

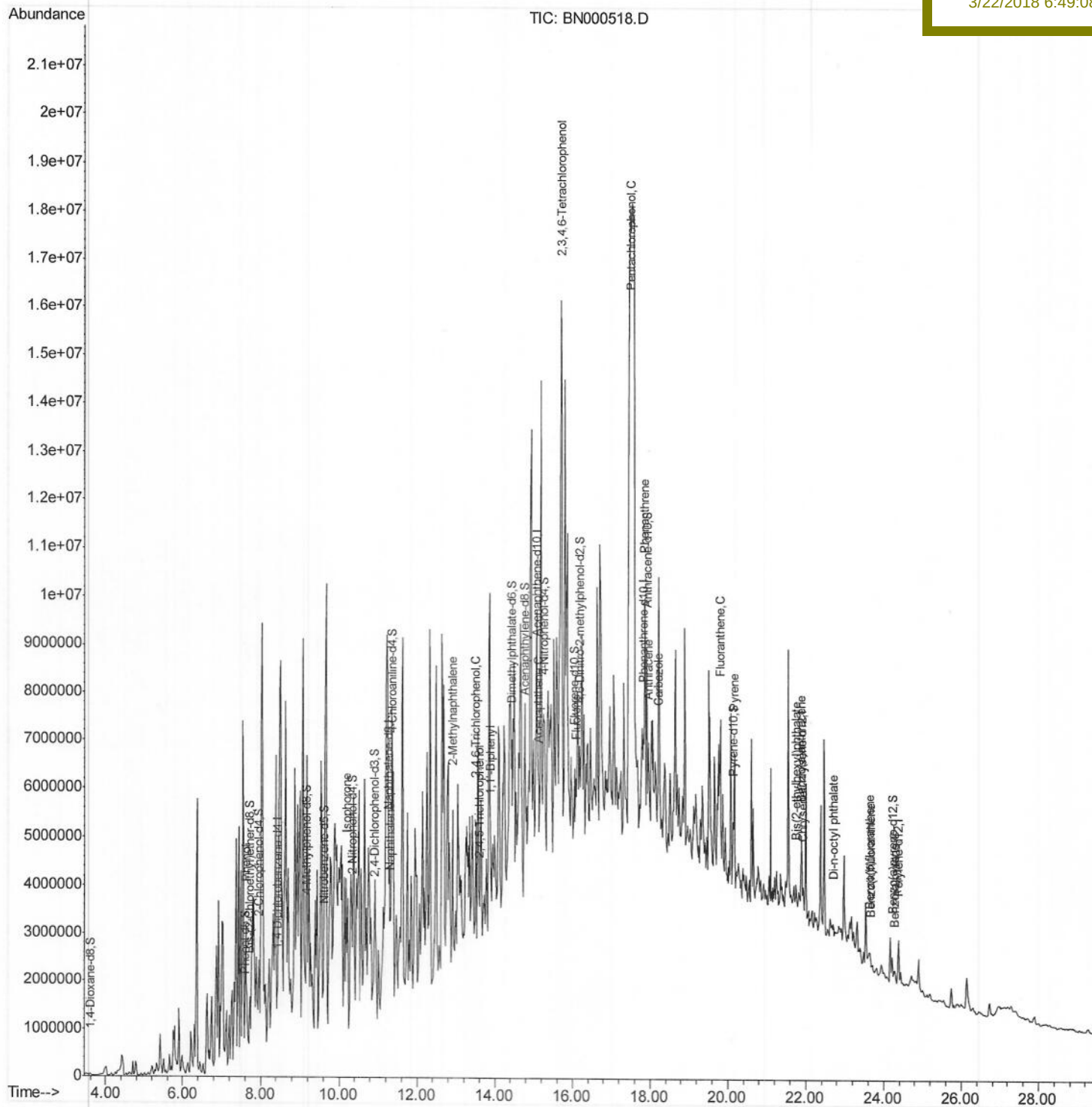
Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000518.D
Acq On : 21 Mar 2018 14:09
Operator : JU/SJ
Sample : J1905-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 09:31:38 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 Sampled :
DAM45

Manual Integrations
APPROVED

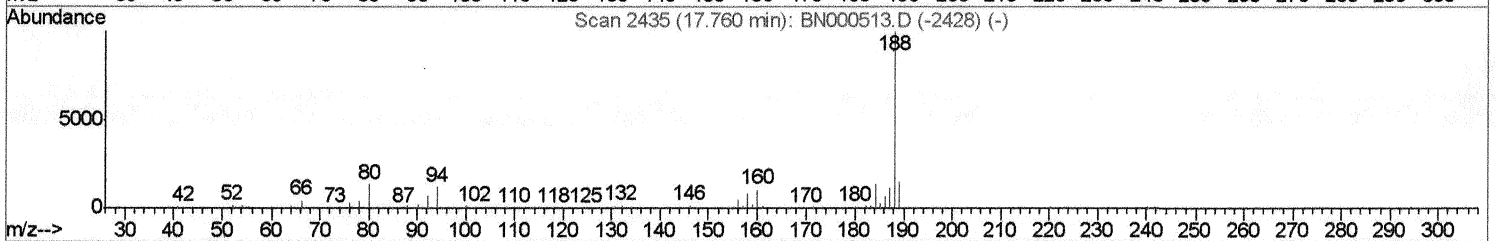
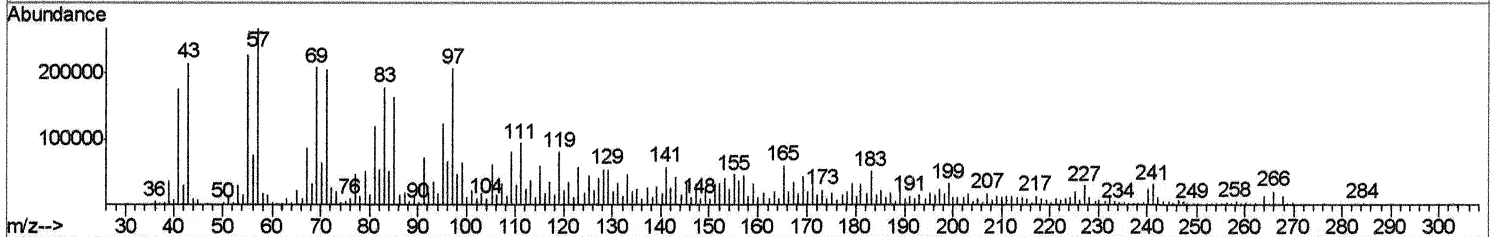
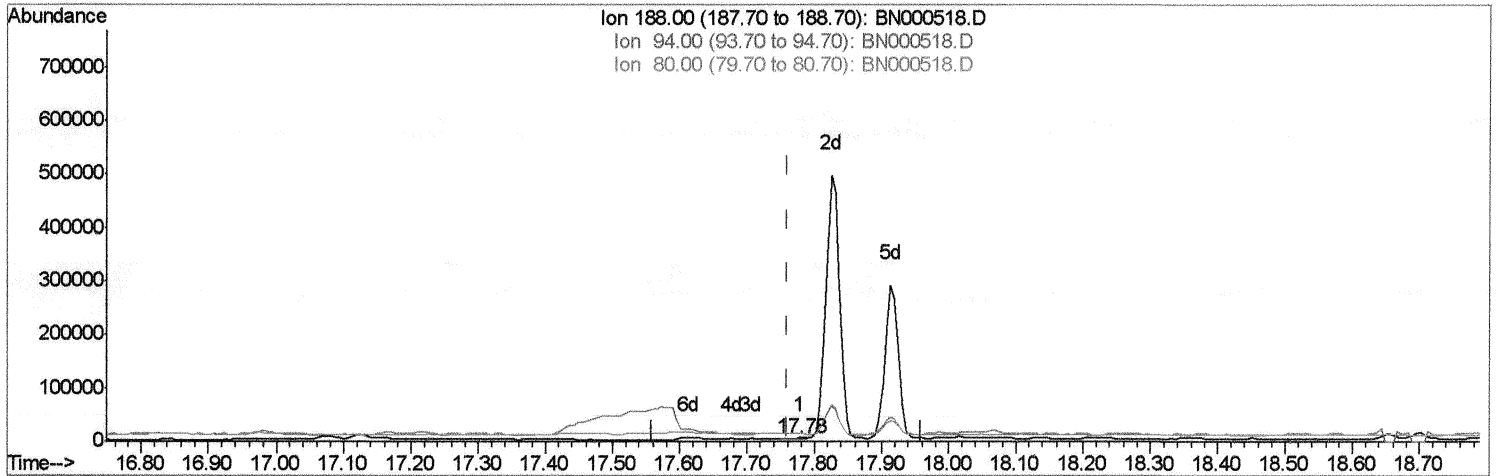
Sohil
3/22/2018 6:49:08 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 01:36:29 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: BN000518.D

