

(Q.T. Reviewed)

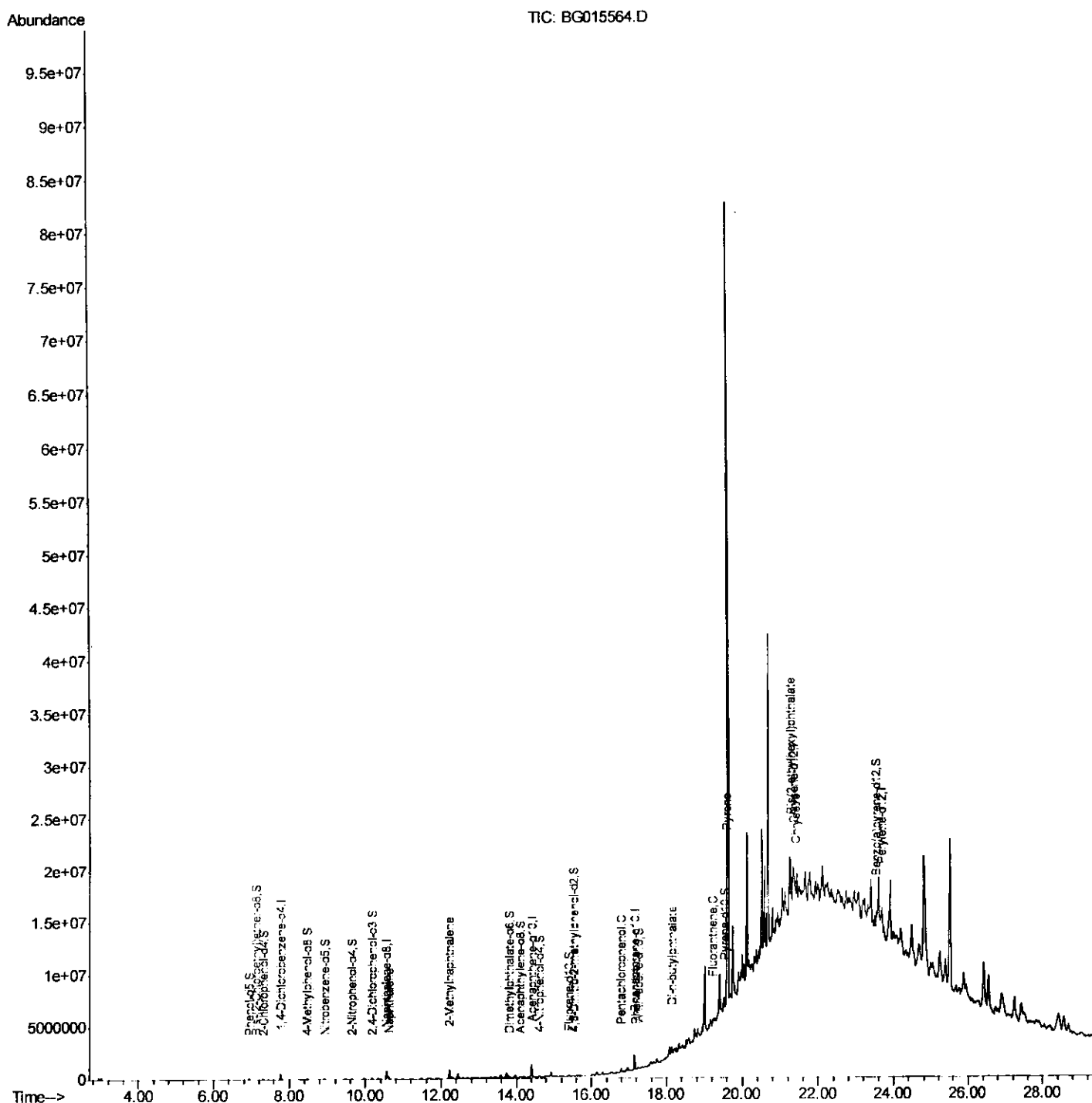
```
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\  
Data File : BG015564.D  
Acq On    : 1 Dec 2014 16:09  
Operator  : TP/JJ  
Sample    : F4761-03 5X  
Misc      :  
ALS Vial  : 11 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
P001-WOODBE001-111314-00

Manual Integrations

mohammad
12/3/2014 8:21:25 AM

Quant Time: Dec 02 01:33:44 2014
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 02 00:56:15 2014
Response via : Initial Calibration



Quantitation Report (Qedit)

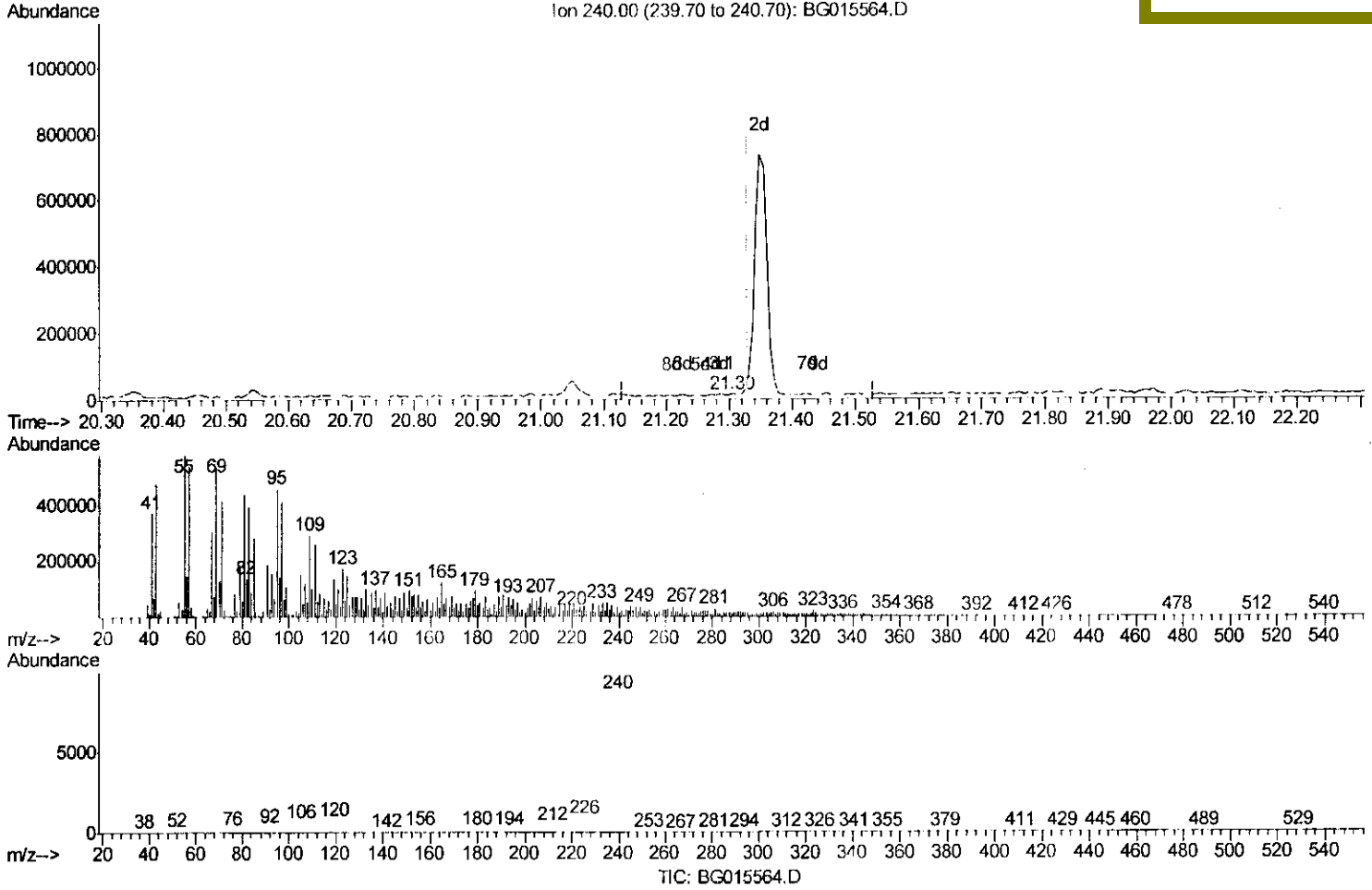
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-001

Quant Time: Dec 02 01:02:46 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:25 AM



(73) Chrysene-d12 (I)

21.301min (-0.028) 20.00ng/ul

response 2920

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	295.70#
