

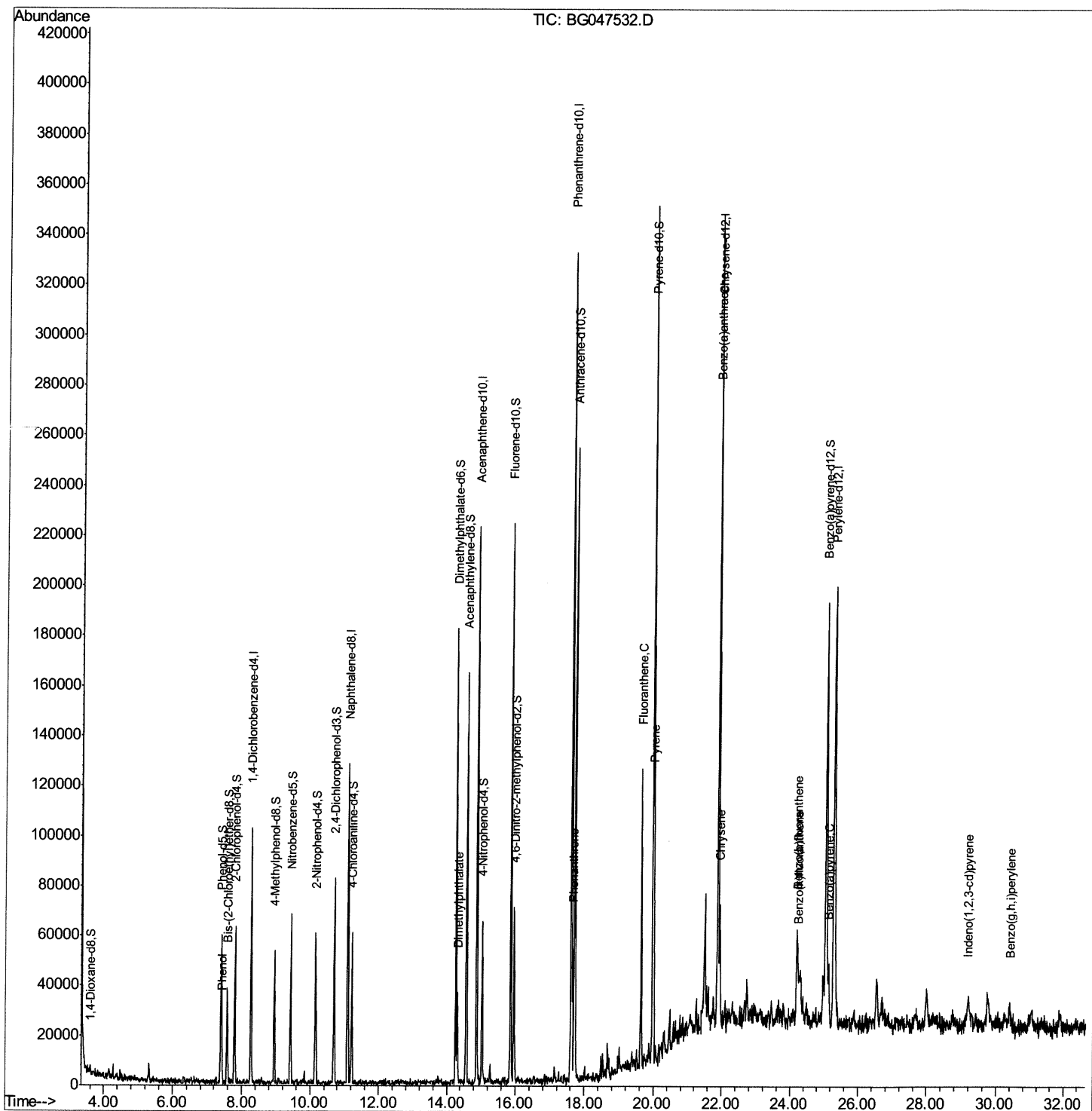
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:27:04 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)

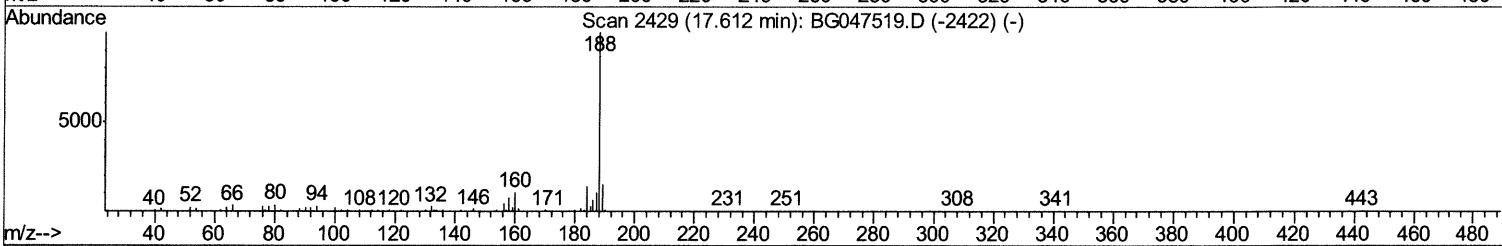
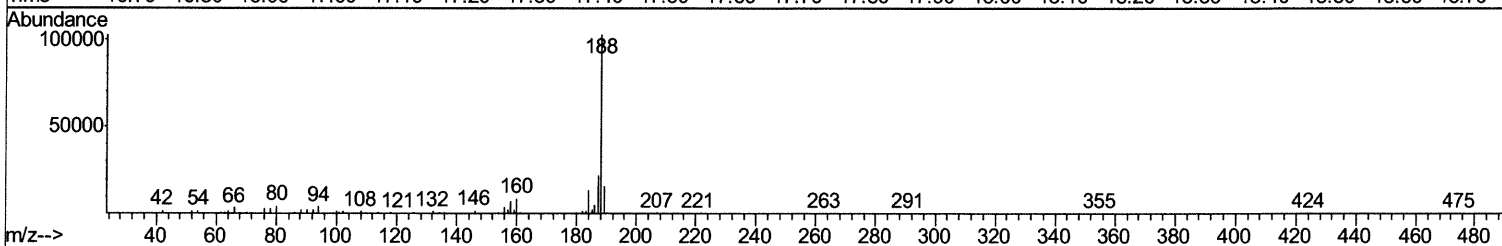
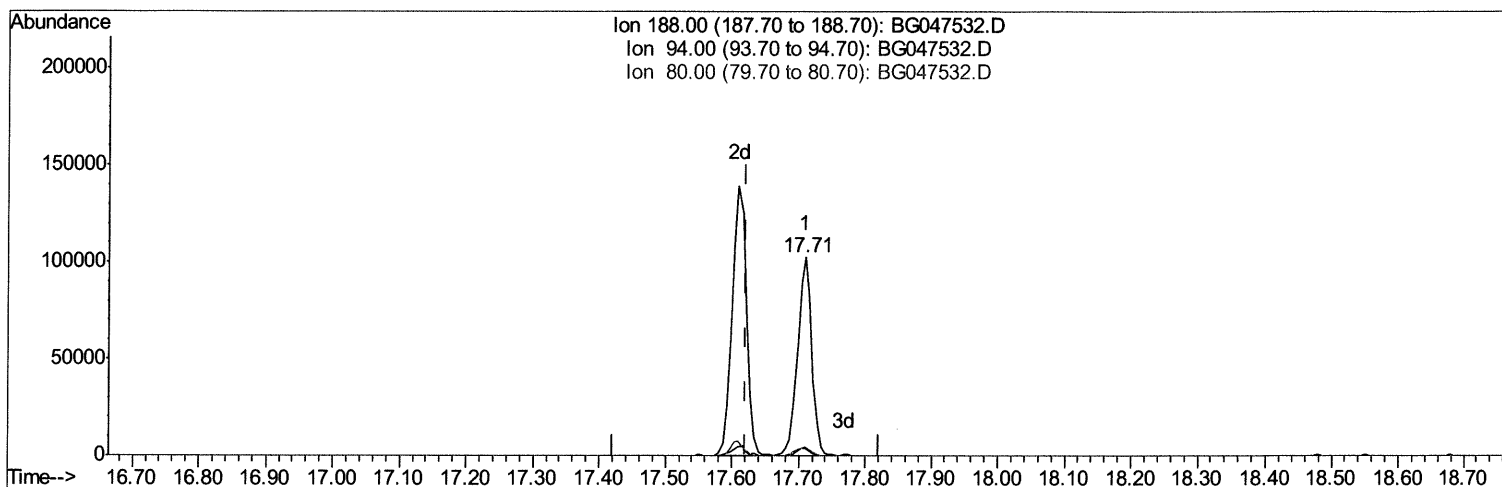
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:21:25 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: BG047532.D

