

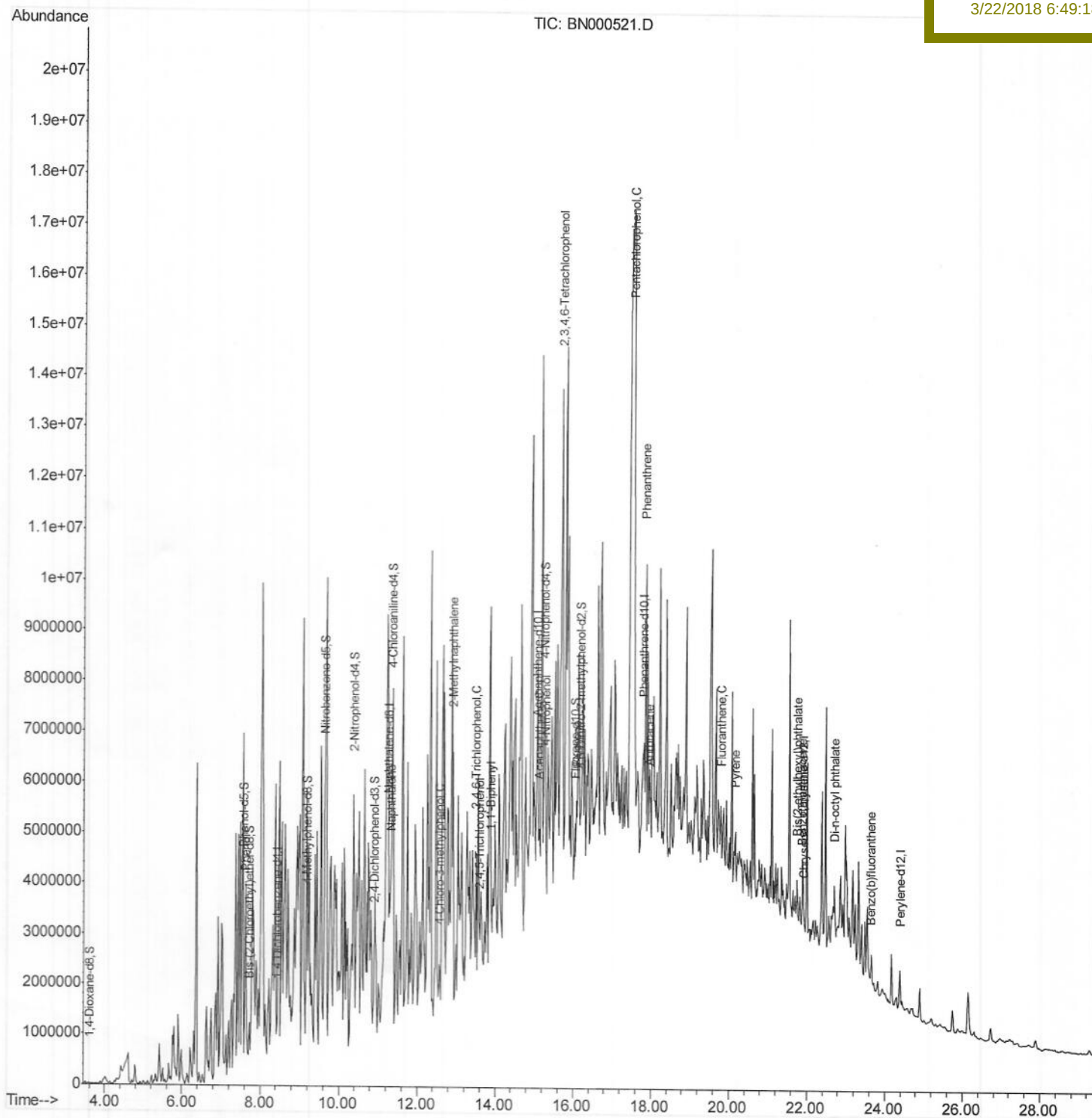
Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
Data File : BN000521.D
Acq On : 21 Mar 2018 15:52
Operator : JU/SJ
Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 03:34:45 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample ID :
DAM40MSD

Manual Integrations
APPROVED

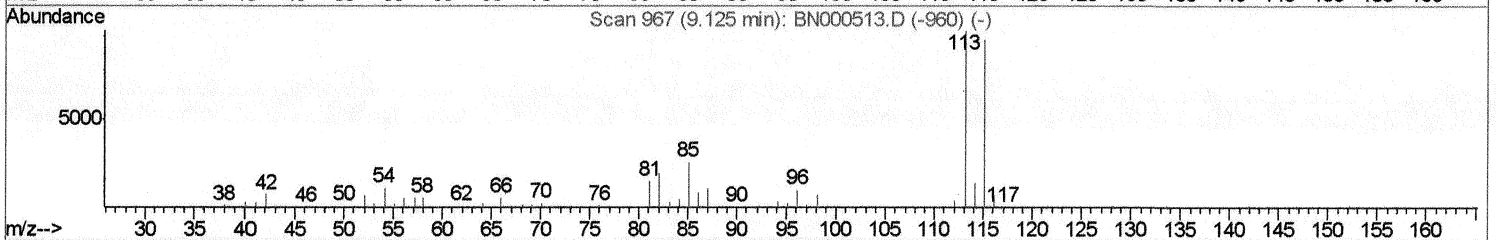
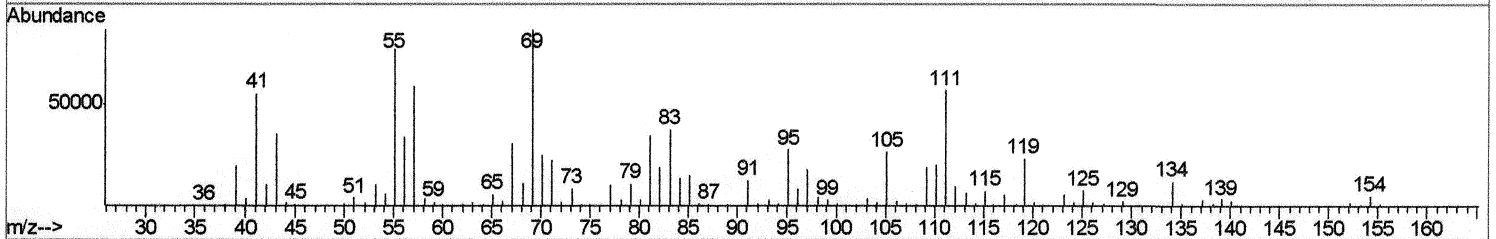
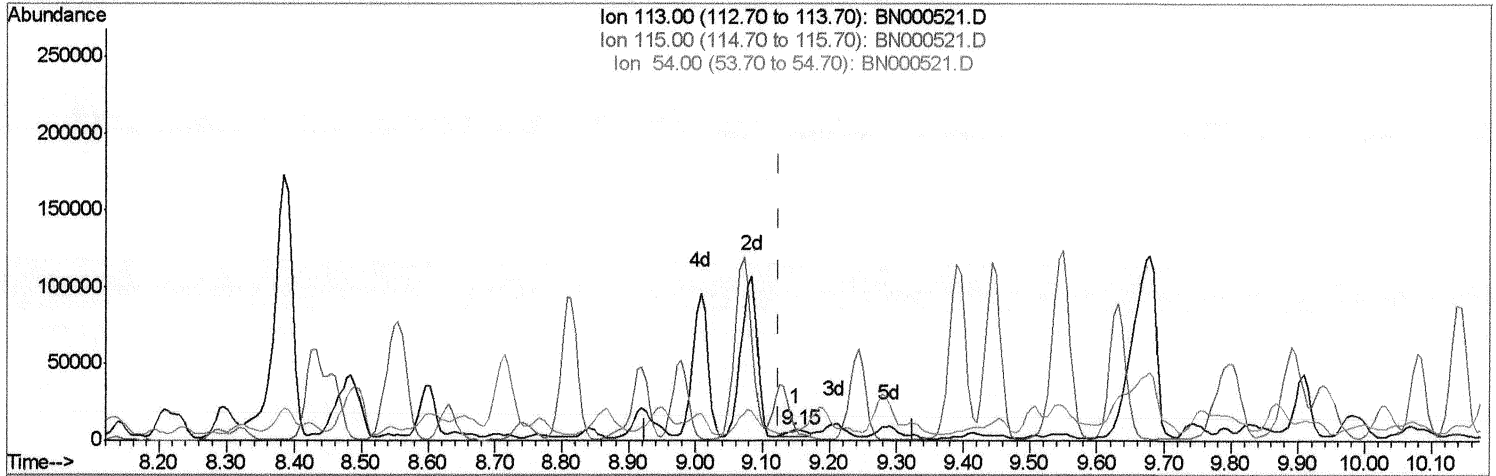
Sohil
3/22/2018 6:49:18 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(13) 4-Methylphenol-d8 (S)

9.149min (+0.024) 1.01ng/ui

response 11176

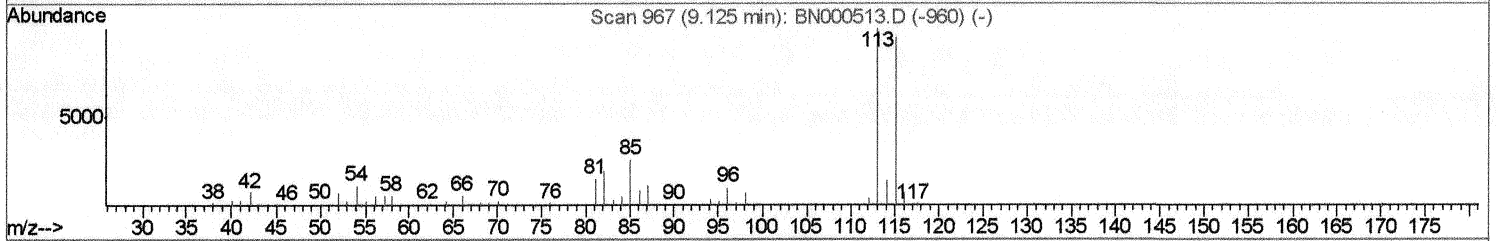
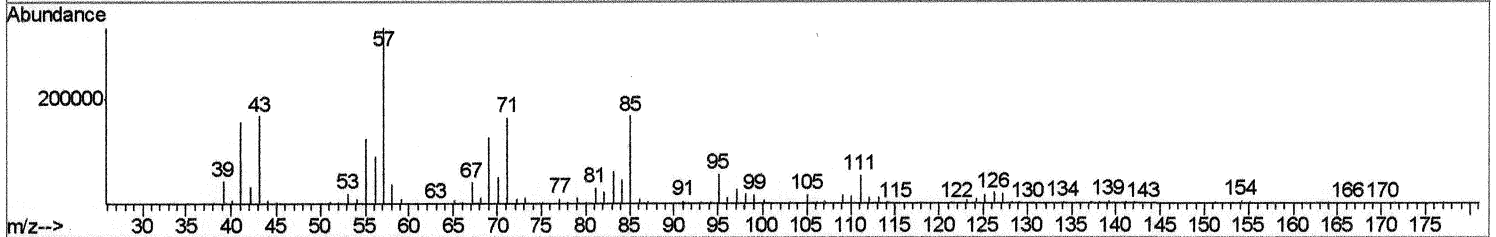
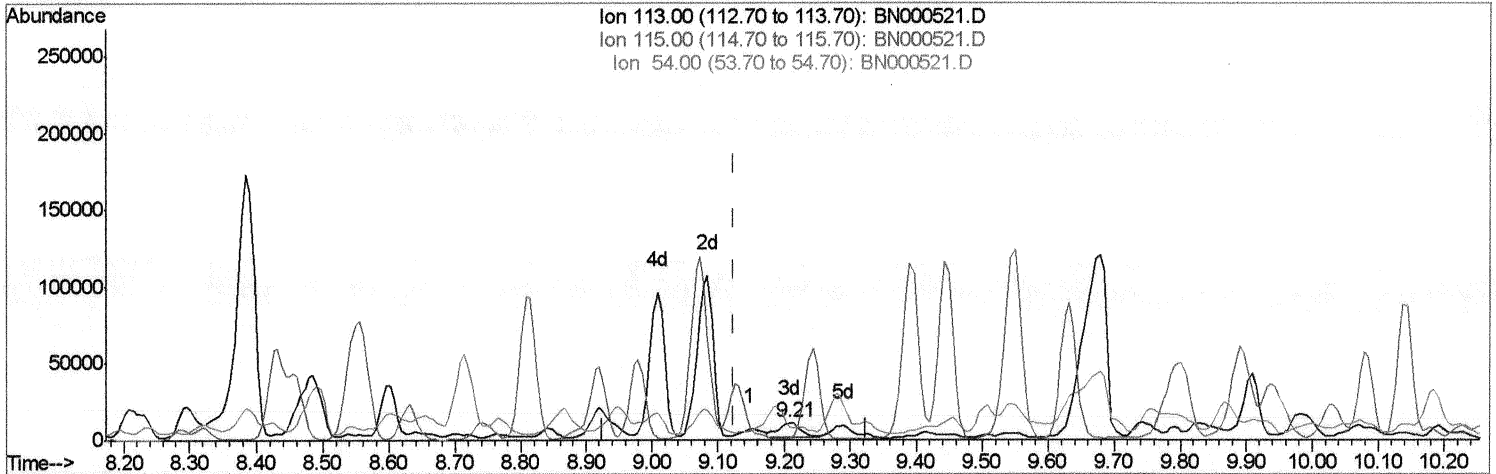
Ion	Exp%	Act%
113.00	100	100
109.16	100	109.16
86.43	100	86.43
100	100	100

