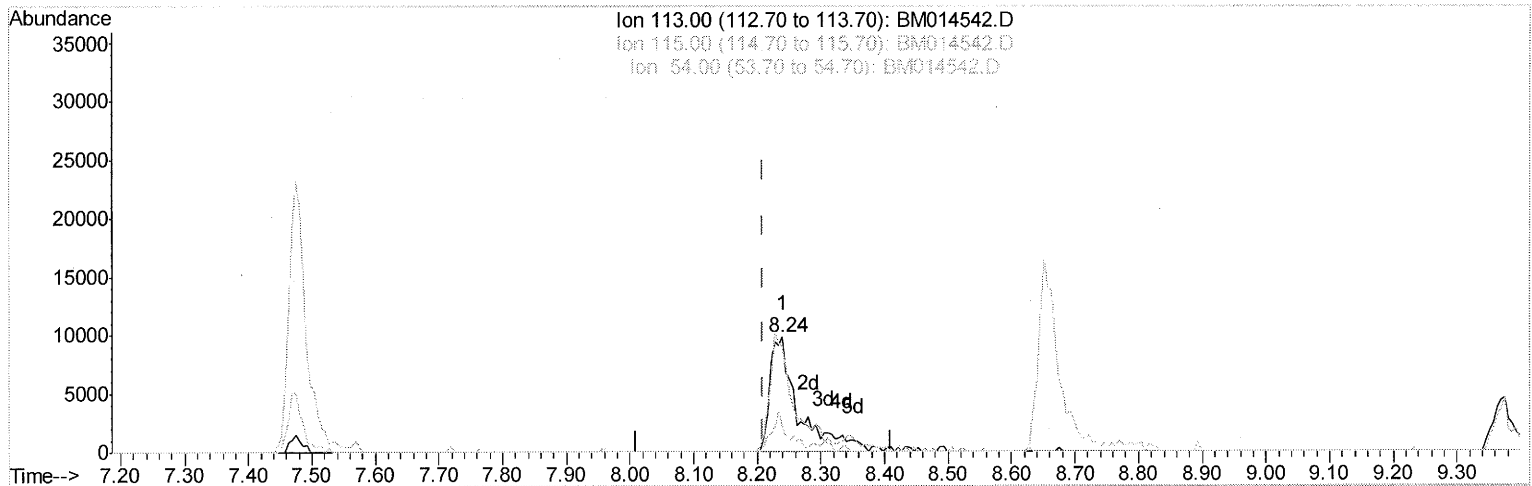
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



TIC: BM014542.D

(13) 4-Methylphenol-d8 (S)

8.239min (+0.029) 6.76ng/ul m

SJ 3/14/18

response 30924

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	90.15
54.00	18.90	22.31
0.00	0.00	0.00

Quantitation Report (Qedit)

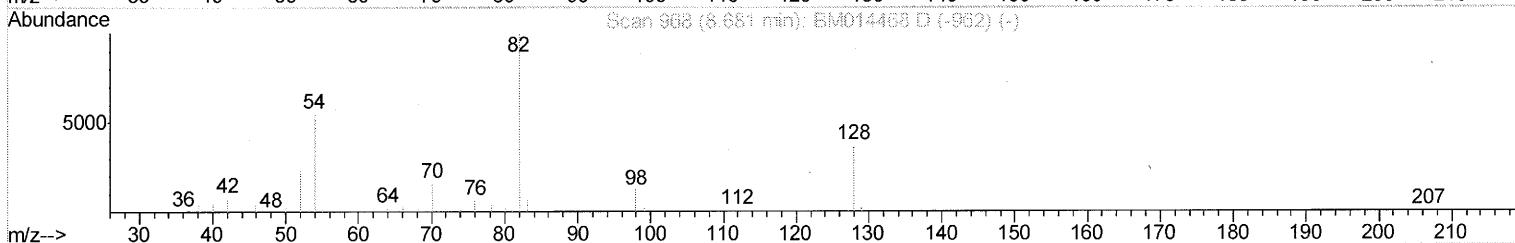
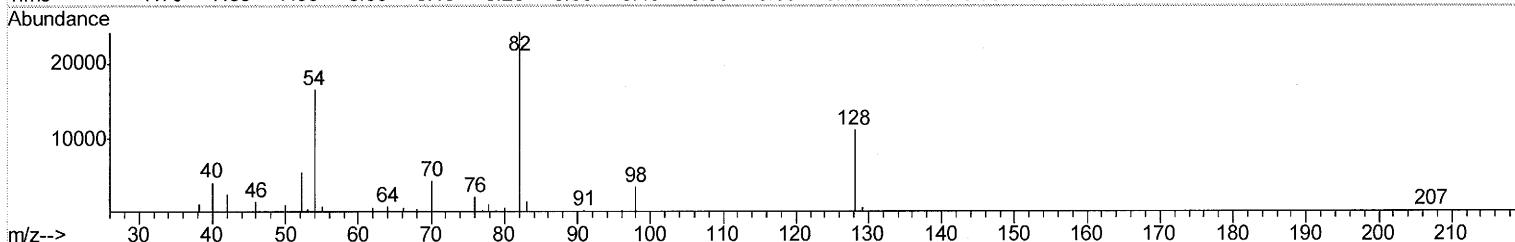
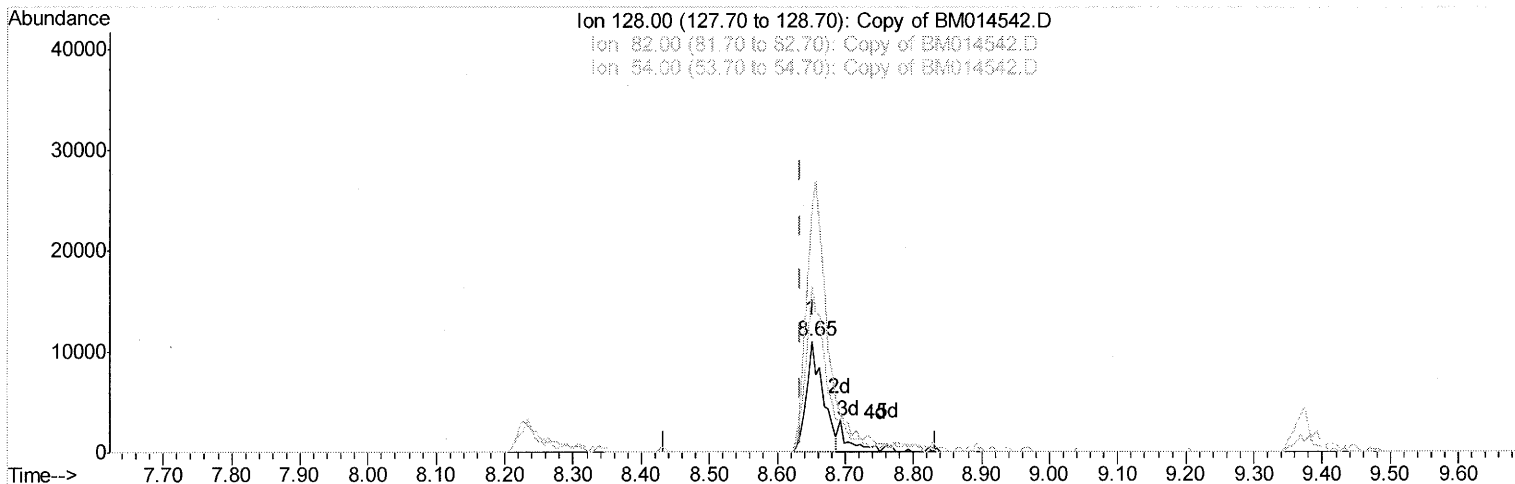
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : Copy of BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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TIC: Copy of BM014542.D

