

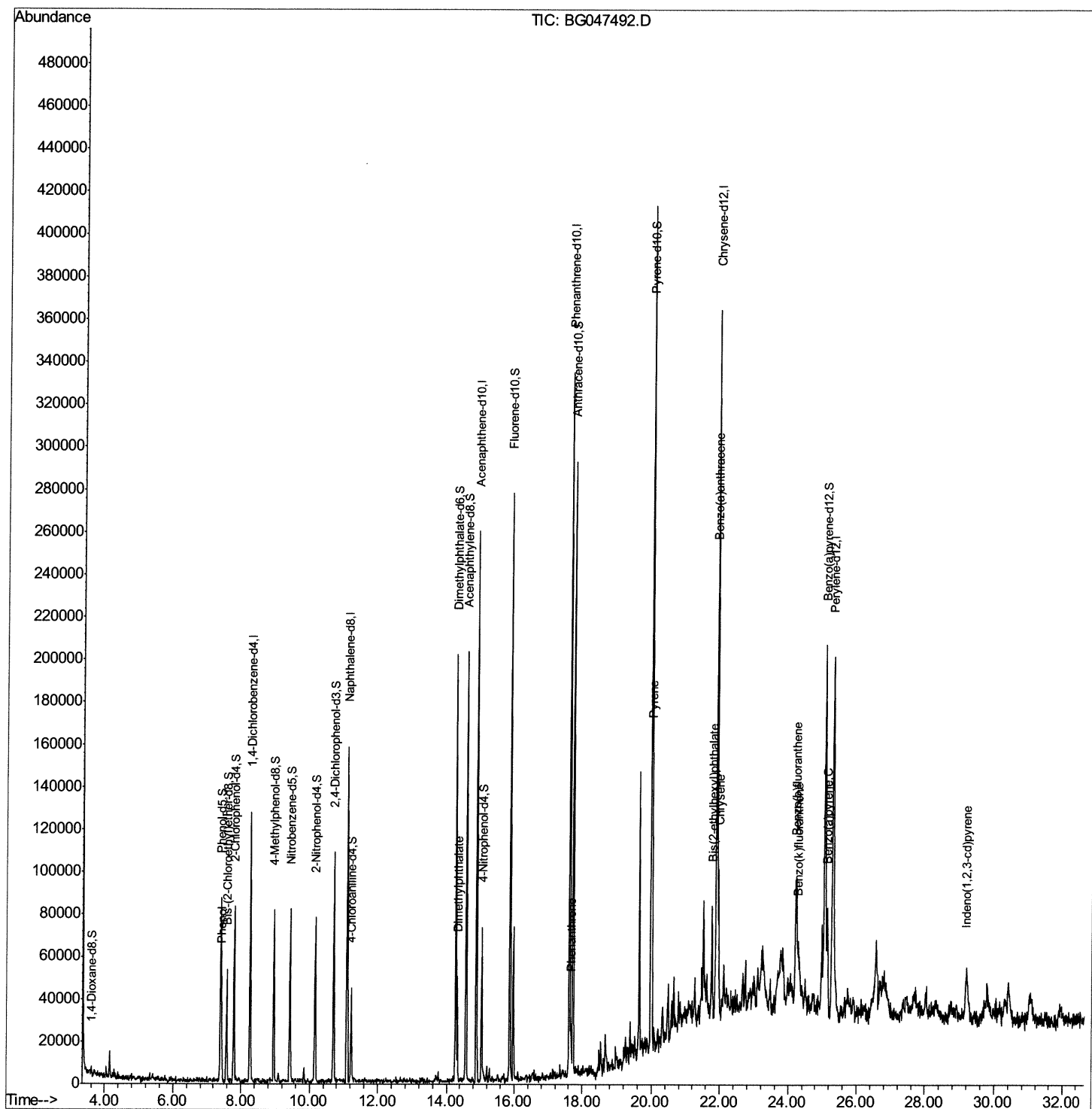
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:18:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

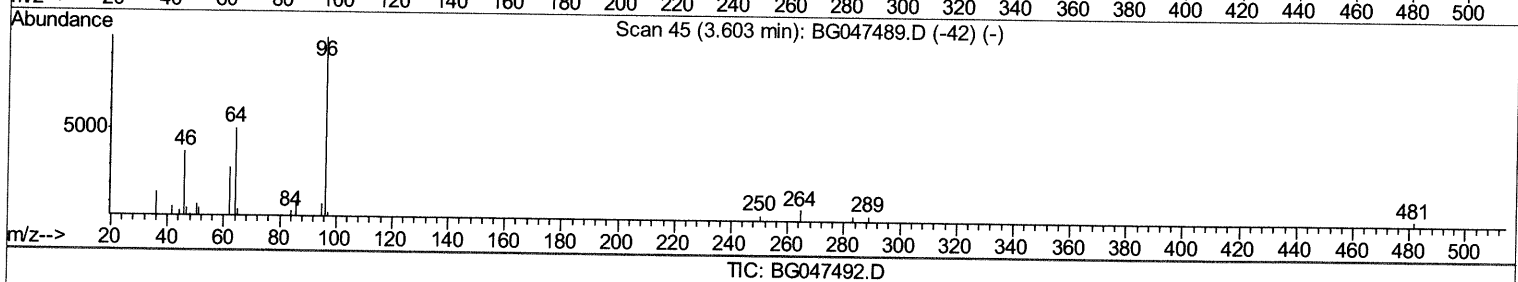
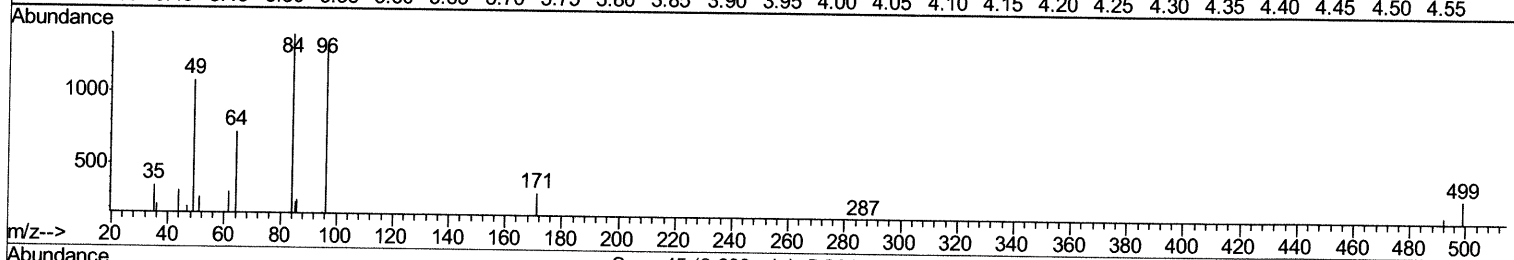
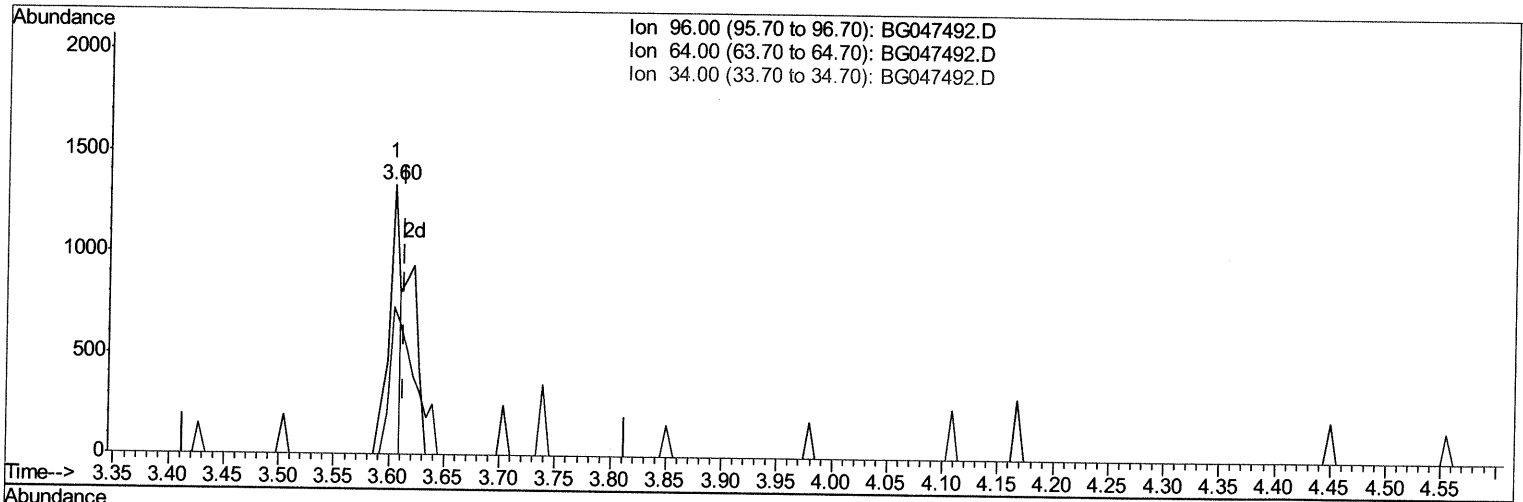
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
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Instrument :
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Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:04:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 01 10:06:47 2020
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.604min (-0.010) 1.19ng/uL

response 988

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	54.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

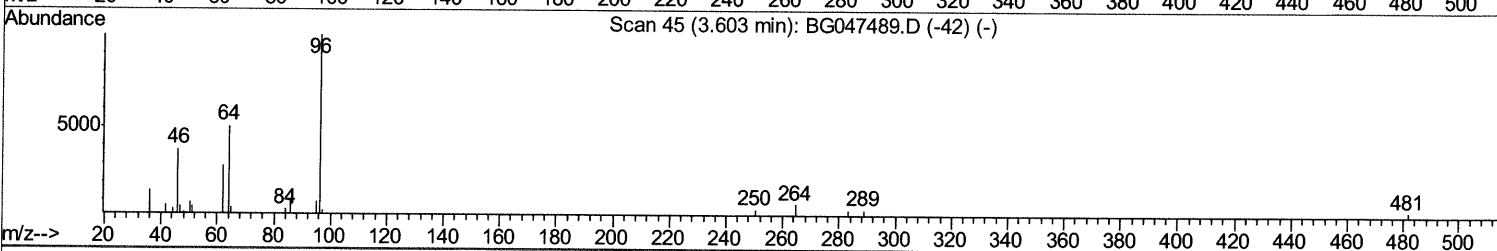
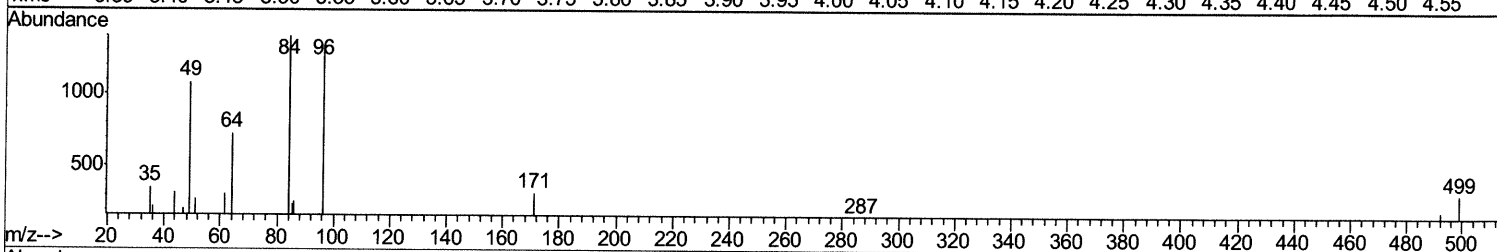
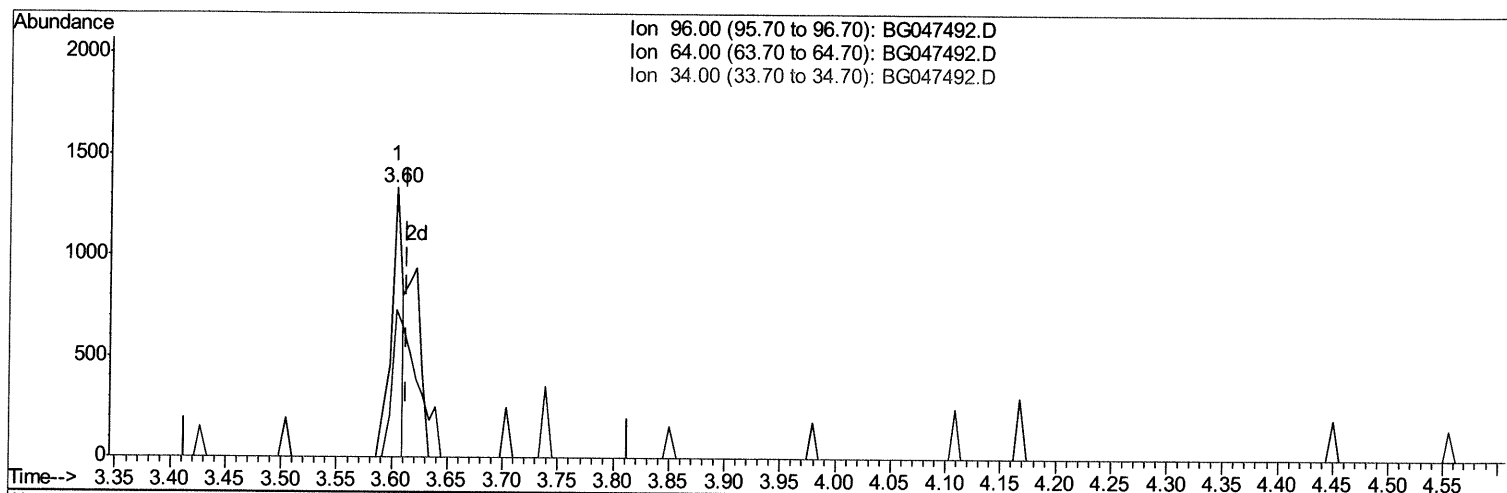
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
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 ClientSampleId :
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Manual Integrations
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mohammad
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TIC: BG047492.D

(3) 1,4-Dioxane-d8 (S)

3.604min (-0.010) 1.19ng/uL

response 988

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	54.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

