

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
 Data File : BG027547.D
 Acq On : 20 Jun 2017 2:56
 Operator : SJ/MA
 Sample : I3627-13 25X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

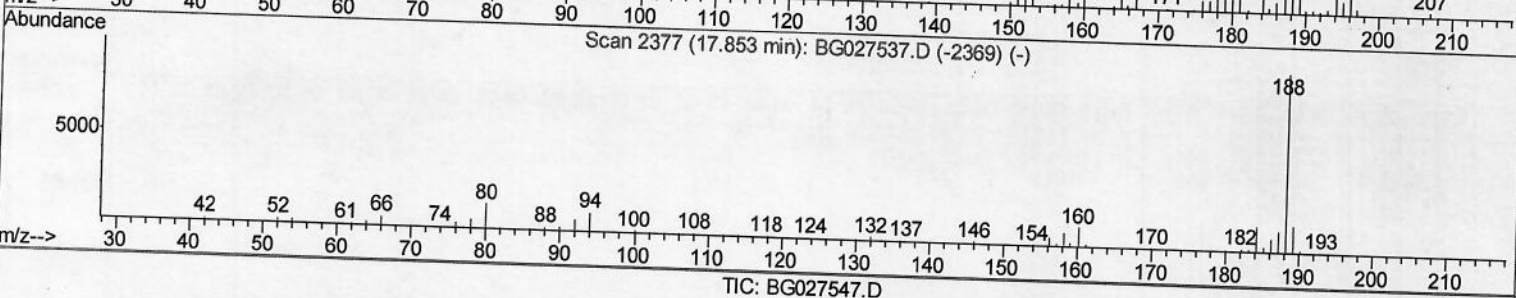
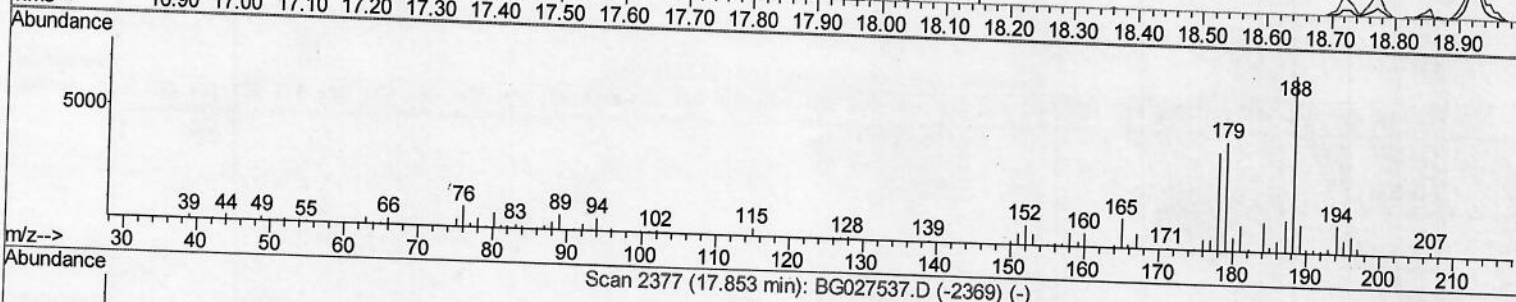
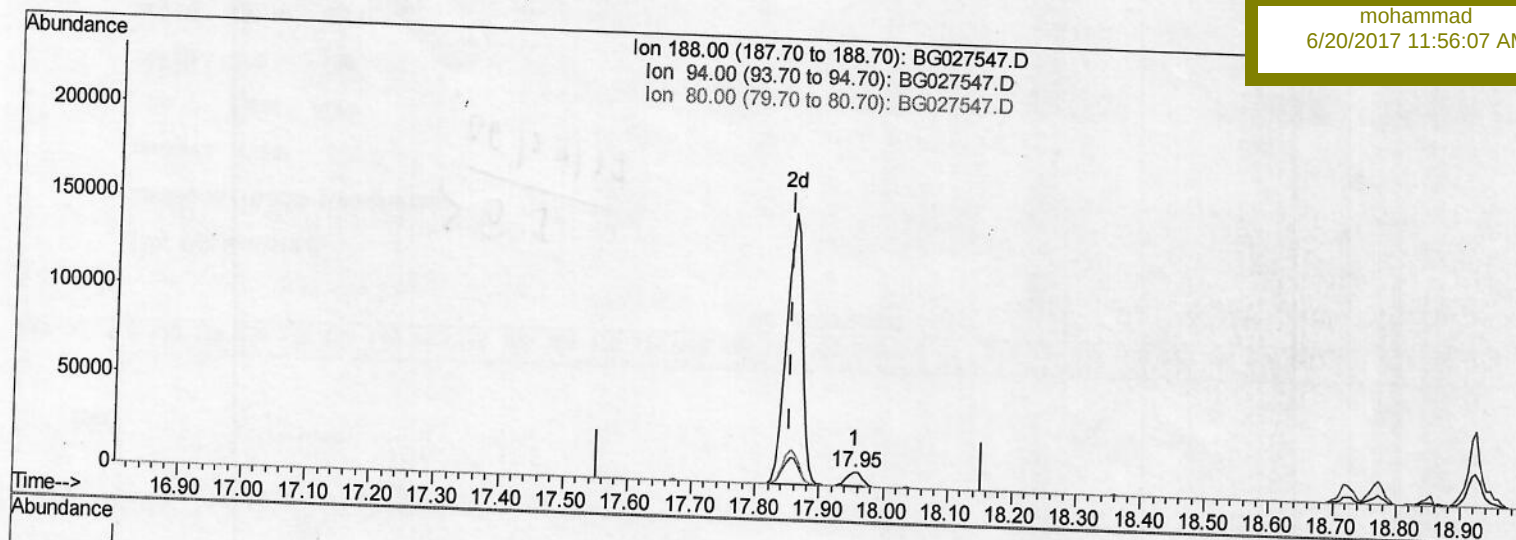
Quantitation Report (Qedit)

Quant Time: Jun 20 03:30:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 F5E24

Manual Integrations
 APPROVED

mohammad
 6/20/2017 11:56:07 AM



(61) Phenanthrene-d10 (I)

17.954min (+0.102) 20.00ng/ul

response 12898

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.91
80.00	9.50	9.89
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

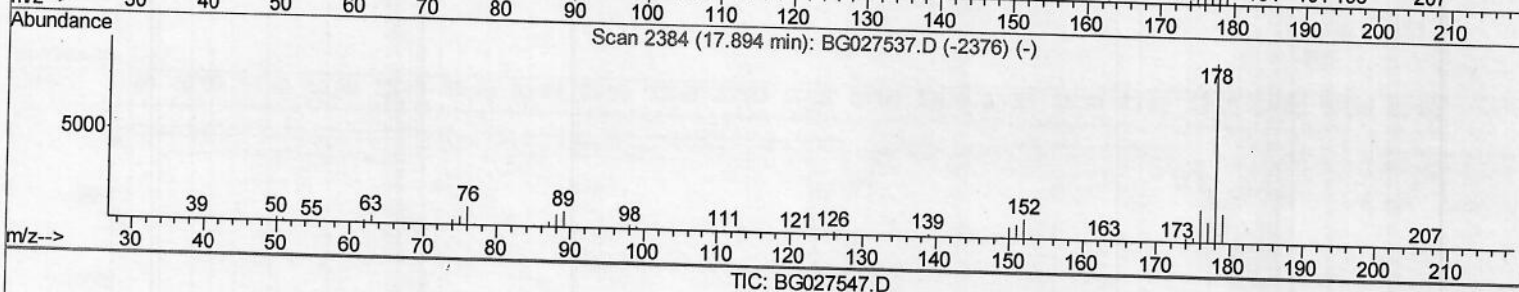
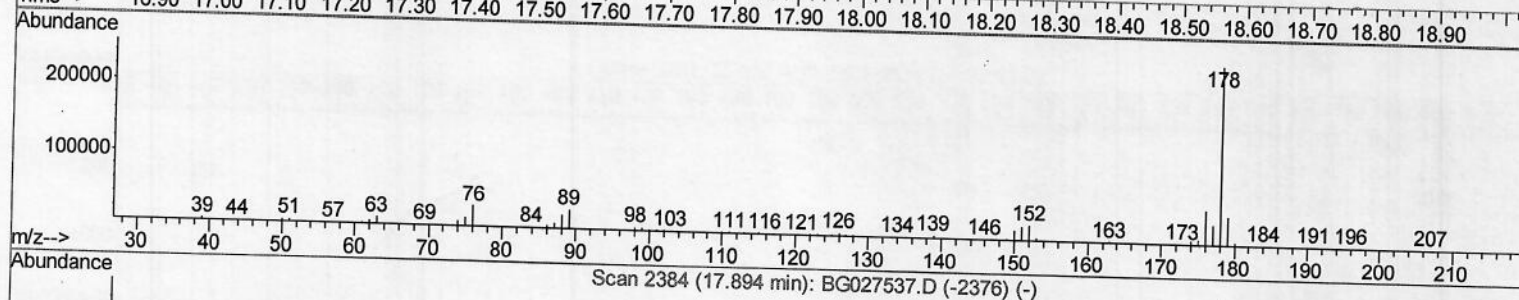
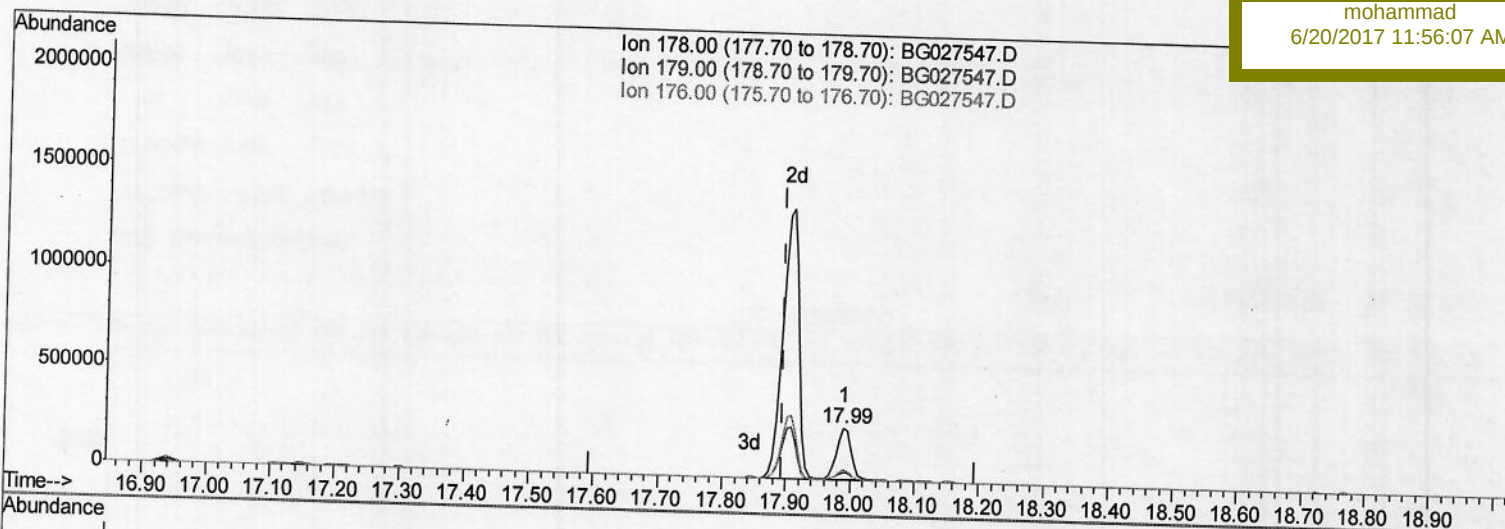
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E24

Quant Time: Jun 20 03:50:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Manual Integrations
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(69) Phenanthrene

17.989min (+0.096) 29.16ng/ul

response 392238

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.59
176.00	20.60	19.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
 Data File : BG027547.D
 Acq On : 20 Jun 2017 2:56
 Operator : SJ/MA
 Sample : I3627-13 25X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

