

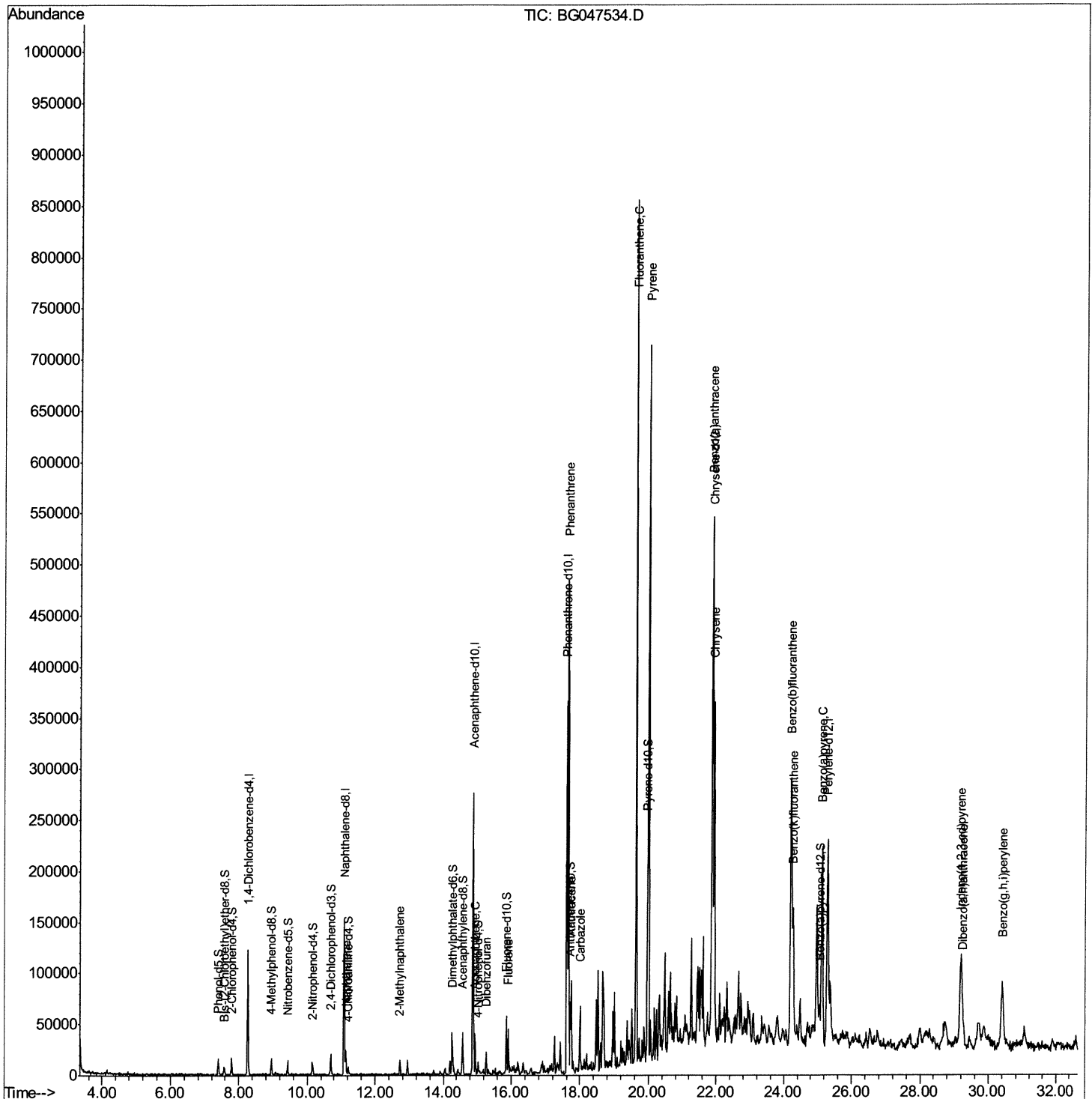
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:52:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

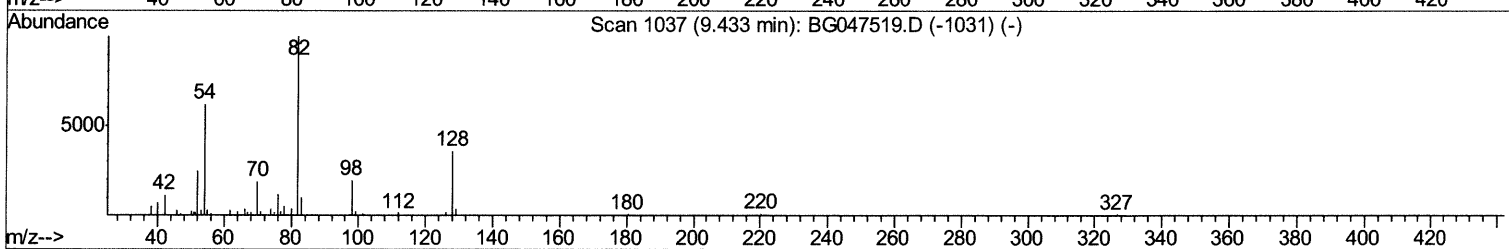
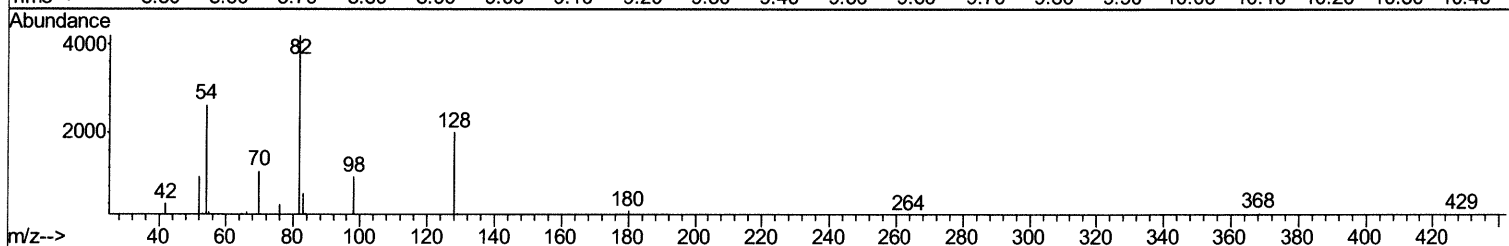
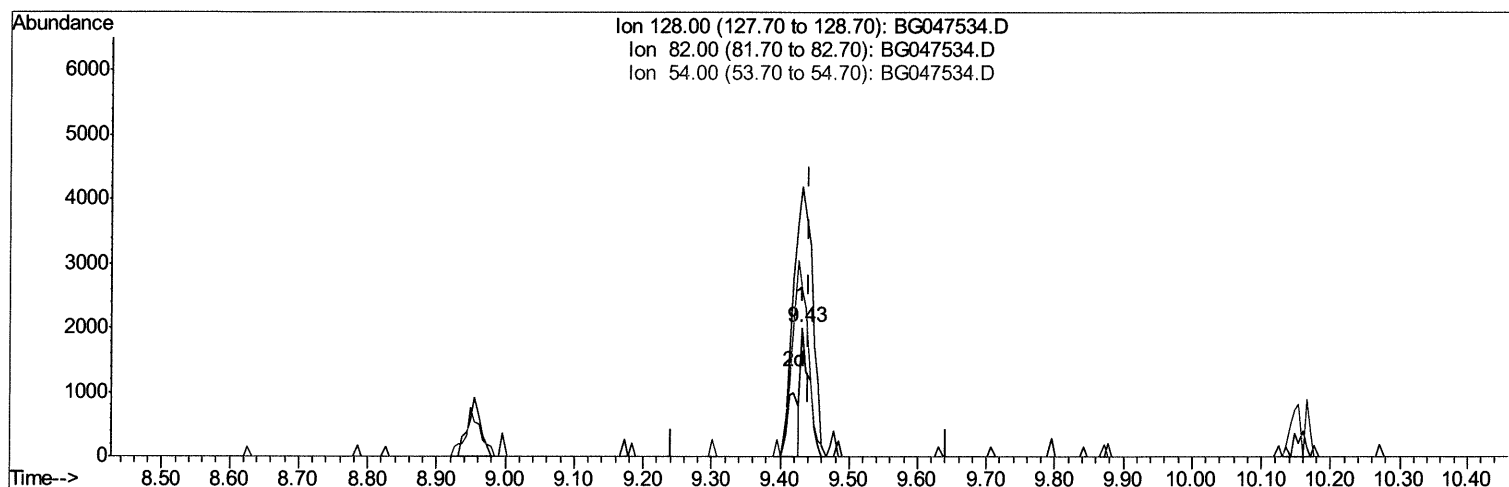
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(19) Nitrobenzene-d5 (S)

9.431min (-0.011) 1.87ng/ul

response 1806

Ion	Exp%	Act%
128.00	100	100
82.00	256.10	208.97
54.00	136.60	130.56
0.00	0.00	0.00

Quantitation Report (Qedit)

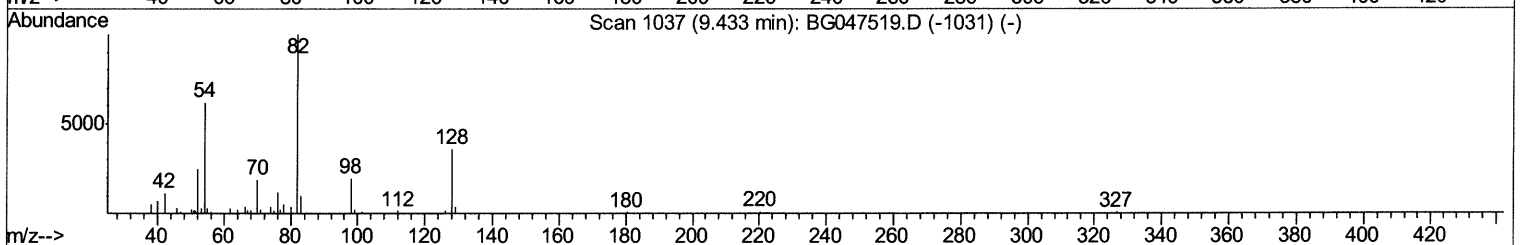
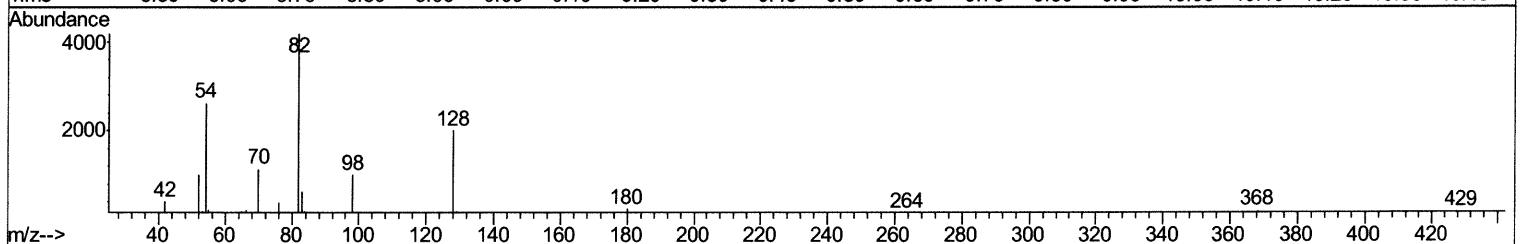
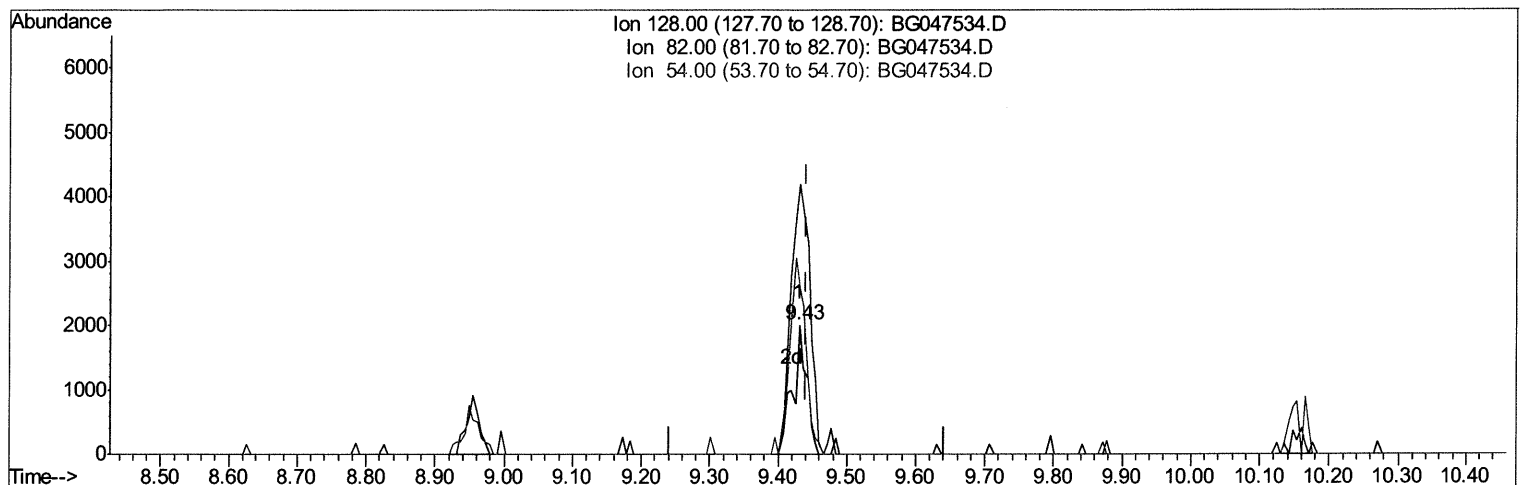
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B24DL

Manual Integrations
APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(19) Nitrobenzene-d5 (S)

9.431min (-0.011) 2.98ng/ul m 12/04/20 54

response 2882

Ion	Exp%	Act%
128.00	100	100
82.00	256.10	208.97
54.00	136.60	130.56
0.00	0.00	0.00

Quantitation Report (Qedit)