(19) Nitrobenzene-d5 (S)

8.651min (+0.018) 9.27ng/ul

response 18693

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	218.96#
54.00	142.70	149.36
0.00	0.00	0.00

Quantitation Report (Qedit)

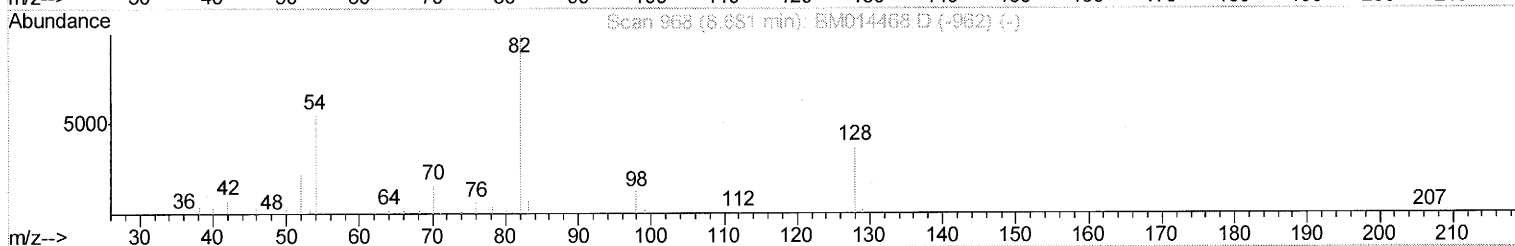
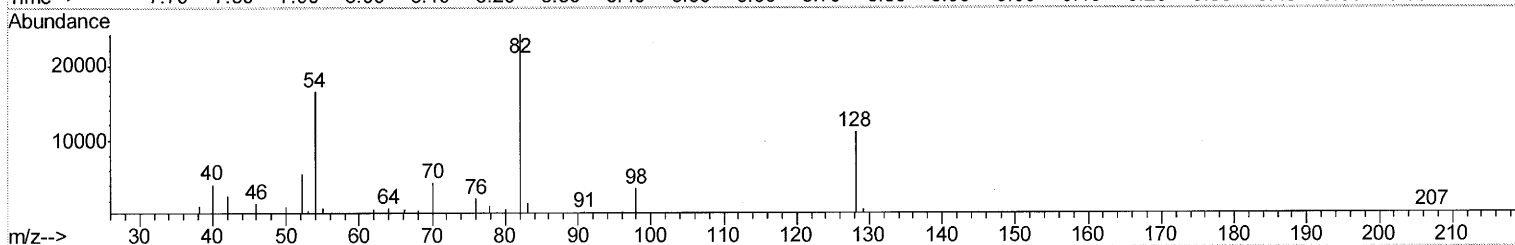
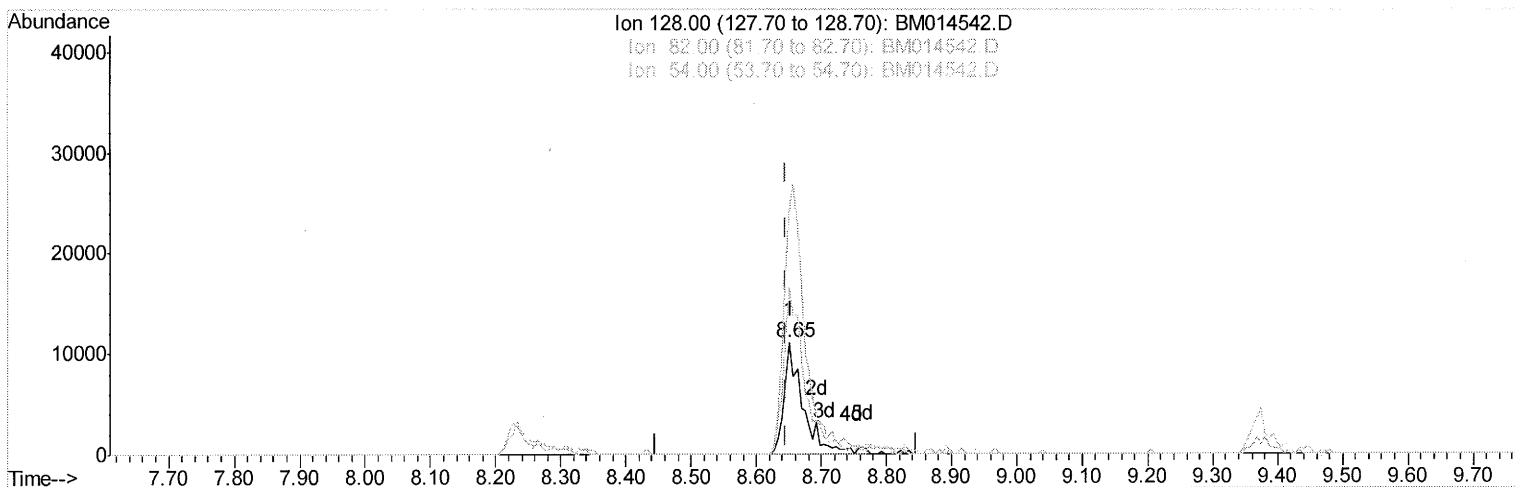
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



TIC: BM014542.D

(19) Nitrobenzene-d5 (S)

8.651min (+0.006) 11.19ng/ul m

51 3/14/18

response 22569

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	218.96#
54.00	142.70	149.36
0.00	0.00	0.00

Quantitation Report (Qedit)