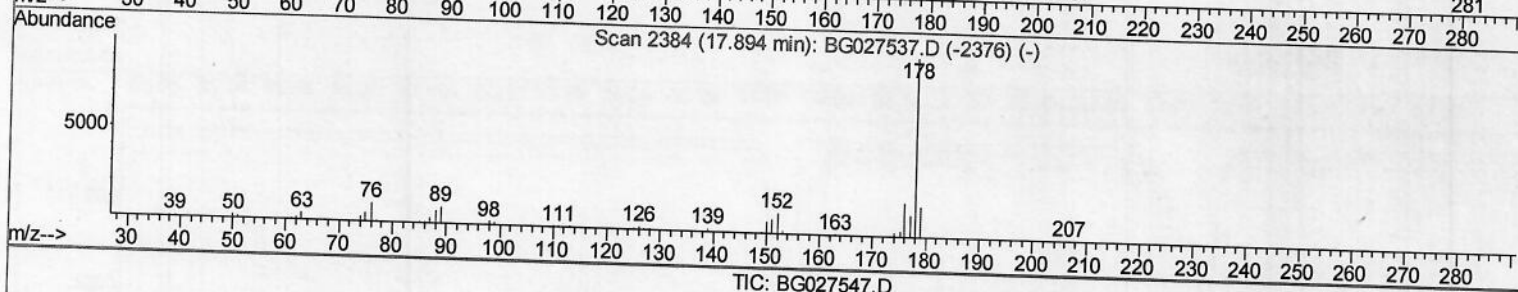
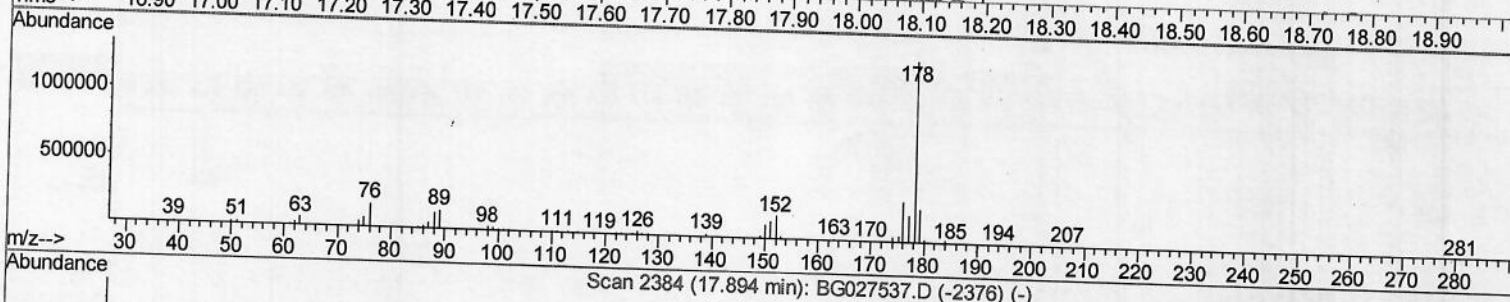
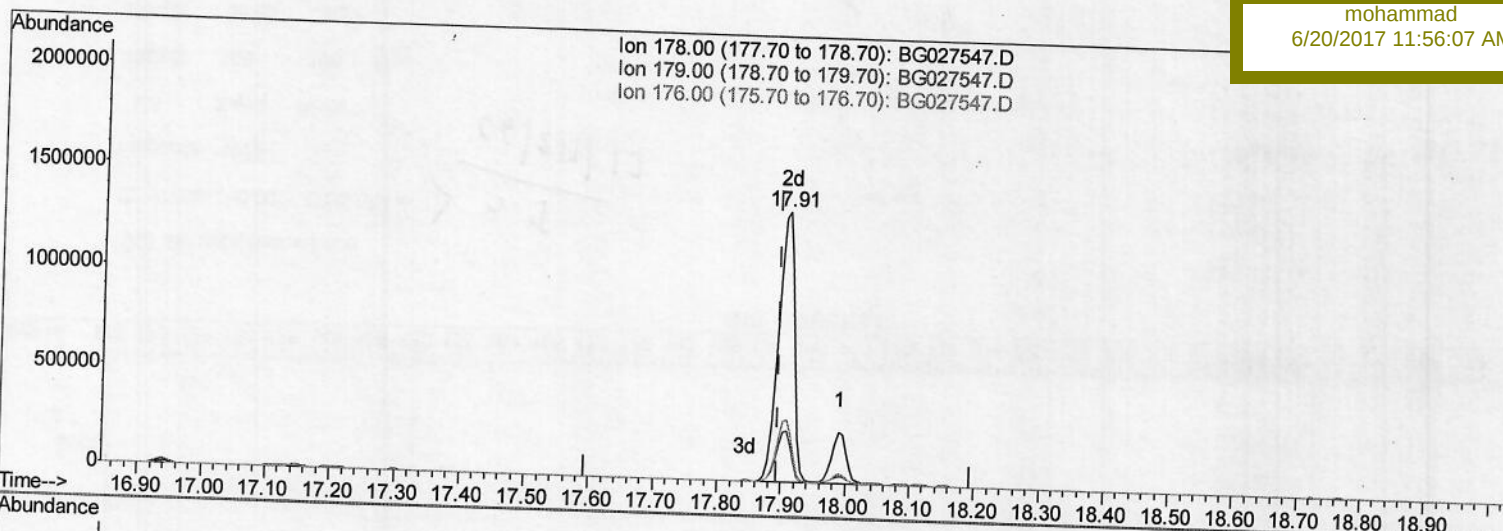
Quantitation Report (Qedit)

Quant Time: Jun 20 03:50:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 F5E24

Manual Integrations
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TIC: BG027547.D

(69) Phenanthrene

17.907min (+0.013) 177.13ng/ul m

response 2382570

5.3
 06/30/2017

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	18.65#
176.00	20.60	22.74
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

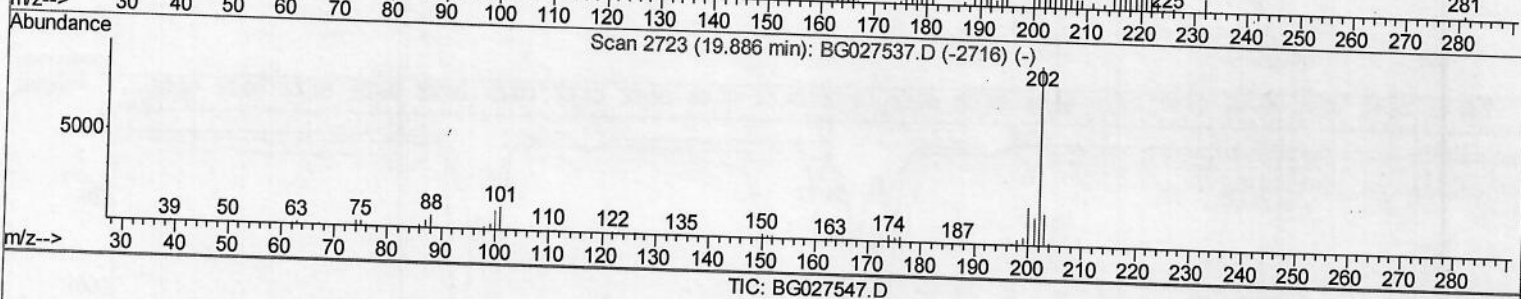
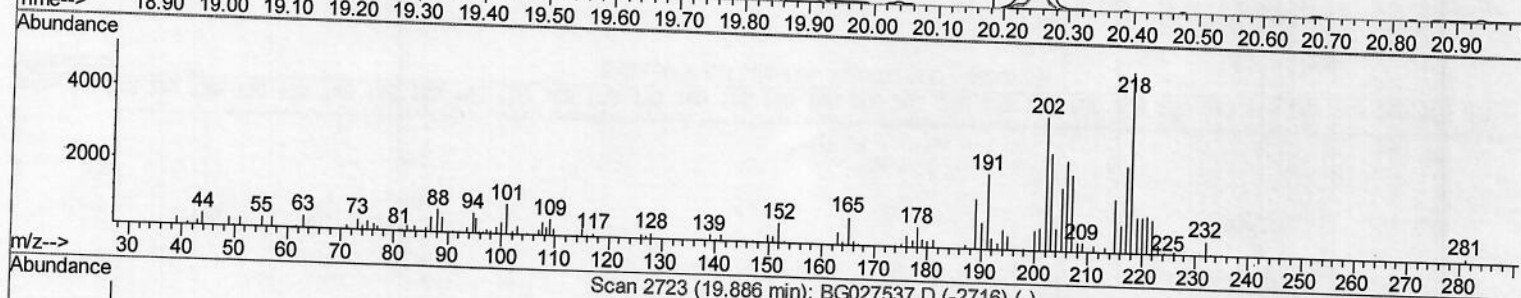
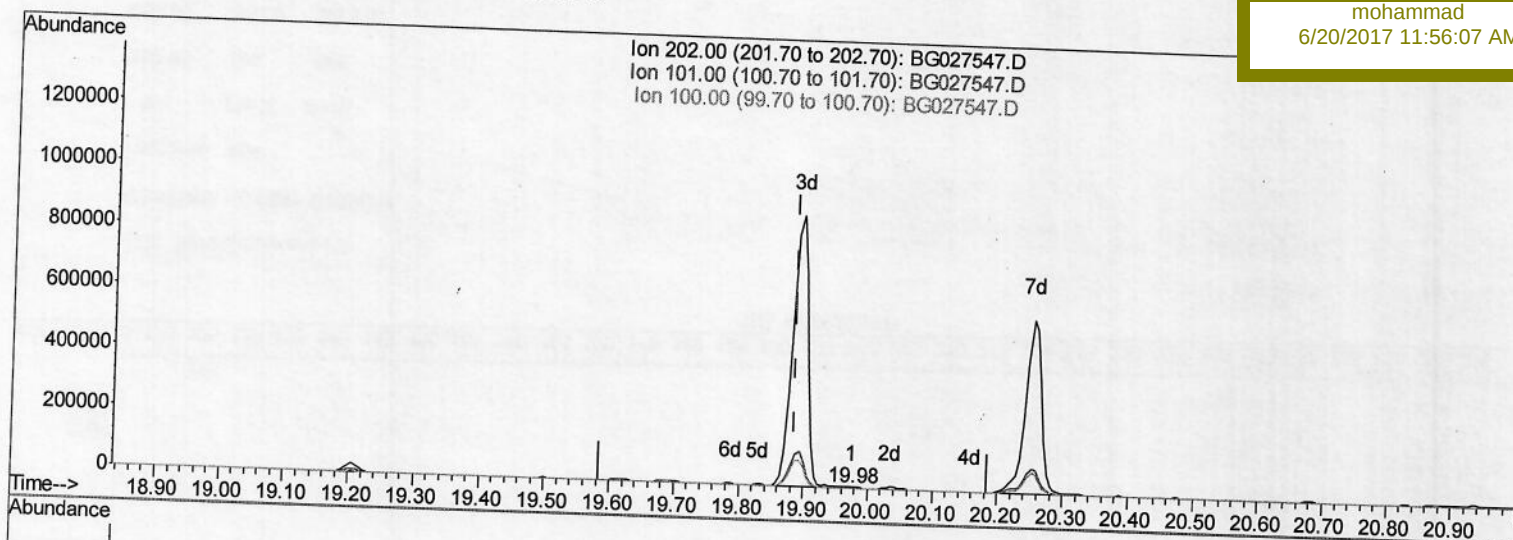
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E24

Manual Integrations
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Quant Time: Jun 20 03:50:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration



(74) Fluoranthene (C)

19.975min (+0.090) 0.32ng/ul

response 4830

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	25.31#
100.00	6.50	11.59#
0.00	0.00	0.00

