

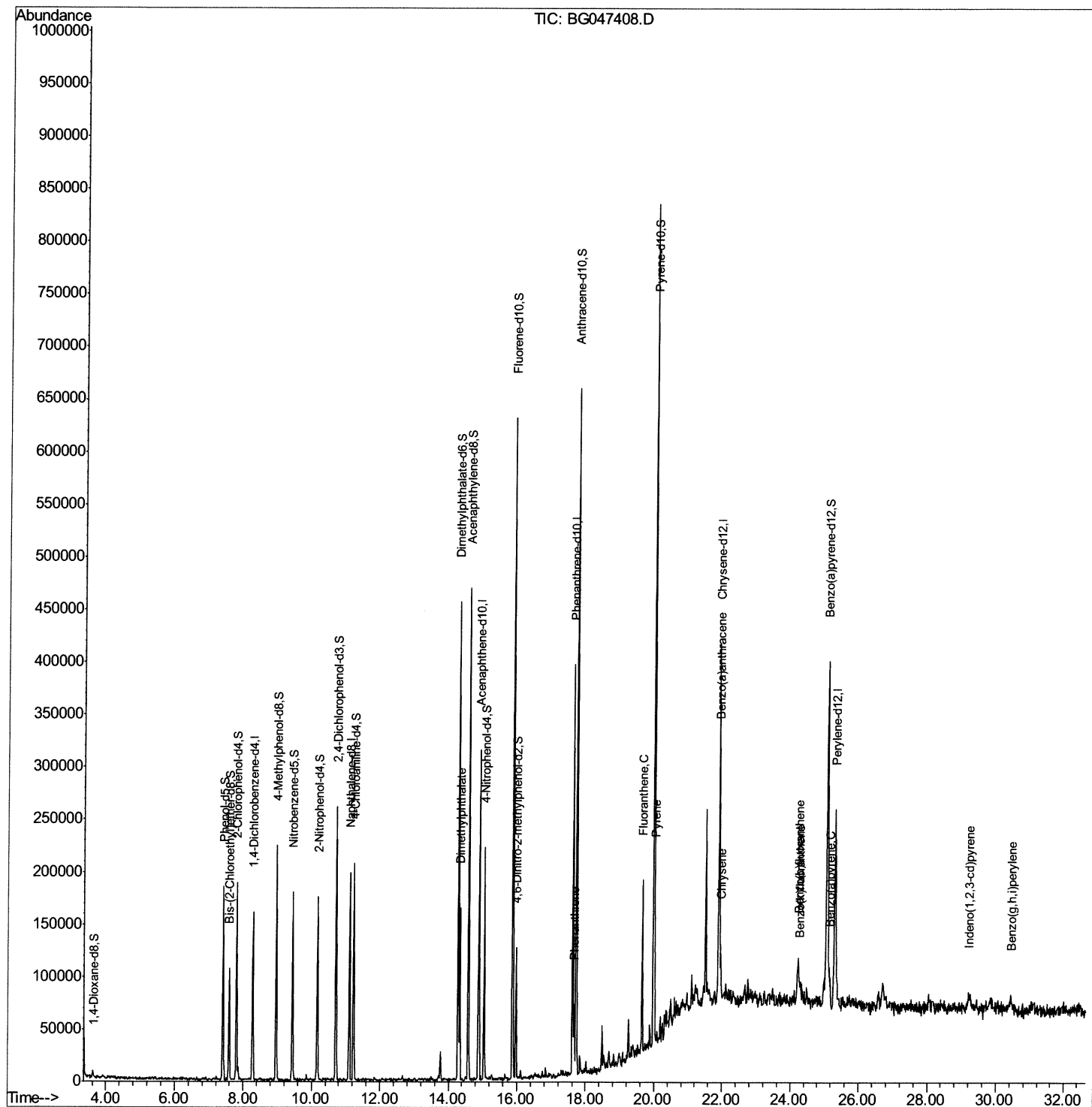
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:20:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

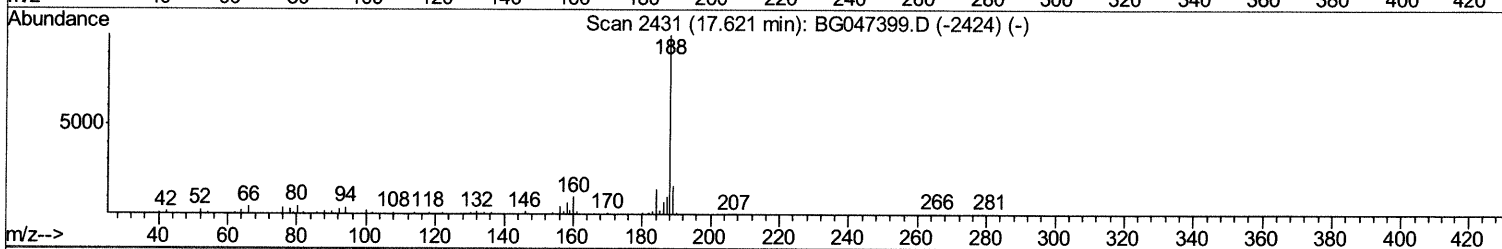
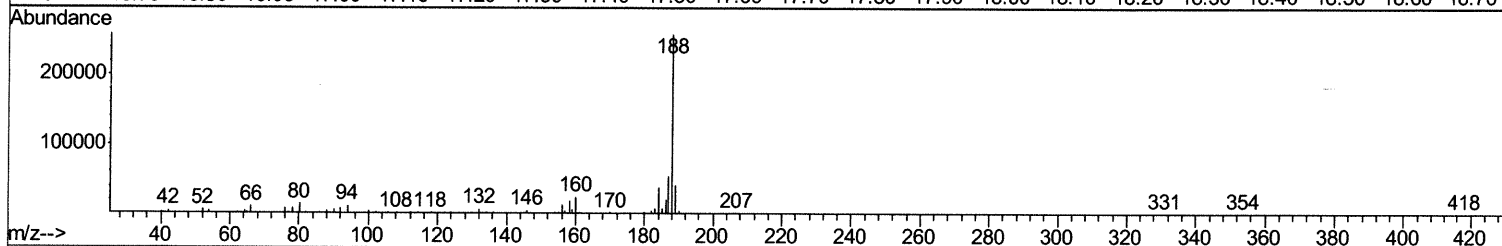
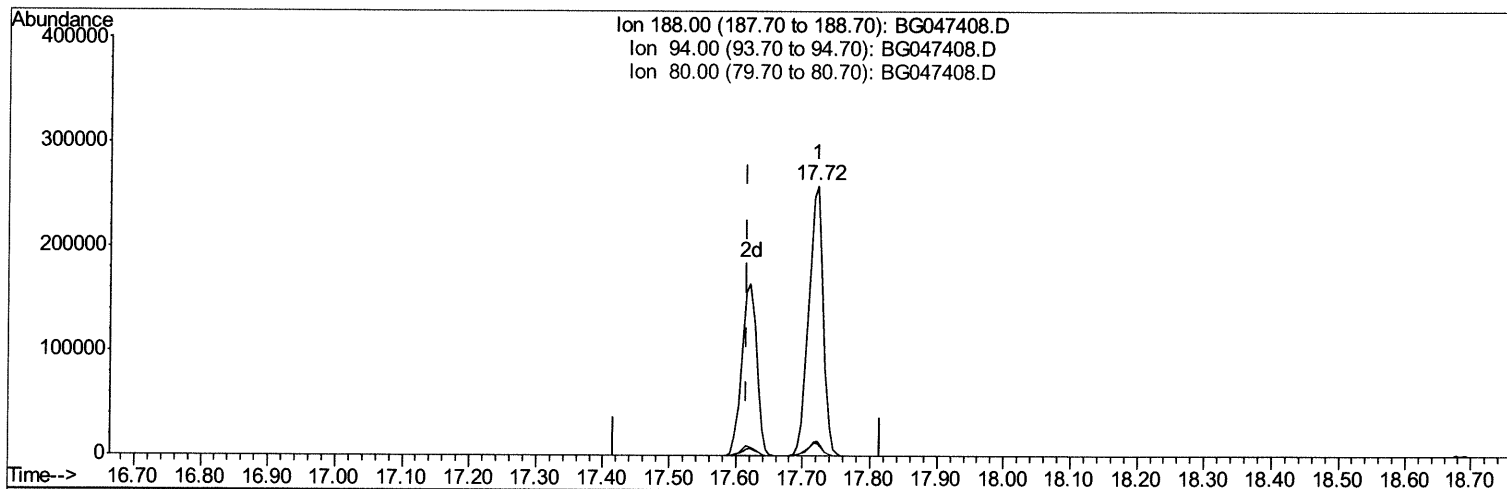
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0AW9

Manual Integrations
APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:12:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

(62) Phenanthrene-d10 (I)

17.721min (+0.105) 20.00ng/ul

response 391425

Ion	Exp%	Act%
188.00	100	100
94.00	4.20	4.35
80.00	6.50	5.43
0.00	0.00	0.00

Quantitation Report (Qedit)