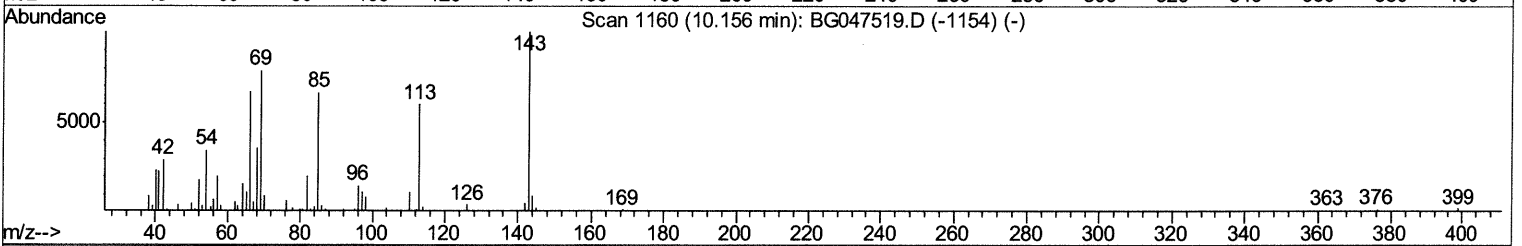
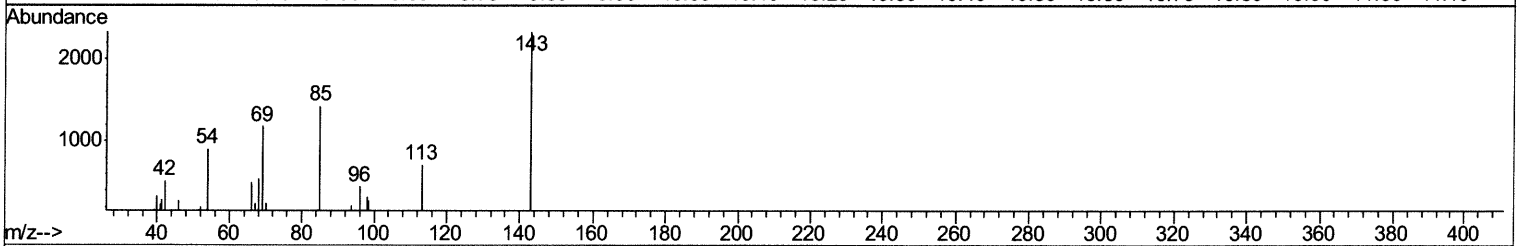
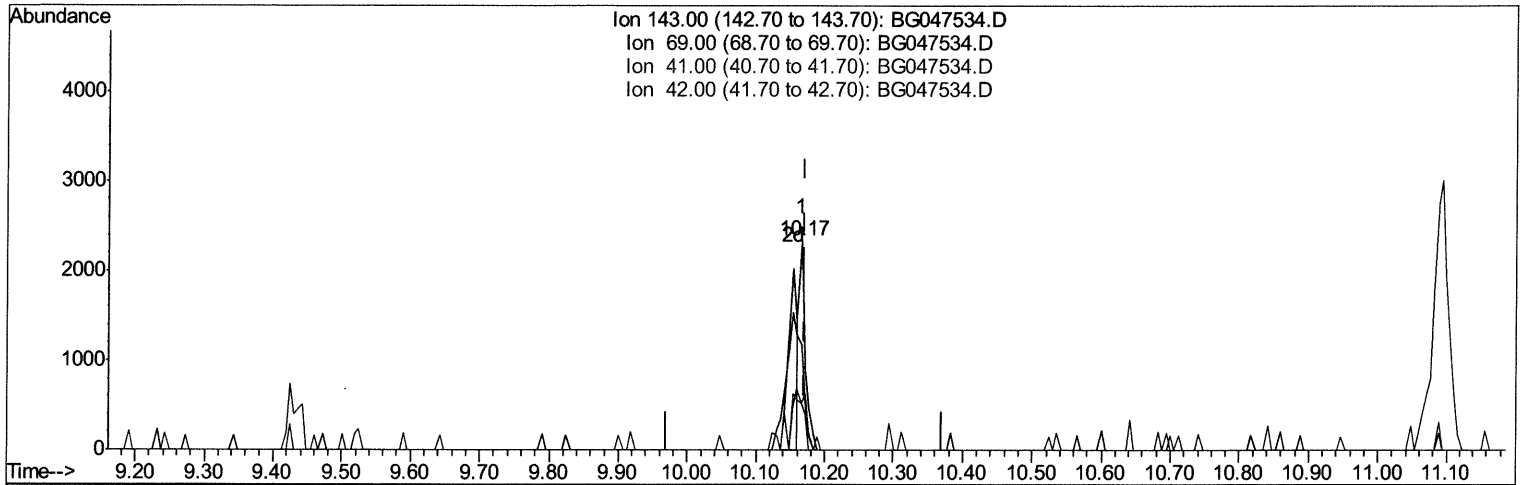
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(22) 2-Nitrophenol-d4 (S)
 10.165min (-0.005) 1.29ng/ul
 response 1359

Ion	Exp%	Act%
143.00	100	100
69.00	81.40	50.49#
41.00	32.30	22.07#
42.00	33.00	22.16#

Quantitation Report (Qedit)

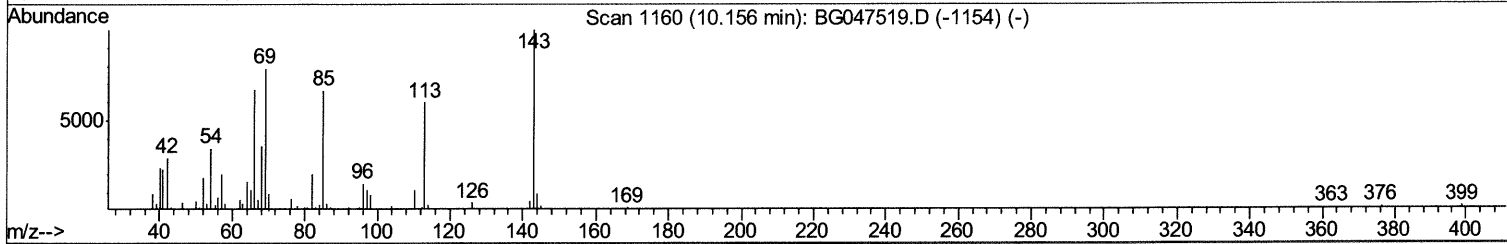
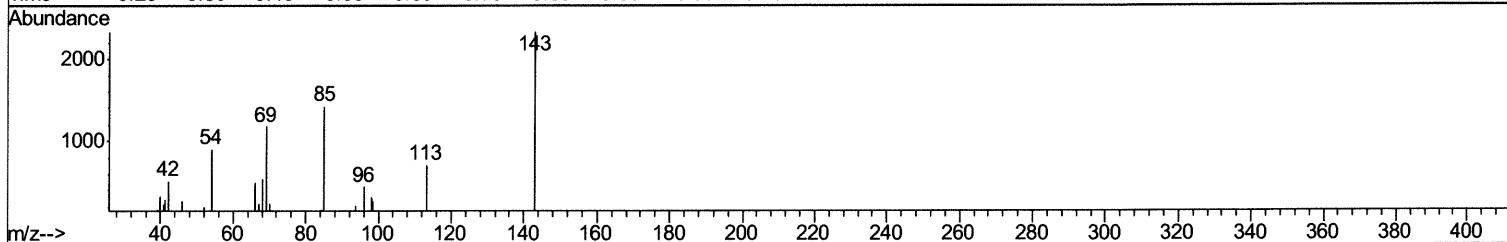
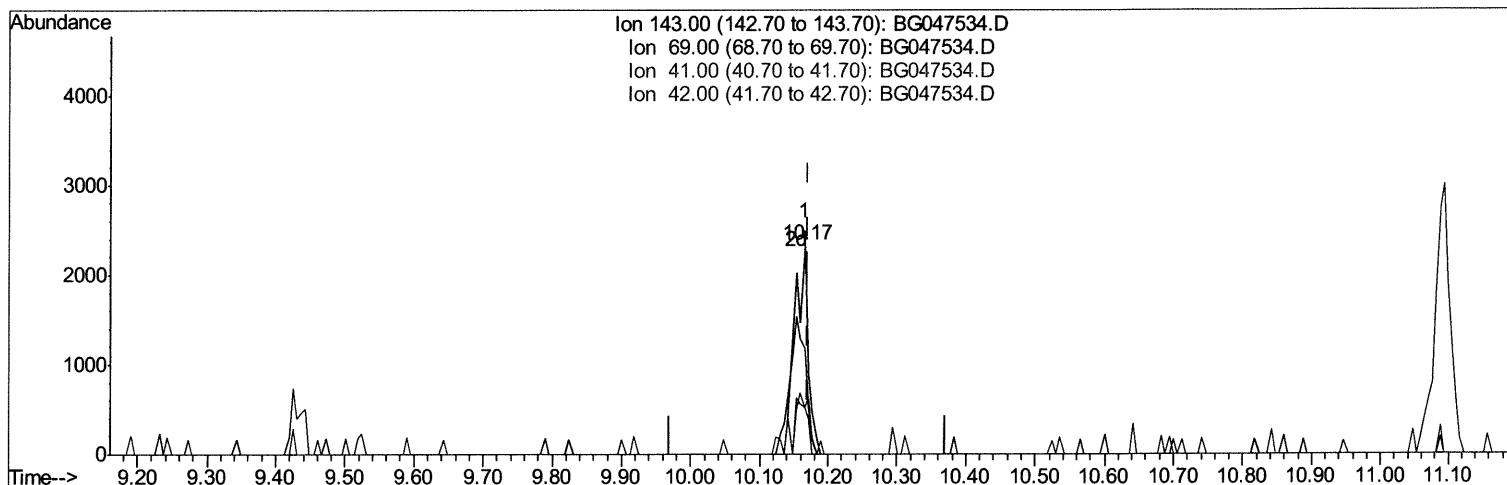
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(22) 2-Nitrophenol-d4 (S)

10.165min (-0.005) 3.05ng/ul m 12/04/20 JU

response 3219

Ion	Exp%	Act%
143.00	100	100
69.00	81.40	50.49#
41.00	32.30	12.13#
42.00	33.00	22.16#

Quantitation Report (Qedit)

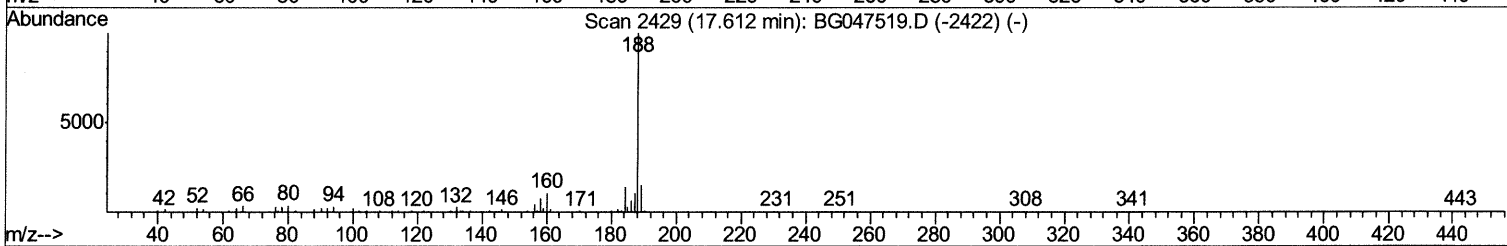
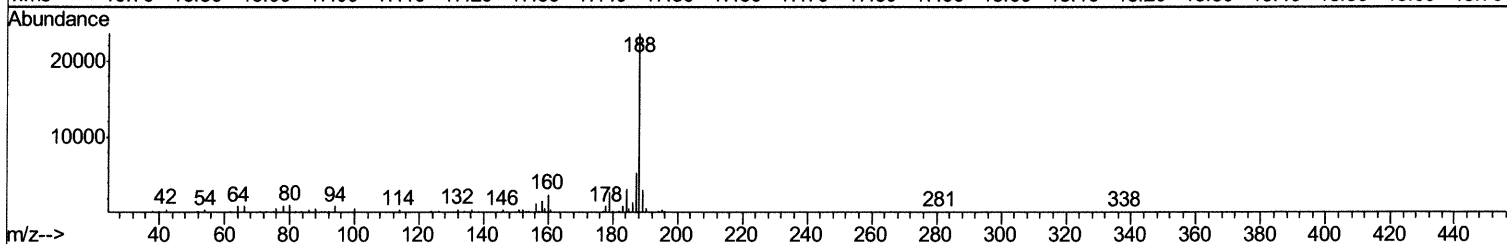
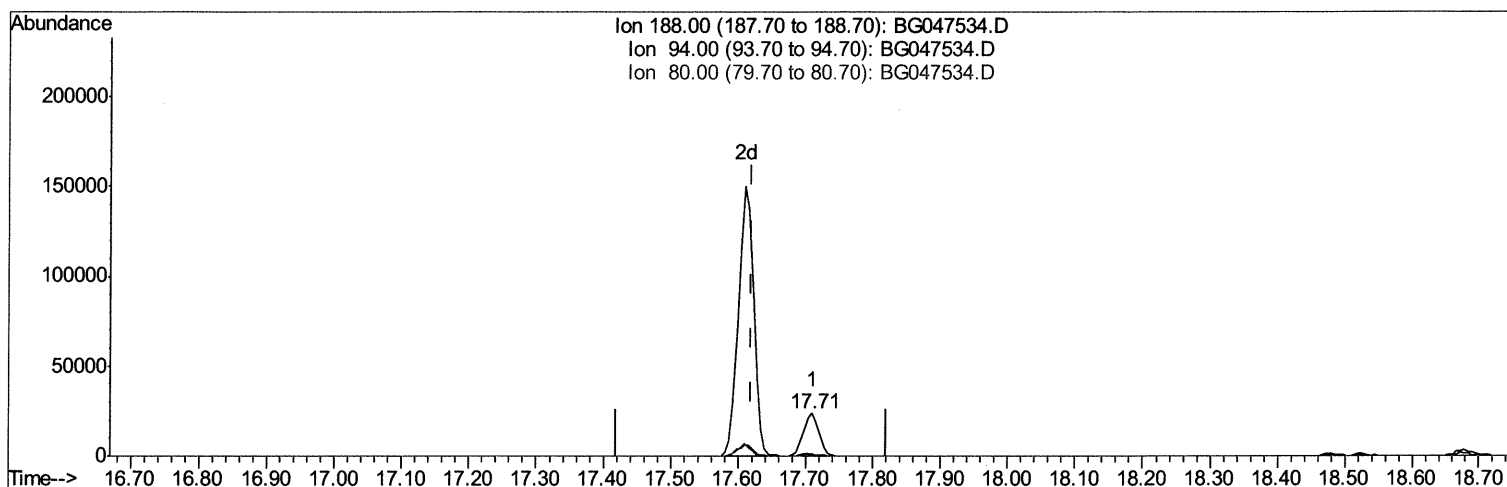
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
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TIC: BG047534.D

(62) Phenanthrene-d10 (I)

17.709min (+0.089) 20.00ng/ul

response 37561

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.78
80.00	5.30	4.47
0.00	0.00	0.00

Quantitation Report (Qedit)

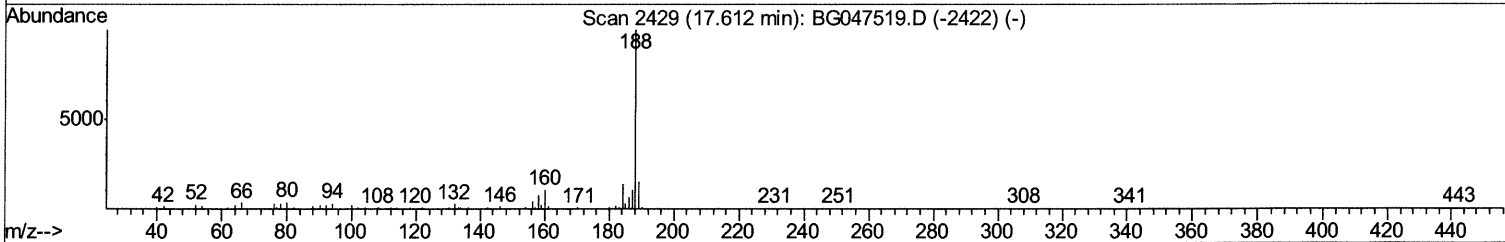
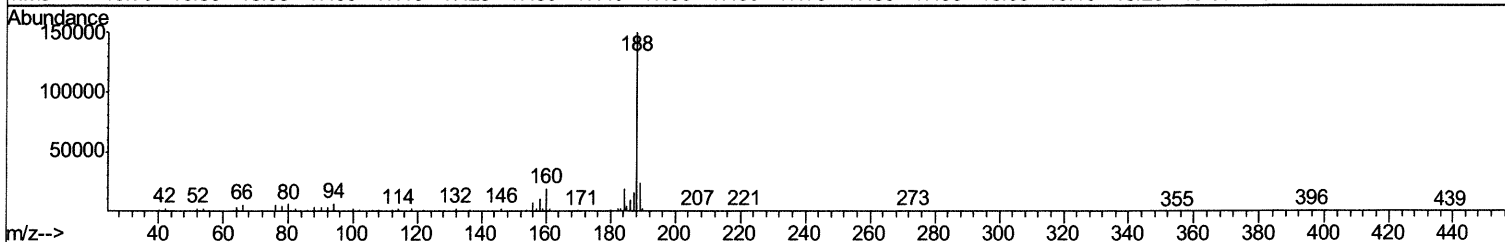
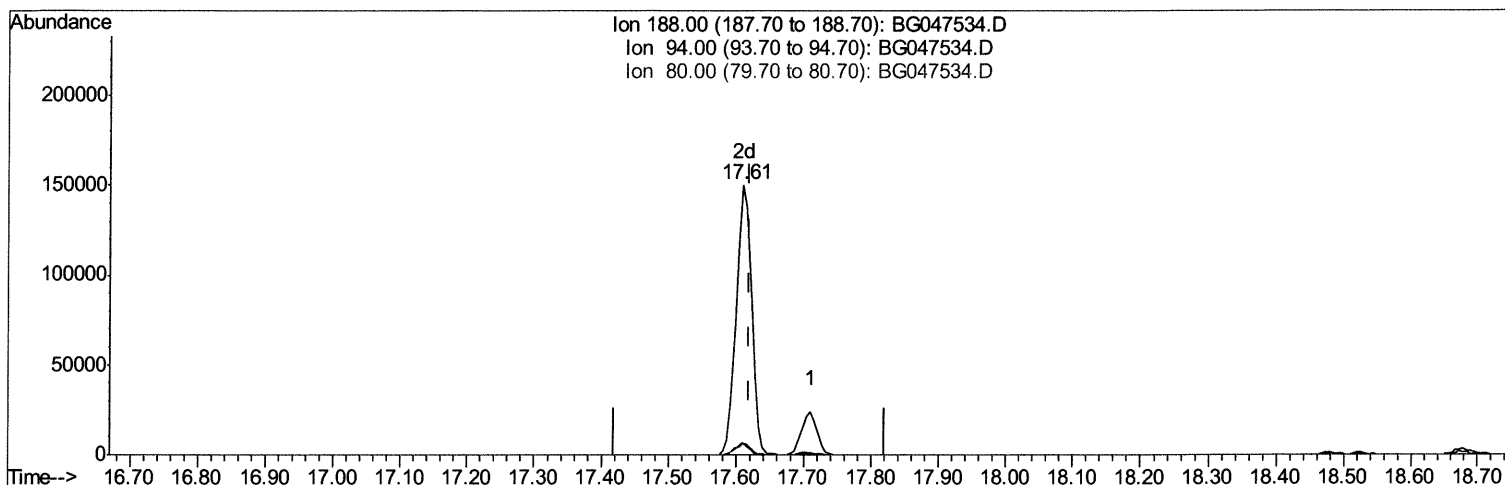
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B24DL

