

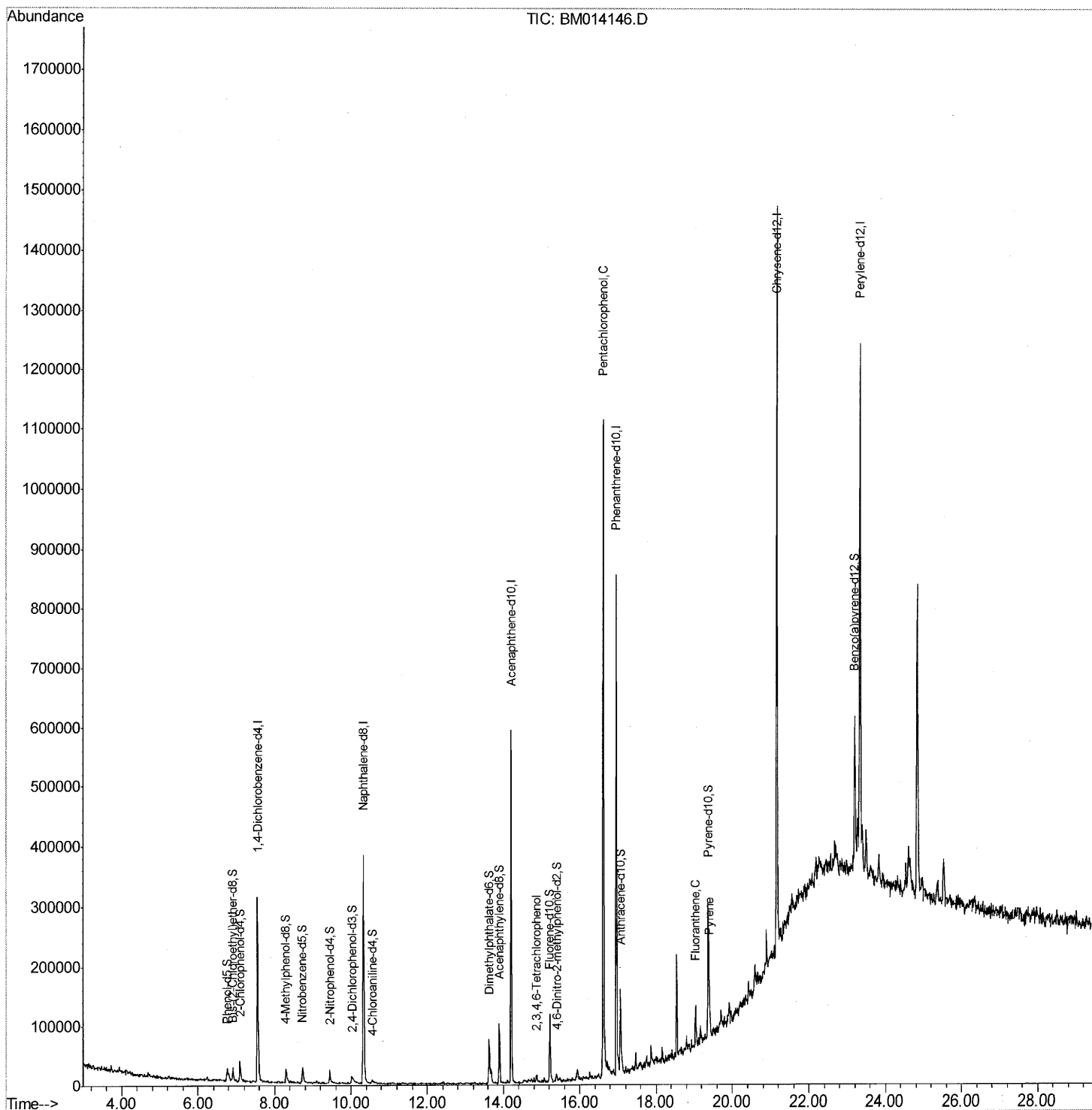
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
Data File : BM014146.D
Acq On : 03 Feb 2018 10:40
Operator : SJ/JU
Sample : J1317-15DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6D09DL

Manual Integrations
APPROVED

Sohil
2/5/2018 3:58:06 PM

Quant Time: Feb 05 13:13:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 04:17:00 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

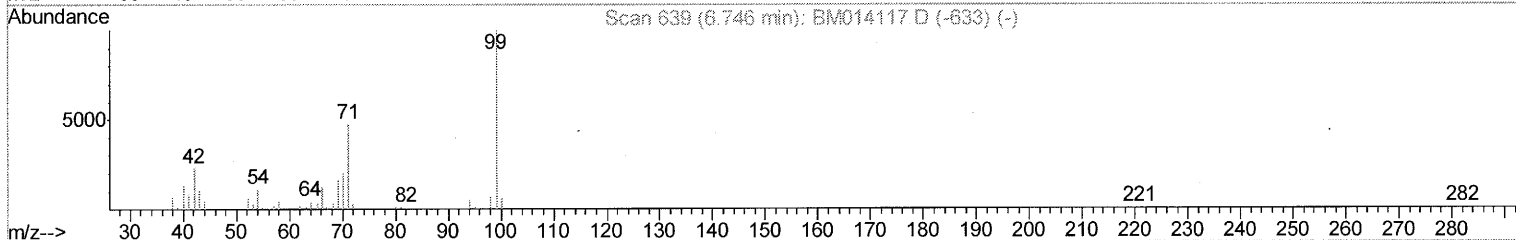
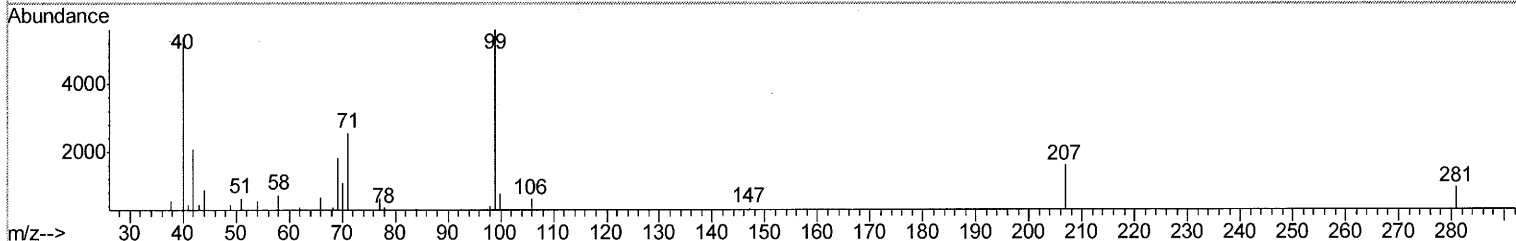
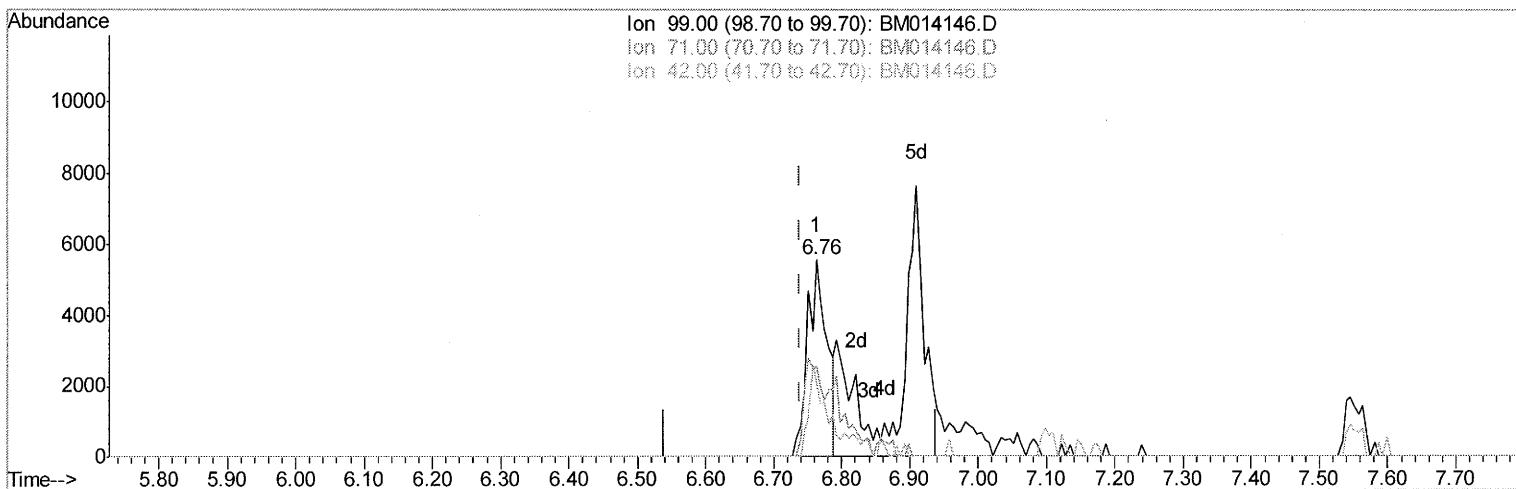
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
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 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(5) Phenol-d5 (S)

6.763min (+0.023) 1.99ng/ul

response 10951

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	45.69
42.00	24.20	37.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