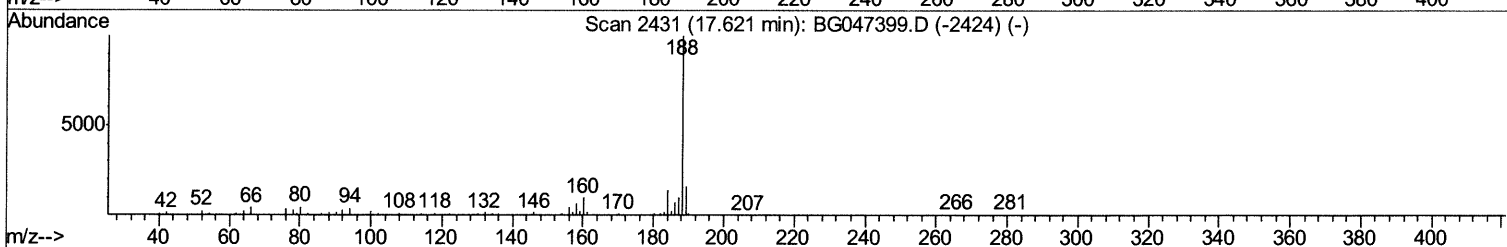
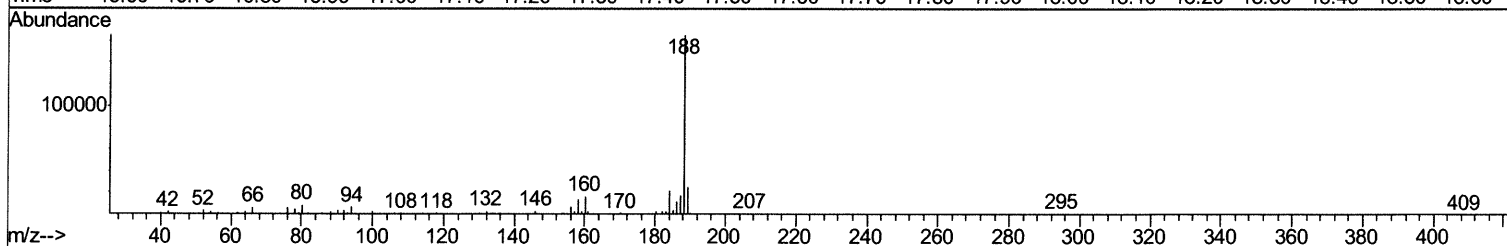
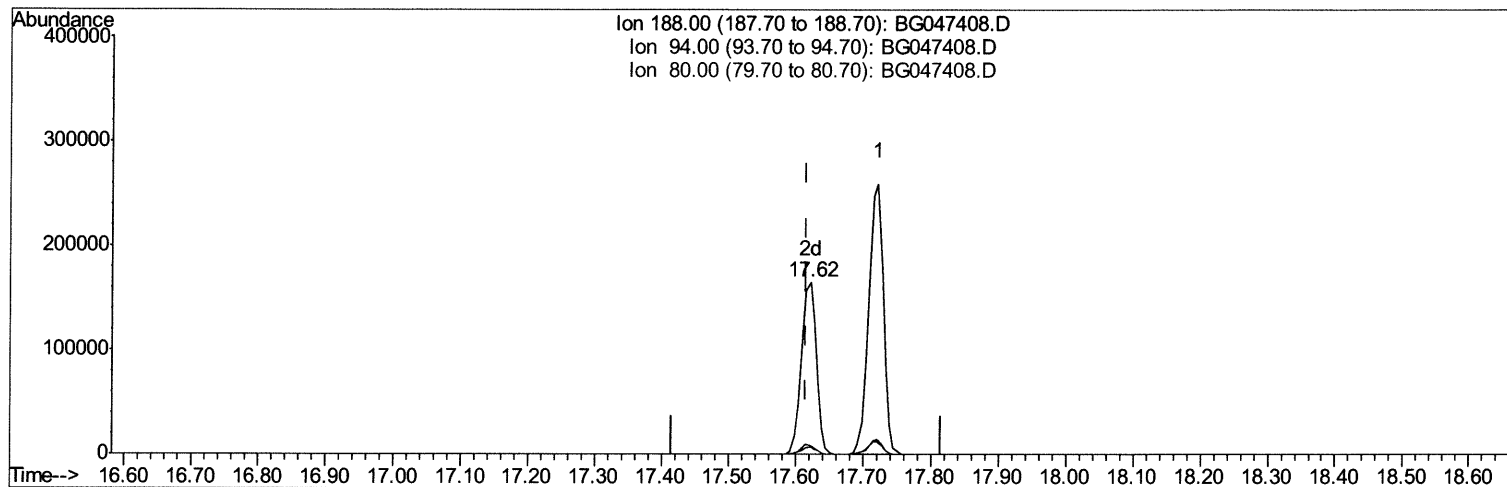
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:12:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047408.D

(62) Phenanthrene-d10 (I)

17.621min (+0.005) 20.00ng/ul m 11/30/20 JU

response 254551

Ion	Exp%	Act%
188.00	100	100
94.00	4.20	3.94
80.00	6.50	5.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

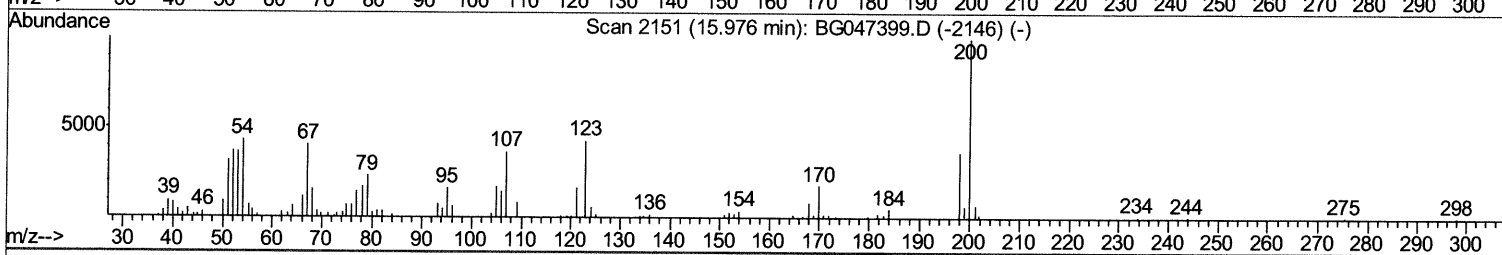
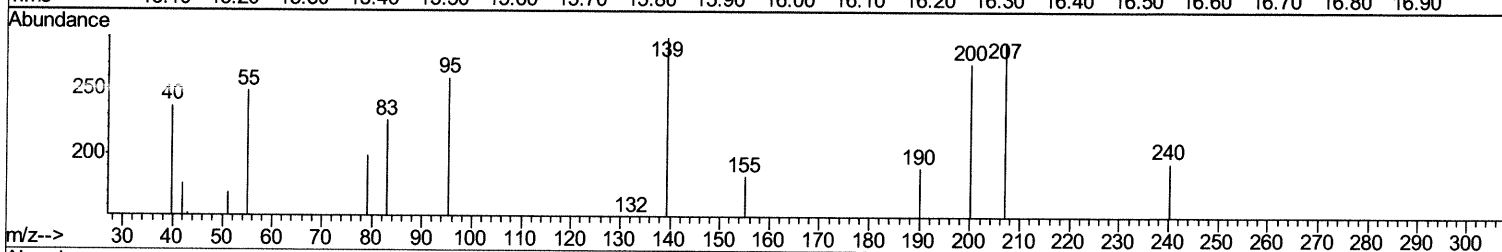
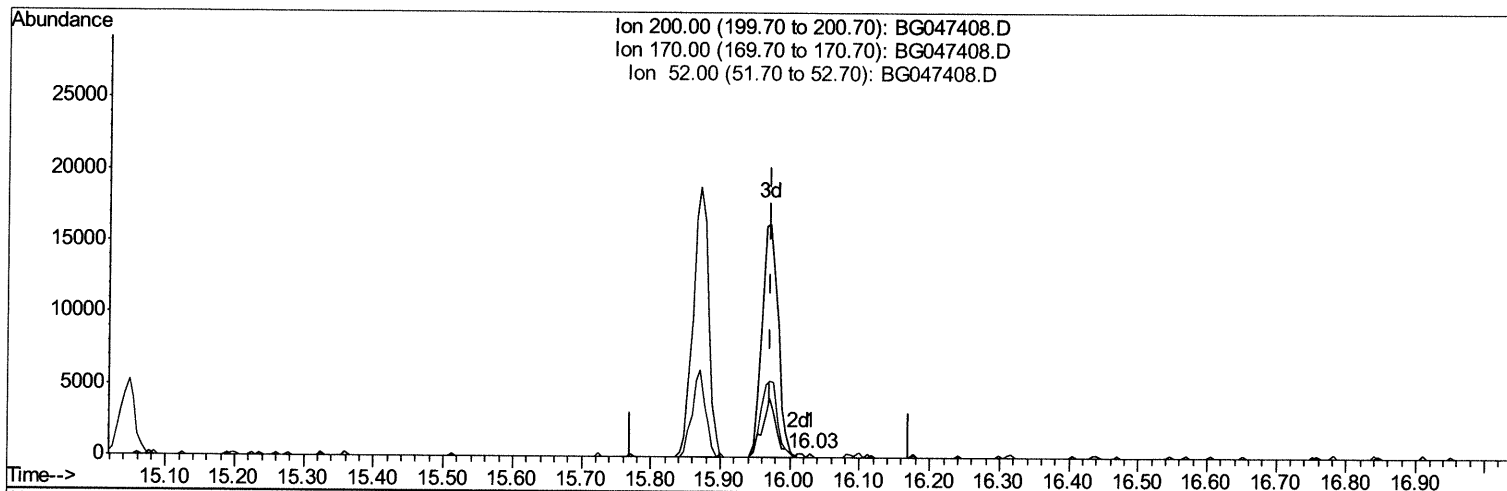
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:14:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