Manual Integrations
APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(62) Phenanthrene-d10 (I)

17.610min (-0.011) 20.00ng/ul m 12/04/20 J4

response 235290

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	4.47
80.00	5.30	4.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

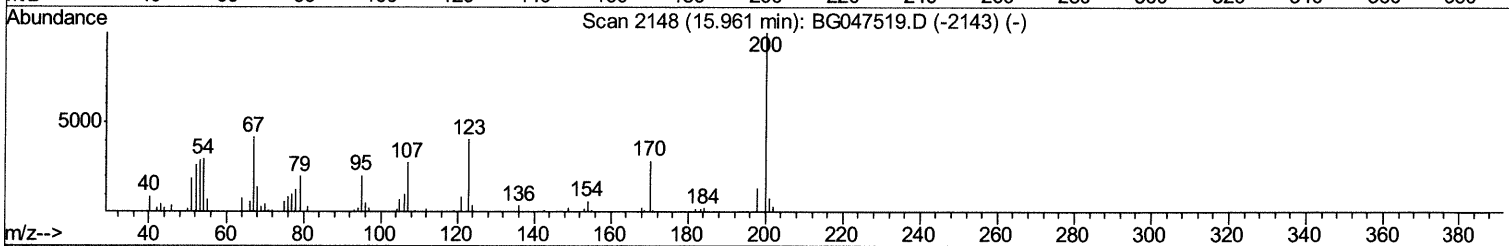
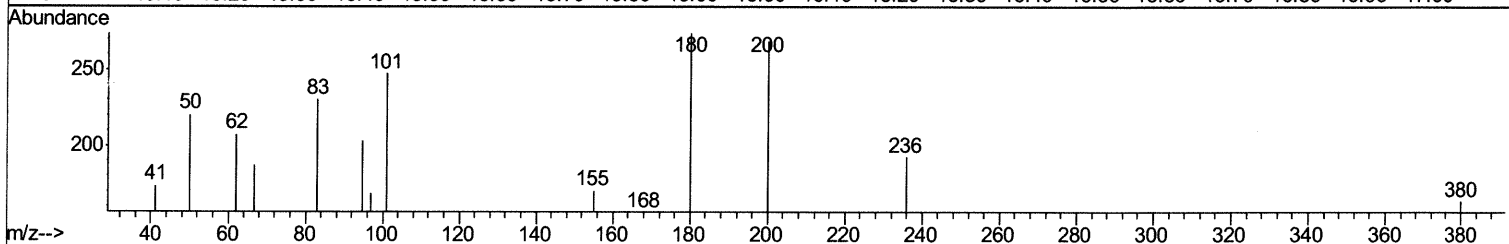
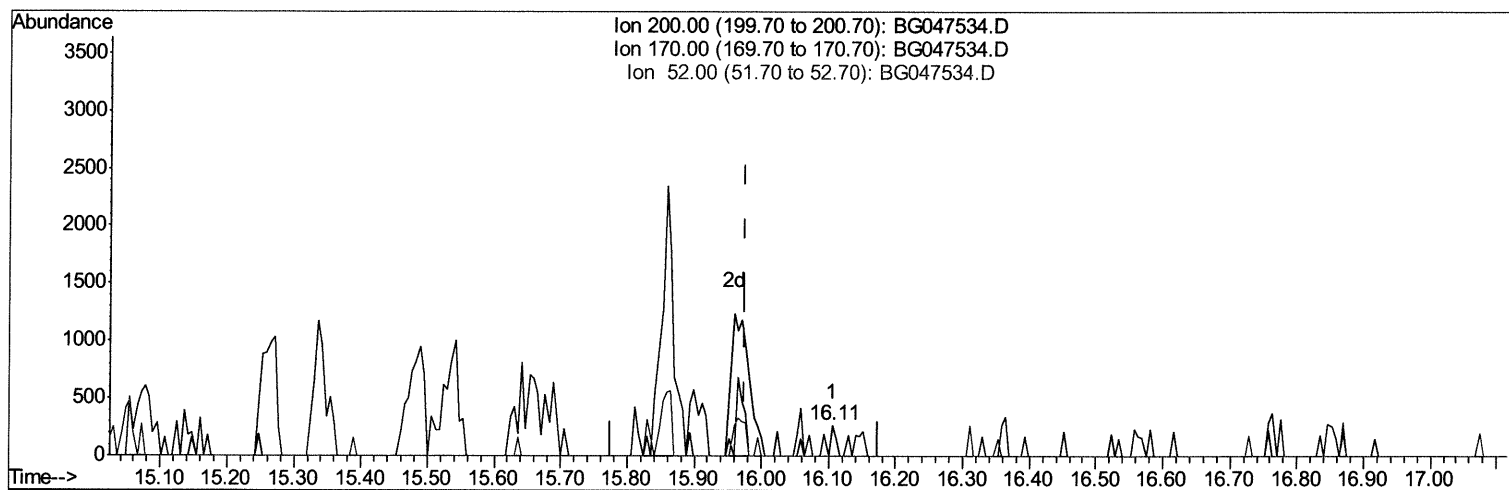
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.105min (+0.130) 0.11ng/ul

response 148

Ion	Exp%	Act%
200.00	100	100
170.00	18.20	0.00#
52.00	39.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

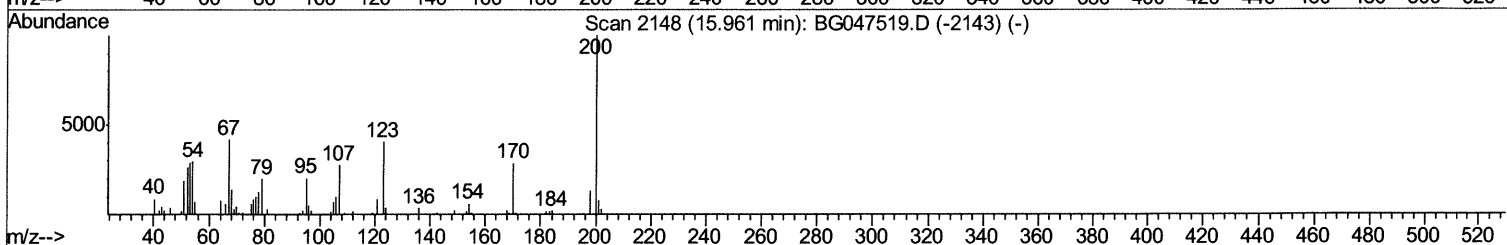
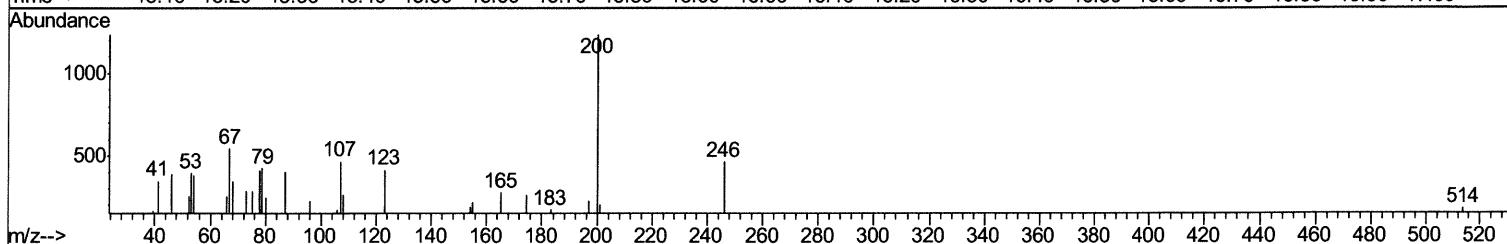
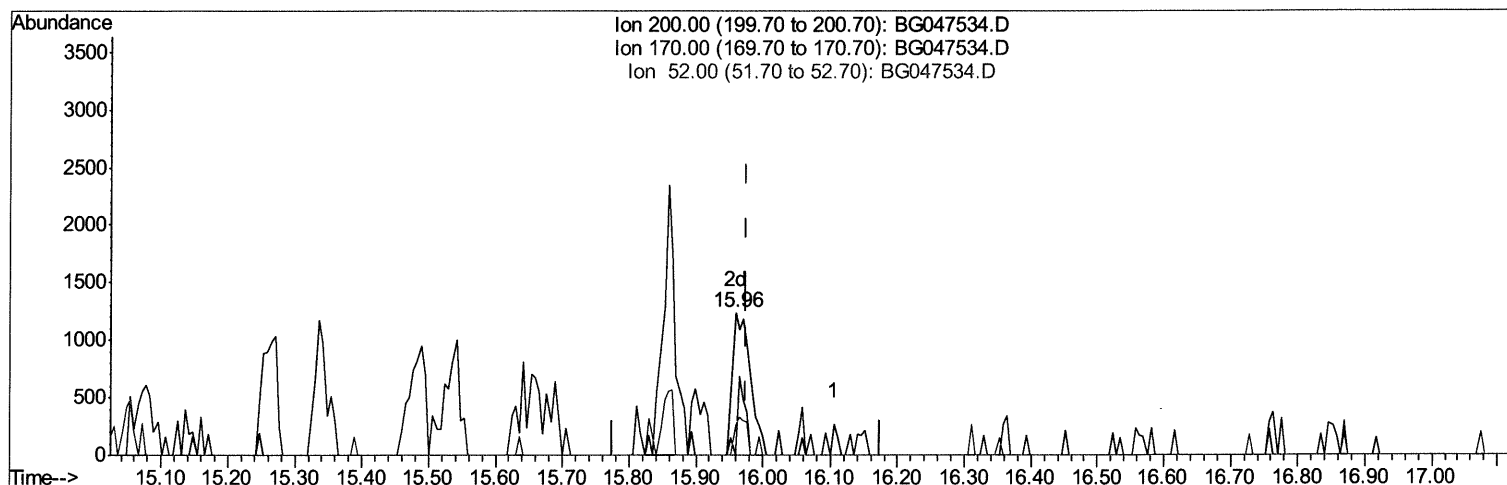
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.959min (-0.017) 1.69ng/ul m 12/04/2020

response 2261

Ion	Exp%	Act%
200.00	100	100
170.00	18.20	0.00#
52.00	39.70	20.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

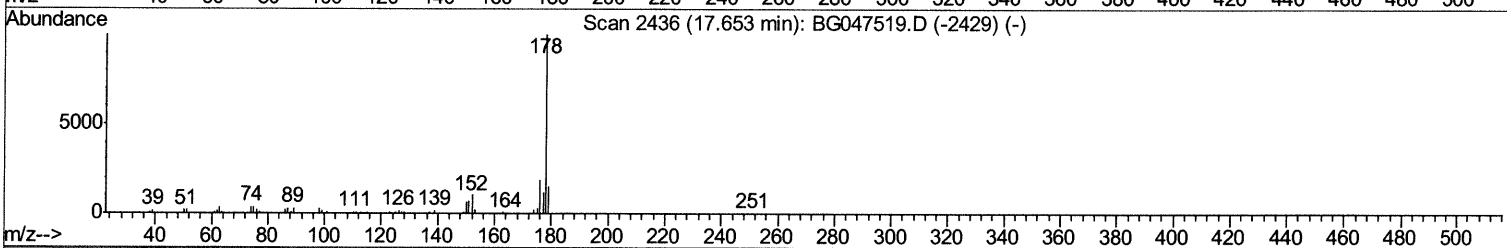
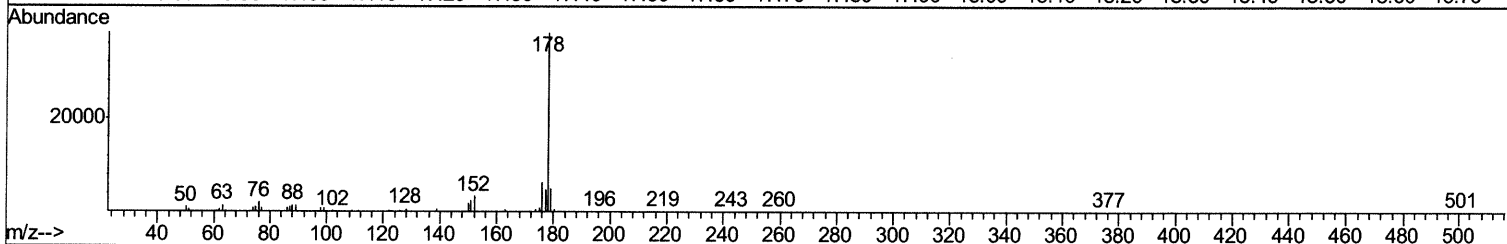
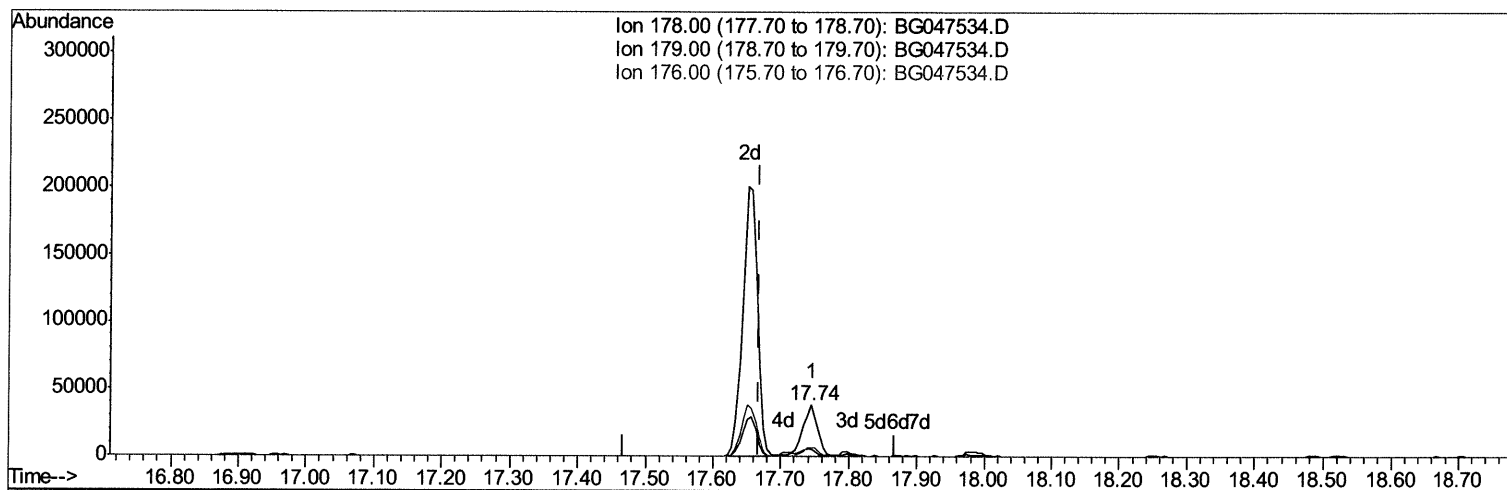
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B24DL

Manual Integrations
APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC: BG047534.D

(70) Phenanthrene

17.745min (+0.077) 4.47ng/ul

response 56768

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	13.47
176.00	17.40	17.10
0.00	0.00	0.00

Quantitation Report (Qedit)