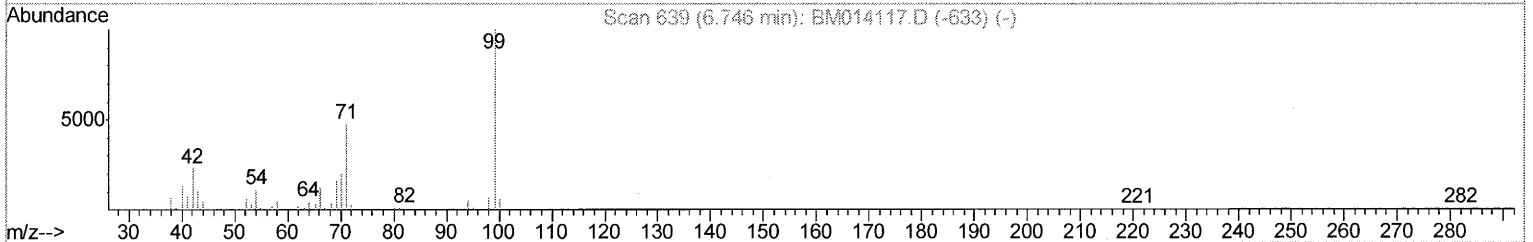
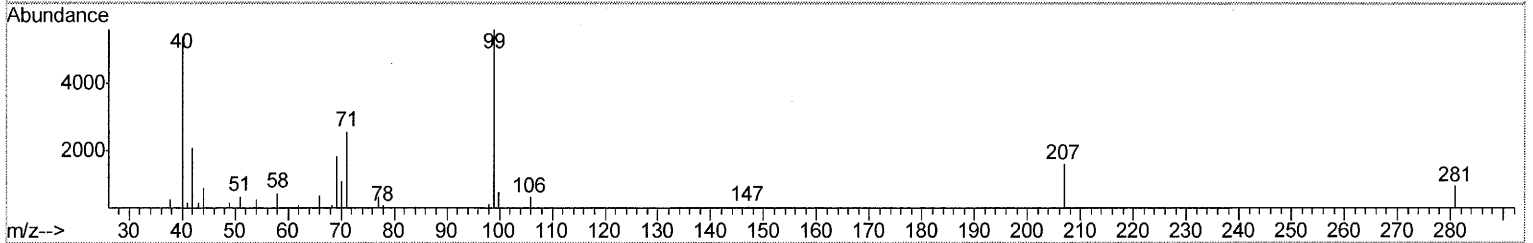
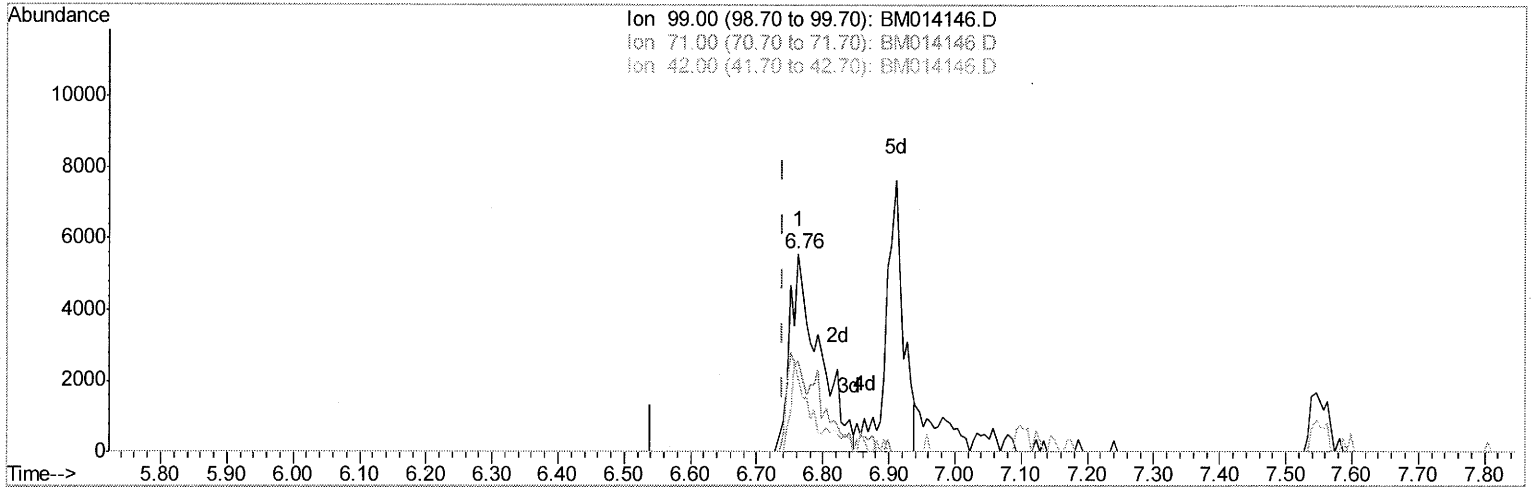
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
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 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(5) Phenol-d5 (S)

6.763min (+0.023) 3.09ng/ul m

response 16978

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	45.69
42.00	24.20	37.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

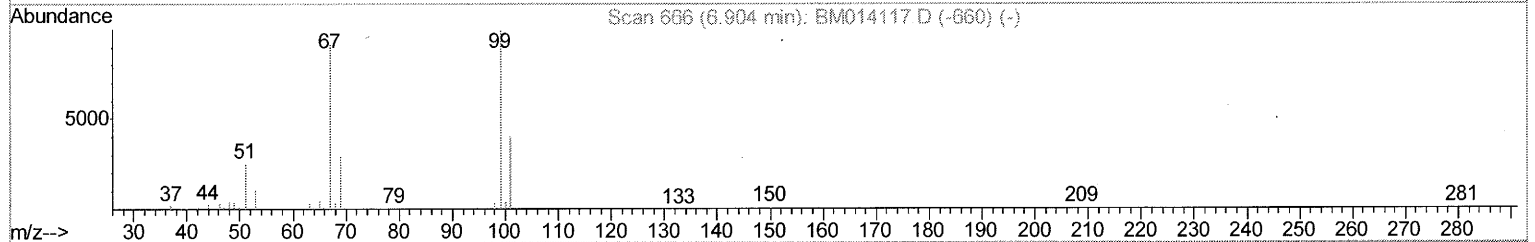
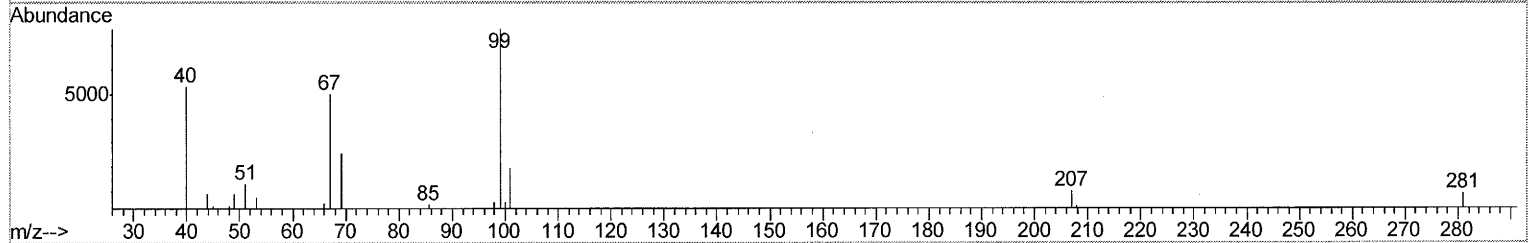
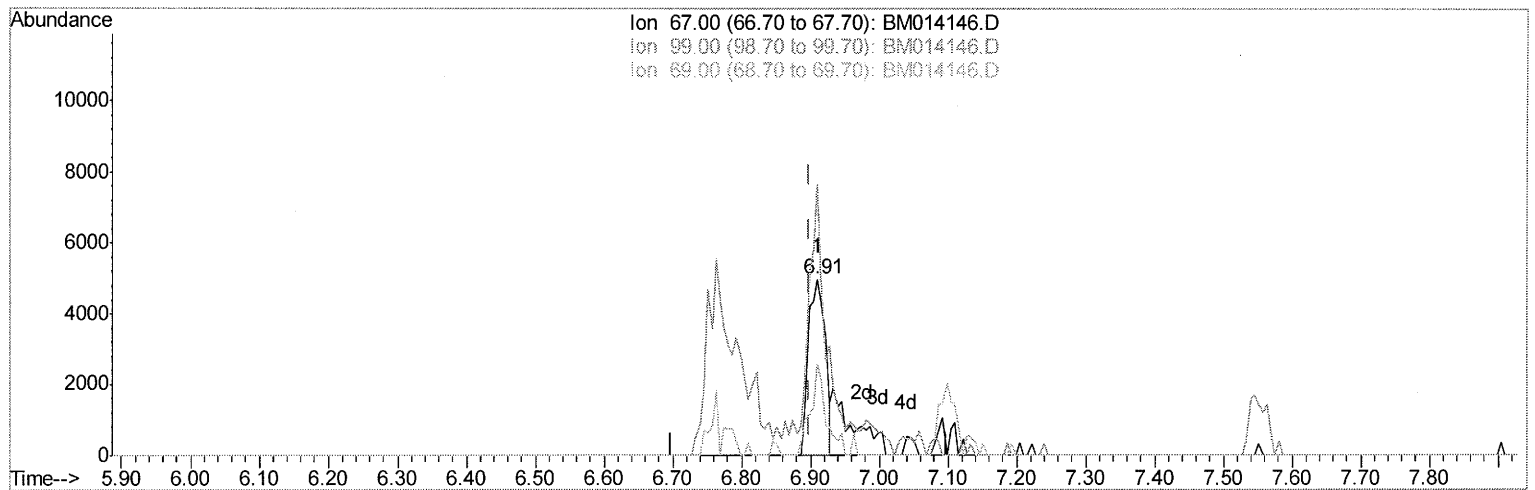
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
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Manual Integrations
APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
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 Quant Title : SVOA CALIBRATION
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TIC: BM014146.D

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

6.910min (+0.012) 2.56ng/ul

response 8474

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	153.61#
69.00	36.30	51.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