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

16.029min (+0.058) 0.07ng/ul

response 96

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	0.00#
52.00	42.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

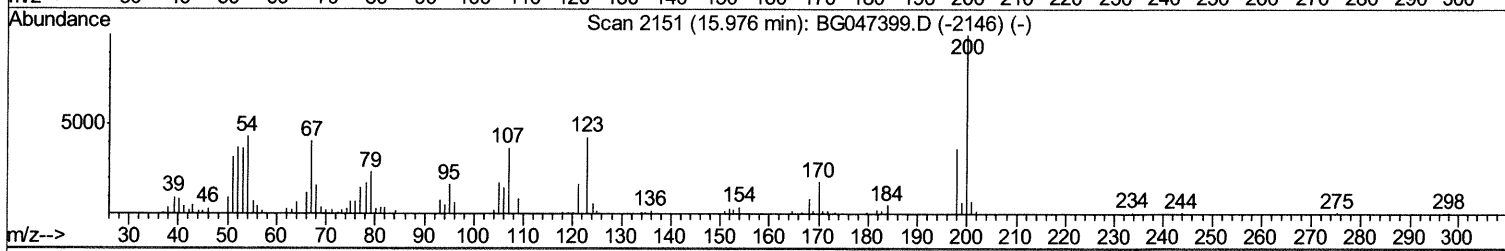
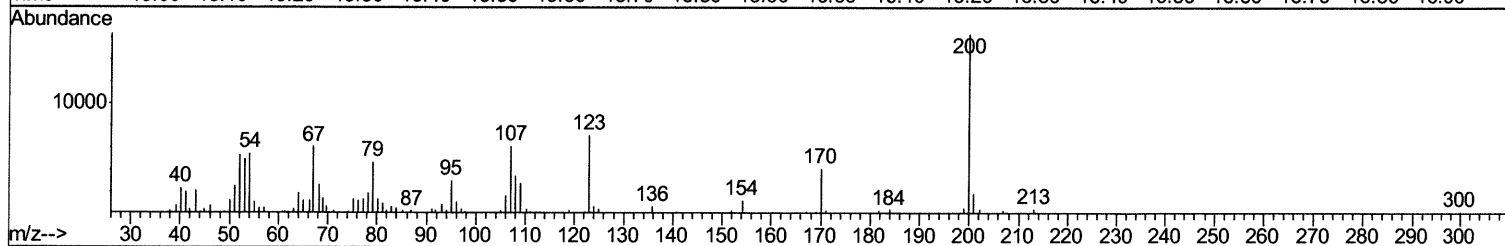
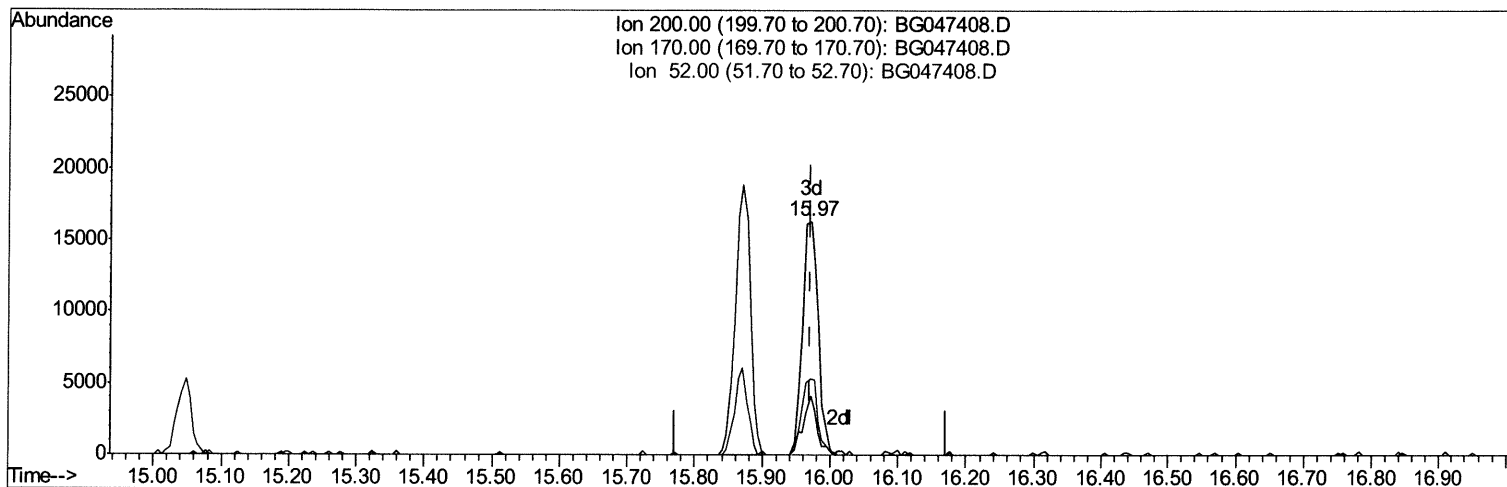
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:14:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

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

15.970min (-0.000) 18.15ng/ul m 11/31/20 JU

response 26302

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	25.52#
52.00	42.70	32.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

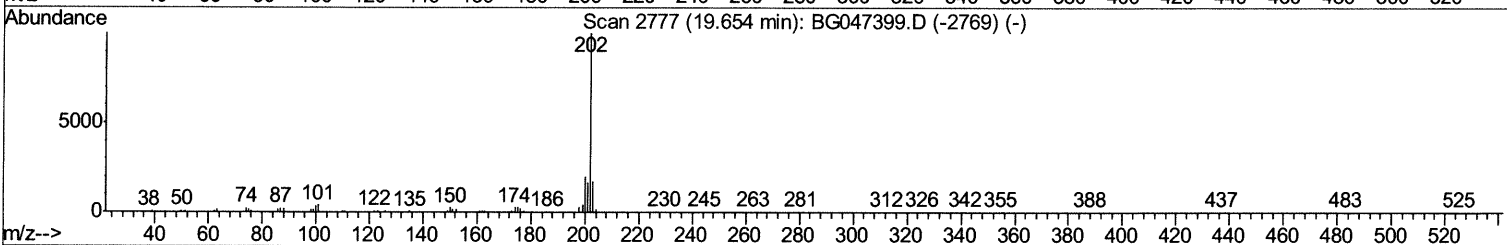
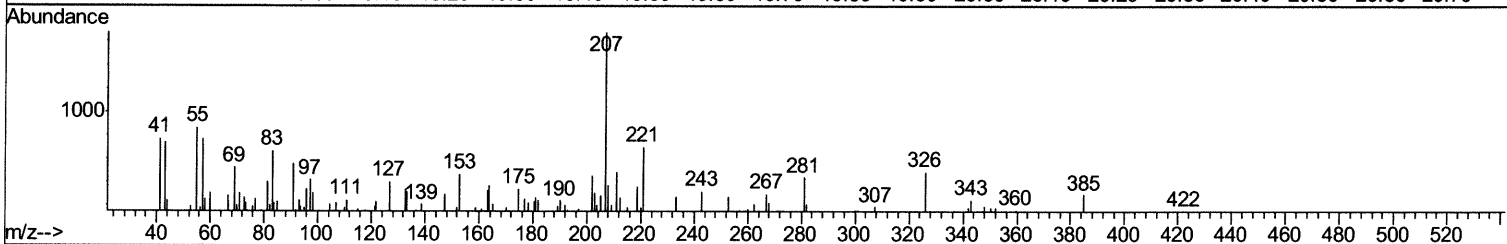
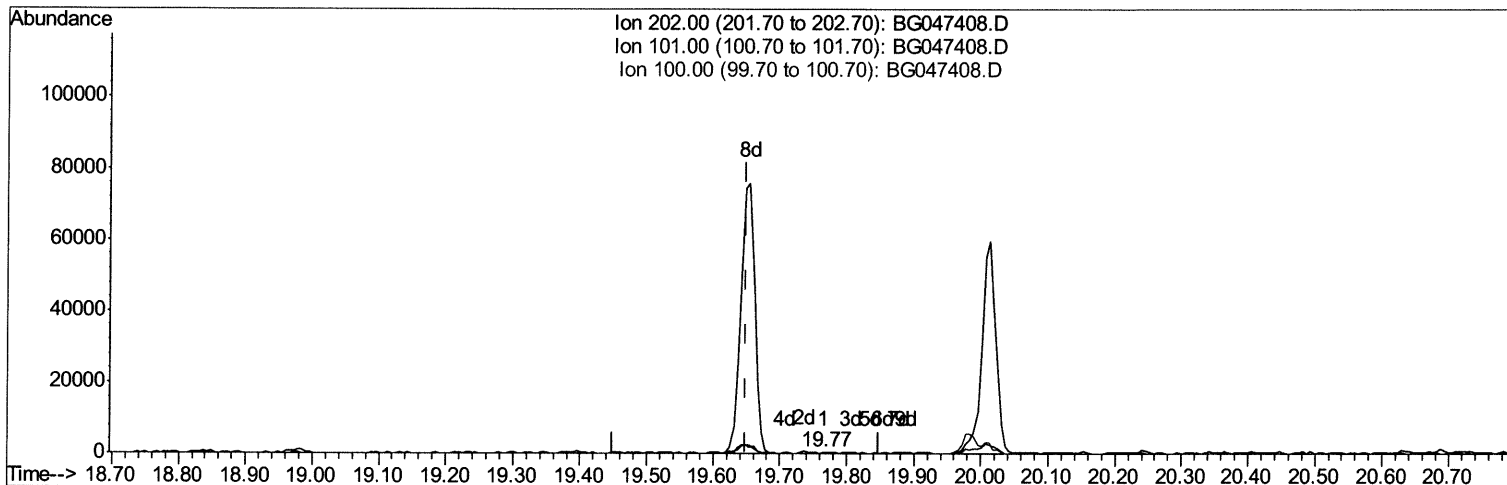
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
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mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:14:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