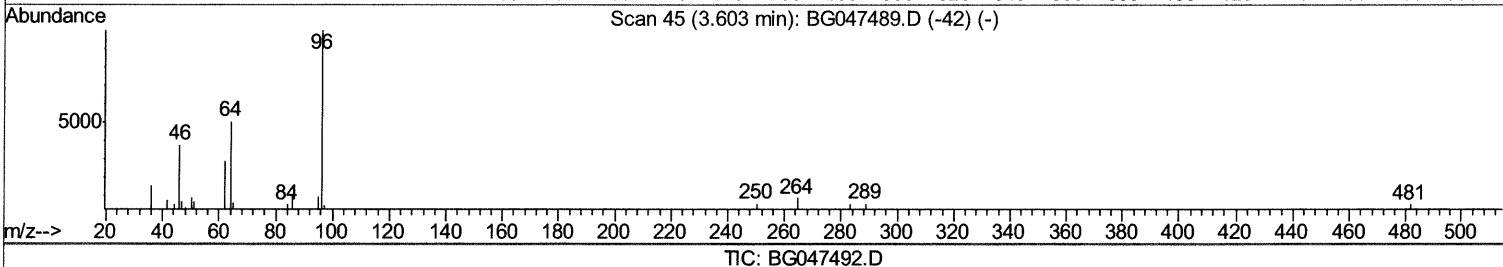
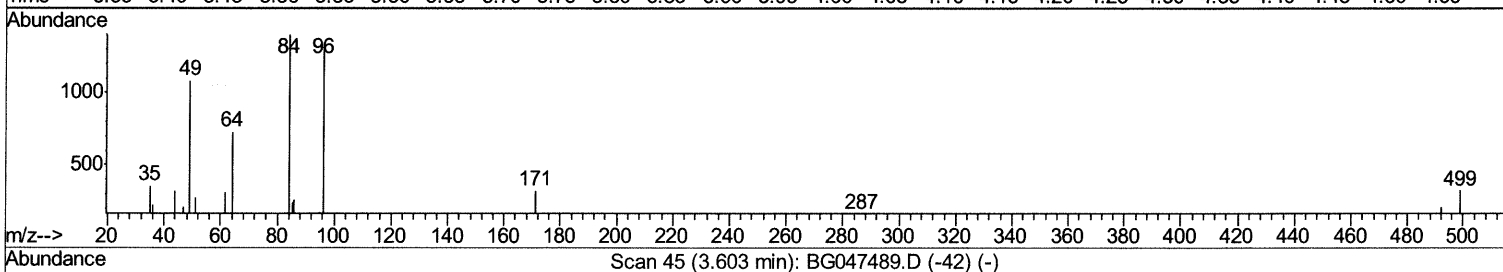
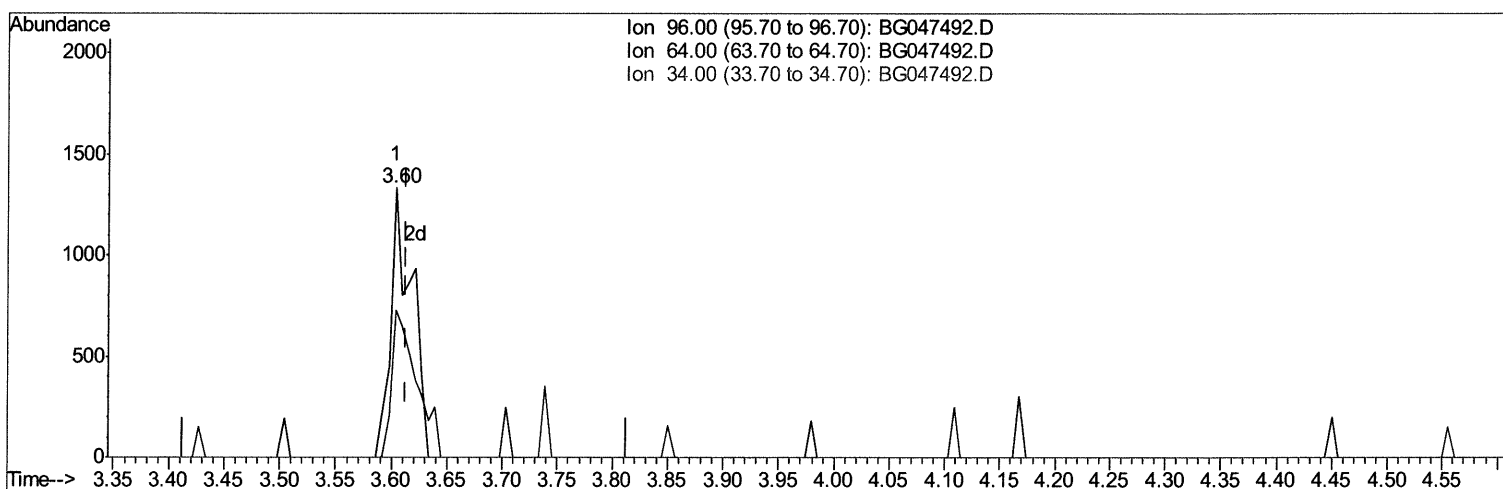
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.604min (-0.010) 2.13ng/uL m 12/04/2020

response 1767

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	54.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

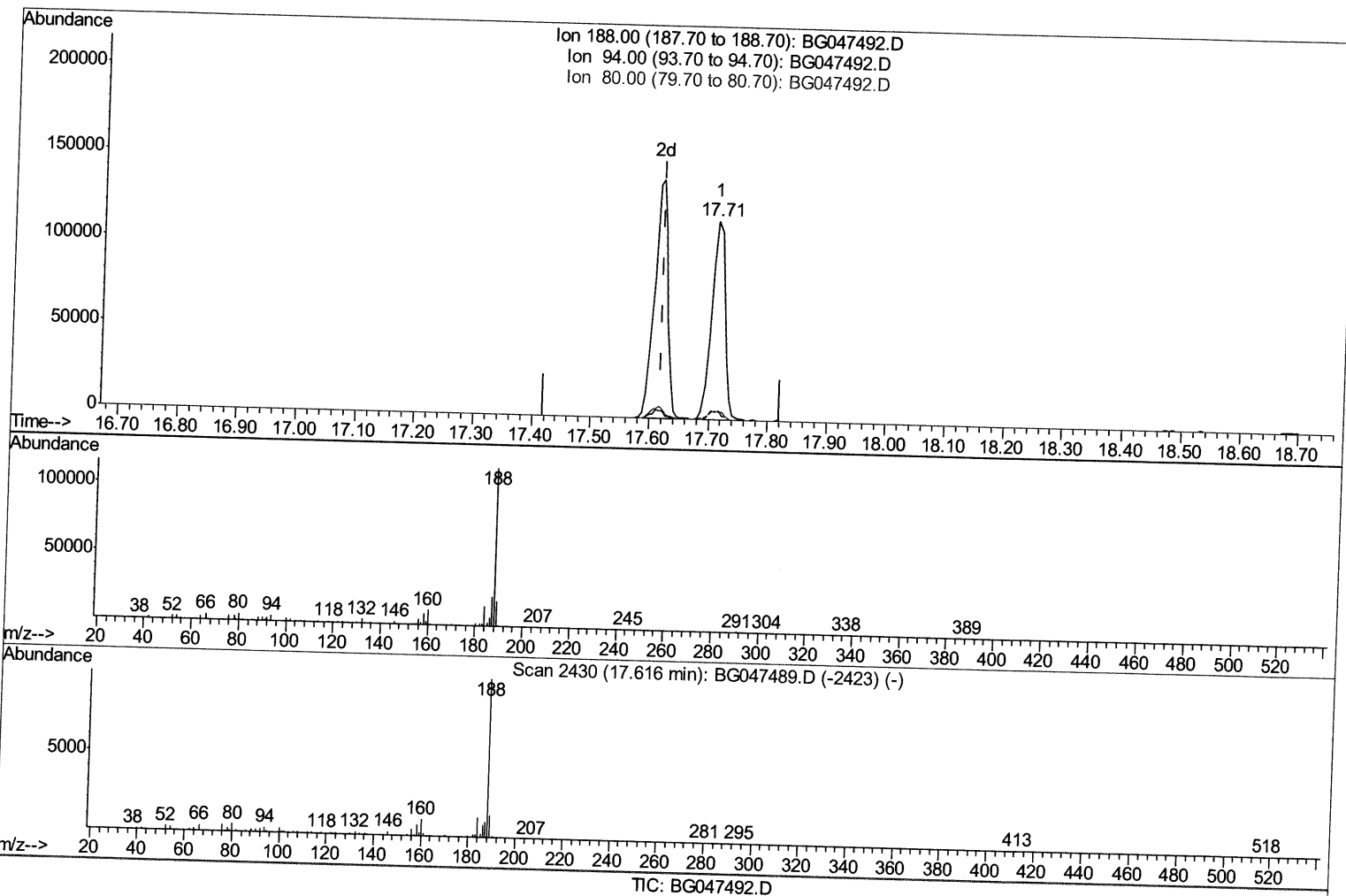
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
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(62) Phenanthrene-d10 (I)

17.711min (+0.090) 20.00ng/ul

response 178531

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.69
80.00	5.30	4.40
0.00	0.00	0.00

Quantitation Report (Qedit)

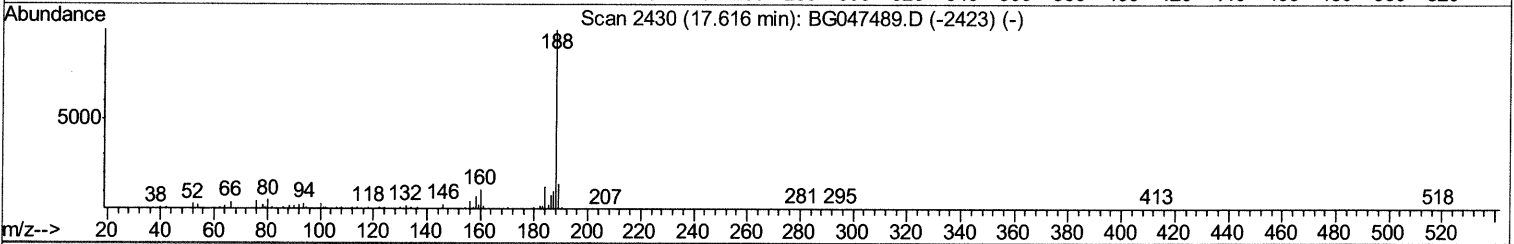
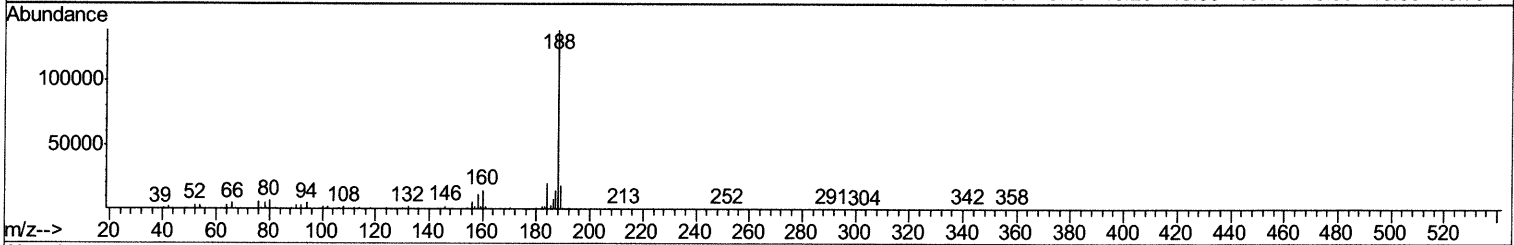
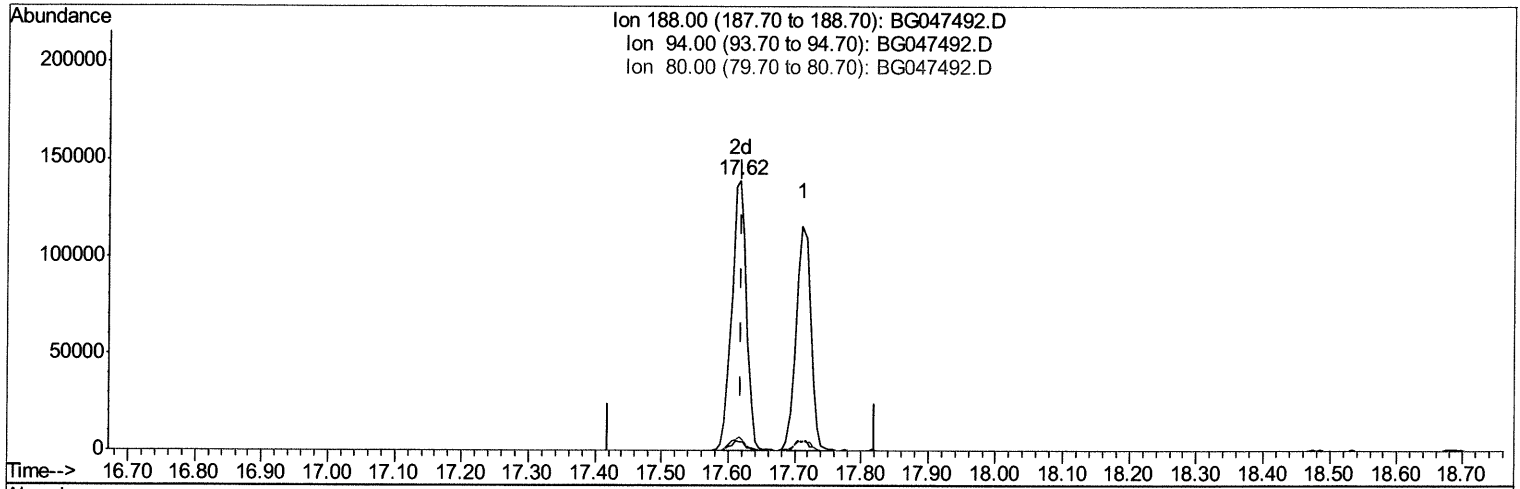
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:04:15 2020
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TIC: BG047492.D

(62) Phenanthrene-d10 (I)

17.617min (-0.004) 20.00ng/ul m 12/04/2020

response 216254

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.36#
80.00	5.30	4.80
0.00	0.00	0.00

Quantitation Report (Qedit)

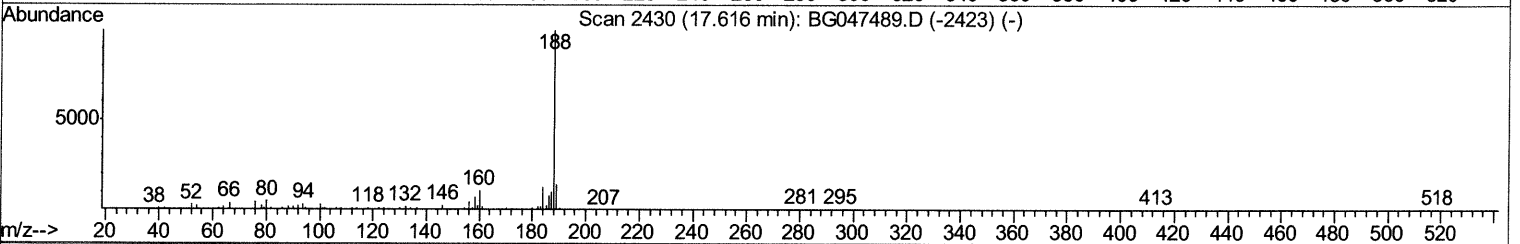
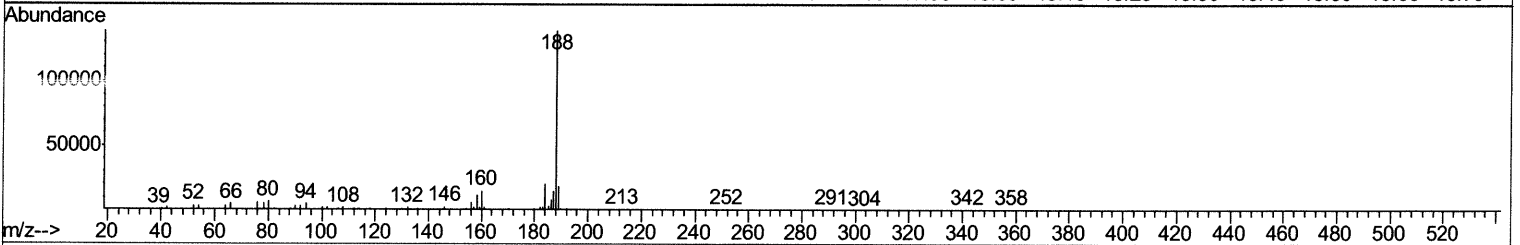
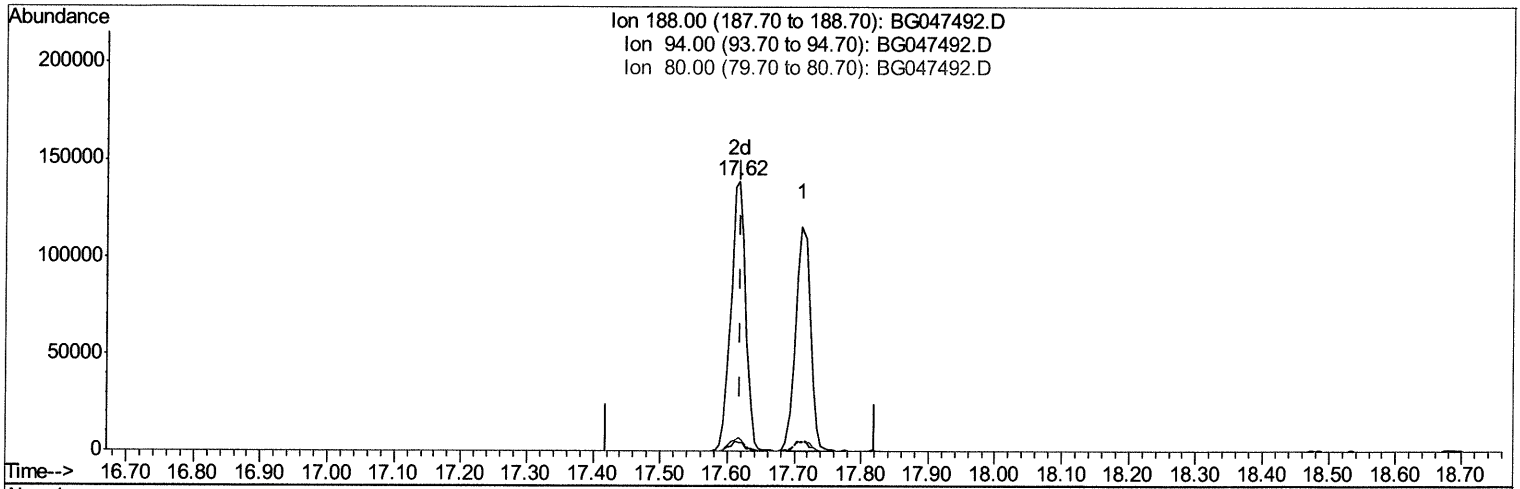
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:04:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG047492.D