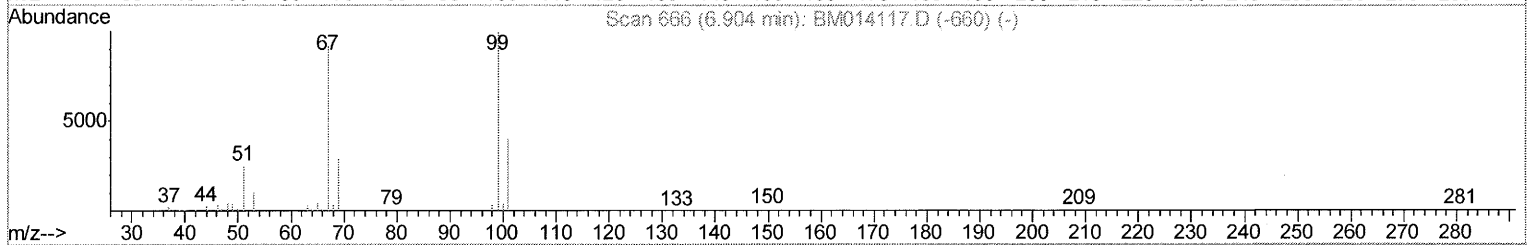
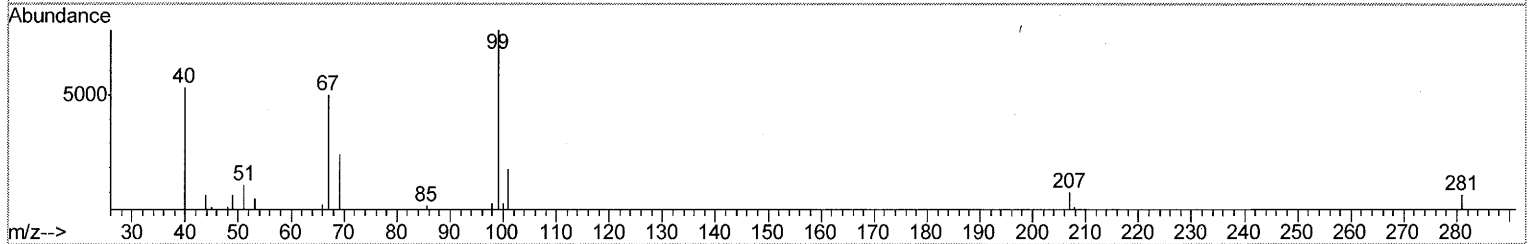
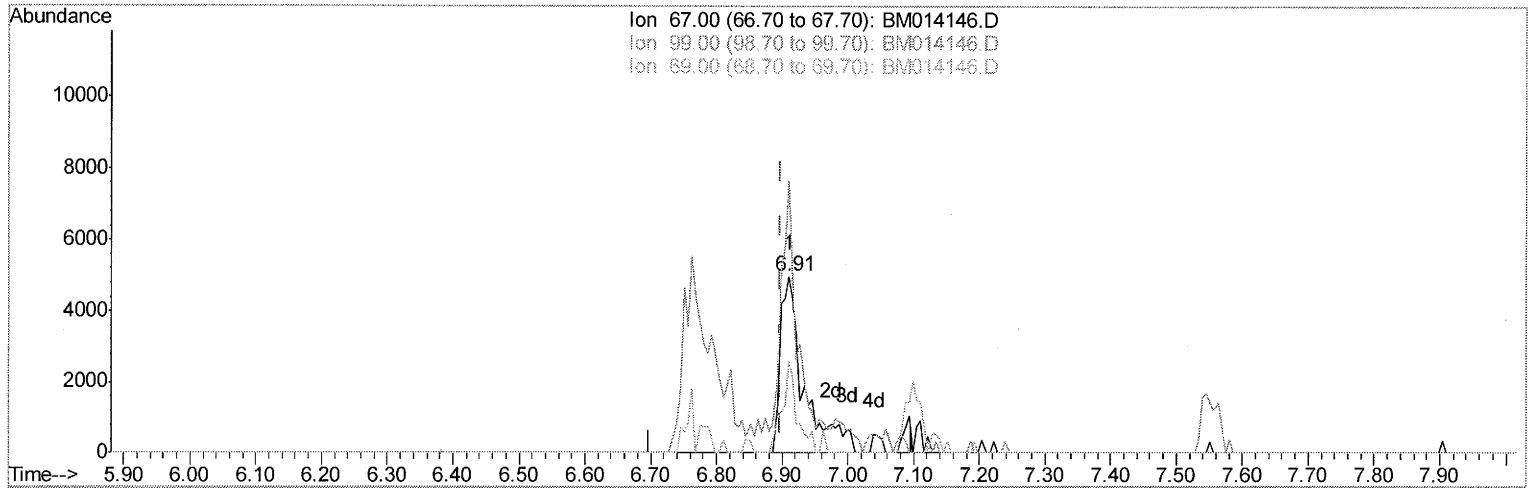
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

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

6.910min (+0.012) 3.80ng/ul m

response 12579

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	153.61#
69.00	36.30	51.75#
0.00	0.00	0.00

SJ 02/7/18

Quantitation Report (Qedit)

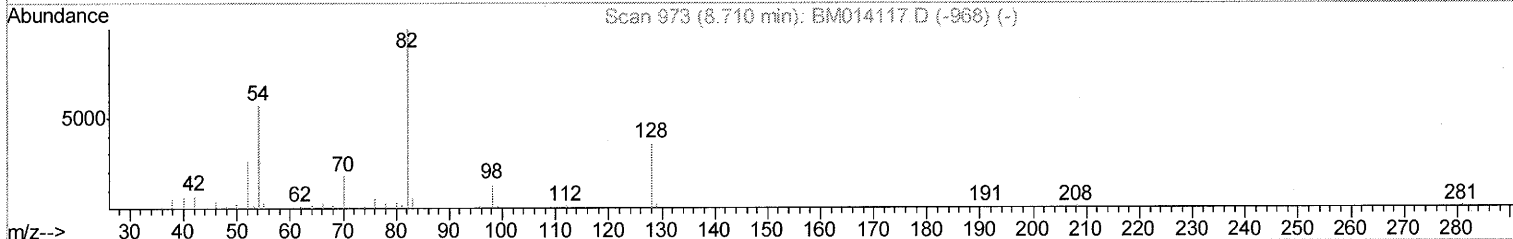
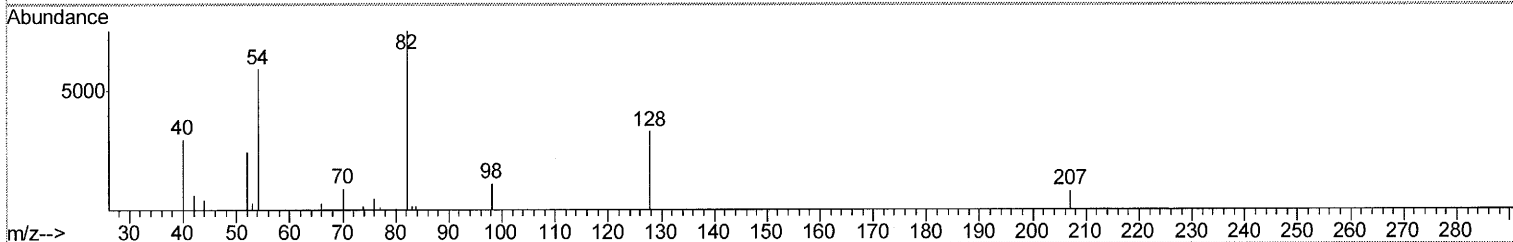
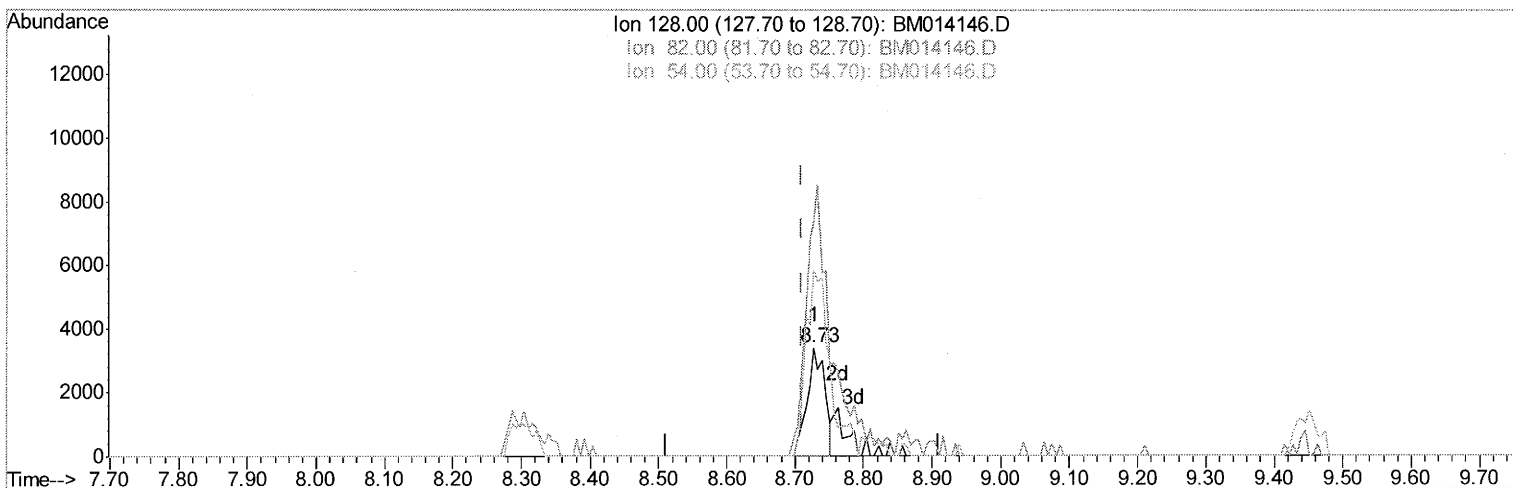
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 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BM014146.D