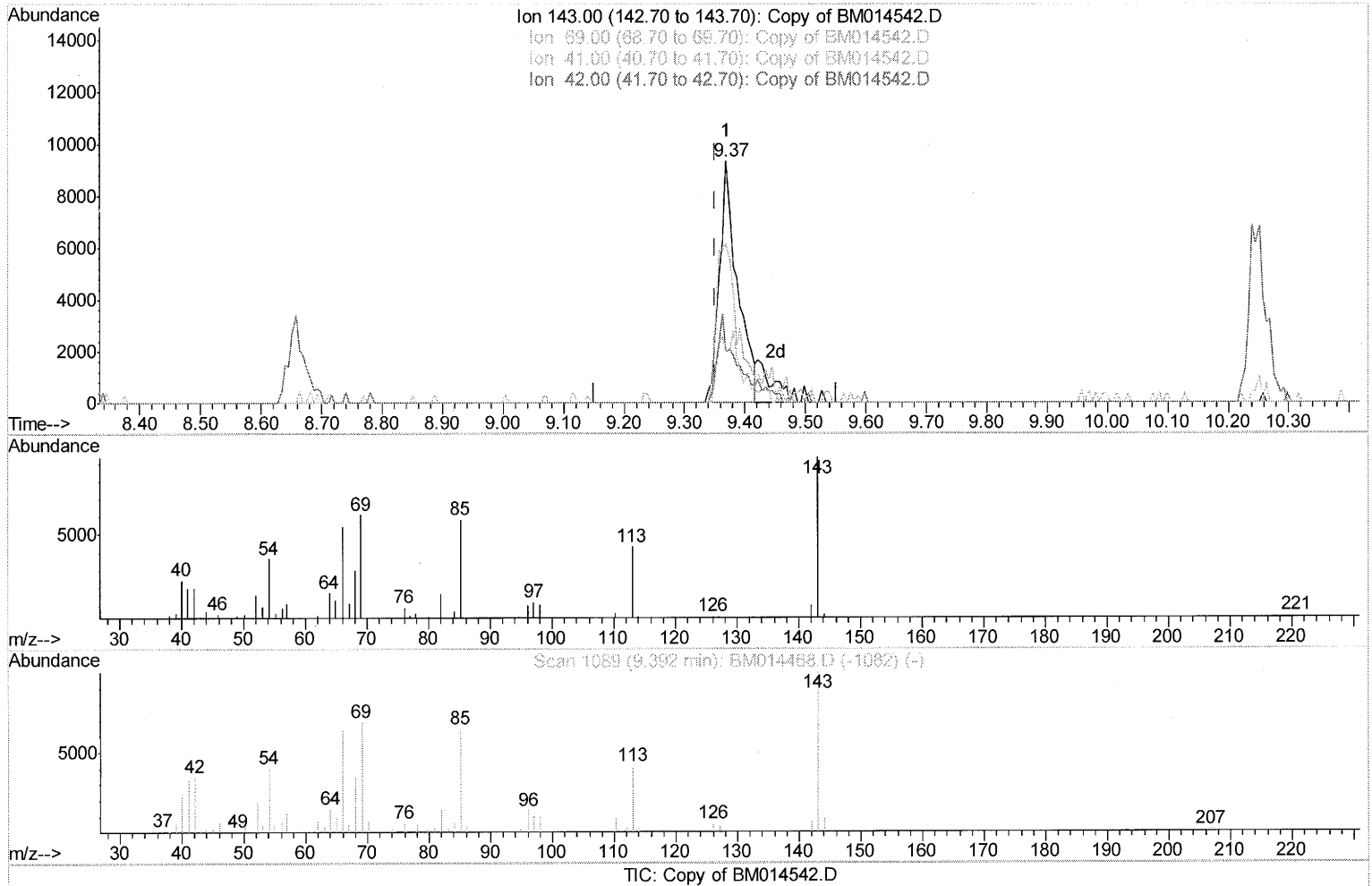
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : Copy of BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

9.369min (+0.018) 9.39ng/ul

response 19608

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	65.31
41.00	23.80	21.42
42.00	24.30	21.45

Quantitation Report (Qedit)

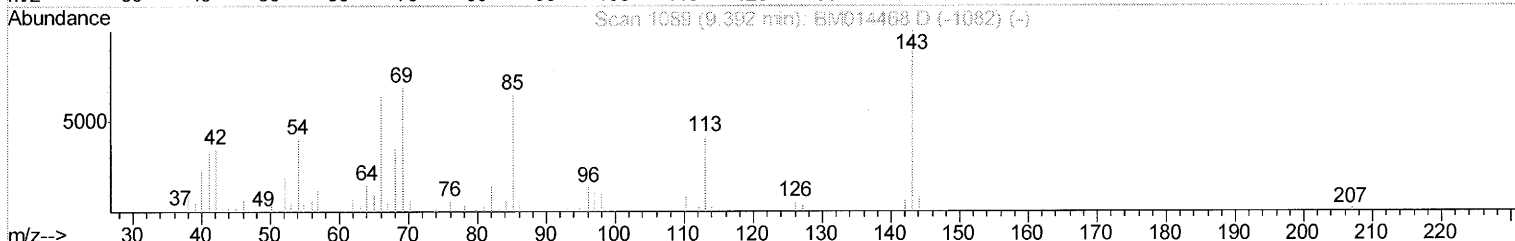
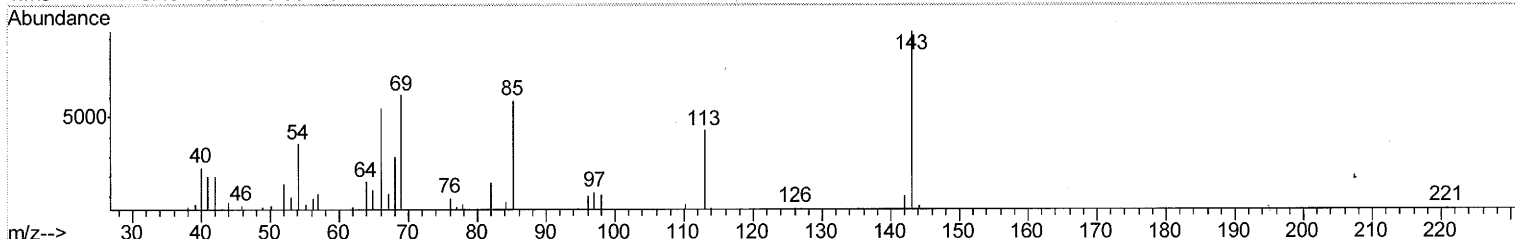
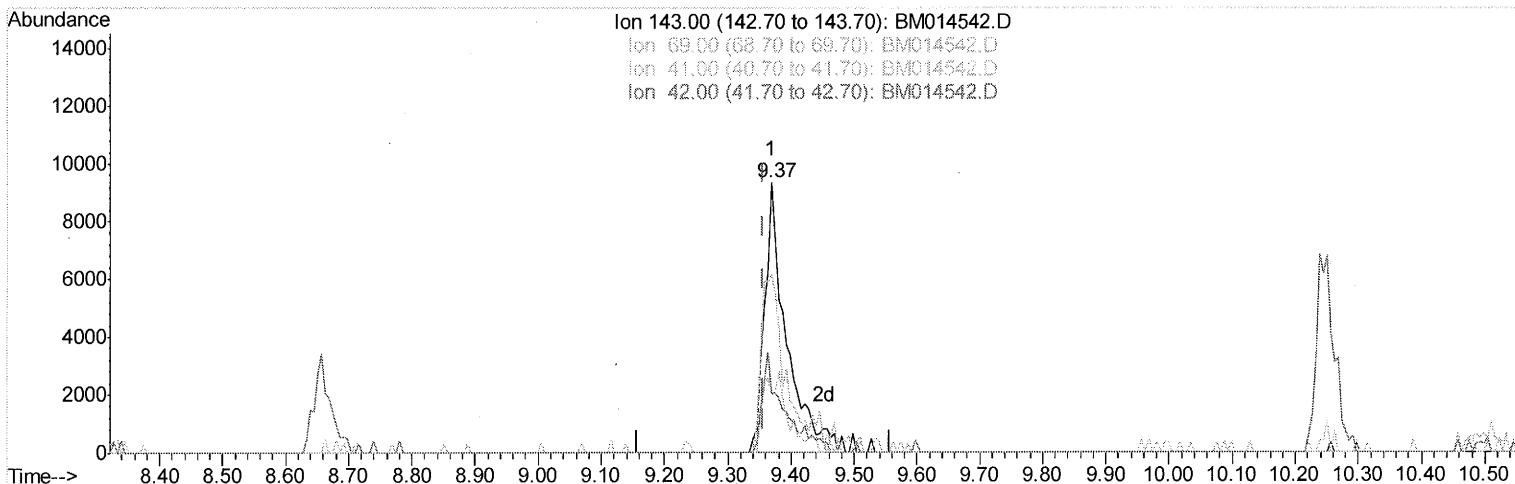
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration



TIC: BM014542.D

(22) 2-Nitrophenol-d4 (S)

9.369min (+0.012) 11.05ng/ul m SJ 3/14/18

response 23076

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	65.31
41.00	23.80	21.42
42.00	24.30	21.45

Quantitation Report (Qedit)

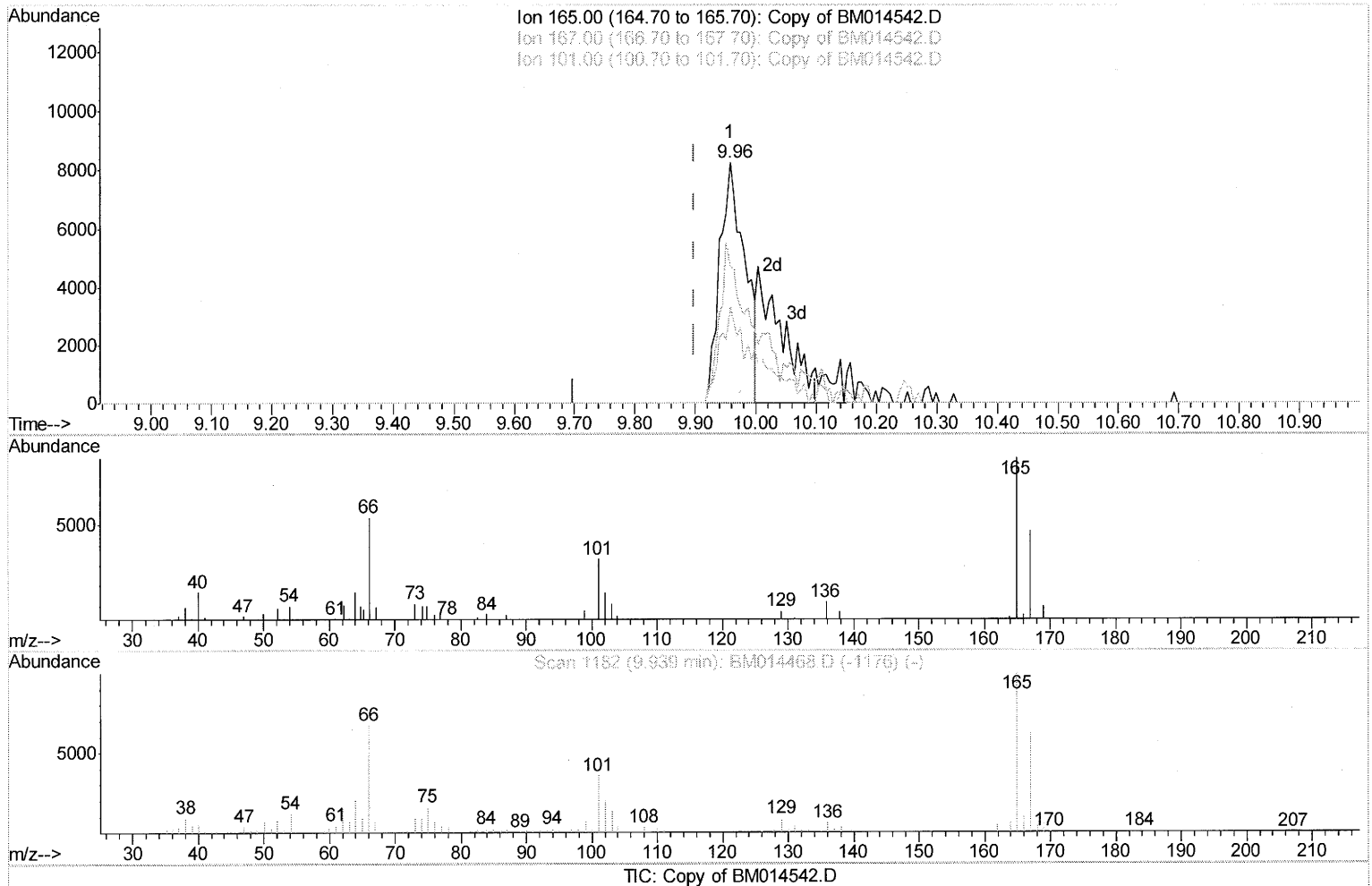
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : Copy of BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
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(26) 2,4-Dichlorophenol-d3 (S)

9.957min (+0.059) 5.50ng/ul

response 23804

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	56.49
101.00	29.30	39.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