236.00	26.30	180.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

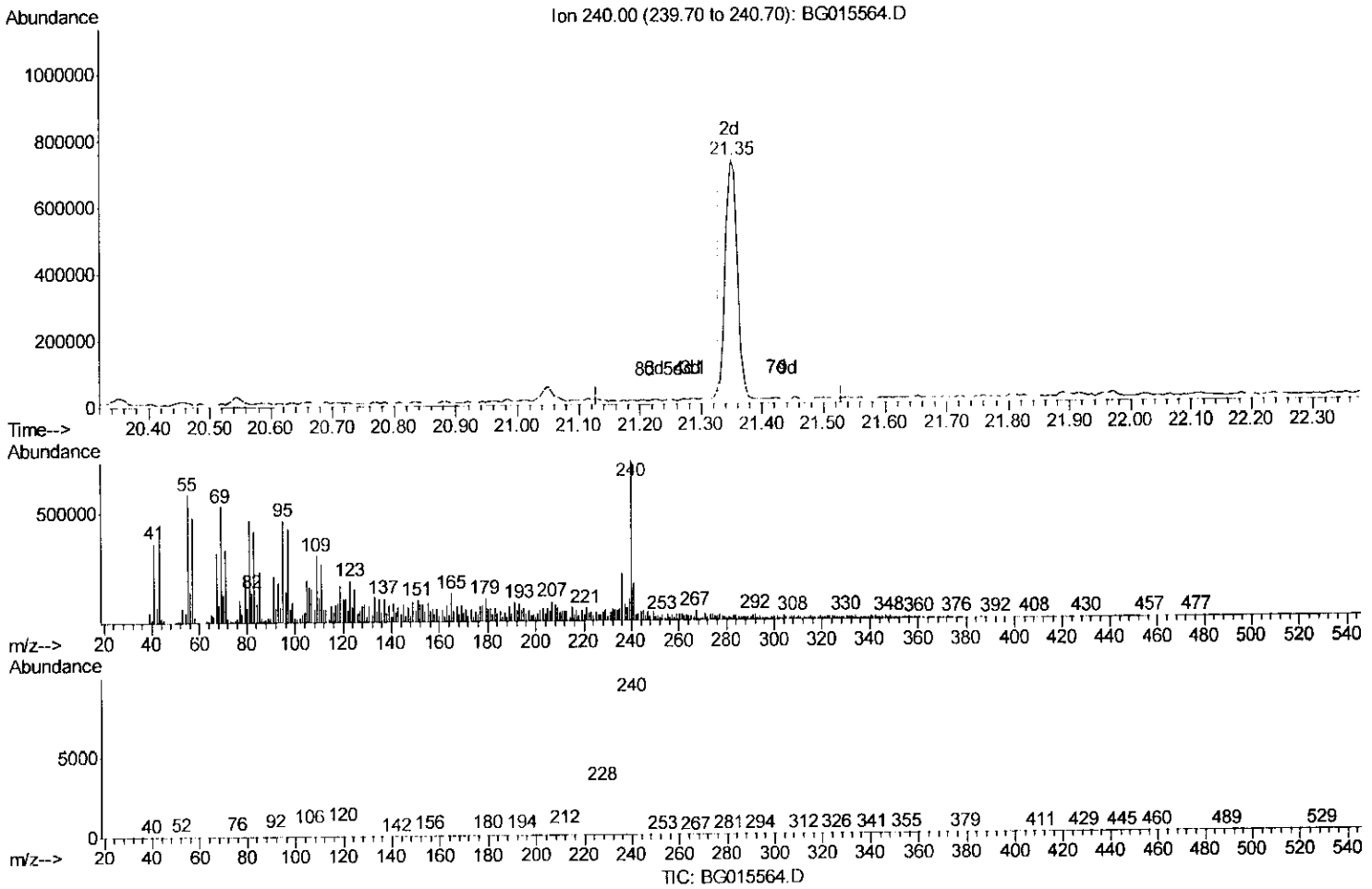
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-00

Manual Integrations
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mohammad
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Quant Time: Dec 02 01:02:46 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration



(73) Chrysene-d12 (I)

21.348min (+0.019) 20.00ng/ul m

response 973047

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	14.38#
236.00	26.30	29.51
0.00	0.00	0.00

TP
 12/03/14

Quantitation Report (Qedit)

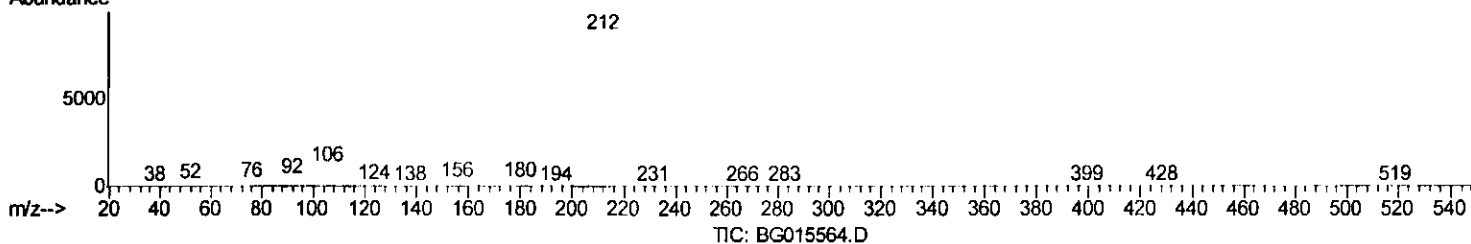
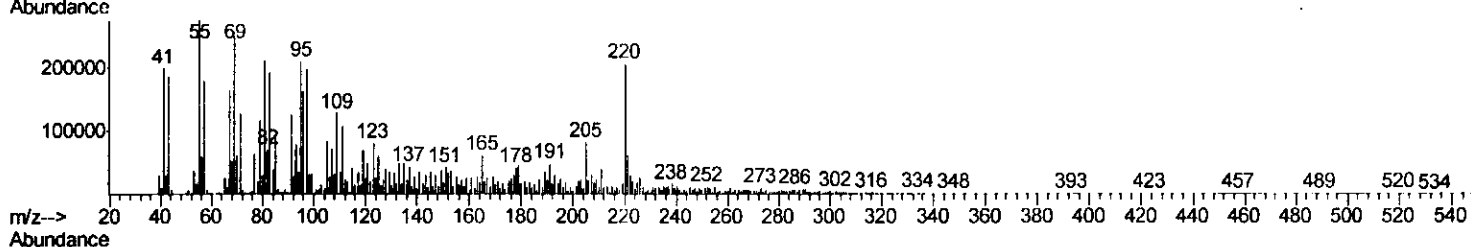
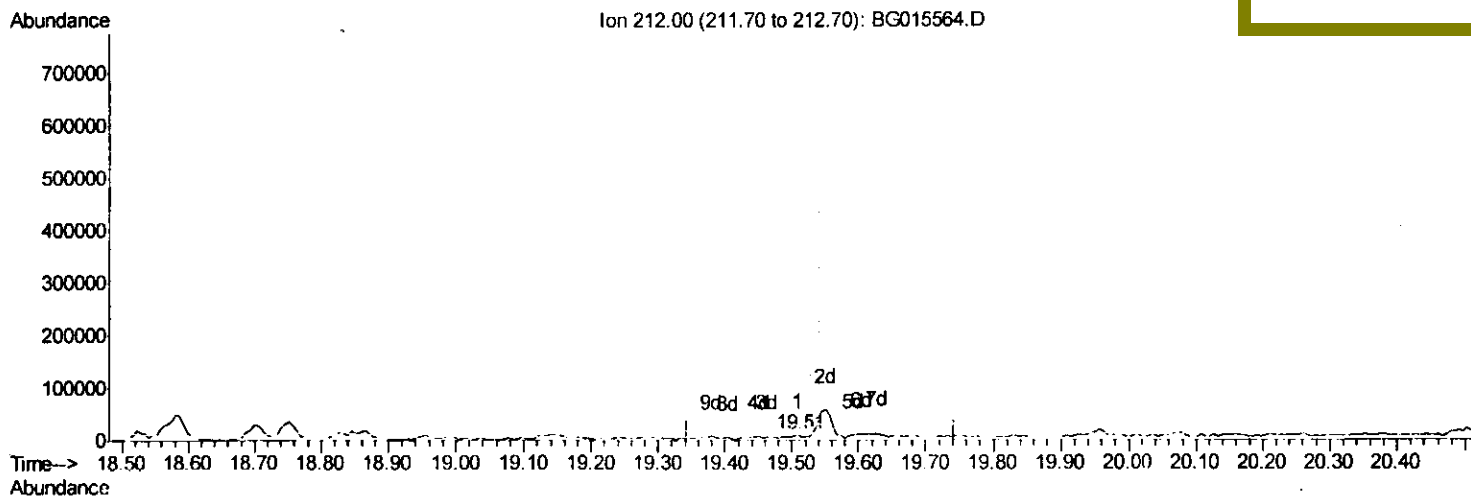
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-001