(62) Phenanthrene-d10 (I)

17.617min (-0.004) 20.00ng/ul m 12/04/2020

response 216254

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.36#
80.00	5.30	4.80
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
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Manual Integrations
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mohammad
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Quant Time: Dec 01 11:18:48 2020

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Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	121243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	90061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	216254m >	20.00	ng/ul >	0.00 12/04/20 Ju
78) Chrysene-d12	21.89	240	198856	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	208635	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1767m >	2.13	ng/uL >	0.00 12/04/20 Ju
5) Phenol-d5	7.40	99	38522	12.73	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.58	67	23743	13.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	14.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27037	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	16046	16.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	19687	18.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	37628	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	20887	8.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	120710	15.61	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	147303	16.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13156	11.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	114047	16.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.02	200	61	0.05	ng/ul	0.04
71) Anthracene-d10	17.71	188	178567	16.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	209177	18.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	204747	17.05	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.42	94	12617	4.352	ng/ul# 90
45) Dimethylphthalate	14.31	163	28596	3.626	ng/ul# 93
70) Phenanthrene	17.66	178	16913	1.448	ng/ul 98
80) Pyrene	20.01	202	87721	6.228	ng/ul# 97
83) Benzo(a)anthracene	21.88	228	58632	4.144	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	21.76	149	17628	2.556	ng/ul# 93
85) Chrysene	21.95	228	58112	4.316	ng/ul 98
88) Benzo(b)fluoranthene	24.21	252	46715	3.171	ng/ul 94
89) Benzo(k)fluoranthene	24.28	252	25236	1.738	ng/ul# 90
91) Benzo(a)pyrene	25.14	252	63151	4.809	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	29.19	276	23871	1.494	ng/ul# 93

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

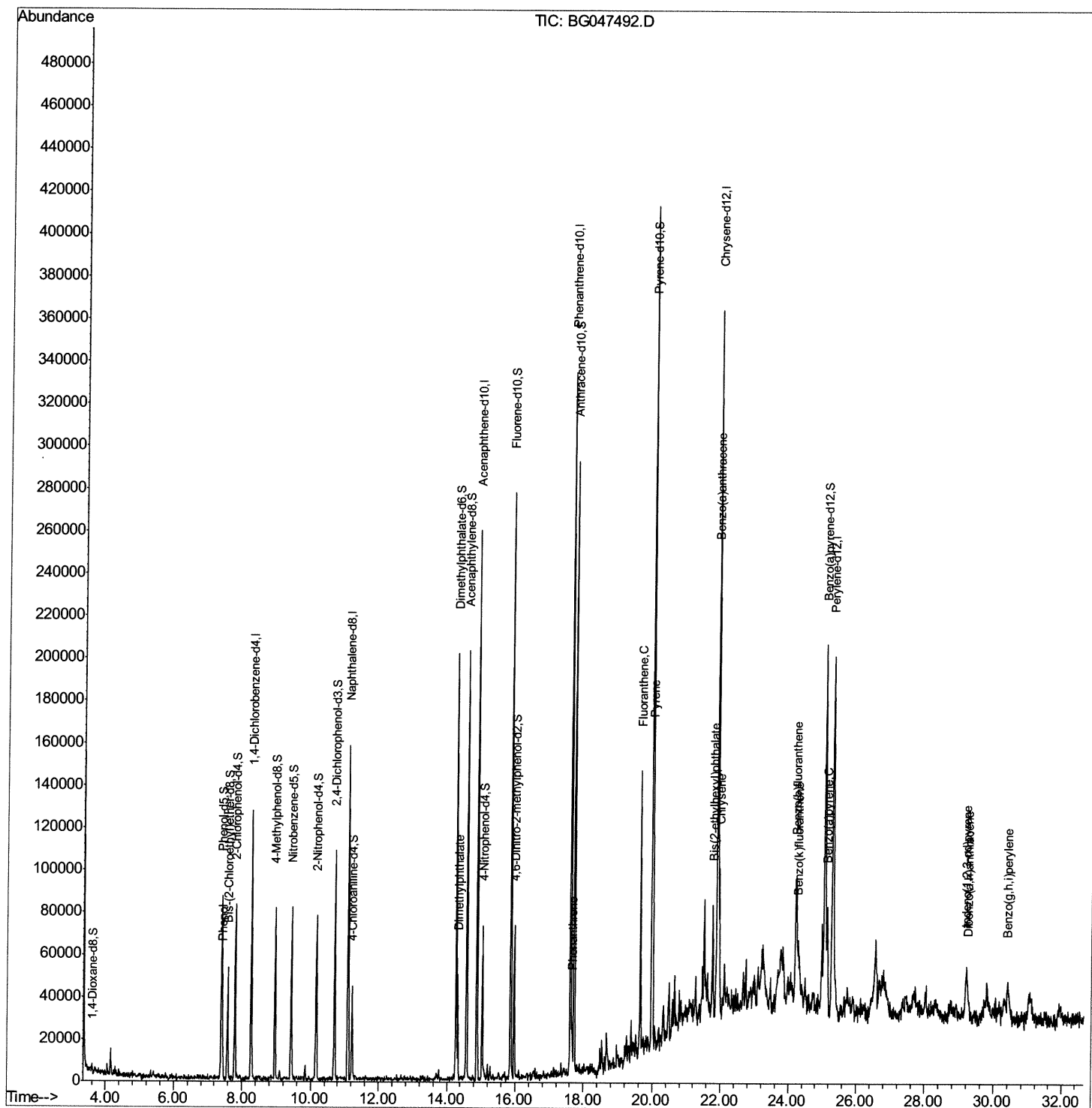
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:28:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

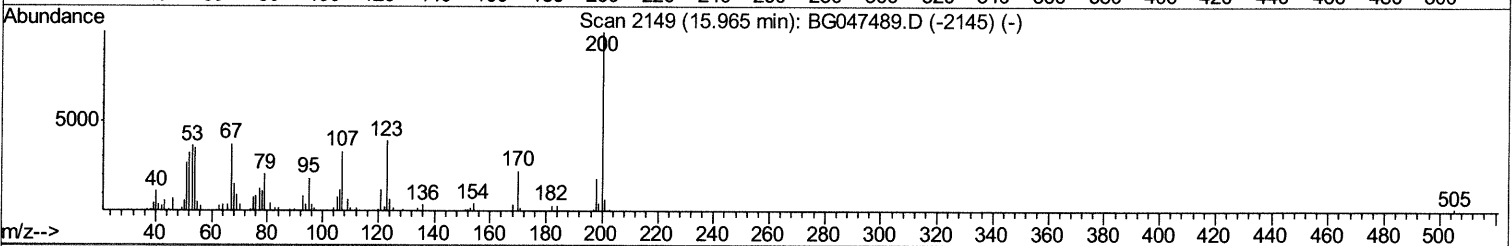
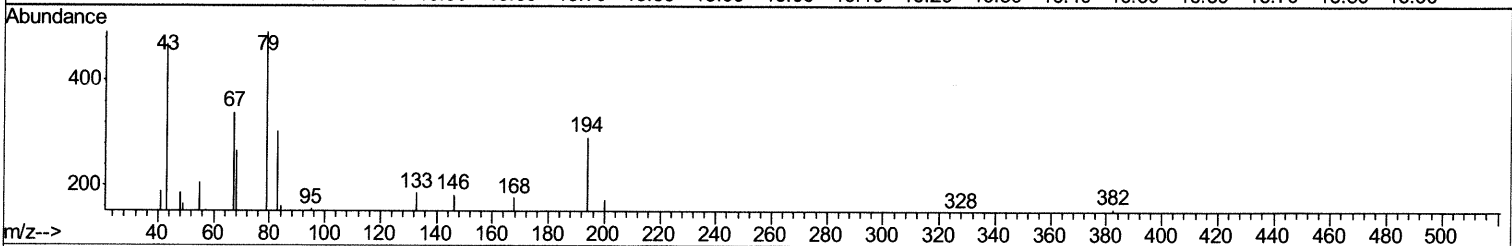
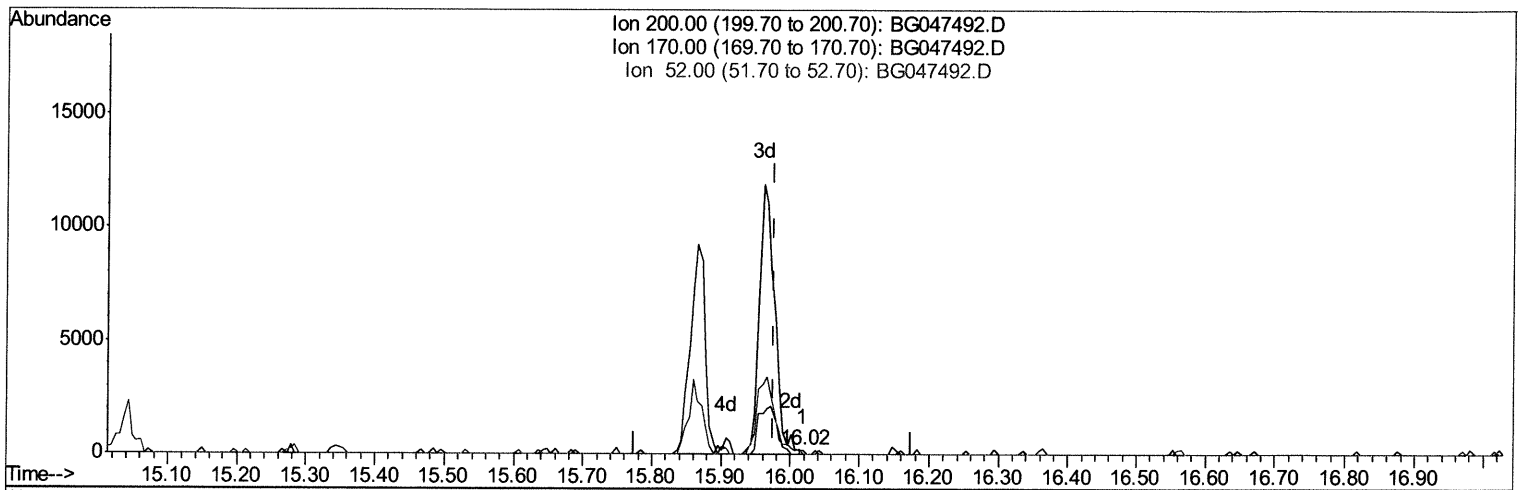
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:18:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG047492.D

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

16.018min (+0.043) 0.05ng/ul

response 61

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)

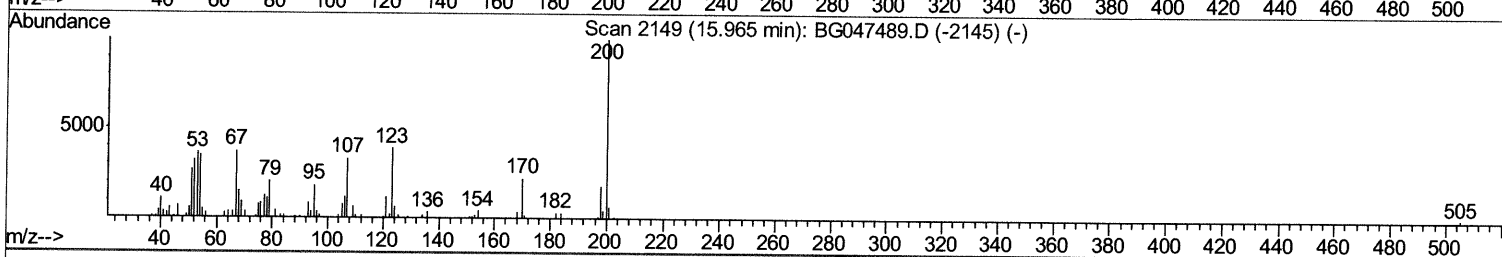
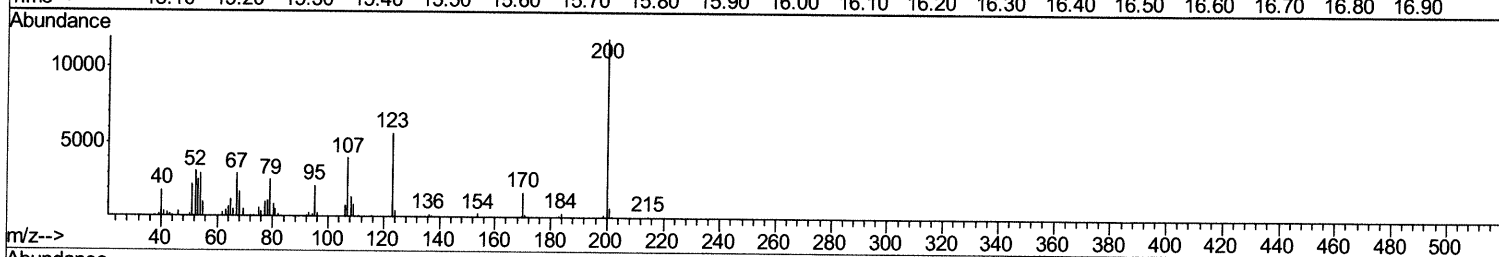
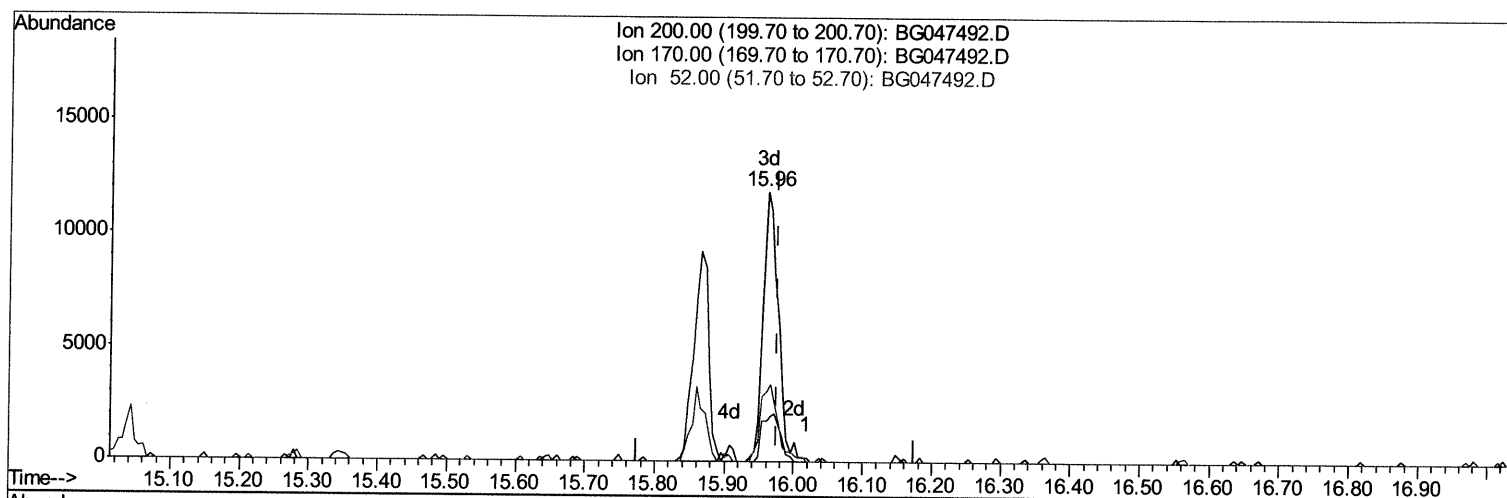
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