Thu Mar 22 07:43:38 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(13) 4-Methylphenol-d8 (S)

9.208min (+0.083) 2.06ng/ul m

response 22850

Ion Exp% Act%

113.00 100.00 100.00
 115.00 10.01# 10.01#
 54.00 76.06# 76.06#
 100.00 100.00 100.00

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

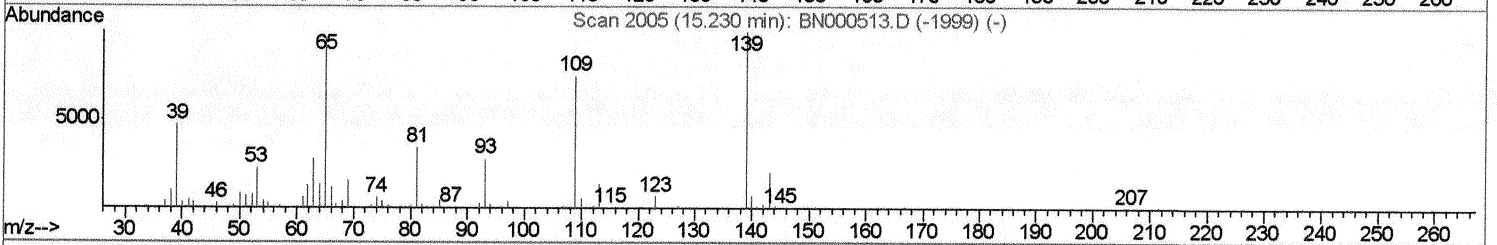
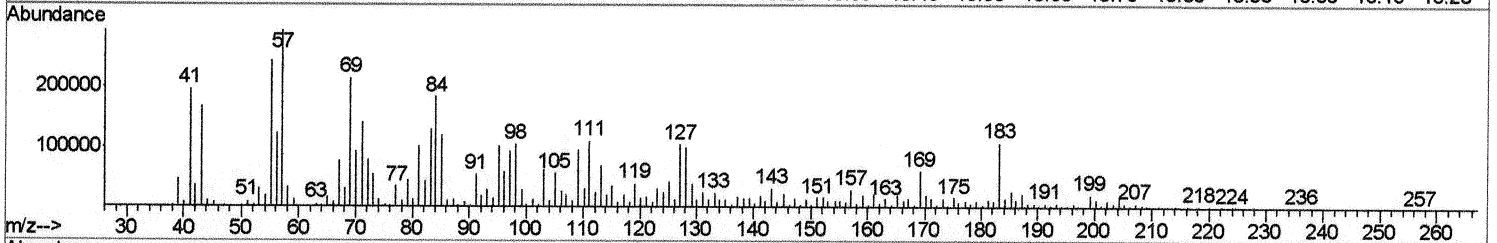
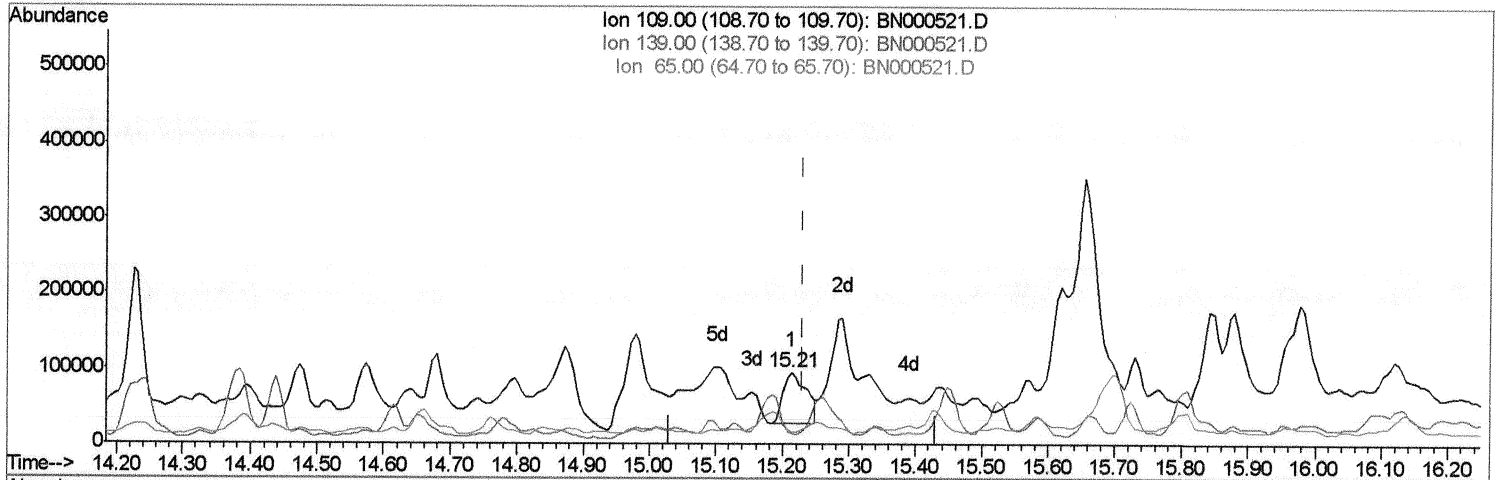
Client: BNA_N
 Sample: J1905-05MSD
 Instrument: J1905-05MSD

Thu Mar 22 07:43:48 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(52) 4-Nitrophenol

15.213min (-0.017) 45.44ng/ul

response 163383

Ion Exp% Act%

109.00 100 100

139.00 100 100

15.213min 14.68#

15.213min 7.67#

15.213min 0.00

ClientSample: DAM40MSD

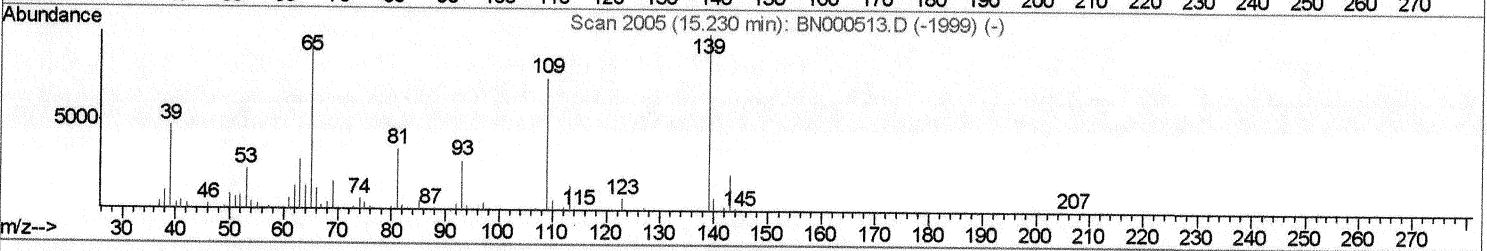
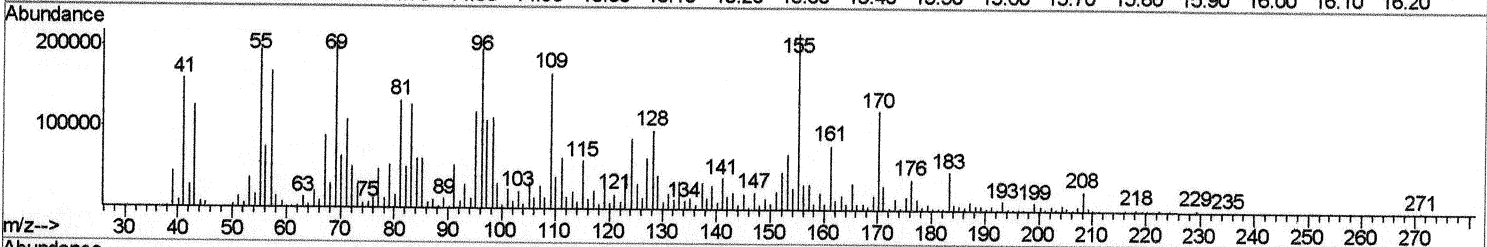
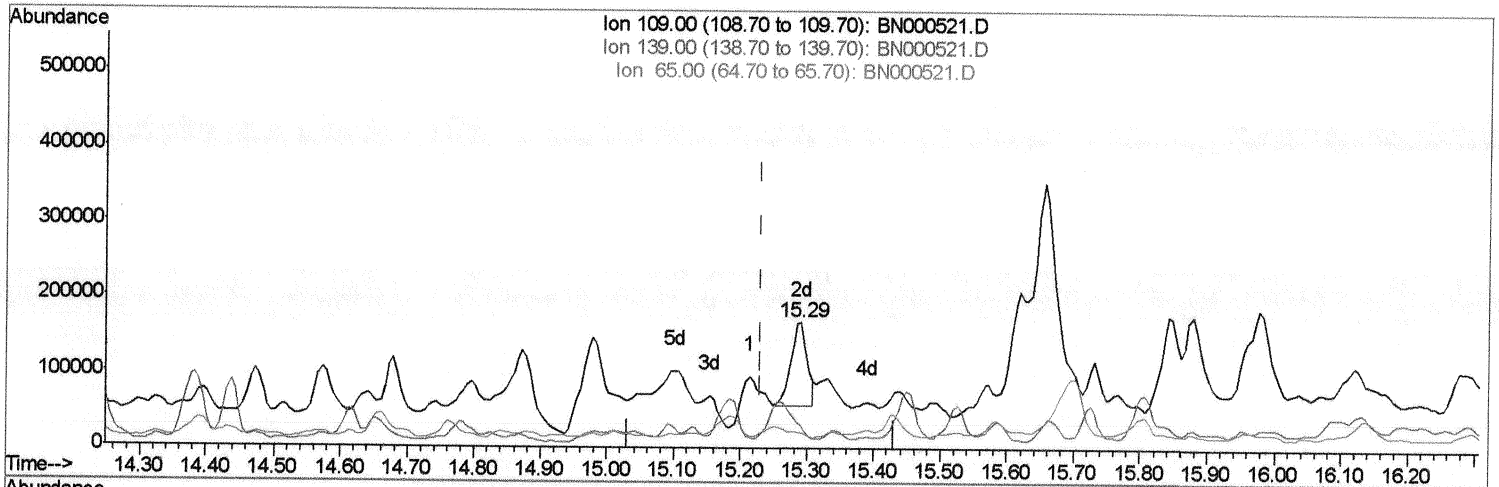
Instrument: BNA_N