(77) Fluoranthene (C)

19.766min (+0.117) 0.02ng/ul

response 422

Ion	Exp%	Act%
202.00	100	100
101.00	4.10	0.00#
100.00	4.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

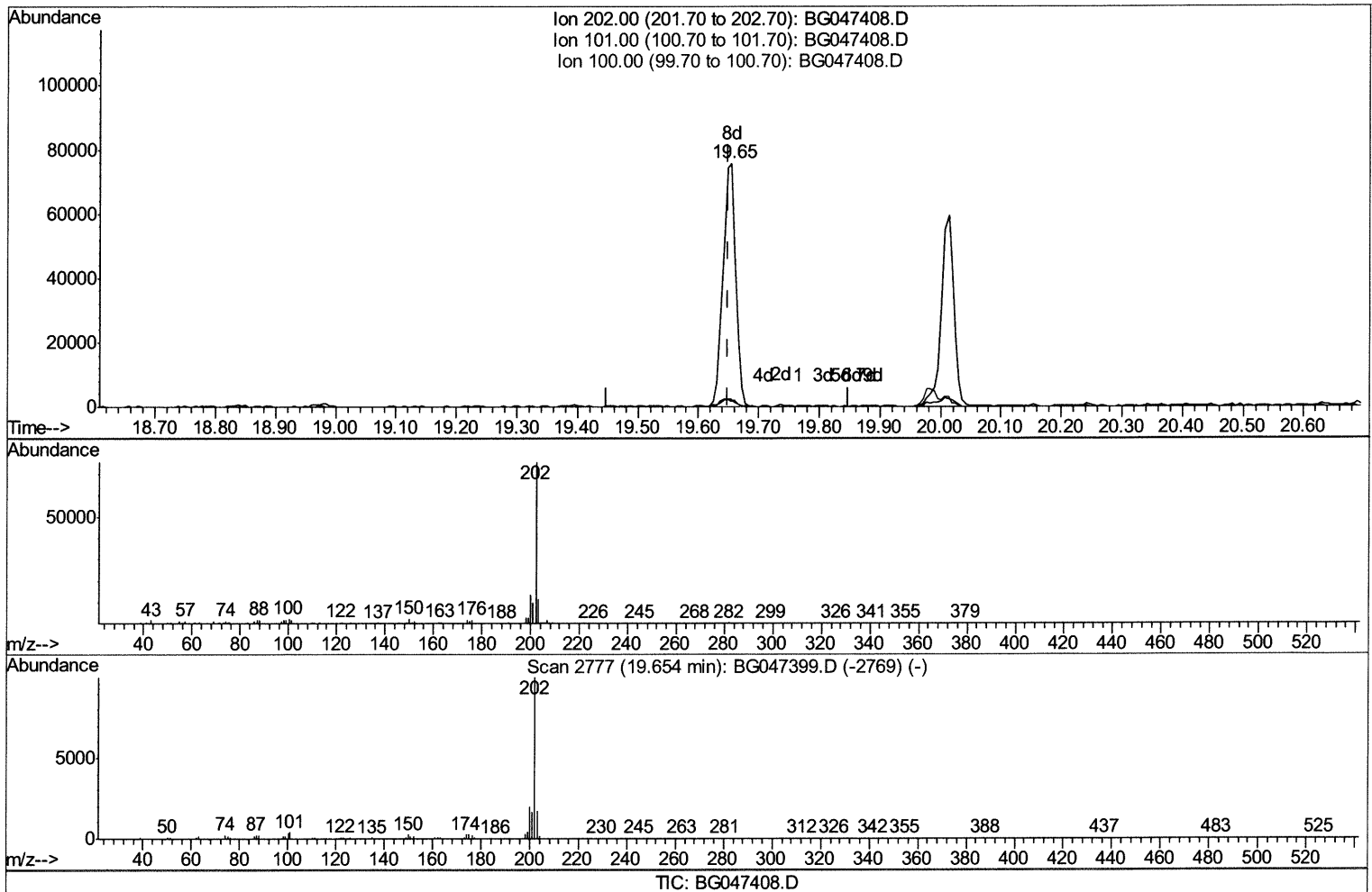
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:14:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



(77) Fluoranthene (C)

19.654min (+0.005) 6.34ng/ul m 11/30/20 JU

response 110053

Ion	Exp%	Act%
202.00	100	100
101.00	4.10	2.46#
100.00	4.20	3.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

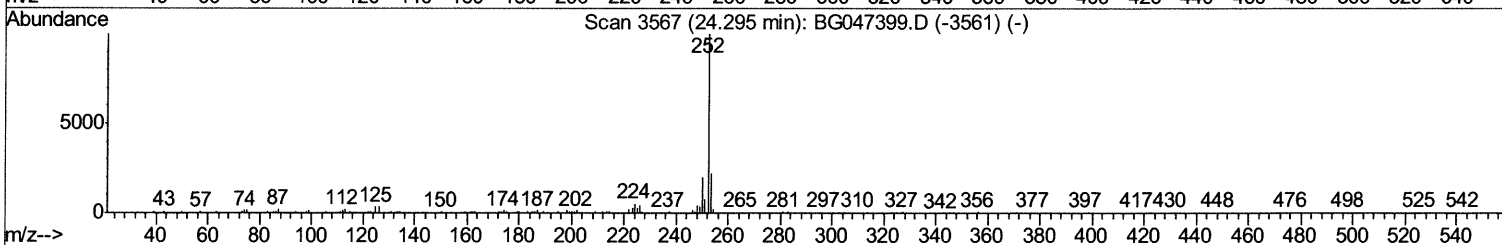
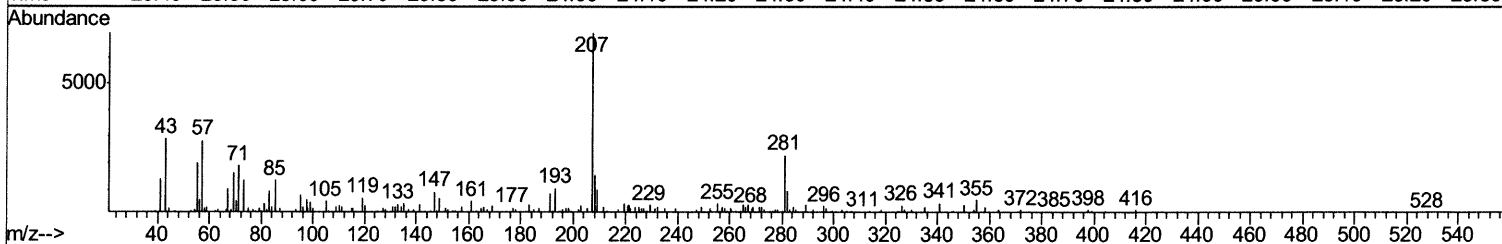
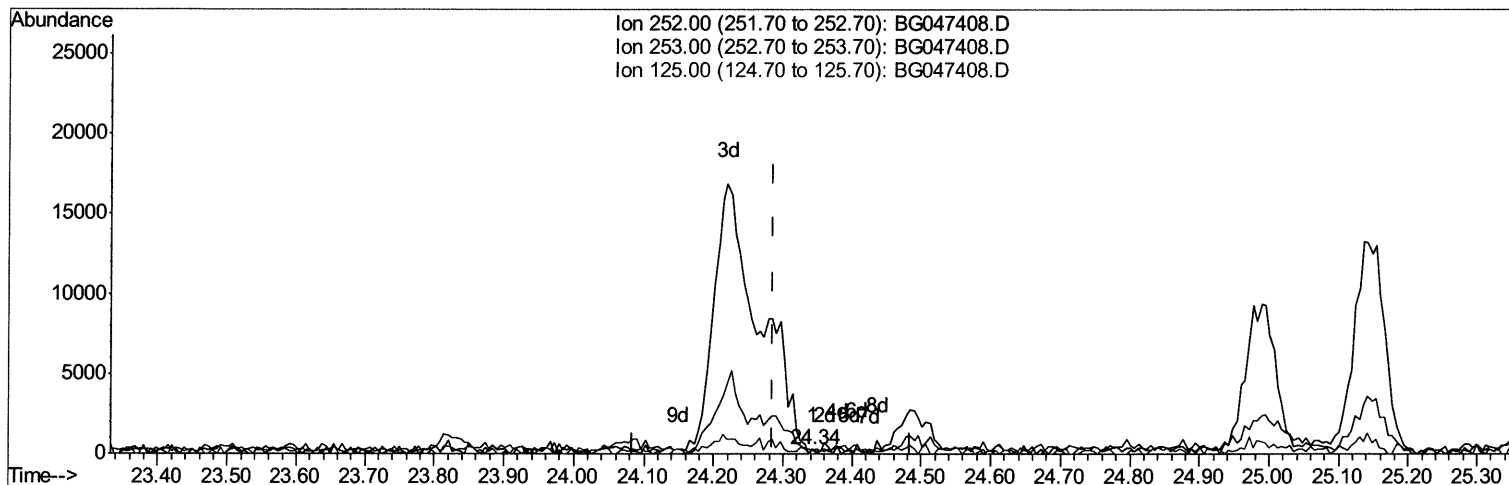
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:17:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047408.D