(62) Phenanthrene-d10 (I)

17.710min (+0.089) 20.00ng/ul

response 151500

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.96
80.00	5.30	4.56
0.00	0.00	0.00

Quantitation Report (Qedit)

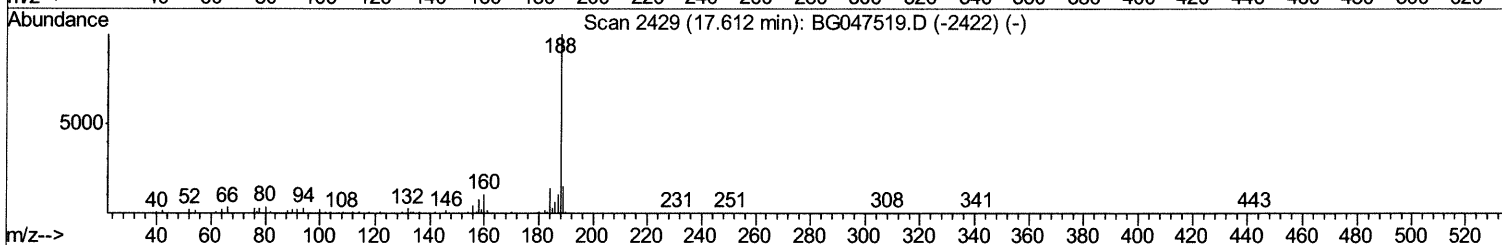
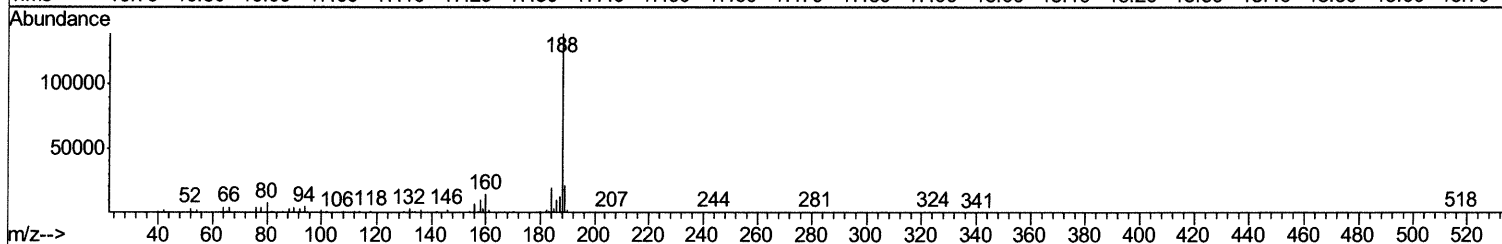
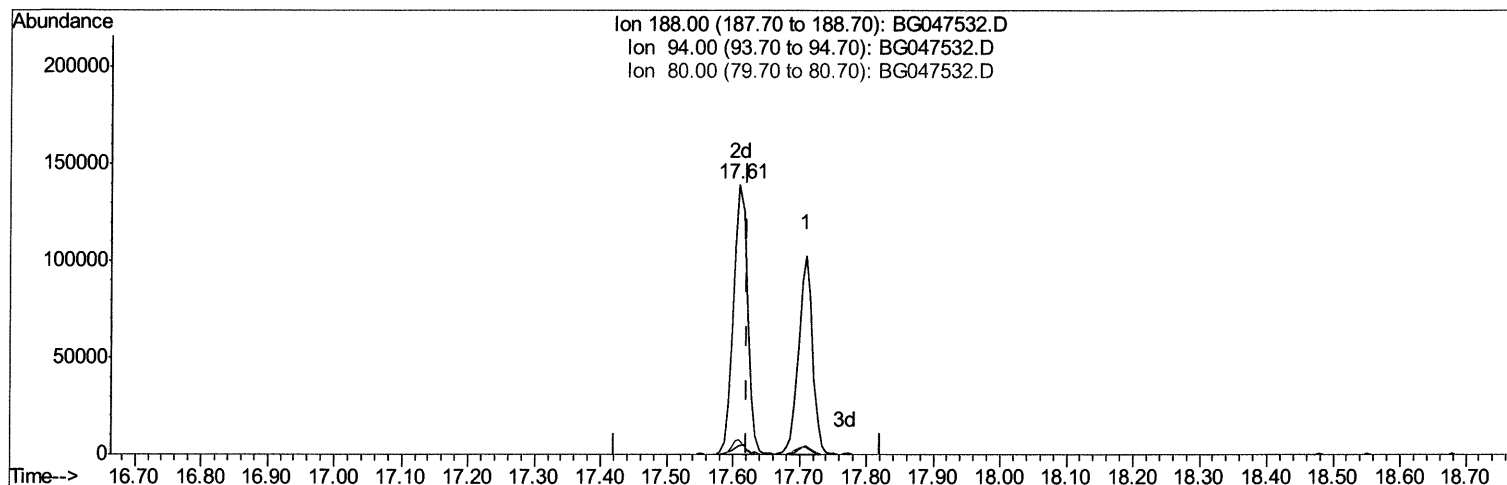
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
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Quant Time: Dec 02 16:21:25 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: BG047532.D

(62) Phenanthrene-d10 (I)

17.610min (-0.010) 20.00ng/ul m 12/04/20 JU

response 205089

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.34#
80.00	5.30	5.58
0.00	0.00	0.00

Quantitation Report (Qedit)

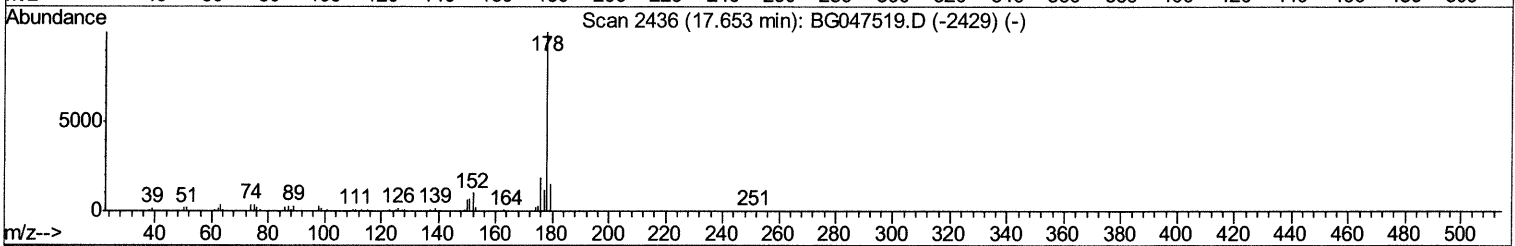
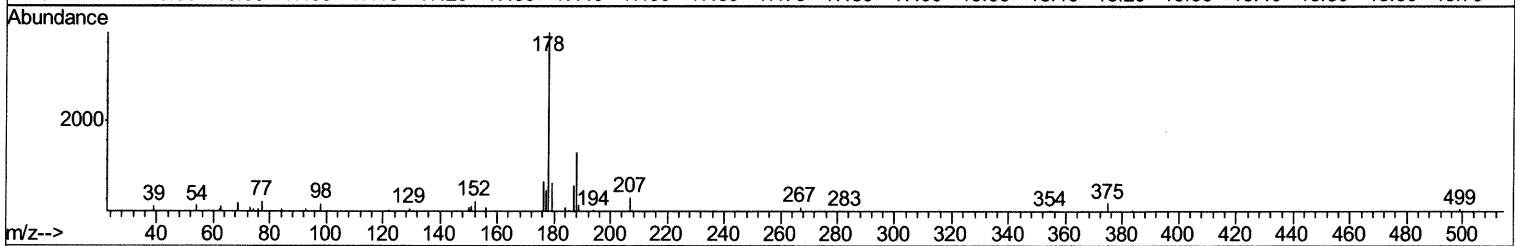
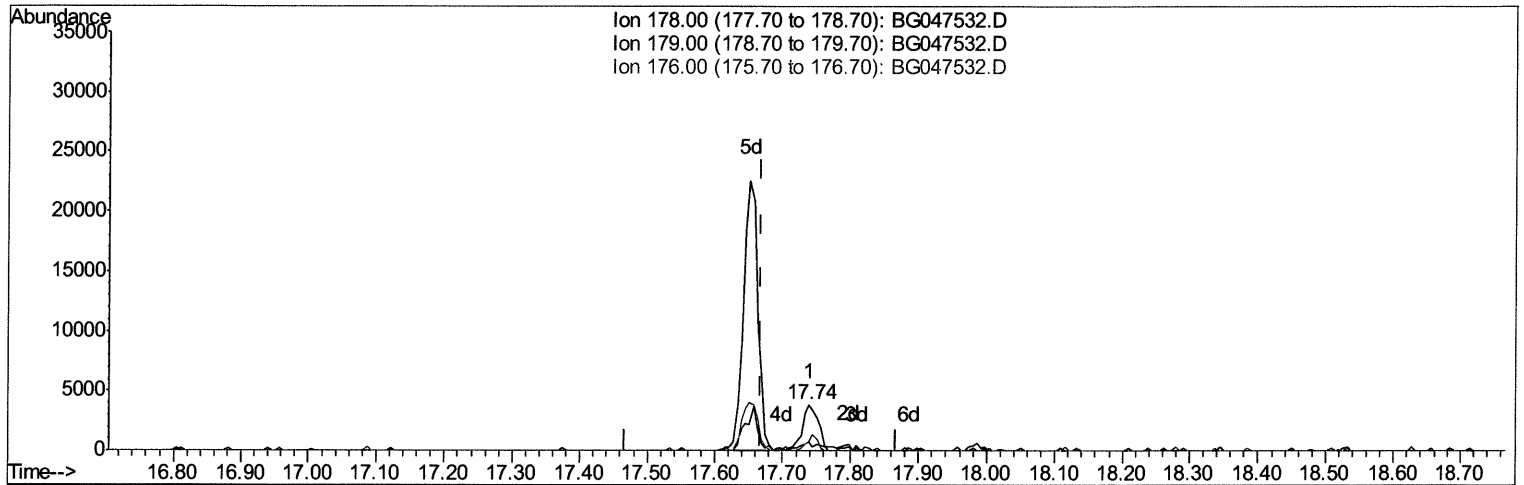
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047532.D
 Acq On : 2 Dec 2020 15:23
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B92