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12/2/2020 2:25:44 PM

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Quant Title : SVOA CALIBRATION
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TIC: BG047492.D

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

15.960min (-0.015) 14.89ng/ul m 12/04/20 JU

response 18330

Ion	Exp%	Act%
200.00	100	100
170.00	18.20	15.08
52.00	39.70	26.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

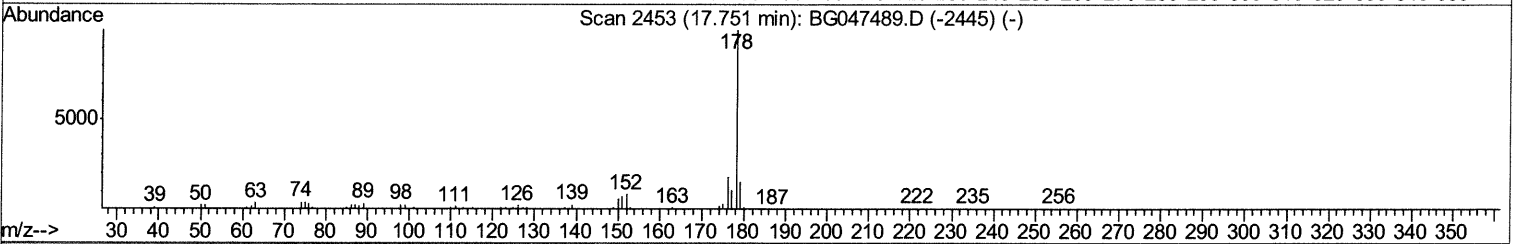
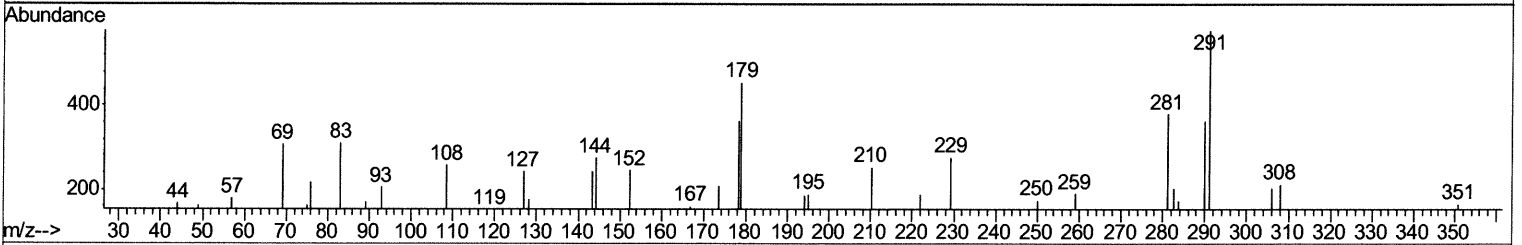
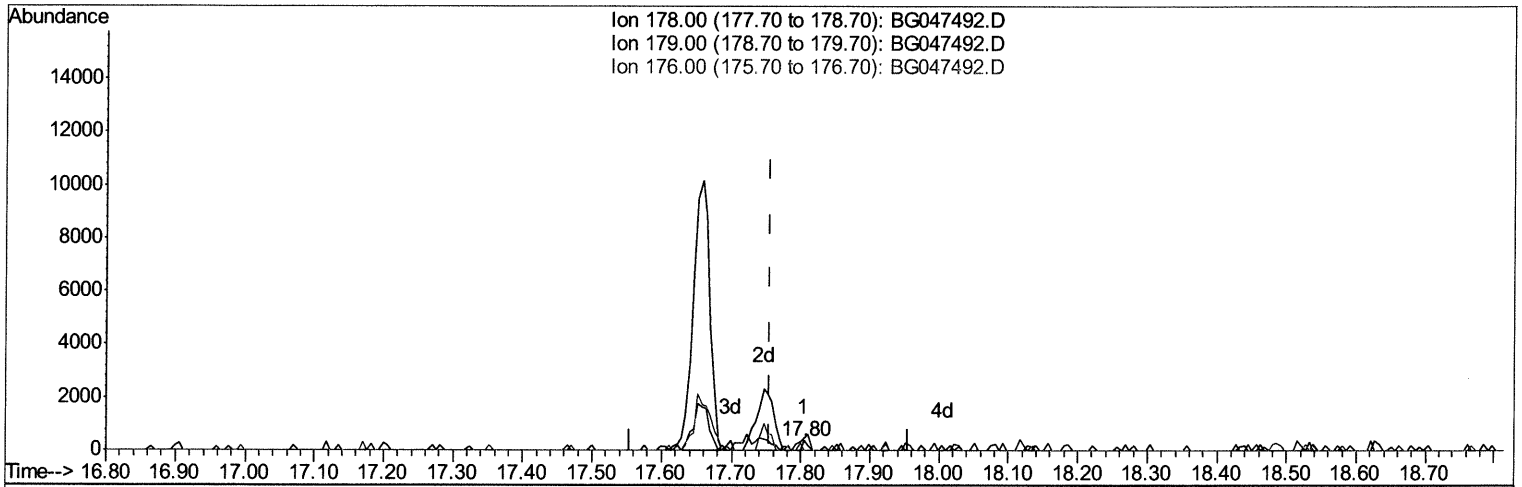
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TIC: BG047492.D

(72) Anthracene

17.805min (+0.049) 0.02ng/ul

response 187

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	124.73#
176.00	19.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

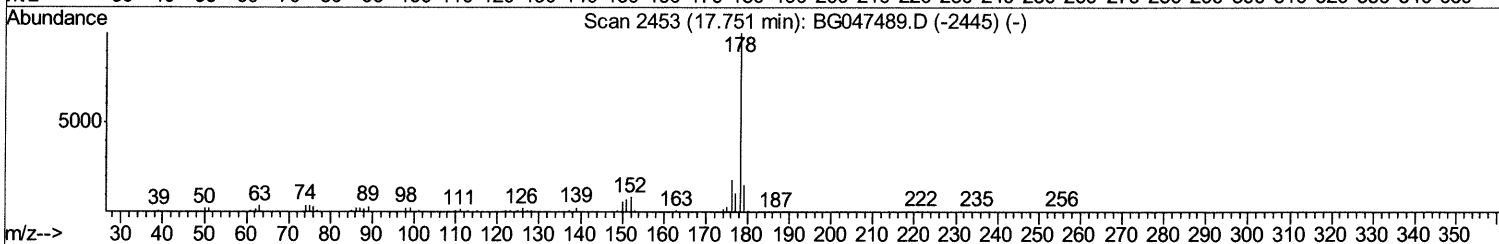
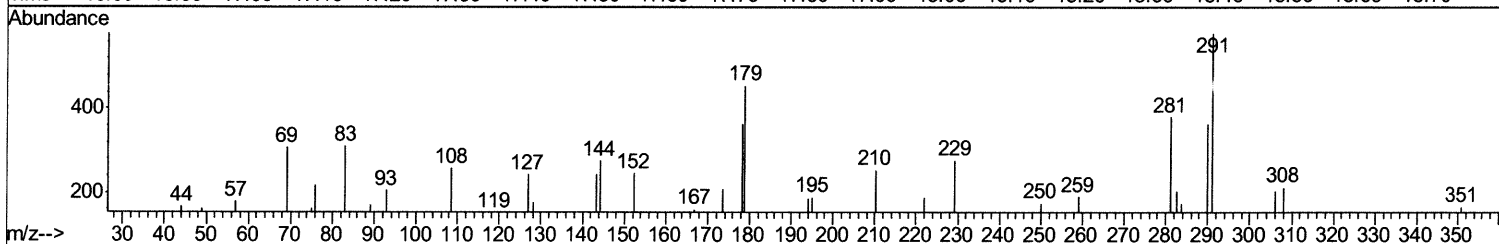
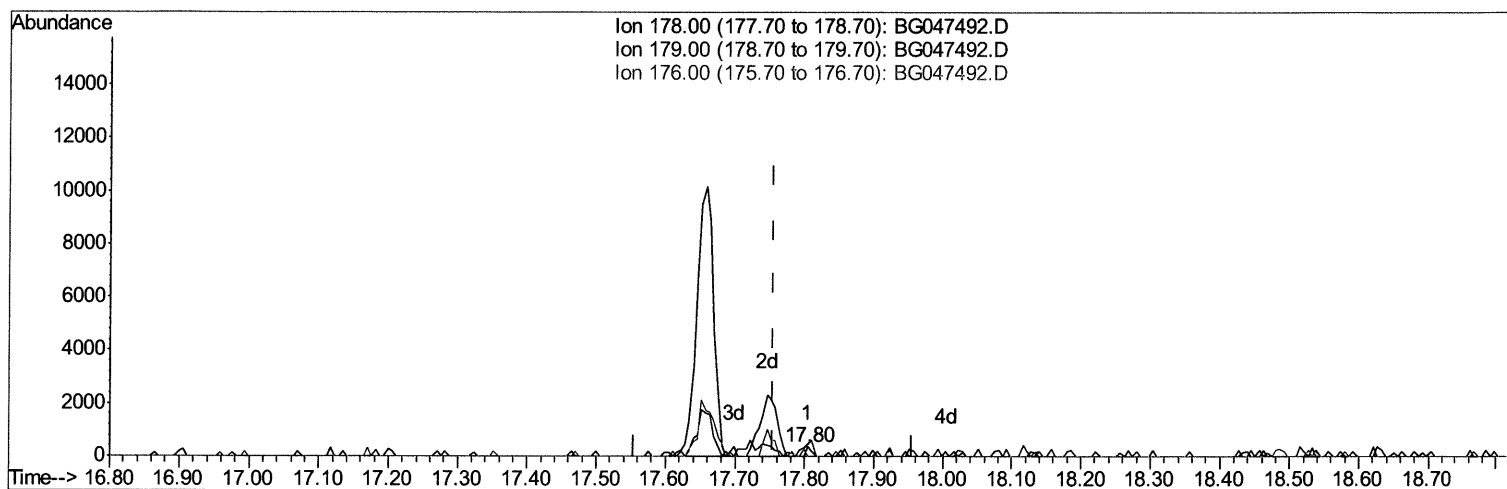
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
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Sample : L4793-15
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ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations
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mohammad
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TIC: BG047492.D

(72) Anthracene

17.805min (+0.049) 0.02ng/ul

response 187

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	124.73#
176.00	19.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

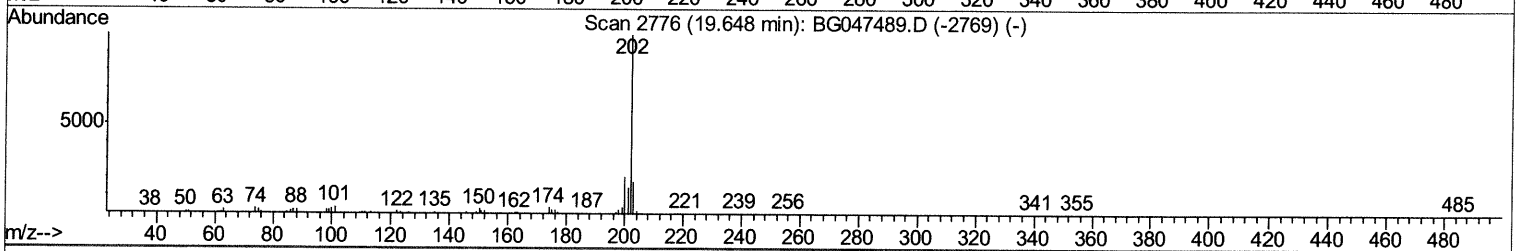
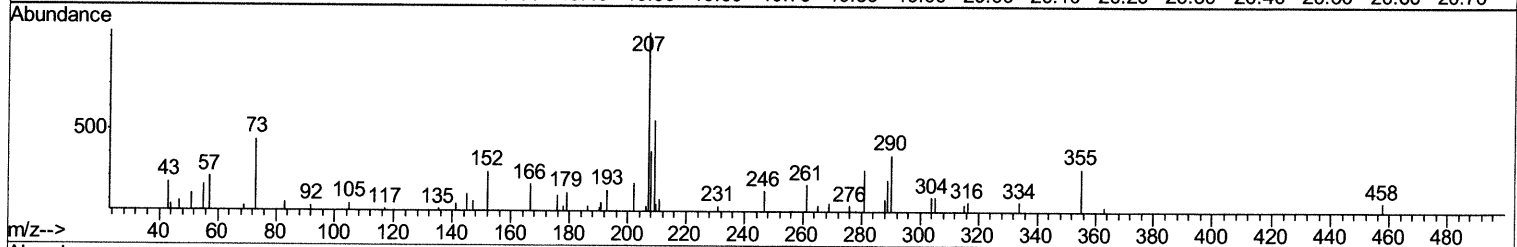
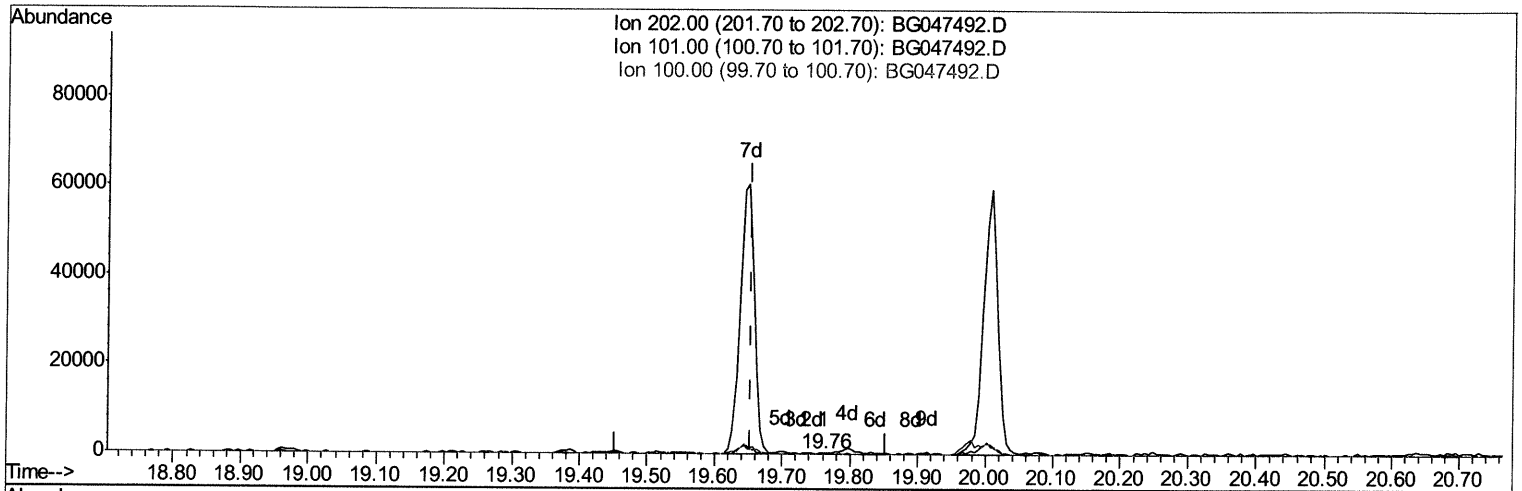
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 01 10:06:47 2020
 Response via : Initial Calibration