(89) Benzo(k)fluoranthene

24.343min (+0.058) 0.01ng/ul

response 96

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	77.49#
125.00	3.20	73.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

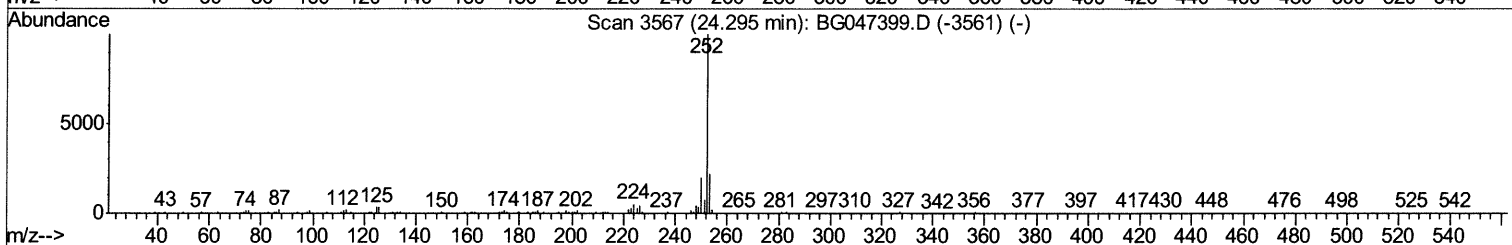
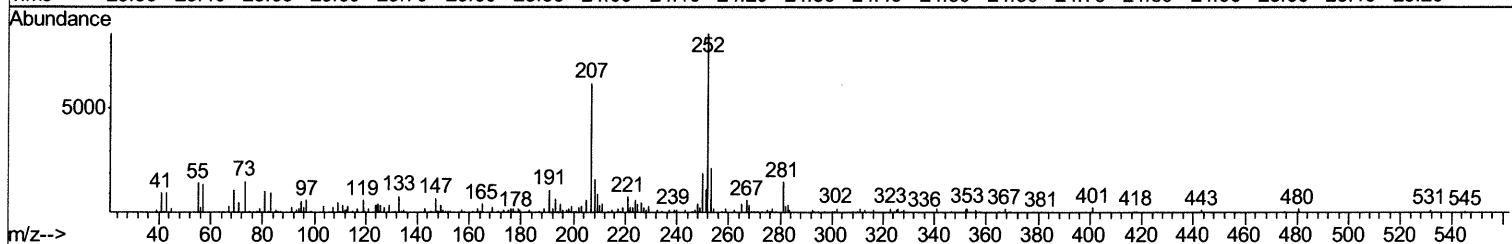
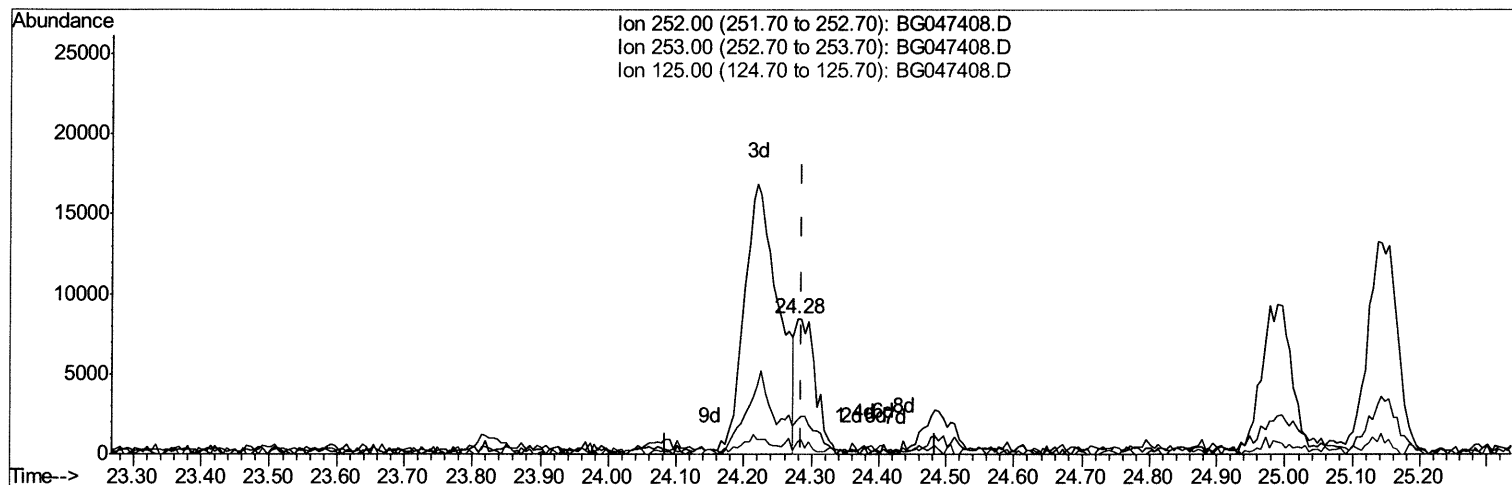
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 C0AW9

Manual Integrations
APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:17:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

(89) Benzo(k)fluoranthene

24.278min (-0.006) 1.10ng/ul m 11/30/2020 JU

response 16976

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	25.82#
125.00	3.20	6.85#
0.00	0.00	0.00

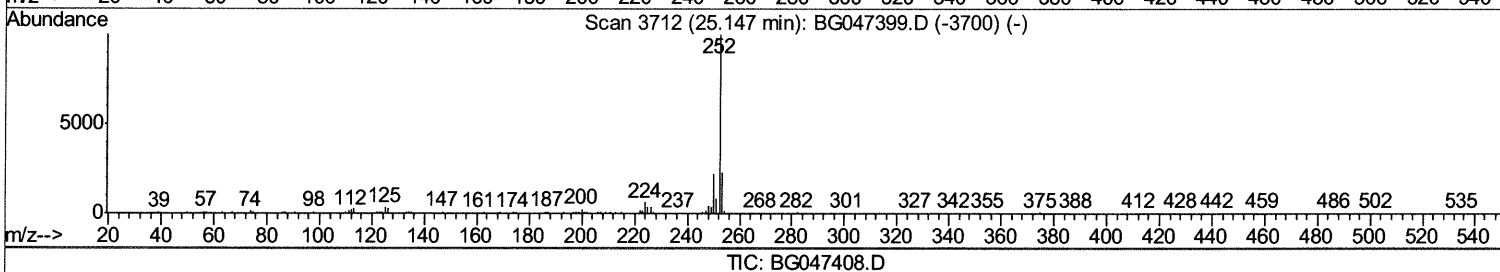
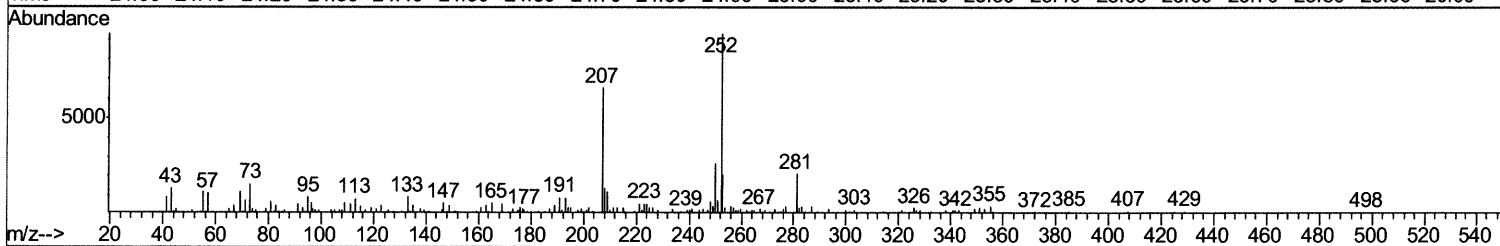
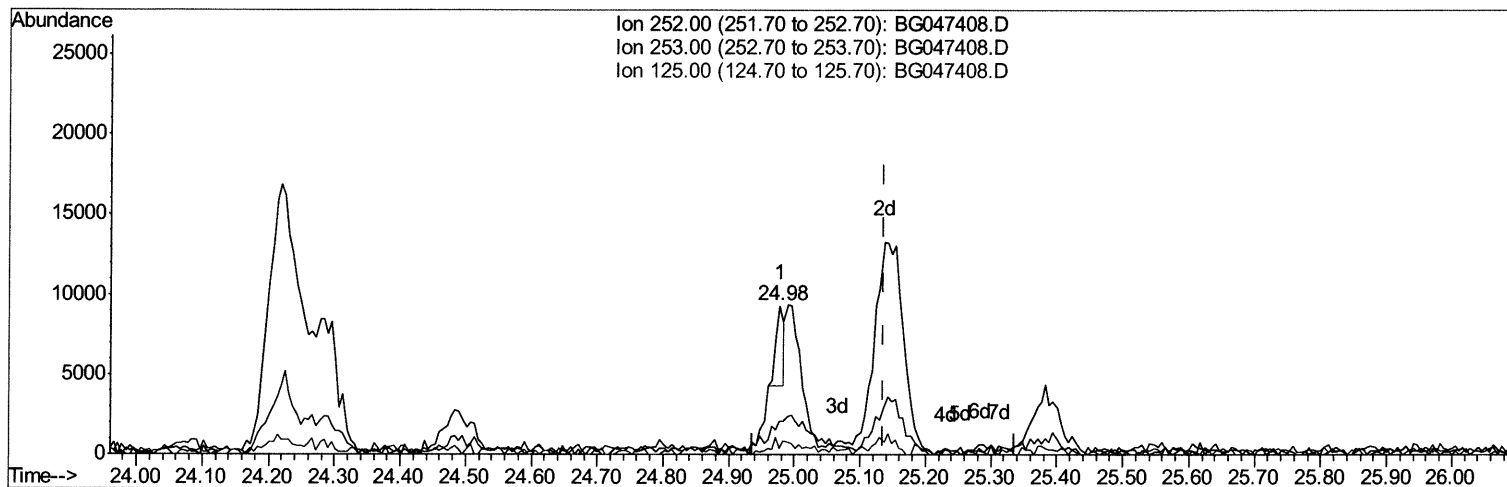
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:17:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