(61) Phenanthrene-d10 (I)

17.778min (+0.018) 20.00ng/ul

response 3407

Ion Exp% Act%

Ion	Exp%	Act%
188	100	100
187	52.71	52.71
189	46.12	46.12
190	0.00	0.00

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Manual Integrations

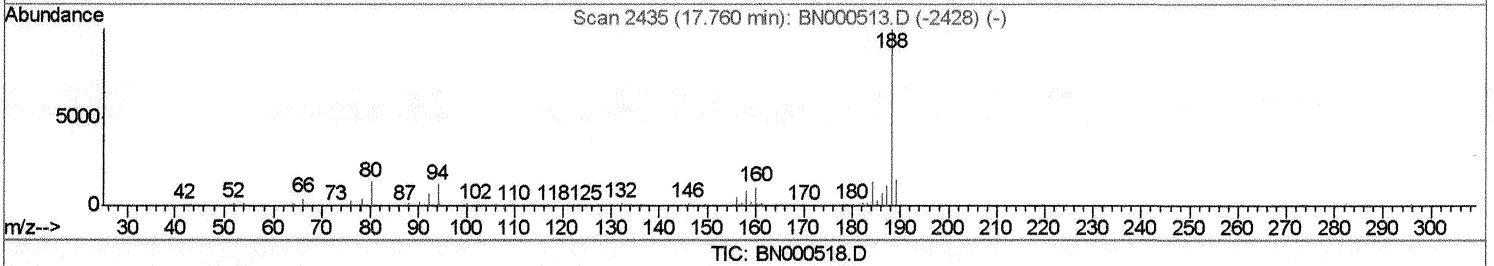
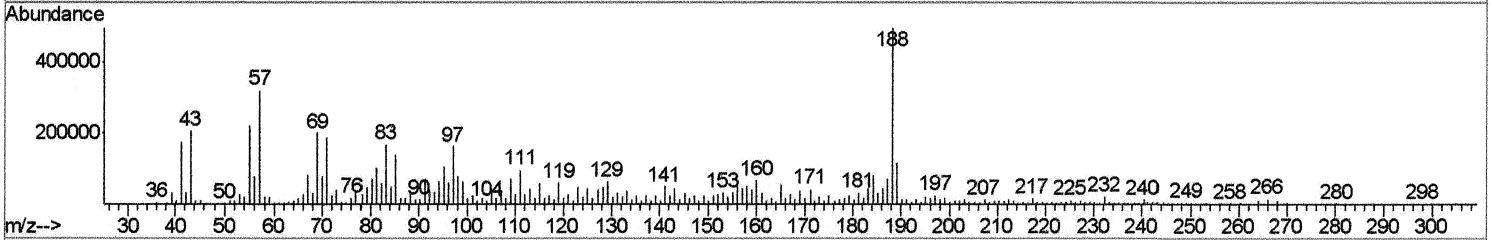
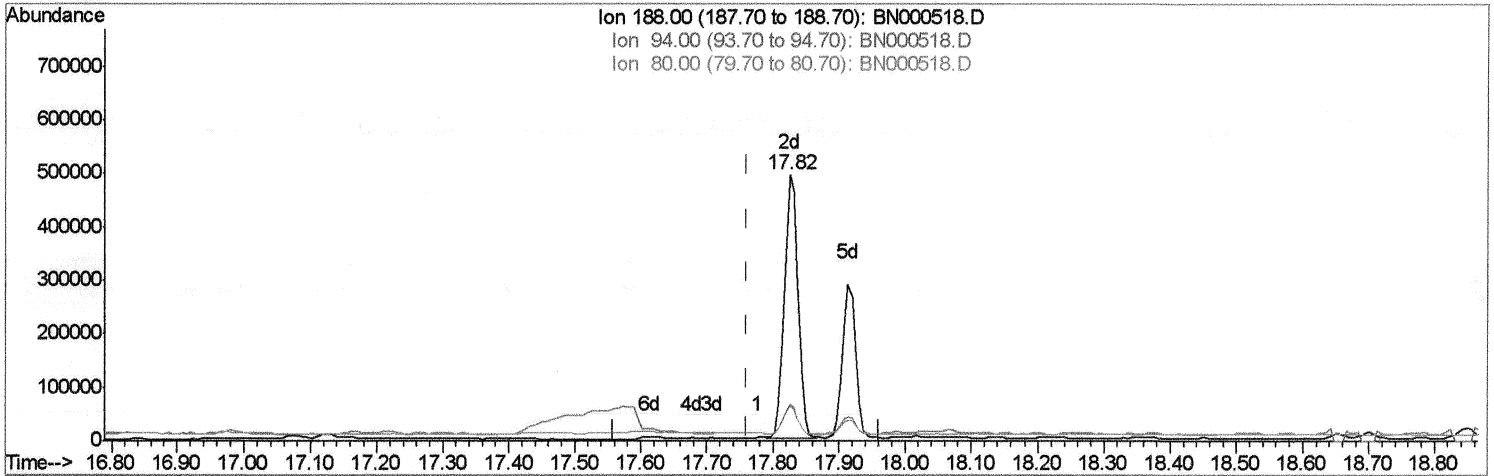
Instrument :
 BNA_N
 ClientSampled :
 DAM45

SOM-EPA-BN031918.M Thu Mar 22 05:44:20 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 01:36:29 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)

17.825min (+0.065) 20.00ng/ul m

response 710574

Ion Exp% Act%

Ion	Exp%	Act%
188	100	100
94	3.34	3.34#
80	4.15	4.15#
100	0.00	0.00

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Manual Integrations

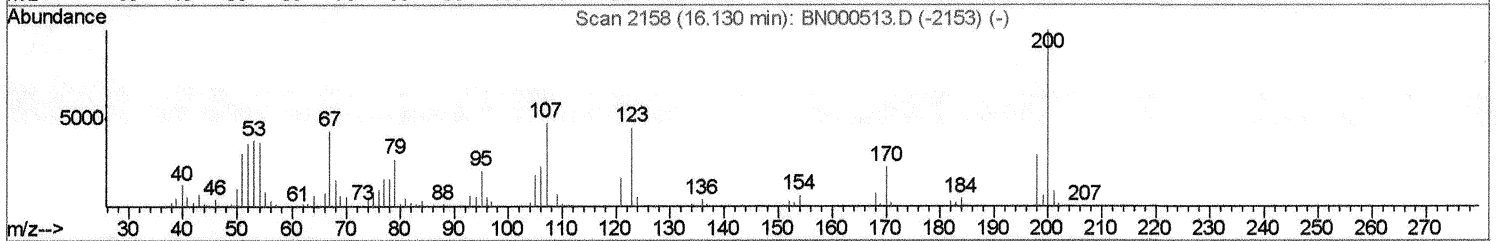
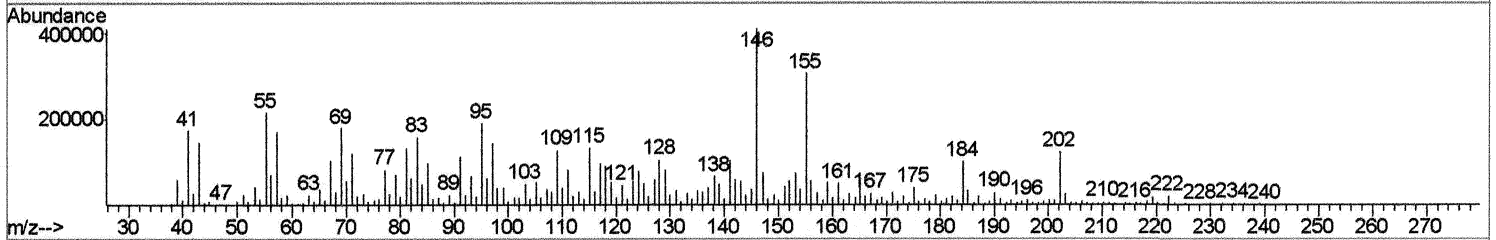
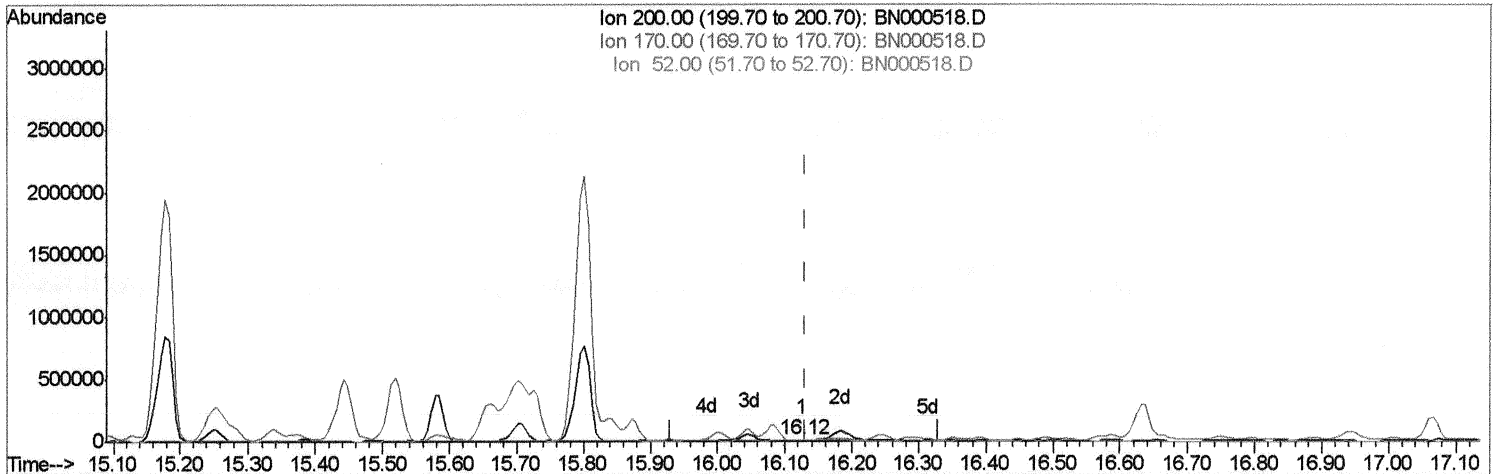
DAM45
 Client Sampled :
 BNA_N
 Instrument :