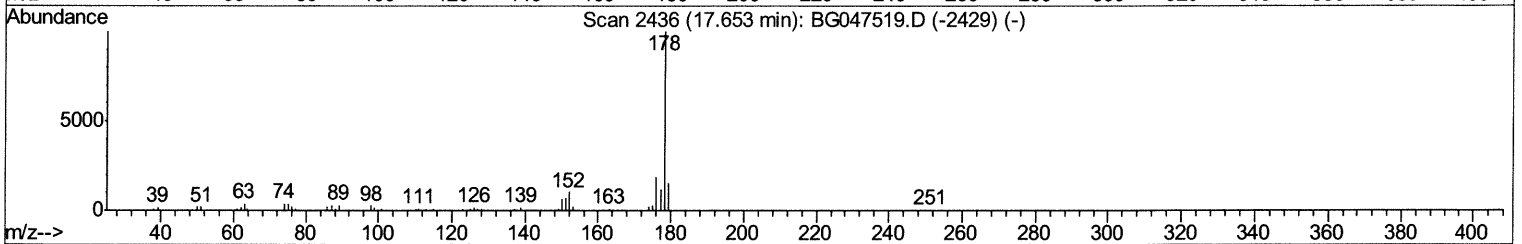
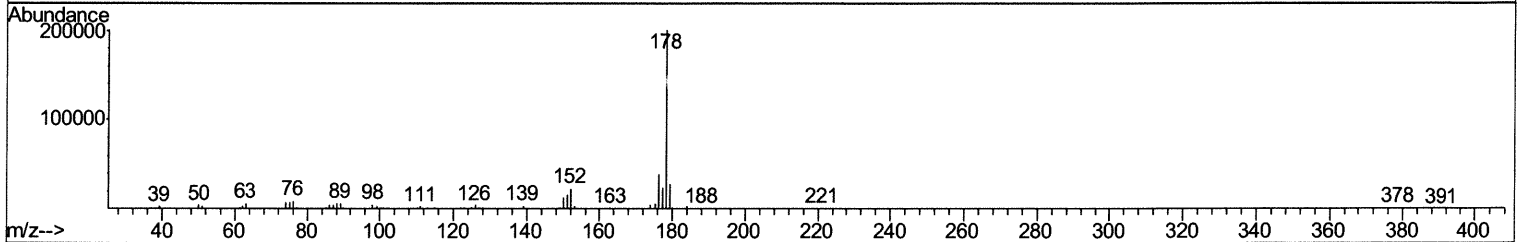
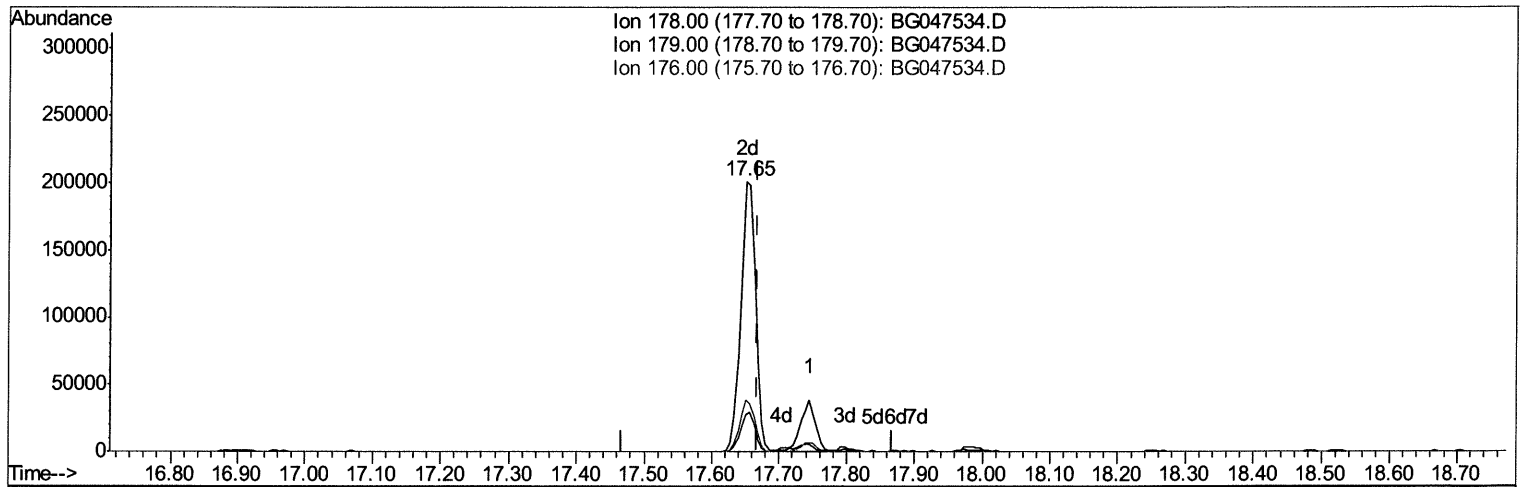
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B24DL

Manual Integrations
APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(70) Phenanthrene

17.651min (-0.017) 24.06ng/ul m 12/04/20 JU

response 305711

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	13.58
176.00	17.40	18.94
0.00	0.00	0.00

Quantitation Report (Qedit)

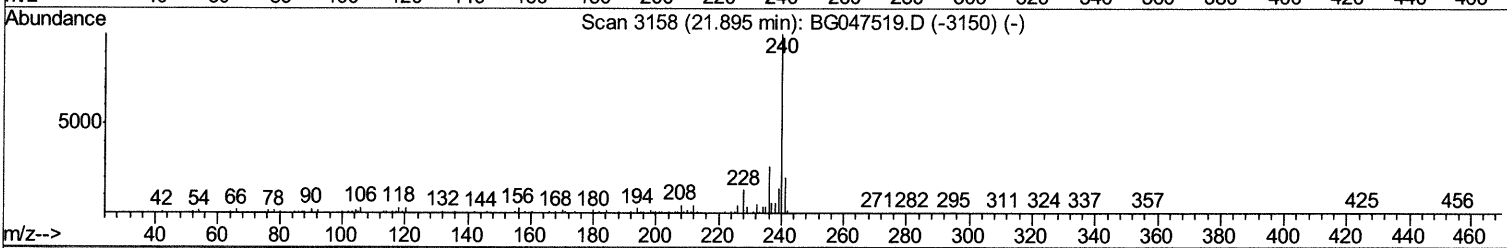
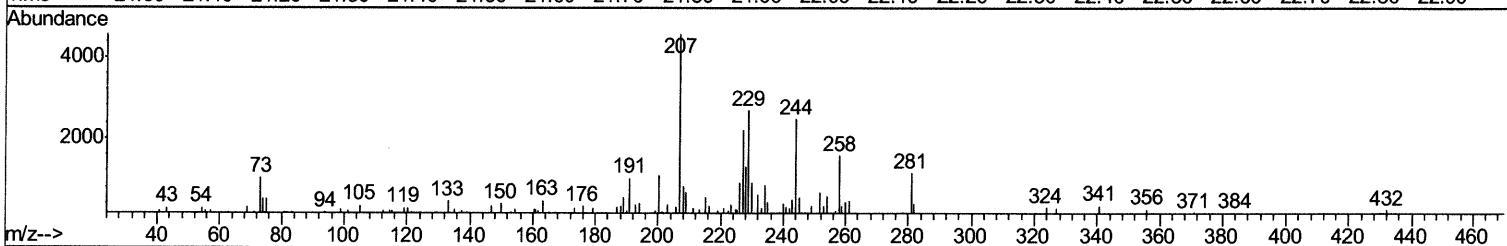
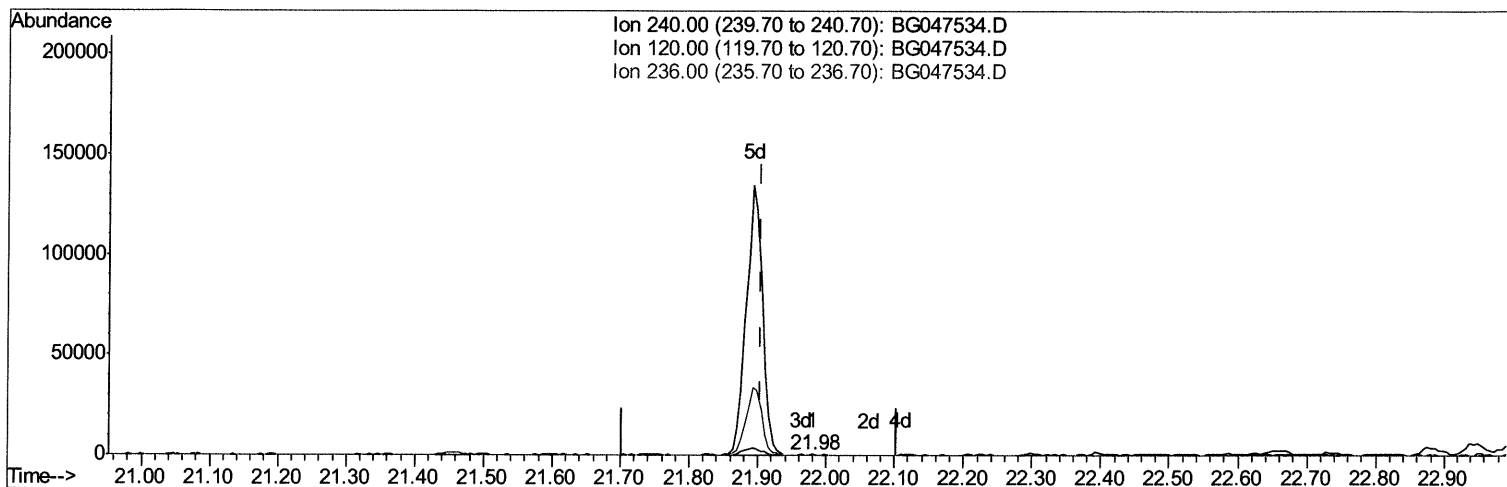
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(78) Chrysene-d12 (I)

21.981min (+0.077) 20.00ng/ul

response 235

Ion	Exp%	Act%
240.00	100	100
120.00	3.50	64.99#
236.00	25.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

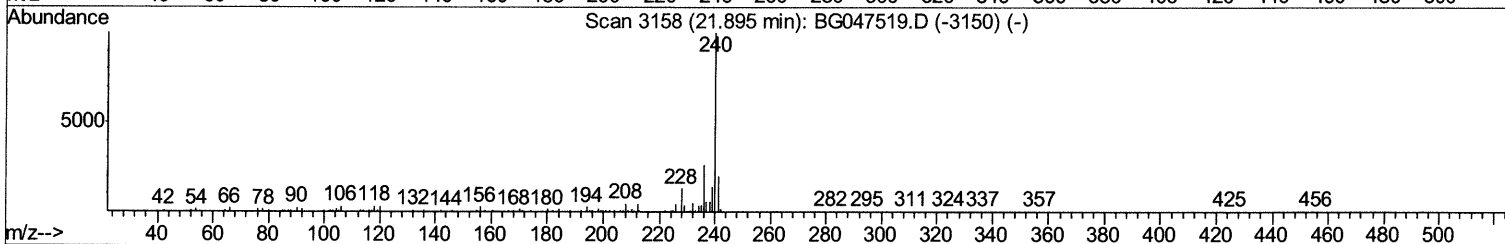
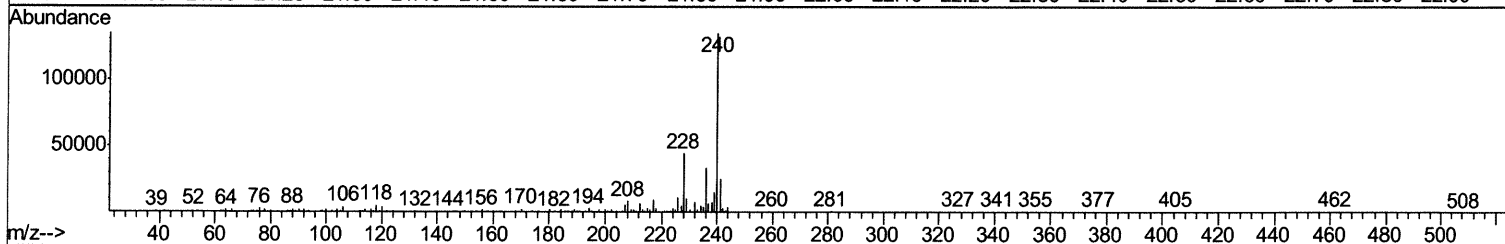
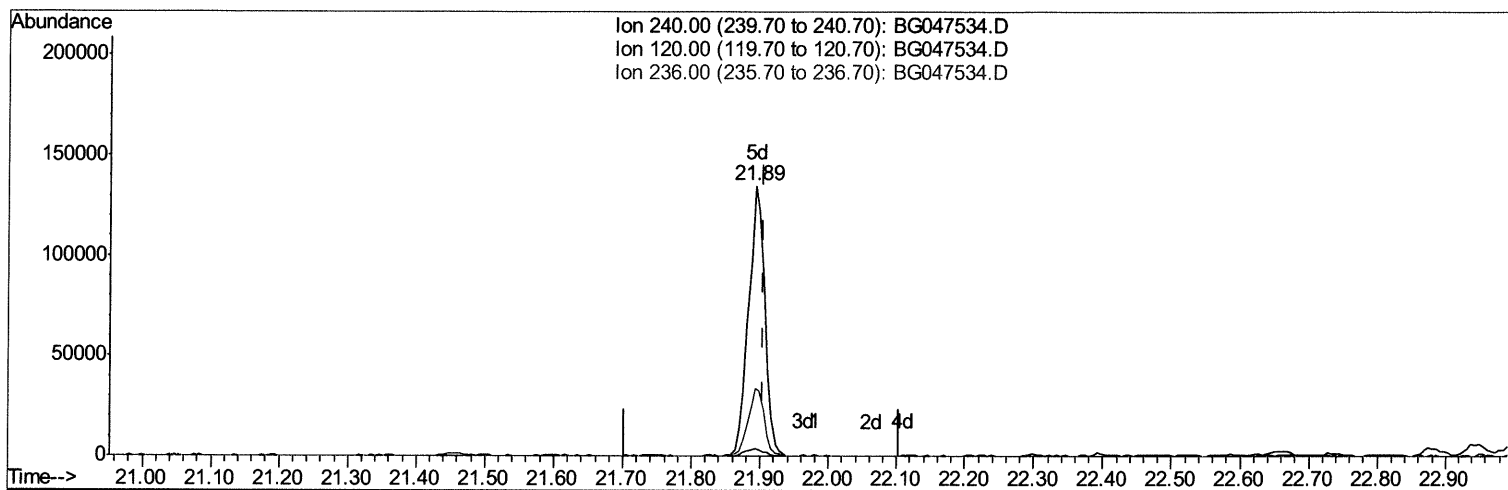
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:24:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(78) Chrysene-d12 (I)