Quant Time: Dec 02 01:30:33 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:25 AM



(74) Pyrene-d10 (S)

19.509min (-0.034) 0.15ng/ul

response 6269

Ion	Exp%	Act%
212.00	100	100
106.00	13.50	253.33#
104.00	8.10	90.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

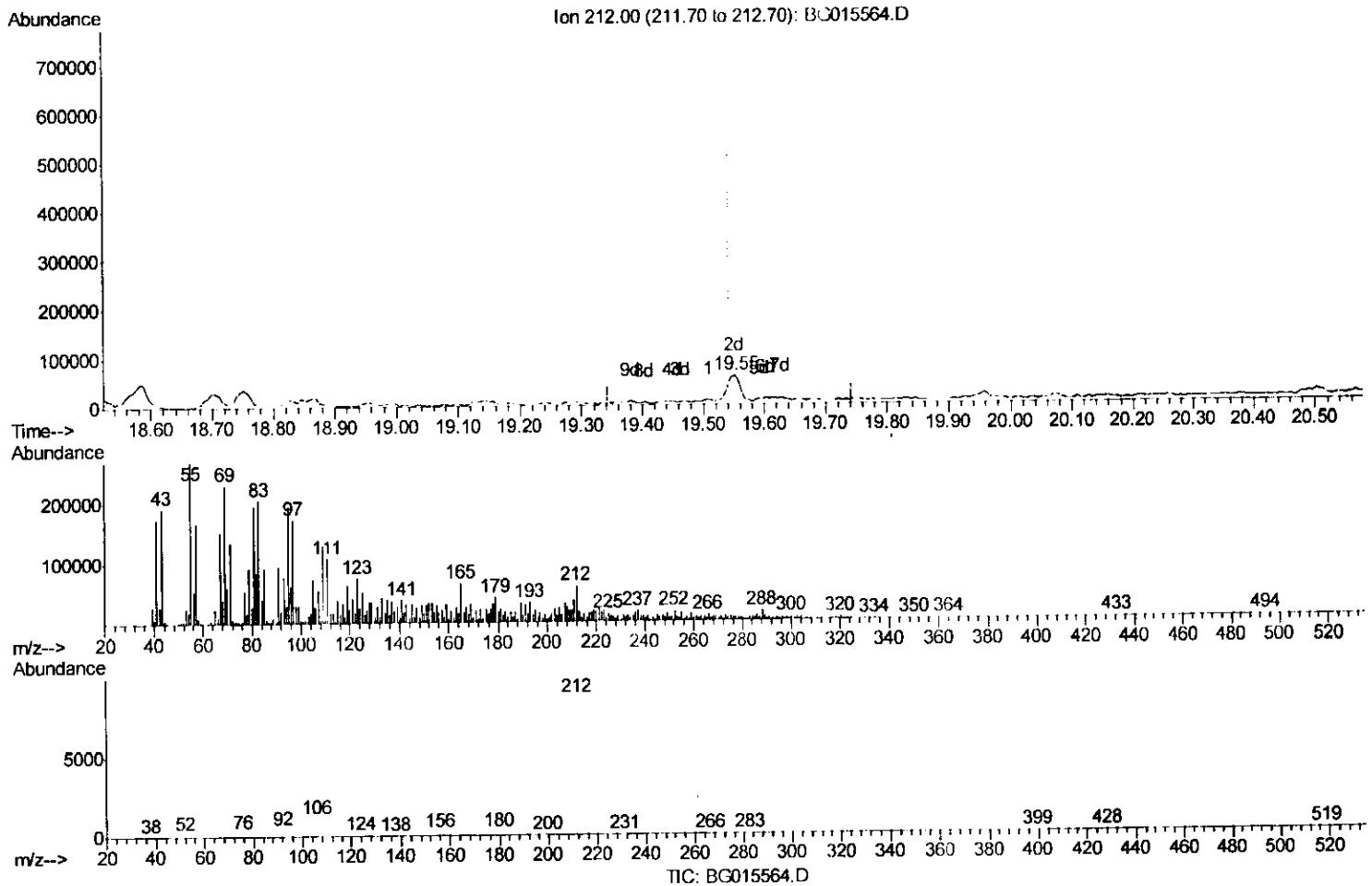
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-00

Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 02 01:30:33 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration



(74) Pyrene-d10 (S)

19.550min (+0.007) 1.82ng/ul m

response 75623

Ion Exp% Act%

212.00 100 100

106.00 13.50 47.21#

104.00 8.10 29.64#

0.00 0.00 0.00

T.P
 12/03/14

Quantitation Report (Qedit)

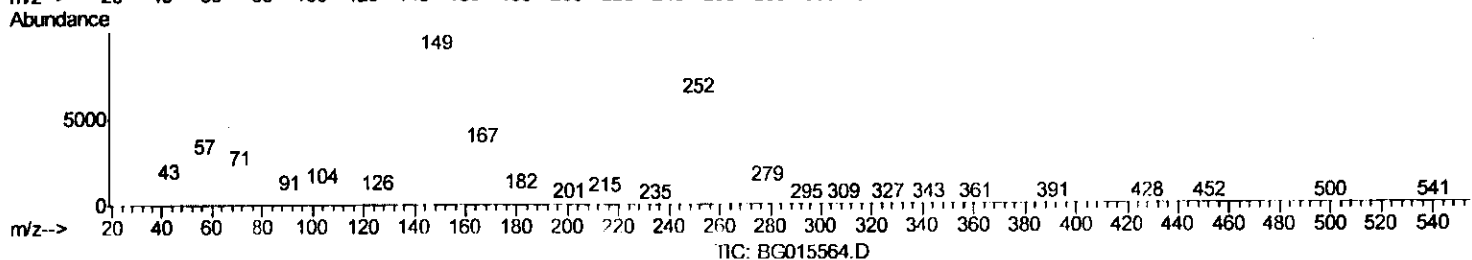
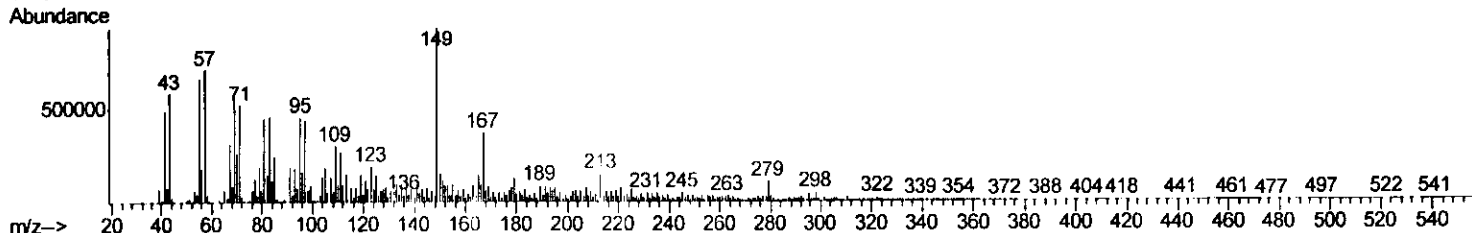
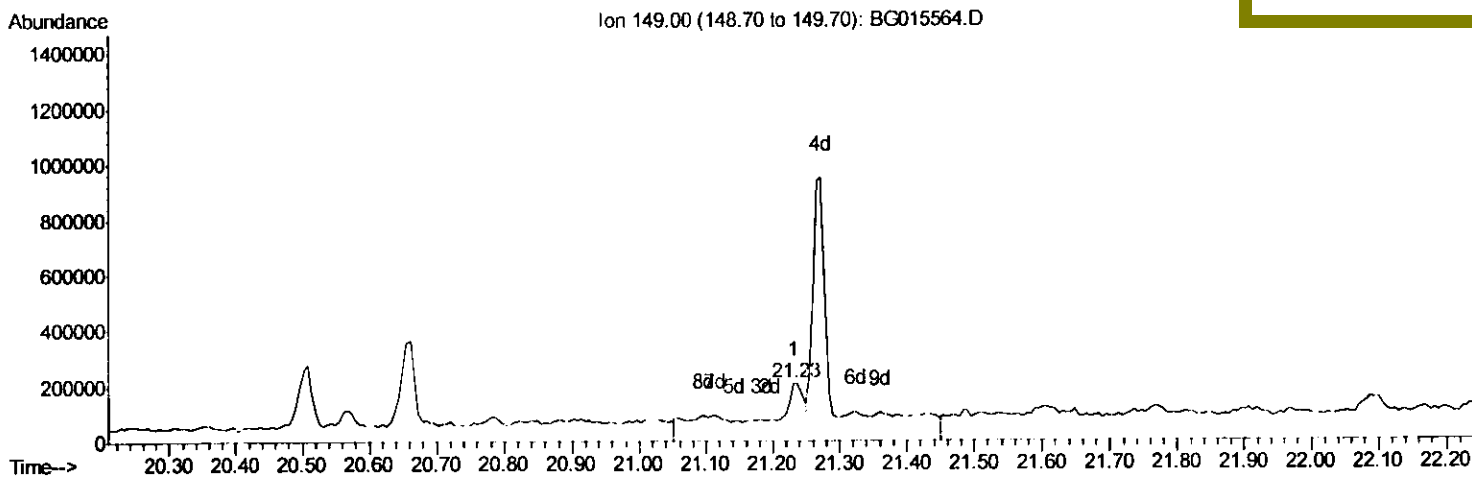
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 P001-WOODBE001-111314-001