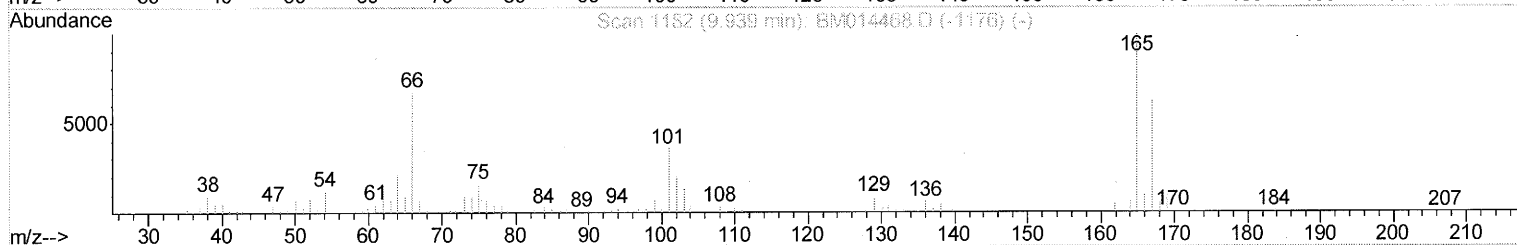
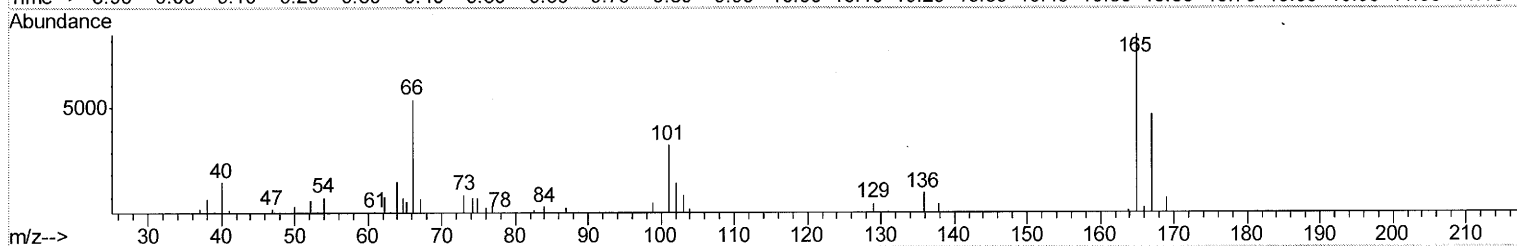
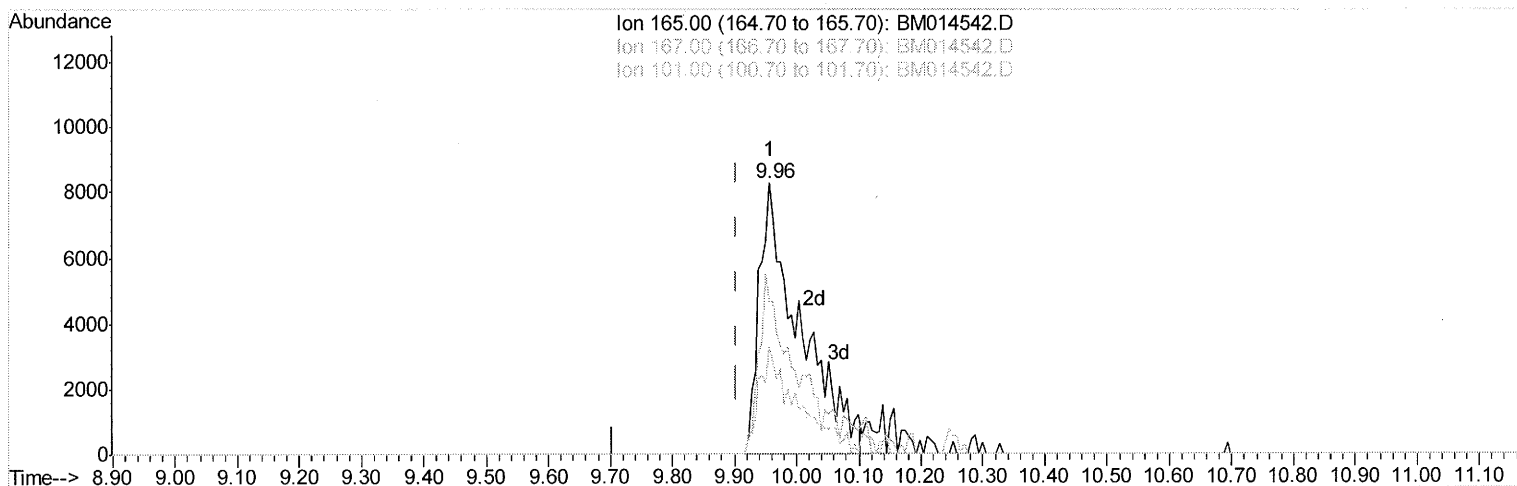
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



TIC: BM014542.D

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

9.957min (+0.053) 9.38ng/ul m

SJ 3/14/18

response 40584

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	56.49
101.00	29.30	39.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