21.893min (-0.011) 20.00ng/ul m 12/04/20 JU

response 220763

Ion	Exp%	Act%
240.00	100	100
120.00	3.50	2.58#
236.00	25.40	24.84
0.00	0.00	0.00

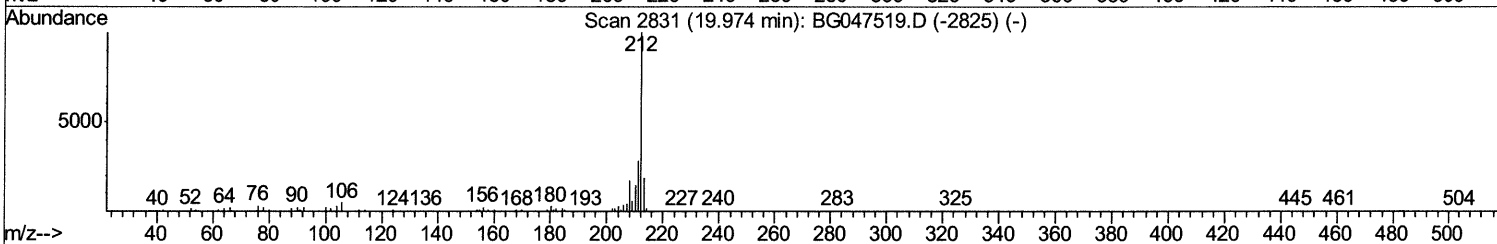
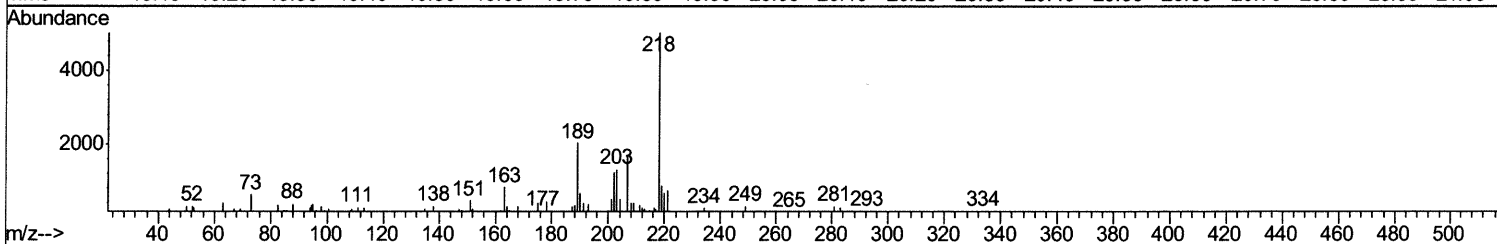
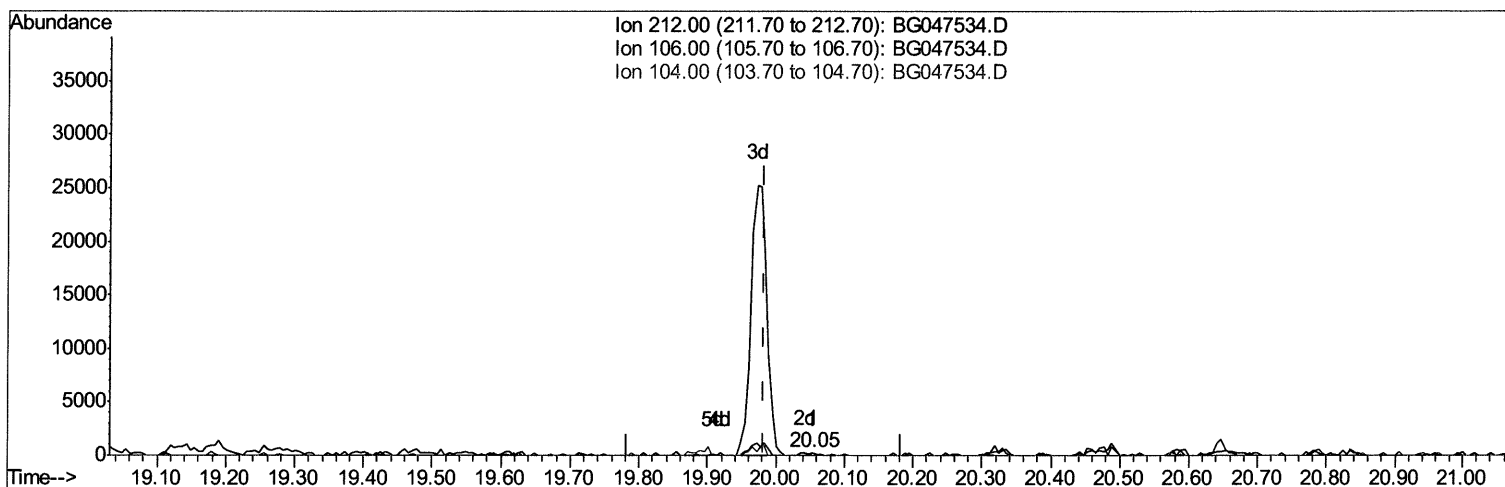
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(79) Pyrene-d10 (S)

20.054min (+0.072) 0.01ng/ul

response 146

Ion	Exp%	Act%
212.00	100	100
106.00	5.10	0.00#
104.00	3.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

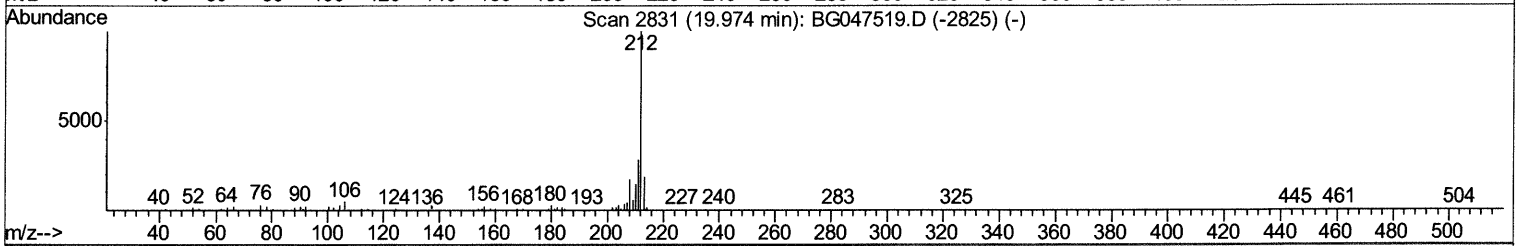
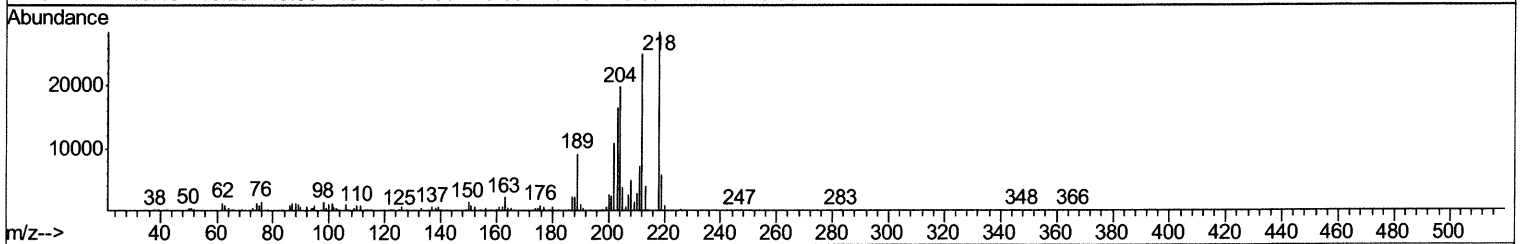
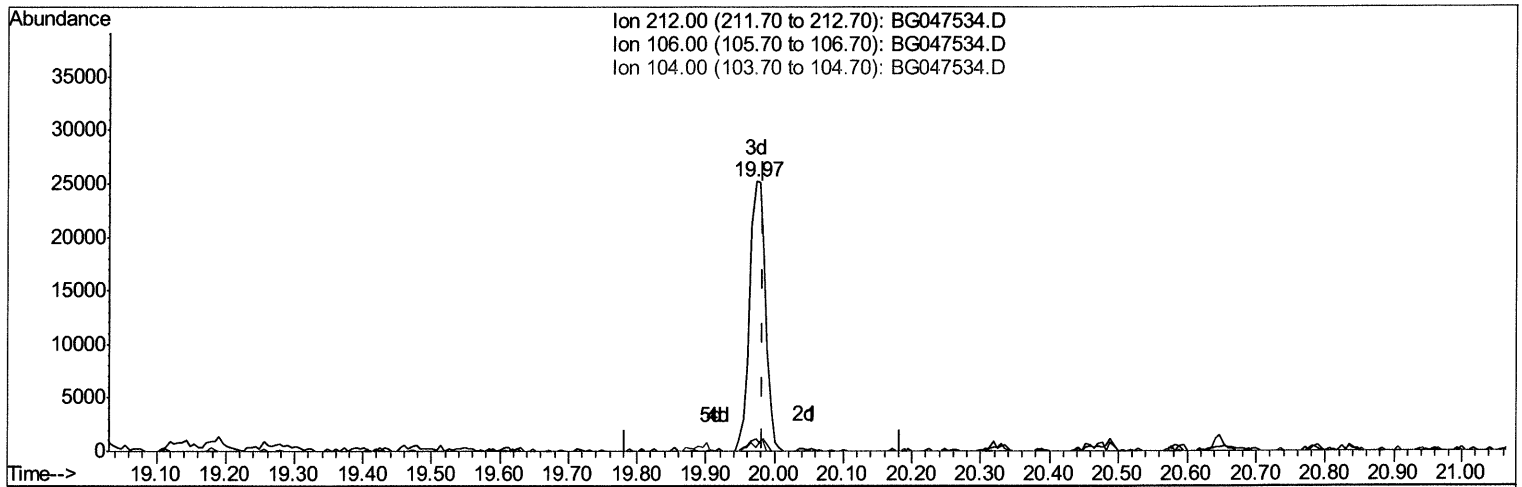
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B24DL

Manual Integrations
APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(79) Pyrene-d10 (S)

19.971min (-0.011) 3.20ng/ul m 12/04/2024

response 41088

Ion	Exp%	Act%
212.00	100	100
106.00	5.10	4.53
104.00	3.30	1.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

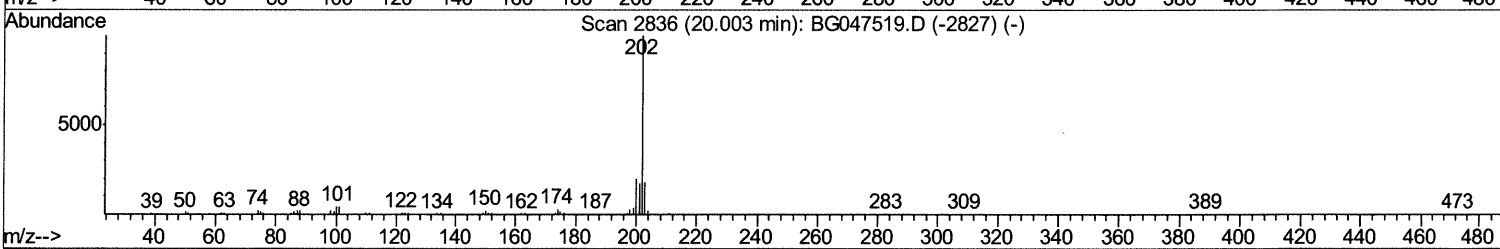
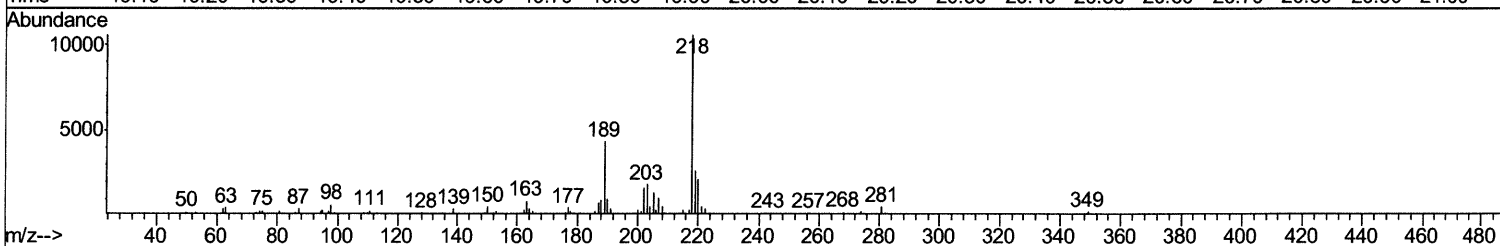
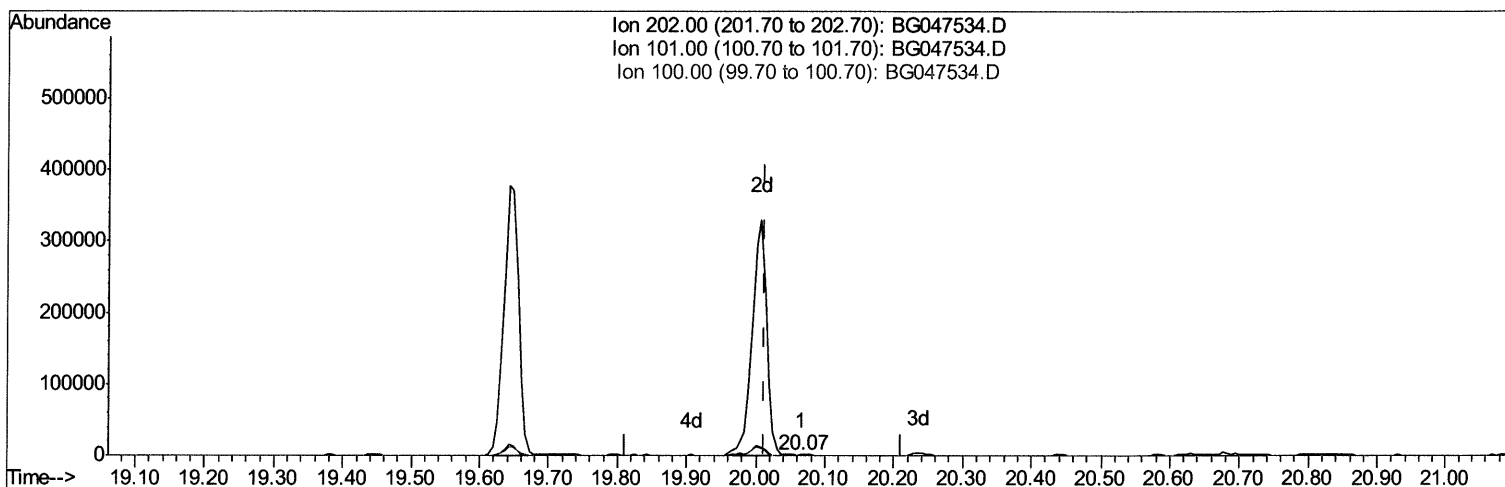
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(80) Pyrene

20.066min (+0.054) 0.08ng/ul

response 1285

Ion	Exp%	Act%
202.00	100	100
101.00	4.40	0.00#
100.00	4.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

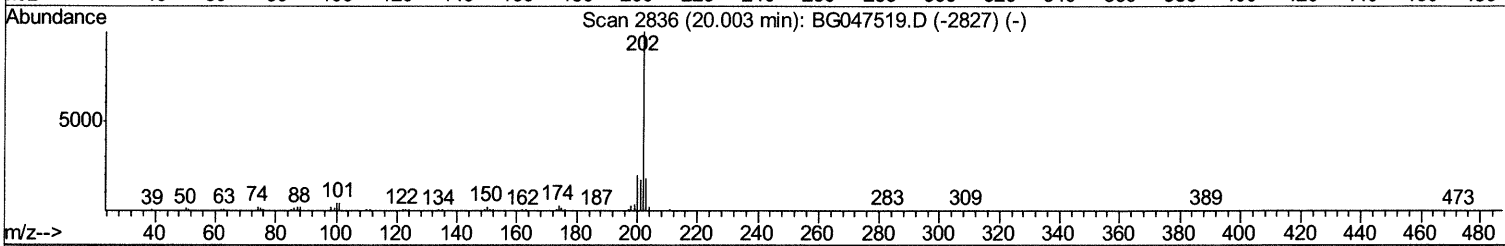
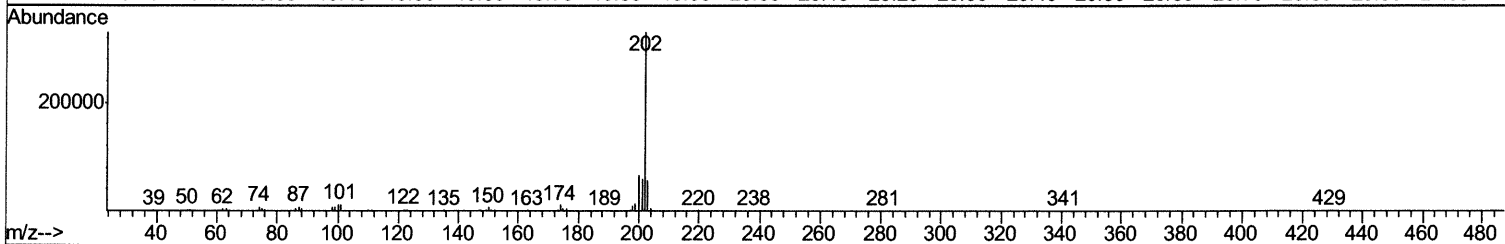
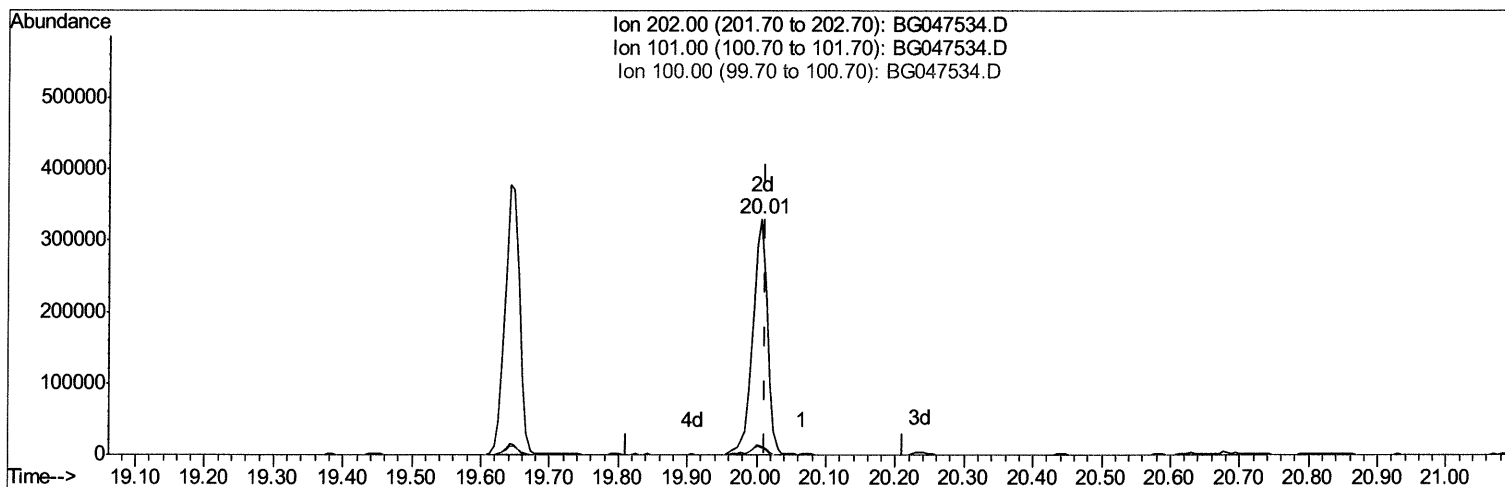
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(80) Pyrene