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(70) Phenanthrene

17.739min (+0.072) 0.56ng/ul

response 6251

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	19.23#
176.00	17.40	20.02
0.00	0.00	0.00

Quantitation Report (Qedit)

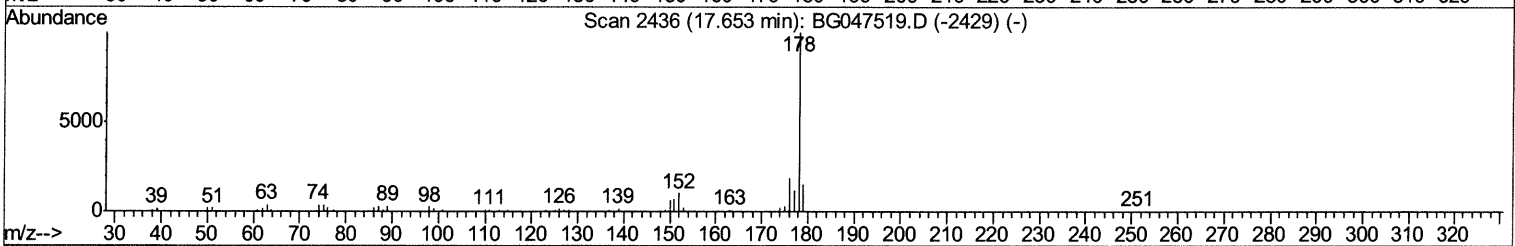
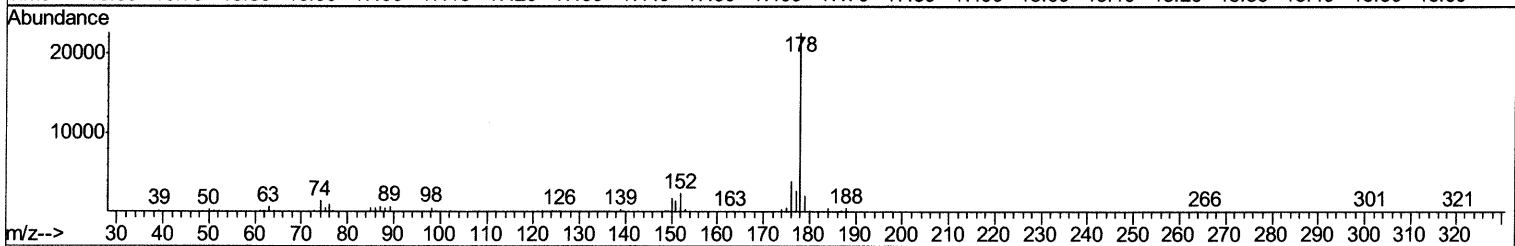
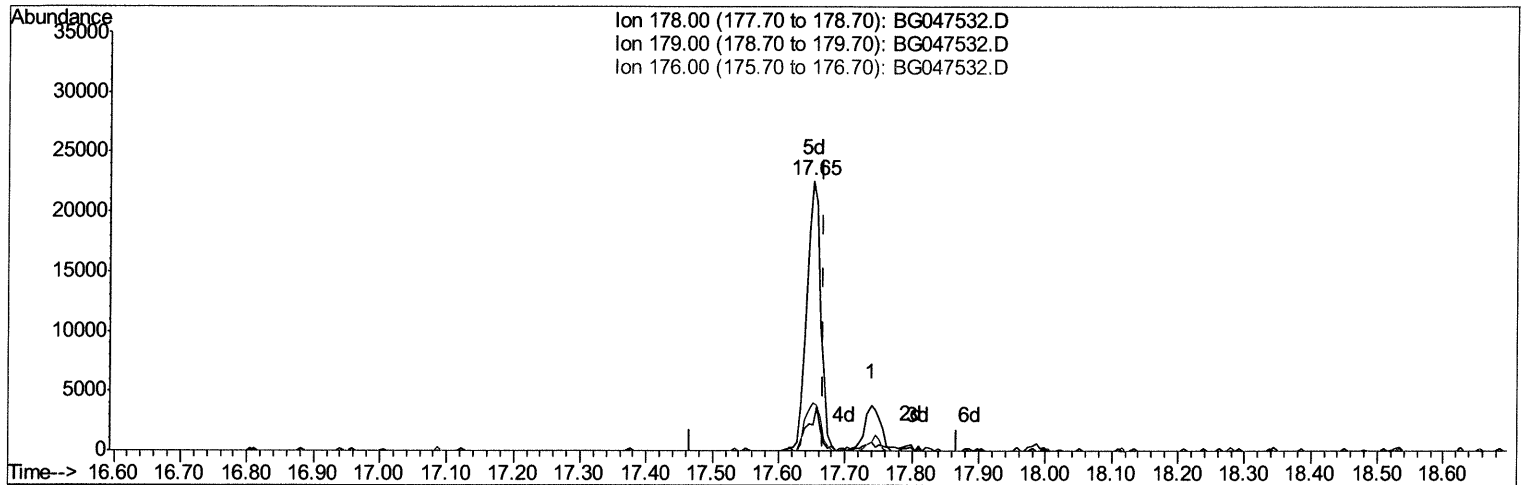
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(70) Phenanthrene

17.651min (-0.016) 3.03ng/ul m 12/04/20 JU

response 33559

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	9.40#
176.00	17.40	17.62
0.00	0.00	0.00

Quantitation Report (Qedit)

