

Quantitation Report (QT Reviewed)

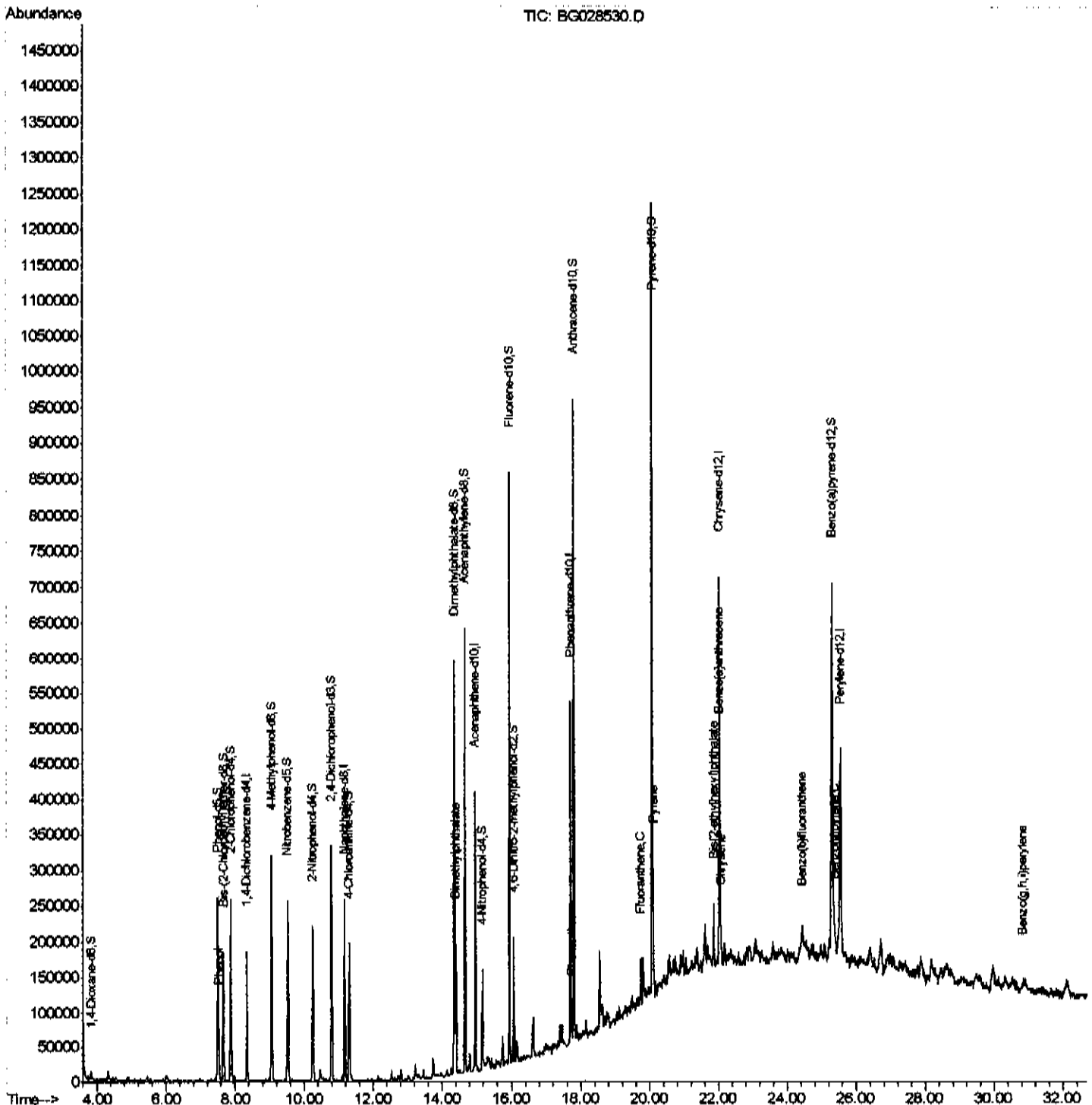
Instrument :
BNA_G
ClientSampleId :
B0AZ2

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028530.D
Acq On : 28 Aug 2017 22:31
Operator : SJ/JU
Sample : I4905-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:19:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

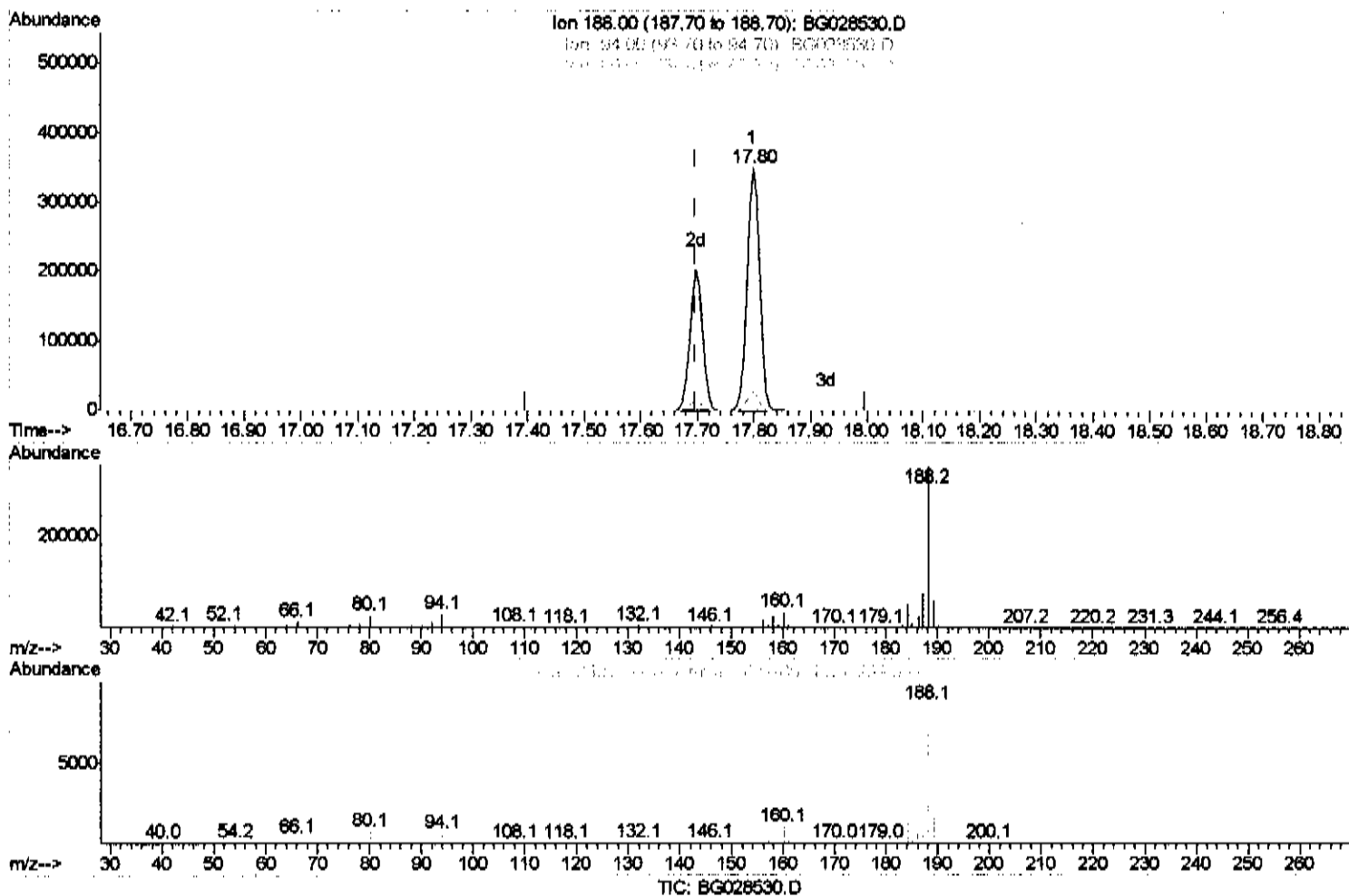
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Instrument :
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 ClientSampleId :
 B0AZ2

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Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 03:59:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.797min (+0.100) 20.00ng/ul

response 545356

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.49
80.00	9.50	7.75
0.00	0.00	0.00

Quantitation Report (Qedit)

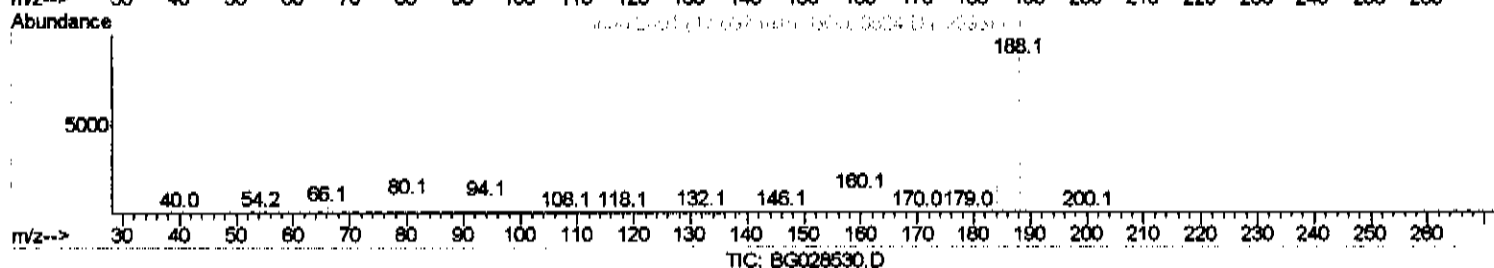
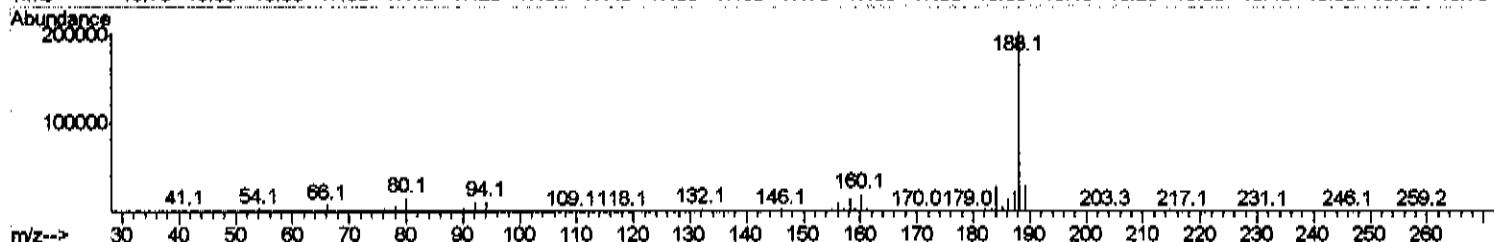
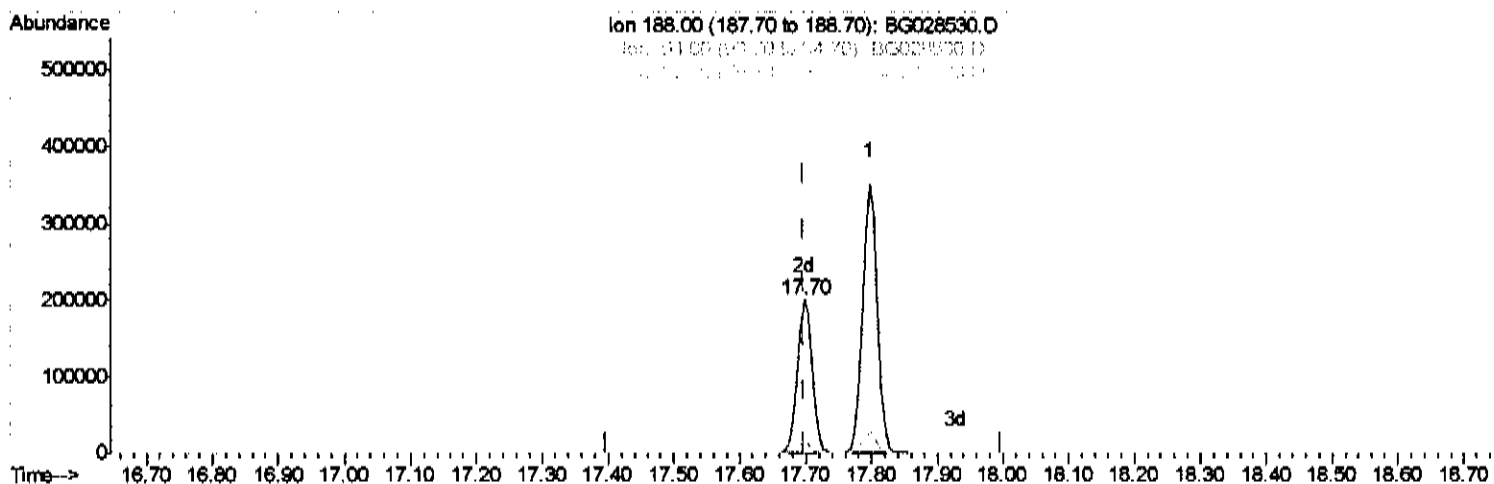
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(61) Phenanthrene-d10 (I)

17.697min (-0.000) 20.00ng/ul m

response 313596

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	5.84#
80.00	9.50	7.89
0.00	0.00	0.00

Quantitation Report (Qedit)

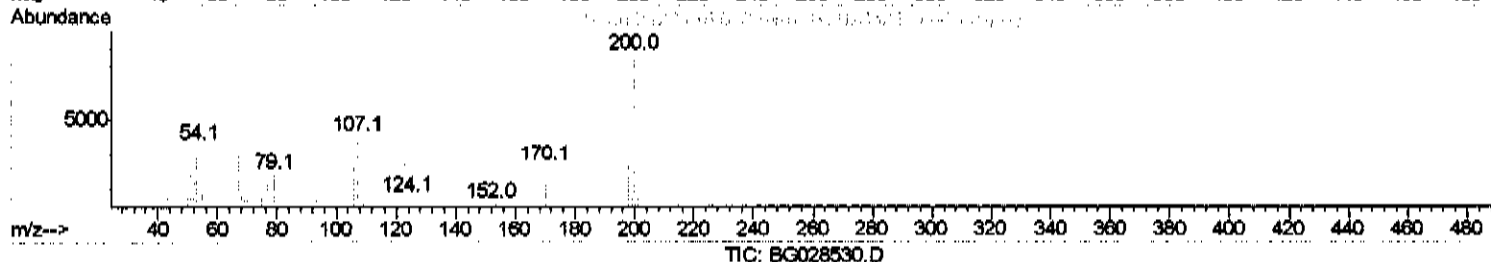
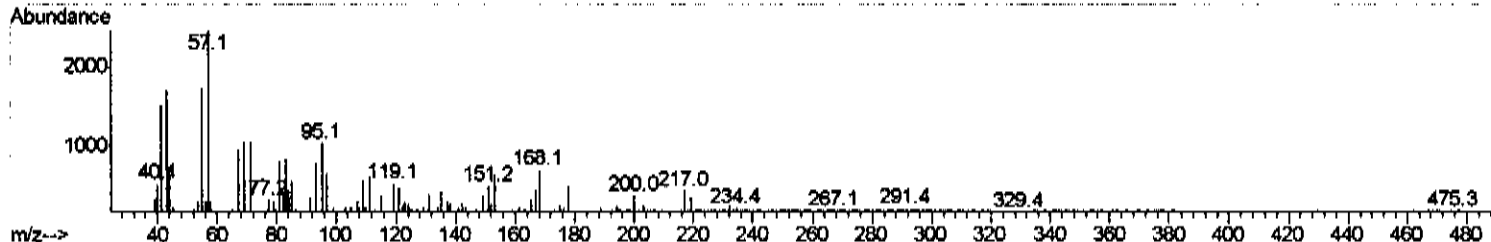
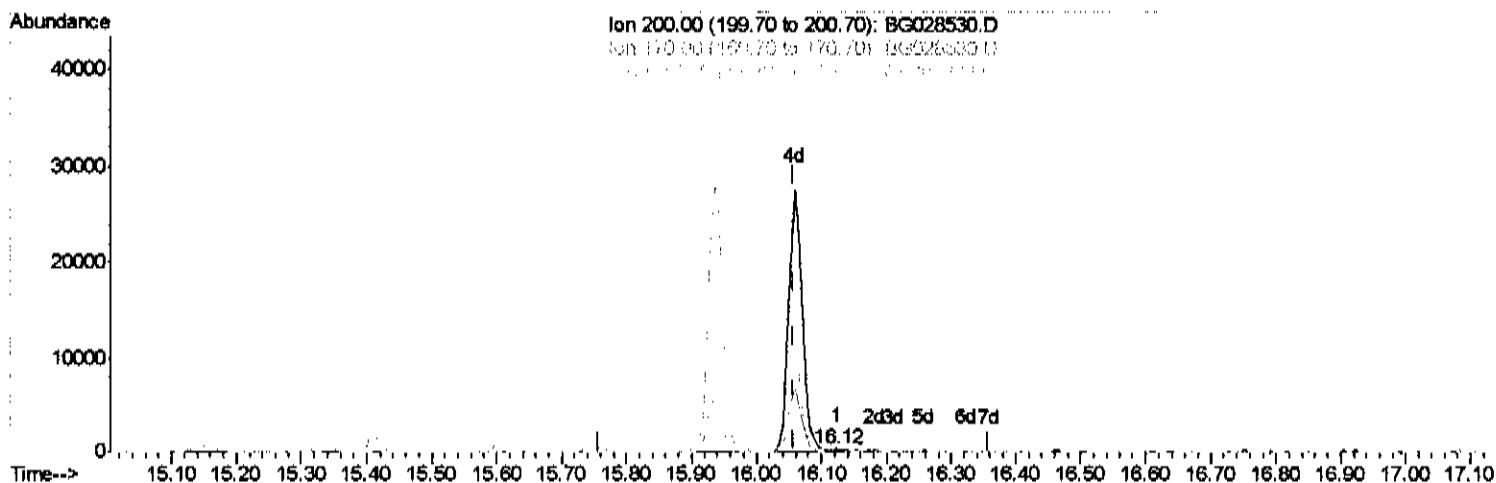
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
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 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Manual Integrations
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Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:16:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.123min (+0.065) 0.18ng/ul

response 360

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	45.58
52.00	47.20	53.58
0.00	0.00	0.00

Quantitation Report (Qedit)

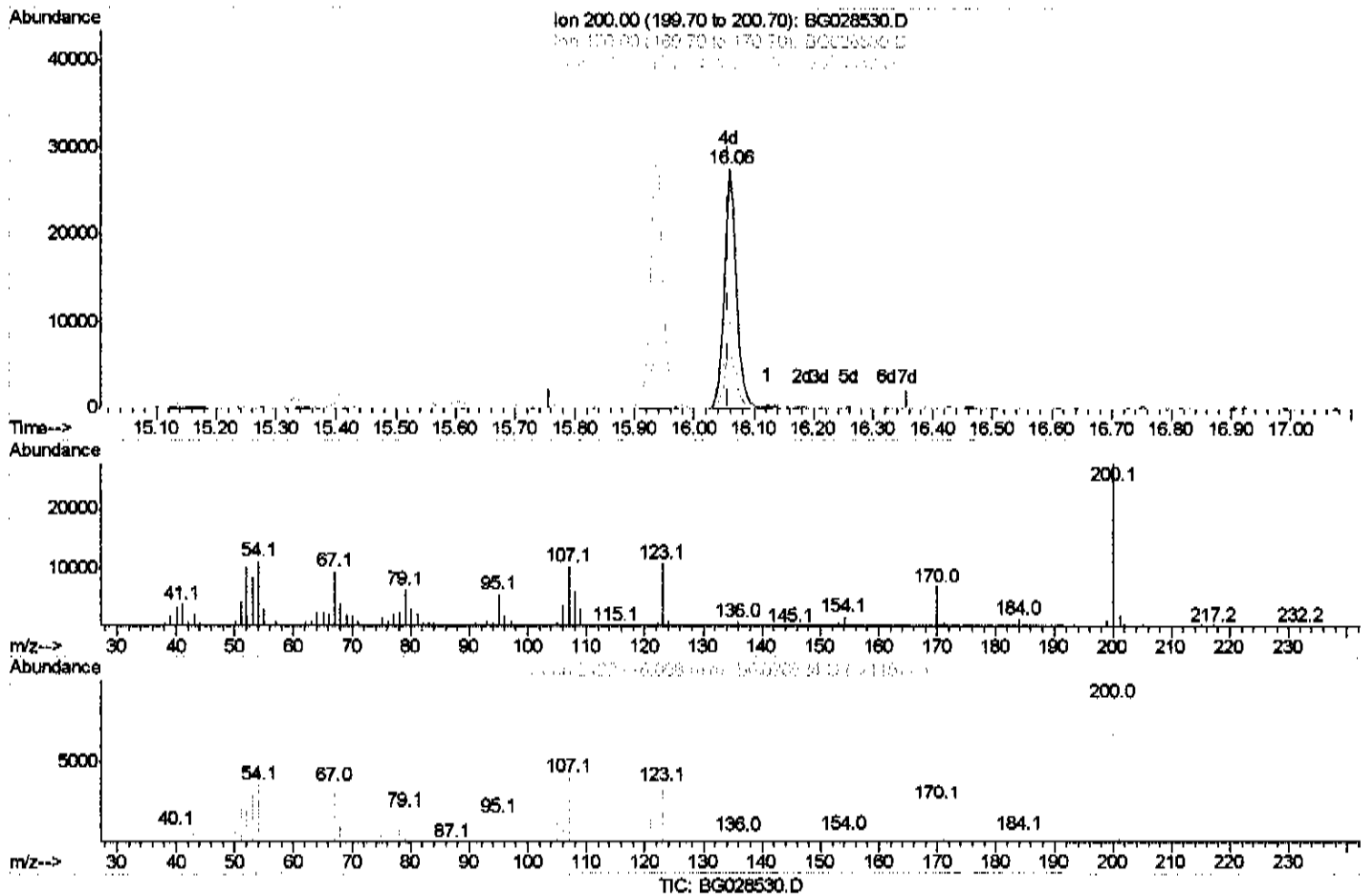
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Manual Integrations
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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.058min (-0.000) 19.53ng/ul m

response 39778

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.02
52.00	47.20	36.53%
0.00	0.00	0.00

Quantitation Report (Qedit)

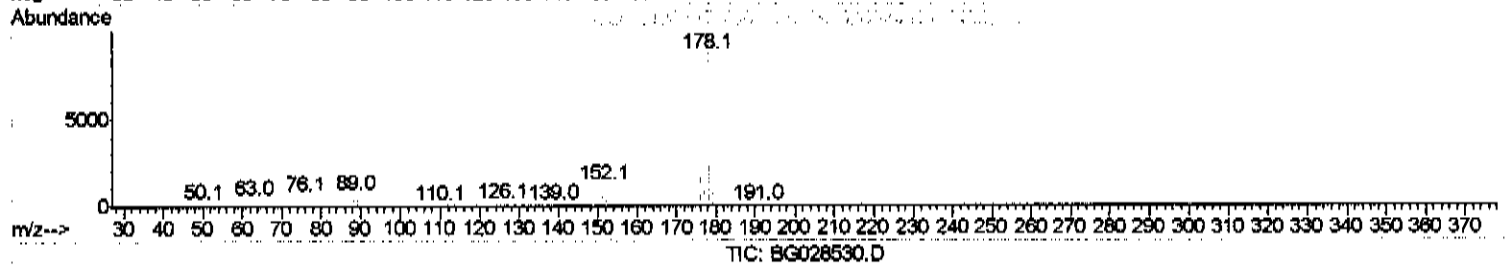
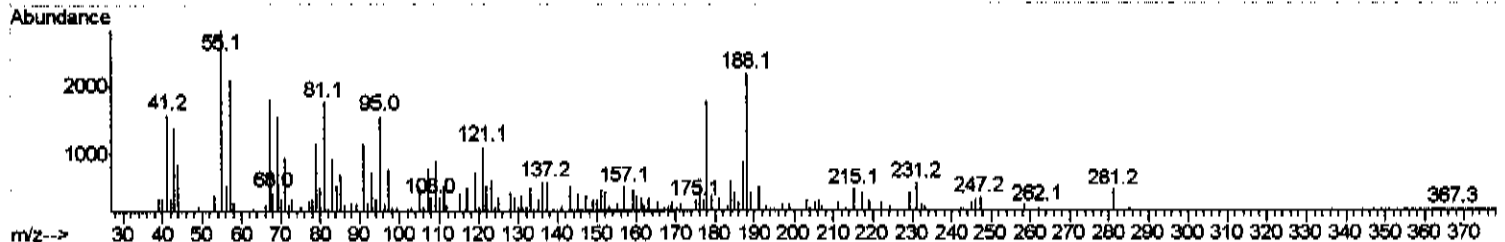
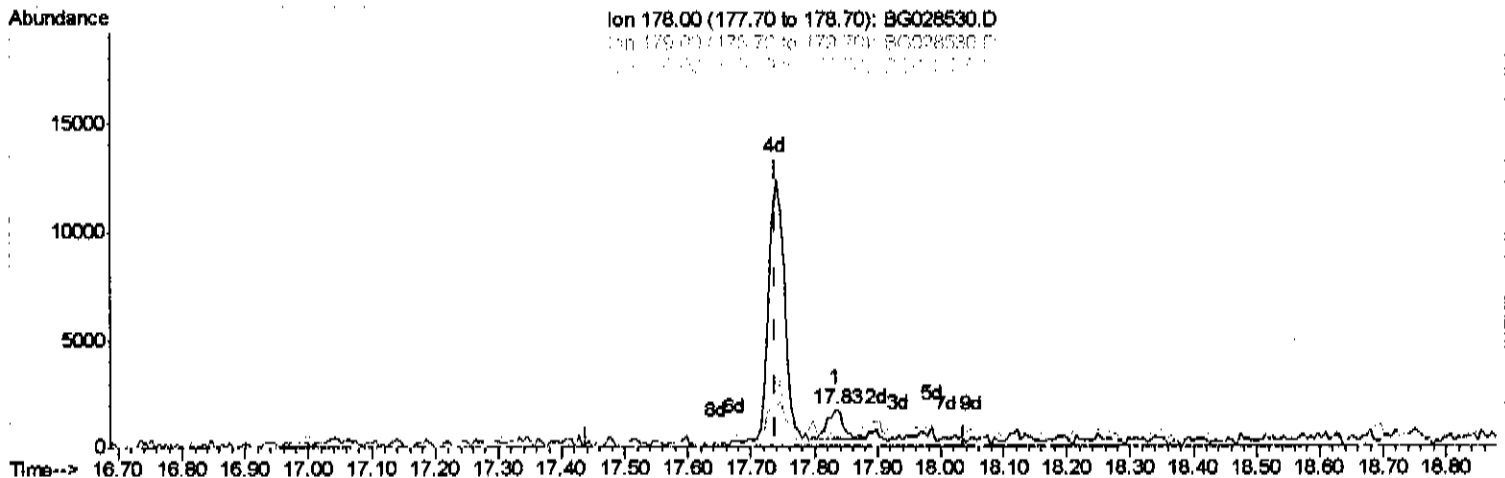
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AZ2

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(69) Phenanthrene

17.832min (+0.094) 0.16ng/ul

response 2456

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	21.83%
176.00	20.60	30.16%
0.00	0.00	0.00

Quantitation Report (Qedit)

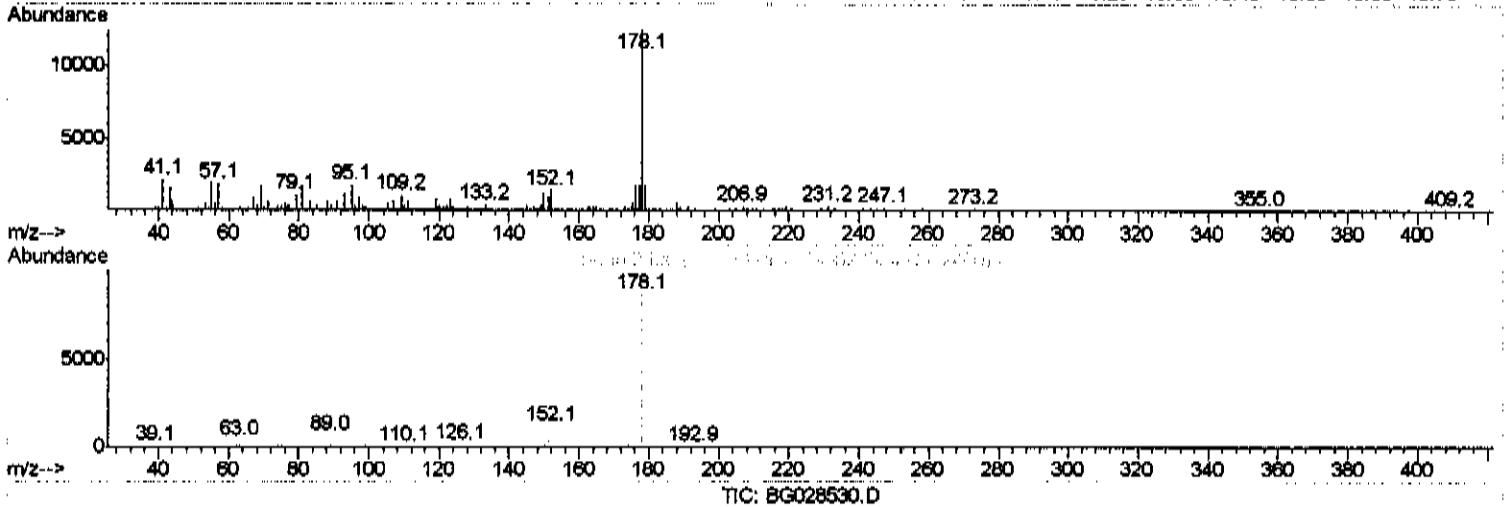
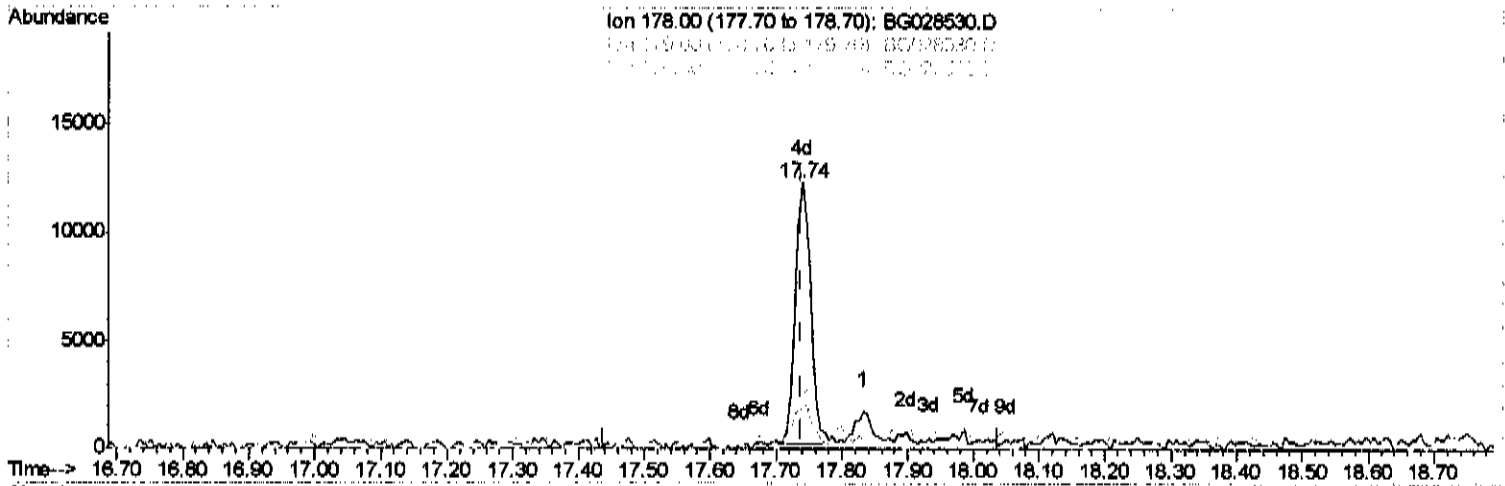
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AZ2

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(69) Phenanthrene

17.738min (-0.000) 1.26ng/ul m

response 19832

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.46
176.00	20.60	14.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

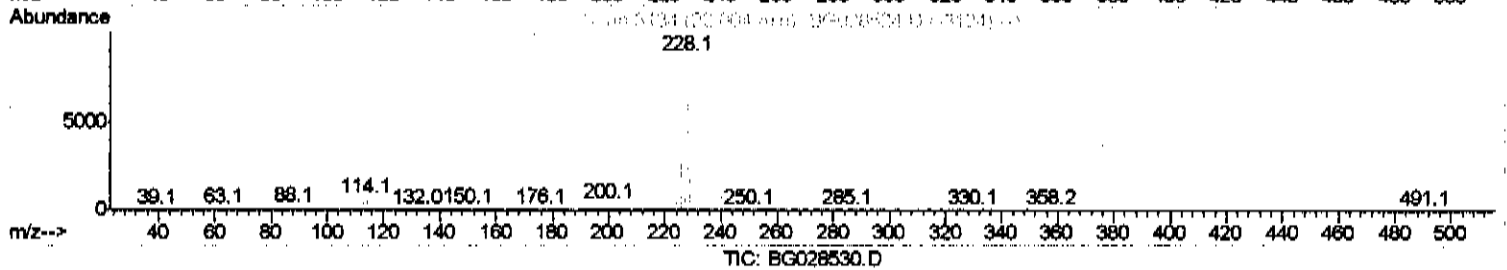
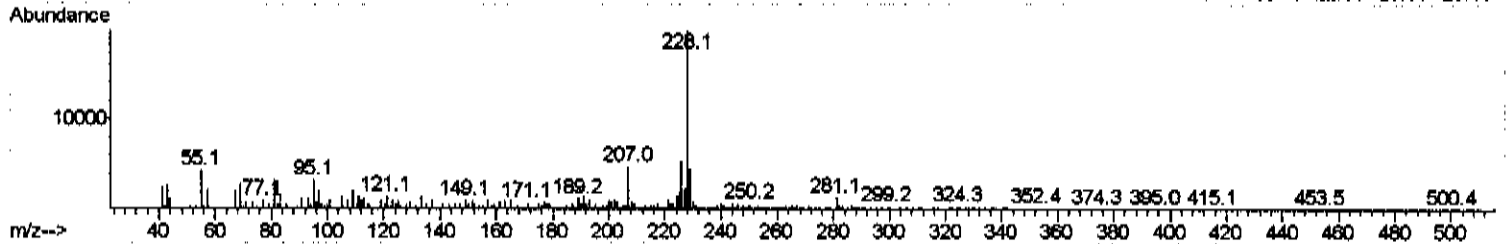
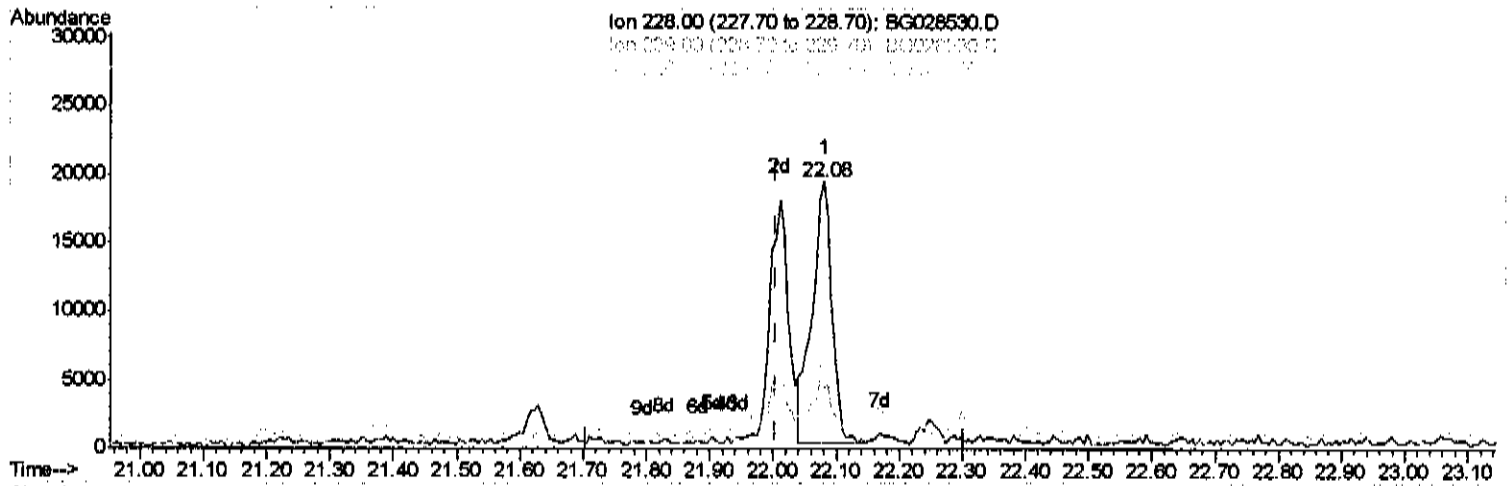
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AZ2

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 OLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(80) Benzo(a)anthracene

22.080min (+0.076) 1.93ng/ul

response 41685

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	23.03
226.00	27.40	28.19
0.00	0.00	0.00

Quantitation Report (Qedit)

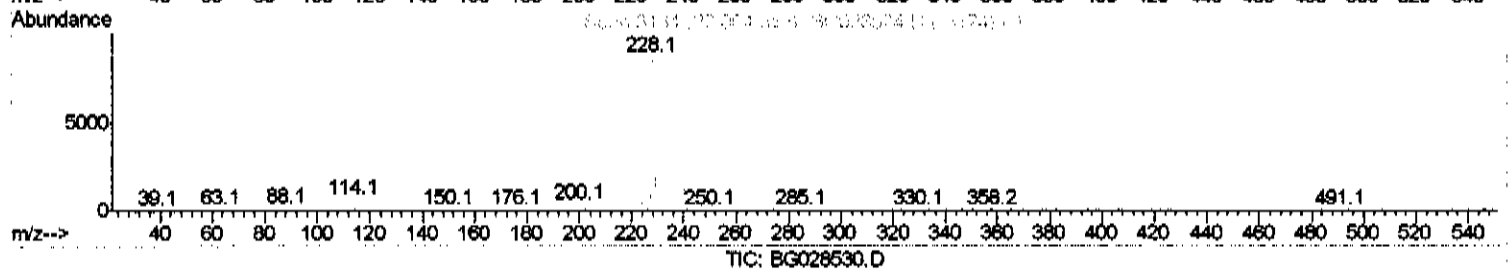
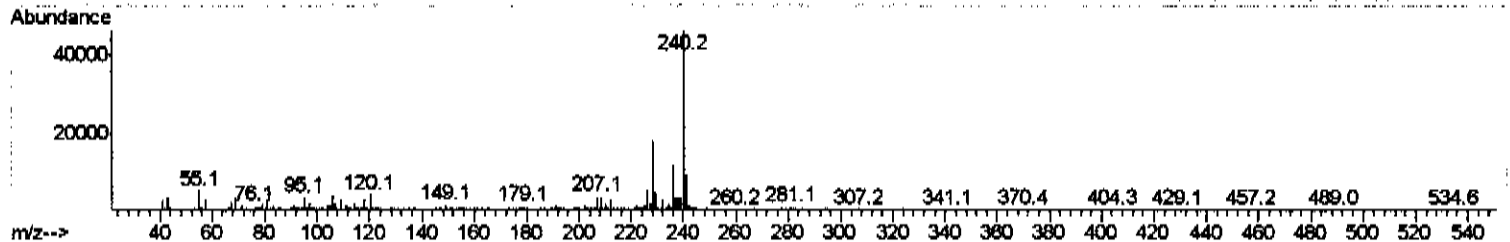
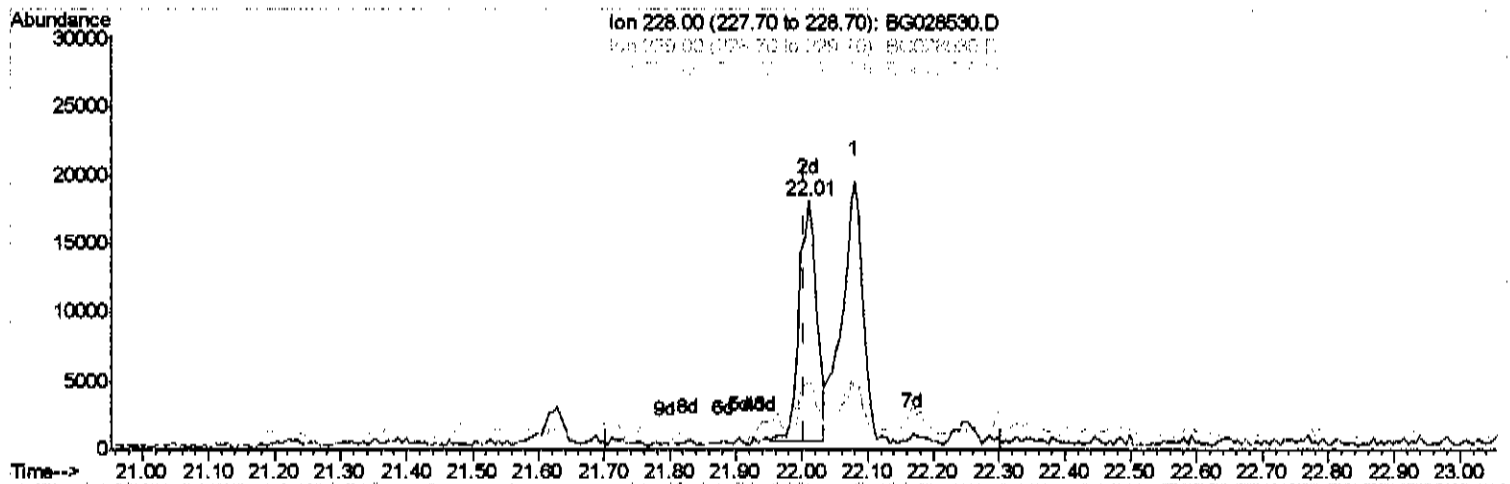
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG028530.D
 Acq On : 28 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4905-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 B0AZ2

Manual Integrations
 APPROVED

Sohil
 8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:16:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 29 03:57:40 2017
 Response via : Initial Calibration



(80) Benzo(a)anthracene

22.010min (+0.006) 1.53ng/ul m

response 32991

Ion	Exp%	Act%
228.00	100	100
229.00	20.40	27.61#
226.00	27.40	28.33
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_G
ClientSampleId :
B0AZ2

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG08530.D
Acq On : 28 Aug 2017 22:31
Operator : SJ/JU
Sample : I4905-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/29/2017 6:02:11 PM

Quant Time: Aug 29 05:19:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 29 03:57:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	49313	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	210292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	313596m	20.00	ng/ul	>0.00
75) Chrysene-d12	22.03	240	373574	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	372884	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	6358	6.00	ng/uL	0.00
5) Phenol-d5	7.49	99	153817	28.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	95362	27.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	114359	33.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	125082	27.63	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	58135	35.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	68852	38.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	130502	34.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	104175	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	402504	33.42	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	472793	34.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	42646	22.27	ng/ul	0.00
57) Fluorene-d10	15.93	176	341576	31.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	39778m	19.53	ng/ul	>0.00
70) Anthracene-d10	17.80	188	545356	36.27	ng/ul	0.00
76) Pyrene-d10	20.07	212	635558	33.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	625499	35.83	ng/ul	0.02

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.52	94	11462	2.130	ng/ul	94
44) Dimethylphthalate	14.38	163	102413	9.235	ng/ul	99
69) Phenanthrene	17.74	178	19832m	1.257	ng/ul	99
74) Fluoranthene	19.74	202	44872	2.340	ng/ul	99
77) Pyrene	20.10	202	60061	2.695	ng/ul	98
80) Benzo(a)anthracene	22.01	228	32991m	1.528	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	42975	3.619	ng/ul	96
82) Chrysene	22.08	228	41552	2.137	ng/ul	96
85) Benzo(b)fluoranthene	24.42	252	47121	2.112	ng/ul#	85
88) Benzo(a)pyrene	25.37	252	37494	1.735	ng/ul#	90
91) Benzo(g,h,i)perylene	30.83	276	37614	1.807	ng/ul#	88

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