(91) Benzo(a)pyrene (C)

24.977min (-0.159) 0.31ng/ul

response 4351

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.48
125.00	3.90	4.29
0.00	0.00	0.00

Quantitation Report (Qedit)

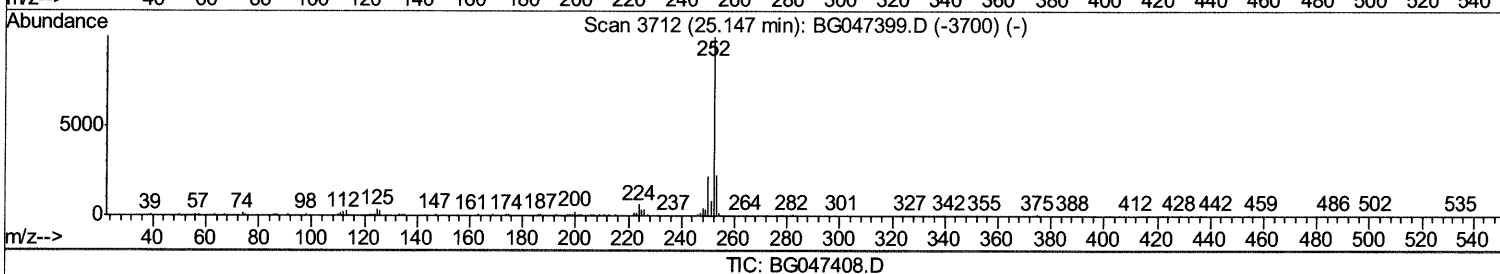
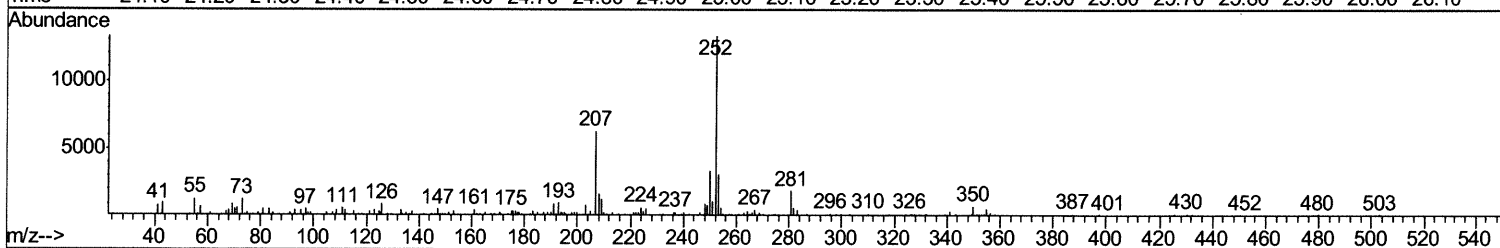
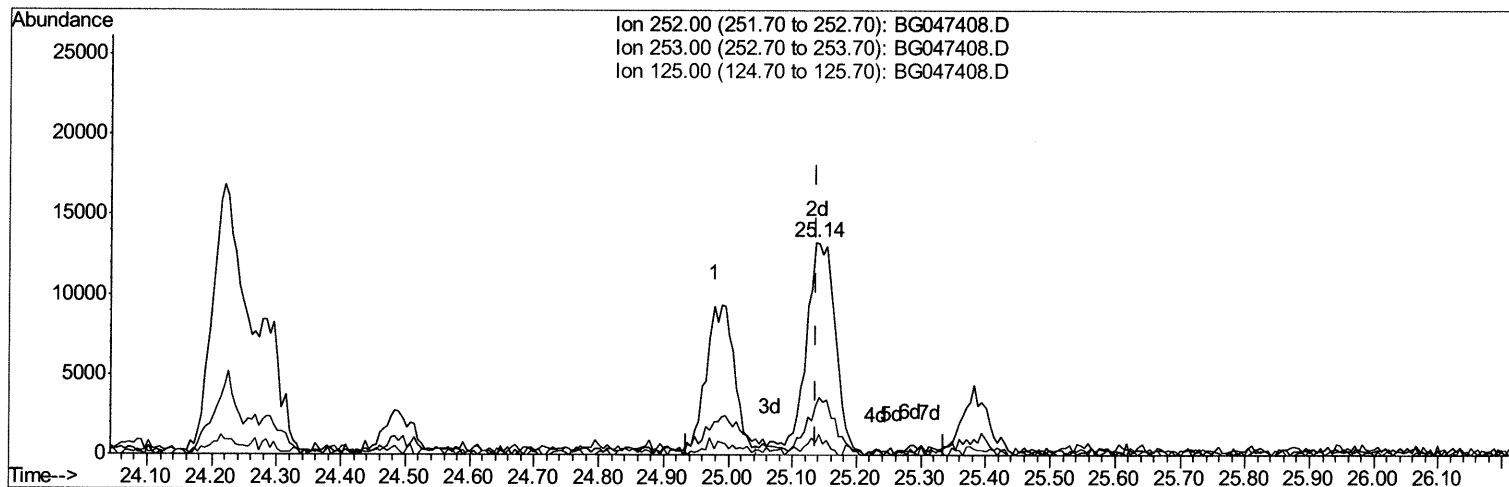
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:17:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047408.D

(91) Benzo(a)pyrene (C)

25.136min (-0.000) 3.09ng/ul m 11/30/20 JU

response 42893

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.34
125.00	3.90	3.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

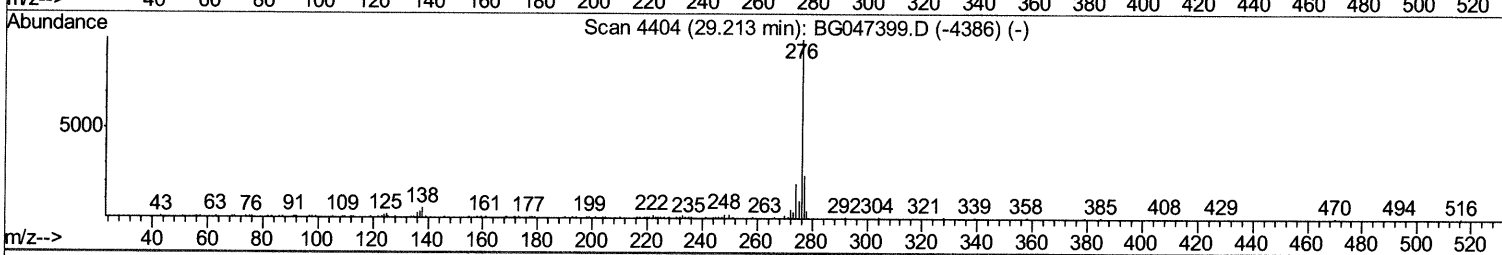
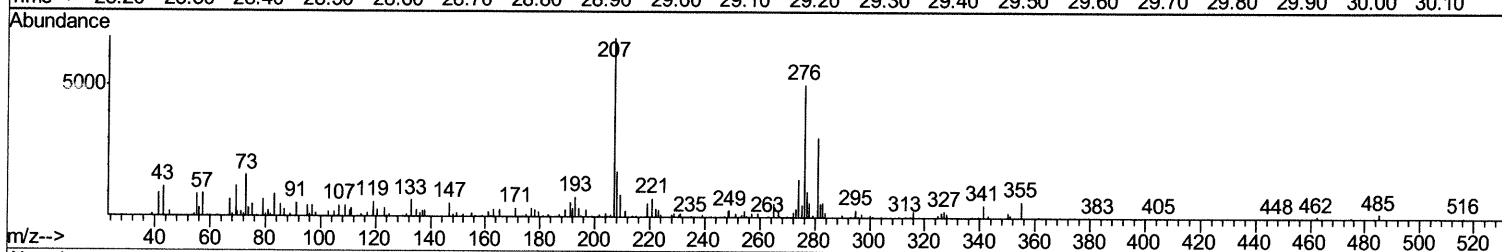
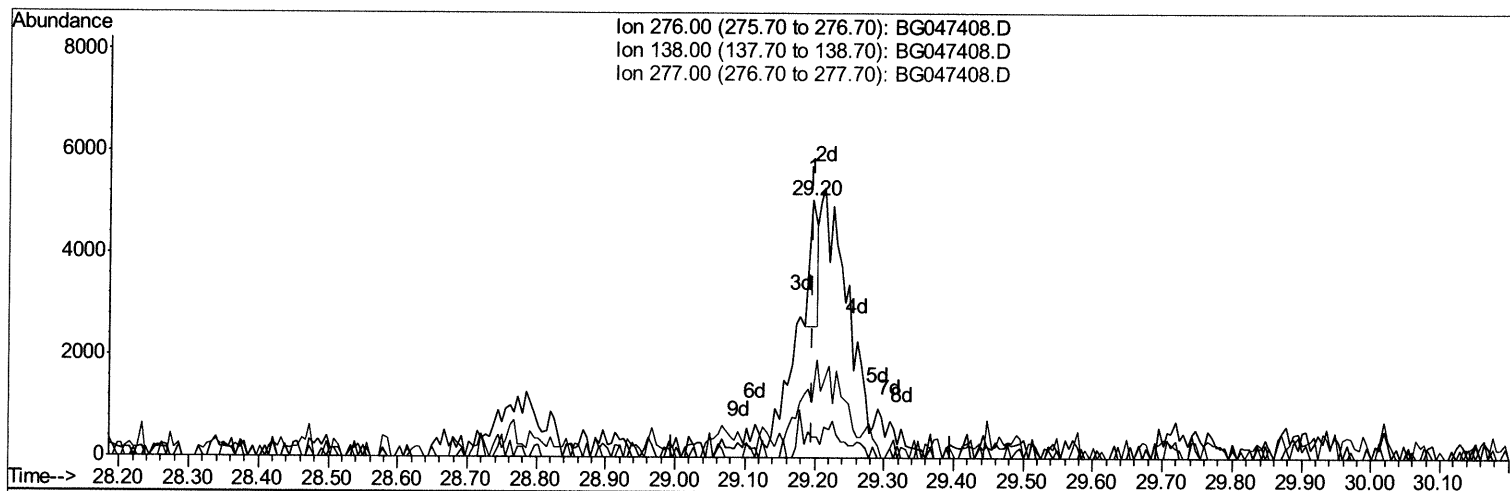
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:19:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047408.D