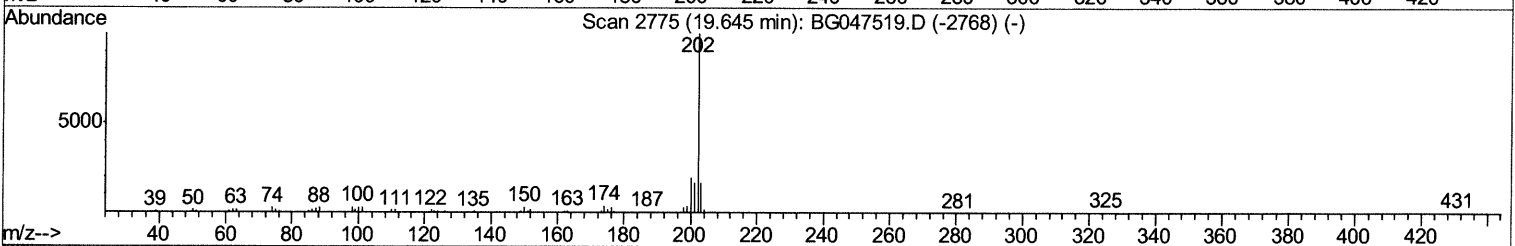
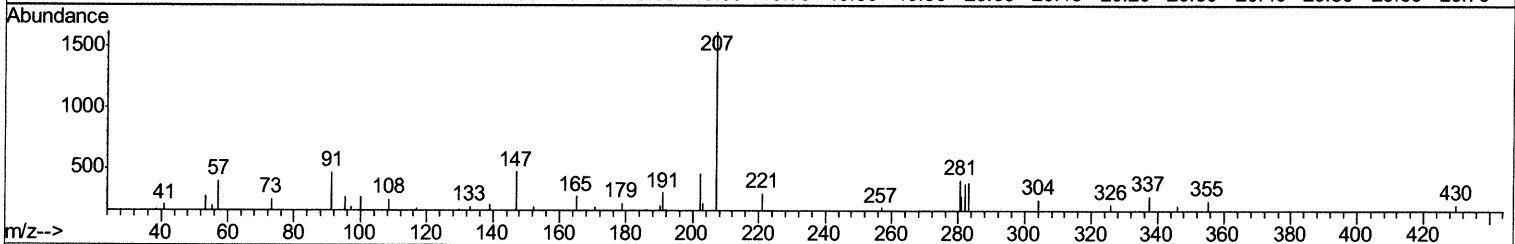
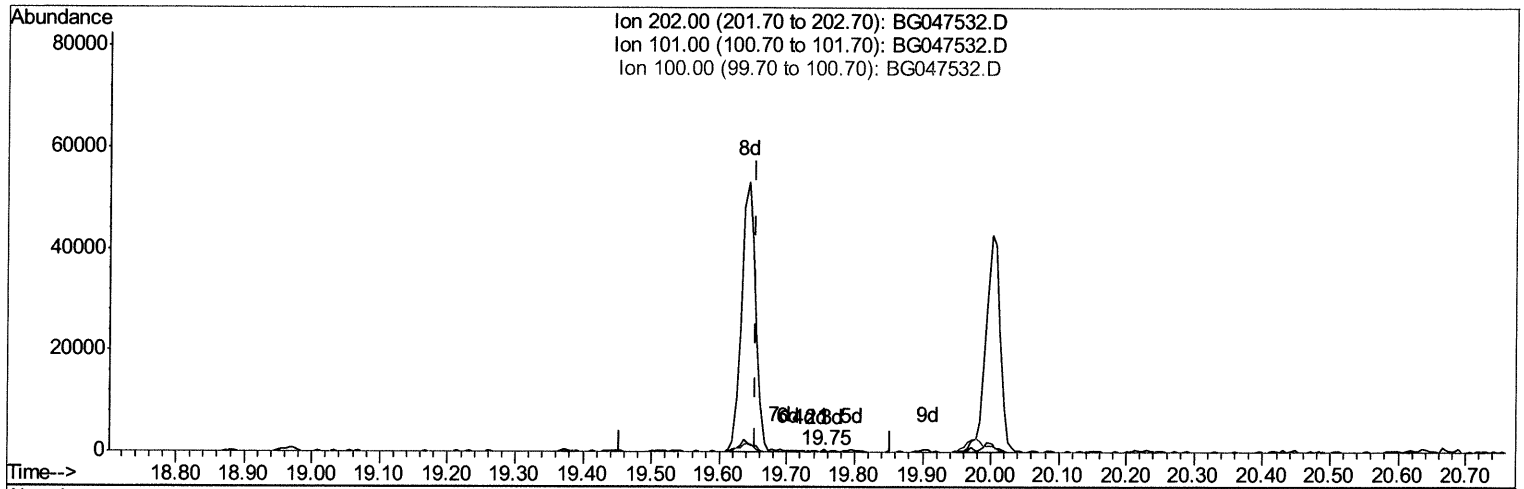
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047532.D
 Acq On : 2 Dec 2020 15:23
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B92

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(77) Fluoranthene (C)

19.754min (+0.101) 0.01ng/ul

response 161

Ion	Exp%	Act%
202.00	100	100
101.00	3.80	0.00#
100.00	3.80	57.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

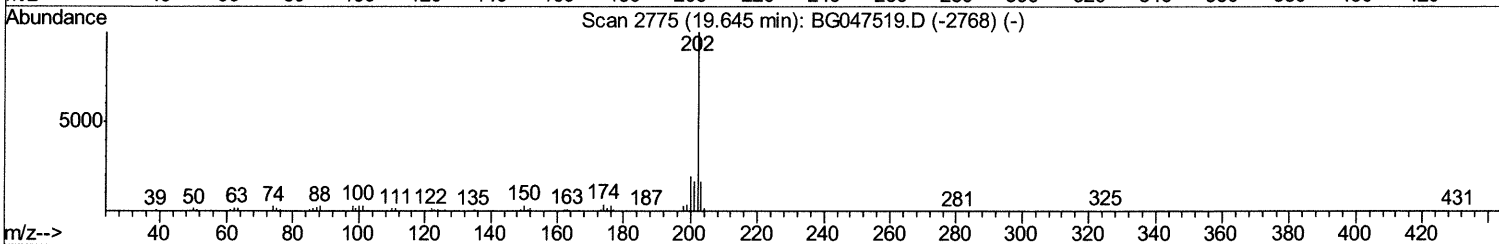
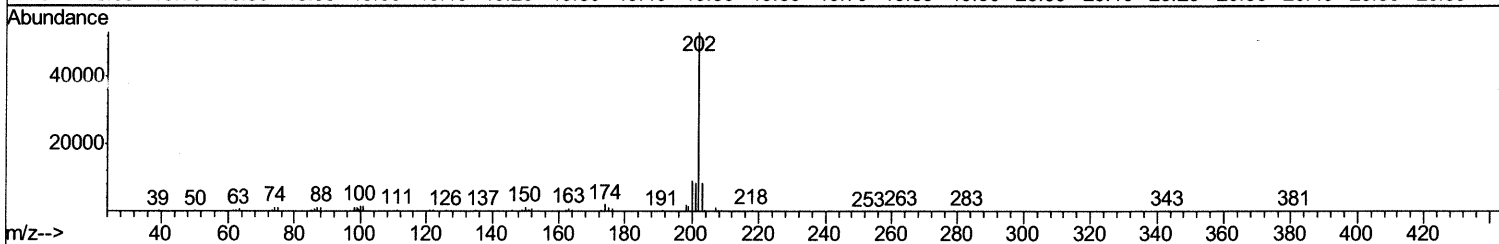
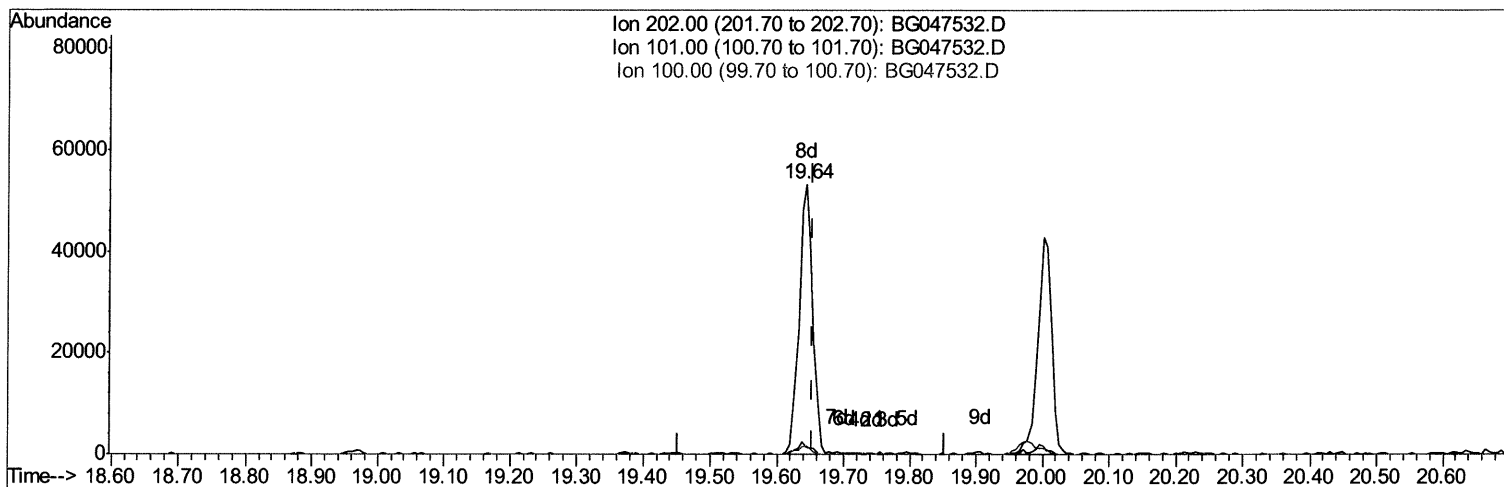
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(77) Fluoranthene (C)