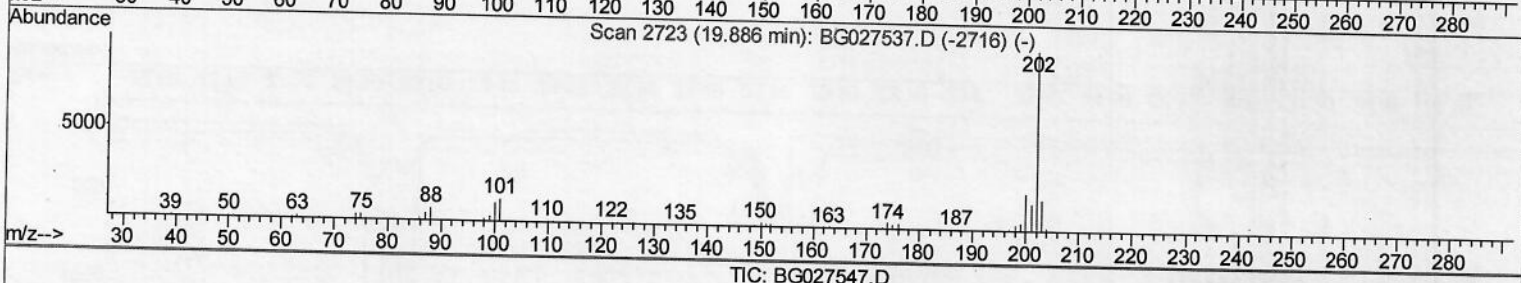
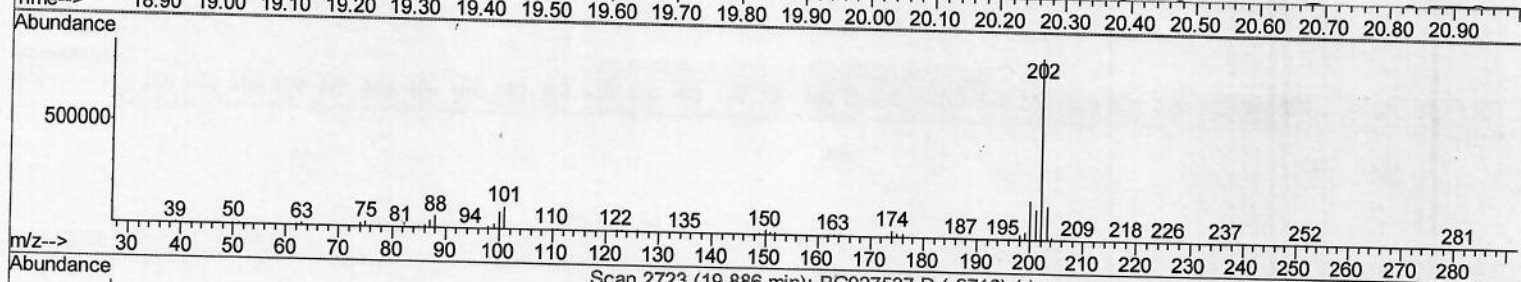
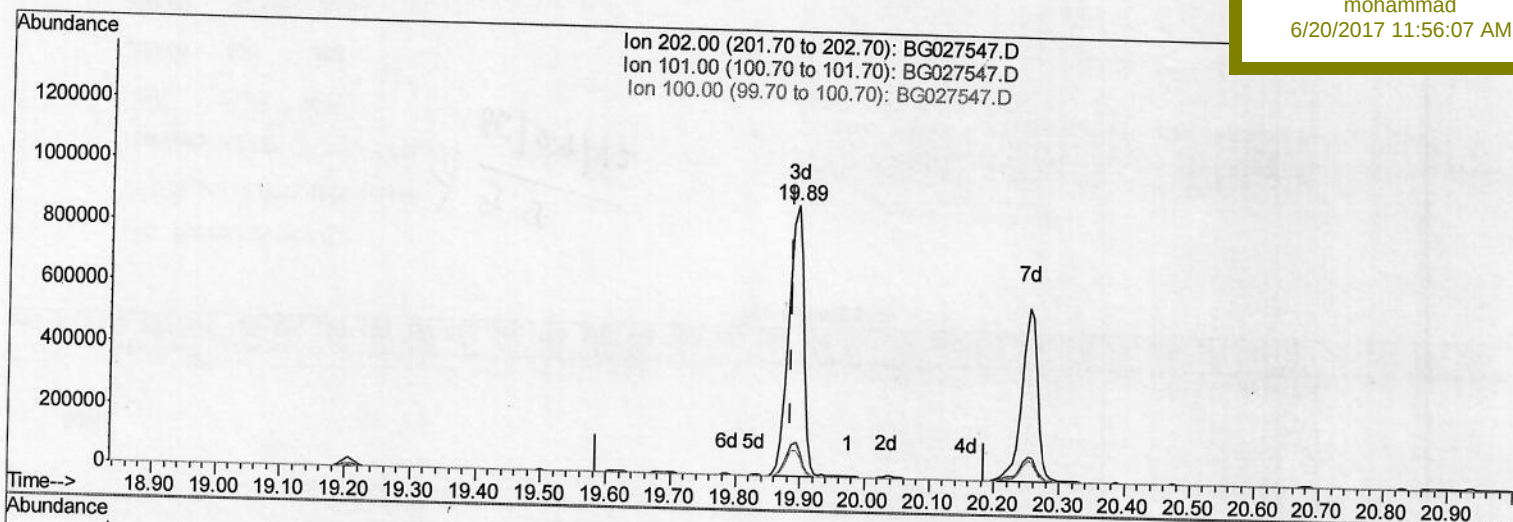
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
 Quantitation Report (Qedit)
 Data File : BG027547.D
 Acq On : 20 Jun 2017 2:56
 Operator : SJ/MA
 Sample : I3627-13 25X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:50:00 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 F5E24

Manual Integrations
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(74) Fluoranthene (C)

19.893min (+0.008) 93.53ng/ul m

response 1415539

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	12.55#
100.00	6.50	9.74#
0.00	0.00	0.00

> S-J
 06/30/2017

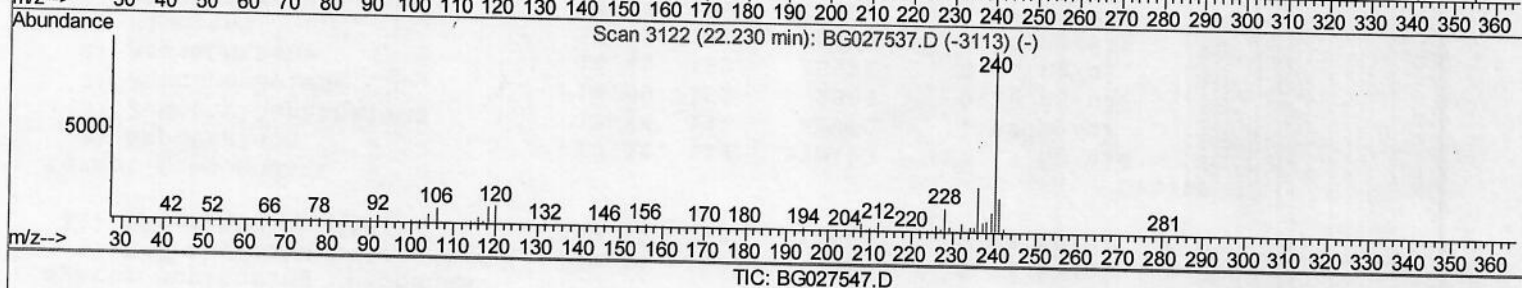
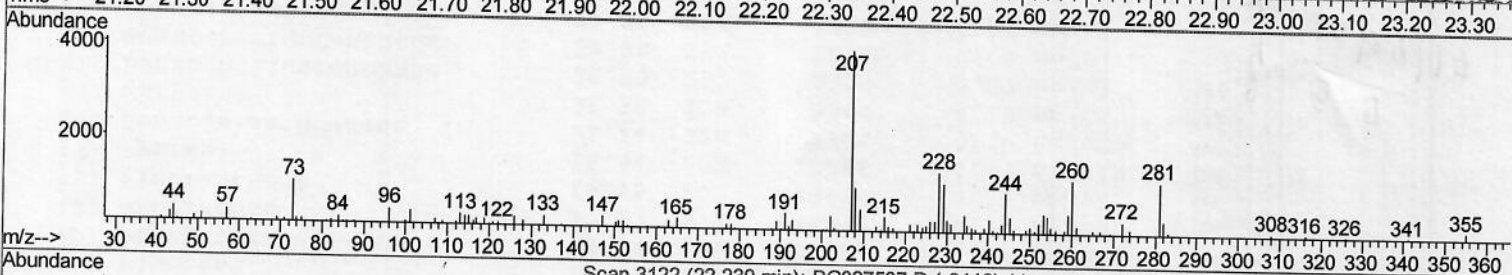
Quantitation Report (Qedit)

ALS Vial : 26 Sample Multiplier: 1

Response via : Initial Calibration

F5E24

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0.00	0.00	0.00
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Qedit)

Data File : BG027547.D

Acq On : 20 Jun 2017 2:56

Operator : SJ/MA

Sample : I3627-13 25X

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:50:00 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

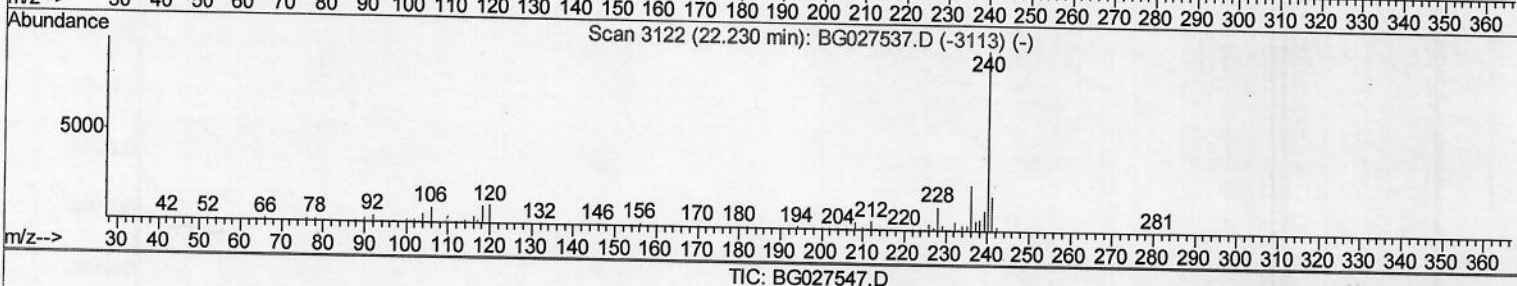
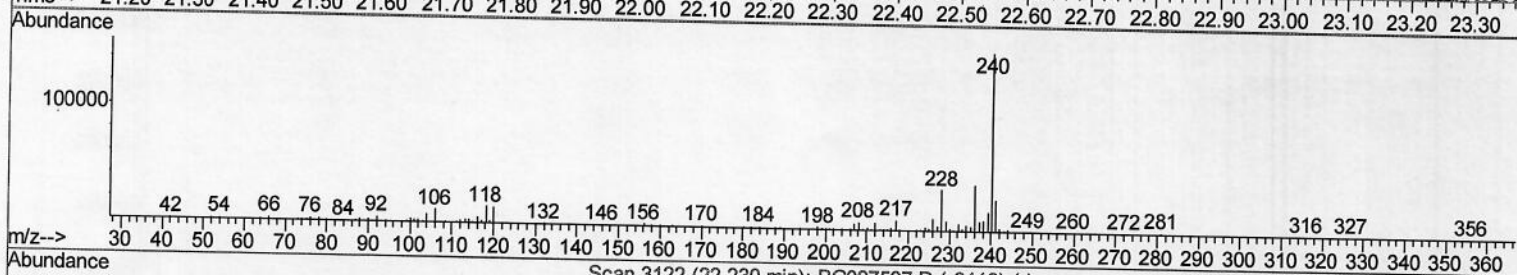
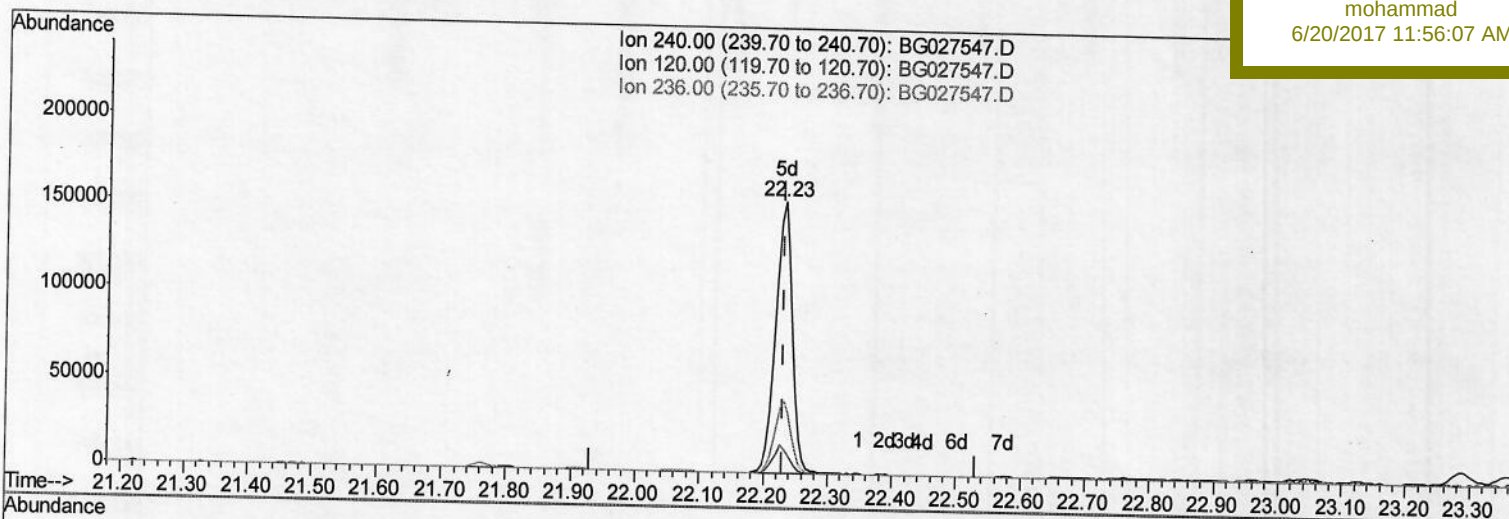
F5E24