(19) Nitrobenzene-d5 (S)

8.728min (+0.017) 2.81ng/ul

response 6100

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	217.46#
54.00	142.70	172.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

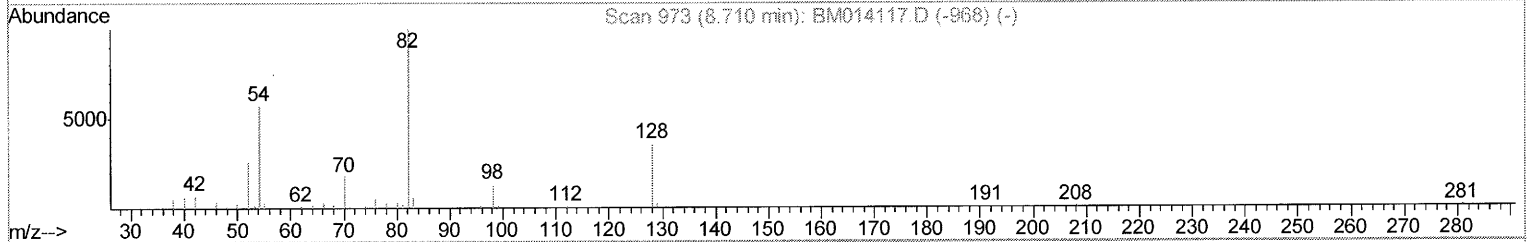
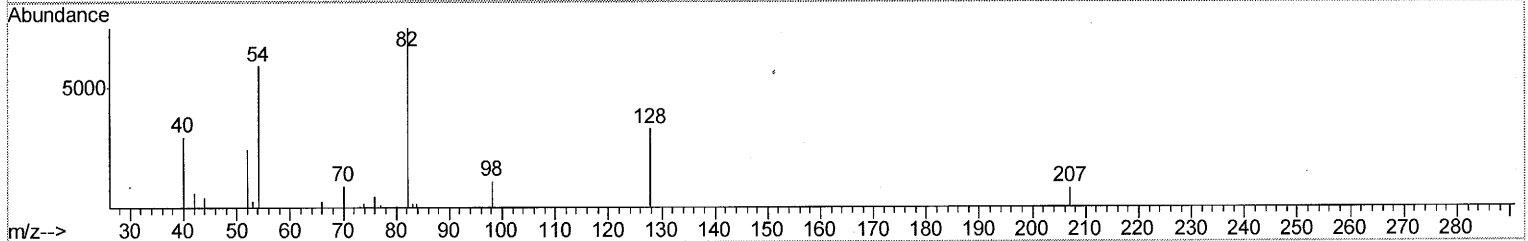
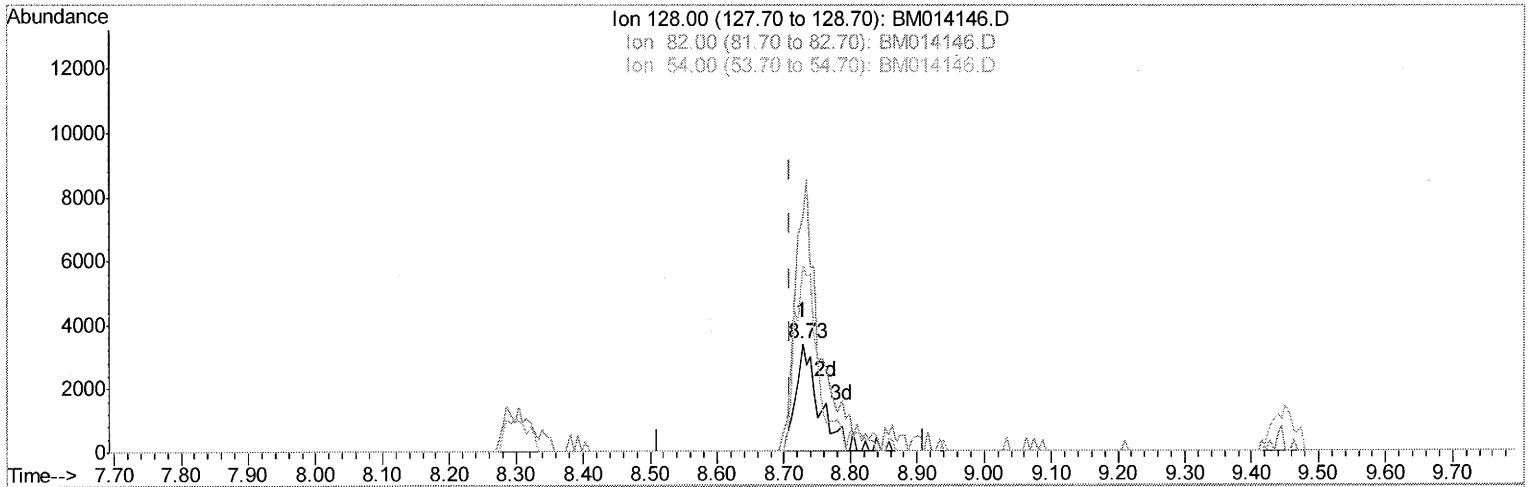
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 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(19) Nitrobenzene-d5 (S)

8.728min (+0.017) 3.69ng/ul m

response 7988

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	217.46#
54.00	142.70	172.98#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

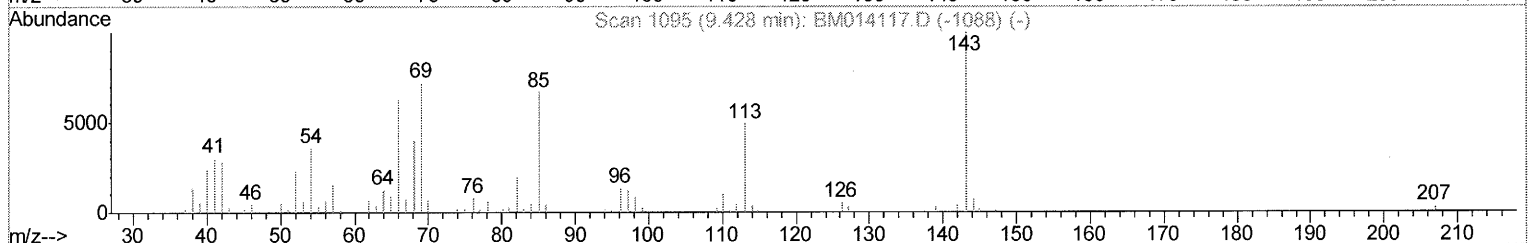
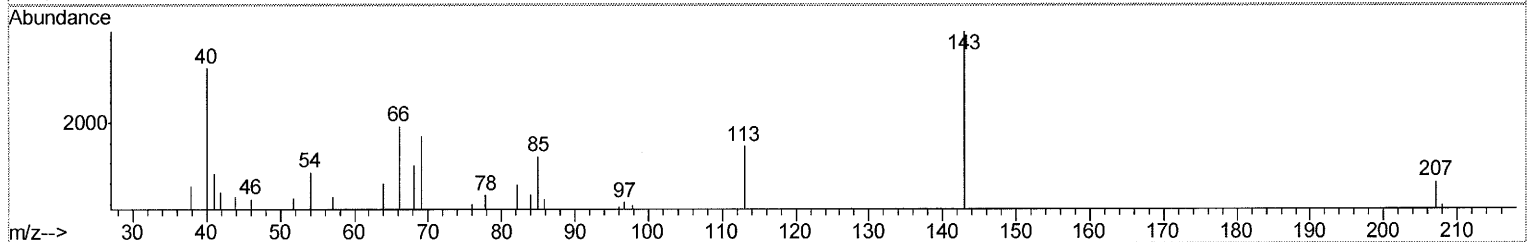
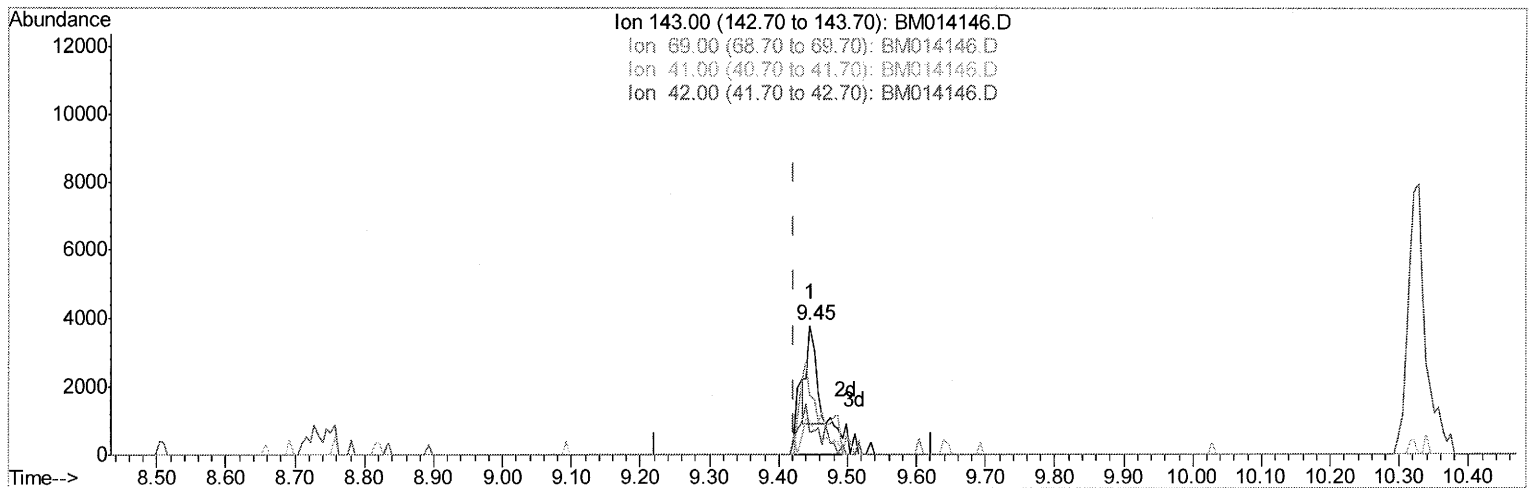
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 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampled :
 F6D09DL