19.643min (-0.010) 5.44ng/ul m 12/04/2024

response 76026

Ion	Exp%	Act%
202.00	100	100
101.00	3.80	2.83#
100.00	3.80	3.27
0.00	0.00	0.00

Quantitation Report (Qedit)

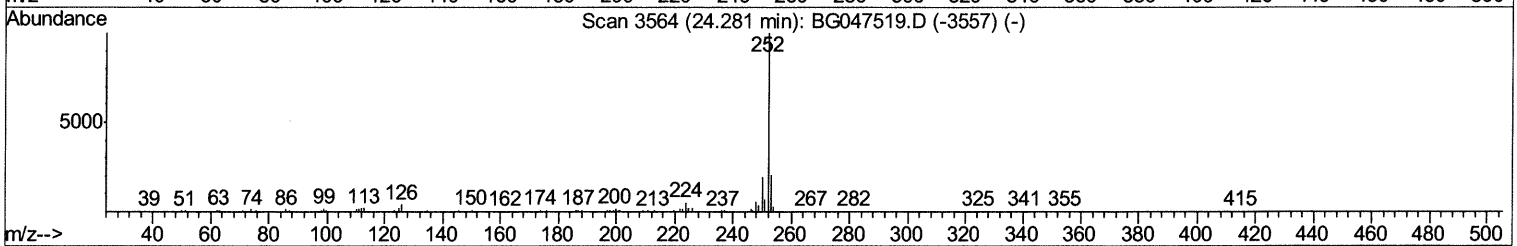
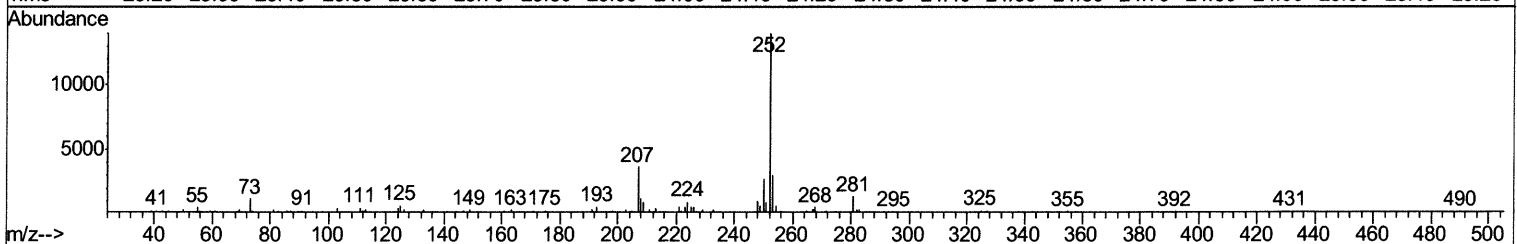
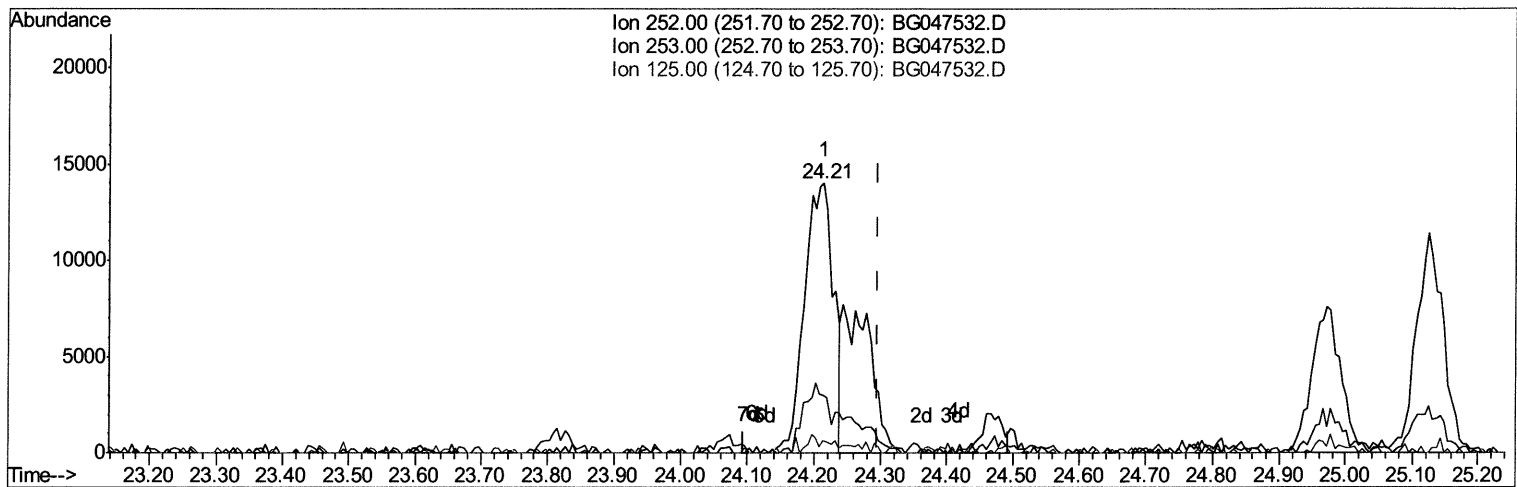
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(89) Benzo(k)fluoranthene

24.214min (-0.081) 2.94ng/ul

response 42663

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	21.26
125.00	2.70	4.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