Manual Integrations

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(75) Chrysene-d12 (I)

22.232min (+0.002) 20.00ng/ul m

response 287158

Ion Exp% Act%

240.00 100 100

120.00 6.40 8.71#

236.00 27.90 26.23

0.00 0.00 0.00

> S.J
06/30/2017

Quantitation Report (Qedit)

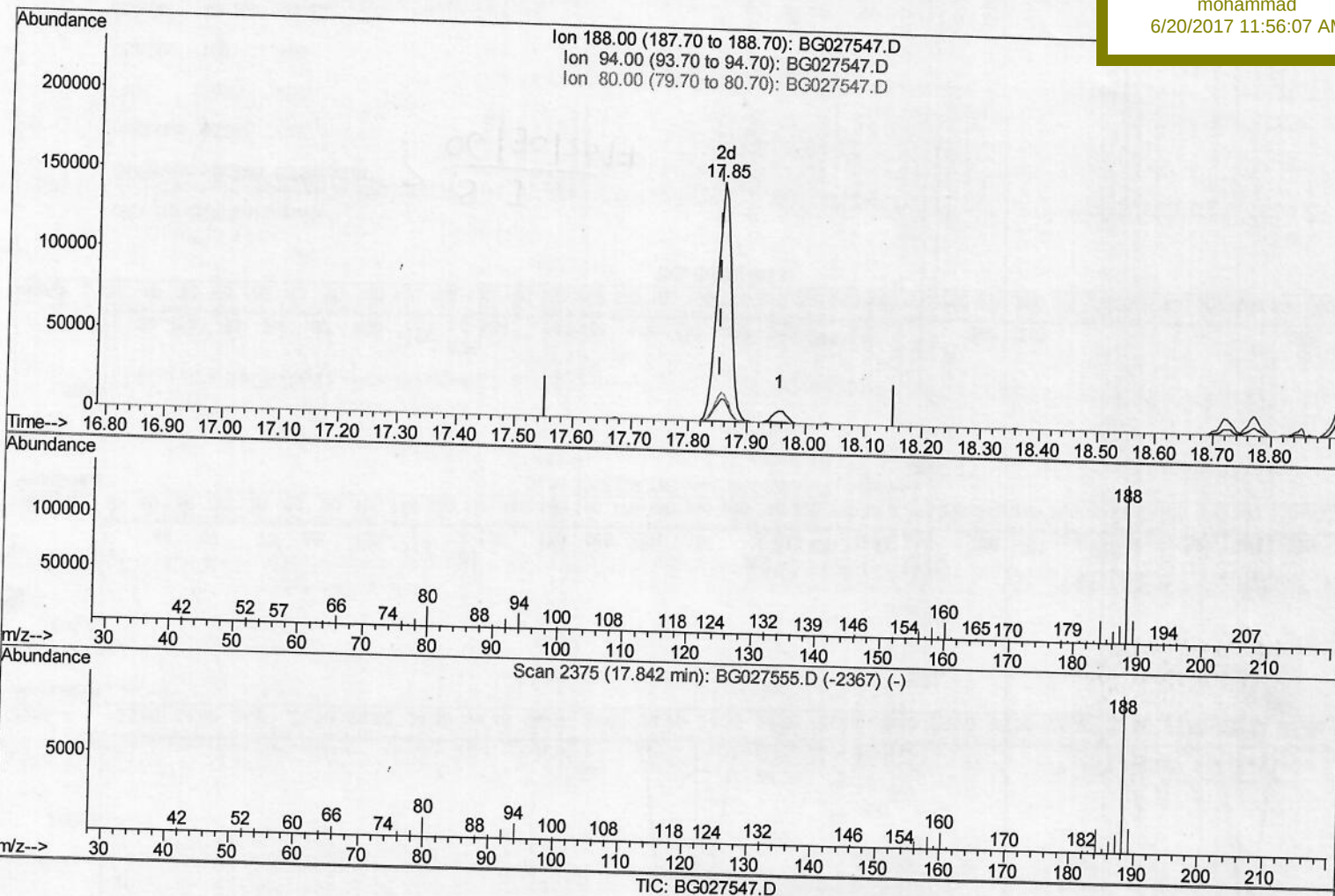
Data Path : Z:\HPCHEM1\BNA_G\Data\BG061917\
 Data File : BG027547.D
 Acq On : 20 Jun 2017 2:56
 Operator : SJ/MA
 Sample : I3627-13 25X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5E24

Quant Time: Jun 20 03:52:26 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Manual Integrations
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(61) Phenanthrene-d10 (I)

17.854min (+0.002) 20.00ng/ul m

response 250302

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.68
80.00	9.50	12.35#
0.00	0.00	0.00

S.J
 06/30/17

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Qedit)

Data File : BG027547.D

Acq On : 20 Jun 2017 2:56

Operator : SJ/MA

Sample : I3627-13 25X

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

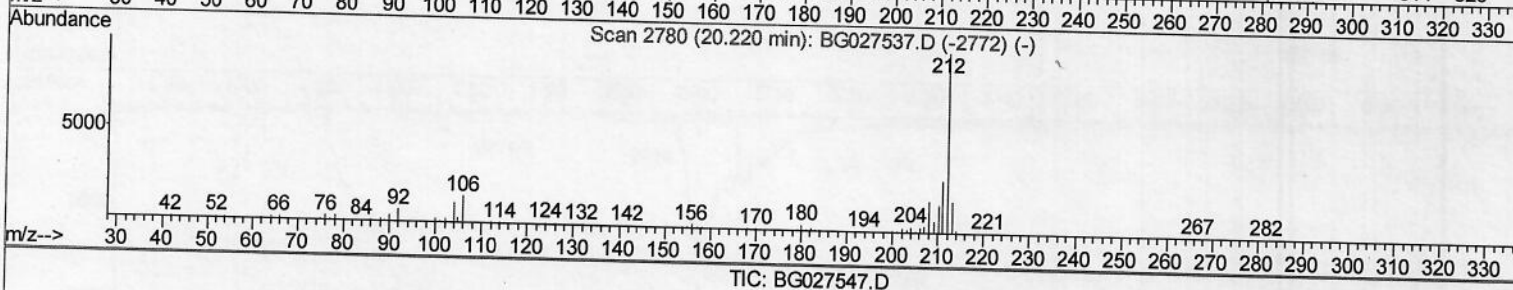
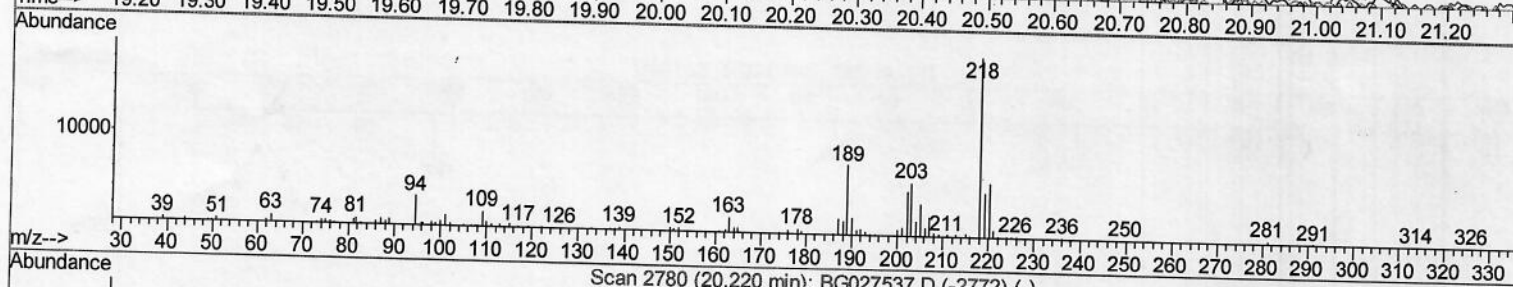
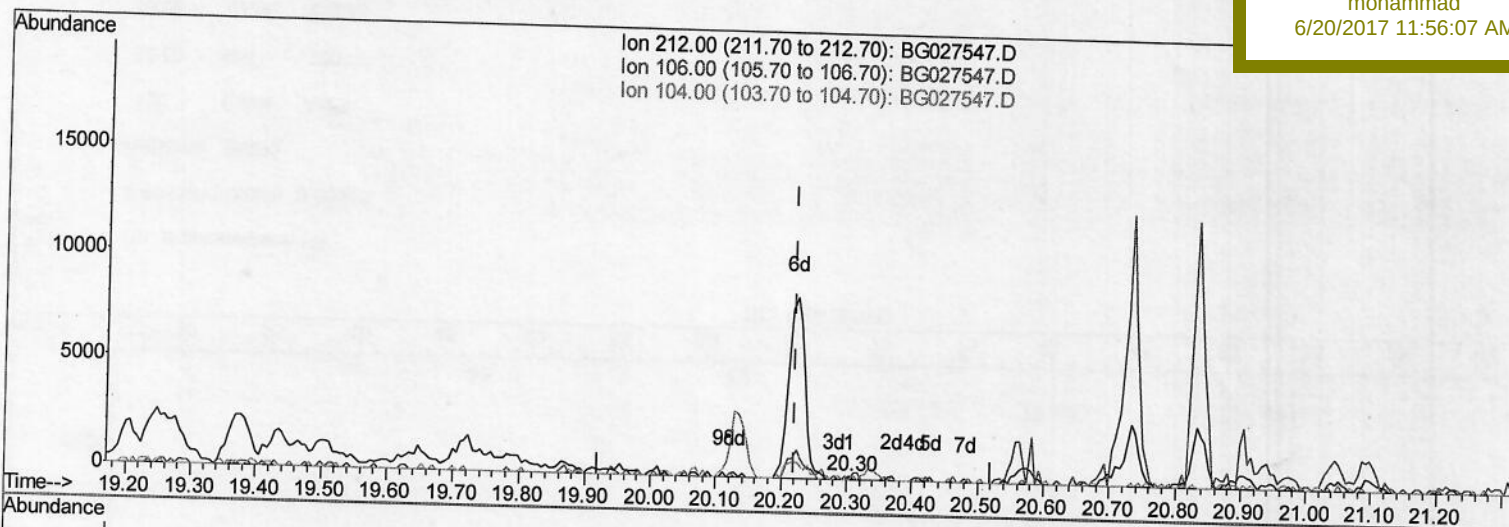
F5E24