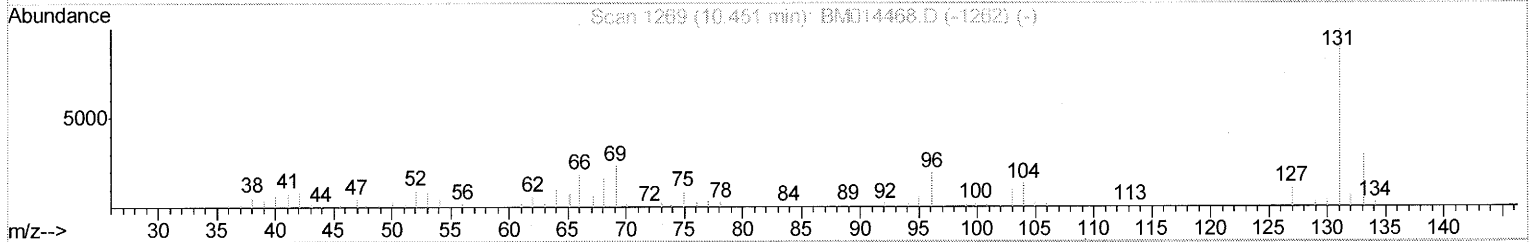
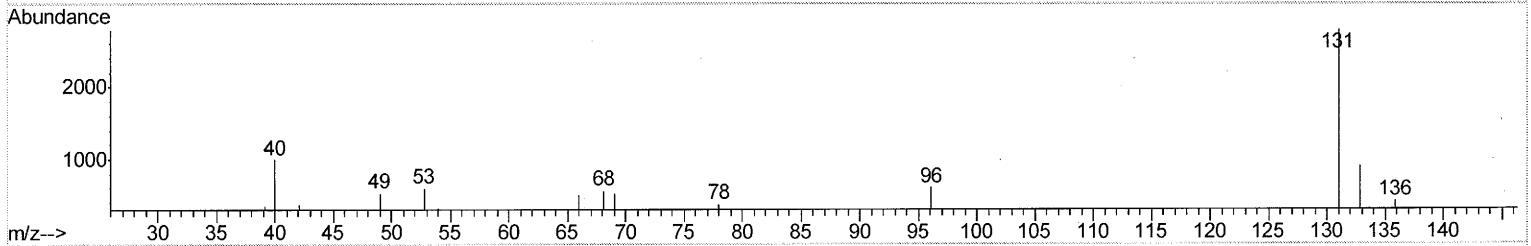
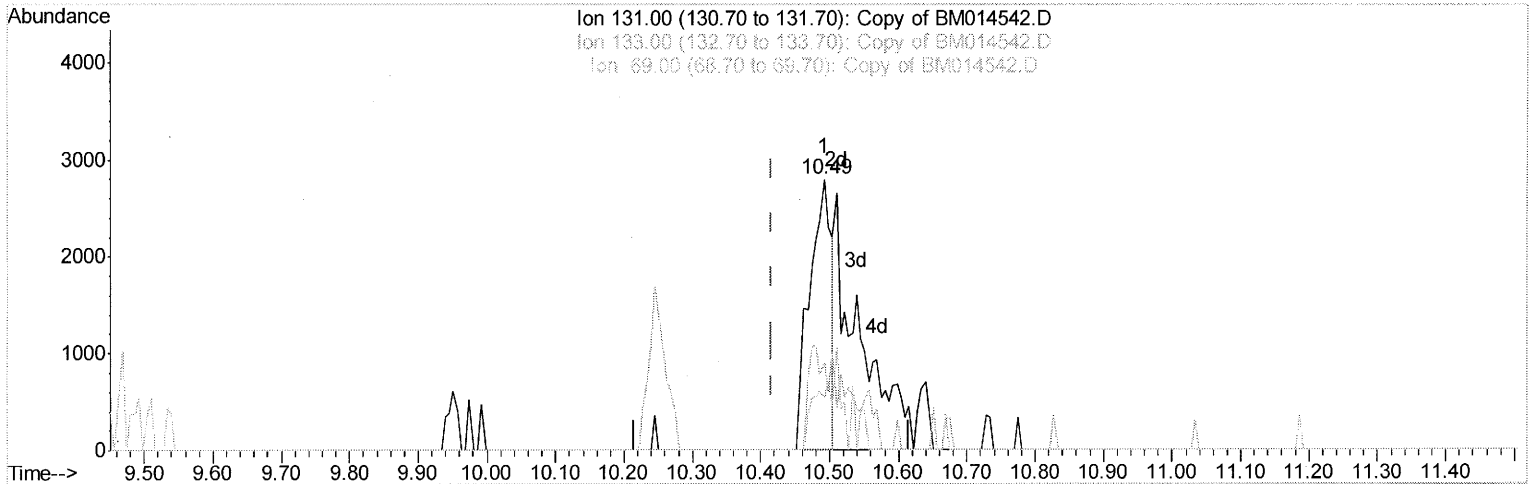
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : Copy of BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: Copy of BM014542.D

(29) 4-Chloroaniline-d4 (S)

10.492min (+0.076) 1.43ng/ul

response 6103

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	32.10
69.00	24.30	18.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

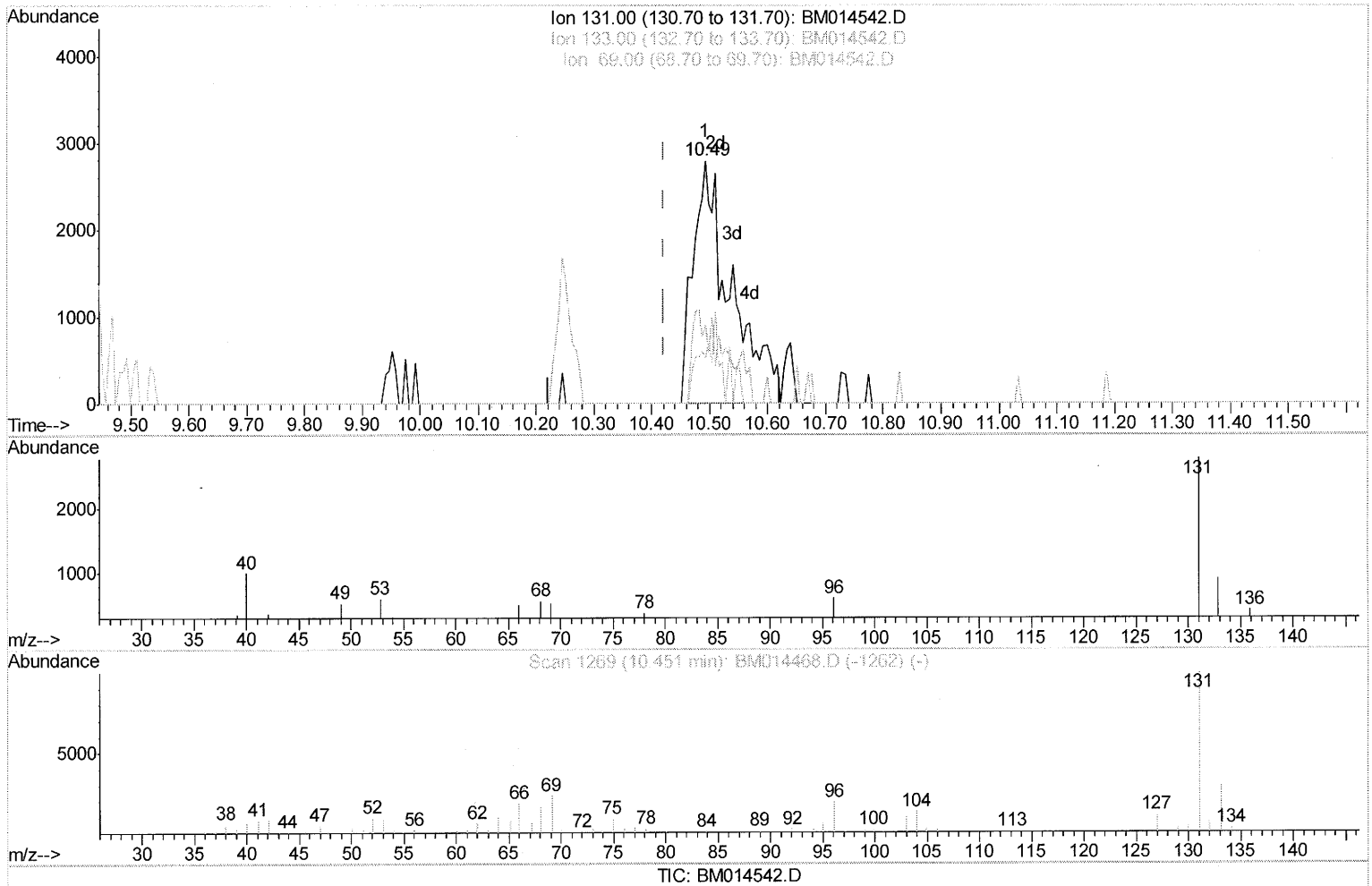
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.492min (+0.070) 2.94ng/ul m