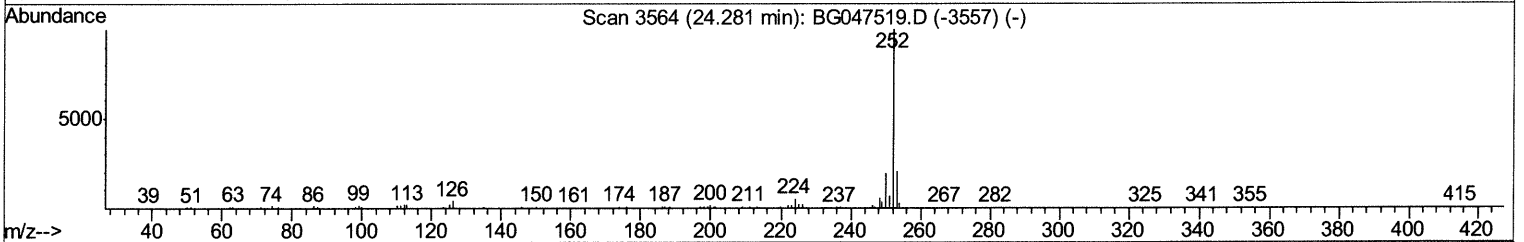
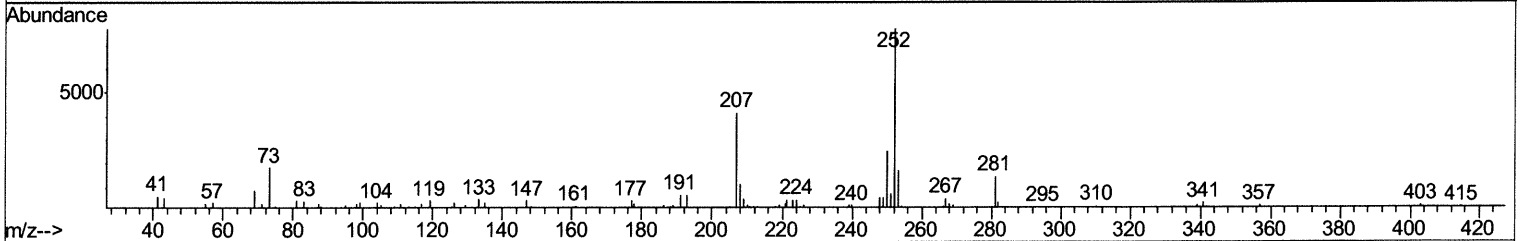
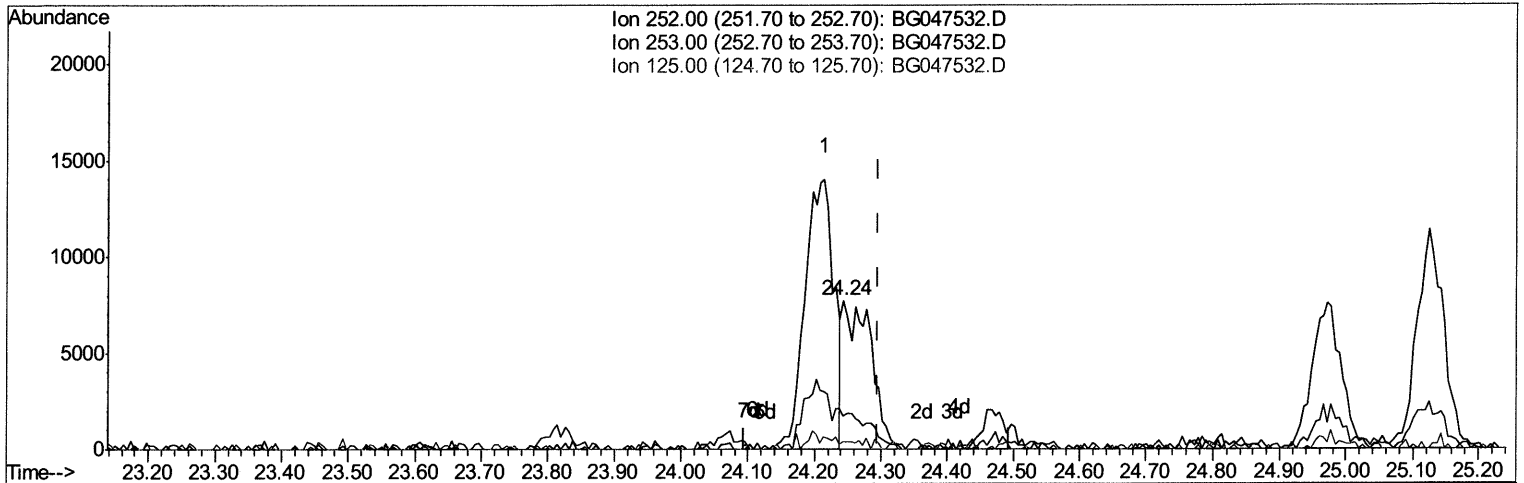
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(89) Benzo(k)fluoranthene

24.243min (-0.052) 1.56ng/ul m 12/04/20 JU

response 22689

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	21.99
125.00	2.70	2.57
0.00	0.00	0.00

Quantitation Report (Qedit)

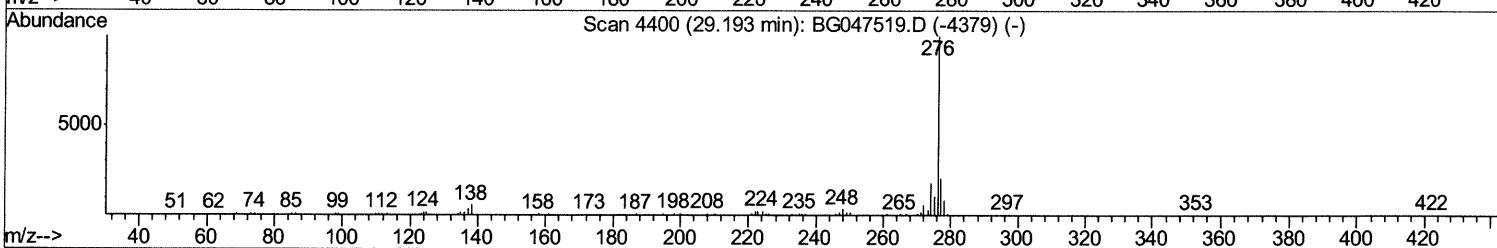
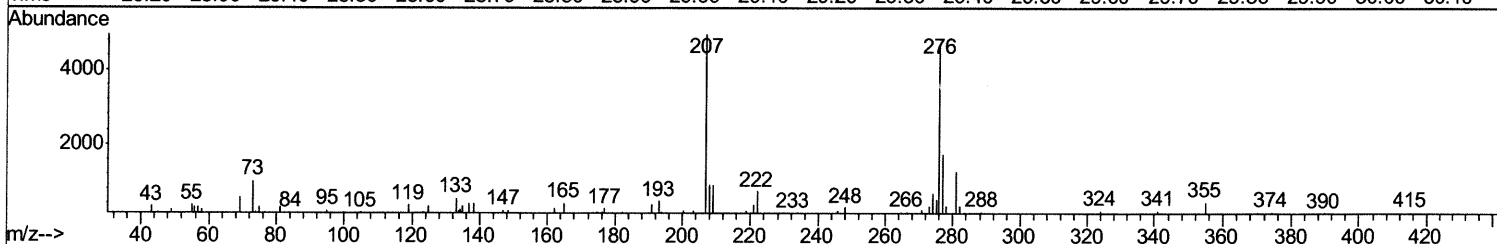
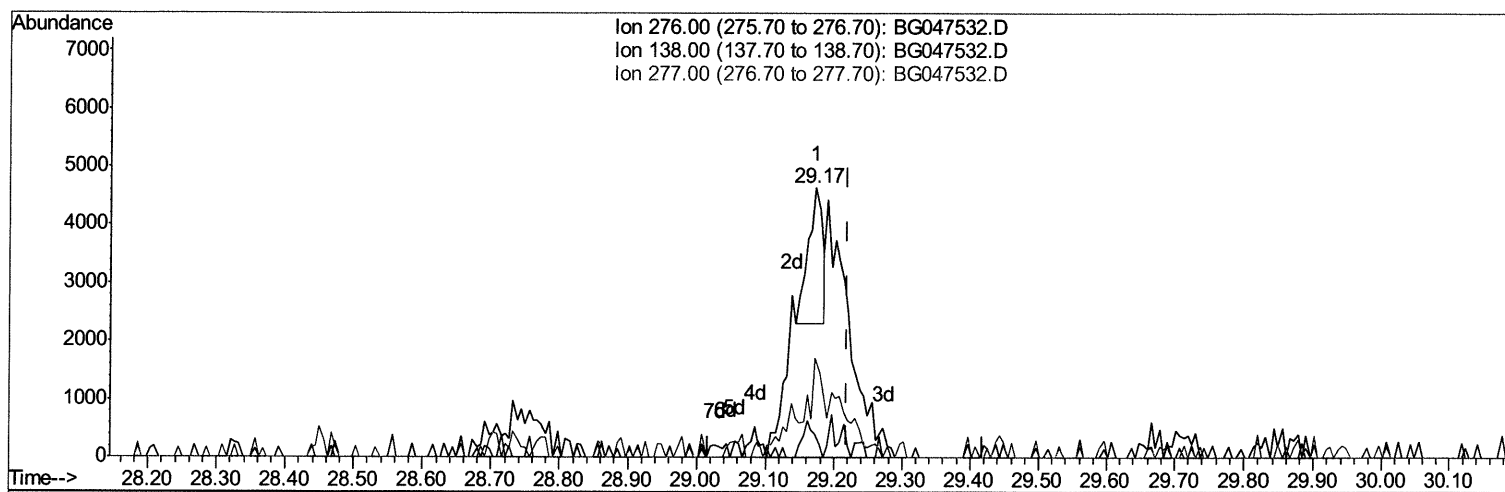
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC: BG047532.D

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

29.173min (-0.046) 0.22ng/ul

response 3495

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	8.64#
277.00	20.60	36.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