(92) Indeno(1,2,3-cd)pyrene

29.196min (-0.000) 0.12ng/ul

response 1993

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	7.90
277.00	24.90	21.55
0.00	0.00	0.00

Quantitation Report (Qedit)

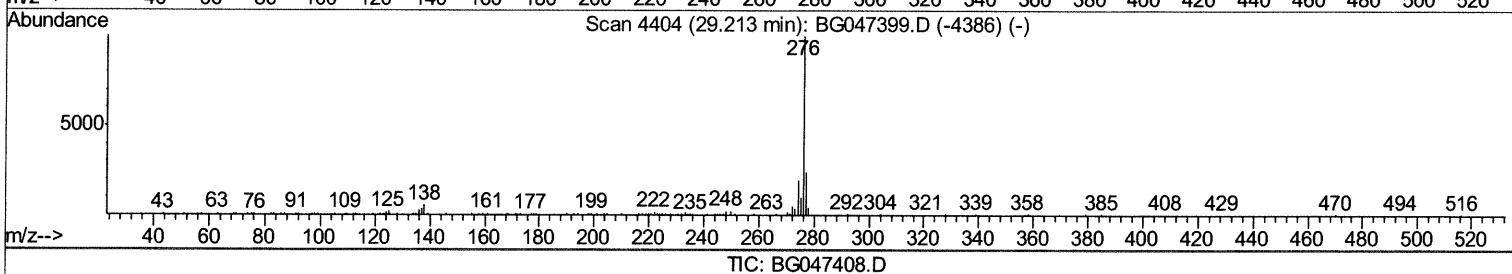
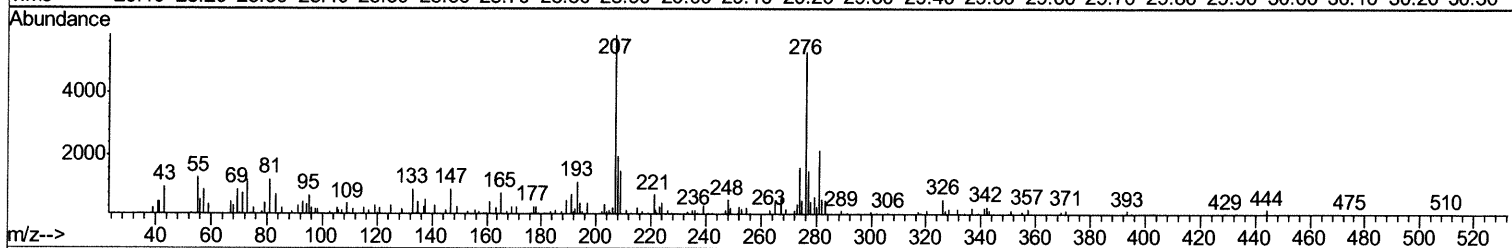
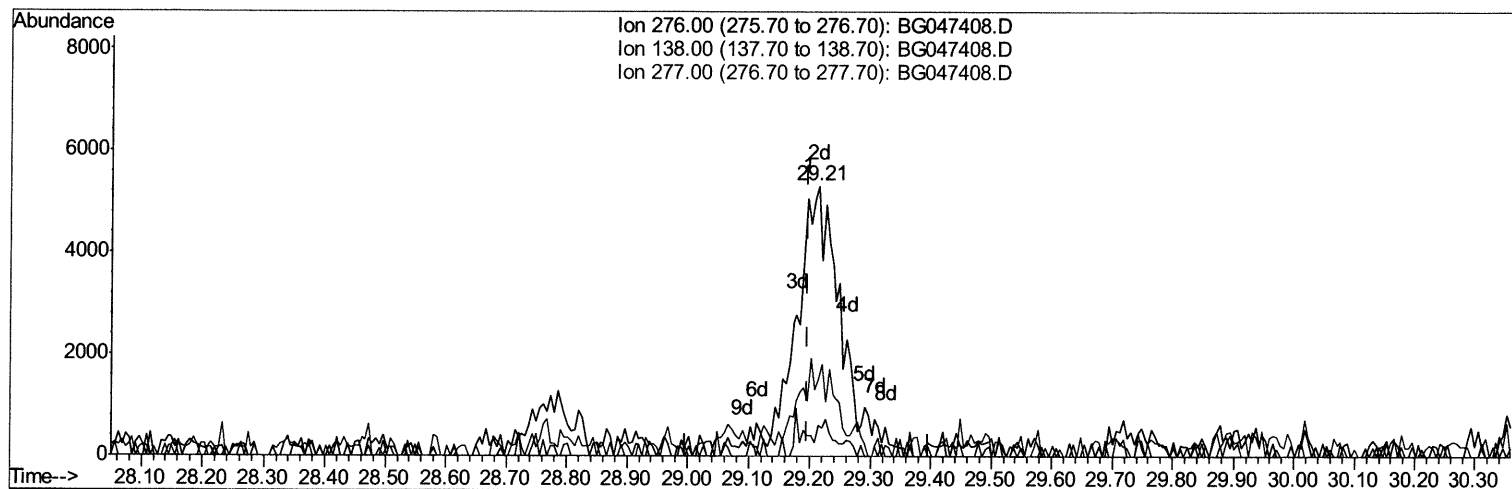
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:19:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

29.214min (+0.017) 1.65ng/ul m 11/30/20 50

response 27973

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	11.38#
277.00	24.90	28.46
0.00	0.00	0.00

Quantitation Report (Qedit)

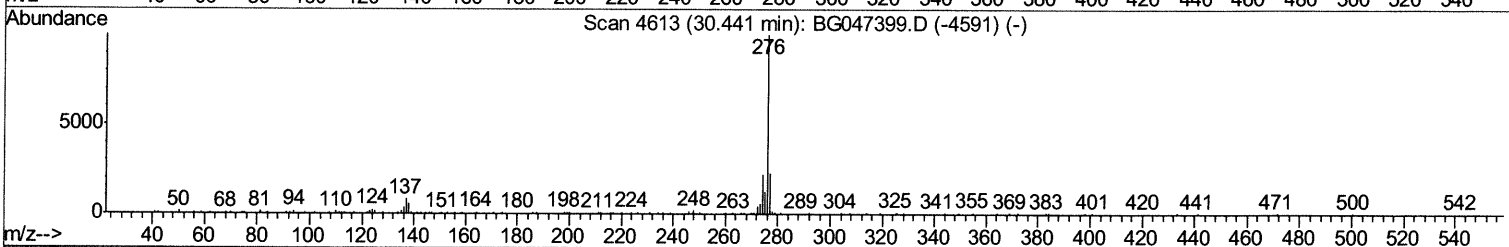
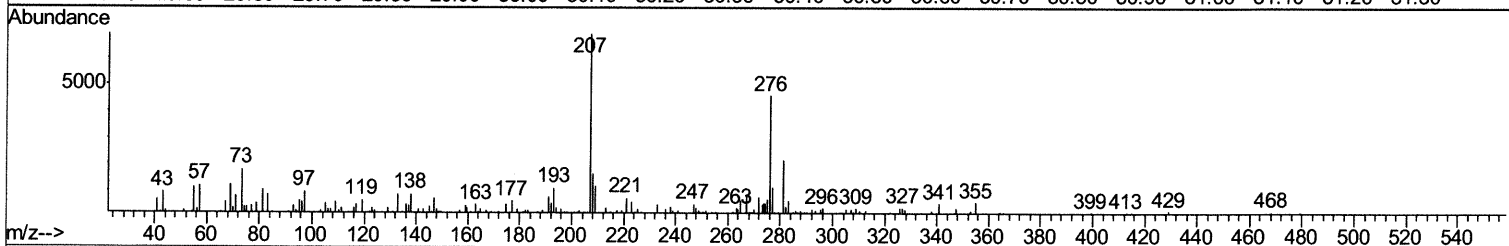
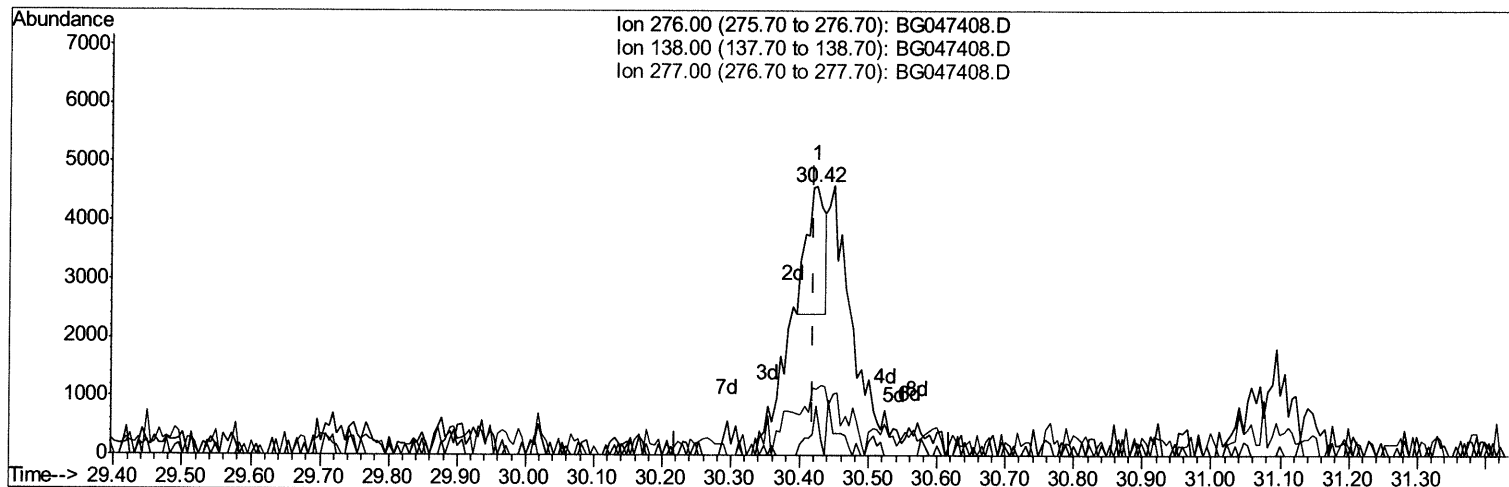
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:19:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047408.D