JU 3/23/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

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

16.125min (-0.006) 2.03ng/ul

response 8249

Ion Exp% Act%

Ion	Exp%	Act%
100		
67.57#		
75.28#		
0.00		

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APPROVED

Manual Integrations

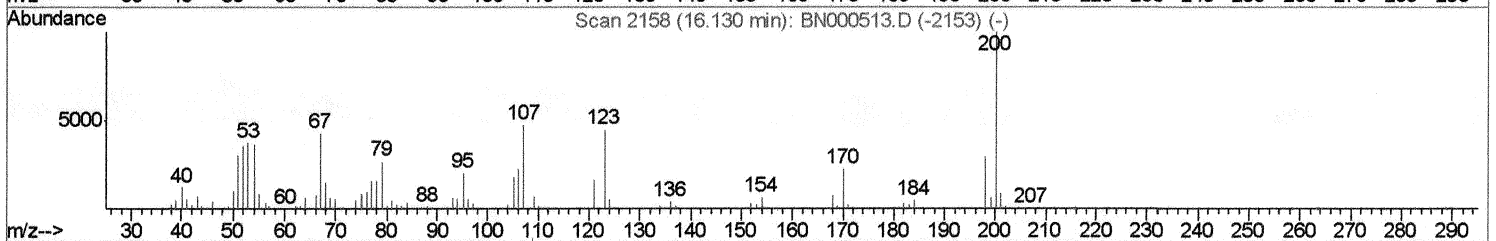
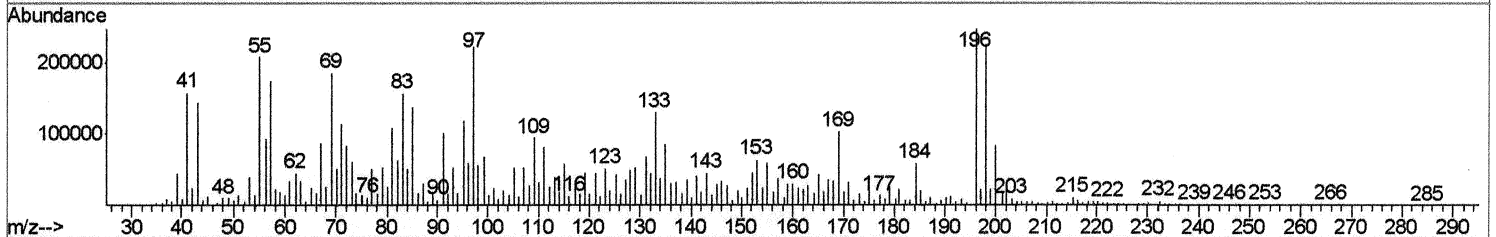
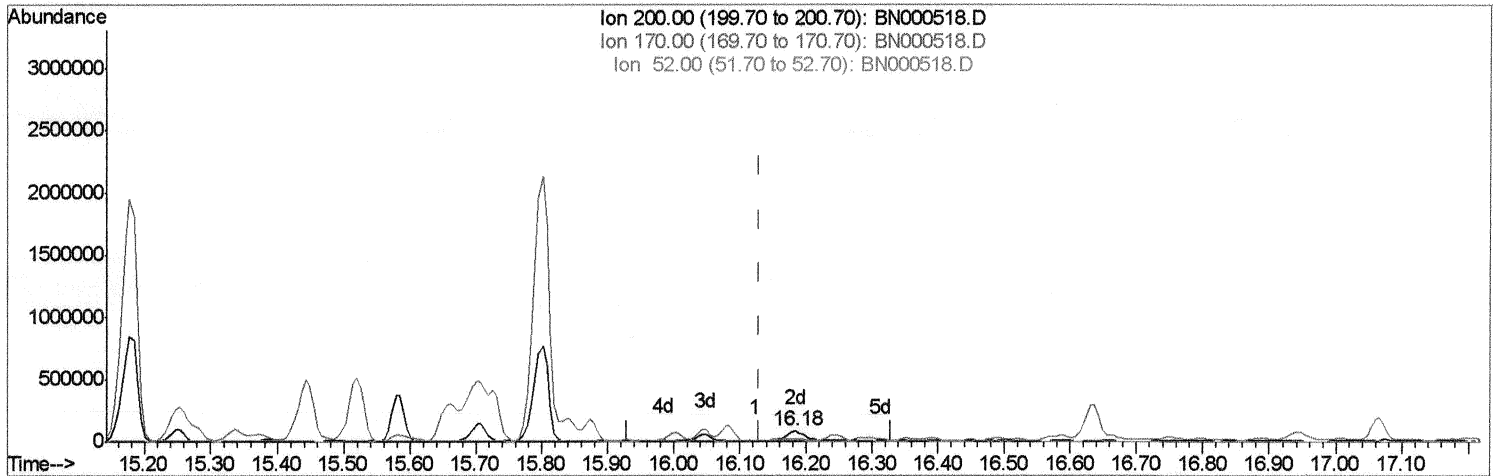
DAM45
 ClientSampled :
 BNA_N
 Instrument :

SOM-EPA-BN031918.M Thu Mar 22 05:46:13 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