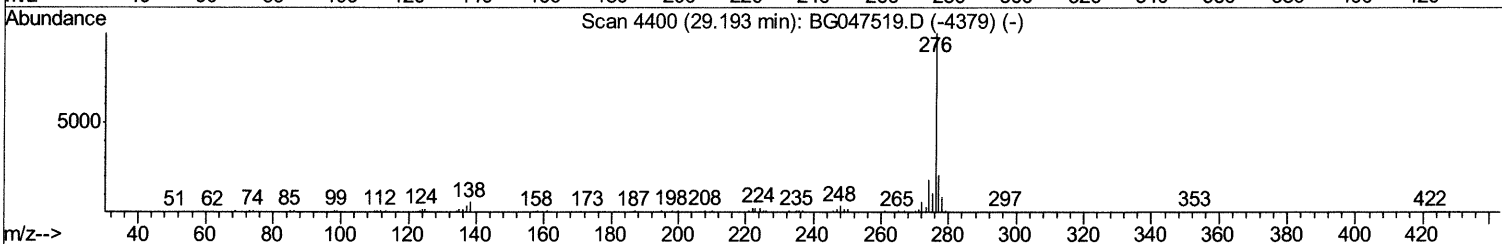
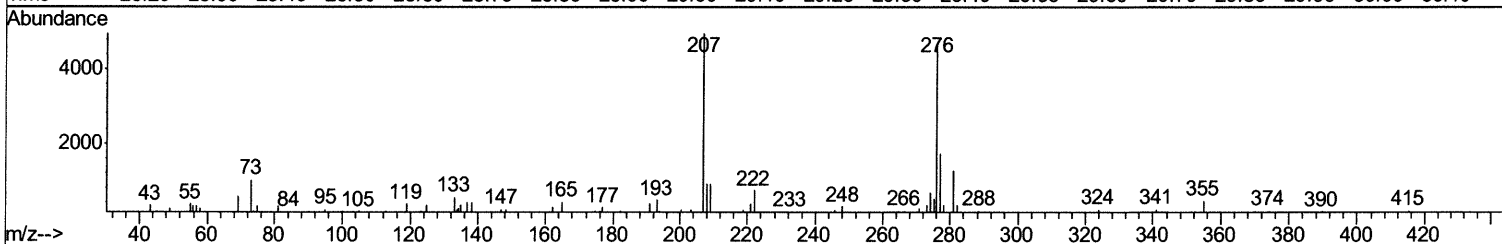
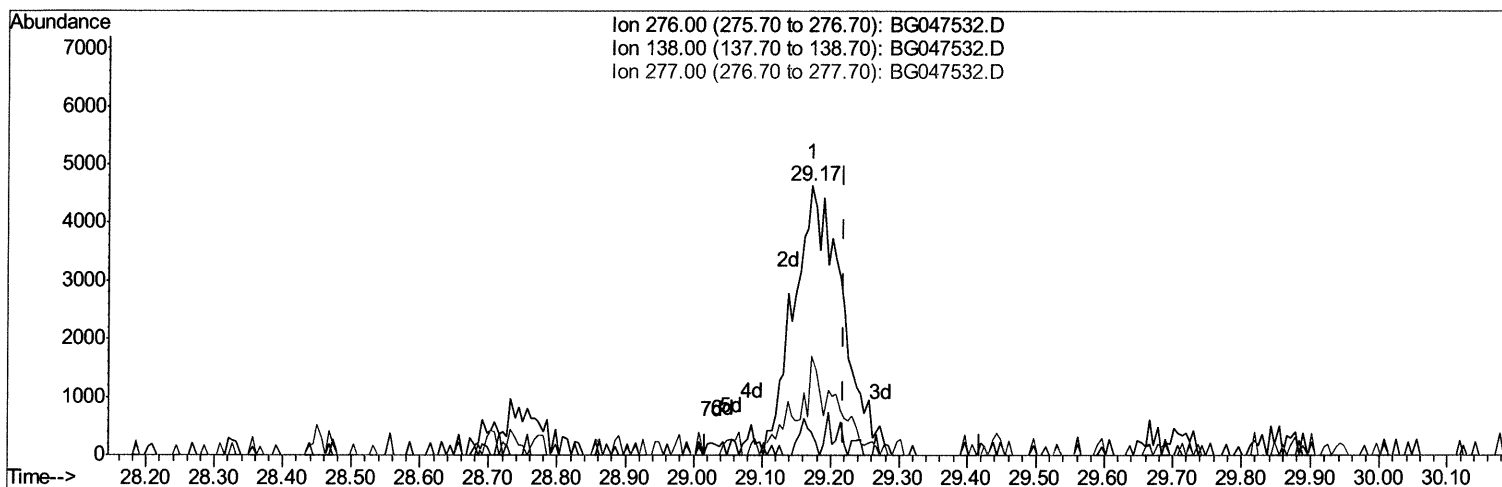
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B92

Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

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

29.173min (-0.046) 1.42ng/ul m 12/04/2020

response 22653

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	8.64#
277.00	20.60	36.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

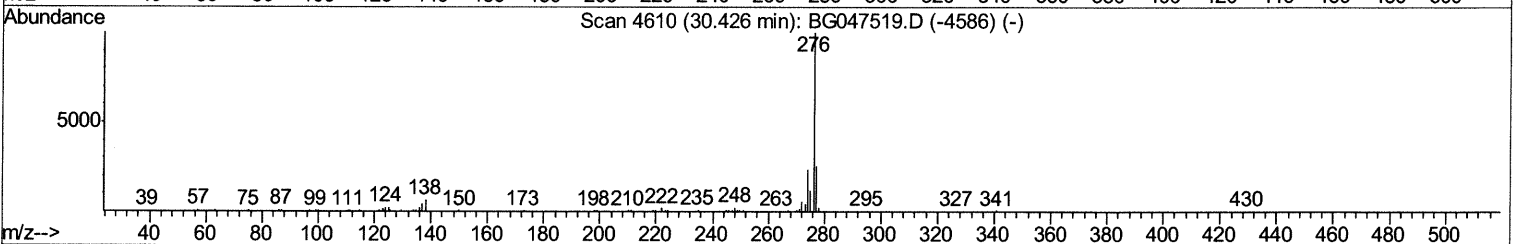
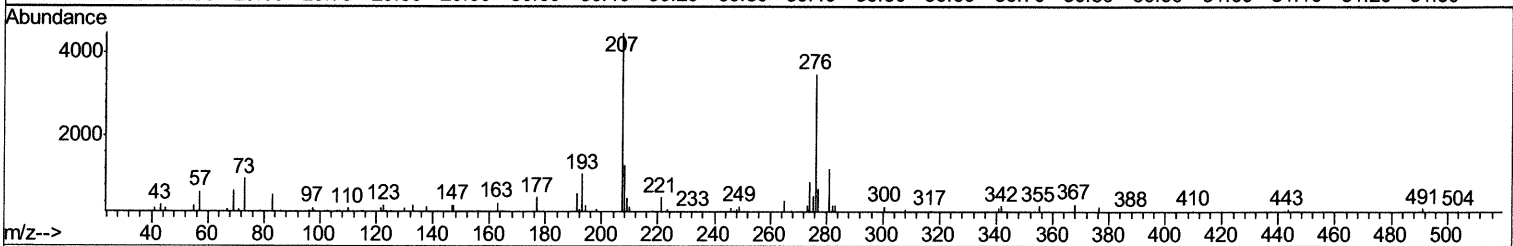
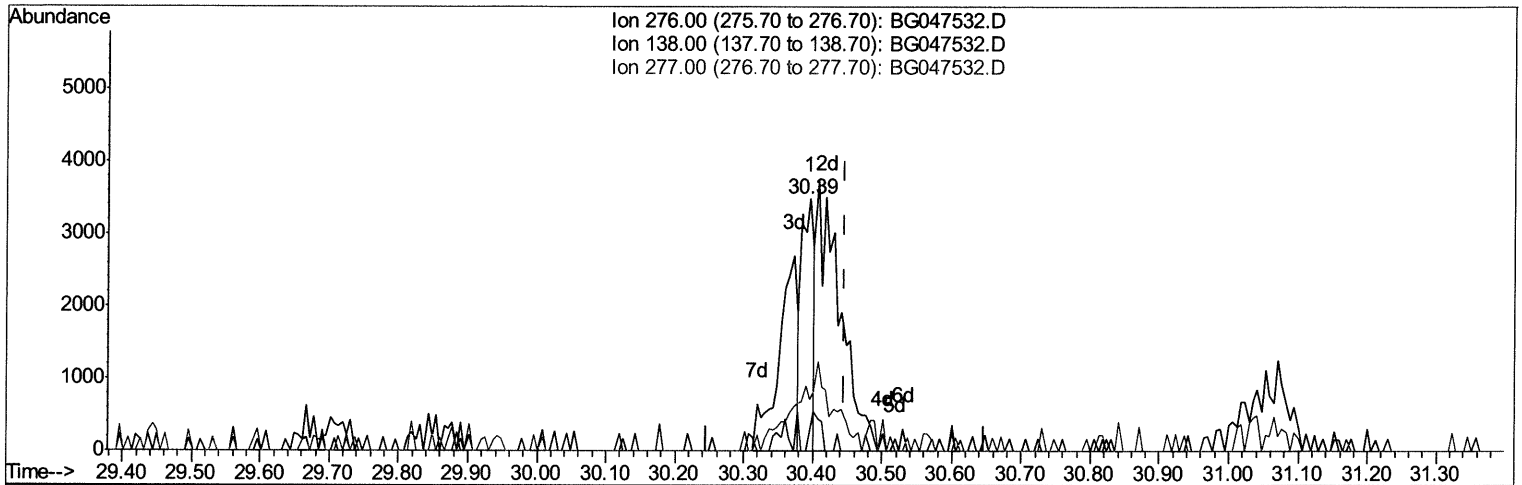
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047532.D
 Acq On : 2 Dec 2020 15:23
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0B92

Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

(94) Benzo(g,h,i)perylene
 30.395min (-0.052) 0.33ng/ul
 response 4402

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	7.63
277.00	21.80	20.53
0.00	0.00	0.00

Quantitation Report (Qedit)

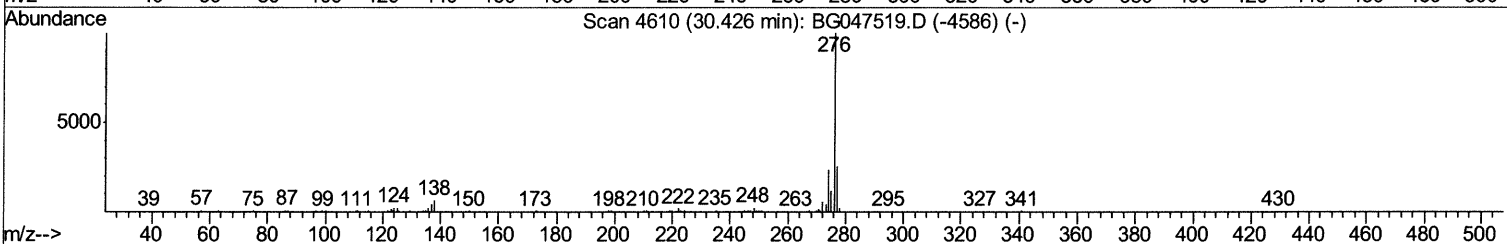
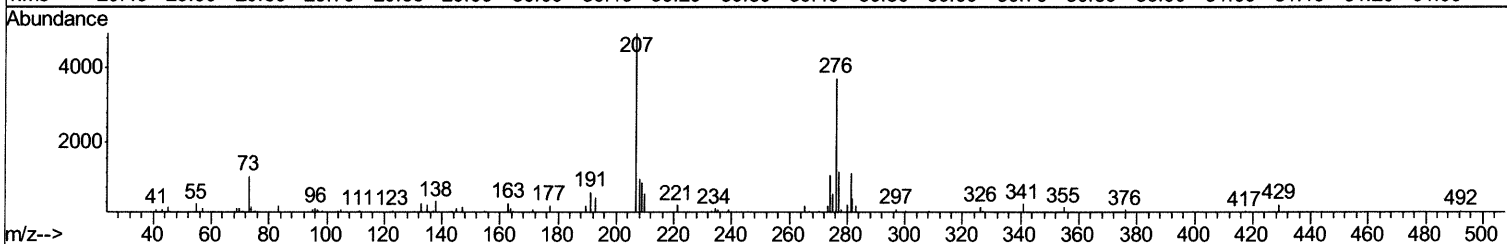
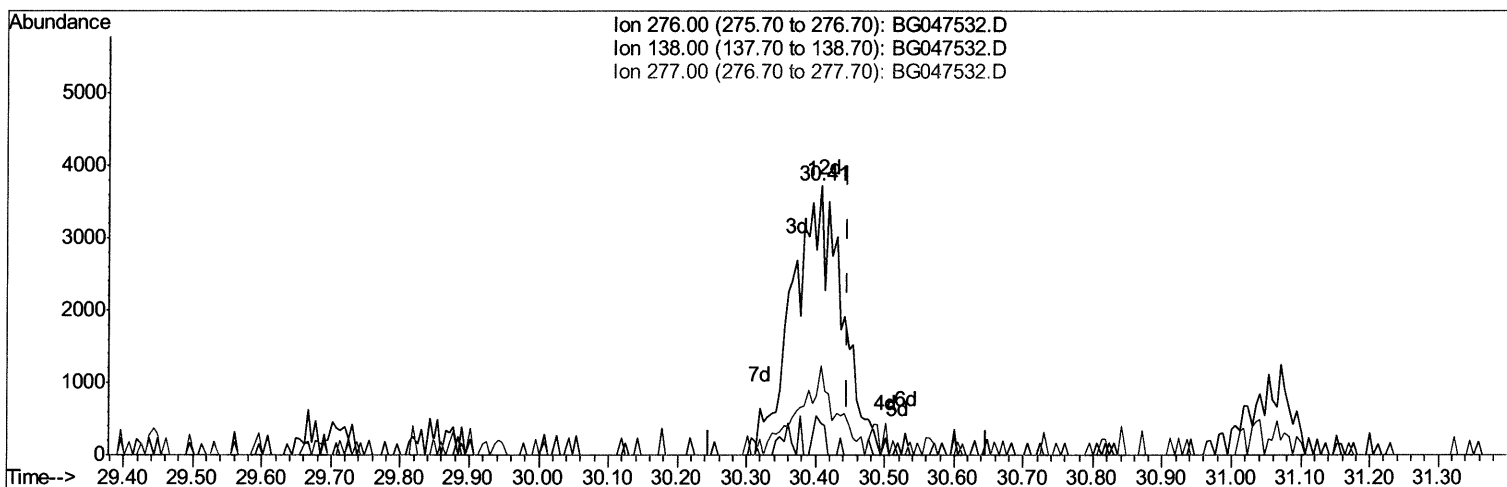
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
Data File : BG047532.D
Acq On : 2 Dec 2020 15:23
Operator : CG/JU
Sample : L4865-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:23:39 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: BG047532.D

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

30.407min (-0.040) 1.39ng/ul m 12/04/20 J4

response 18300

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	11.64#
277.00	21.80	33.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047532.D
 Acq On : 2 Dec 2020 15:23
 Operator : CG/JU
 Sample : L4865-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/3/2020 3:35:11 PM

Quant Time: Dec 02 16:27:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	24252	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.09	136	97890	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	78895	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.61	188	205089m>	20.00	ng/ul>	-0.01
78) Chrysene-d12	21.89	240	198485	20.00	ng/ul	-0.01
86) Perylene-d12	25.29	264	208646	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1191	1.79	ng/uL	-0.01
5) Phenol-d5	7.39	99	27231	11.20	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	16914	12.19	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	23623	14.48	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	15787	8.45	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	12216	15.11	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	14136	16.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.69	165	27846	13.79	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	25003	12.24	ng/ul	-0.02
44) Dimethylphthalate-d6	14.27	166	99002	14.62	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	117151	14.97	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.04	143	11034	10.68	ng/ul	-0.01
58) Fluorene-d10	15.86	176	92184	14.86	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.96	200	16019	13.72	ng/ul	-0.02
71) Anthracene-d10	17.71	188	151113	14.85	ng/ul	-0.01
79) Pyrene-d10	19.97	212	185774	16.08	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.05	264	187970	15.65	ng/ul	-0.02

Target Compounds

					Ovalue	
6) Phenol	7.42	94	3140	1.348	ng/ul#	77
45) Dimethylphthalate	14.31	163	19345	2.800	ng/ul#	95
70) Phenanthrene	17.65	178	33559m}	3.030	ng/ul}	12/04/20 JU
77) Fluoranthene	19.64	202	76026m}	5.435	ng/ul}	
80) Pvrene	20.00	202	62355	4.435	ng/ul#	98
83) Benzo(a)anthracene	21.88	228	36483	2.583	ng/ul	92
85) Chrvsene	21.94	228	35130	2.614	ng/ul#	90
88) Benzo(b)fluoranthene	24.21	252	42663	2.896	ng/ul#	99
89) Benzo(k)fluoranthene	24.24	252	22689m>	1.563	ng/ul>	12/04/20 JU
91) Benzo(a)pyrene	25.12	252	32331	2.462	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.17	276	22653m}	1.418	ng/ul}	
94) Benzo(a,h,i)perylene	30.41	276	18300m}	1.388	ng/ul}	12/04/20 JU

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