20.007min (-0.005) 30.76ng/ul m 12/04/2020

response 480993

Ion	Exp%	Act%
202.00	100	100
101.00	4.40	3.50#
100.00	4.20	3.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

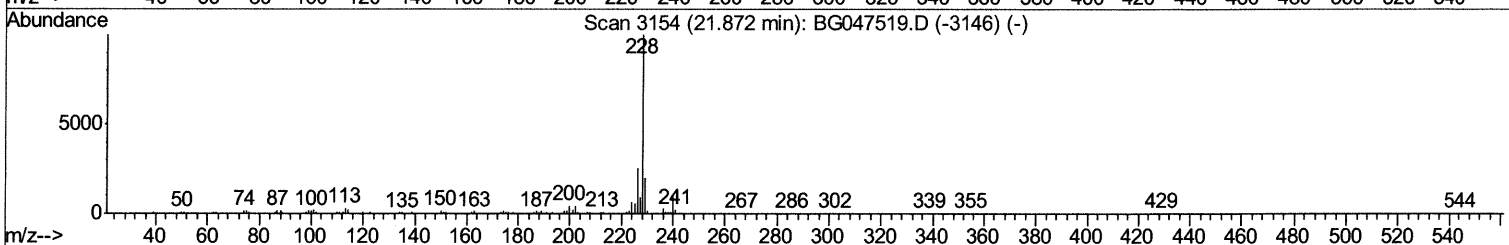
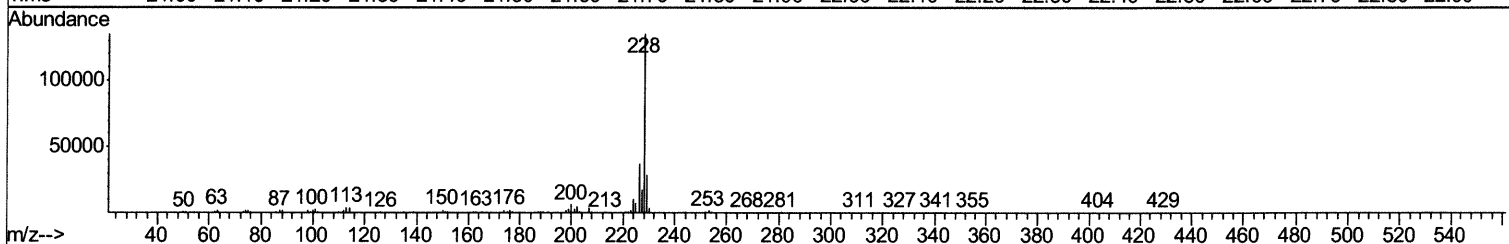
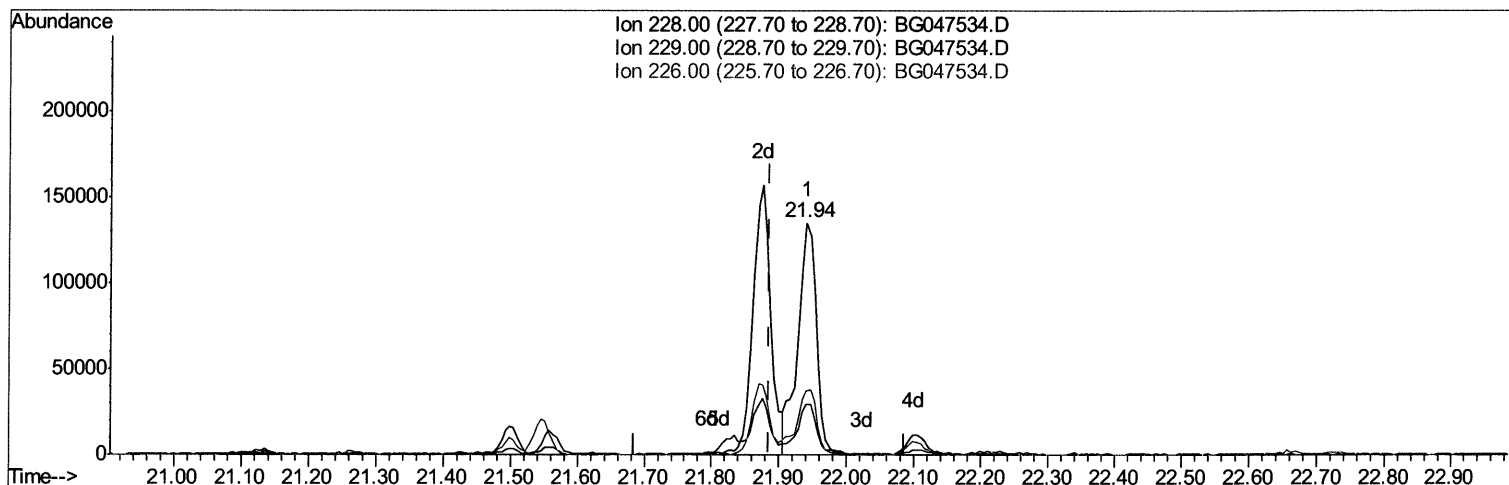
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(83) Benzo(a)anthracene

21.940min (+0.054) 16.29ng/ul

response 255936

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.59
226.00	27.10	27.73
0.00	0.00	0.00

Quantitation Report (Qedit)

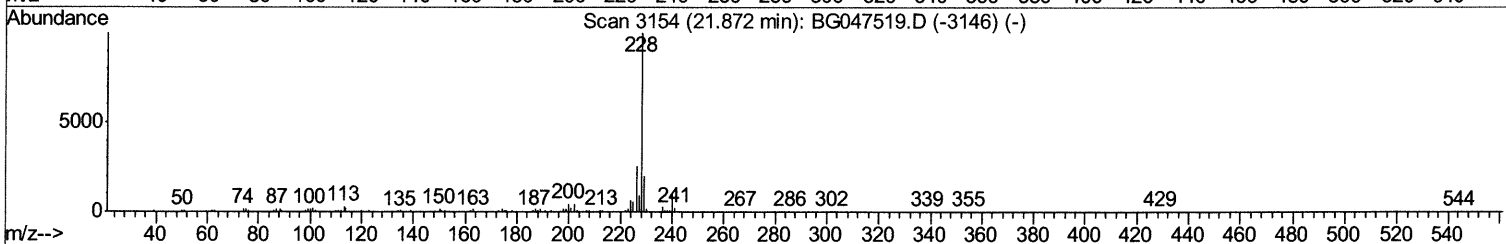
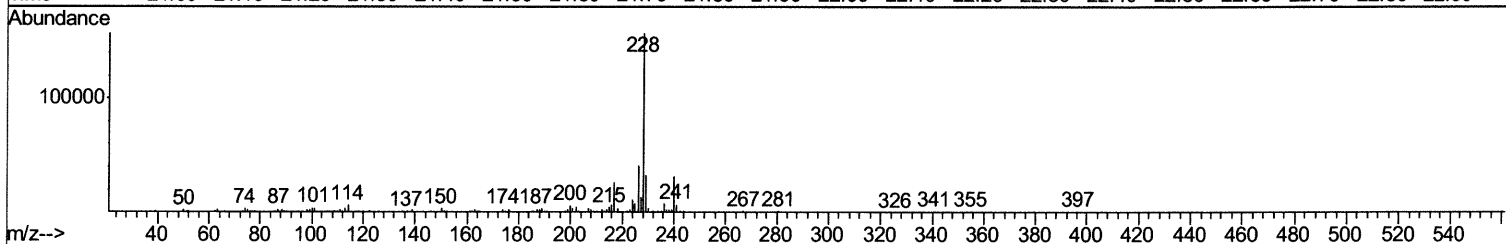
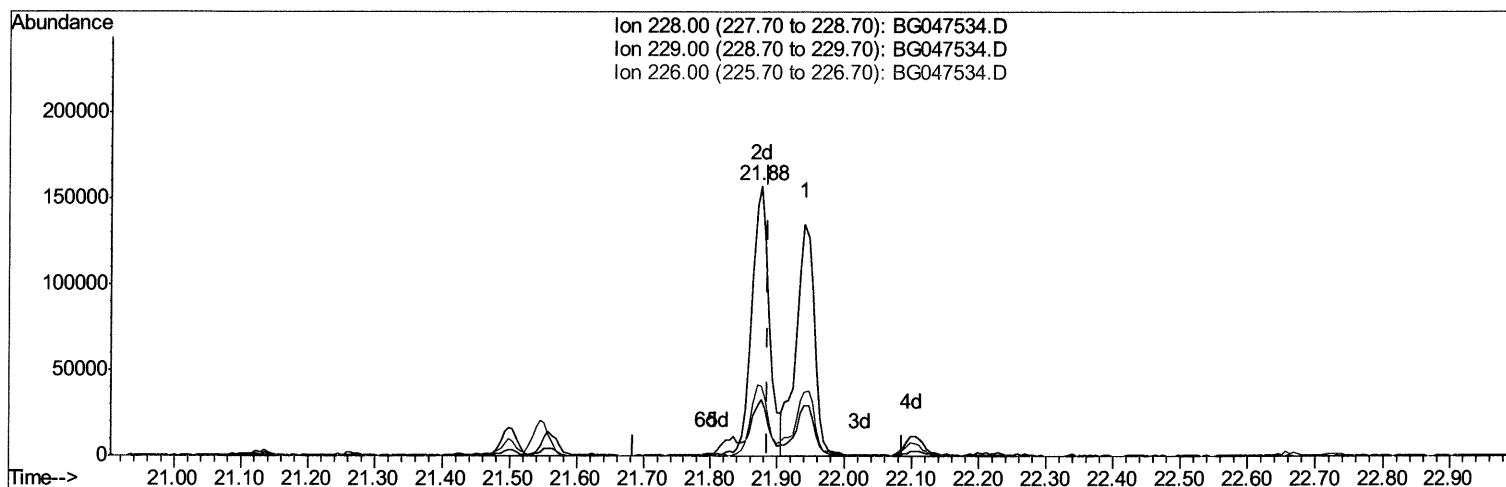
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(83) Benzo(a)anthracene

21.875min (-0.011) 18.48ng/ul m 12/04/2020 JU

response 290318

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	20.93
226.00	27.10	25.84
0.00	0.00	0.00

Quantitation Report (Qedit)

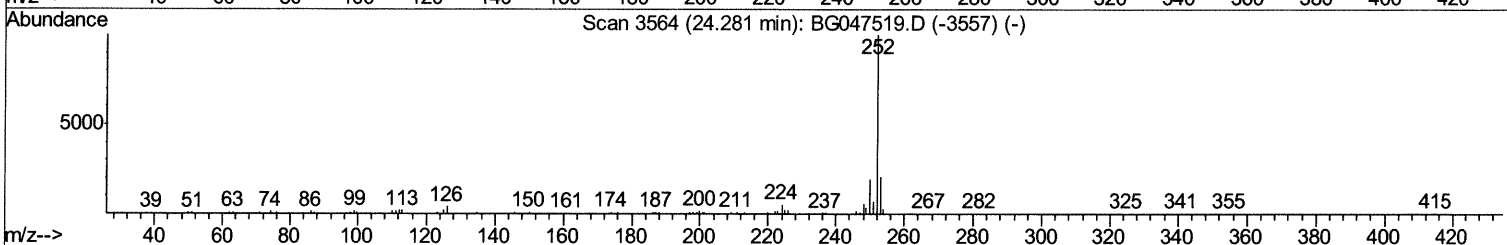
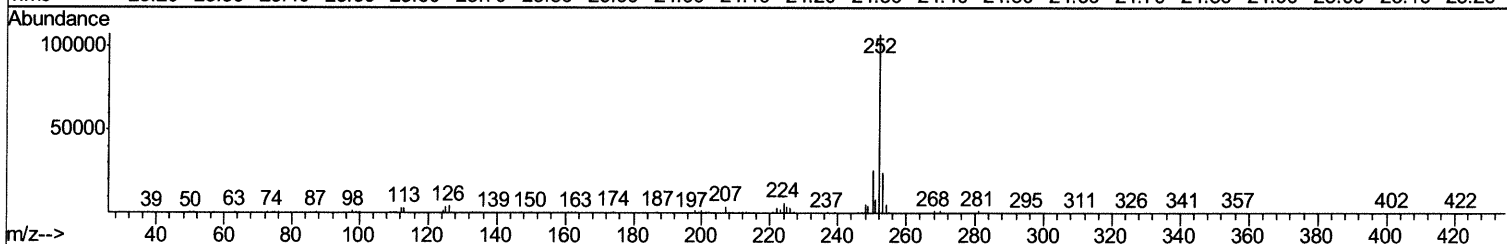
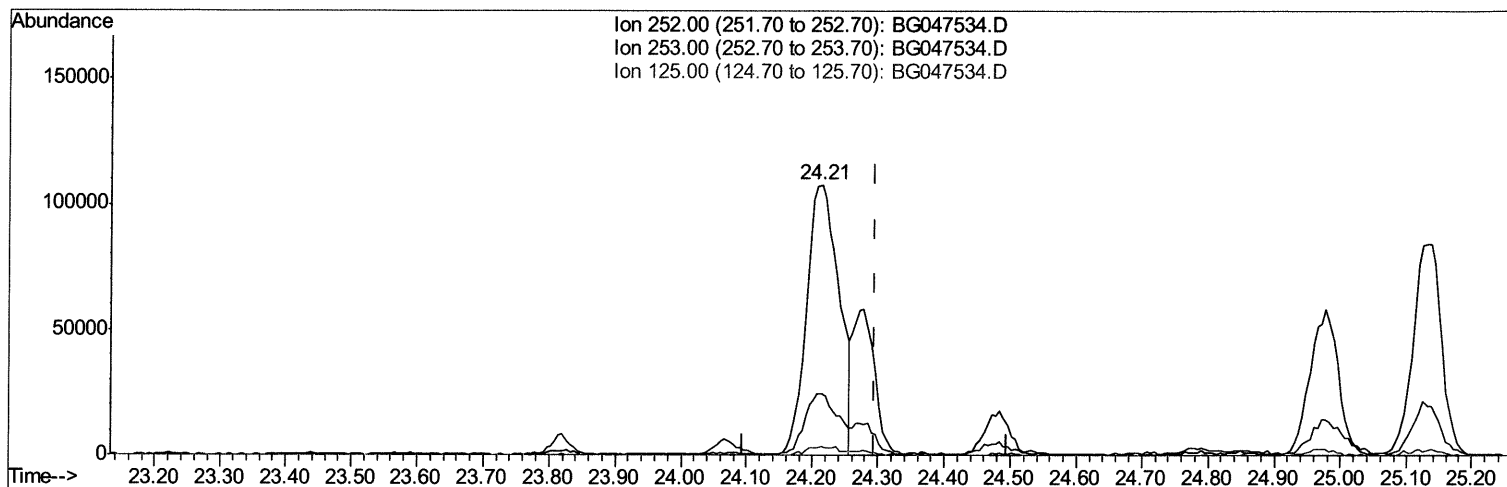
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(89) Benzo(k)fluoranthene