Thu Mar 22 07:44:34 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(52) 4-Nitrophenol

15.290min (+0.059) 53.34ng/ul m

response 191822

Ion Exp% Act%

109.00 100 100

3/22/2018 6:49:18 PM 8.47#

Sohil 2.88#

APPROVED

Manual Integrations

Client Sample: DAM40MSD

BNA_N

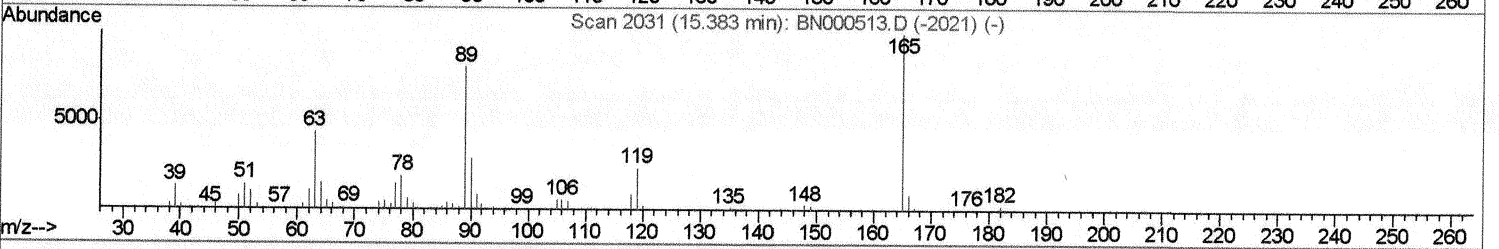
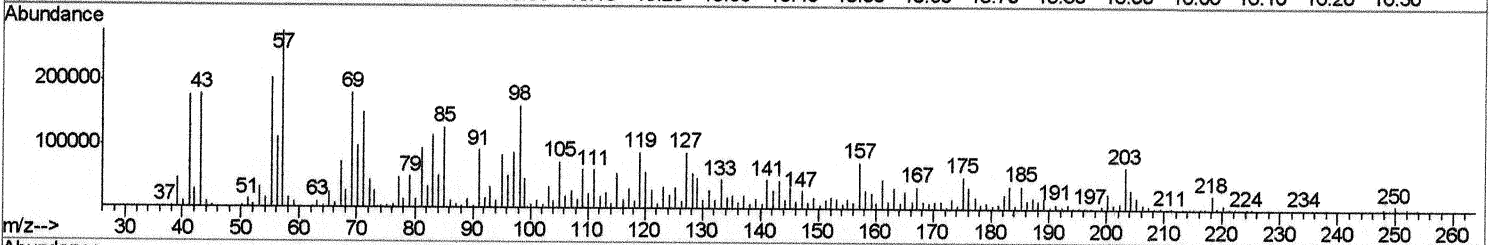
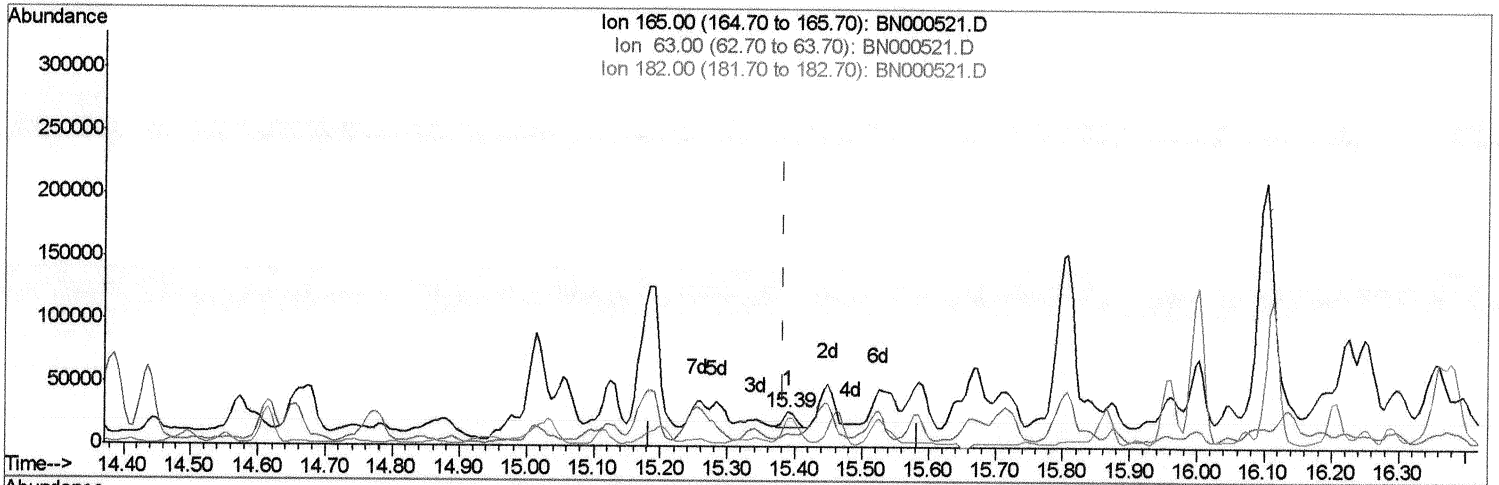
Instrument:

Thu Mar 22 07:44:44 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(54) 2,4-Dinitrotoluene

15.390min (+0.006) 2.12ng/ul

response 14981

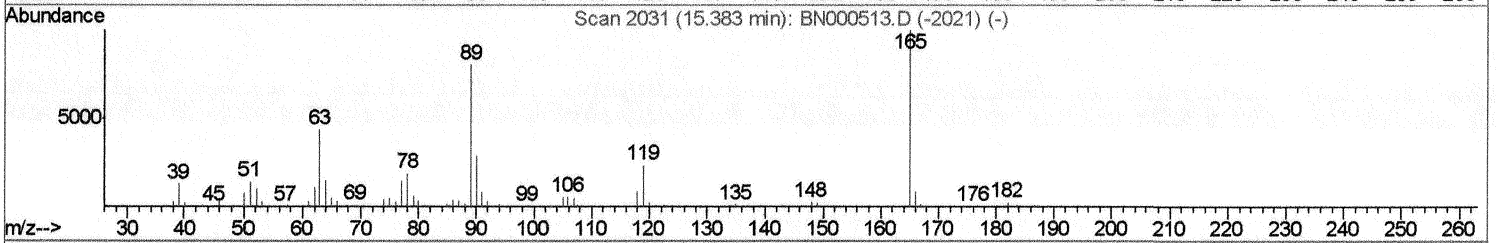
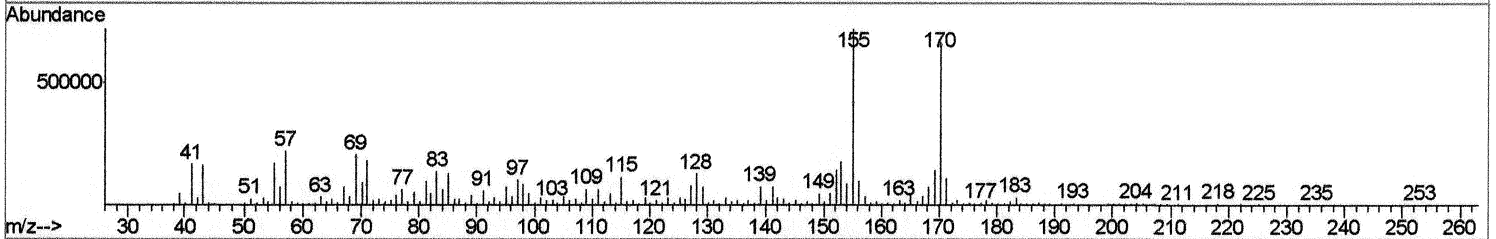
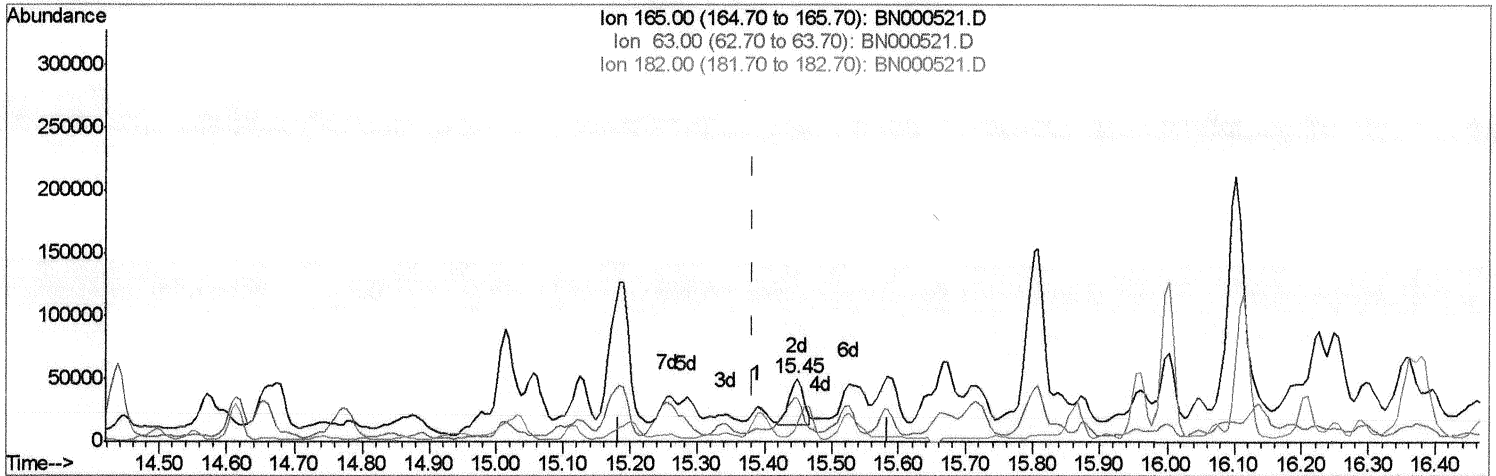
Ion	Exp%	Act%
165.00	100	100
63.00	100	3.80
182.00	100	4.87#