Manual Integrations

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(76) Pyrene-d10 (S)

20.304min (+0.084) 0.00ng/ul

response 63

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	132.22#
104.00	6.10	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

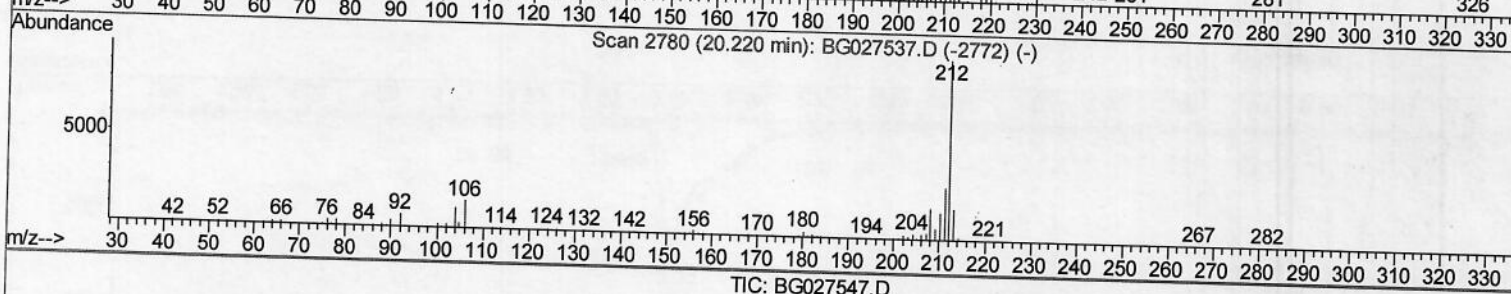
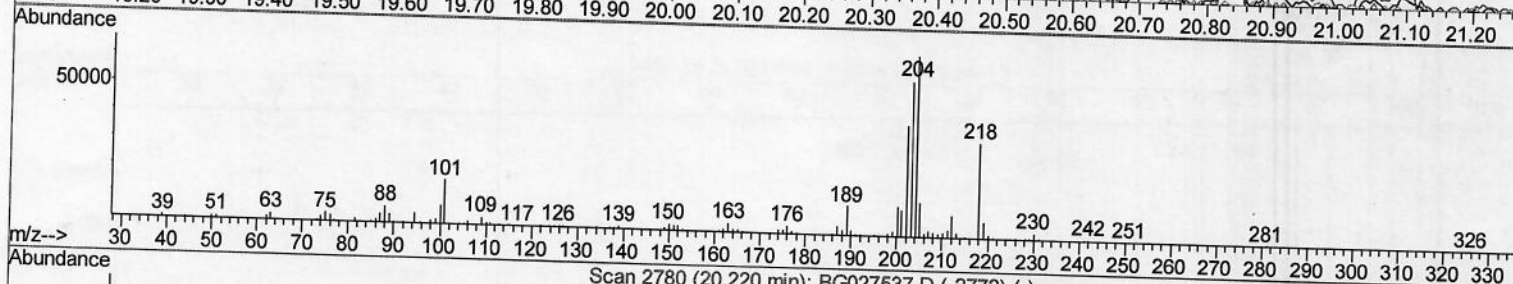
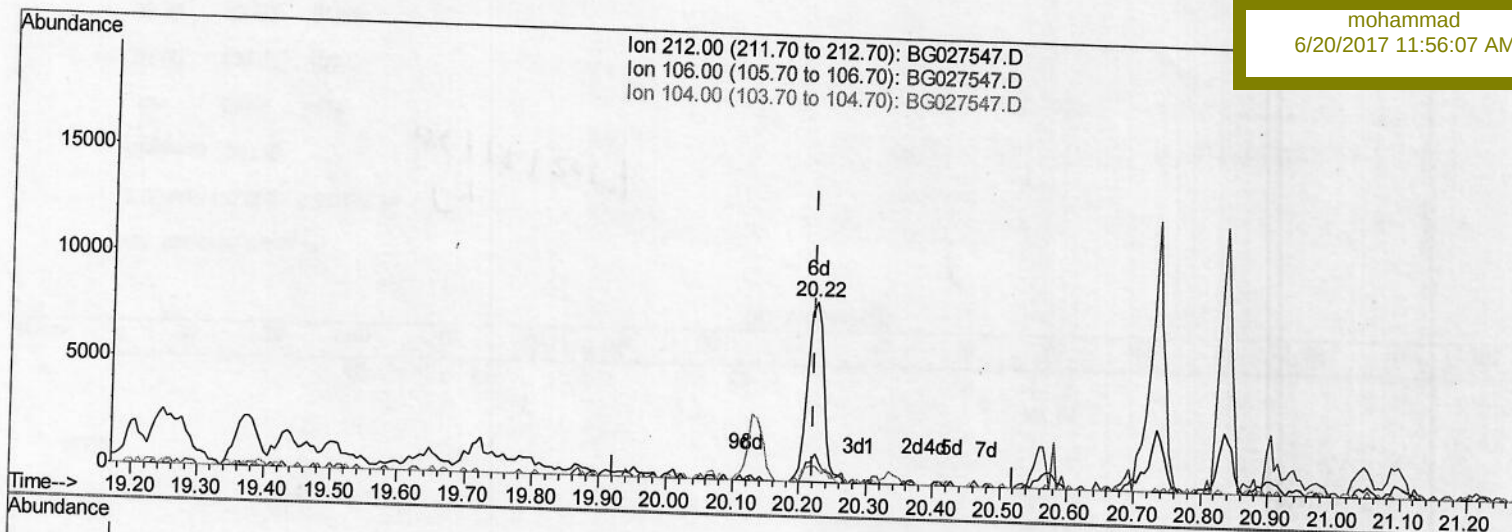
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F5E24

Manual Integrations
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(76) Pyrene-d10 (S)

20.222min (+0.002) 1.02ng/ul m

response 14356

S.J
06/30/2017

Ion	Exp%	Act%
212.00	100	100
106.00	8.60	15.50#
104.00	6.10	8.84#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Qedit)

Data File : BG027547.D

Acq On : 20 Jun 2017 2:56

Operator : SJ/MA

Sample : I3627-13 25X

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

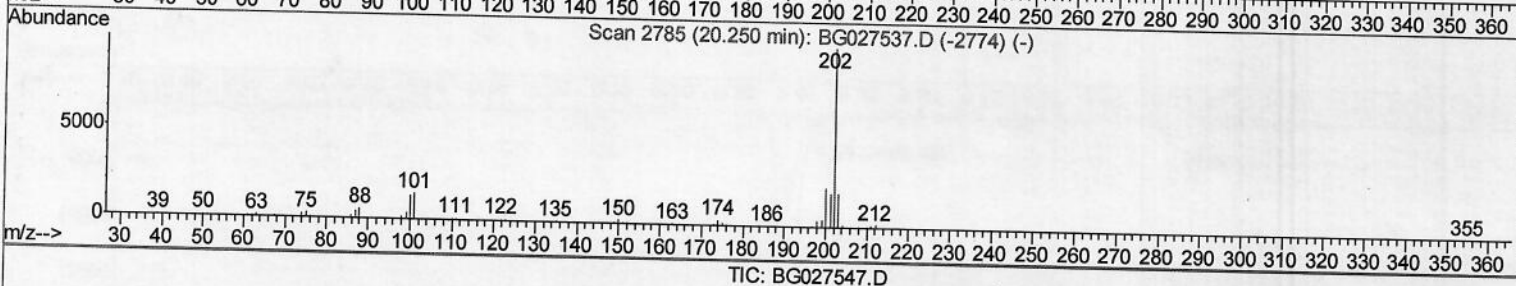
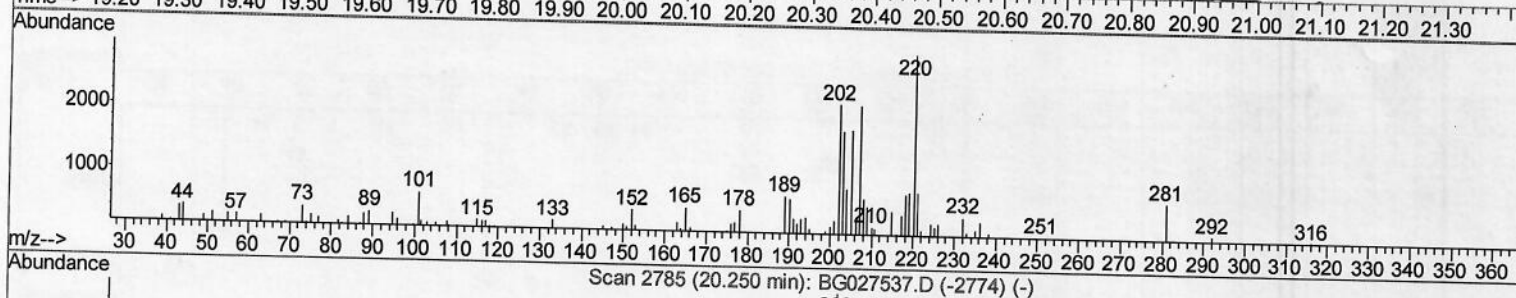
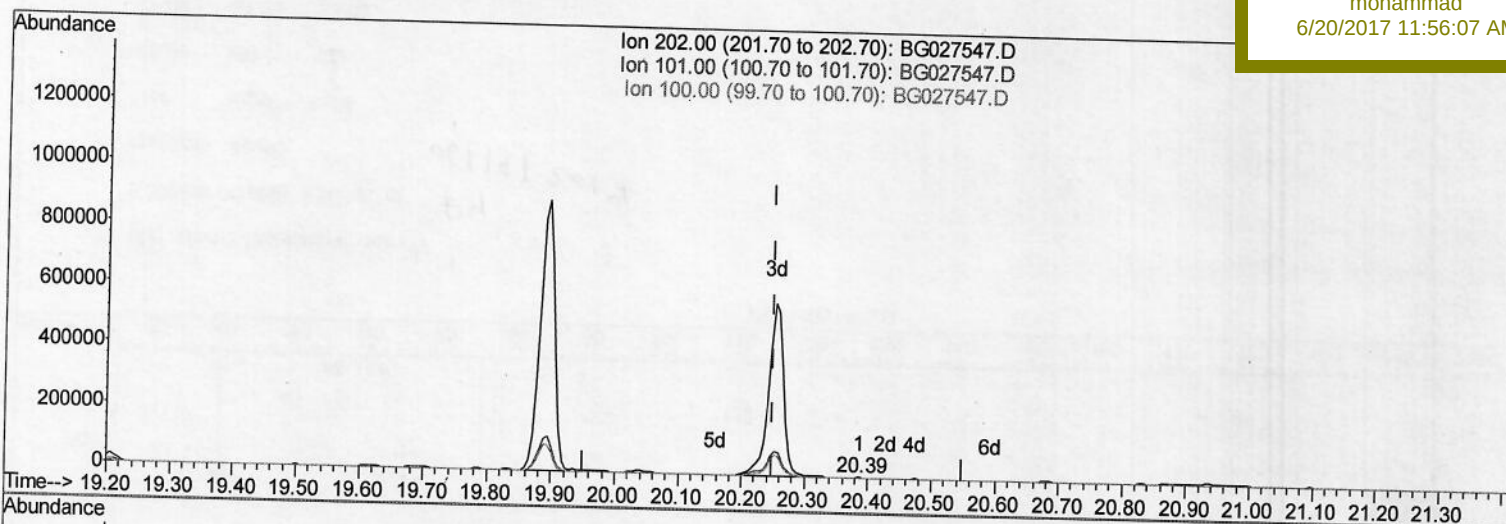
F5E24