Manual Integrations
APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(22) 2-Nitrophenol-d4 (S)
 9.445min (+0.023) 1.08ng/ul
 response 2597

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	45.66#
41.00	23.80	26.19
42.00	24.30	17.00#

Quantitation Report (Qedit)

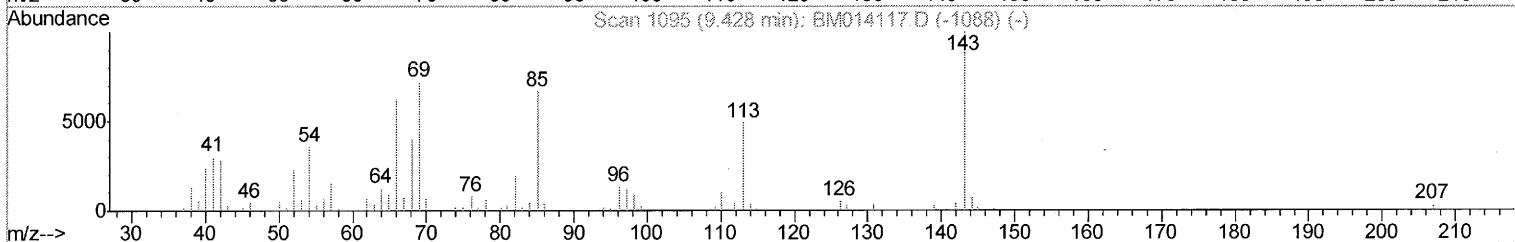
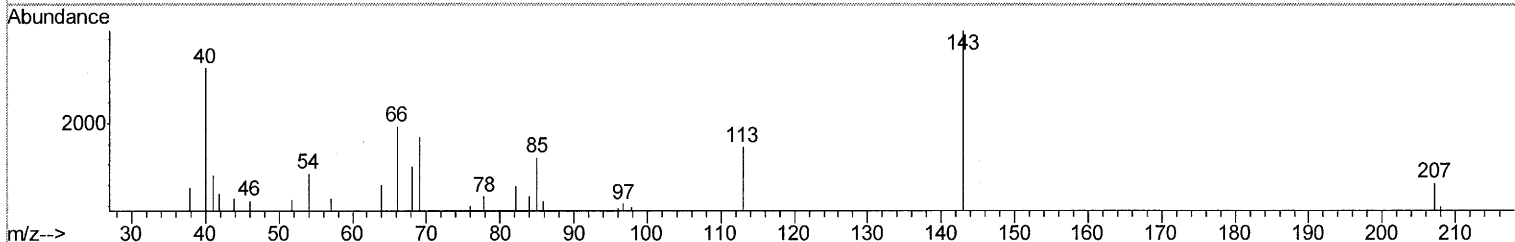
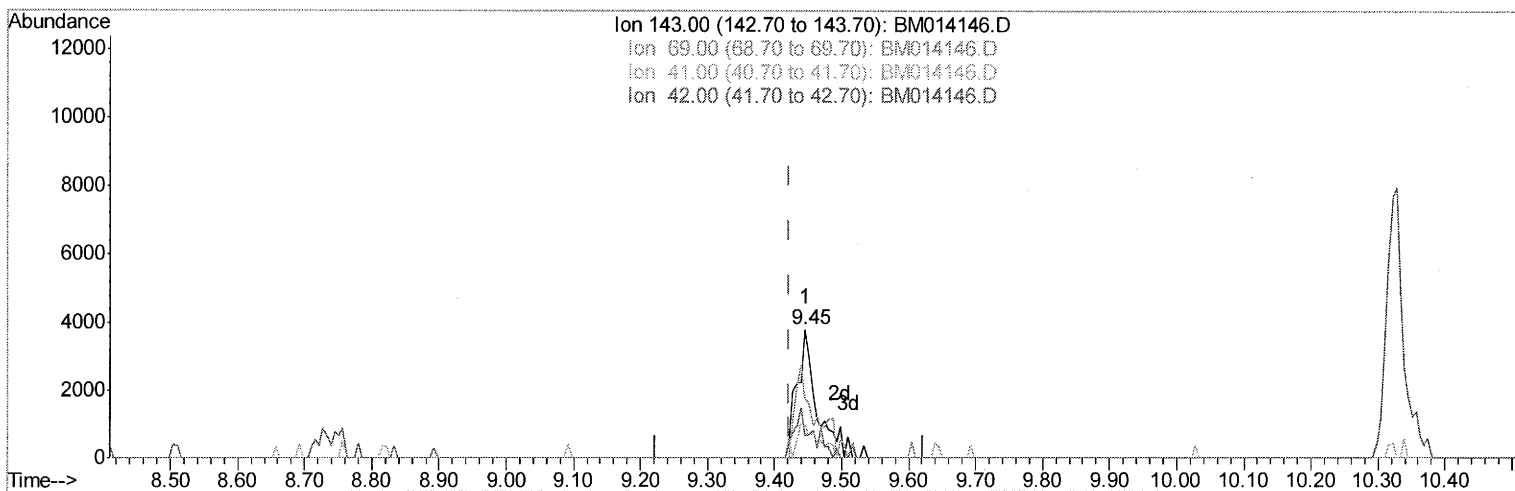
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 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(22) 2-Nitrophenol-d4 (S)

9.445min (+0.023) 3.17ng/ul m

response 7594

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	45.66#
41.00	23.80	26.19
42.00	24.30	17.00#

SJ 2/7/18

Quantitation Report (Qedit)

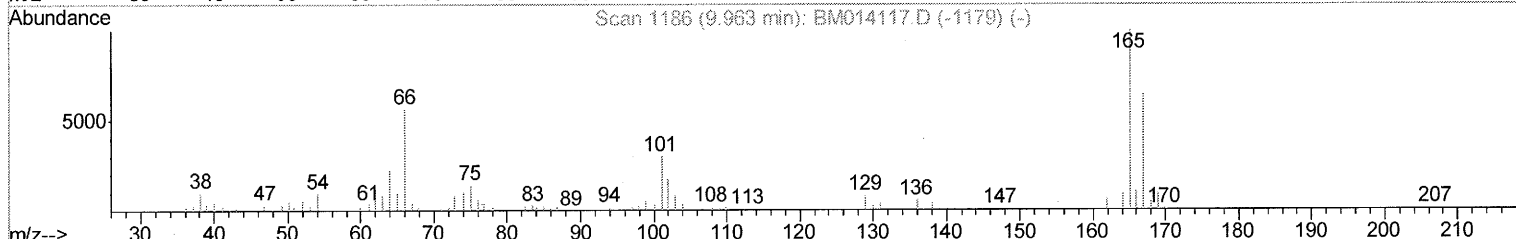
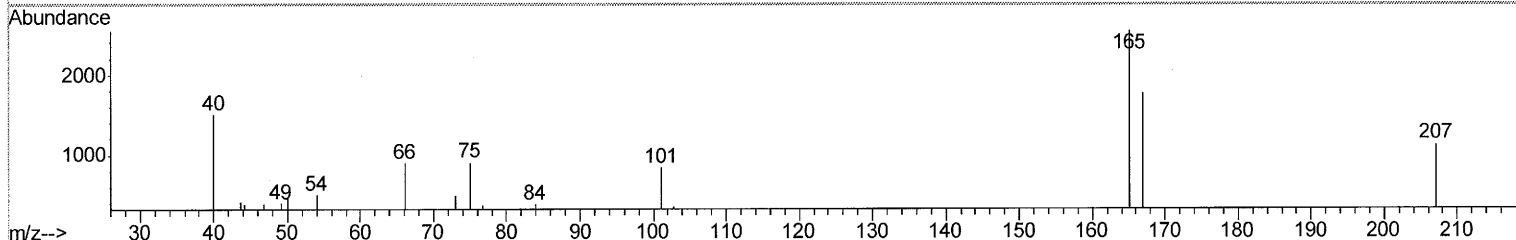
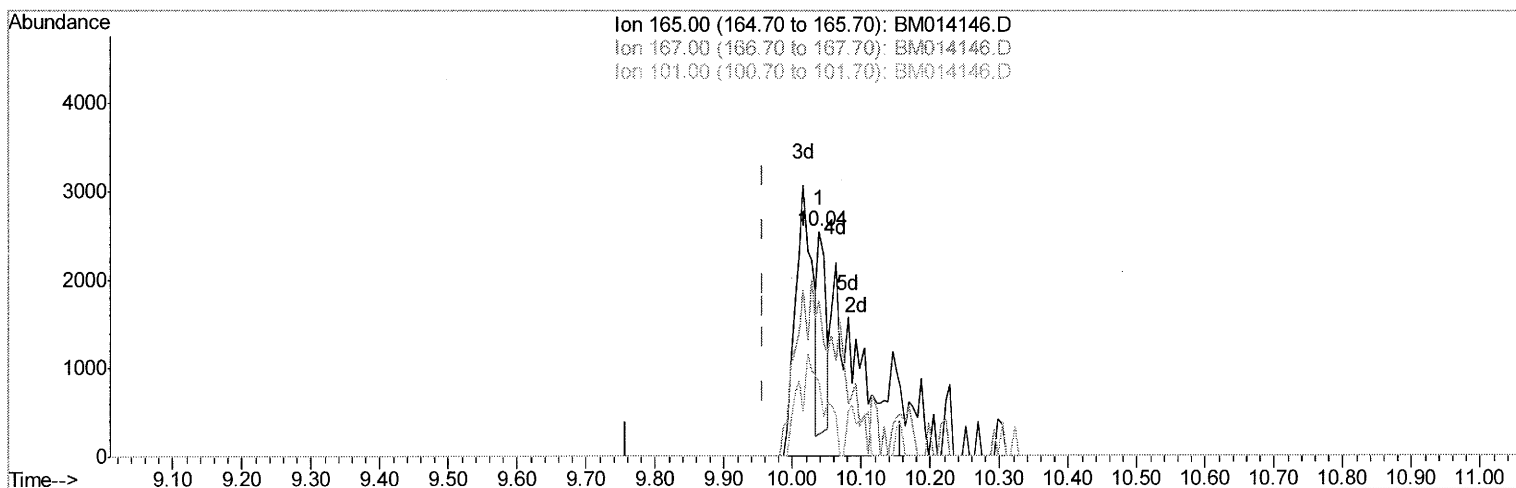
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 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BM014146.D