Instrument : BNA_N Thu Mar 22 07:45:00 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(54) 2,4-Dinitrotoluene

15.448min (+0.065) 7.82ng/ul m

response 55381

Ion Exp% Act%

125.00 100

3/22/2018 6:49:18 PM 69.44#

Sohil

APPROVED

Manual Integrations 28.73#

DAM40MSD

ClientSampled :

BNA_N

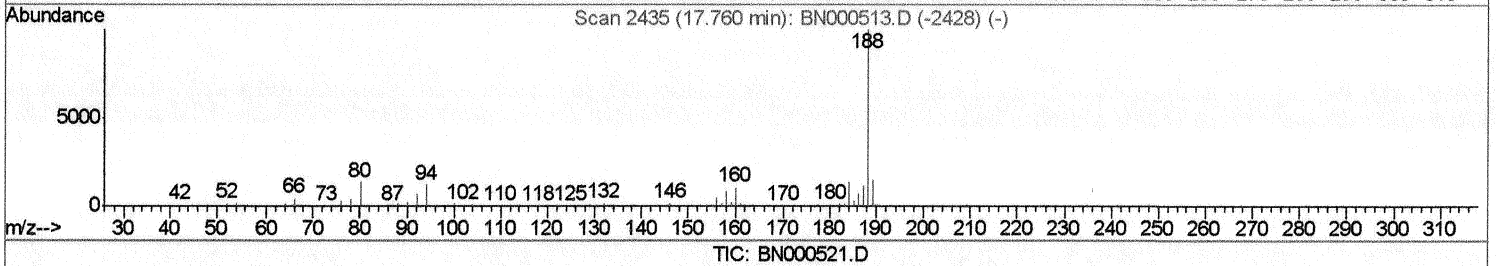
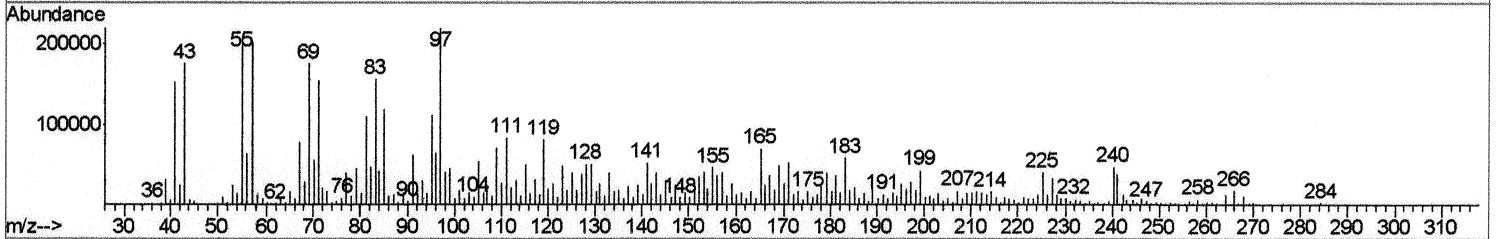
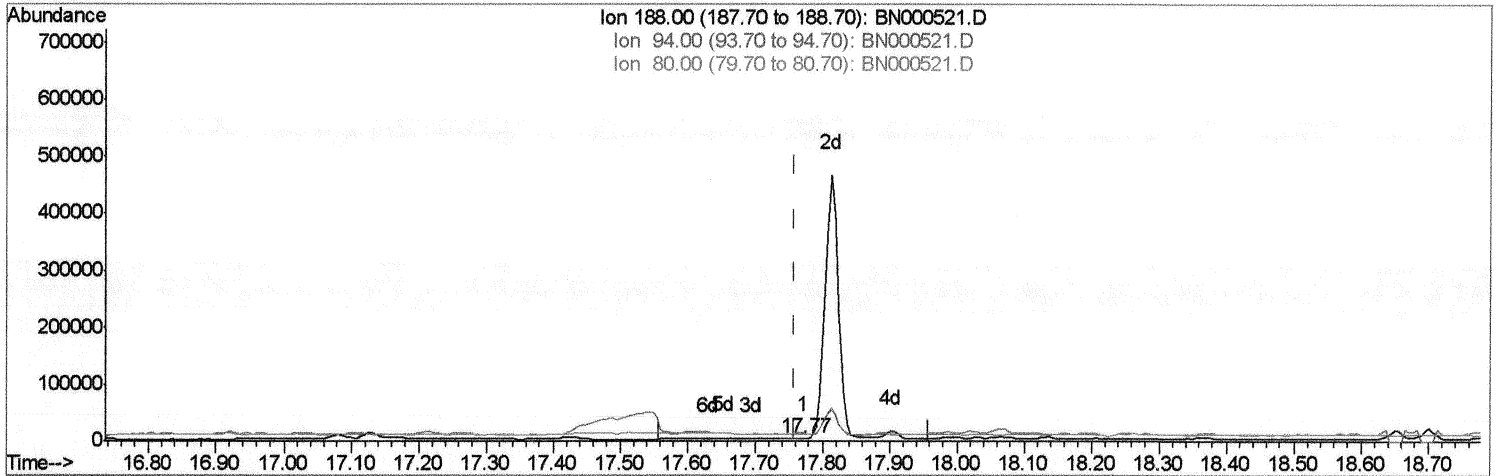
Instrument :

Thu Mar 22 07:45:08 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.772min (+0.012) 20.00ng/ul

response 3426

Ion	Exp%	Act%
188.00	100	100
186.00	100	58.42
184.00	100	59.42
182.00	100	100

188.00 100

186.00 58.42

184.00 59.42

182.00 100

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

DAM40MSD

ClientSampled :

BNA_N

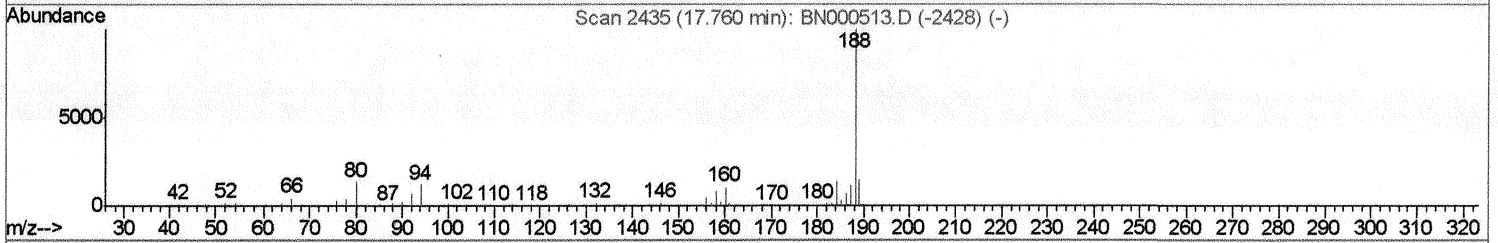
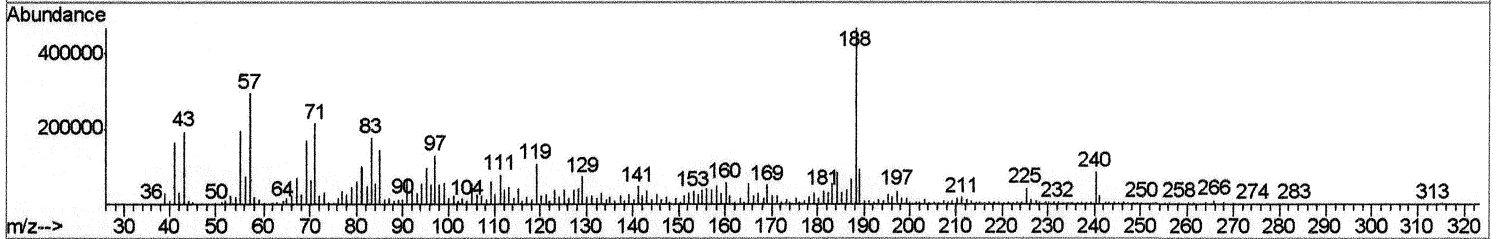
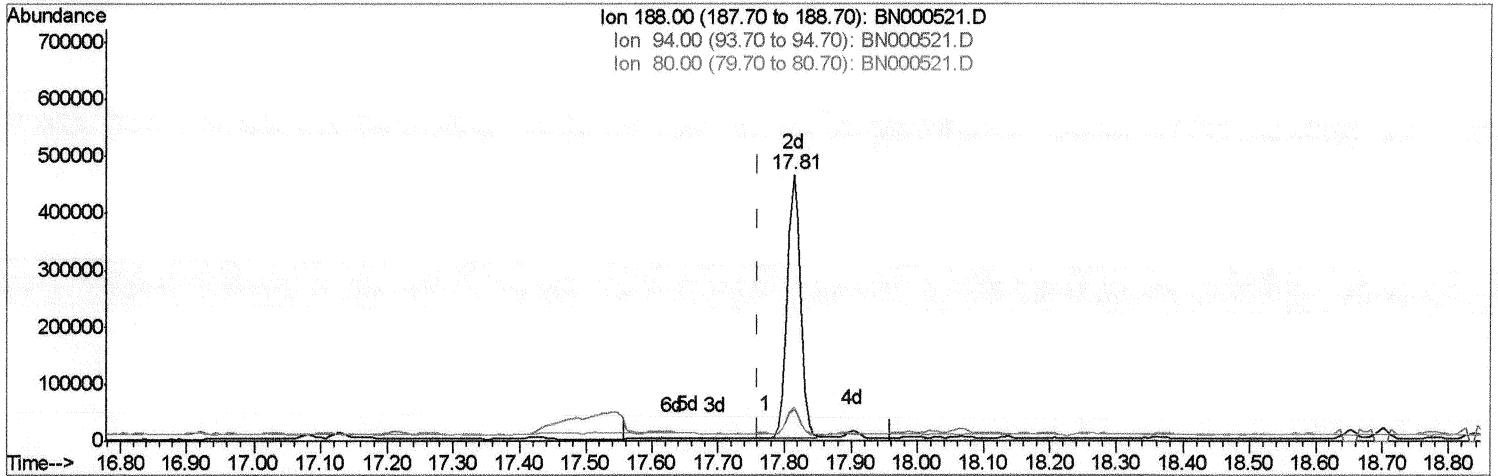
Instrument :

Thu Mar 22 07:45:18 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(61) Phenanthrene-d10 (I)

17.813min (+0.053) 20.00ng/ul m

response 655462

Ion Exp% Act%

188.00 100
 17.813min 1.77#
 2.92#
 Manual Integrations
 APPROVED
 3/22/2018 6:49:18 PM
 Sohil