Manual Integrations

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(77) Pyrene

20.387min (+0.137) 0.10ng/ul

response 1708

Ion	Exp%	Act%
202.00	100	100
101.00	8.60	41.72#
100.00	8.30	8.16
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

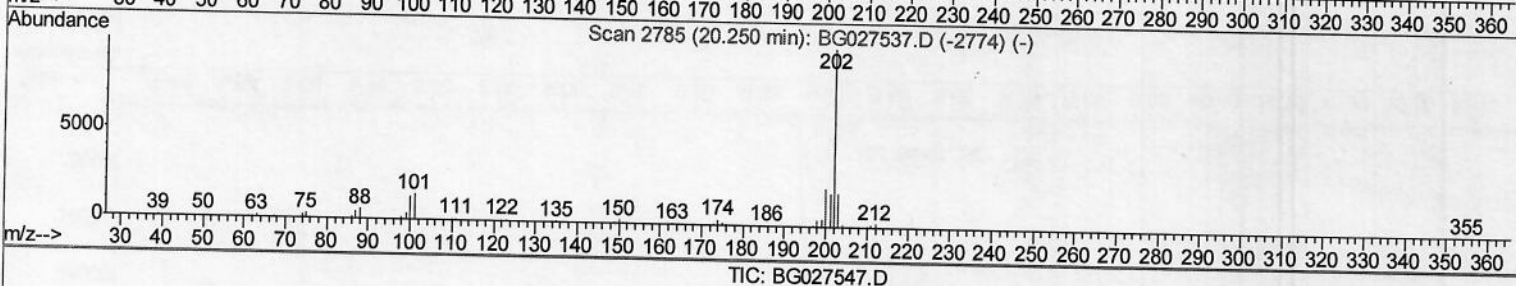
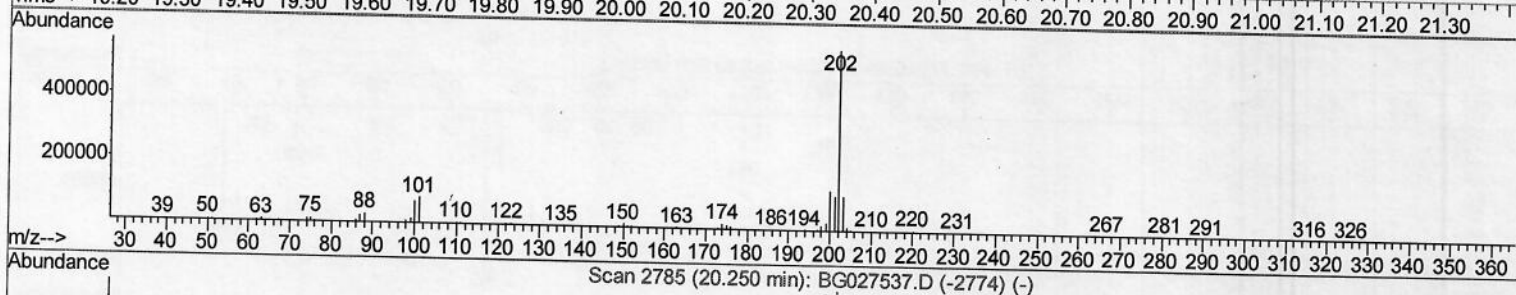
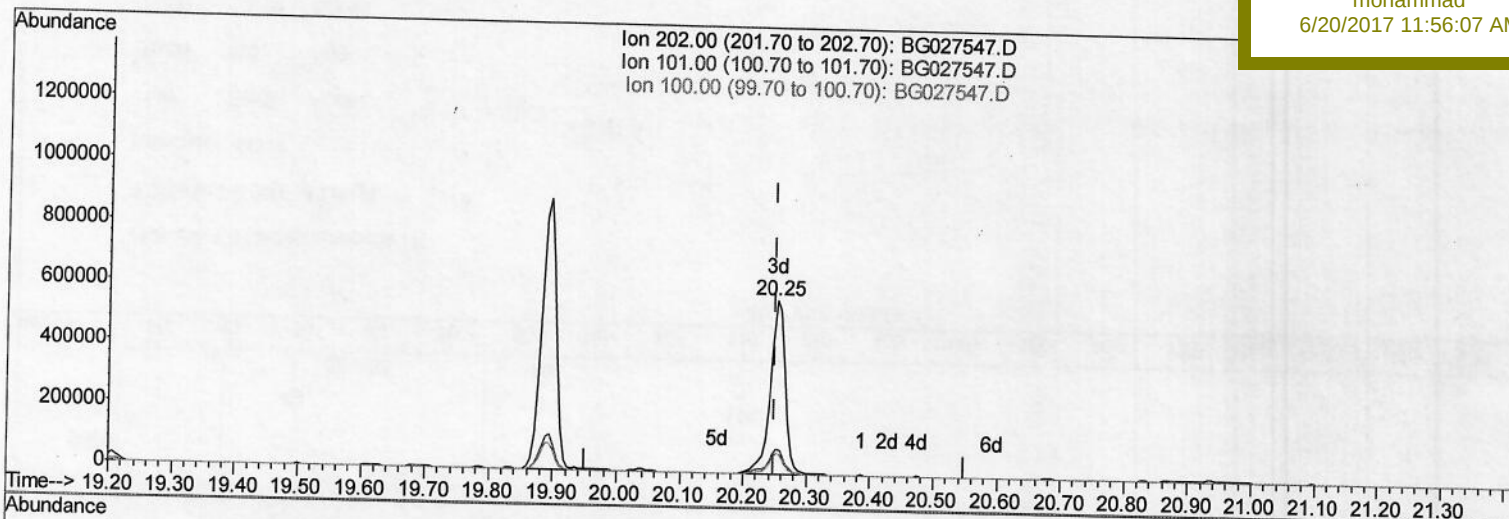
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F5E24

Manual Integrations
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(77) Pyrene

20.252min (+0.002) 55.97ng/ul m

response 950012

Ion Exp% Act%

202.00 100 100

101.00 8.60 14.20#

100.00 8.30 12.25#

0.00 0.00 0.00

> 5.5
06/30/2017

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Qedit)

Data File : BG027547.D

Acq On : 20 Jun 2017 2:56

Operator : SJ/MA

Sample : I3627-13 25X

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

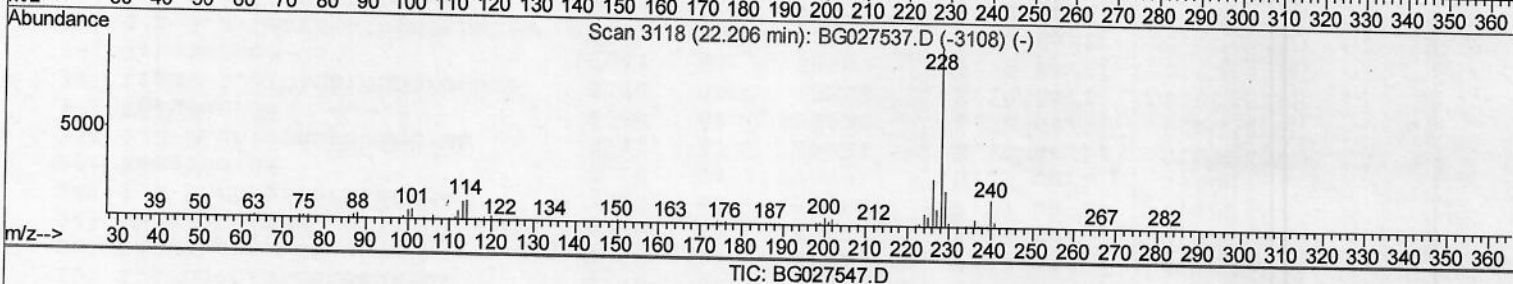
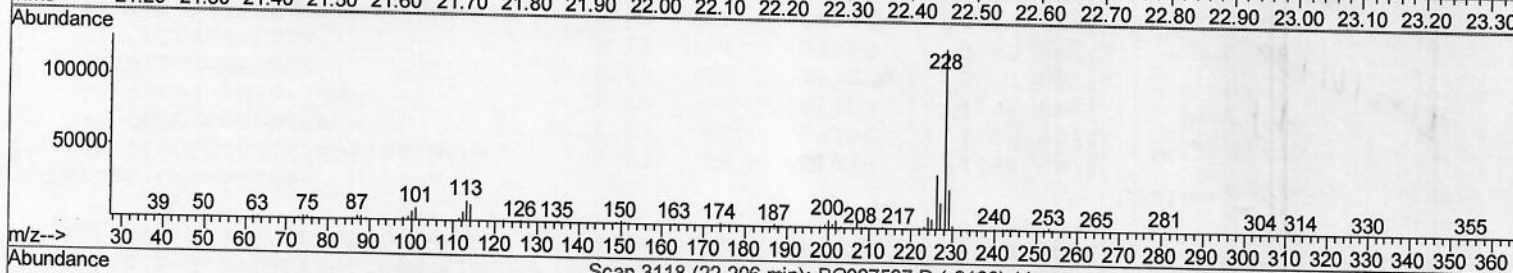
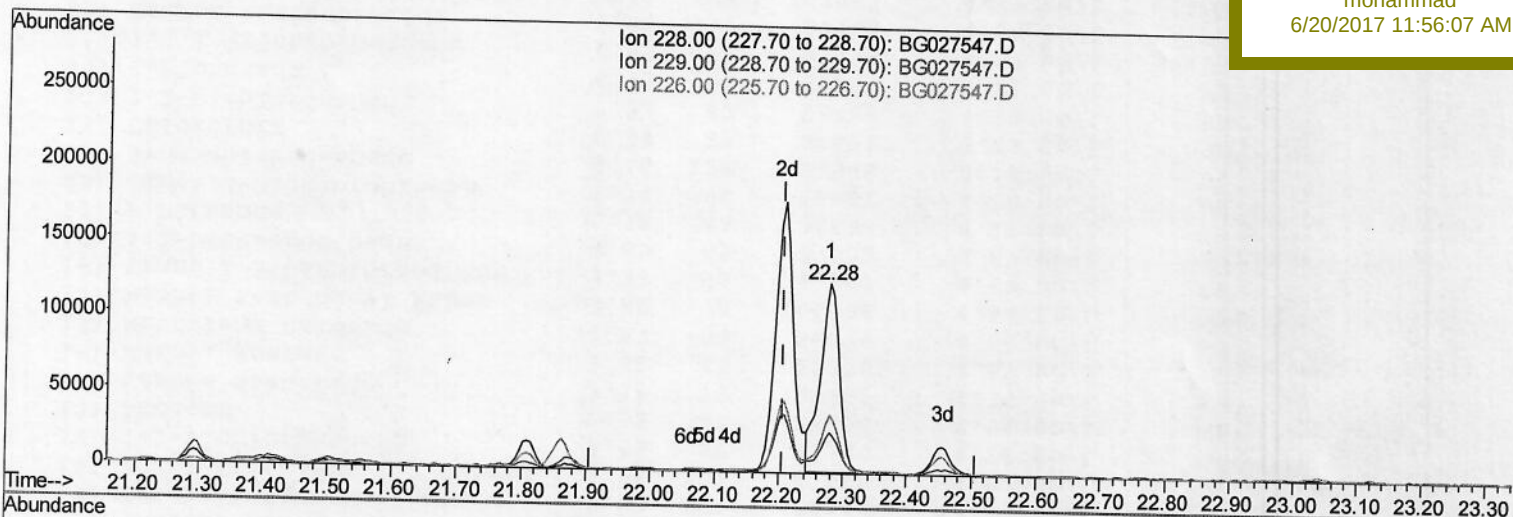
ClientSampleId :

F5E24

Manual Integrations
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TIC: BG027547.D