Quant Time: Dec 02 01:30:33 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:25 AM



(79) Bis(2-ethylhexyl)phthalate

21.231min (-0.022) 5.73ng/ul

response 186022

Ion	Exp%	Act%
149.00	100	100
167.00	32.90	38.32
279.00	10.30	7.62#
0.00	0.00	0.00

Quantitation Report (edit)

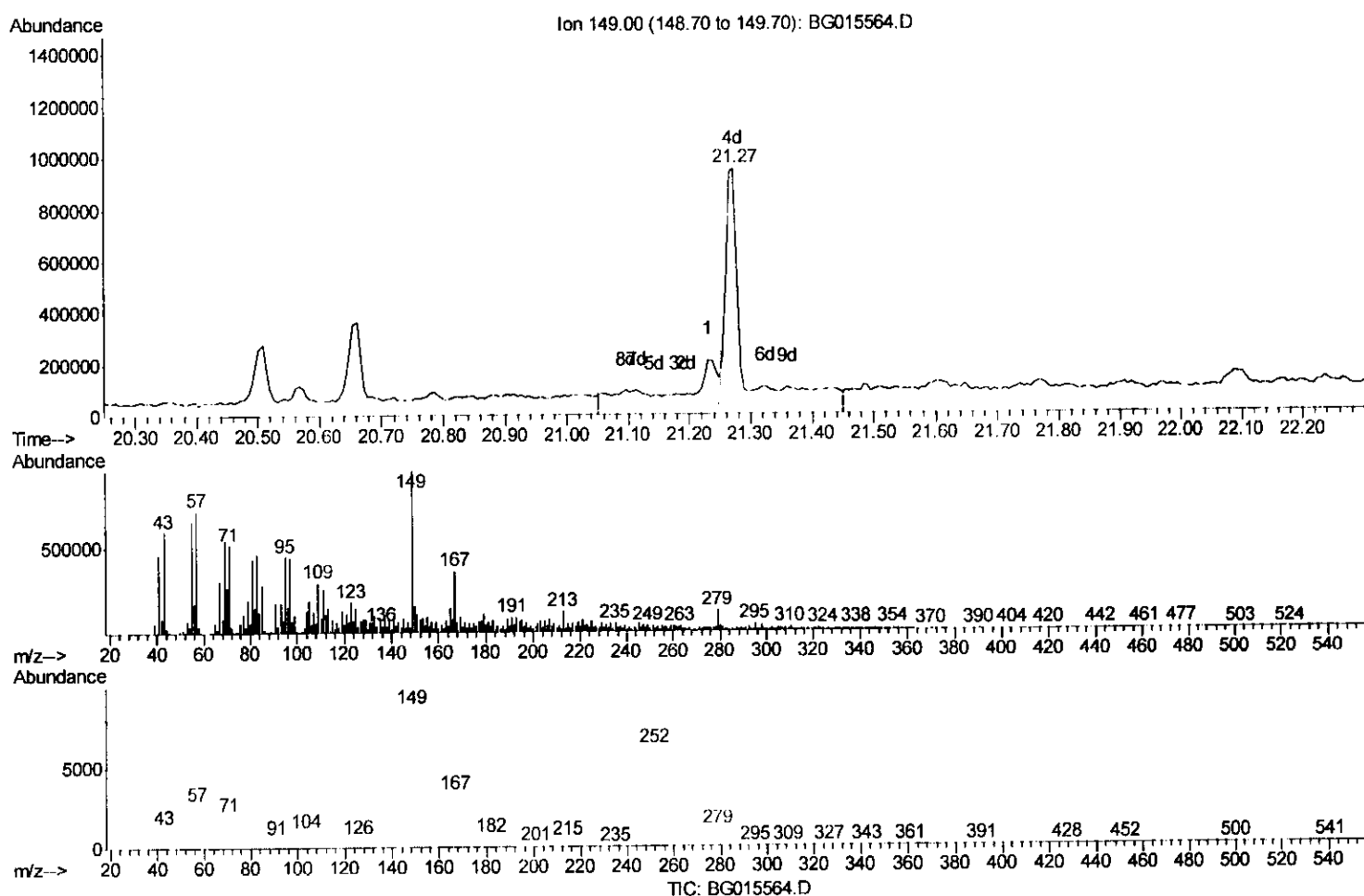
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-00

Manual Integrations
 APPROVED

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 12/3/2014 8:21:25 AM

Quant Time: Dec 02 01:30:33 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration



(79) Bis(2-ethylhexyl)phthalate

21.272min (+0.019) 31.95ng/ul m

response 1038214

Ion	Exp%	Act%
149.00	100	100
167.00	32.90	37.70
279.00	10.30	12.95#
0.00	0.00	0.00

T.P
 12/03/14

Quantitation Report (Qedit)

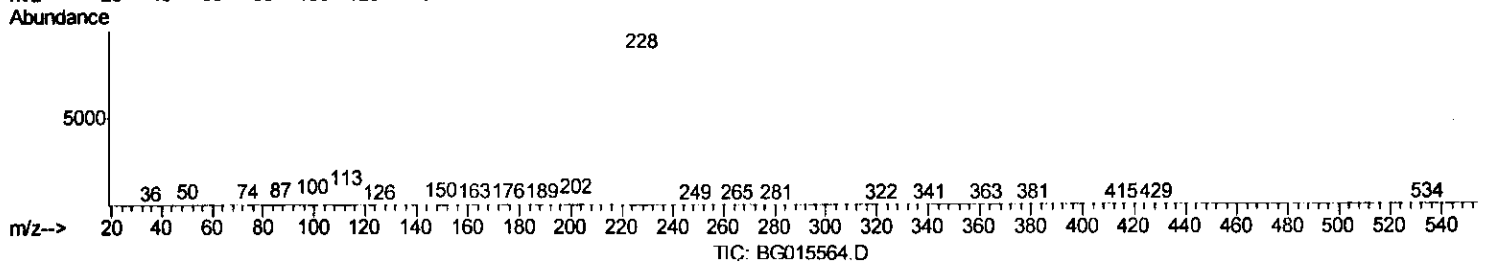