SS 3/14/18

response 12522

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	32.10
69.00	24.30	18.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

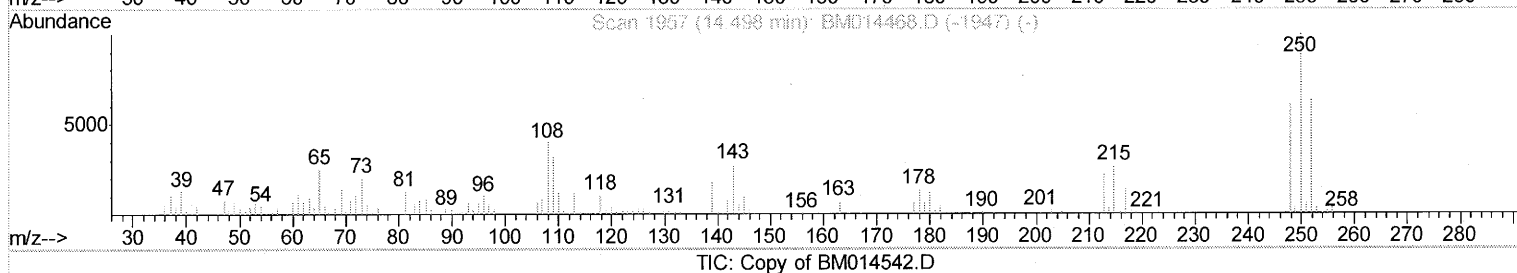
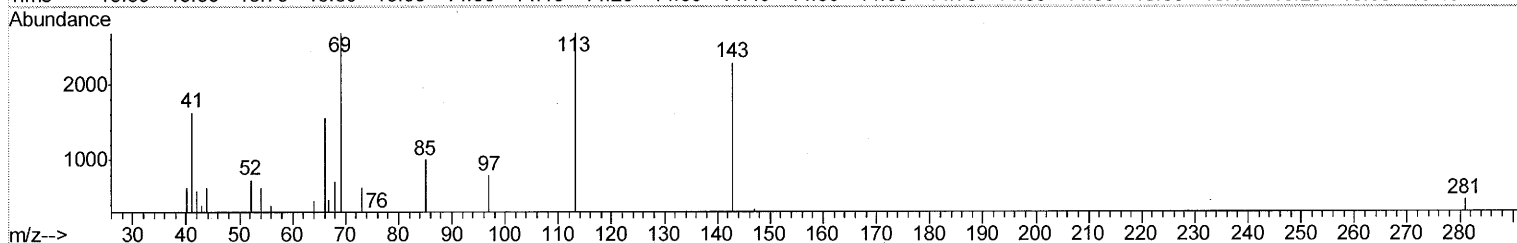
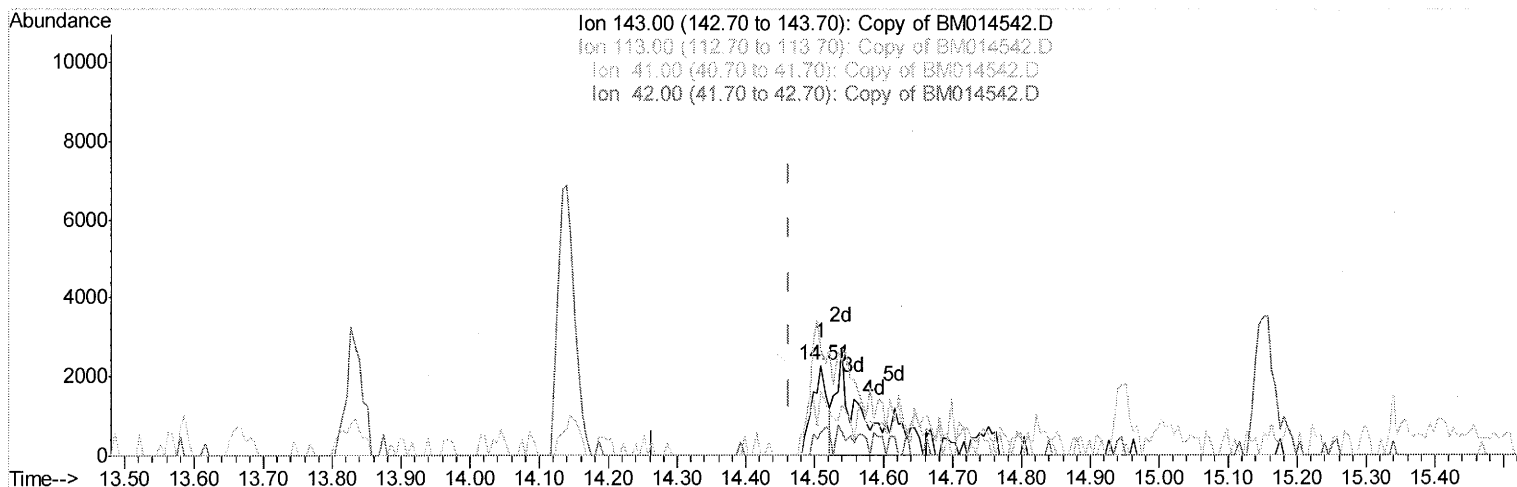
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : Copy of BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 14 17:07:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 02:08:18 2018
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.510min (+0.047) 1.79ng/ul

response 3423

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	117.74
41.00	34.80	71.65#
42.00	20.50	25.57#