TIC: BG047492.D

(77) Fluoranthene (C)

19.761min (+0.108) 0.02ng/ul

response 227

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

```
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\  
Data File : BG047492.D  
Acq On    : 1 Dec 2020 10:12  
Operator  : CG/JU  
Sample    : L4793-15  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```

mohammad
12/2/2020 2:25:44 PM

Abundance

Ion 202.00 (201.70 to 202.70): BG047492.D
Ion 101.00 (100.70 to 101.70): BG047492.D
Ion 100.00 (99.70 to 100.70): BG047492.D

7d
19.65

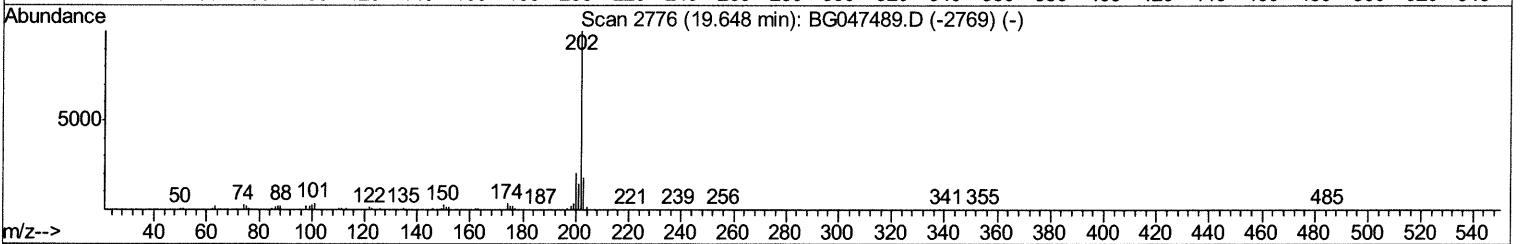
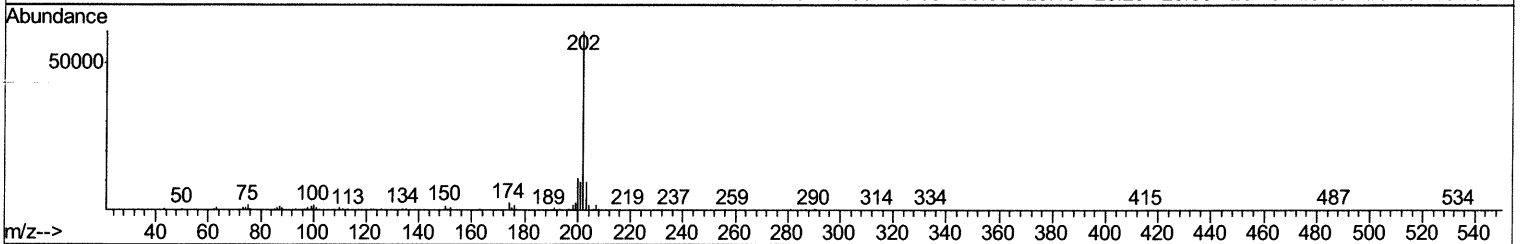
5d
19.62

6d
19.68

4d
19.82

8d
20.00

Time--> 18.80 18.90 19.00 19.10 19.20 19.30 19.40 19.50 19.60 19.70 19.80 19.90 20.00 20.10 20.20 20.30 20.40 20.50 20.60 20.70



TIC: BG047492.D

Ion	Exp%	Act%
202.00	100	100
101.00	3.80	1.93#
100.00	3.80	2.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

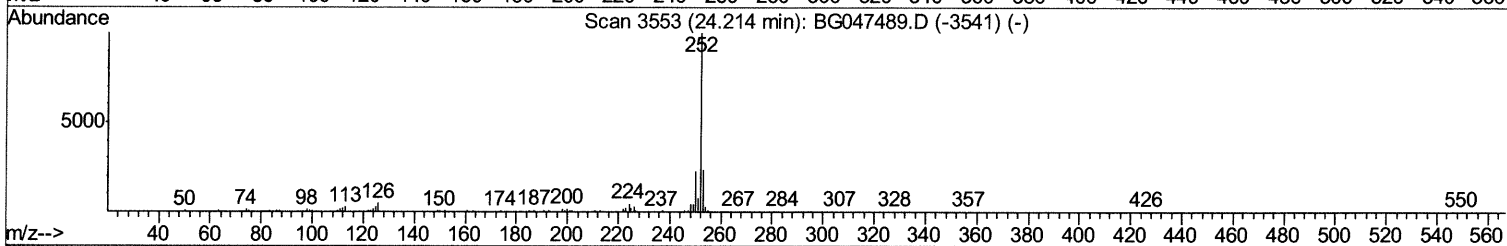
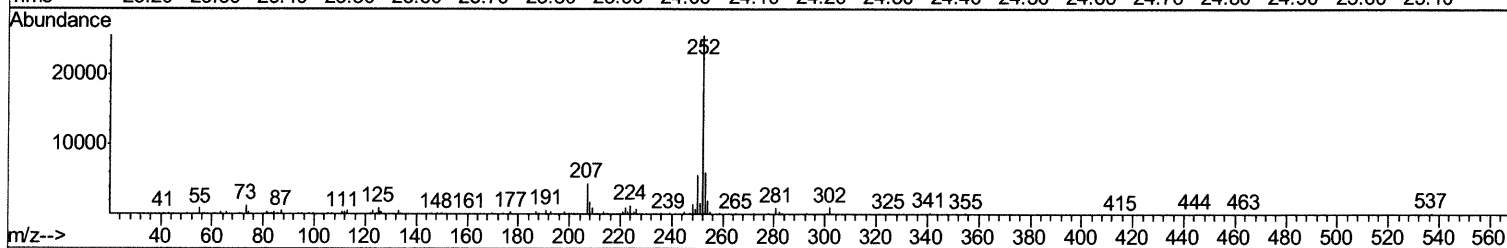
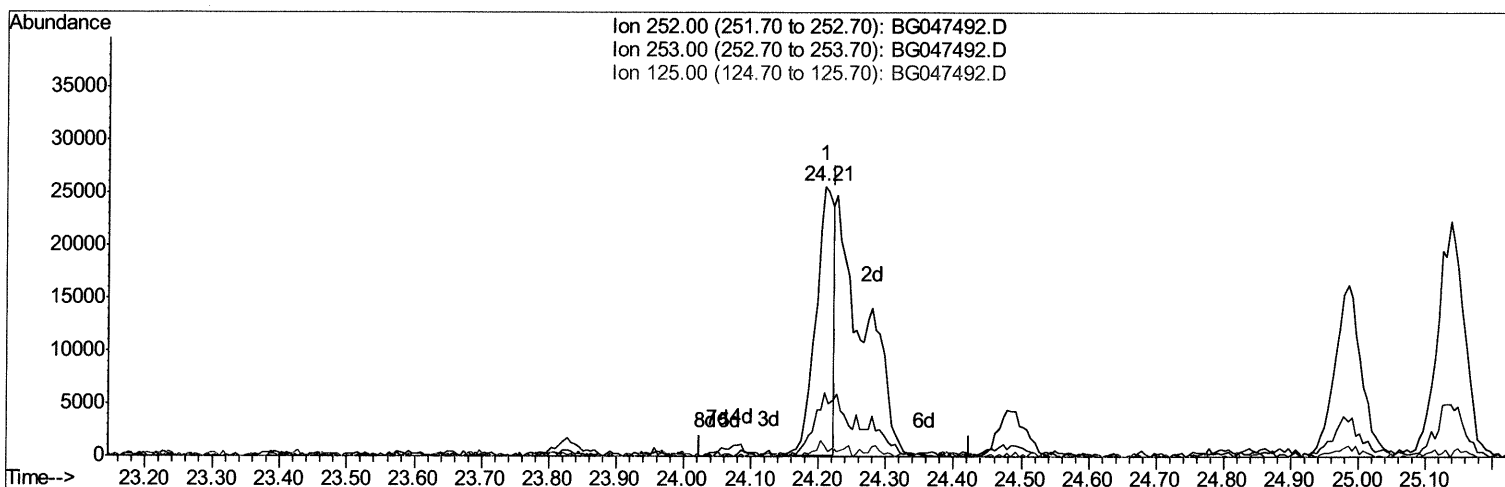
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

(88) Benzo(b)fluoranthene

24.209min (-0.015) 3.17ng/ul

response 46715

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	23.71
125.00	3.40	4.02
0.00	0.00	0.00

Quantitation Report (Qedit)

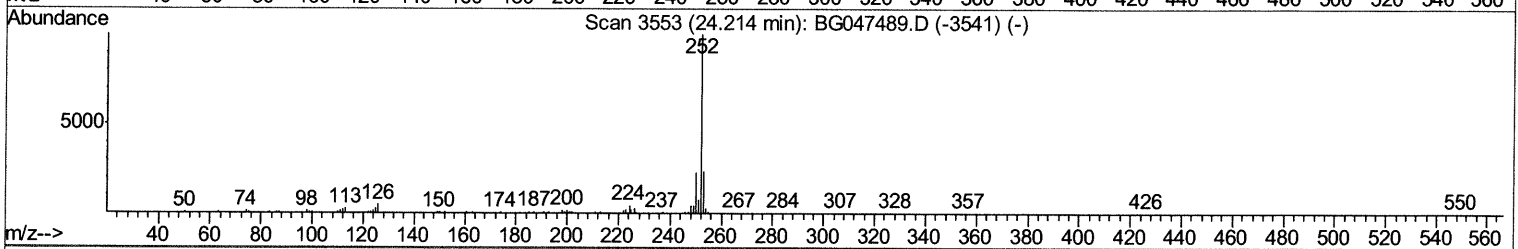
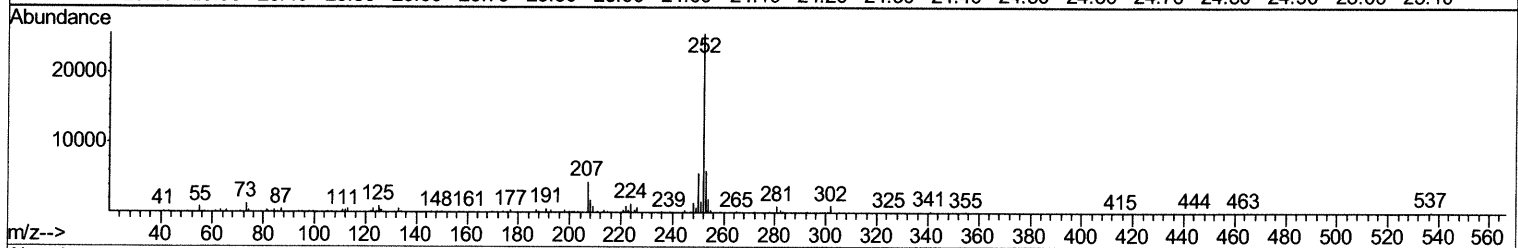
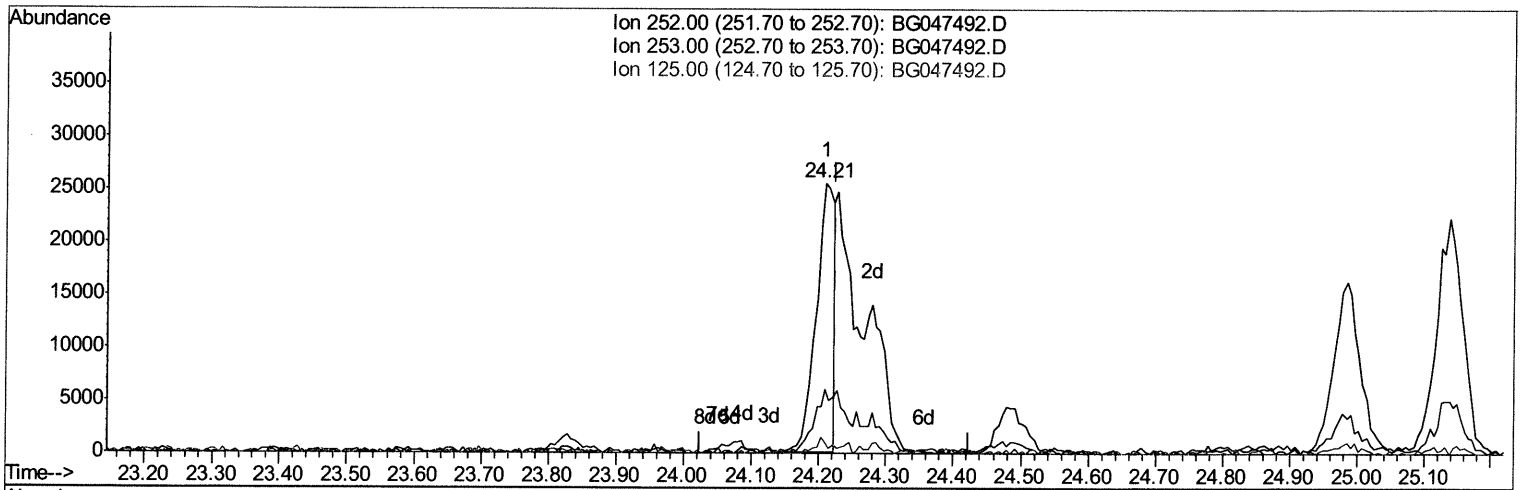
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

(88) Benzo(b)fluoranthene

24.209min (-0.015) 3.17ng/ul

response 46715

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	23.71
125.00	3.40	4.02
0.00	0.00	0.00

Quantitation Report (Qedit)

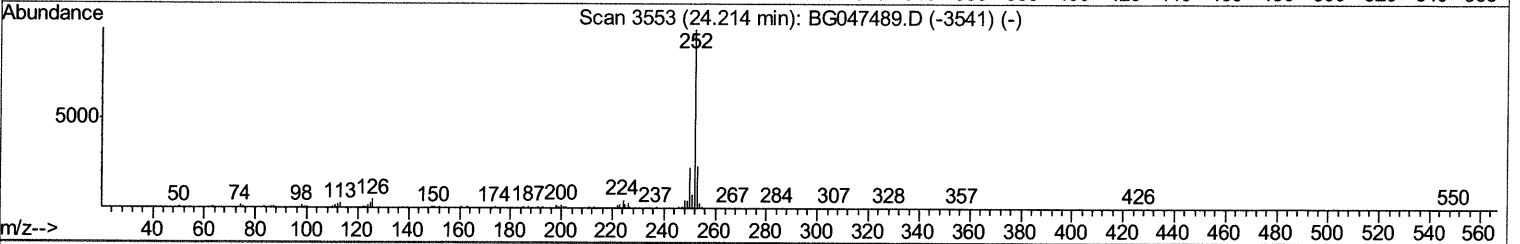
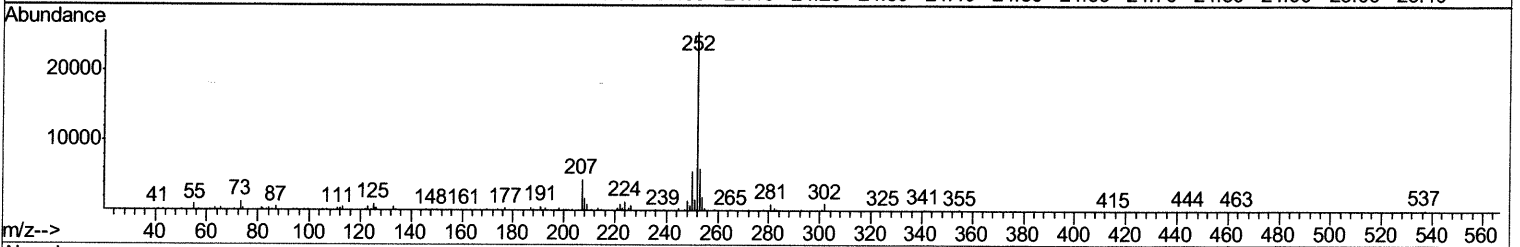
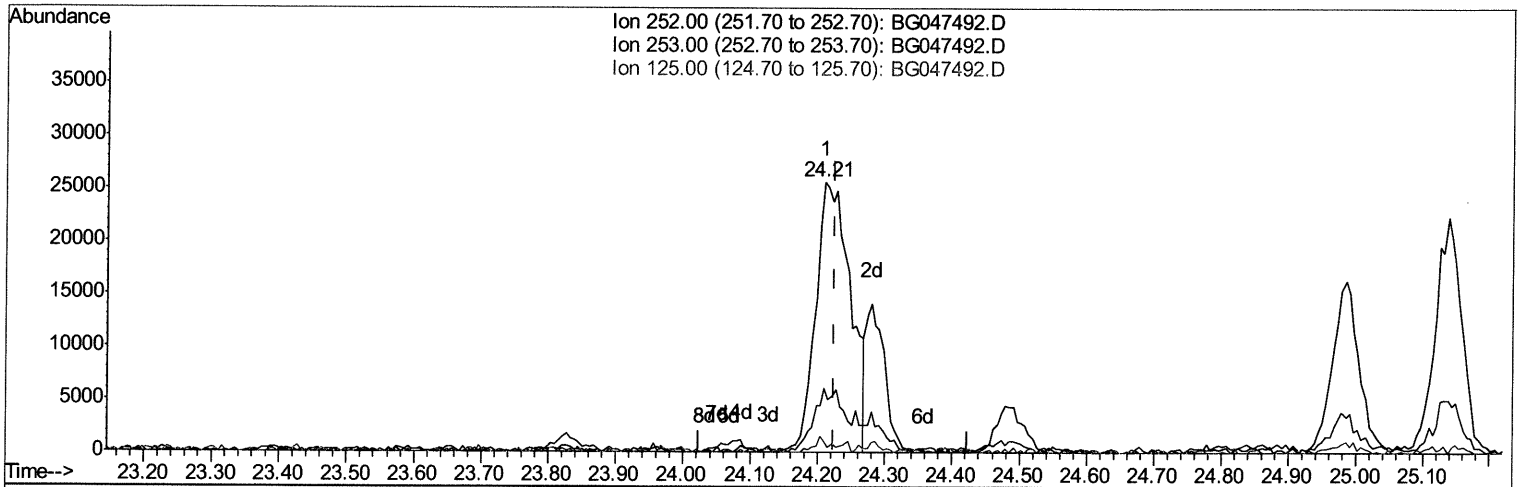
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B42

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 01 10:06:47 2020
 Response via : Initial Calibration



TIC: BG047492.D

(88) Benzo(b)fluoranthene

24.209min (-0.015) 6.27ng/ul m 12/04/2024

response 92326

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	23.71
125.00	3.40	4.02
0.00	0.00	0.00