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

16.184min (+0.053) 35.32ng/ul m

response 143735

Ion Exp% Act%

100
 22.65#
 6.47#
 0.00

3/22/2018 6:49:08 PM

Sohil

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Manual Integrations

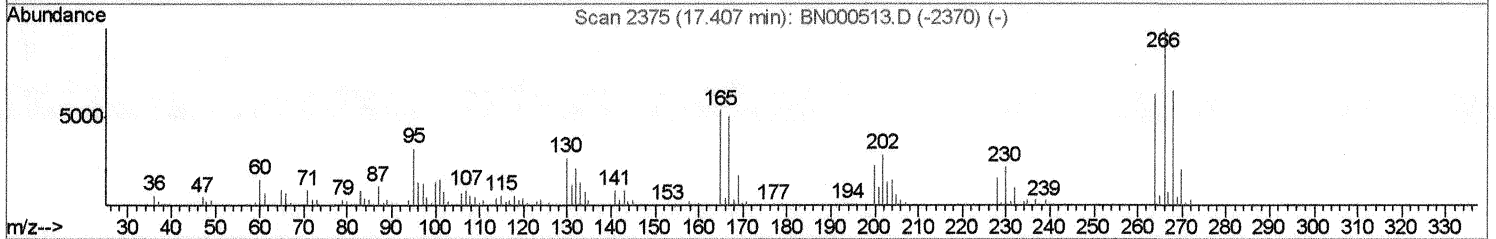
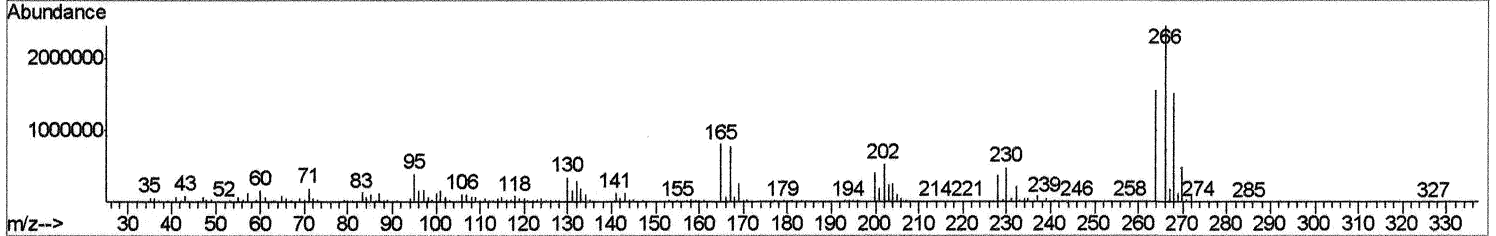
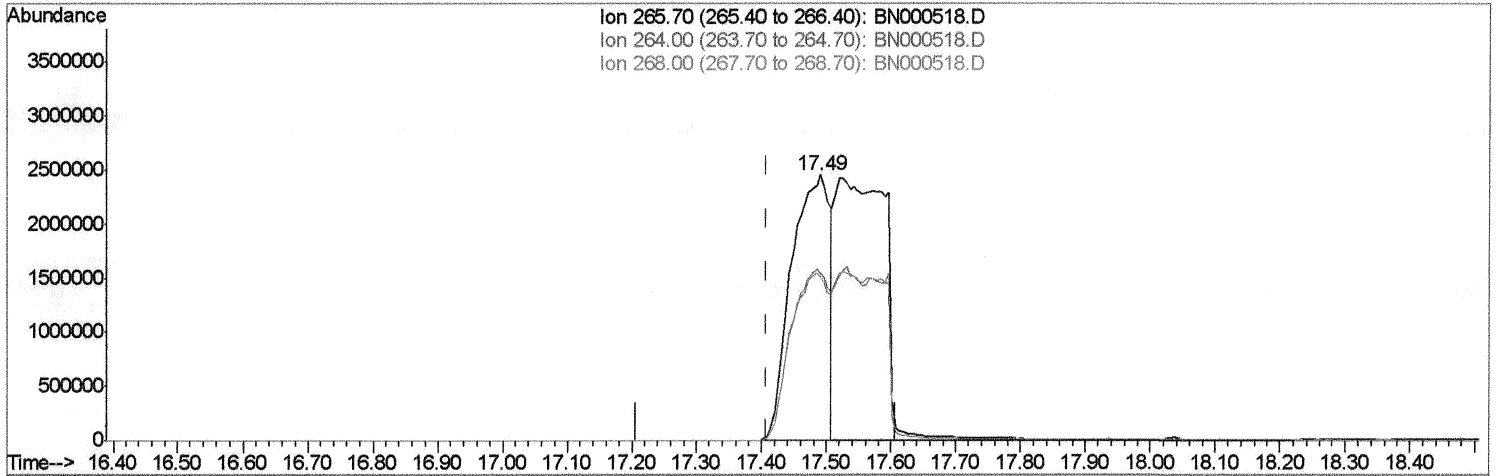
DAM45
 ClientSampled :
 BNA_N
 Instrument :

SOM-EPA-BN031918.M Thu Mar 22 05:46:23 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(68) Pentachlorophenol (C)

17.489min (+0.083) 2501.31ng/ul

response 10098866

Ion Exp% Act%

Ion	Exp%	Act%
100		
63.19		
61.92		
100		

3/22/2018 6:49:08 PM

Sohil

APPROVED

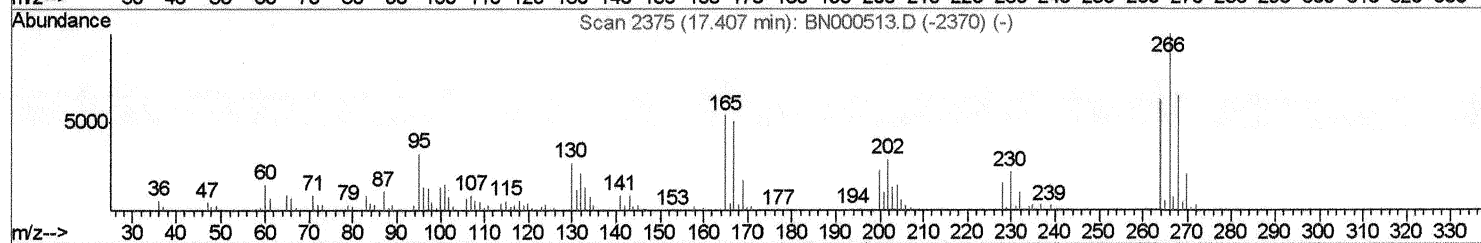
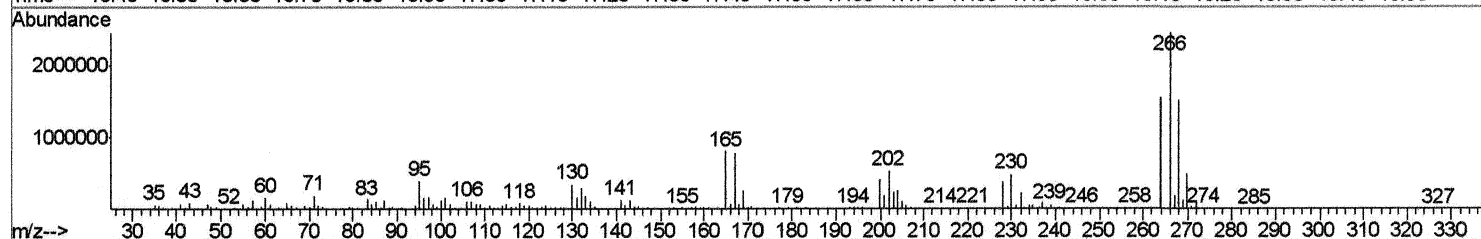
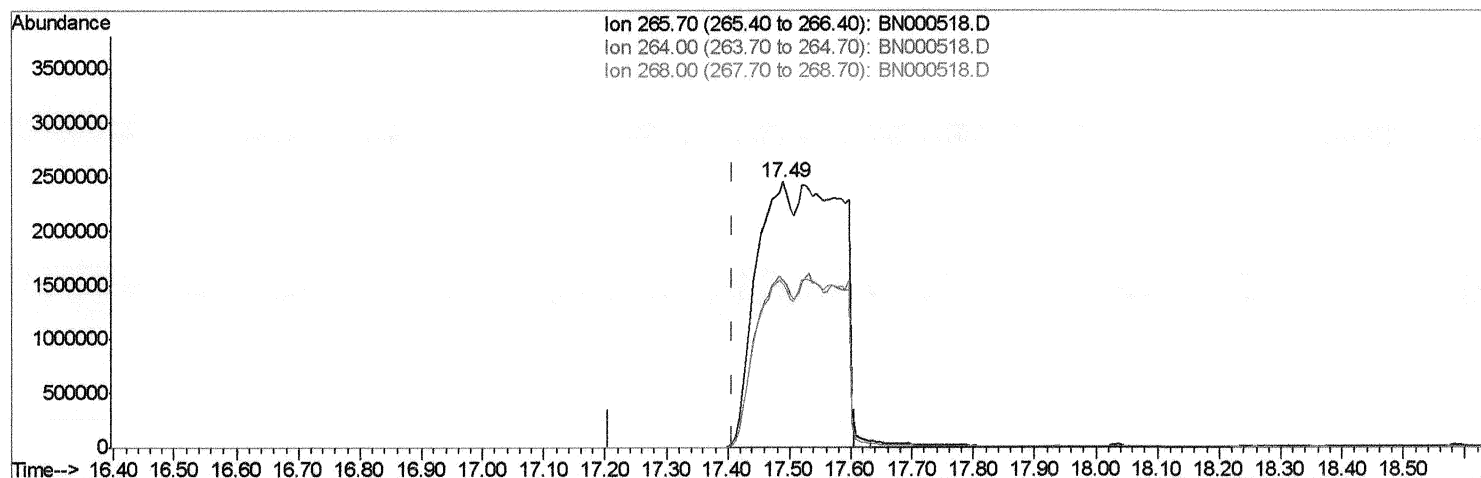
Manual Integrations