(94) Benzo(g,h,i)perylene

30.424min (+0.005) 0.29ng/ul

response 4065

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	18.49#
277.00	21.90	24.75
0.00	0.00	0.00

Quantitation Report (Qedit)

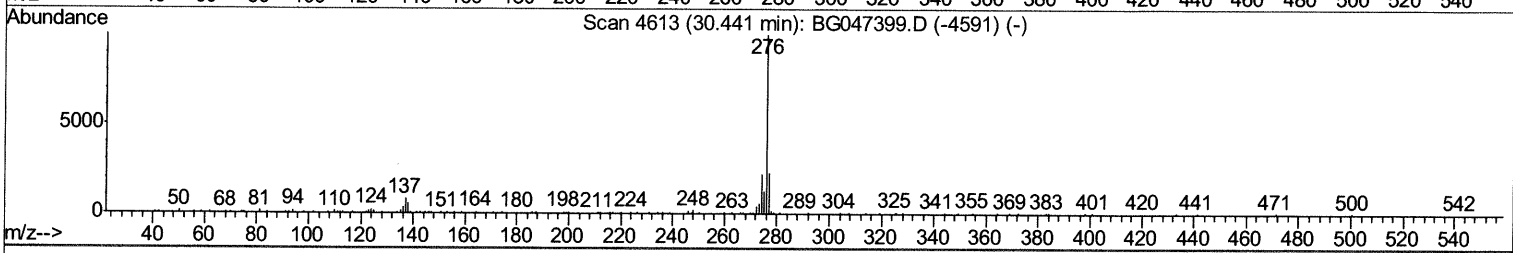
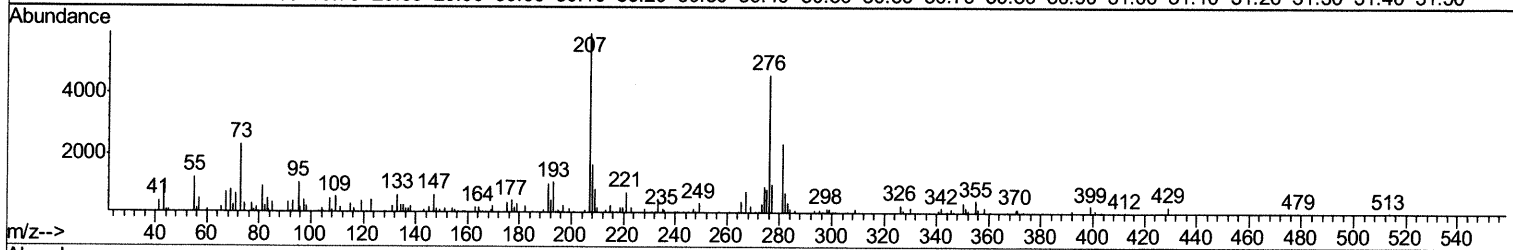
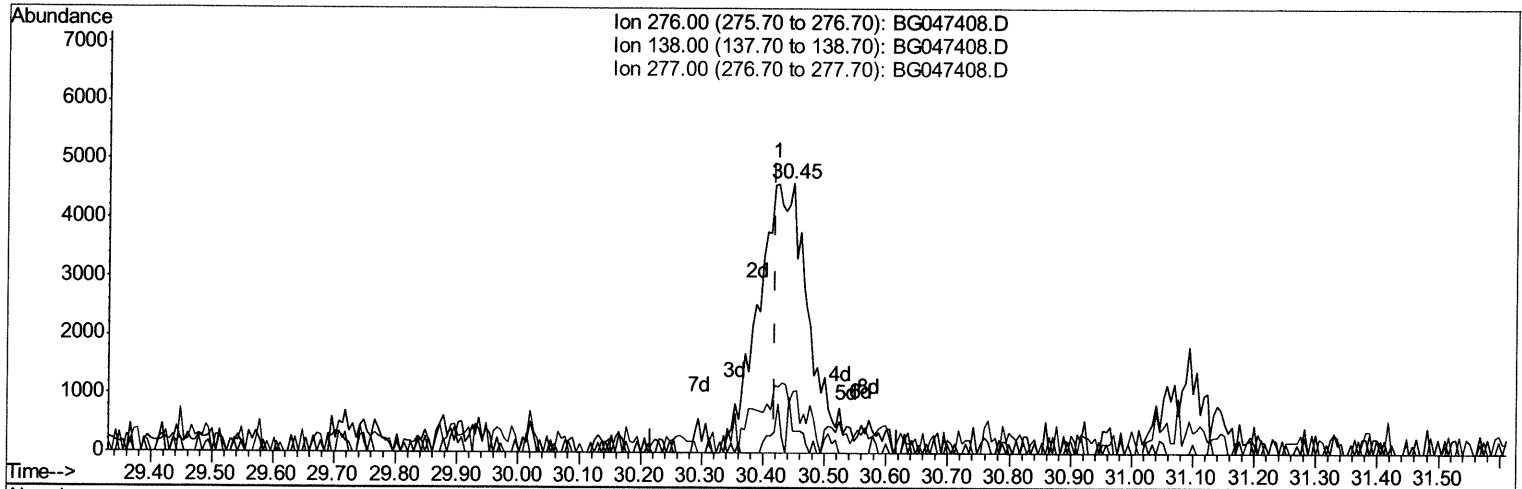
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW9

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:19:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047408.D

(94) Benzo(g,h,i)perylene

30.447min (+0.029) 1.96ng/ul m 11/30/2020

response 27410

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	8.01#
277.00	21.90	22.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047408.D
 Acq On : 21 Nov 2020 23:52
 Operator : CG/JU
 Sample : L4711-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW9

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:08 AM

Quant Time: Nov 23 06:20:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	40227	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	153419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	113512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	254551m>	20.00	ng/ul>	0.00 11/30/20 JU
78) Chrysene-d12	21.90	240	212470	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	220818	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	3030	2.74	ng/uL	0.00
5) Phenol-d5	7.41	99	94526	23.43	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.59	67	50344	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	69071	25.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	74843	24.14	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34067	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	41539	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	87685	27.70	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	96275	30.07	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	280556	28.79	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	334281	29.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	37809	25.43	ng/ul	0.02
58) Fluorene-d10	15.87	176	256859	28.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	26302m>	18.15	ng/ul>	0.00 11/30/20 JU
71) Anthracene-d10	17.72	188	391425	31.00	ng/ul	0.00
79) Pyrene-d10	19.98	212	415706	33.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	404866	31.85	ng/ul	0.02
Target Compounds						
45) Dimethylphthalate	14.33	163	95235	9.581	ng/ul#	94
70) Phenanthrene	17.66	178	42310	3.078	ng/ul	98
77) Fluoranthene	19.65	202	110053m>	6.339	ng/ul>	11/30/20 JU
80) Pyrene	20.01	202	87003	5.781	ng/ul#	96
83) Benzo(a)anthracene	21.88	228	50510	3.341	ng/ul	94
85) Chrysene	21.95	228	42370	2.945	ng/ul	96
88) Benzo(b)fluoranthene	24.22	252	57819	3.709	ng/ul#	95
89) Benzo(k)fluoranthene	24.28	252	16976m	1.105	ng/ul	11/30/20 JU
91) Benzo(a)pyrene	25.14	252	42893m	3.086	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	27973m	1.655	ng/ul	
94) Benzo(g,h,i)perylene	30.45	276	27410m	1.965	ng/ul	

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