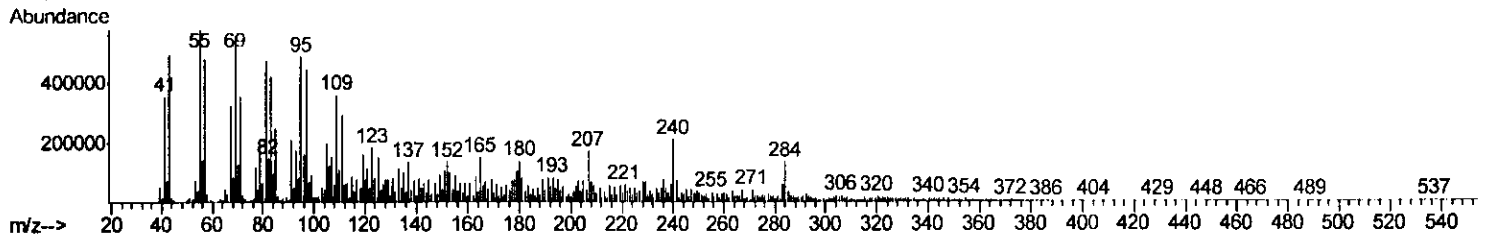
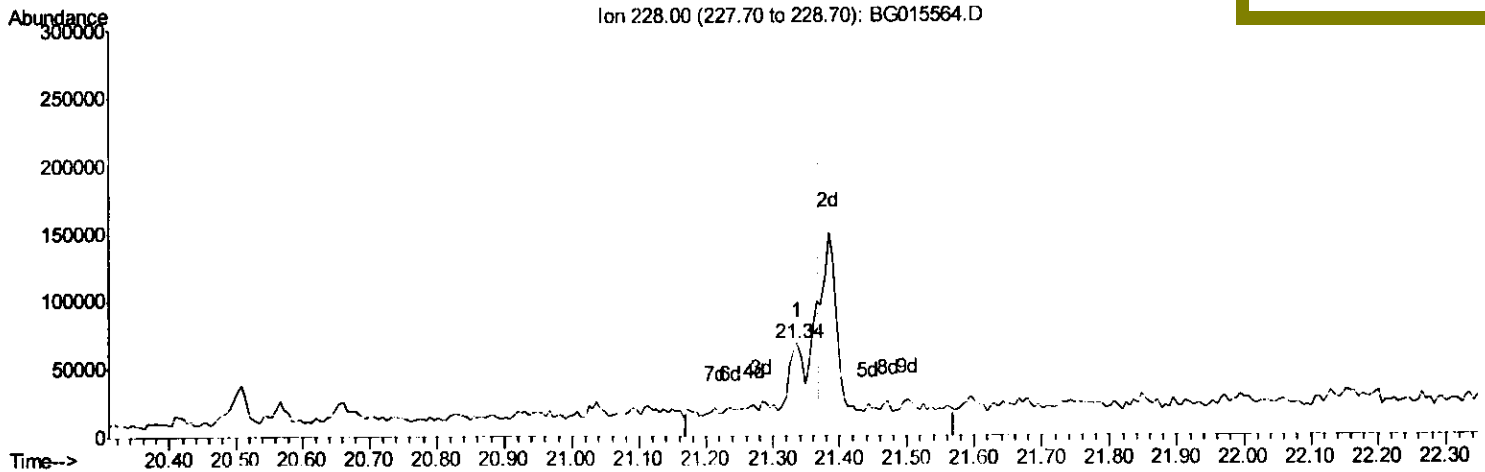
Data Path : Z:\HPCHEM1\BNA G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-001

Quant Time: Dec 02 01:32:08 2014
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/3/2014 8:21:25 AM



(80) Chrysene

21.336min (-0.034) 1.50ng/ul

response 76194

Ion	Exp%	Act%
228.00	100	100
226.00	31.90	48.82#
229.00	20.50	98.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

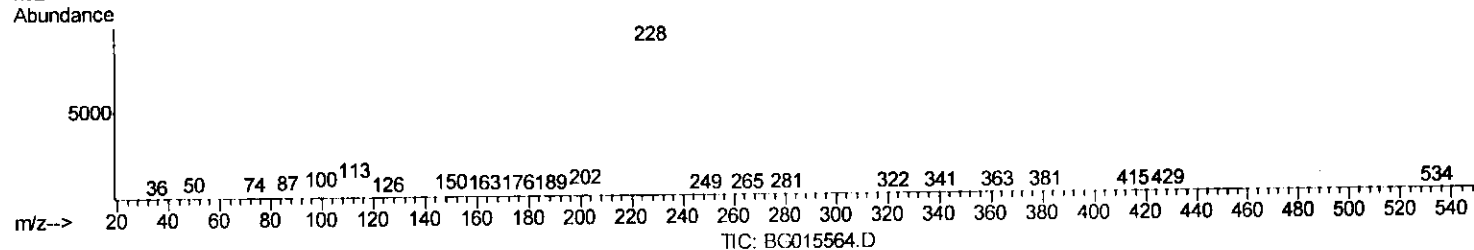
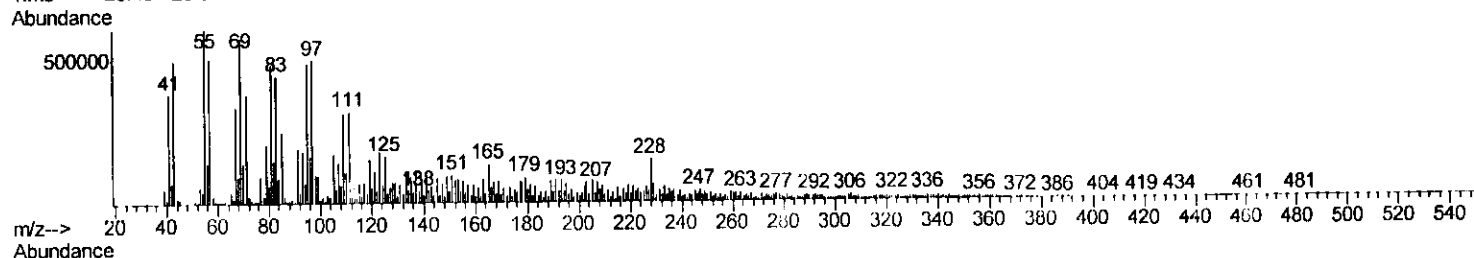
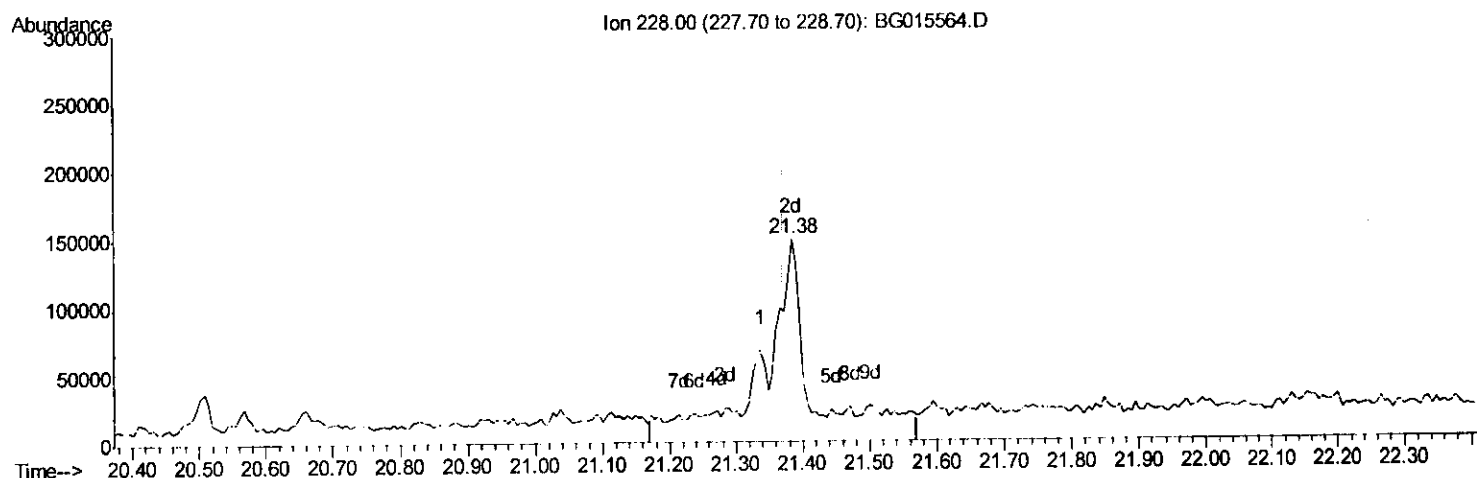
Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-WOODBE001-111314-00

Manual Integrations
 APPROVED

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 12/3/2014 8:21:25 AM

Quant Time: Dec 02 01:32:08 2014
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG112514.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration



(80) Chrysene

21.383min (+0.013) 3.06ng/ul m

response 155873

Ion Exp% Act%

228.00 100 100

226.00 31.90 35.68

229.00 20.50 42.32#

0.00 0.00 0.00

T.P
 12/03/14

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120114\
 Data File : BG015564.D
 Acq On : 1 Dec 2014 16:09
 Operator : TP/JJ
 Sample : F4761-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
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 P001-WOODBE001-111314-001

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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 02 00:56:15 2014
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 12/3/2014 8:21:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	125309	20.00	ng/ul	0.00
16) Naphthalene-d8	10.55	136	510955	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.40	164	361492	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.15	188	737554	20.00	ng/ul	0.00
73) Chrysene-d12	21.35	240	973047m	20.00	ng/ul	0.02
81) Perylene-d12	23.67	264	939033	20.00	ng/ul	0.05

System Monitoring Compounds

3) Phenol-d5	6.94	99	19953	1.47	ng/ul	0.00
5) Bis-(2-Chloroethyl) ether-d	7.11	67	14104	1.69	ng/ul	0.00
7) 2-Chlorophenol-d4	7.31	132	13551	1.63	ng/ul	0.01
11) 4-Methylphenol-d8	8.47	113	13225	1.38	ng/ul	0.00
17) Nitrobenzene-d5	8.93	128	6128	1.48	ng/ul	0.00
20) 2-Nitrophenol-d4	9.64	143	8817	2.04	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.18	165	15183	1.88	ng/ul	0.00
27) 4-Chloroaniline-d4	10.70	131	504	0.05	ng/ul	0.01
41) Dimethylphthalate-d6	13.82	166	49898	1.95	ng/ul	0.00
44) Acenaphthylene-d8	14.09	160	58930	1.93	ng/ul	0.00
49) 4-Nitrophenol-d4	14.60	143	7094	1.63	ng/ul	0.00