DAM45
 ClientSampled :
 BNA_N
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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)

17.489min (+0.083) 5606.78ng/ul m JU 3/23/18

response 22637031

Ion	Exp%	Act%
100		
63.19		
61.92		
100		

3/22/2018 6:49:08 PM

Sohil

APPROVED

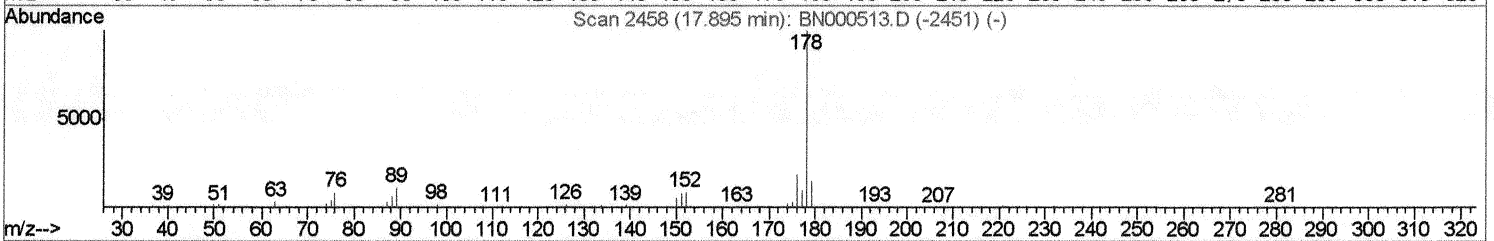
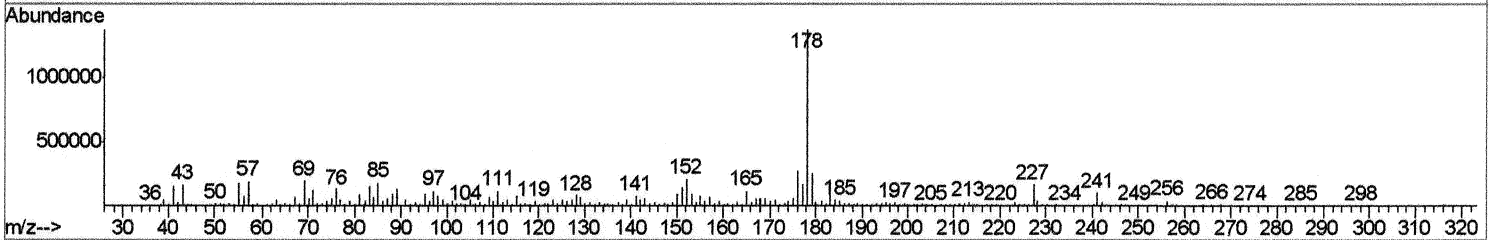
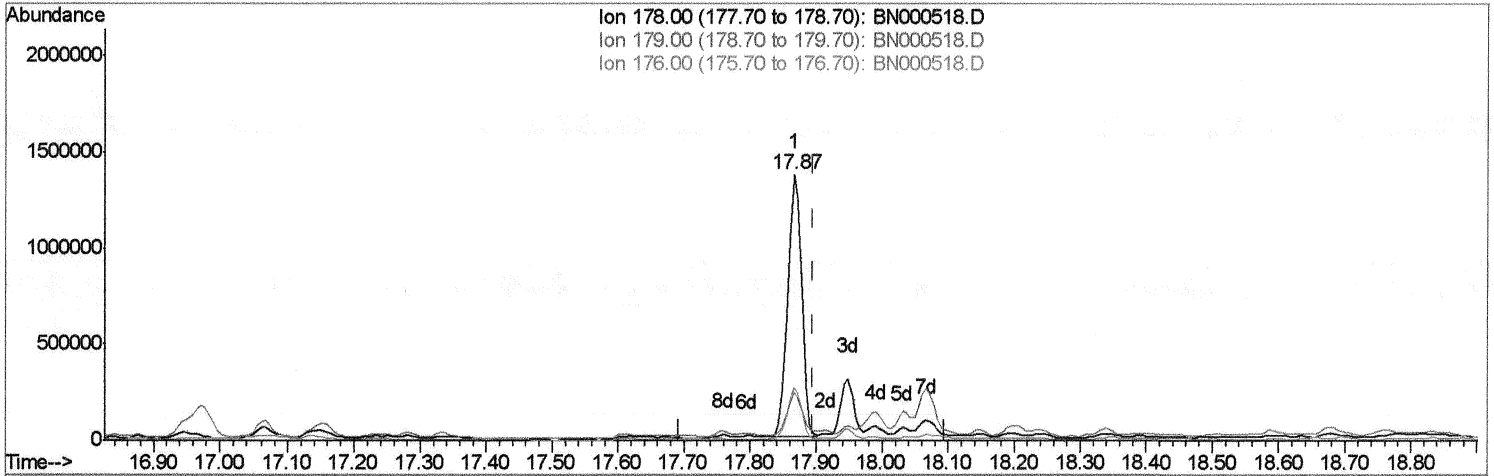
Manual Integrations

Instrument : BNA_N
 ClientSampled : DAM45

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(71) Anthracene

17.866min (-0.029) 47.65ng/ul

response 2000066

Ion Exp% Act%

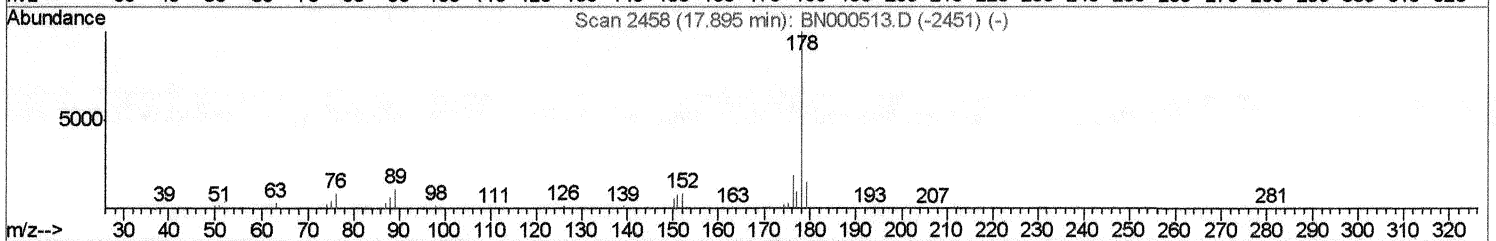
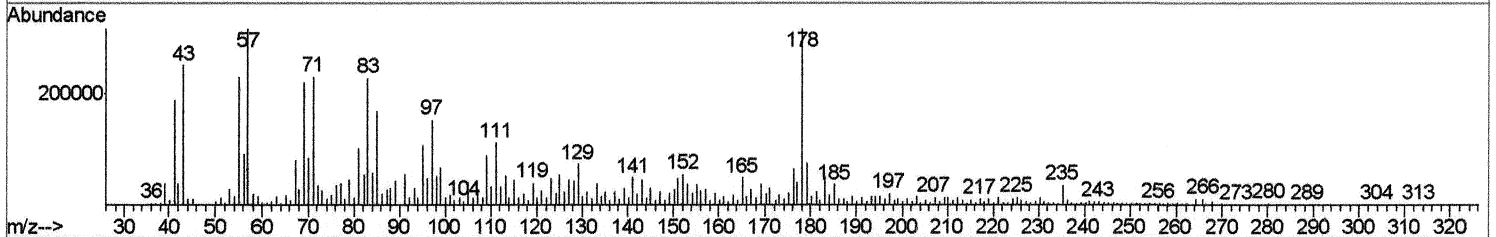
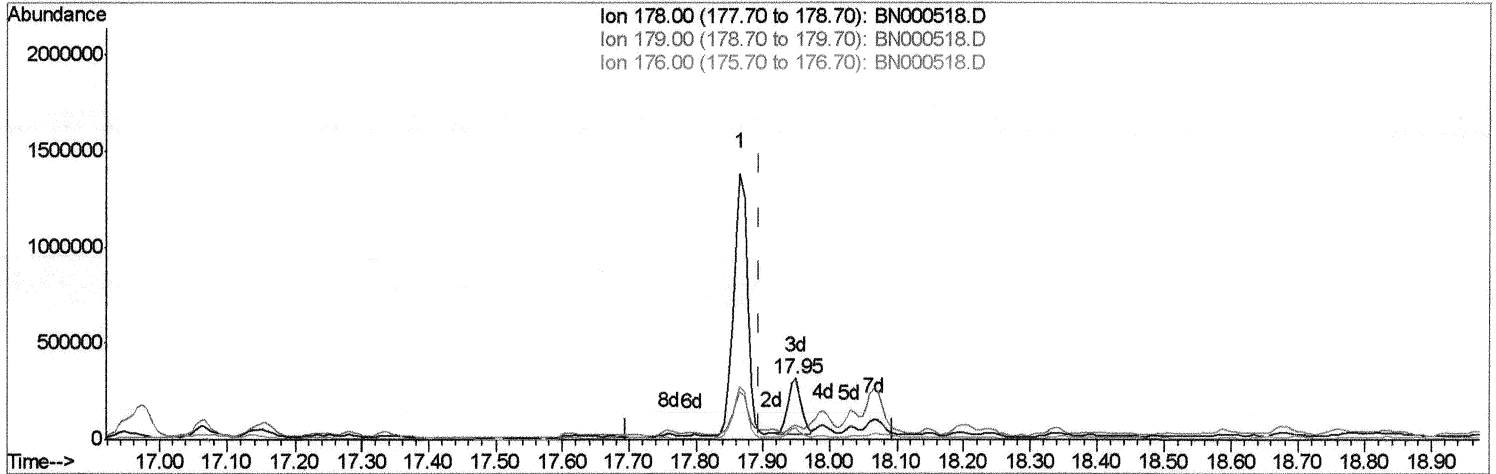
100
 18.22
 20.09
 0.00
 Manual Integrations
 APPROVED
 Sohll
 3/22/2018 6:49:08 PM