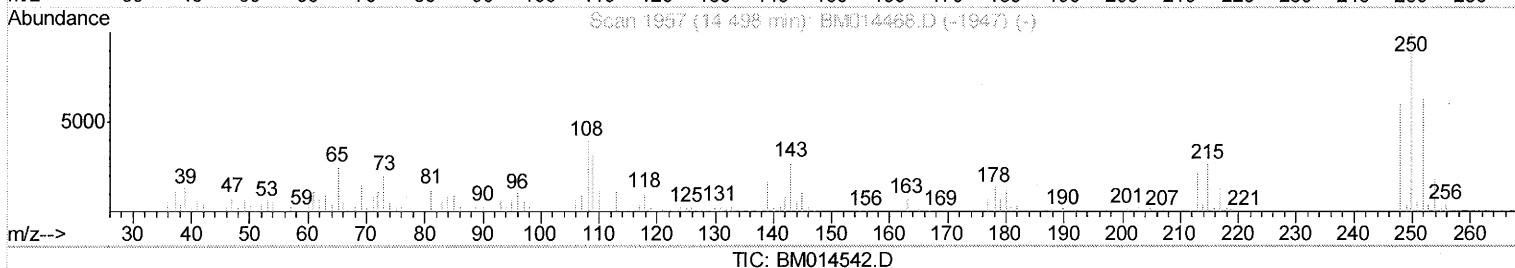
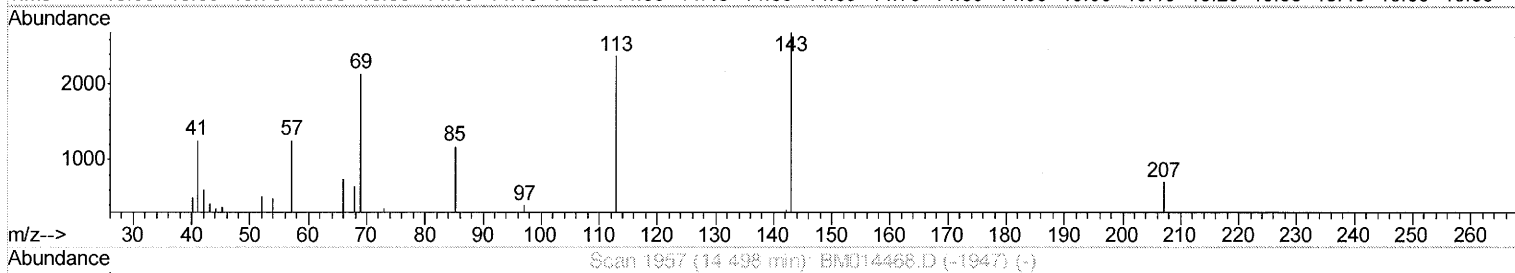
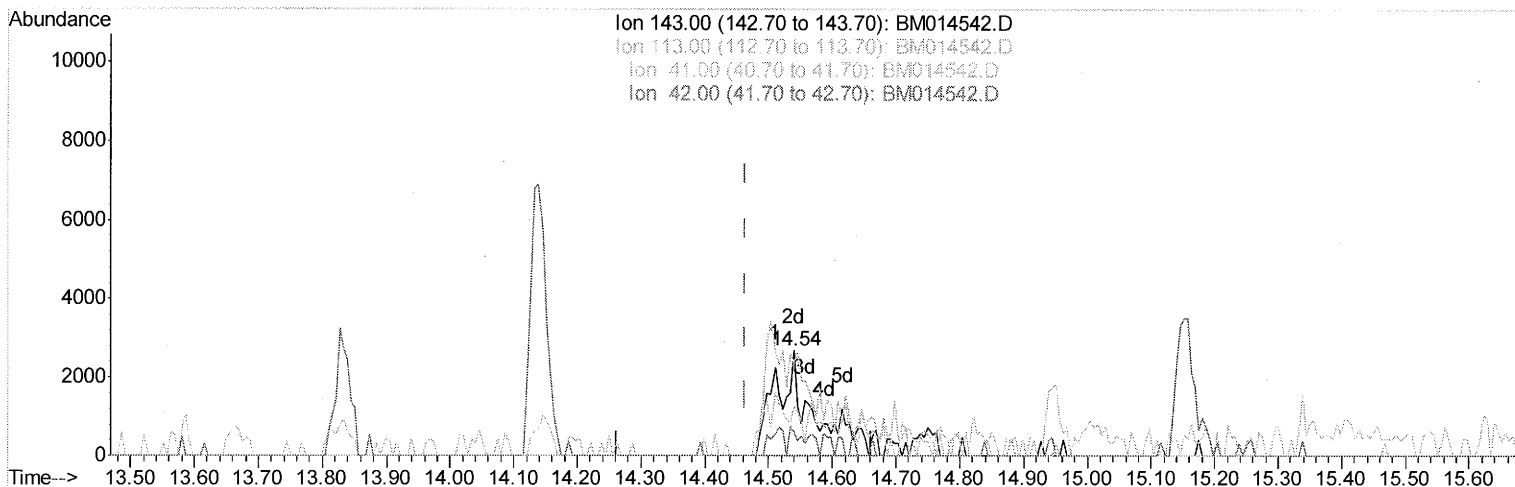
Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
Data File : BM014542.D
Acq On : 13 Mar 2018 11:56
Operator : SJ/JU
Sample : J1835-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6F05

Manual Integrations
APPROVED

Sohil
3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 13 02:49:59 2018
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.539min (+0.076) 6.04ng/ul m

SJ 3/14/18

response 11520

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	88.18#
41.00	34.80	46.79#
42.00	20.50	22.33

Data Path : Z:\HPCHEM1\BNA M\Data\BM031318\
 Data File : BM014542.D
 Acq On : 13 Mar 2018 11:56
 Operator : SJ/JU
 Sample : J1835-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F05

Manual Integrations
 APPROVED

Sohil
 3/14/2018 1:35:32 PM

Quant Time: Mar 13 16:20:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	61860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	273014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	167403	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	383414	20.00	ng/ul	0.00
75) Chrysene-d12	21.13	240	434967	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	420572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1626	1.13	ng/uL	0.00
5) Phenol-d5	6.70	99	41431	7.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.84	67	33979m	10.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	42258m	10.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	30924m	6.76	ng/ul	0.03
19) Nitrobenzene-d5	8.65	128	22569m	11.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	23076m	11.05	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	40584m	9.38	ng/ul	0.05
29) 4-Chloroaniline-d4	10.49	131	12522m	2.94	ng/ul	0.07
43) Dimethylphthalate-d6	13.57	166	135651	9.81	ng/ul	0.01
46) Acenaphthylene-d8	13.83	160	175505	10.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	11520m	6.04	ng/ul	0.08
57) Fluorene-d10	15.15	176	129672	10.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	12174	5.29	ng/ul	0.02
70) Anthracene-d10	17.01	188	186713	10.09	ng/ul	0.00
76) Pyrene-d10	19.32	212	218705	9.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.16	264	207554	10.14	ng/ul	0.00

} SJ 3/14/18

SJ 3/14/18

Target Compounds				Ovalue
73) Di-n-butylphthalate	17.88	149	203862	8.459 ng/ul# 97

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