JU 3/23/18

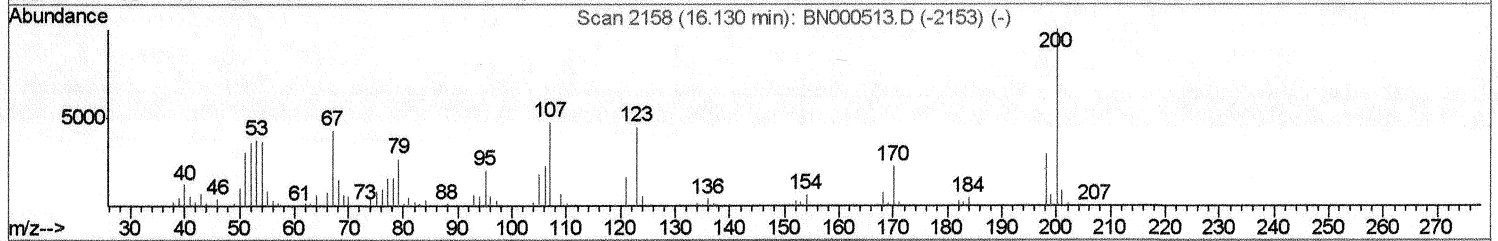
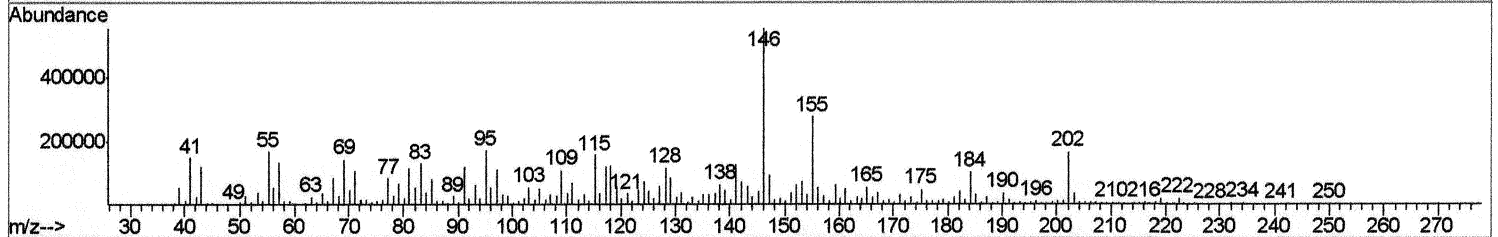
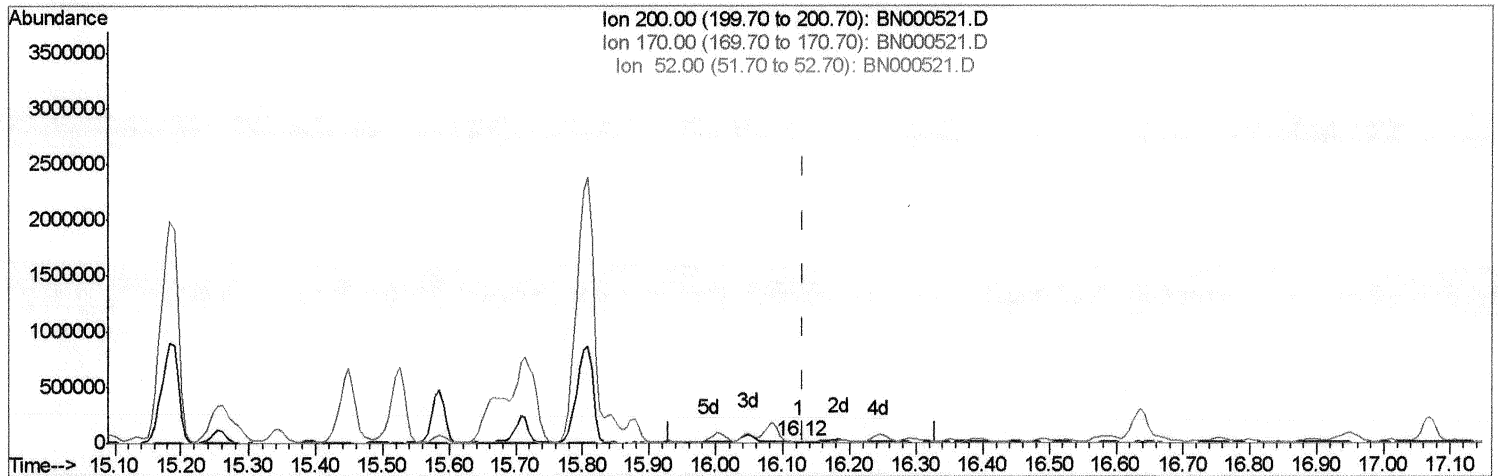
Instrument :
 BNA_N
 ClientSample :
 DAM40MSD

Thu Mar 22 07:45:37 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

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

16.125min (-0.005) 2.75ng/ul

response 10317

Ion	Exp%	Act%
200	100	100
170	61.48	61.48
52	70.07	70.07
154	0.00	0.00

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

Client Sampled :
 BNA_N

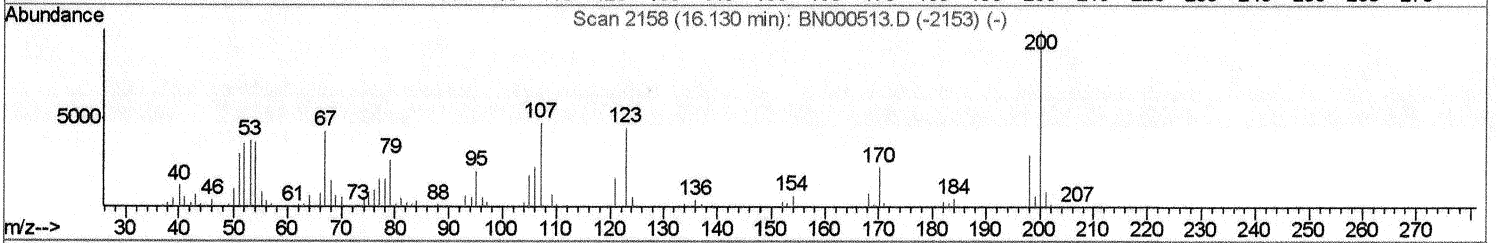
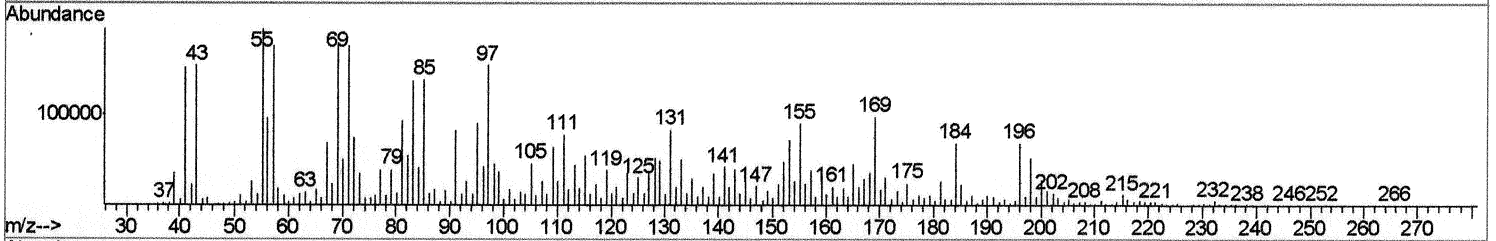
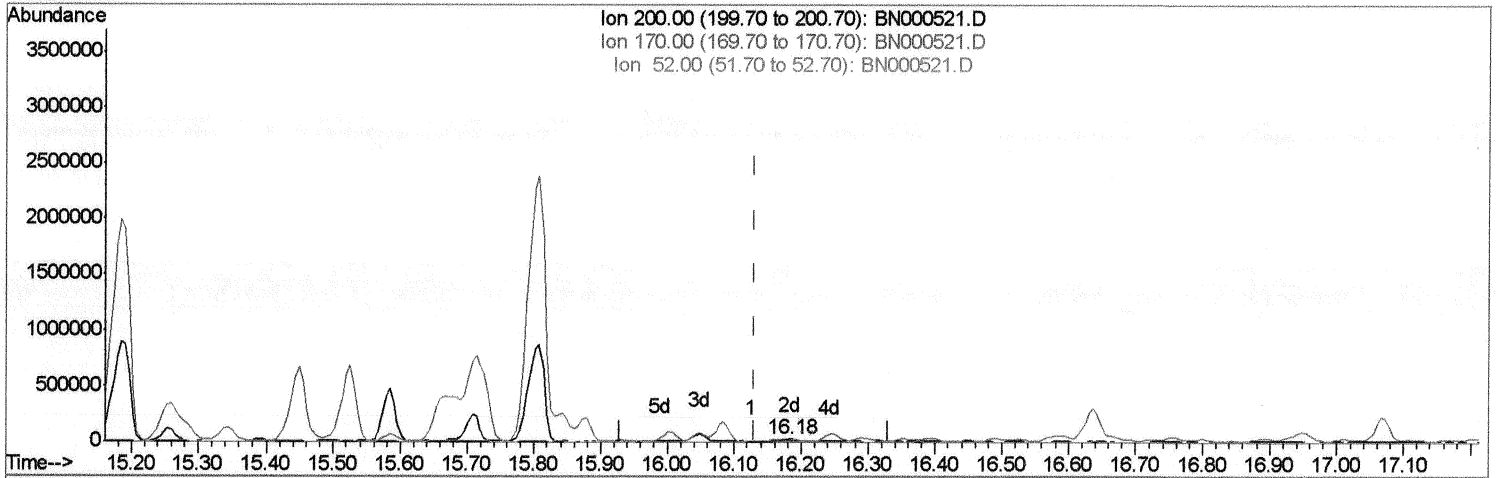
Instrument :
 DAM40MSD

SOM-EPA-BN031918.M Thu Mar 22 07:45:55 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

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

16.184min (+0.053) 9.09ng/ul m

response 34136

Ion Exp% Act%

200.00 100 100

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

DAM40MSD

ClientSampled :