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

10.039min (+0.082) 0.37ng/ul

response 1853

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	69.41
101.00	29.30	32.76
0.00	0.00	0.00

Quantitation Report (Qedit)

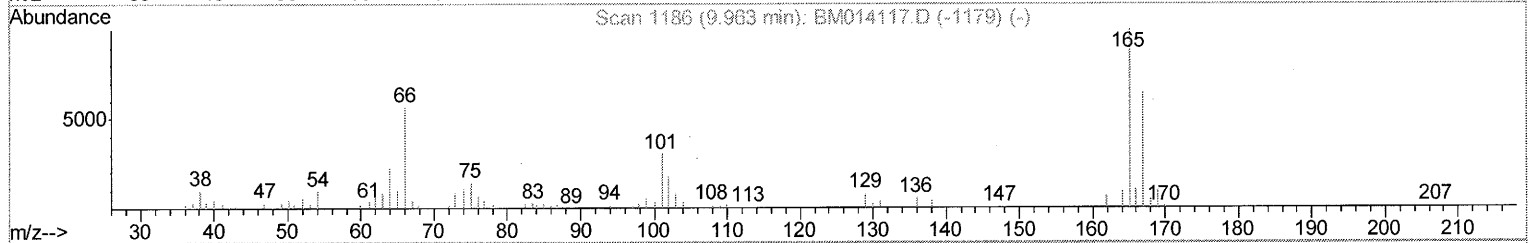
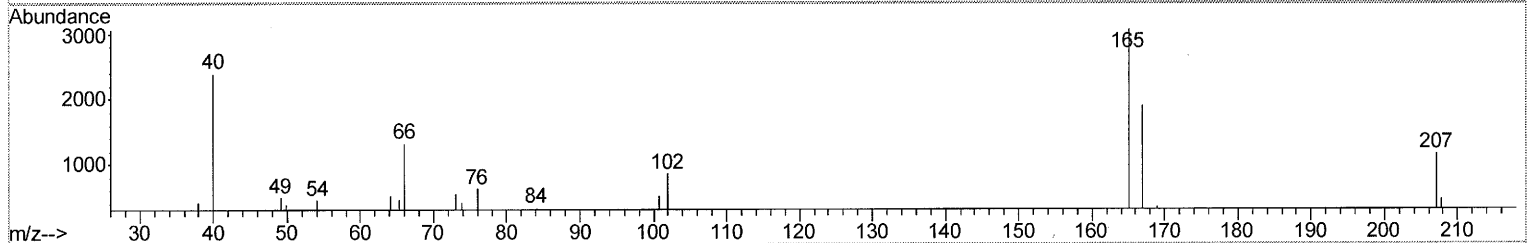
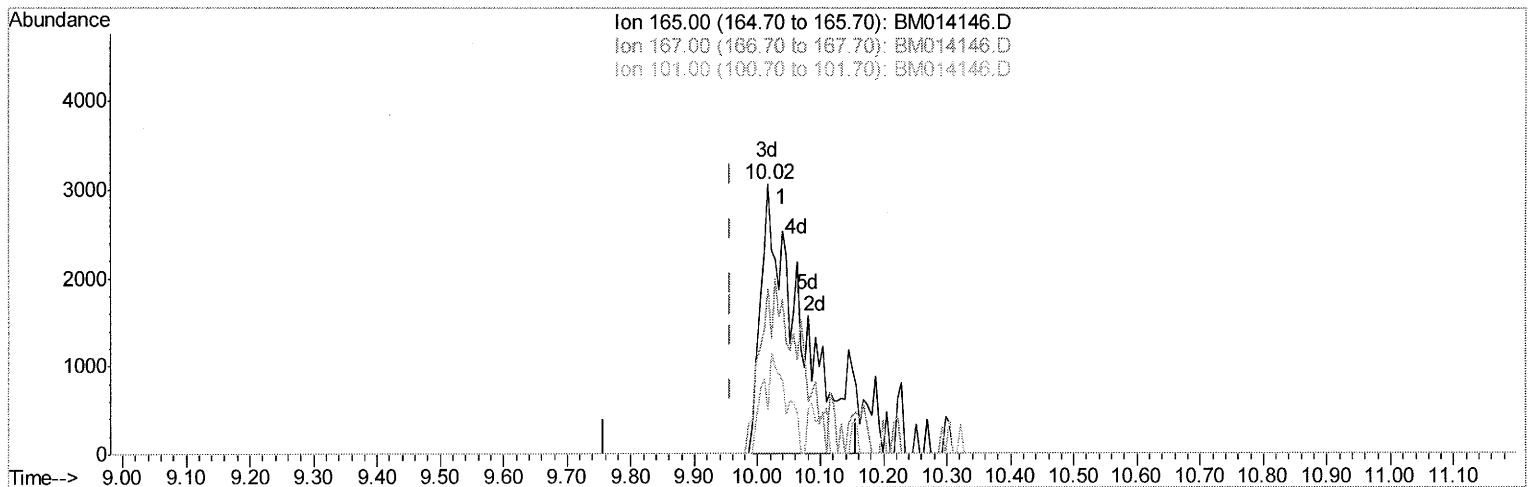
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 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BM014146.D

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

10.016min (+0.059) 2.98ng/ul m

response 15054

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.49
101.00	29.30	16.59#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

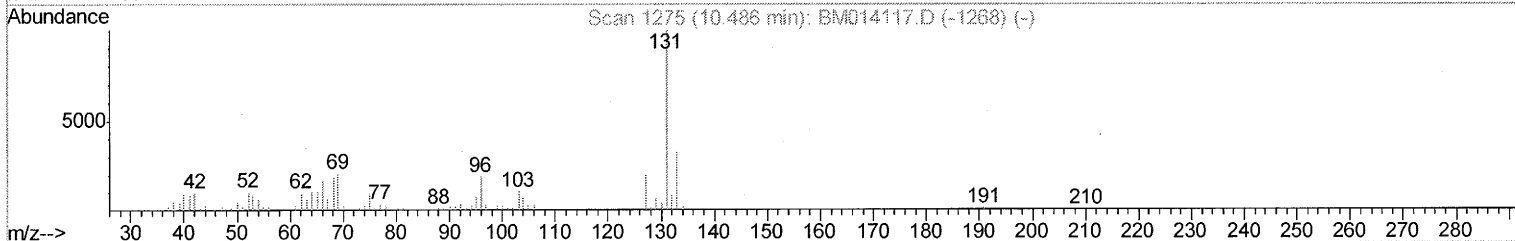
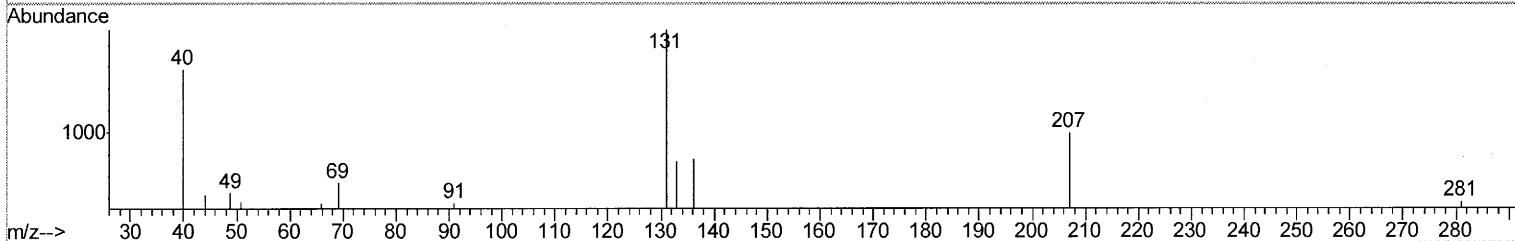
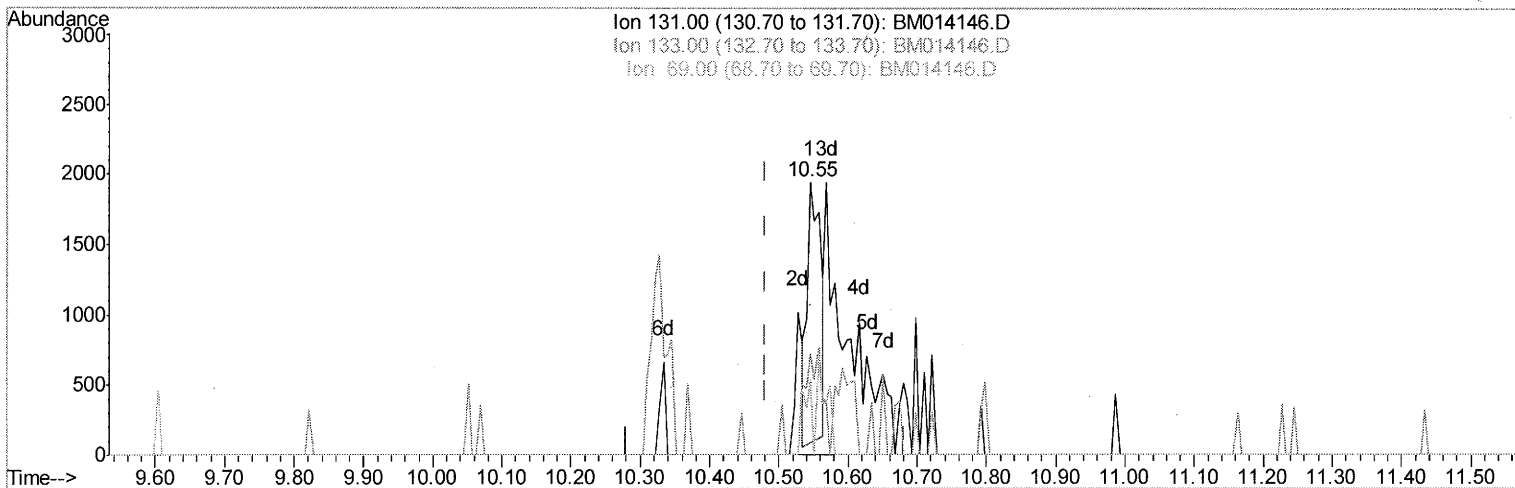
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 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