DAM45
 ClientSampled :
 BNA_N
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(71) Anthracene

17.948min (+0.053) 9.79ng/ul m

response 411059

Ion Exp% Act%

JU 3/23/18

3/22/2018 6:49:08 PM

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Manual Integrations

Client's Sampled :

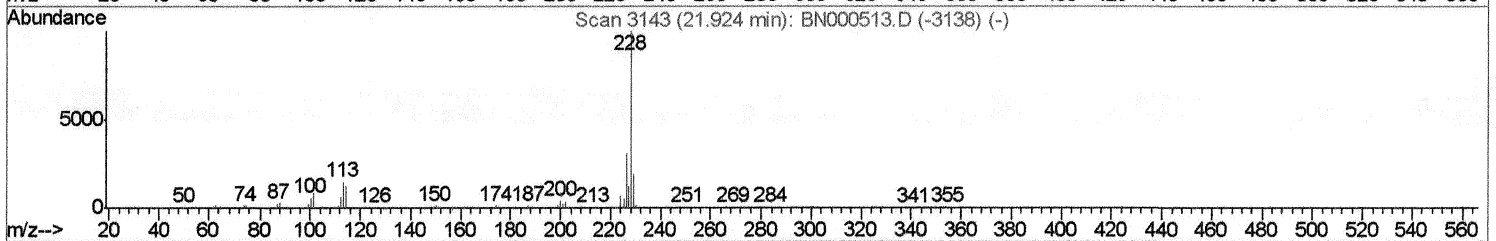
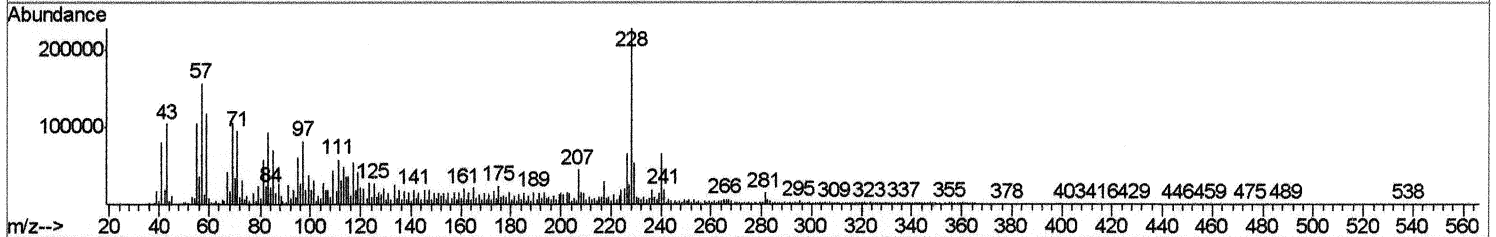
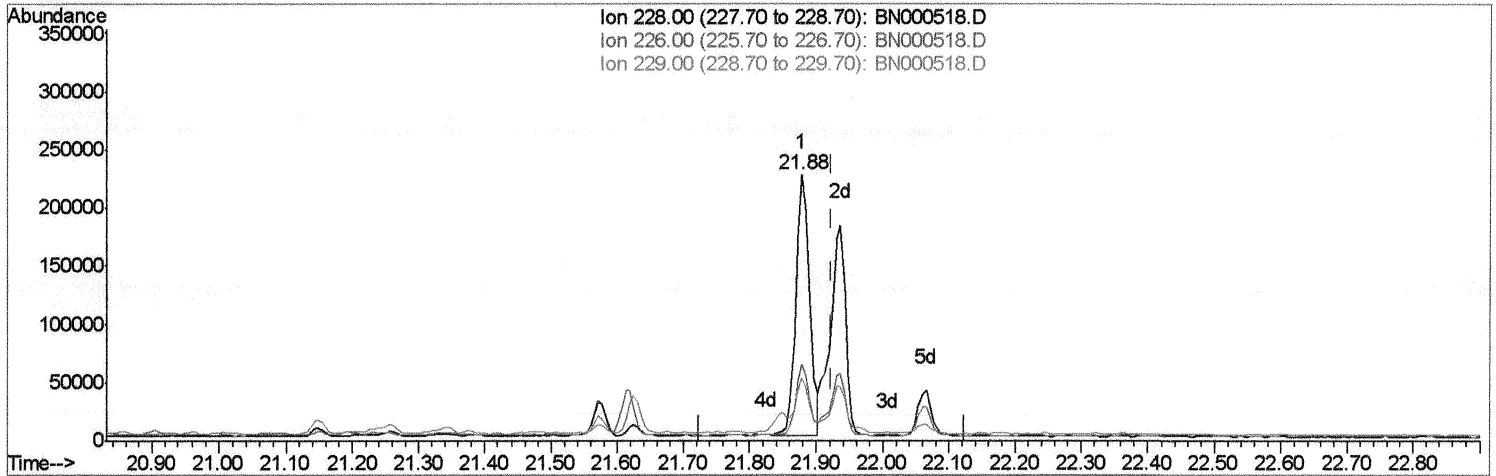
Instrument :

SOM-EPA-BN031918.M Thu Mar 22 05:47:13 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(82) Chrysene