Quantitation Report (Qedit)

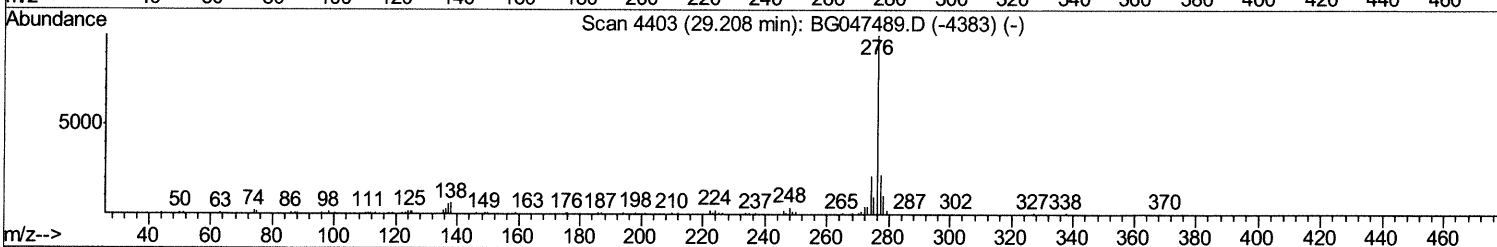
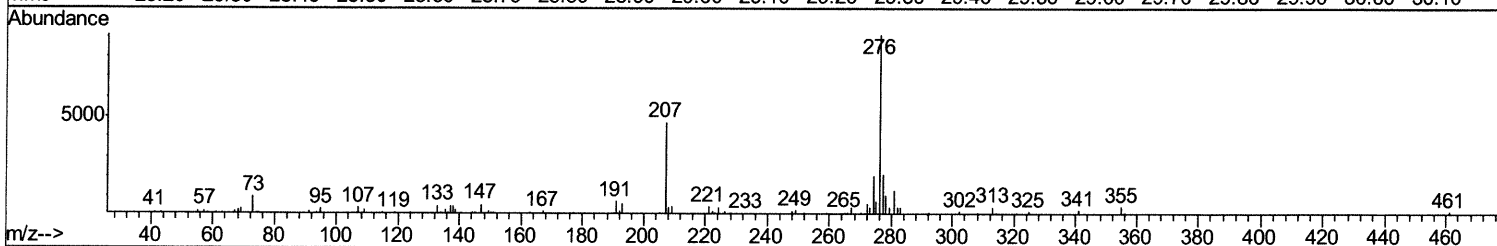
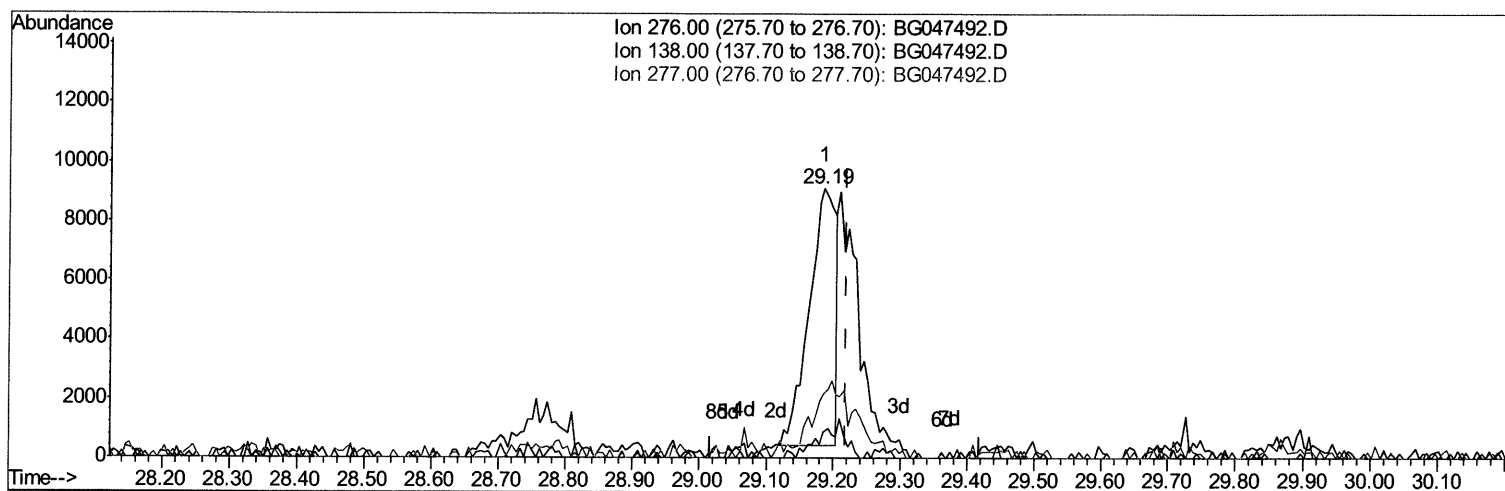
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

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

29.185min (-0.033) 1.49ng/ul

response 23871

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	9.71#
277.00	20.60	23.48
0.00	0.00	0.00

Quantitation Report (Qedit)

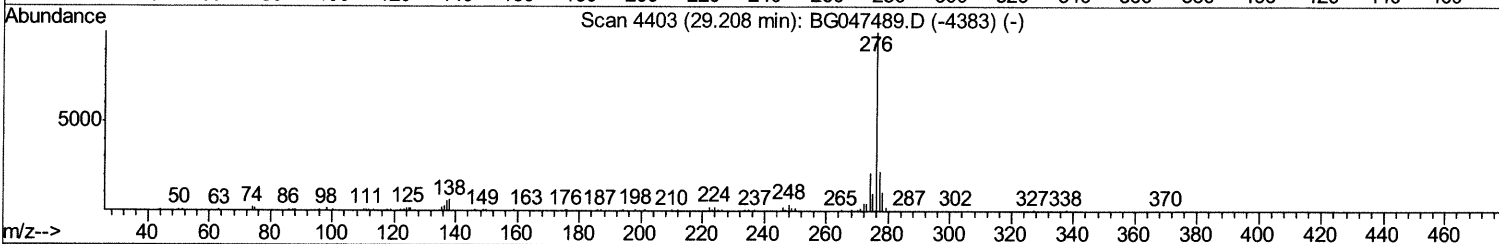
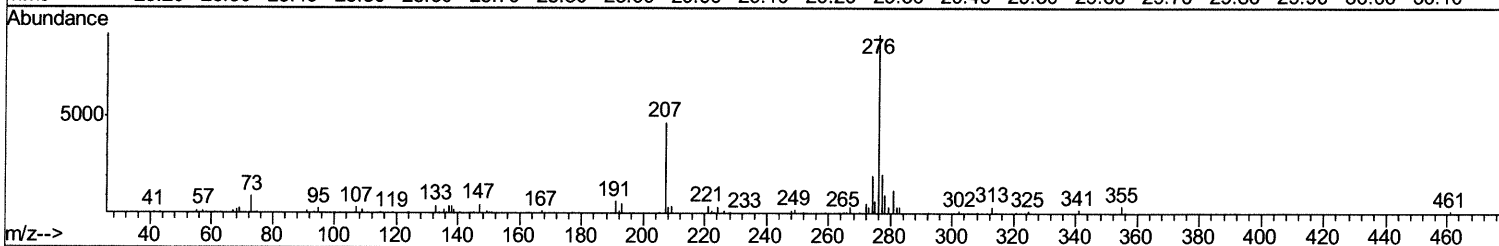
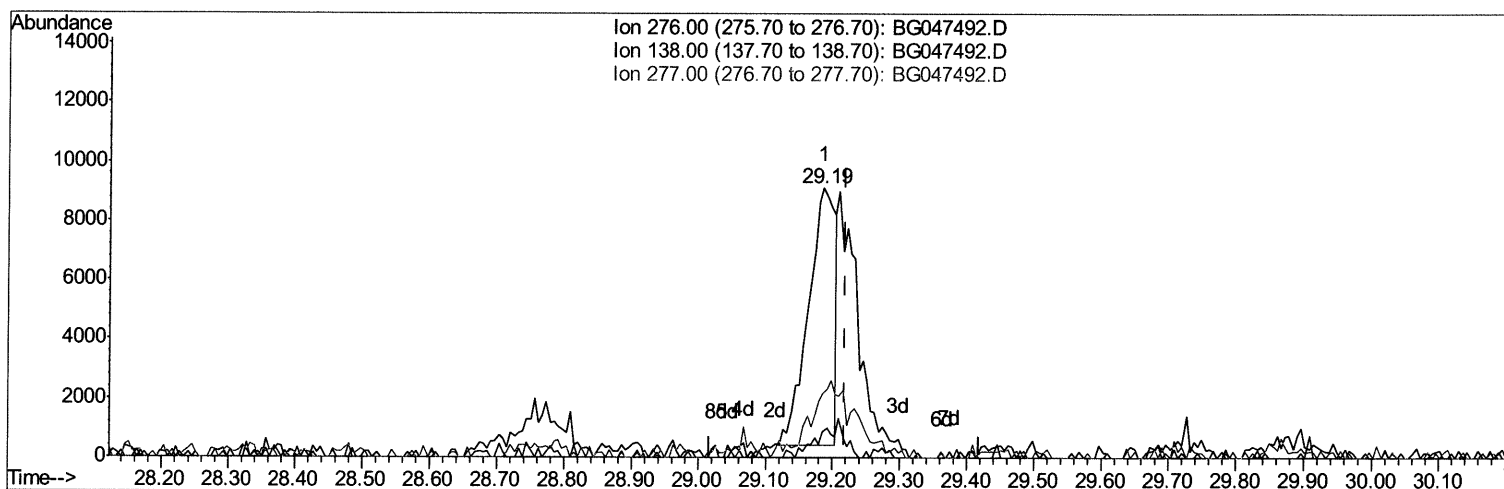
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

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

29.185min (-0.033) 1.49ng/ul

response 23871

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	9.71#
277.00	20.60	23.48
0.00	0.00	0.00

Quantitation Report (Qedit)

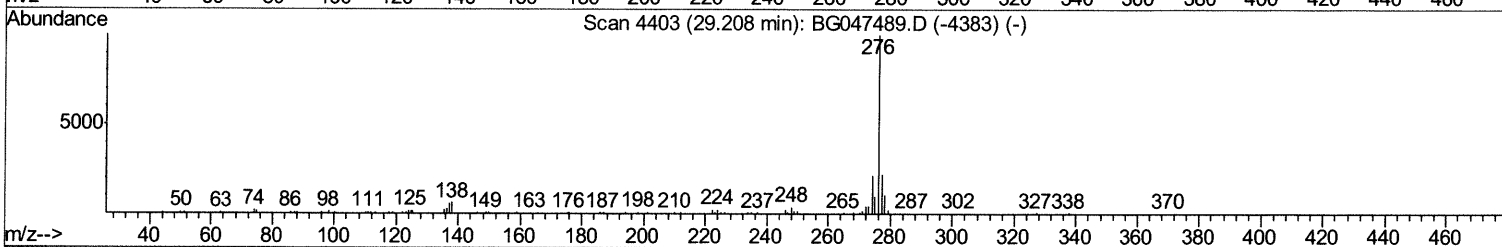
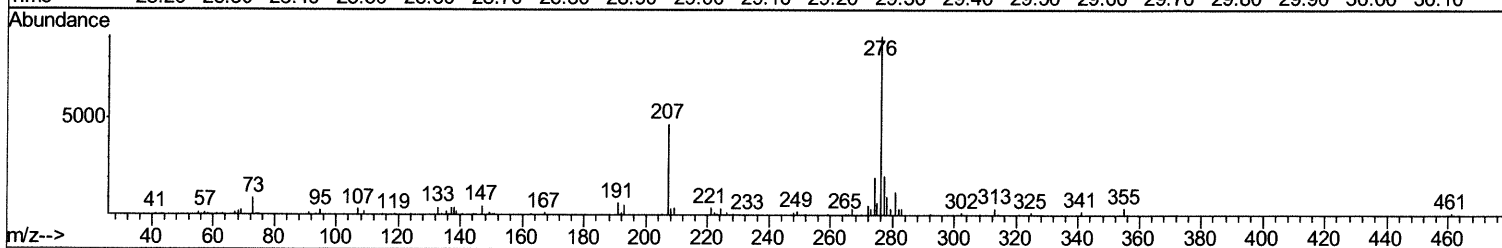
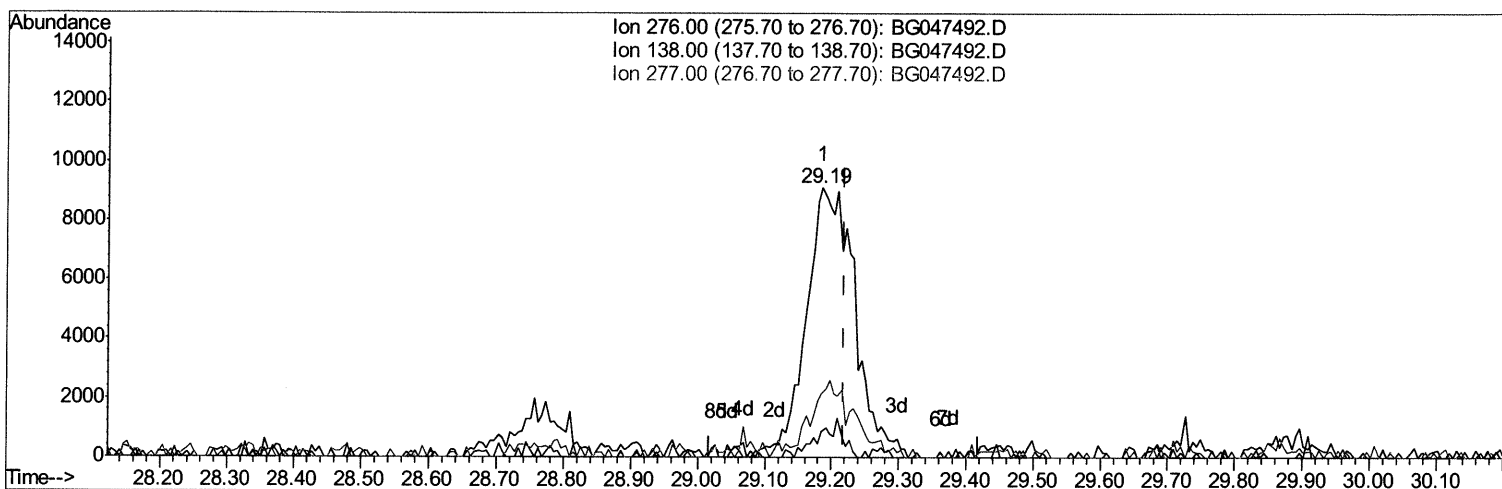
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B42

Manual Integrations
APPROVED

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12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

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

29.185min (-0.033) 2.85ng/ul m 12/04/20 JU

response 45596

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	5.80
277.00	20.60	23.48
0.00	0.00	0.00

Quantitation Report (Qedit)

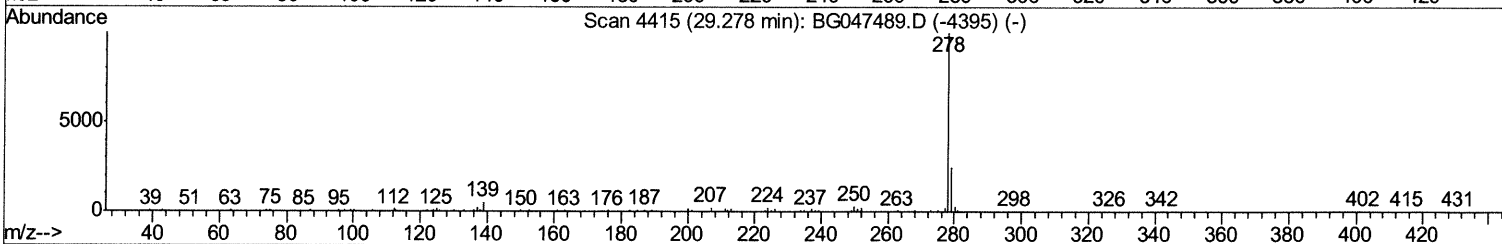
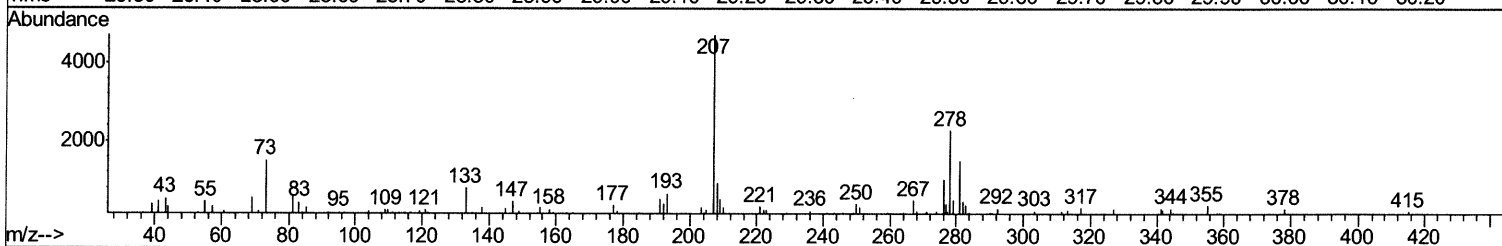
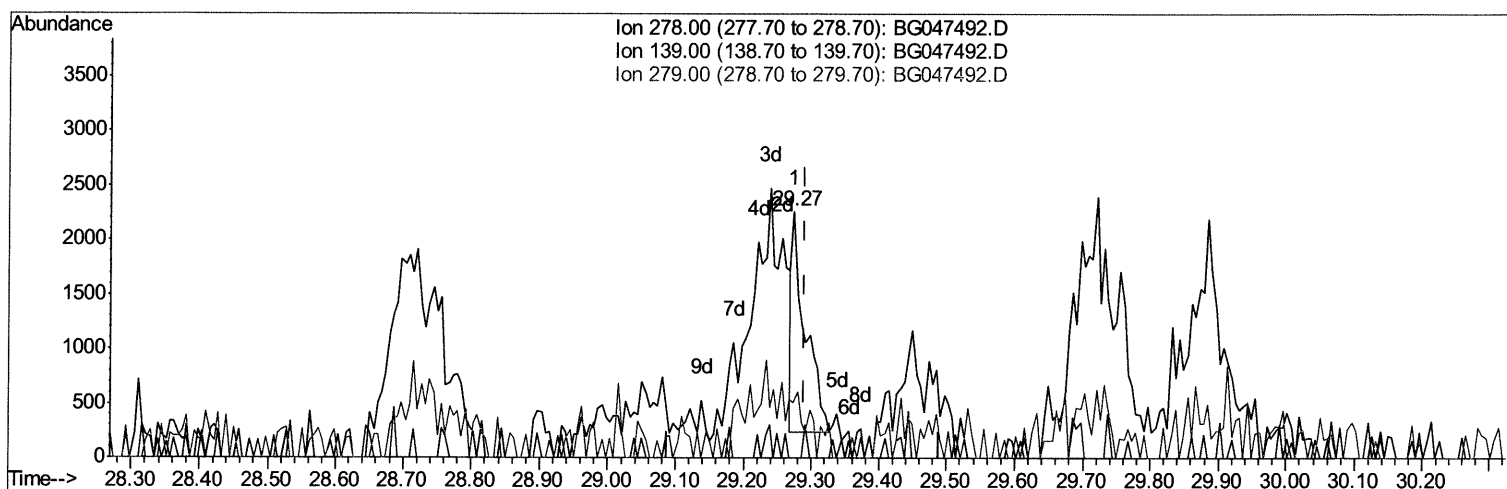
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

(93) Dibenzo(a,h)anthracene

29.273min (-0.015) 0.21ng/ul

response 2692

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	0.00#
279.00	22.70	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

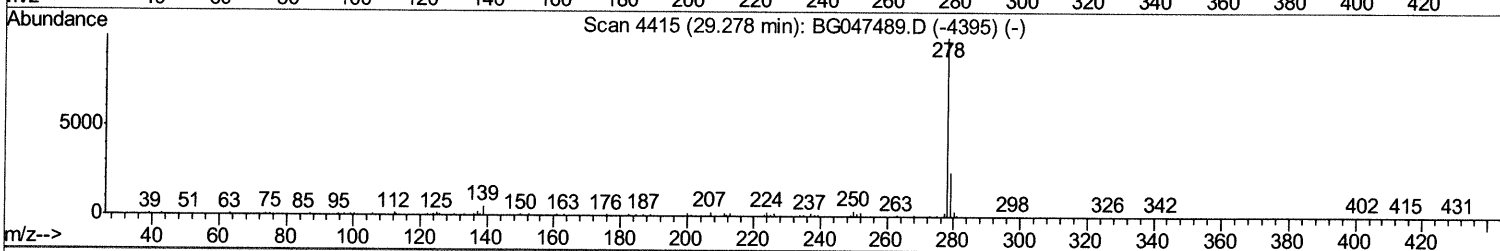
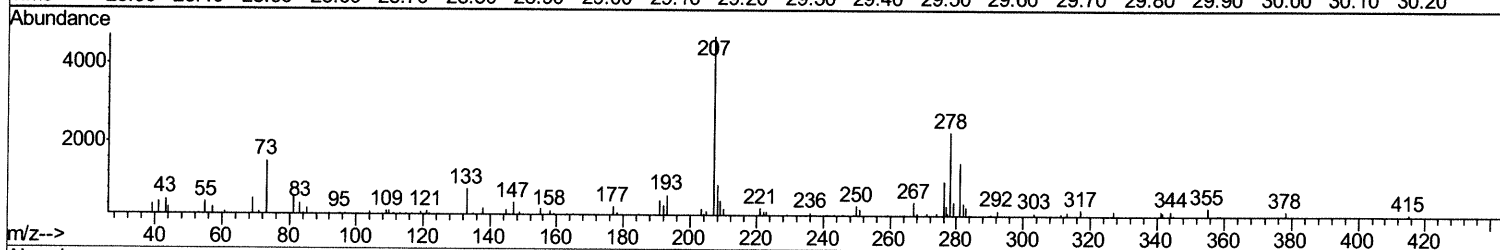
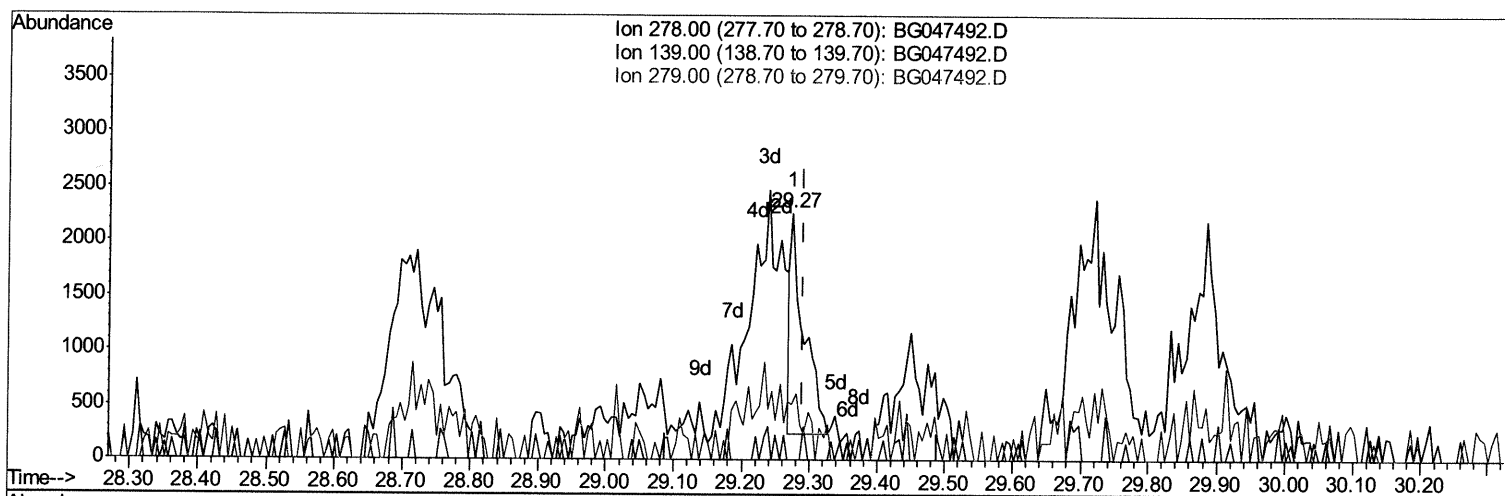
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

(93) Dibenzo(a,h)anthracene

29.273min (-0.015) 0.21ng/ul

response 2692

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	0.00#
279.00	22.70	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