(80) Benzo(a)anthracene

22.279min (+0.072) 16.49ng/ul

response 263708

Ion	Exp%	Act%
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228.00	100	100
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229.00	20.40	21.71
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226.00	27.40	30.38
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0.00	0.00	0.00
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

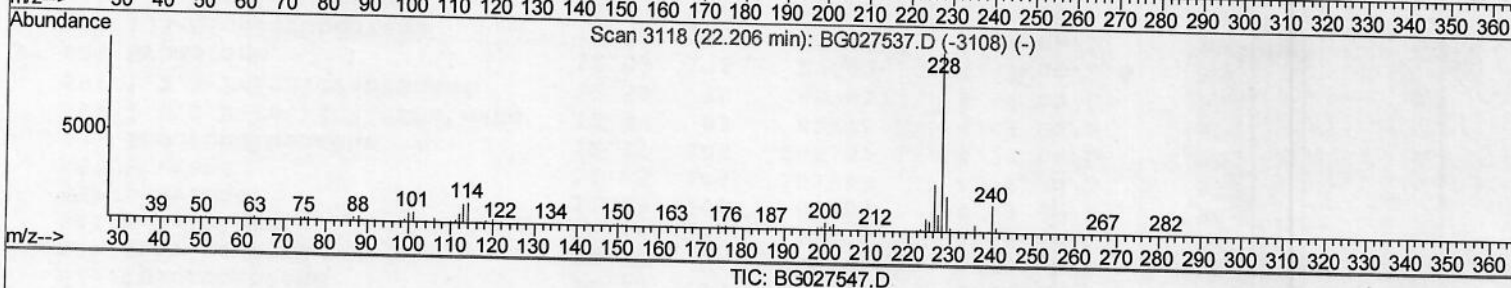
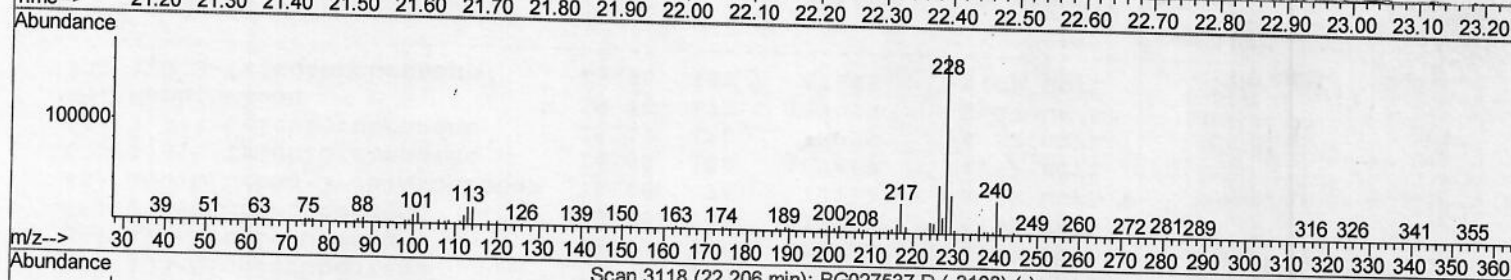
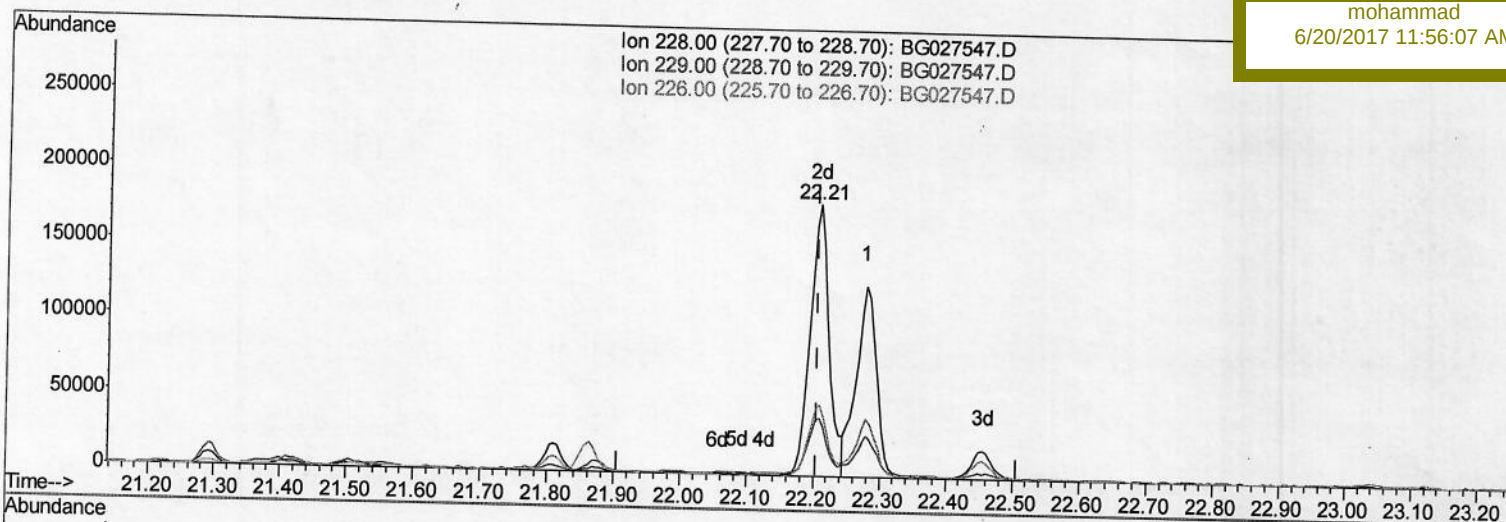
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F5E24

Manual Integrations
APPROVED

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(80) Benzo(a)anthracene

22.208min (+0.002) 22.62ng/ul m

response 361670

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	21.60
226.00	27.40	26.50
0.00	0.00	0.00

> 5.7
06/30/2017

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Quantitation Report (Qedit)

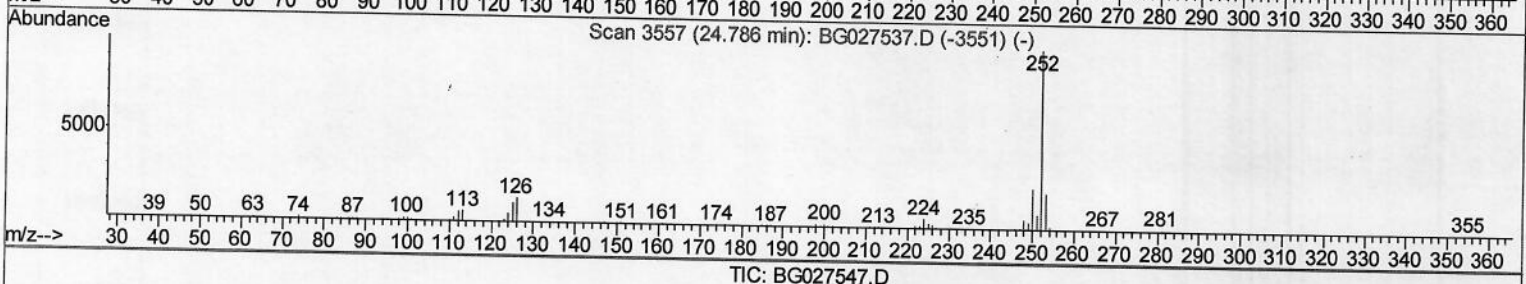
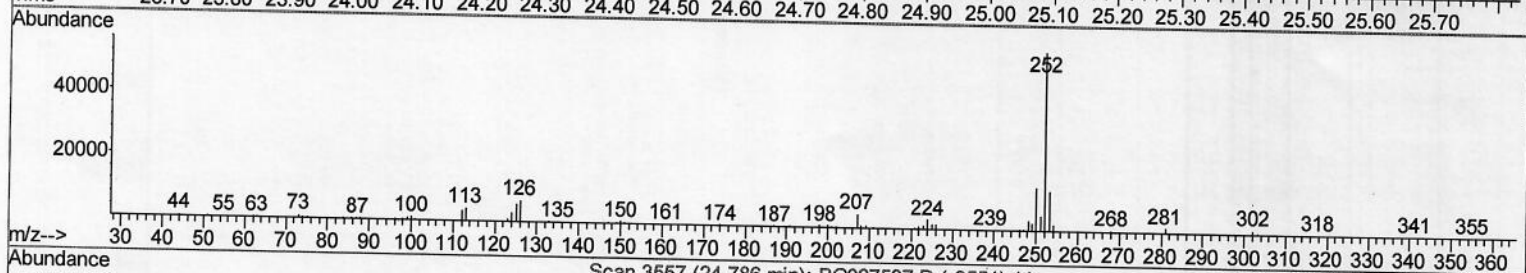
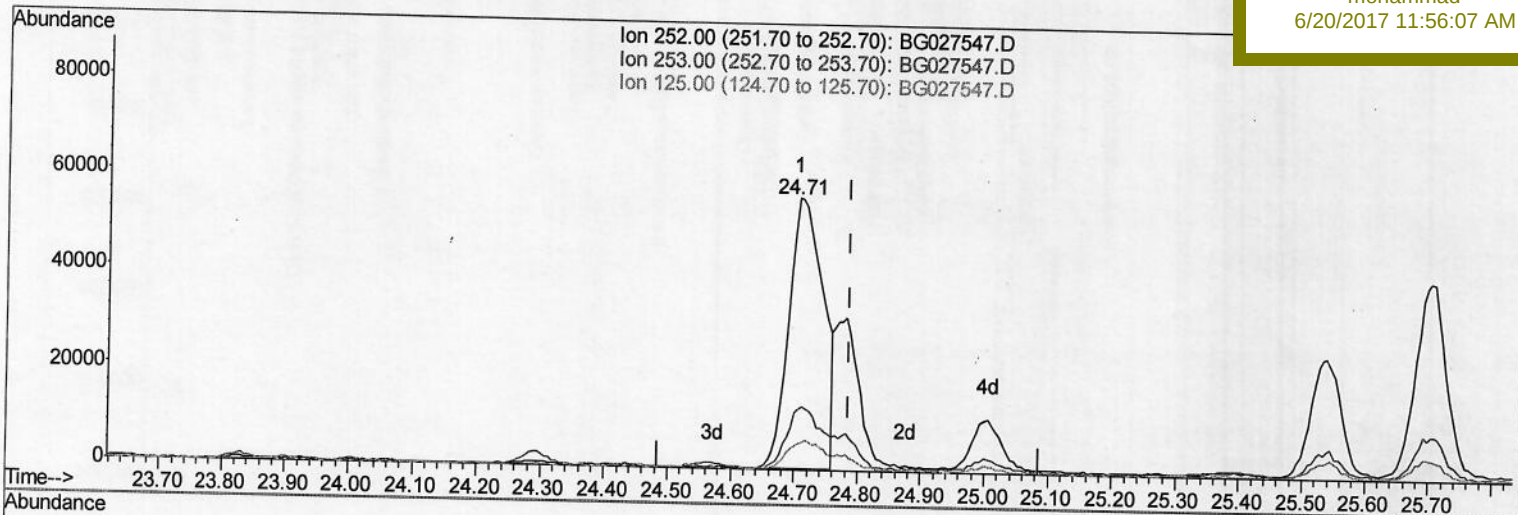
Data File : BG027547.D
Acq On : 20 Jun 2017 2:56
Operator : SJ/MA
Sample : I3627-13 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
F5E24

Manual Integrations
APPROVED

mohammad
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(86) Benzo(k)fluoranthene
24.705min (-0.081) 14.12ng/ul
response 210302

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.39
125.00	5.10	9.68#
0.00	0.00	0.00