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TIC: BM014146.D

(29) 4-Chloroaniline-d4 (S)

10.545min (+0.065) 0.57ng/ul

response 2512

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	37.49
69.00	24.30	27.60
0.00	0.00	0.00

Quantitation Report (Qedit)

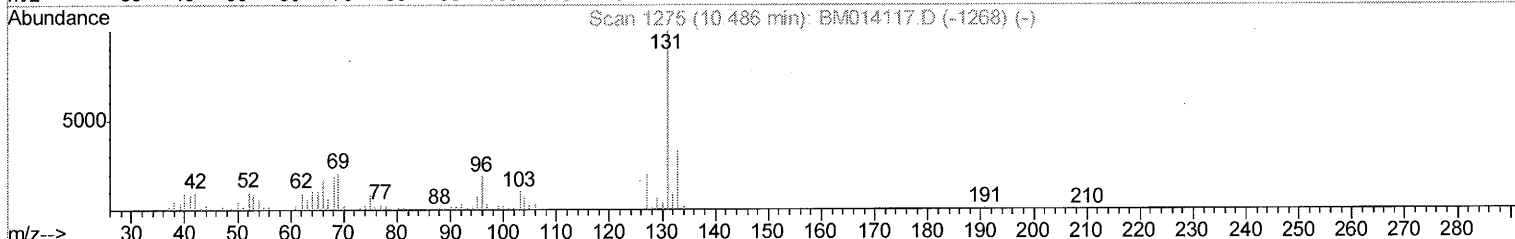
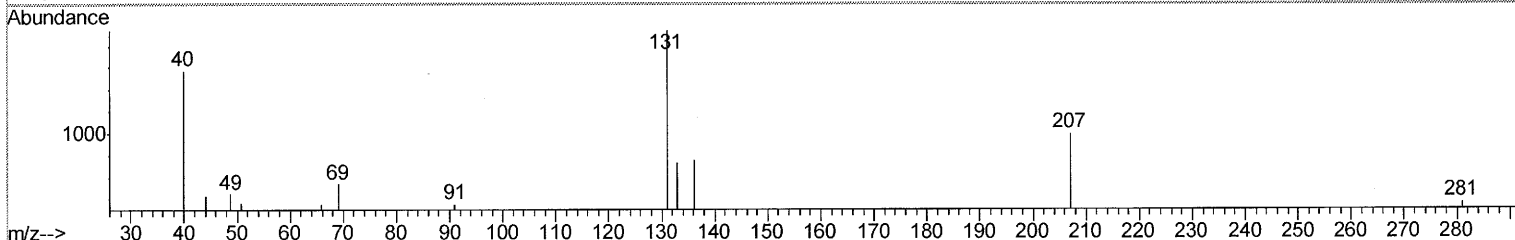
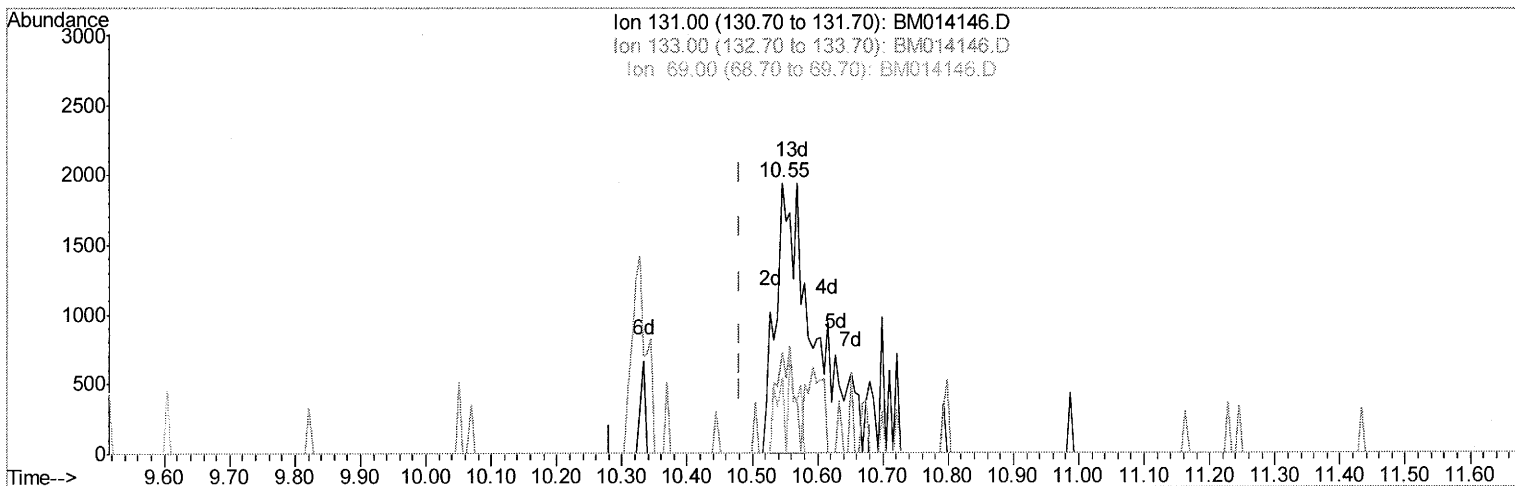
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(29) 4-Chloroaniline-d4 (S)

10.545min (+0.065) 1.82ng/ul m

response 7951

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	37.49
69.00	24.30	27.60
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