BNA_N

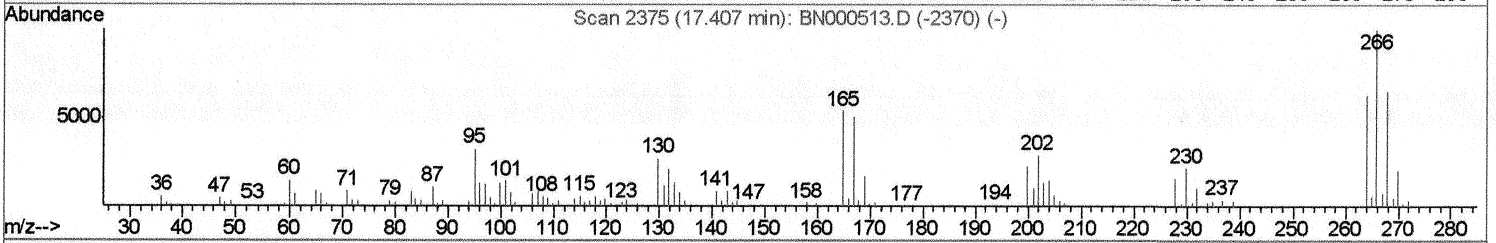
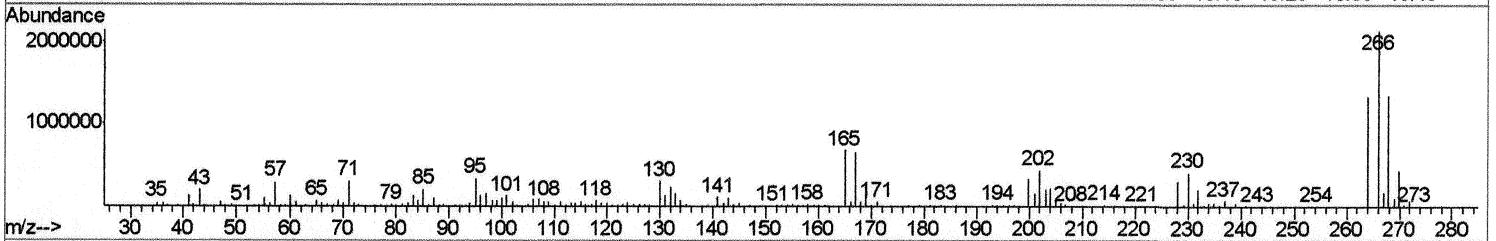
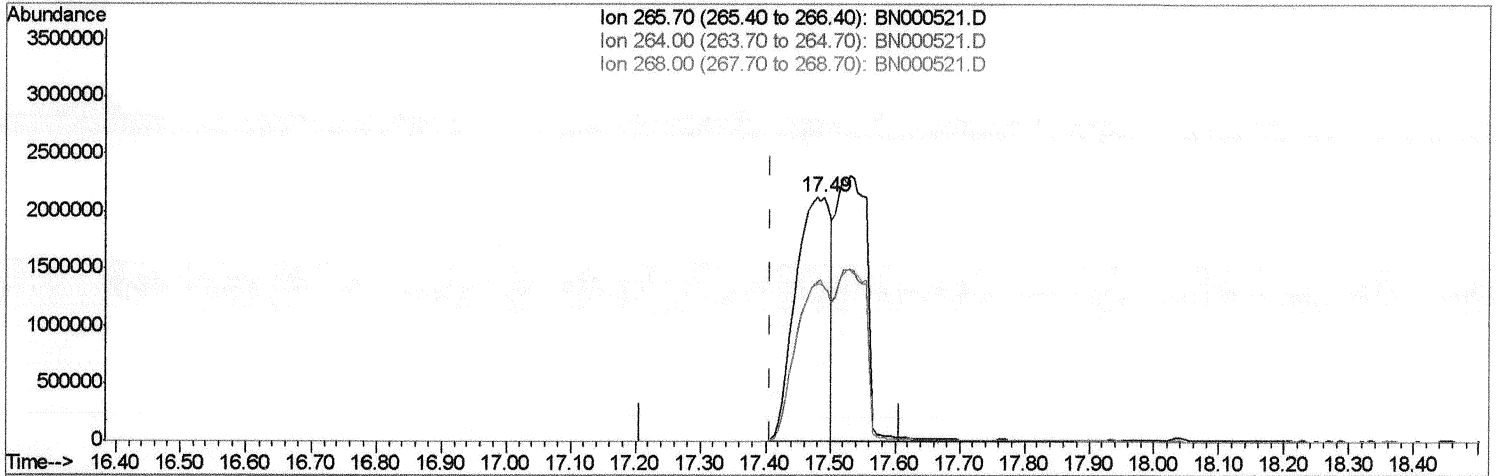
Instrument :

Thu Mar 22 07:46:05 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



TIC: BN000521.D

(68) Pentachlorophenol (C)

17.489min (+0.083) 2158.04ng/ui

response 8037157

Ion Exp% Act%

Ion	Exp%	Act%
265.70	100	100
264.00	62.56	62.56
268.00	63.35	63.35
266.40	100	100

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

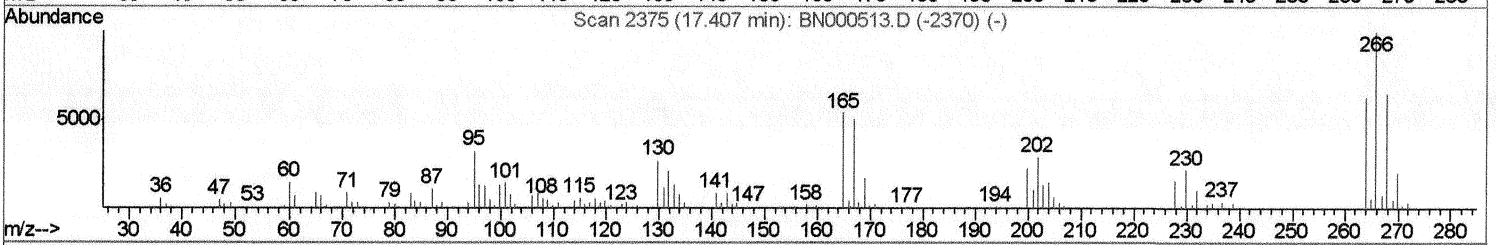
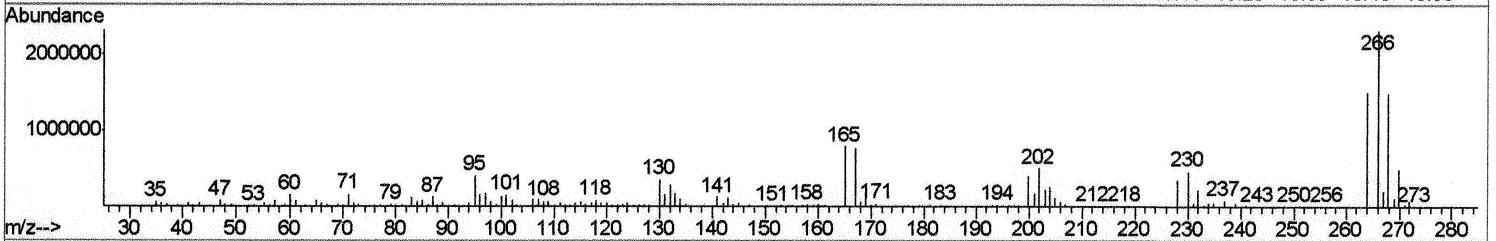
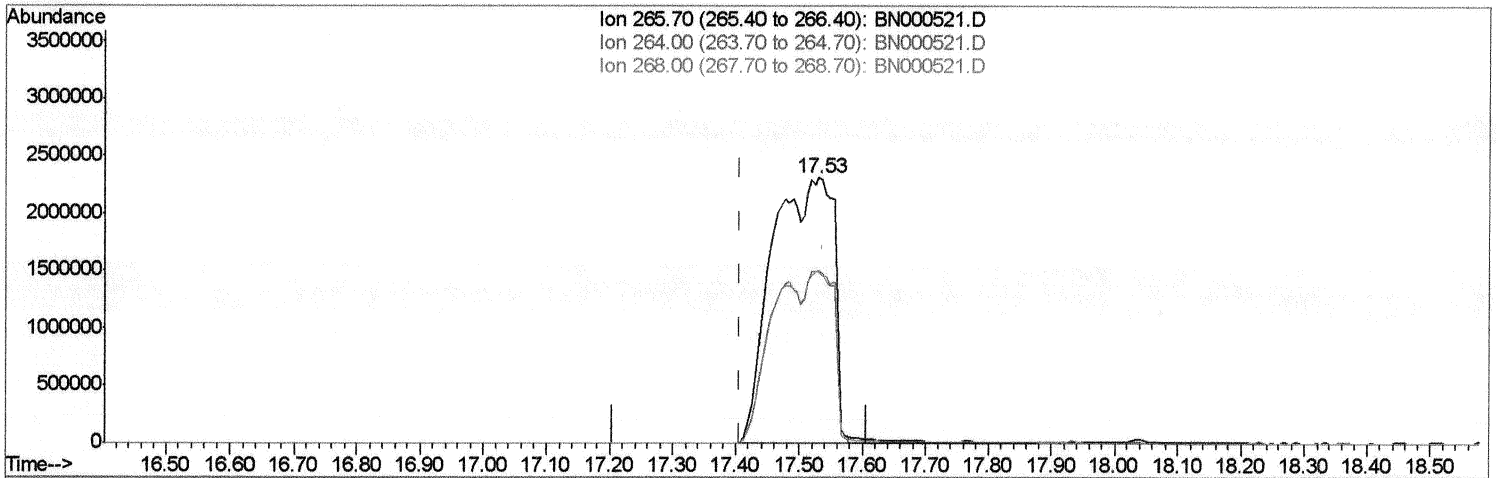
Client Sampled :
 BNA_N
 Instrument :
 DAM40MSD

Thu Mar 22 07:46:14 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:45:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



(68) Pentachlorophenol (C)

17.531min (+0.124) 4159.64ng/ul m

response 15491729

Ion Exp% Act%

265.70 100 100

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

65.03

64.54

0.00

ClientSampled : BNA_N

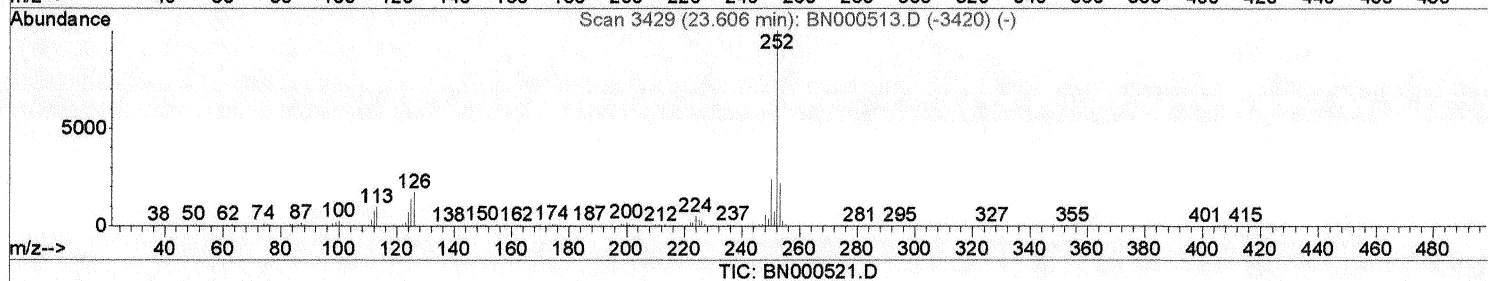
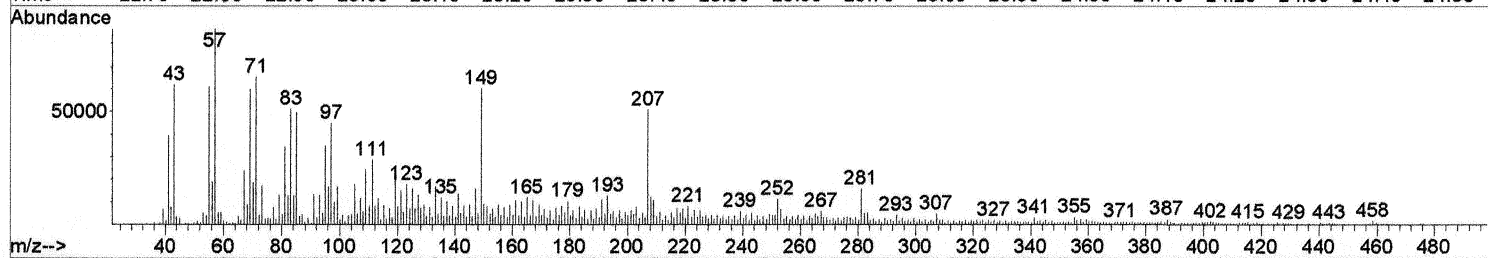
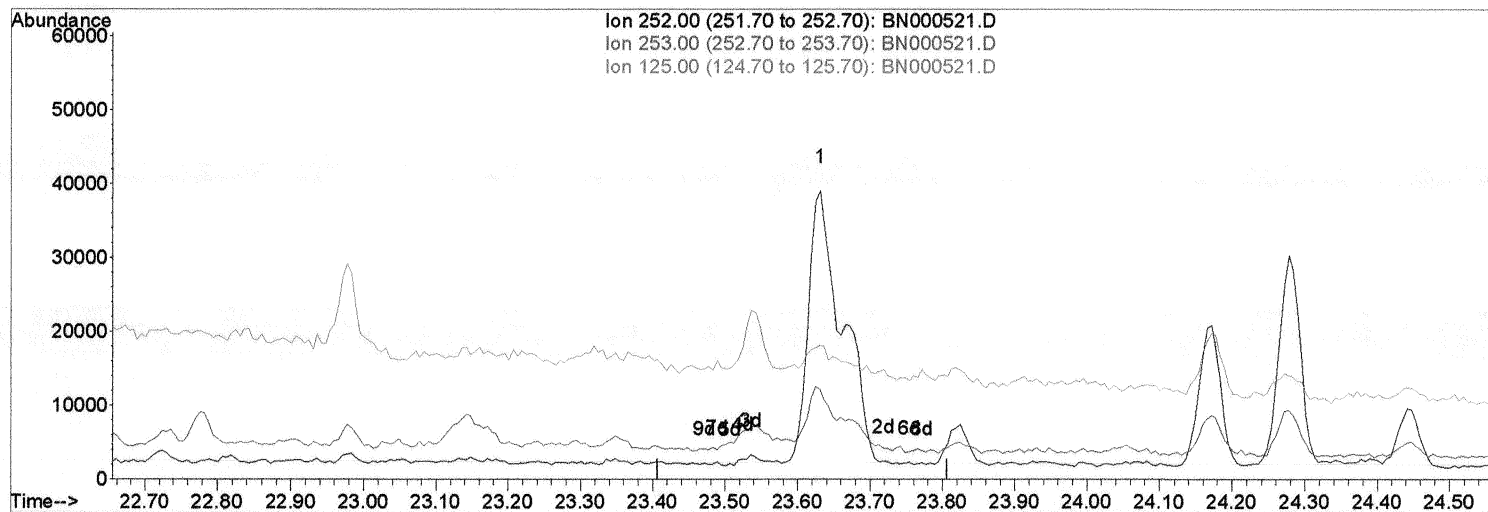
Instrument : DAM40MSD