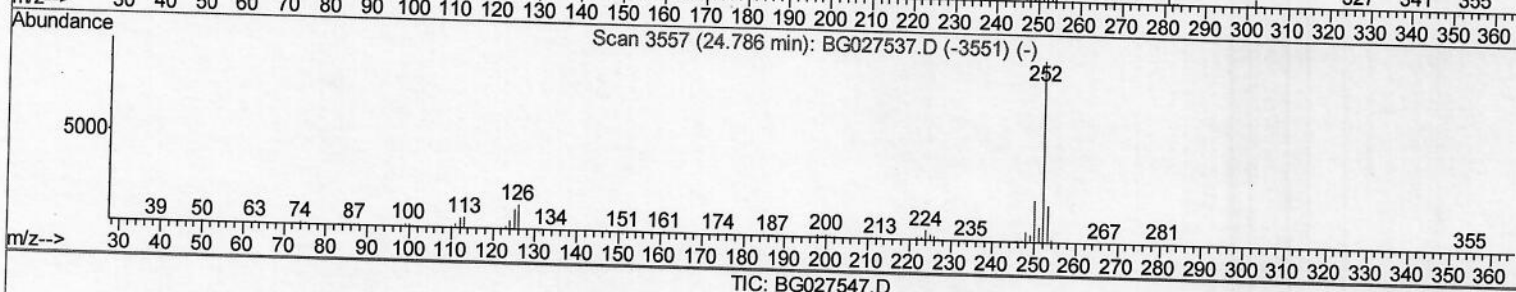
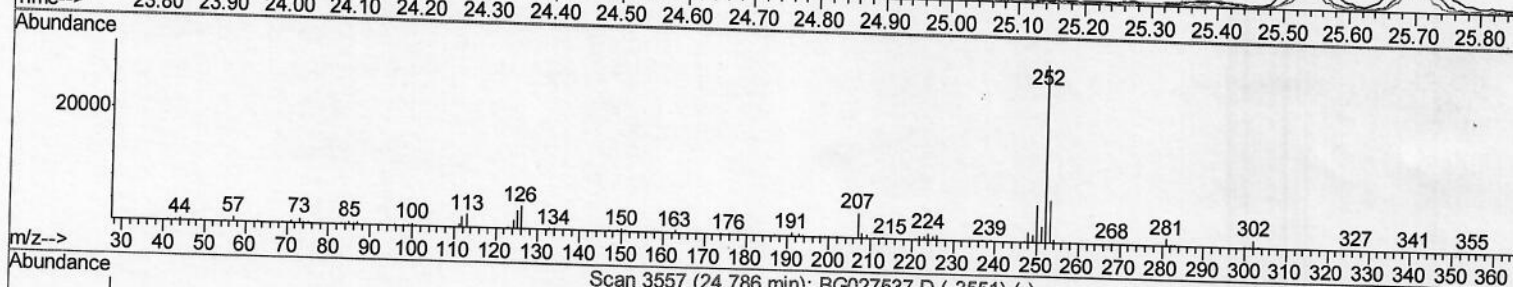
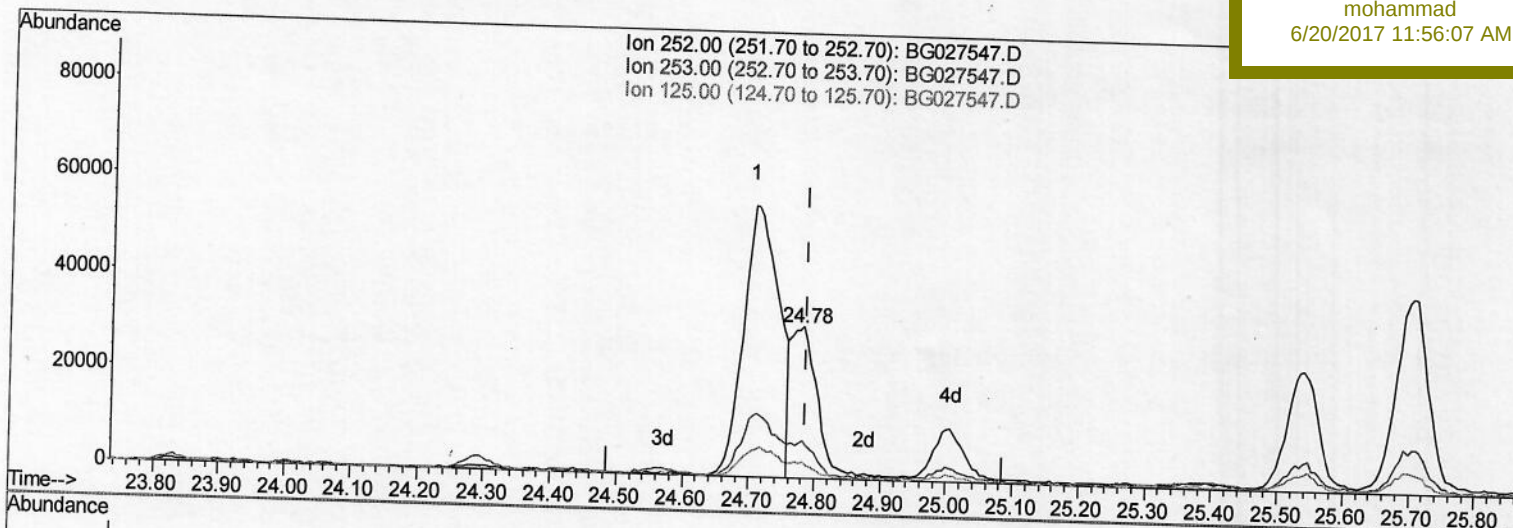
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
 Quantitation Report (Qedit)
 Data File : BG027547.D
 Acq On : 20 Jun 2017 2:56
 Operator : SJ/MA
 Sample : I3627-13 25X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:51:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 20 01:50:01 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 Client Sampled :
 F5E24

Manual Integrations
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 6/20/2017 11:56:07 AM



(86) Benzo(k)fluoranthene

24.781min (-0.004) 5.72ng/ul m

response 85287

Ion Exp% Act%

252.00 100 100

253.00 23.10 24.22

125.00 5.10 10.41#

0.00 0.00 0.00

7 S.J
 06/30/2017

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (QT Reviewed)

Data File : BG027547.D

Acq On : 20 Jun 2017 2:56

Operator : SJ/MA

Sample : I3627-13 25X

Misc :

ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 20 03:52:26 2017

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

Client Sampled :

F5E24

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	34751	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	173524	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	112158	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	250302m	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	287158m	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	260248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.65	99	2917	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.83	67	2092	0.81	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	2230	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	1935	0.66	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	1729	1.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	1099	0.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	2182	0.86	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.49	166	9180	0.98	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	10117	0.94	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	16.09	176	9526	1.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.95	188	12898	1.11	ng/ul	0.00
76) Pyrene-d10	20.22	212	14356m	1.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	12030	1.03	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	11.40	128	2994704	335.83	ng/ul#	93
34) 2-Methylnaphthalene	12.95	142	561286	84.88	ng/ul	95
40) 1,1'-Biphenyl	13.94	154	147362	16.61	ng/ul#	93
47) Acenaphthylene	14.83	152	32896	3.03	ng/ul#	95
49) Acenaphthene	15.17	153	520012	68.79	ng/ul	97
53) Dibenzofuran	15.50	168	570414	51.77	ng/ul	98
58) Fluorene	16.15	166	618420	67.63	ng/ul	100
69) Phenanthrene	17.91	178	2382570m	177.13	ng/ul	99
71) Anthracene	17.99	178	392238	28.68	ng/ul	99
72) Carbazole	18.25	167	177043	15.05	ng/ul	99
74) Fluoranthene	19.89	202	1415539m	93.53	ng/ul	97
77) Pyrene	20.25	202	950012m	55.97	ng/ul	97
80) Benzo(a)anthracene	22.21	228	361670m	22.62	ng/ul	99
82) Chrysene	22.28	228	262983	18.21	ng/ul	99
85) Benzo(b)fluoranthene	24.71	252	210302	13.57	ng/ul#	97
86) Benzo(k)fluoranthene	24.78	252	85287m	5.72	ng/ul	97
88) Benzo(a)pyrene	25.70	252	135300	9.09	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.07	276	48373	2.85	ng/ul#	89
91) Benzo(g,h,i)perylene	31.40	276	30540	2.20	ng/ul#	92

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

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Quantitation Report

(QT Reviewed)

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QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration

Instrument :

BNA_G

Client Sample ID :

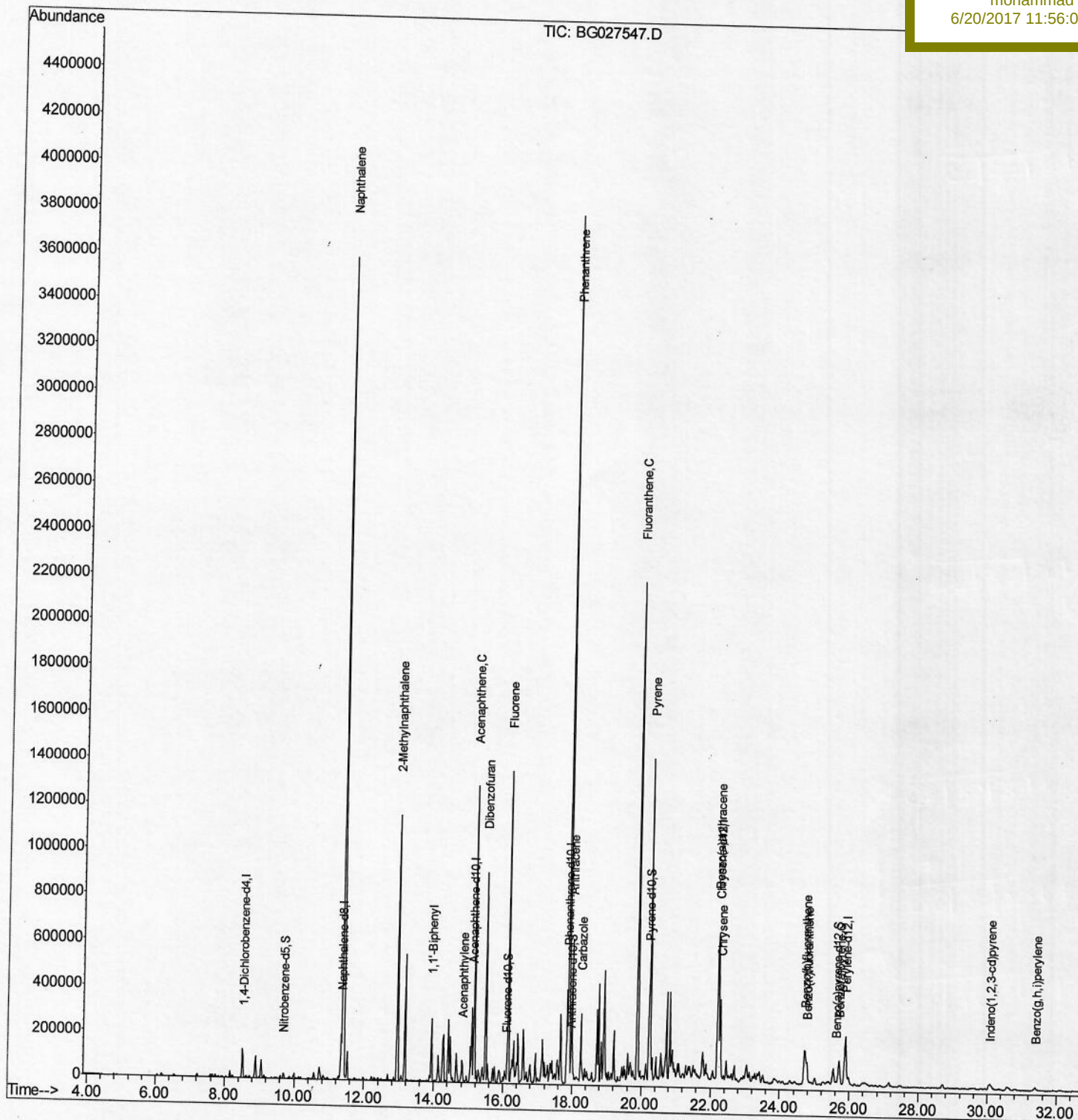
F5E24

Manual Integrations

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SOM-EPA-BG061617.M Tue Jun 20 03:53:20 2017

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