24.214min (-0.081) 22.73ng/ul

response 368686

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	22.60
125.00	2.70	3.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

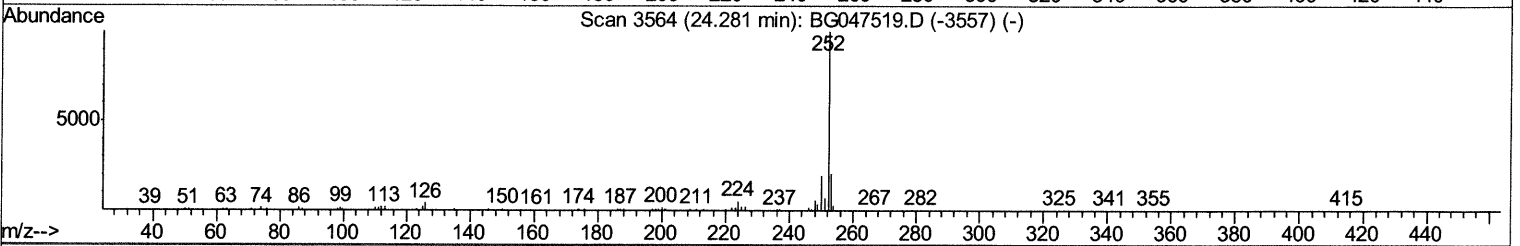
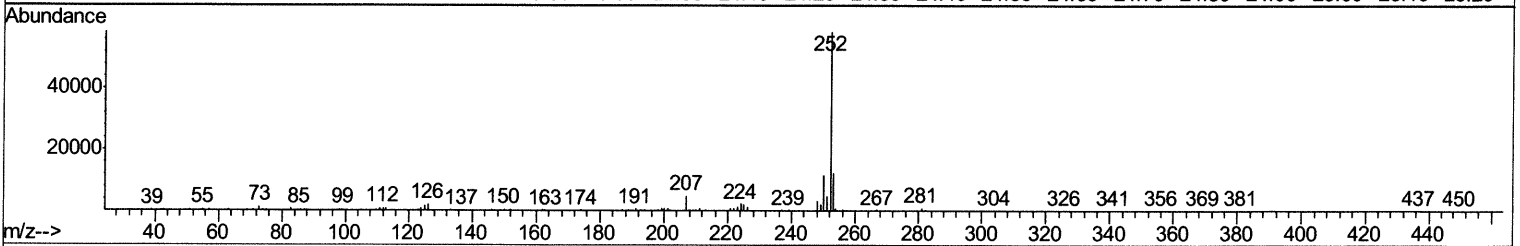
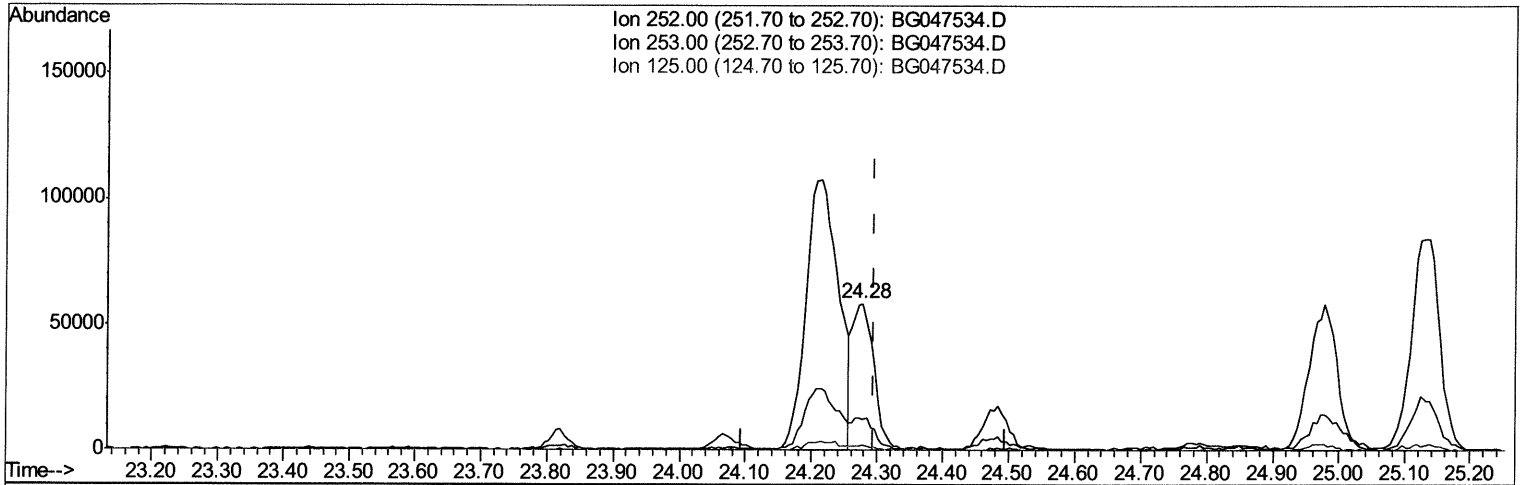
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(89) Benzo(k)fluoranthene

24.278min (-0.017) 8.41ng/ul m 12/04/20 JU

response 136410

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	21.17
125.00	2.70	3.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

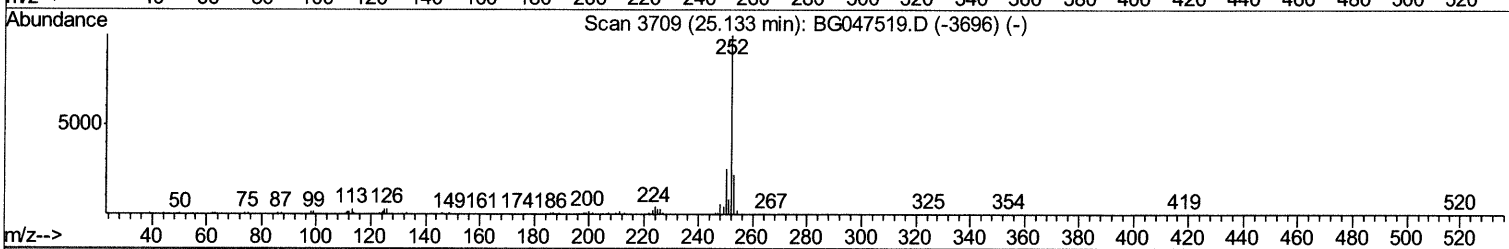
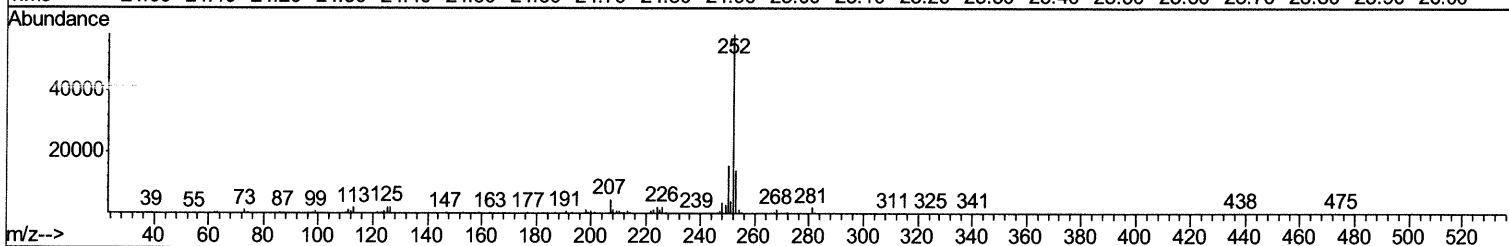
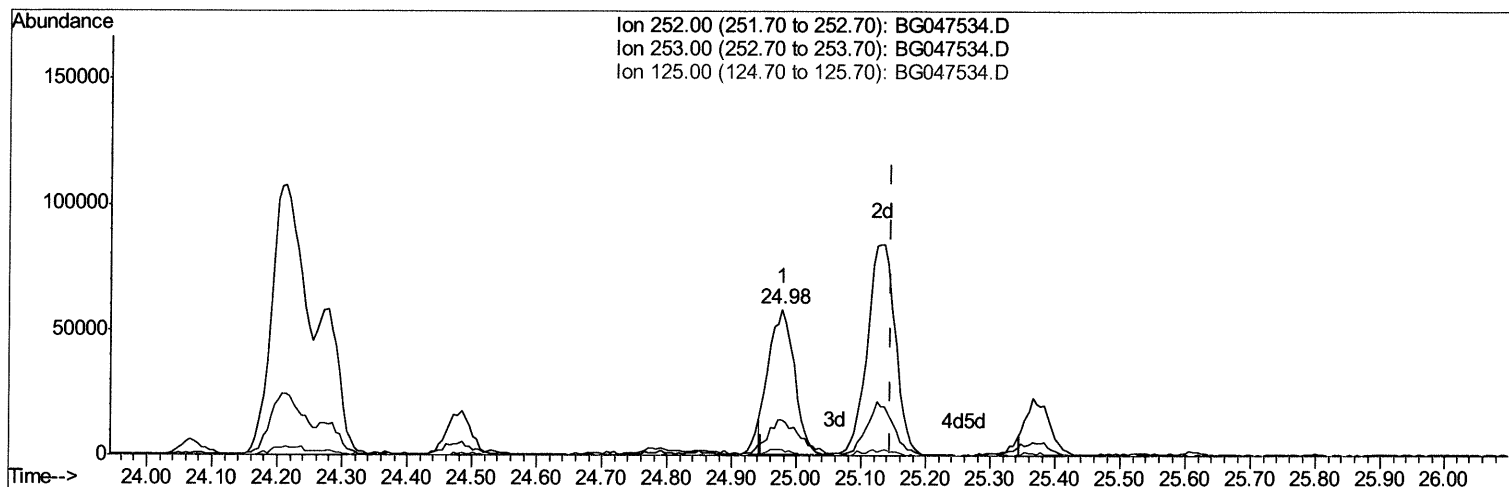
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(91) Benzo(a)pyrene (C)

24.977min (-0.169) 10.85ng/ul

response 159212

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	24.21
125.00	3.90	3.82
0.00	0.00	0.00

Quantitation Report (Qedit)

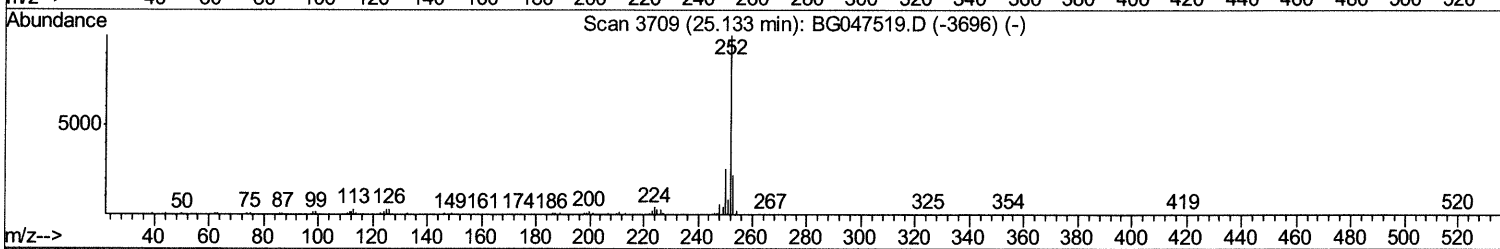
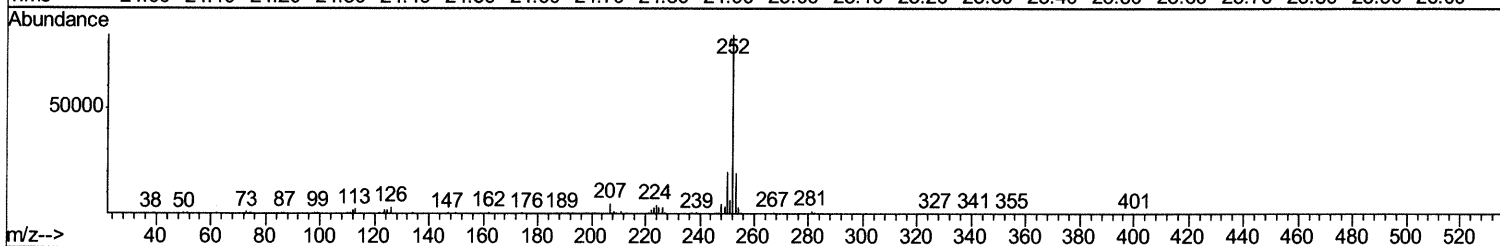
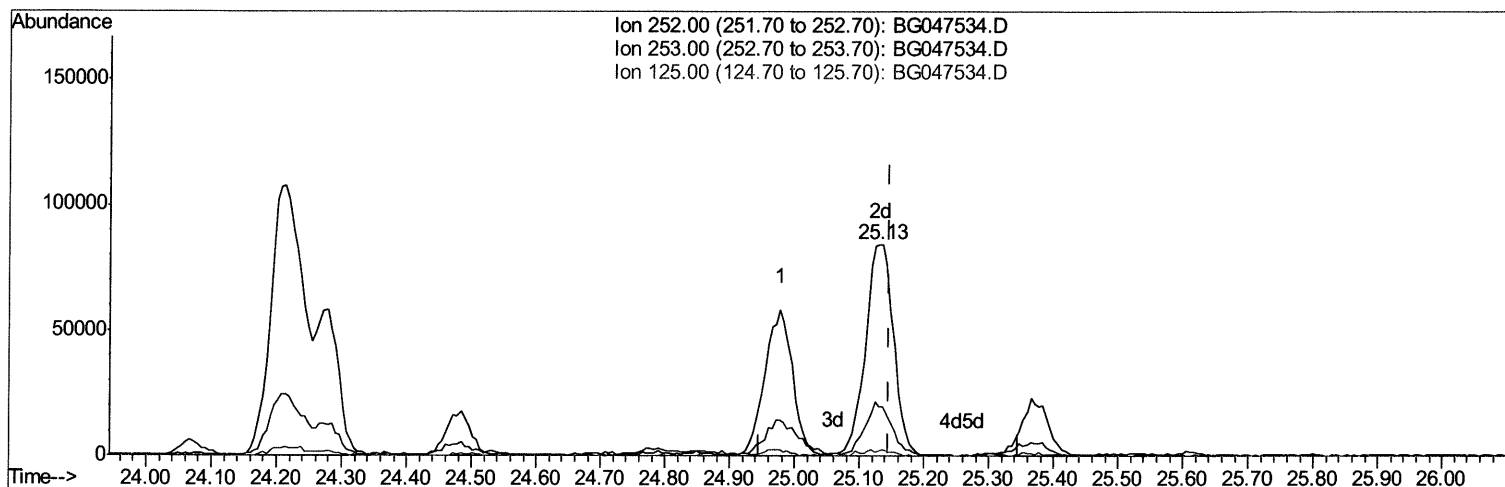
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(91) Benzo(a)pyrene (C)

25.130min (-0.017) 17.46ng/ul m 12/04/2020

response 256190

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	23.02
125.00	3.90	2.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