Thu Mar 22 07:46:21 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000521.D
Acq On : 21 Mar 2018 15:52
Operator : JU/SJ
Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 12:24:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration



(85) Benzo(b)fluoranthene

23.606min (-23.606) 0.00ng/ul d

response 0

Ion	Exp%	Act%
-----	------	------

3/22/2018 6:49:18 PM	0.00	0.00
----------------------	------	------

Sohil

APPROVED

Manual Integrations

DAM40MSD

ClientSampled :

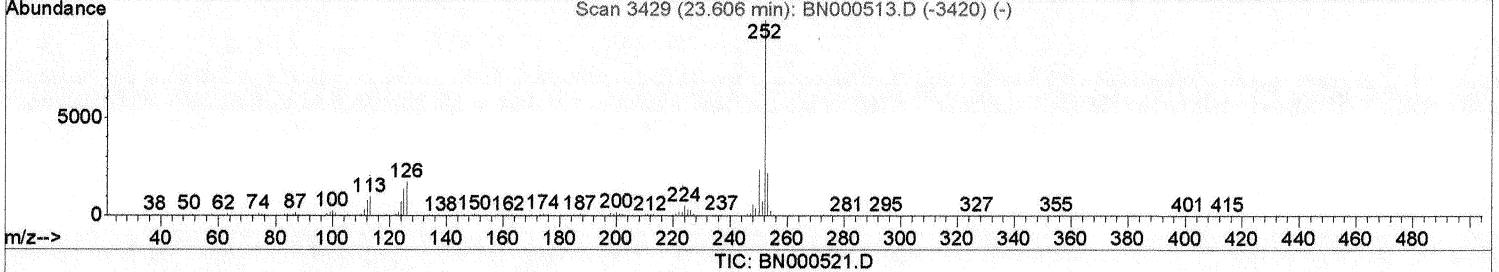
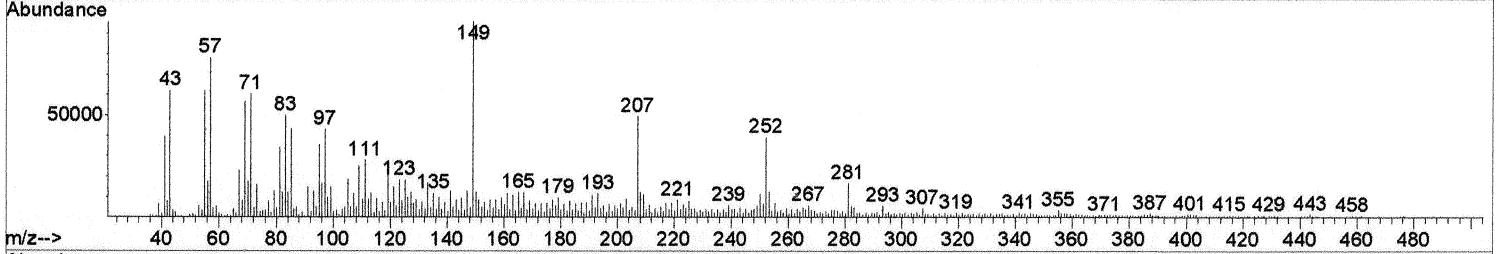
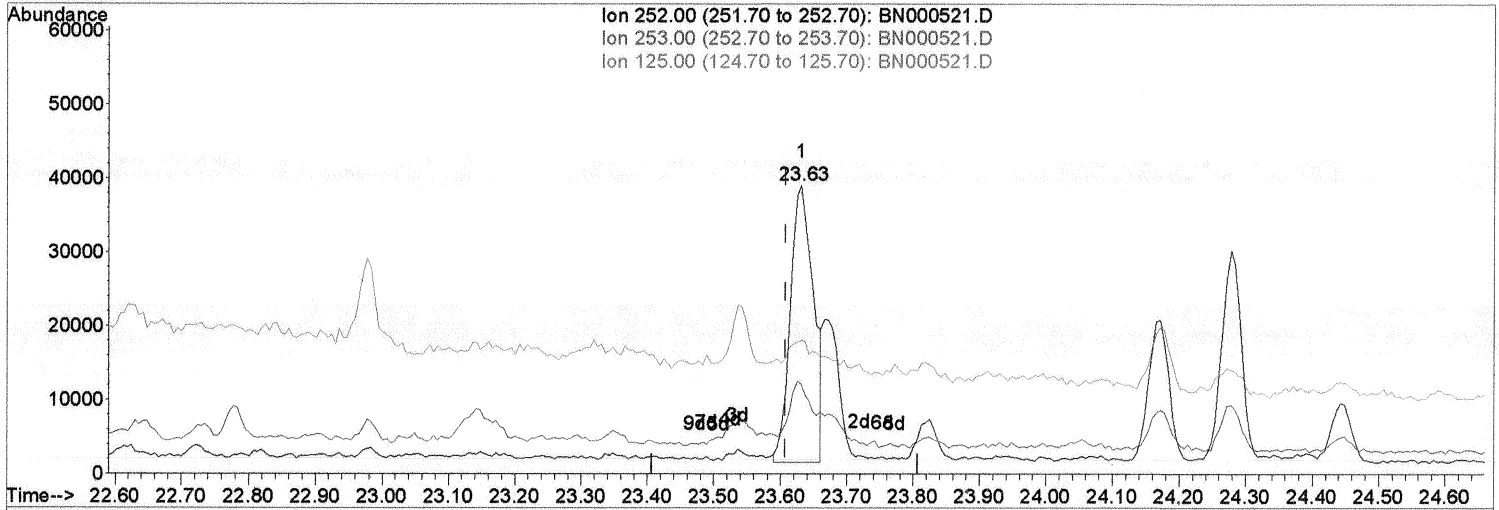
BNA_N

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 12:24:02 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



(85) Benzo(b)fluoranthene

23.630min (+0.024) 2.61ng/ul m

response 90668

Ion Exp% Act%

3/22/2018 6:49:18 PM 100

Sohil 31.12#

APPROVED 16.44#

Manual Integrations

DAM40MSD 100

ClientSample:

BNA_N

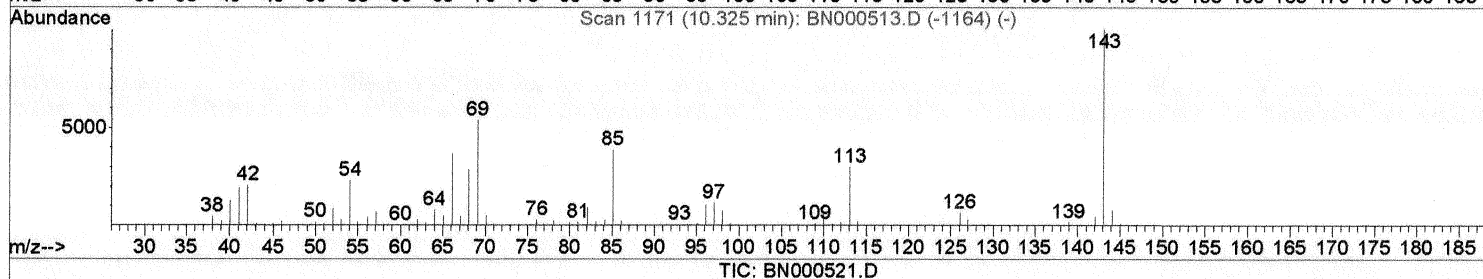
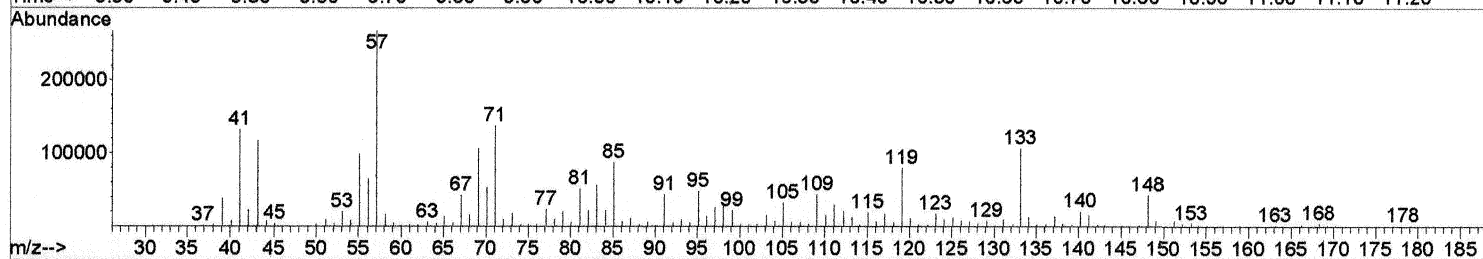
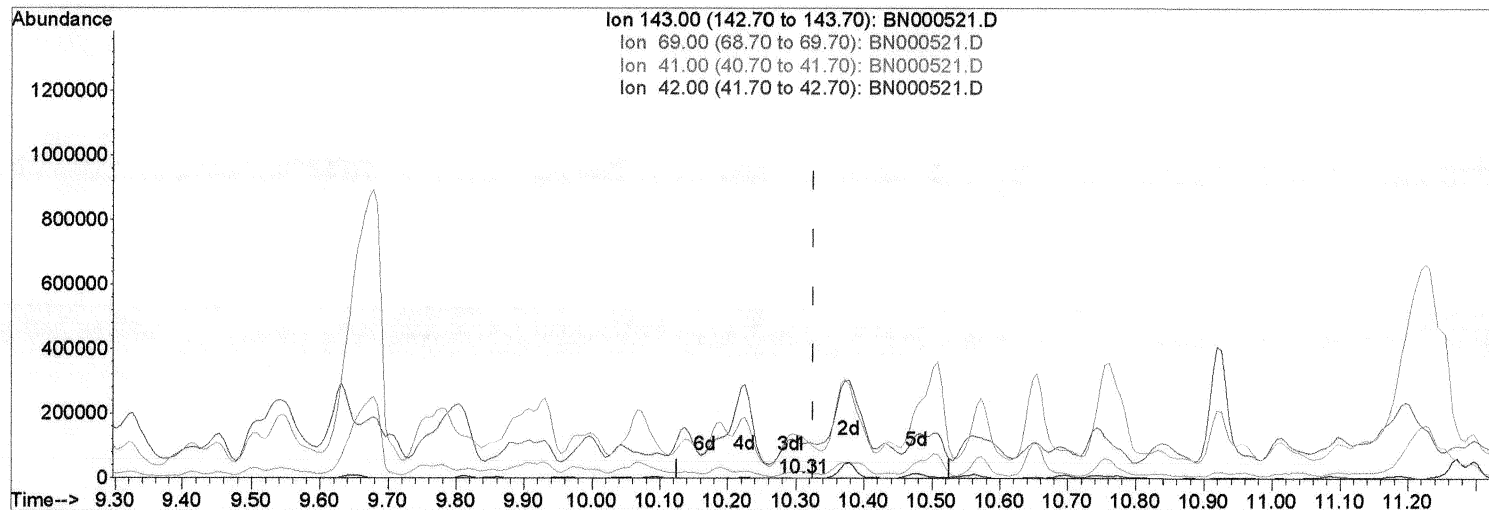
Instrument:

JU 3/23/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000521.D
Acq On : 21 Mar 2018 15:52
Operator : JU/SJ
Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:46:18 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

10.307min (-0.017) 0.06ng/ul

response 258

Ion	Exp%	Act%
143	100	100
69	3113.09	6237.04
41	690.37	

3/22/2018 6:49:18 PM

Sohil

APPROVED

Manual Integrations

Client Sampled :

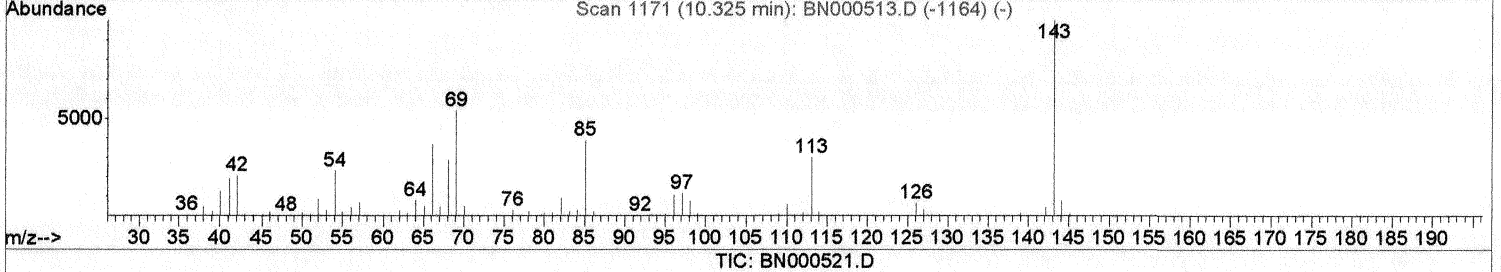
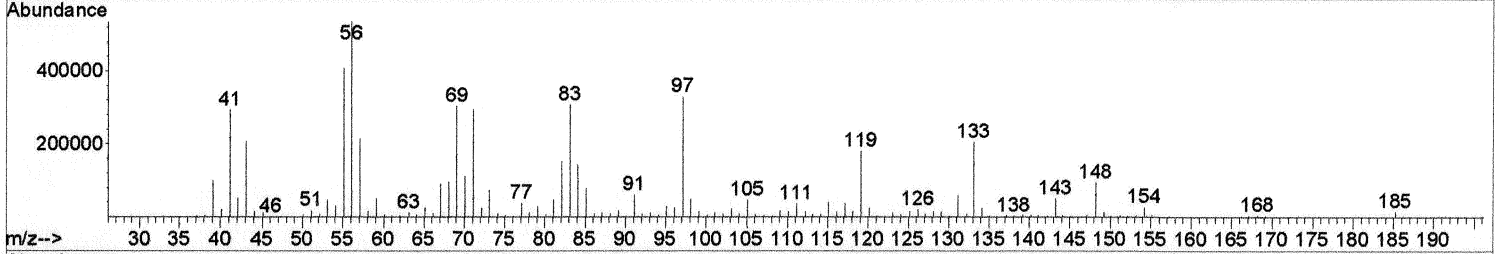
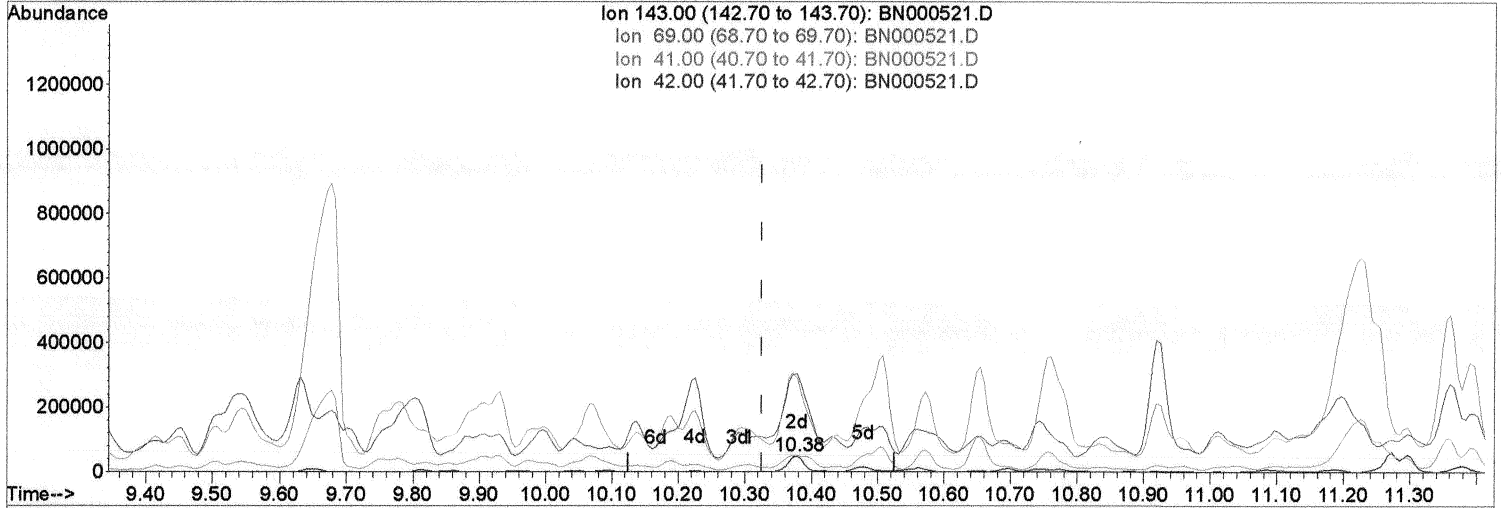
BNA_N

Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 22 07:46:18 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration



(22) 2-Nitrophenol-d4 (S)

10.378min (+0.053) 16.95ng/ul m

response 78501

Ion Exp% Act%

3/22/2018 6:49:18 PM 00

Sohil

APPROVED 23.83#

Manual Integrations 01.68#

DAM40MSD 03.08#

ClientSampled :

BNA_N

Instrument :

JU 3/23/18

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
 Data File : BN000521.D
 Acq On : 21 Mar 2018 15:52
 Operator : JU/SJ
 Sample : J1905-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DAM40MSD

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:49:18 PM

Quant Time: Mar 28 03:34:45 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	152374	20.00	ng/ul	0.02
18) Naphthalene-d8	11.27	136	550567	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	317198	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.81	188	655462m	20.00	ng/ul	0.05
75) Chrysene-d12	21.90	240	598393	20.00	ng/ul	0.01
83) Perylene-d12	24.39	264	549622	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	13868	3.25	ng/uL	0.00
5) Phenol-d5	7.57	99	16826	1.18	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.72	67	55923	6.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	7488	0.70	ng/ul	0.02
13) 4-Methylphenol-d8	9.21	113	22850m	2.06	ng/ul	0.08
19) Nitrobenzene-d5	9.63	128	23524	5.26	ng/ul	0.04
22) 2-Nitrophenol-d4	10.38	143	78501m	16.95	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.90	165	11422	1.38	ng/ul	0.04
29) 4-Chloroaniline-d4	11.37	131	284750	33.41	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	20064	0.80	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	25804	0.78	ng/ul	0.02
51) 4-Nitrophenol-d4	15.25	143	102334	21.99	ng/ul	0.04
57) Fluorene-d10	16.05	176	35485	1.66	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.18	200	34136m	9.09	ng/ul	0.05
70) Anthracene-d10	17.90	188	19868	0.63	ng/ul	0.04
76) Pyrene-d10	20.14	212	29920	0.91	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.23	264	13501	0.52	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.61	94	26746	1.844	ng/ul#	1
28) Naphthalene	11.33	128	1444861	49.973	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.55	107	47276	4.990	ng/ul#	43
34) 2-Methylnaphthalene	12.91	142	2521525	130.628	ng/ul	99
38) 2,4,6-Trichlorophenol	13.51	196	24706	3.822	ng/ul	98
39) 2,4,5-Trichlorophenol	13.60	196	26417	3.919	ng/ul	97
40) 1,1'-Biphenyl	13.89	154	315297	11.677	ng/ul#	95
49) Acenaphthene	15.12	153	148119	6.708	ng/ul#	81
52) 4-Nitrophenol	15.29	109	191822m	53.345	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	15.70	232	2824992	548.878	ng/ul#	79
58) Fluorene	16.10	166	280281	11.760	ng/ul#	83
68) Pentachlorophenol	17.53	266	15491729m	4159.642	ng/ul	
69) Phenanthrene	17.85	178	1113642	29.492	ng/ul#	93
71) Anthracene	17.94	178	106522	2.751	ng/ul#	68
74) Fluoranthene	19.81	202	455408	12.137	ng/ul#	81
77) Pyrene	20.17	202	464763	10.634	ng/ul#	77
80) Benzo(a)anthracene	21.88	228	108510	2.722	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.75	149	296365	9.403	ng/ul	97
82) Chrysene	21.94	228	107556	2.878	ng/ul#	85
84) Di-n-octyl phthalate	22.71	149	442700	9.569	ng/ul	100
85) Benzo(b)fluoranthene	23.63	252	90668m	2.611	ng/ul	

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
Data File : BN000521.D
Acq On : 21 Mar 2018 15:52
Operator : JU/SJ
Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 03:34:45 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations
APPROVED

Sohil
3/22/2018 6:49:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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