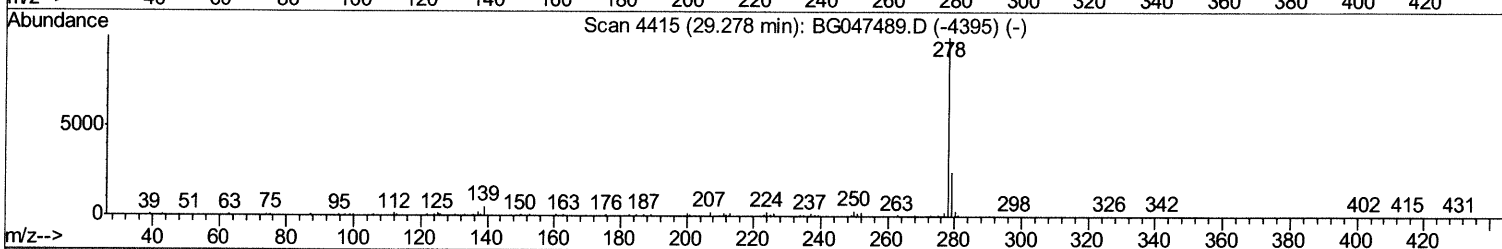
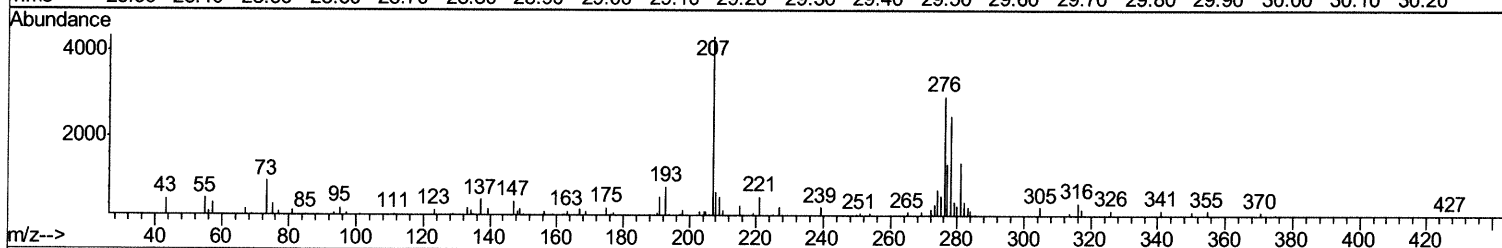
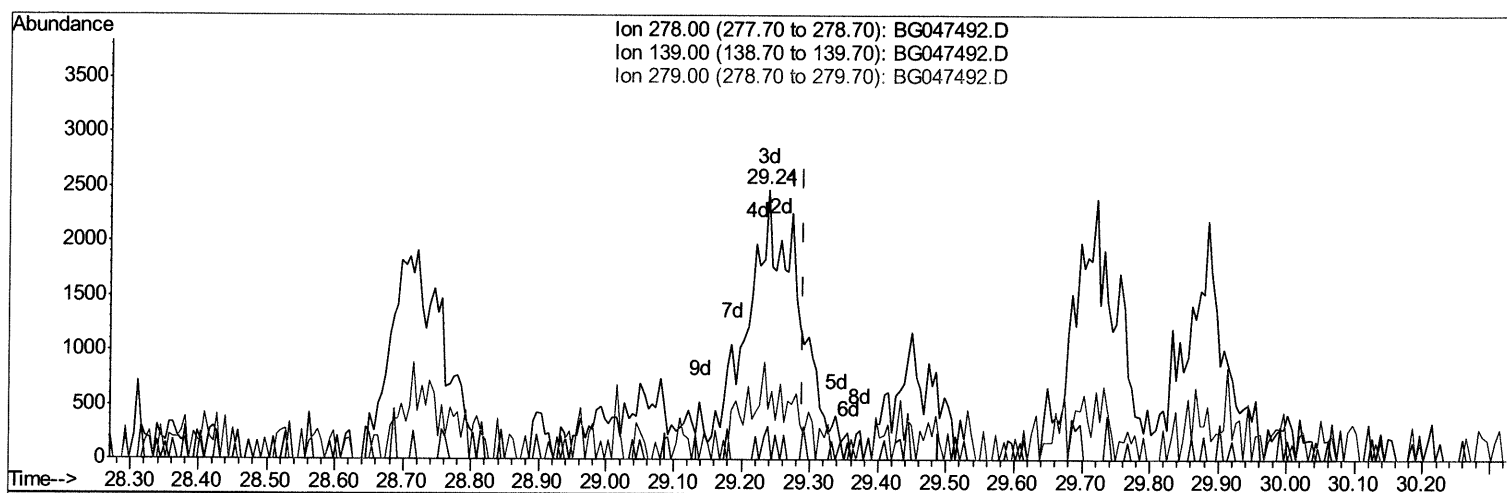
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

(93) Dibenzo(a,h)anthracene

29.238min (-0.051) 1.02ng/ul m 12/04/20 JU

response 13376

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	12.36#
279.00	22.70	18.75
0.00	0.00	0.00

Quantitation Report (Qedit)

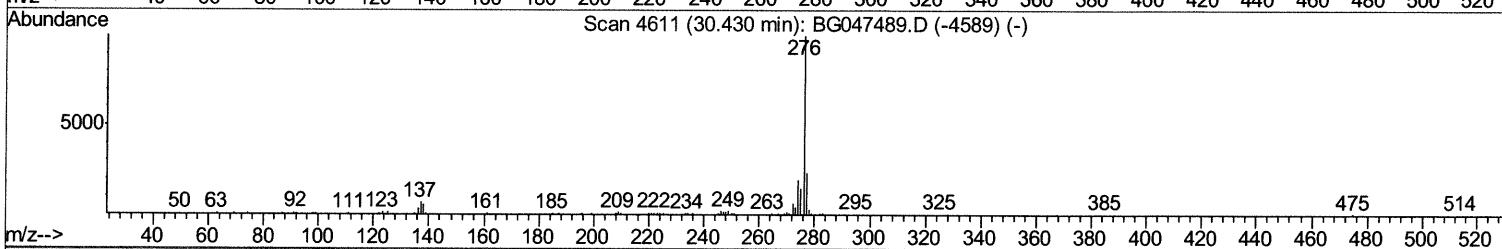
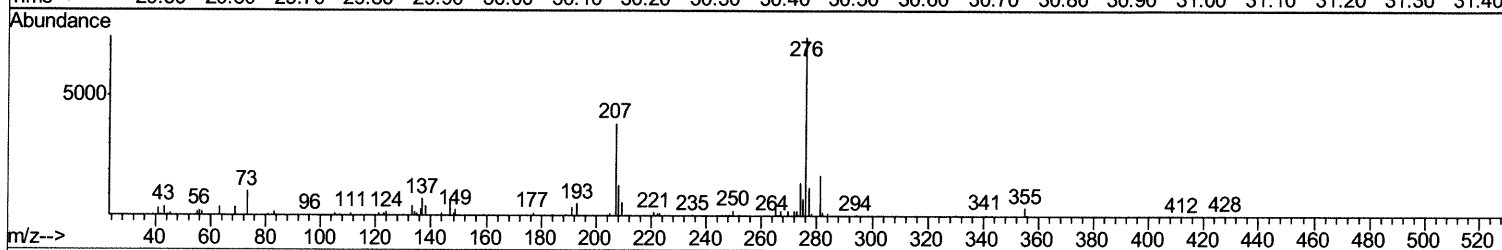
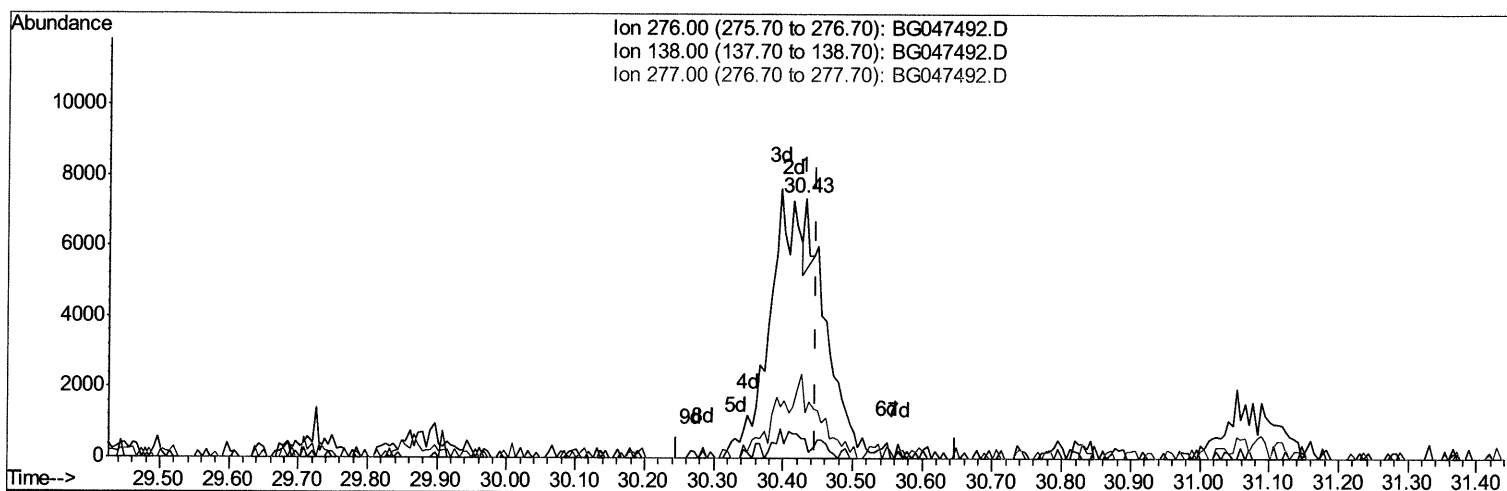
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

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

30.431min (-0.015) 0.07ng/ul

response 876

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

276.00	100	100
--------	-----	-----

138.00	7.20	7.68
--------	------	------

277.00	21.80	17.32#
--------	-------	--------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

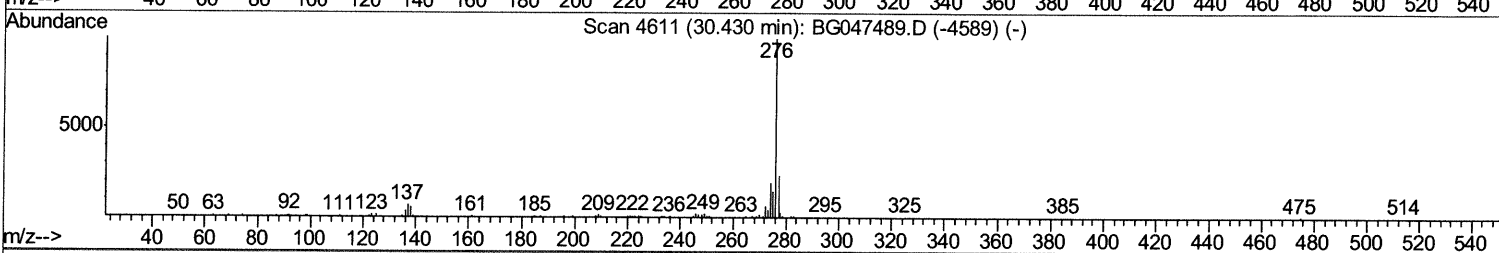
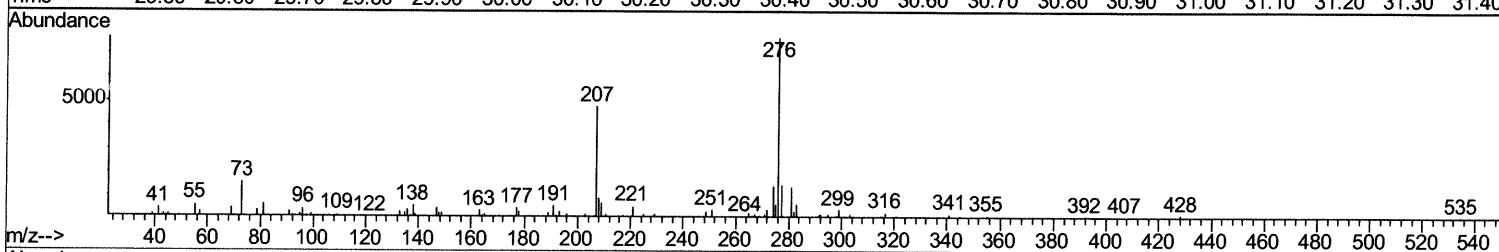
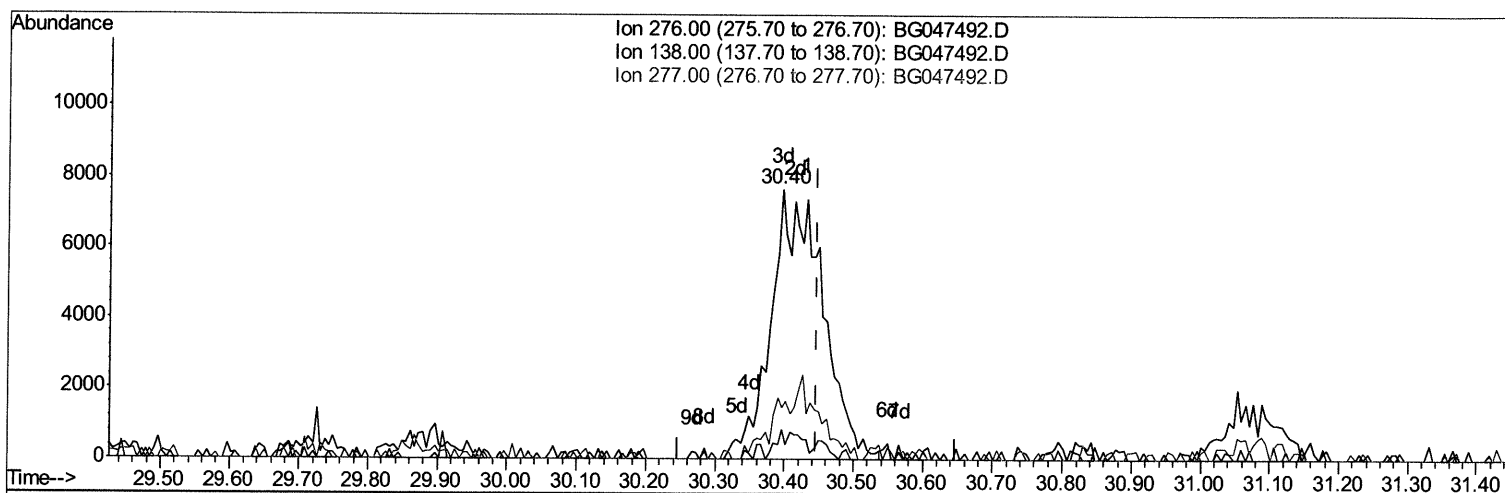
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
Data File : BG047492.D
Acq On : 1 Dec 2020 10:12
Operator : CG/JU
Sample : L4793-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B42

Manual Integrations
APPROVED

mohammad
12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:28:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 01 10:06:47 2020
Response via : Initial Calibration



TIC: BG047492.D

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

30.396min (-0.051) 2.99ng/ul m 12/04/20 JU

response 39455

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	7.76
277.00	21.80	19.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG120120\
 Data File : BG047492.D
 Acq On : 1 Dec 2020 10:12
 Operator : CG/JU
 Sample : L4793-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B42

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:25:44 PM

Quant Time: Dec 01 11:28:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 01 10:06:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	30177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	121243	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	90061	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	216254m>	20.00	ng/ul>	0.00