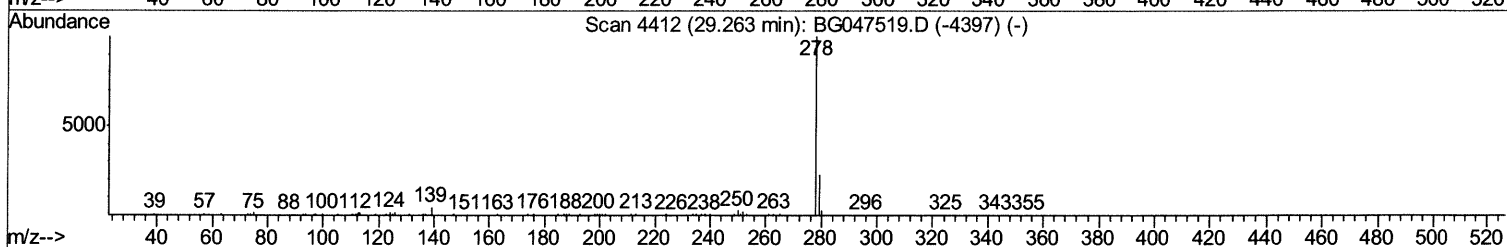
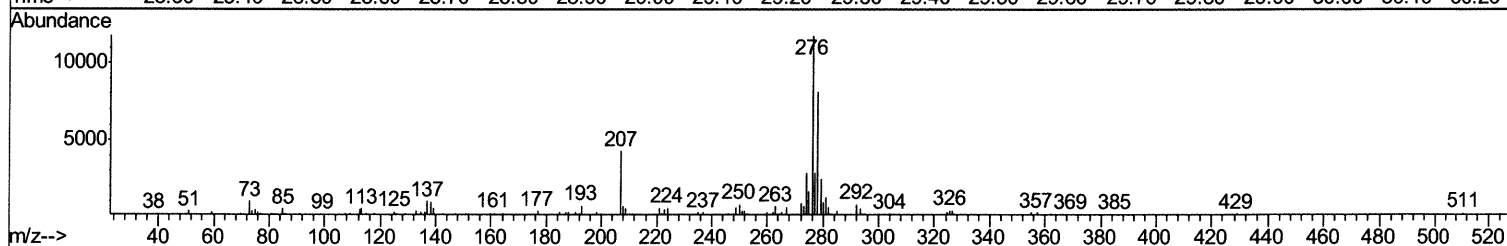
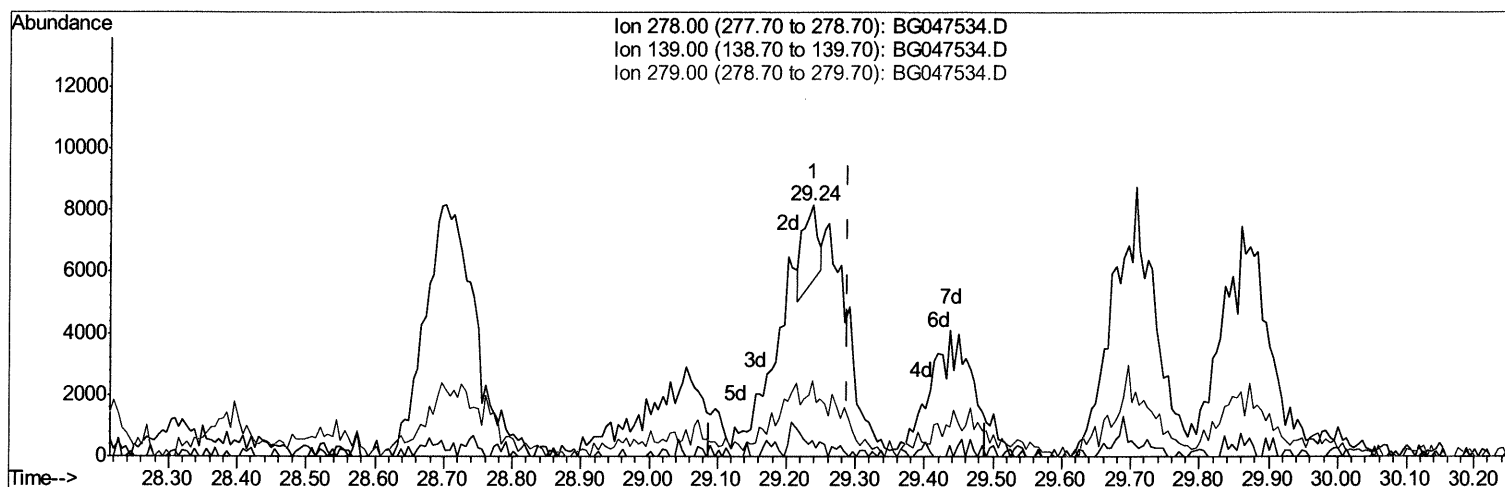
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(93) Dibenzo(a,h)anthracene

29.237min (-0.052) 0.28ng/ul

response 4025

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	9.27#
279.00	22.70	30.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

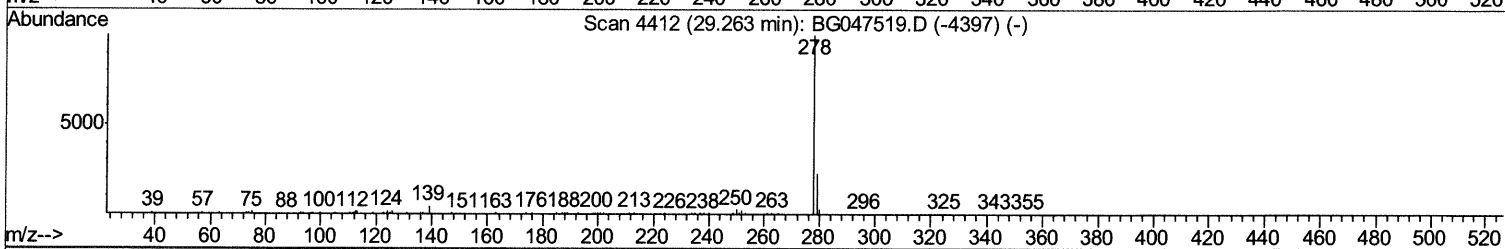
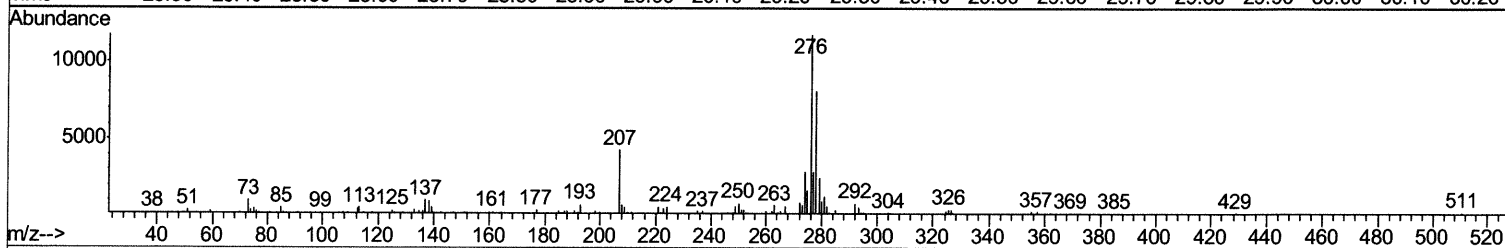
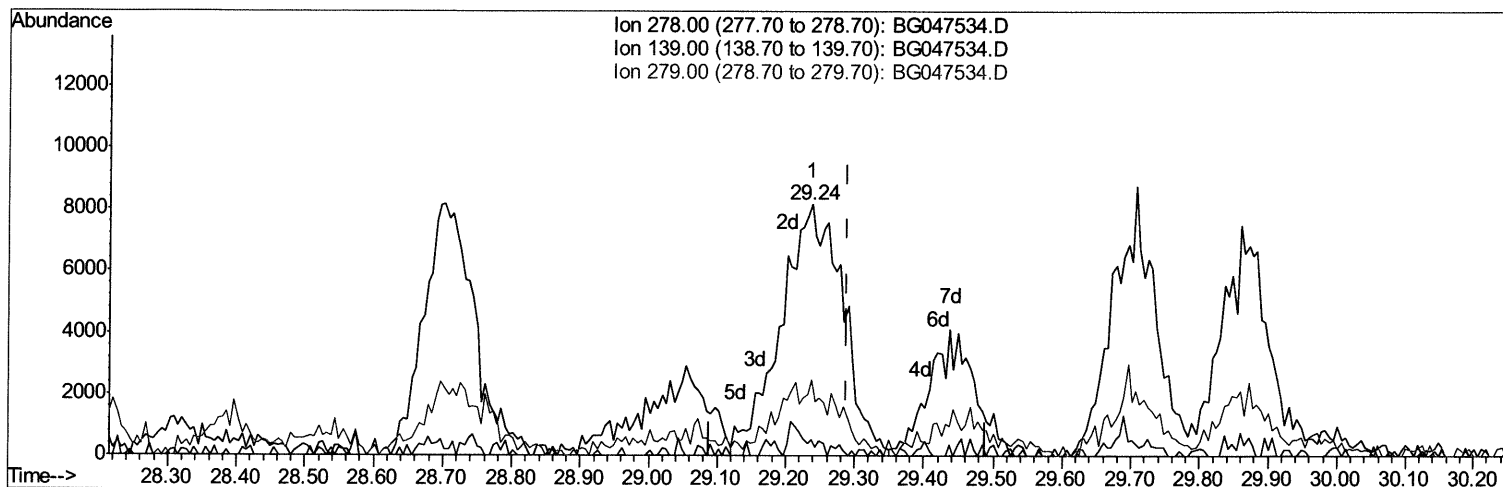
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047534.D
Acq On : 2 Dec 2020 16:45
Operator : CG/JU
Sample : L4865-04DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B24DL

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047534.D

(93) Dibenzo(a,h)anthracene

29.237min (-0.052) 3.47ng/ul m 12/04/20 JU

response 50815

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	6.40
279.00	22.70	30.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

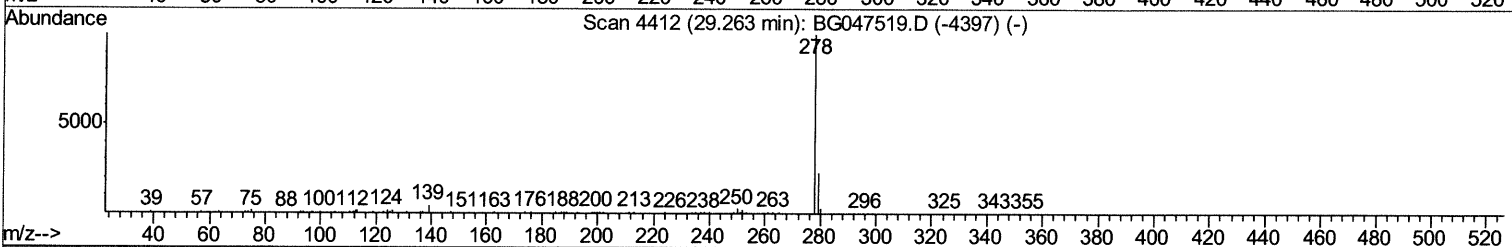
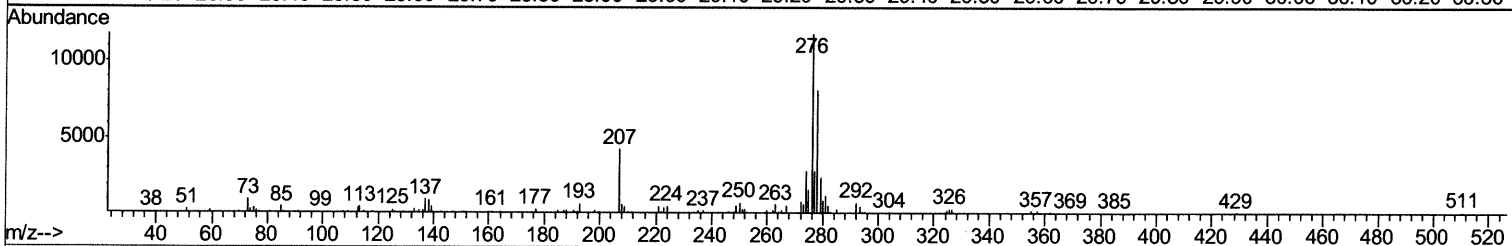
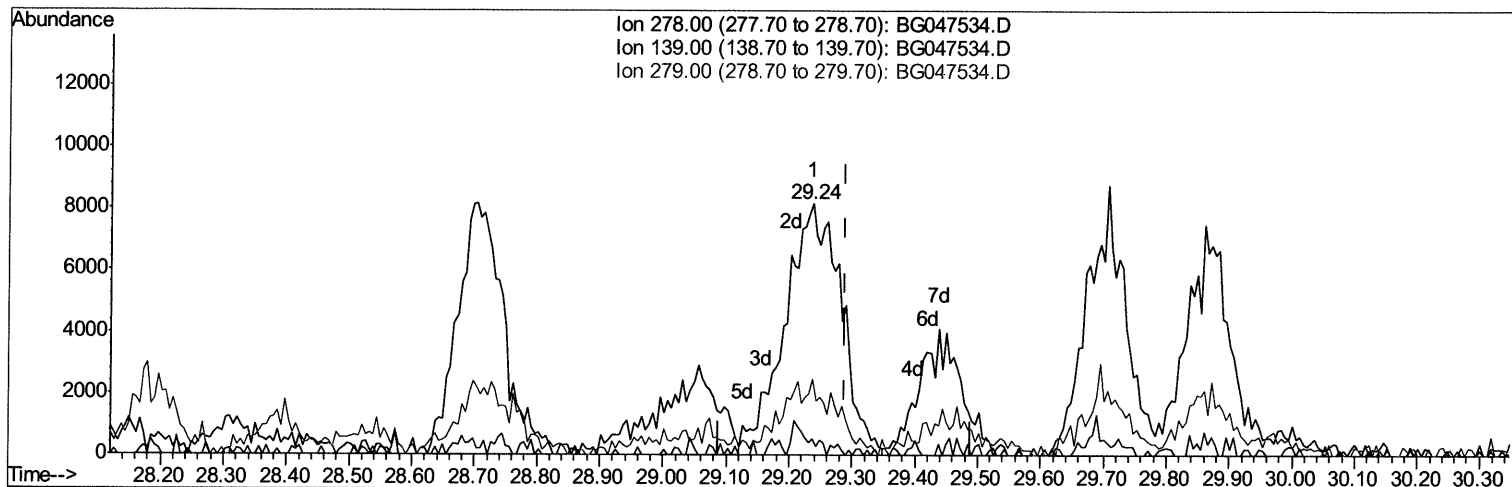
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:25:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047534.D

(93) Dibenzo(a,h)anthracene

29.237min (-0.052) 3.47ng/ul m 12/04/20 54

response 50815

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	6.40
279.00	22.70	30.07#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047534.D
 Acq On : 2 Dec 2020 16:45
 Operator : CG/JU
 Sample : L4865-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24DL

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:17 PM

Quant Time: Dec 02 17:52:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	29380	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	116959	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.87	164	96382	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.61	188	235290m	20.00	ng/ul	-0.01
78) Chrysene-d12	21.89	240	220763m	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	233148	20.00	ng/ul	-0.02

12/04/20 JU

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.39	99	6695	2.27	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	3958	2.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	5158	2.61	ng/ul	-0.02
13) 4-Methylphenol-d8	8.95	113	4107	1.81	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	2882m	2.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.17	143	3219m	3.05	ng/ul	-0.00
26) 2,4-Dichlorophenol-d3	10.69	165	6586	2.73	ng/ul	+0.02
29) 4-Chloroaniline-d4	11.21	131	4325	1.77	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	22917	2.77	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	27005	2.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	2155	1.71	ng/ul	-0.01
58) Fluorene-d10	15.86	176	22132	2.92	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.71	188	37561	3.22	ng/ul	-0.01
79) Pyrene-d10	19.97	212	41088m	3.20	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.06	264	43548	3.25	ng/ul	-0.02

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Target Compounds

					Ovalue	
28) Naphthalene	11.14	128	16390	2.474	ng/ul#	93
34) 2-Methylnaphthalene	12.73	142	7167	1.460	ng/ul#	64
50) Acenaphthene	14.94	153	15912	2.552	ng/ul	87
54) Dibenzofuran	15.27	168	11185	1.222	ng/ul#	74
59) Fluorene	15.92	166	18924	2.453	ng/ul#	89
70) Phenanthrene	17.65	178	305711m	24.060	ng/ul	
72) Anthracene	17.74	178	54354	4.248	ng/ul	96
75) Carbazole	18.00	167	34055	3.299	ng/ul	97
77) Fluoranthene	19.64	202	557688	34.754	ng/ul	99
80) Pyrene	20.01	202	480993m	30.758	ng/ul	
83) Benzo(a)anthracene	21.88	228	290318m	18.483	ng/ul	
85) Chrysene	21.94	228	251674	16.837	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	368686	22.397	ng/ul	97
89) Benzo(k)fluoranthene	24.28	252	136410m	8.409	ng/ul	
91) Benzo(a)pyrene	25.13	252	256190m	17.458	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.20	276	167740	9.397	ng/ul	99
93) Dibenzo(a,h)anthracene	29.24	278	50815m	3.472	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	144732	9.826	ng/ul#	95

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