21.877min (-0.047) 8.42ng/ul

response 323000

Ion	Exp%	Act%
100		
28.77		
23.44		
0.00		

3/22/2018 6:49:08 PM

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Manual Integrations

Client: Sampled

DAM45

BNA_N

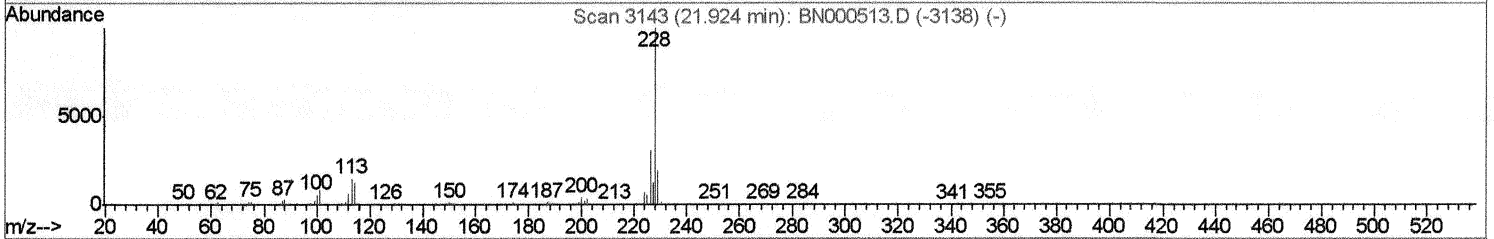
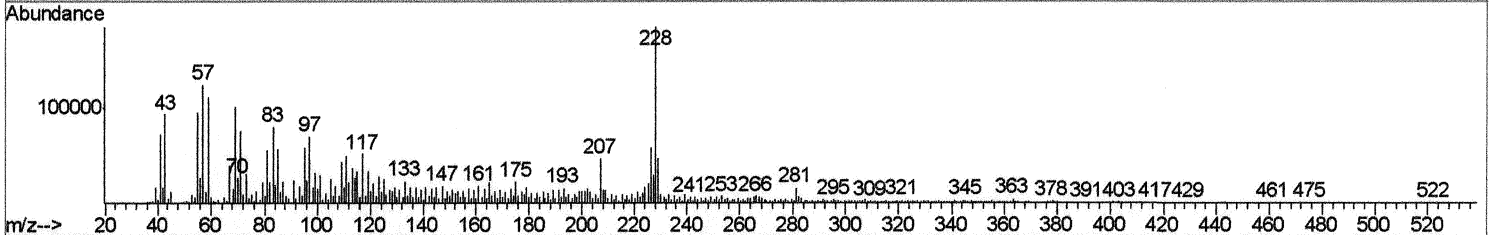
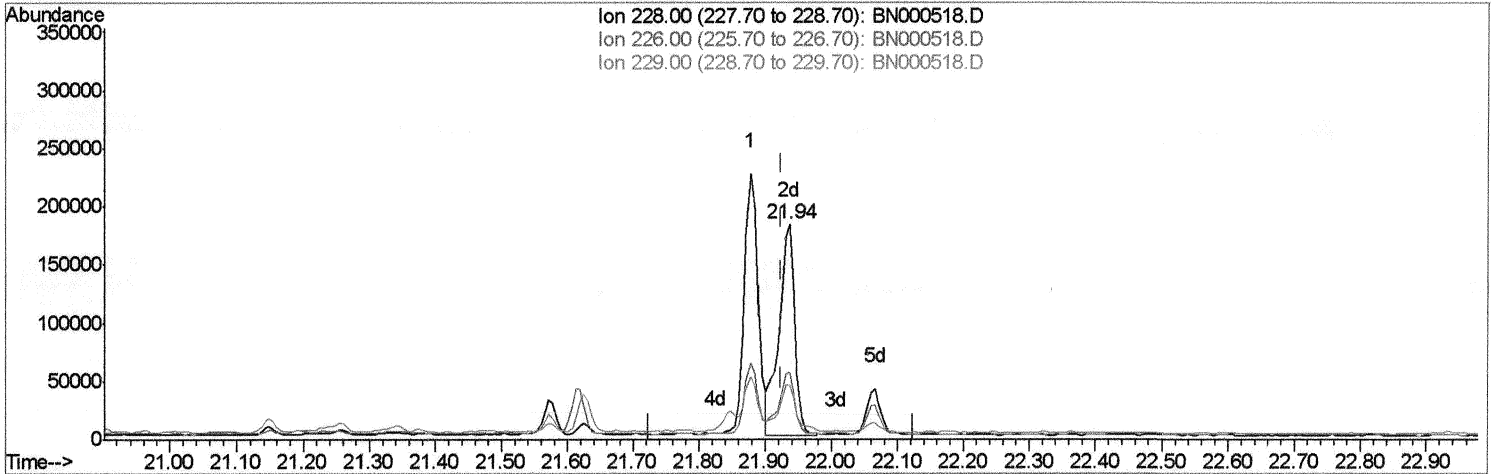
Instrument:

SOM-EPA-BN031918.M Thu Mar 22 05:47:27 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(82) Chrysene

21.936min (+0.012) 7.77ng/ul m

response 297981

Ion Exp% Act%

100
31.63
25.46#
0.00

3/22/2018 6:49:08 PM

Sohil

APPROVED

Manual Integrations

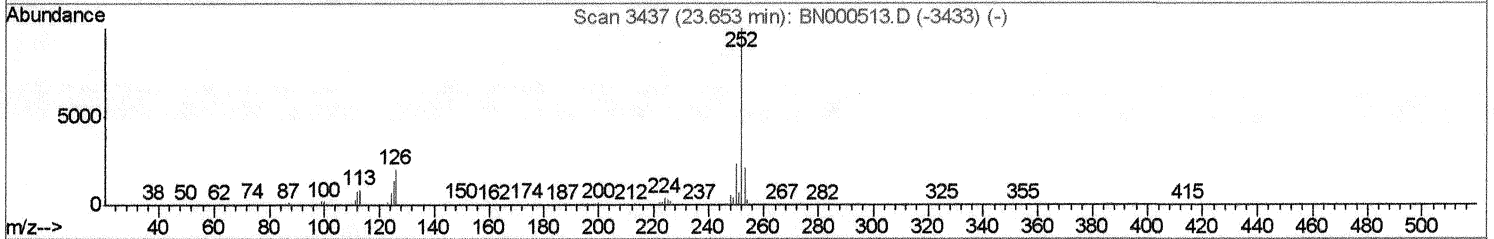
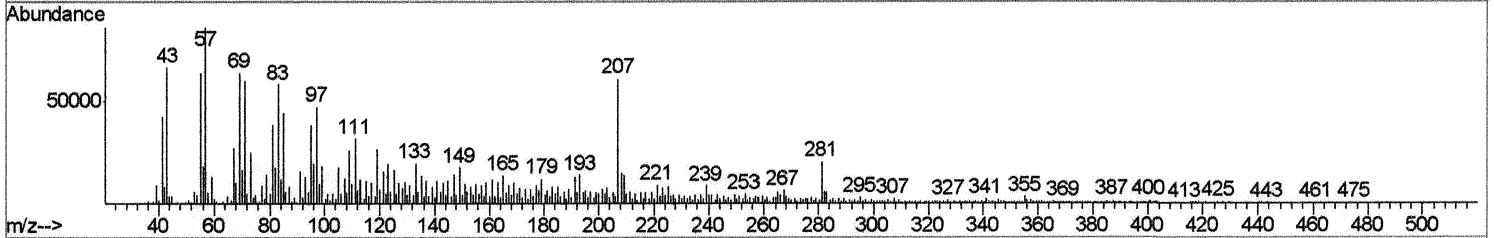
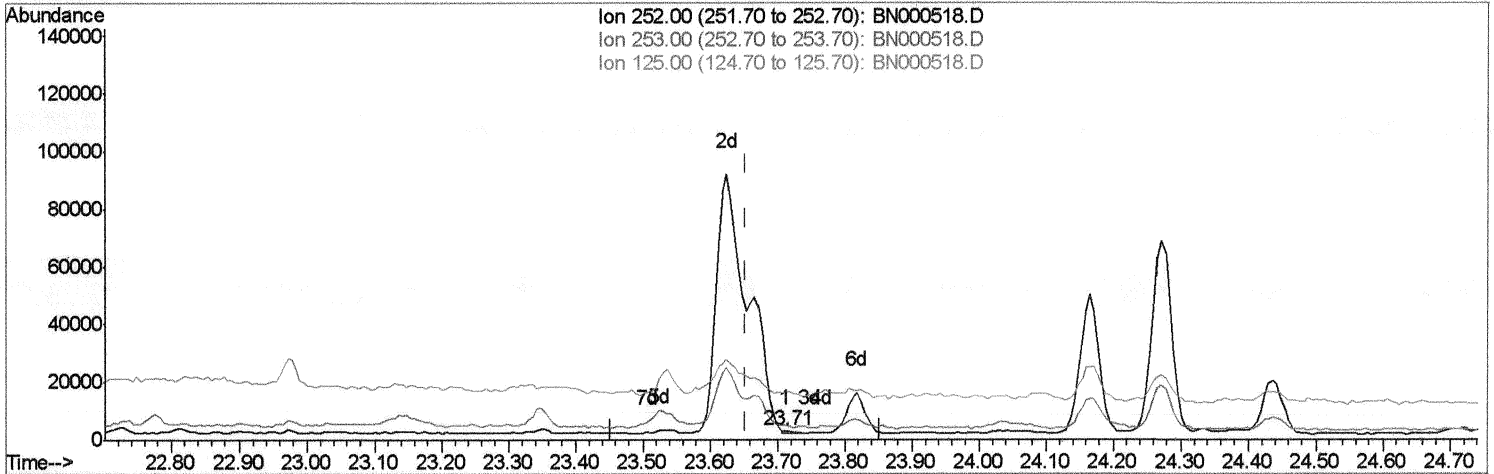
DAM45
Client Sampled :
BNA_N
Instrument :

Thu Mar 22 05:47:36 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(86) Benzo(k)fluoranthene
 23.713min (+0.059) 0.02ng/ul
 response 871
 Ion Exp% Act%