55) Fluorene-d10	15.39	176	46665	1.98	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.51	200	8882	2.25	ng/ul	0.00
68) Anthracene-d10	17.25	188	71408	2.06	ng/ul	0.00
74) Pyrene-d10	19.55	212	75623m	1.82	ng/ul	0.00
85) Benzo(a)pyrene-d12	23.52	264	91515	2.16	ng/ul	0.04

Target Compounds

						Qvalue
26) Naphthalene	10.61	128	157889	6.03	ng/ul	97
32) 2-Methylnaphthalene	12.22	142	318683	16.14	ng/ul	98
61) 4,6-Dinitro-2-methylphenol	15.53	198	9822	2.39	ng/ul#	69
66) Pentachlorophenol	16.79	266	59216	13.61	ng/ul#	83
67) Phenanthrene	17.19	178	64426	1.71	ng/ul#	87
71) Di-n-butylphthalate	18.12	149	95705	2.11	ng/ul#	85
72) Fluoranthene	19.22	202	102804	2.03	ng/ul#	92
75) Pyrene	19.58	202	170926	3.15	ng/ul#	87
79) Bis(2-ethylhexyl)phthalate	21.27	149	1038214m	31.95	ng/ul	
80) Chrysene	21.38	228	155873m	3.06	ng/ul	

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