78) Chrysene-d12	21.89	240	198856	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	208635	20.00	ng/ul	-0.02

12/04/2020

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1767m	2.13	ng/uL	0.00
5) Phenol-d5	7.40	99	38522	12.73	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.58	67	23743	13.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	28827	14.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27037	11.63	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	16046	16.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	19687	18.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	37628	15.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	20887	8.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	120710	15.61	ng/ul	0.00
47) Acenaphthylene-d8	14.57	160	147303	16.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	13156	11.15	ng/ul	0.00
58) Fluorene-d10	15.87	176	114047	16.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	18330m>	14.89	ng/ul>	-0.02
71) Anthracene-d10	17.71	188	178567	16.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	209177	18.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	204747	17.05	ng/ul	0.00

12/04/2020

Target Compounds

					Ovalue	
6) Phenol	7.42	94	12617	4.352	ng/ul#	90
45) Dimethylphthalate	14.31	163	28596	3.626	ng/ul#	93
70) Phenanthrene	17.66	178	16913	1.448	ng/ul	98
77) Fluoranthene	19.65	202	88274m>	5.985	ng/ul>	12/04/2020
80) Pyrene	20.01	202	87721	6.228	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	58632	4.144	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.76	149	17628	2.556	ng/ul#	93
85) Chrysene	21.95	228	58112	4.316	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	92326m>	6.268	ng/ul>	12/04/2020
89) Benzo(k)fluoranthene	24.28	252	25236	1.738	ng/ul#	90
91) Benzo(a)pyrene	25.14	252	63151	4.809	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.19	276	45596m	2.854	ng/ul	12/04/2020
93) Dibenzo(a,h)anthracene	29.24	278	13376m	1.021	ng/ul	
94) Benzo(g,h,i)perylene	30.40	276	39455m	2.993	ng/ul	

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