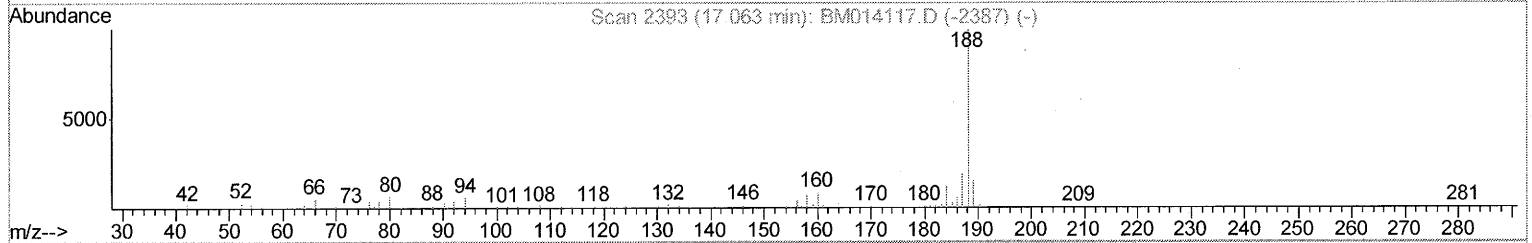
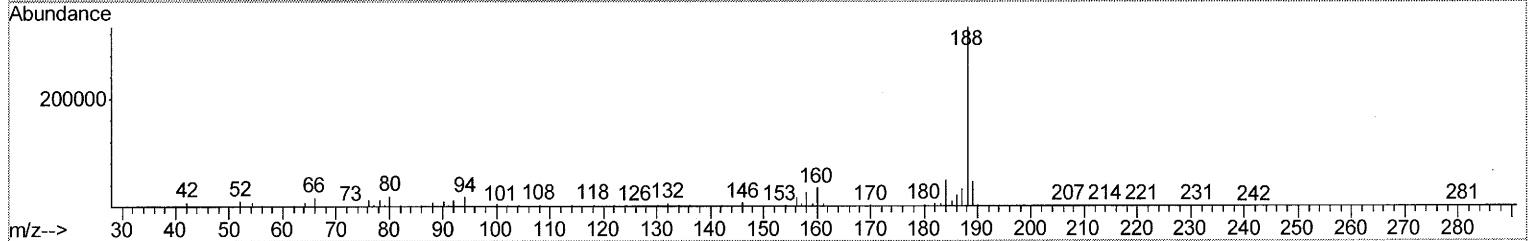
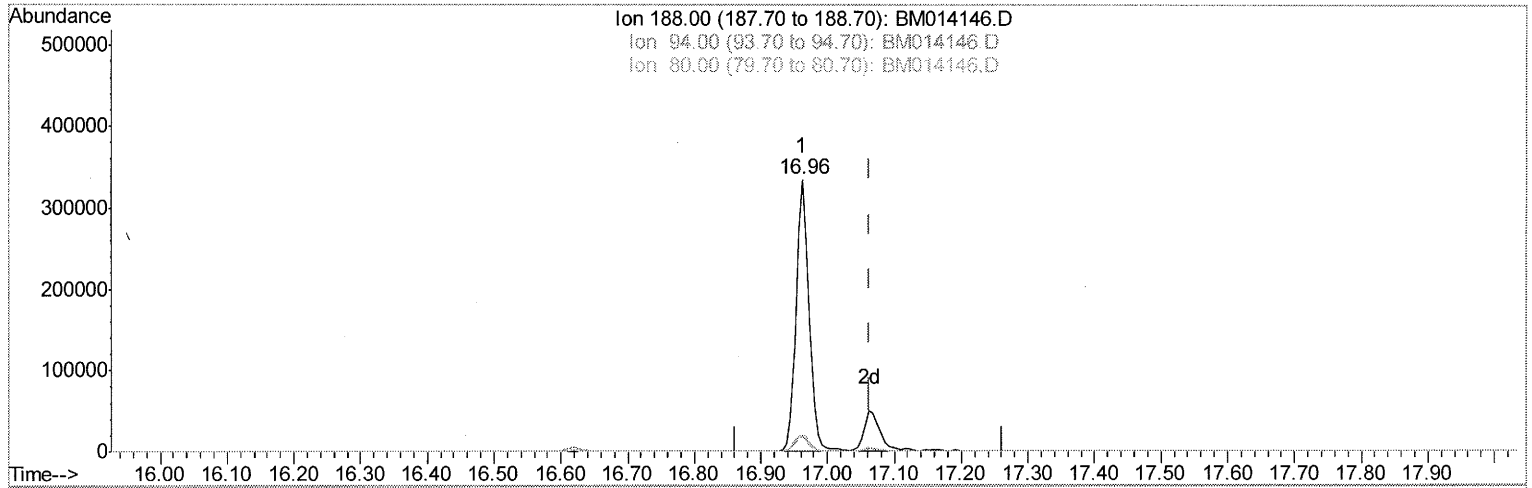
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 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BM014146.D

(70) Anthracene-d10 (S)
 16.962min (-0.100) 20.60ng/ul
 response 458894

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.43
80.00	5.90	5.90
0.00	0.00	0.00

Quantitation Report (Qedit)

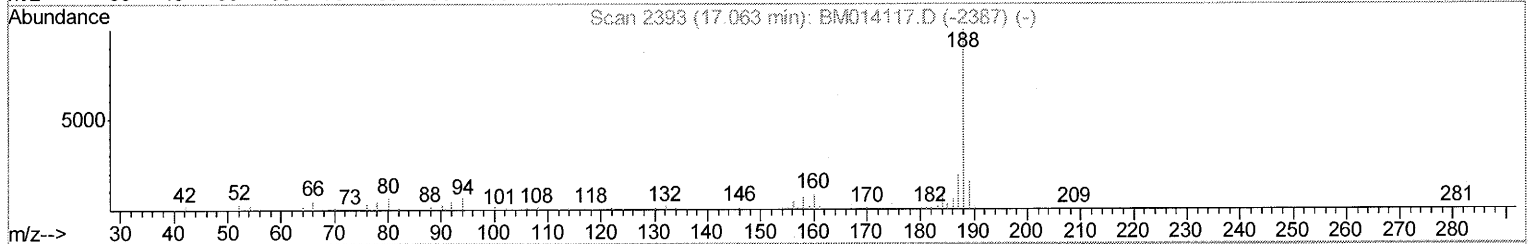
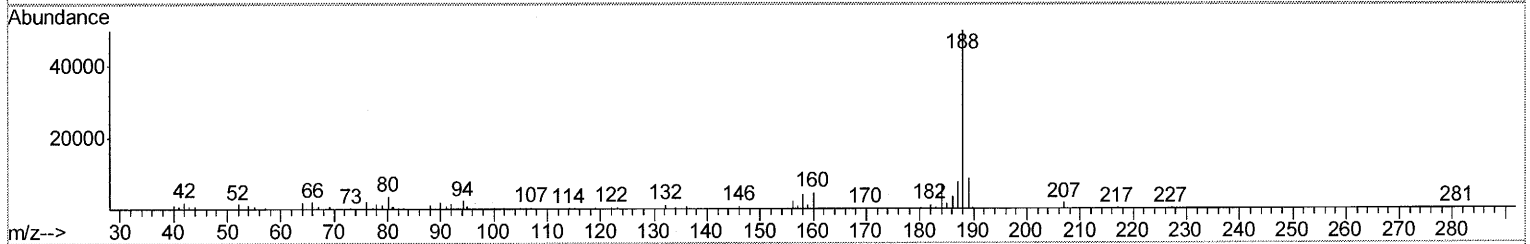
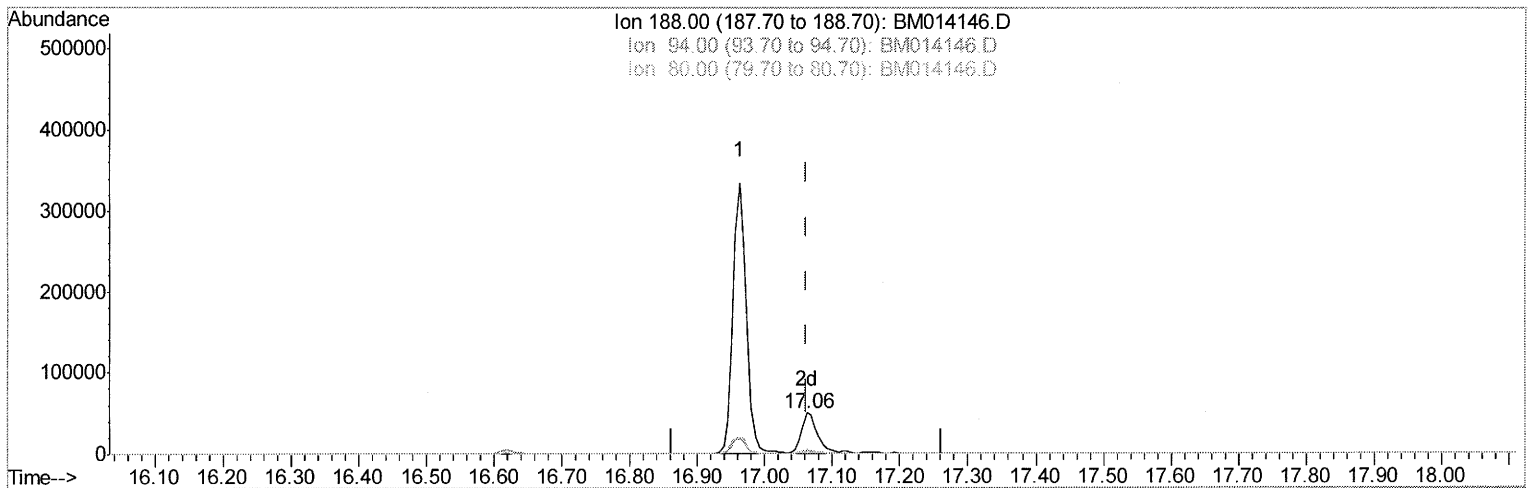
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 F6D09DL

Manual Integrations
APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 06:01:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018
 Response via : Initial Calibration



TIC: BM014146.D

(70) Anthracene-d10 (S)

17.062min (-0.000) 3.69ng/ul m

response 82132

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	5.12
80.00	5.90	7.72#
0.00	0.00	0.00

SJ 2/7/18

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM020218\
 Data File : BM014146.D
 Acq On : 03 Feb 2018 10:40
 Operator : SJ/JU
 Sample : J1317-15DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6D09DL

Manual Integrations
 APPROVED

Sohil
 2/5/2018 3:58:06 PM

Quant Time: Feb 05 13:13:37 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 03 04:17:00 2018.
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	73077	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	300265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	191107	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	458894	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	610966	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	622478	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	439	0.28	ng/uL	0.00
5) Phenol-d5	6.76	99	16978m	3.09	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	12579m	3.80	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	15333	3.53	ng/ul	0.01
13) 4-Methylphenol-d8	8.30	113	8041	1.75	ng/ul	0.03
19) Nitrobenzene-d5	8.73	128	7988m	3.69	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	7594m	3.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	15054m	2.98	ng/ul	0.06
29) 4-Chloroaniline-d4	10.55	131	7951m	1.82	ng/ul	0.06
43) Dimethylphthalate-d6	13.63	166	60226	3.80	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	72511	3.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	641	0.29	ng/ul	0.07
57) Fluorene-d10	15.21	176	52819	3.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	3559	1.26	ng/ul	0.03
70) Anthracene-d10	17.06	188	82132m	3.69	ng/ul	0.00
76) Pyrene-d10	19.37	212	111252	3.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	121964	3.99	ng/ul	0.00

Target Compounds					Qvalue
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5253	1.248 ng/ul#	80
68) Pentachlorophenol	16.62	266	192997	64.231 ng/ul	91
74) Fluoranthene	19.04	202	38705	1.206 ng/ul	99
77) Pyrene	19.40	202	43068	1.181 ng/ul#	90

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