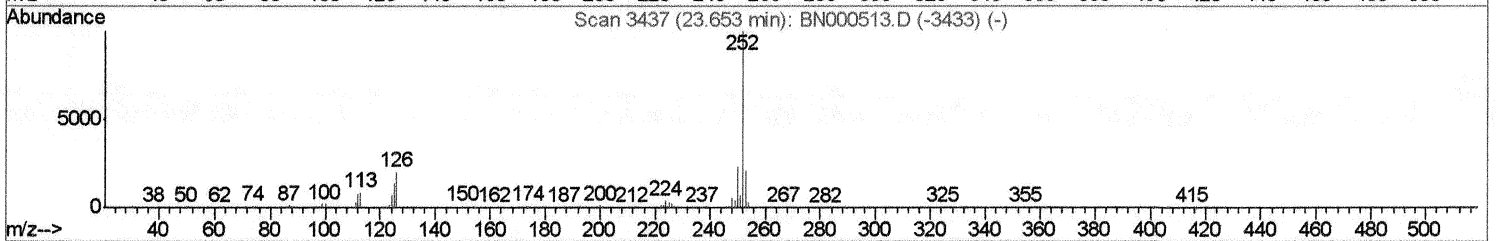
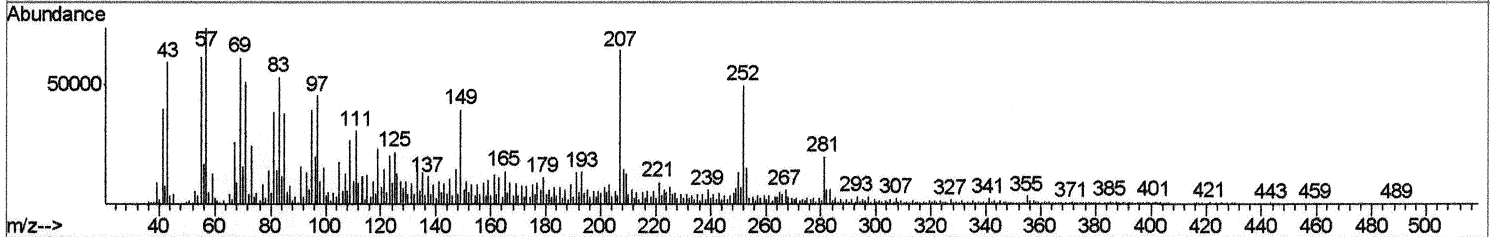
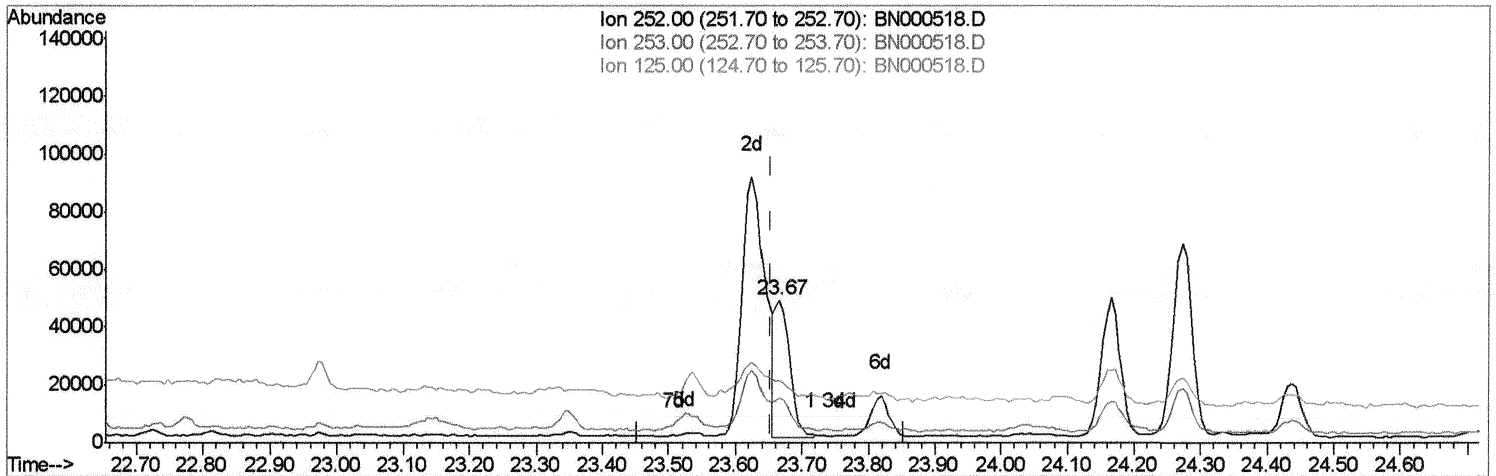
100
 166.60#
 63.84#
 0.00

DAM45
 ClientSampled :
 BNA_N
 Instrument :

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 22 05:44:08 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: BN000518.D

(86) Benzo(k)fluoranthene

23.666min (+0.012) 1.93ng/ul m

response 77393

Ion Exp% Act%

JU 3/23/18

3/22/2018 6:49:08 PM

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Manual Integrations

Client Sampled :

DAM45

BNA_N

Instrument :

SOM-EPA-BN031918.M Thu Mar 22 05:48:00 2018

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
 Data File : BN000518.D
 Acq On : 21 Mar 2018 14:09
 Operator : JU/SJ
 Sample : J1905-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample ID :
 DAM45

Manual Integrations
 APPROVED

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 3/22/2018 6:49:08 PM

Quant Time: Mar 26 09:31:38 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	228766	20.00	ng/ul	0.01
18) Naphthalene-d8	11.27	136	835351	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	399896	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.82	188	710574m)	20.00	ng/ul	0.07
75) Chrysene-d12	21.90	240	613903	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	658436	20.00	ng/ul	0.02

JU 3/23/18

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	27298	4.26	ng/uL	0.00
5) Phenol-d5	7.59	99	145967	6.84	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.73	67	180408	14.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	179316	11.11	ng/ul	0.02
13) 4-Methylphenol-d8	9.15	113	150438	9.05	ng/ul	0.03
19) Nitrobenzene-d5	9.61	128	95727	14.11	ng/ul	0.01
22) 2-Nitrophenol-d4	10.34	143	88644	12.61	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.90	165	174031	13.81	ng/ul	0.04
29) 4-Chloroaniline-d4	11.37	131	215497	16.66	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	413555	13.09	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	544409	13.06	ng/ul	0.02
51) 4-Nitrophenol-d4	15.25	143	74189	12.65	ng/ul	0.04
57) Fluorene-d10	16.04	176	342444	12.72	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.18	200	143735m)	35.32	ng/ul	0.05
70) Anthracene-d10	17.91	188	404073	11.83	ng/ul	0.05
76) Pyrene-d10	20.14	212	422587	12.47	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	376258	12.11	ng/ul	0.02

JU 3/23/18

Target Compounds

						Ovalue
6) Phenol	7.62	94	116065	5.330	ng/ul#	32
21) Isophorone	10.18	82	749591	23.479	ng/ul#	63
28) Naphthalene	11.32	128	637988	14.543	ng/ul#	91
34) 2-Methylnaphthalene	12.91	142	1458435	49.797	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	41777	5.126	ng/ul	99
39) 2,4,5-Trichlorophenol	13.60	196	61028	7.182	ng/ul	99
40) 1,1'-Biphenyl	13.88	154	139787	4.106	ng/ul#	75
49) Acenaphthene	15.12	153	200910	7.217	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.71	232	4841034	746.071	ng/ul#	75
58) Fluorene	16.10	166	285124	9.489	ng/ul#	90
68) Pentachlorophenol	17.49	266	22637031m)	5606.783	ng/ul	
69) Phenanthrene	17.87	178	2000066	48.858	ng/ul	96
71) Anthracene	17.95	178	411059m)	9.793	ng/ul	
72) Carbazole	18.20	167	188397	5.234	ng/ul#	68
74) Fluoranthene	19.81	202	1923863	47.295	ng/ul#	85
77) Pyrene	20.17	202	1754358	39.126	ng/ul#	81
80) Benzo(a)anthracene	21.88	228	322597	7.887	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.75	149	153038	4.733	ng/ul	91
82) Chrysene	21.94	228	297981m)	7.771	ng/ul	
84) Di-n-octyl phthalate	22.71	149	97648	1.762	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	213485	5.131	ng/ul#	75
86) Benzo(k)fluoranthene	23.67	252	77393m)	1.927	ng/ul	
88) Benzo(a)pyrene	24.27	252	132651	3.388	ng/ul#	72

JU 3/23/18

JU 3/23/18

Data Path : Z:\HPCHEM1\BNA N\Data\BN032118\
Data File : BN000518.D
Acq On : 21 Mar 2018 14:09
Operator : JU/SJ
Sample : J1905-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 26 09:31:38 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 :
DAM45

Manual Integrations
APPROVED

Sohil
3/22/2018 6:49:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed