

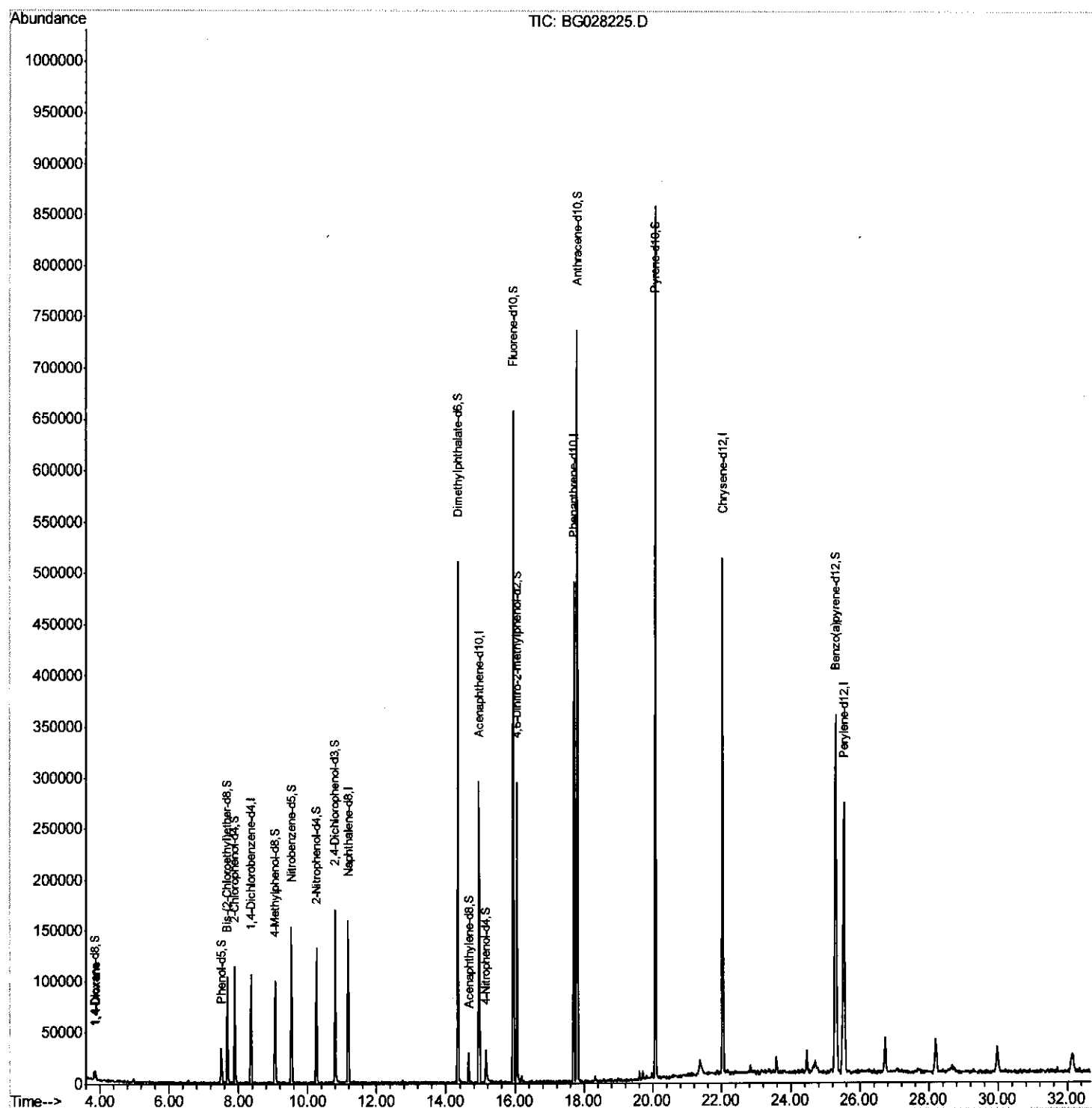
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:55:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



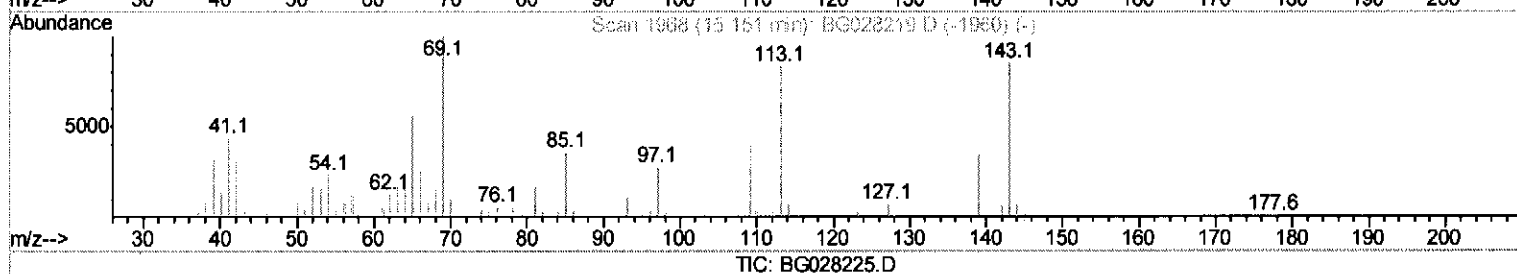
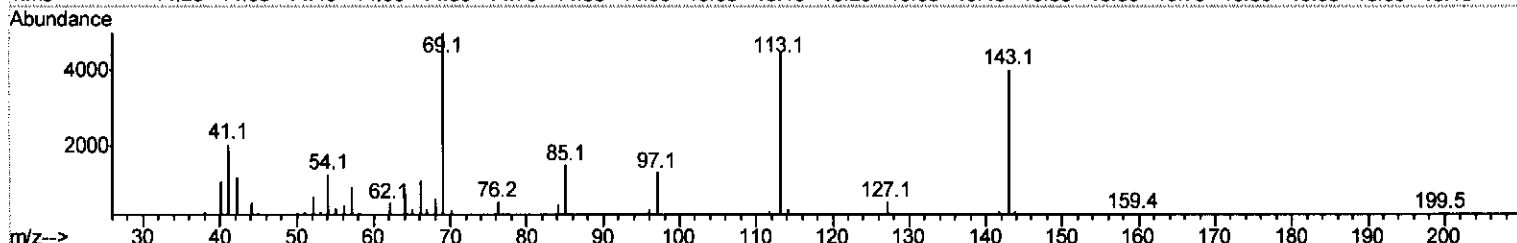
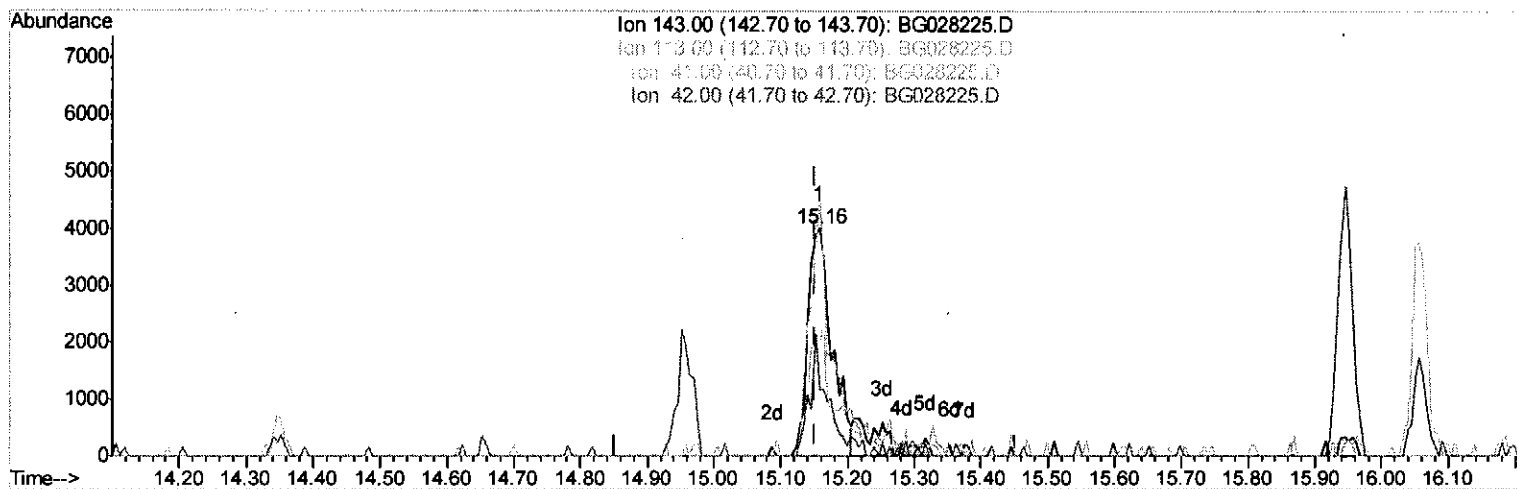
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C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:07:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



15.158min (+0.007) 7.09ng/ul

response 9977

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	111.18
41.00	58.00	50.61
42.00	42.20	28.65#

Quantitation Report (Qedit)

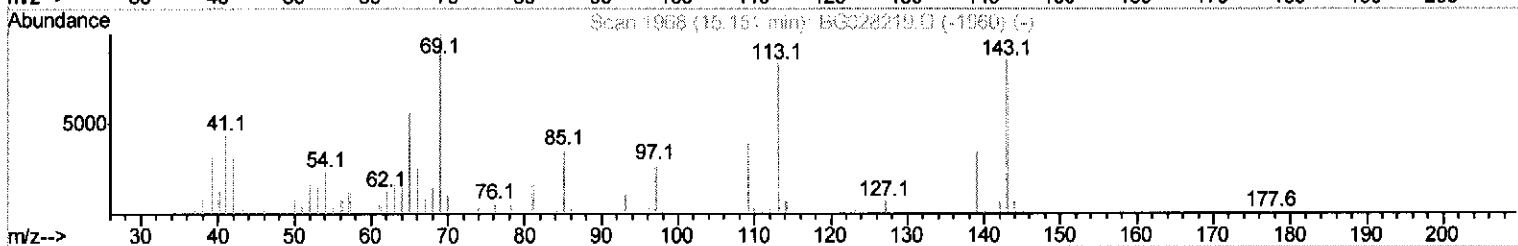
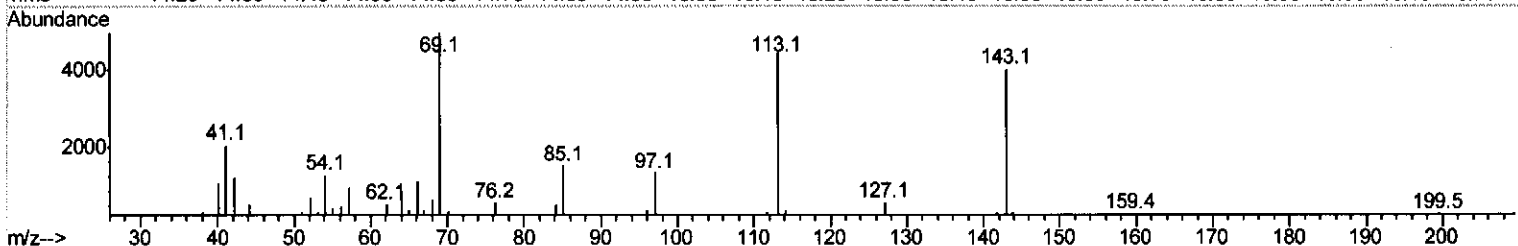
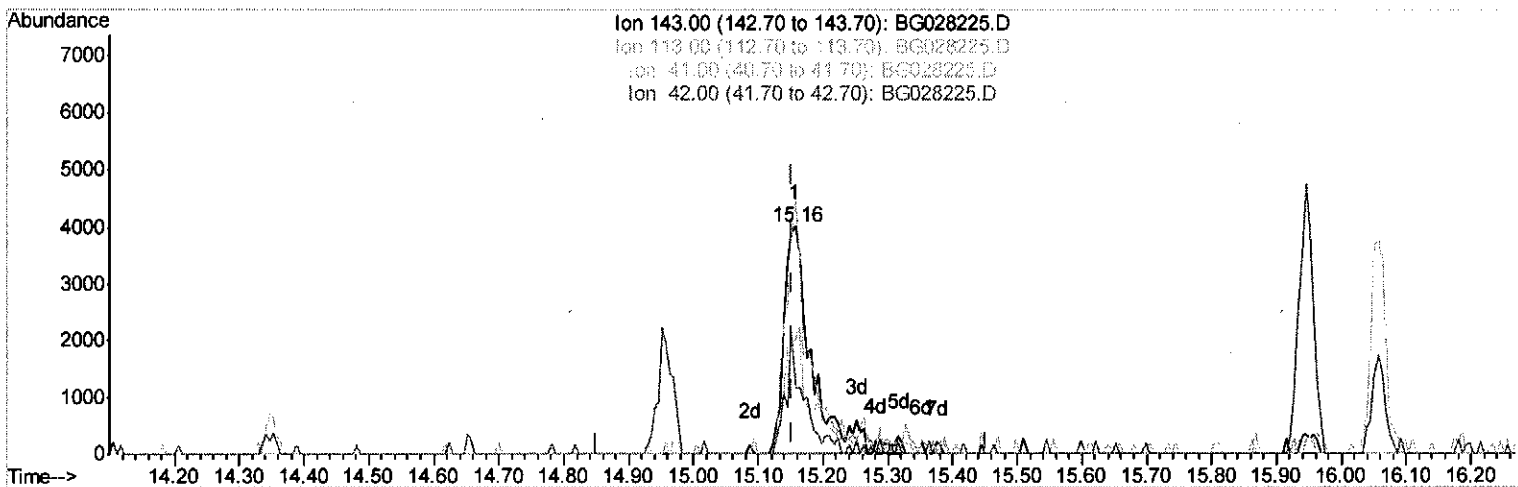
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:07:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



TIC: BG028225.D

(51) 4-Nitrophenol-d4 (S)

15.158min (+0.007) 8.22ng/ul m

response 11563

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	111.18
41.00	58.00	50.61
42.00	42.20	28.65#

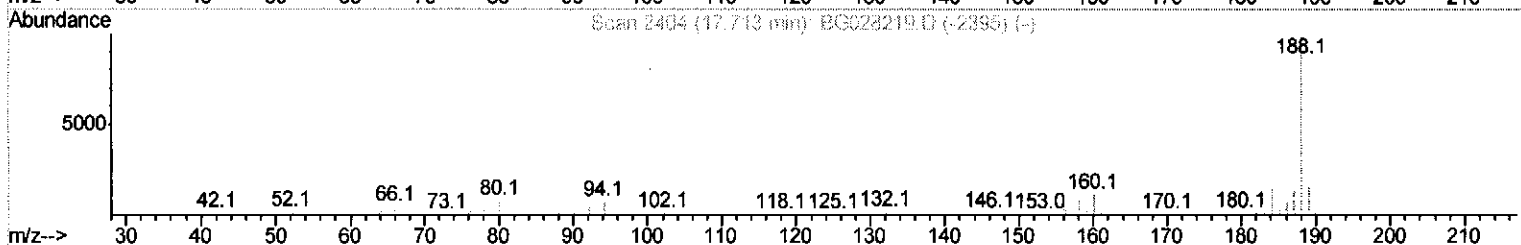
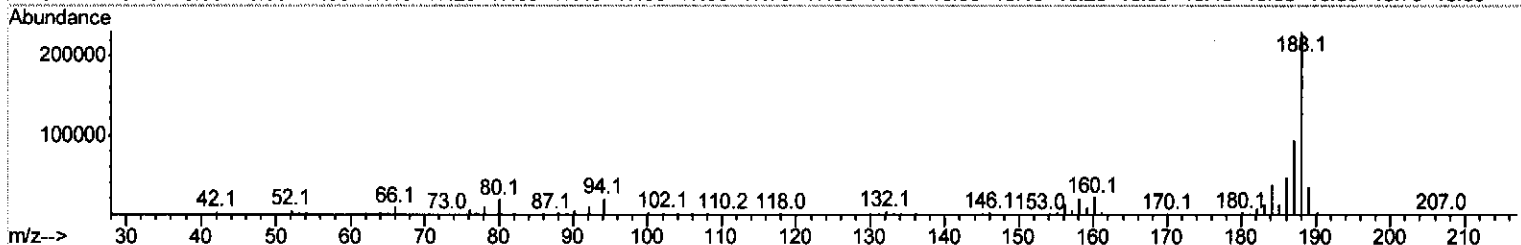
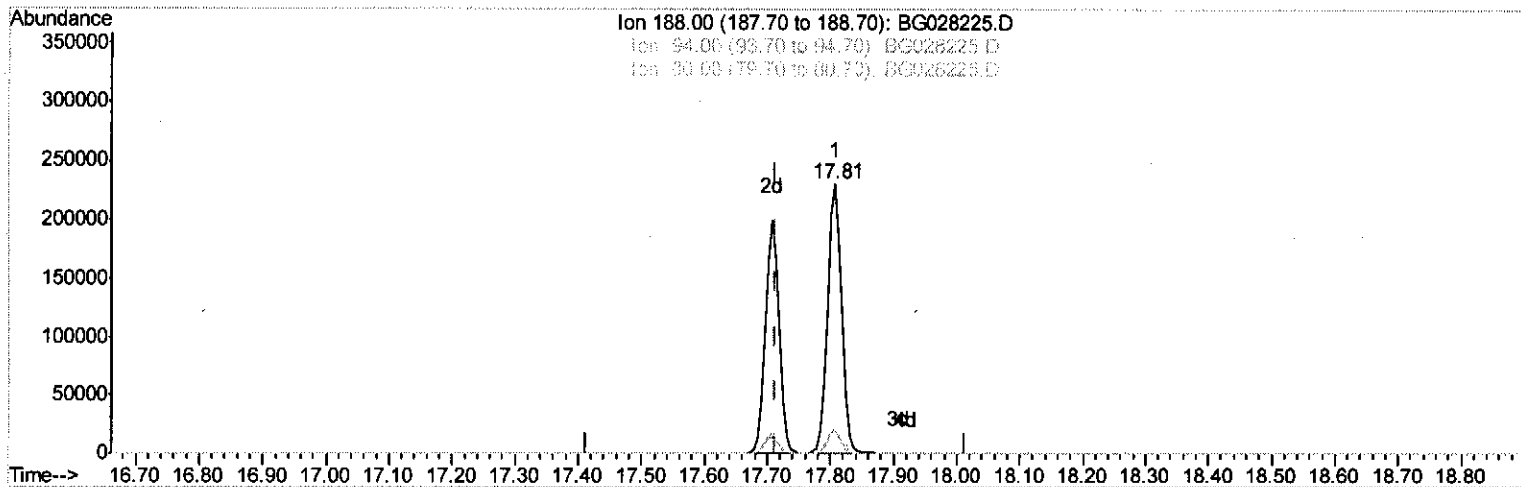
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:52:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



TIC: BG028225.D

(61) Phenanthrene-d10 (I)

17.808min (+0.095) 20.00ng/ul

response 358621

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.48
80.00	9.50	8.20
0.00	0.00	0.00

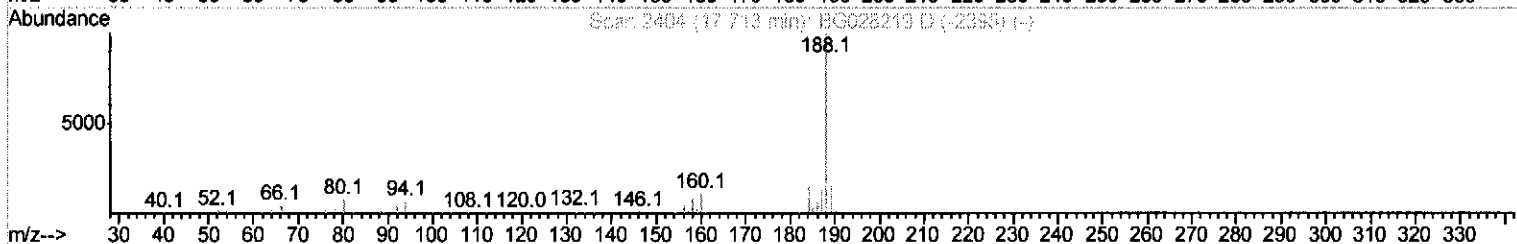
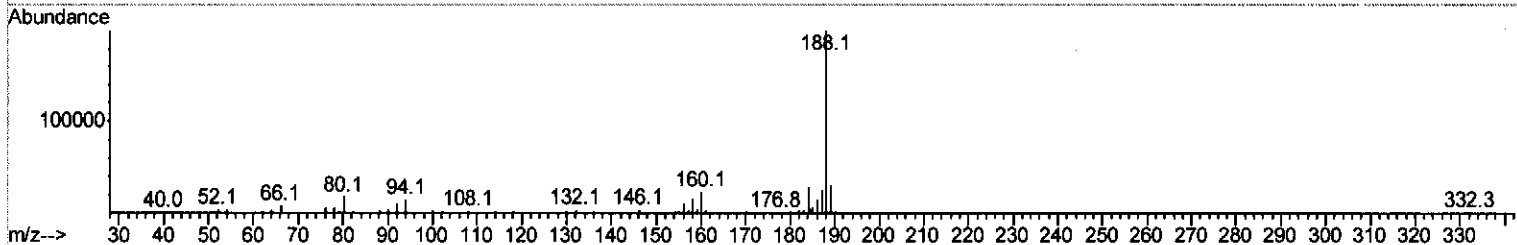
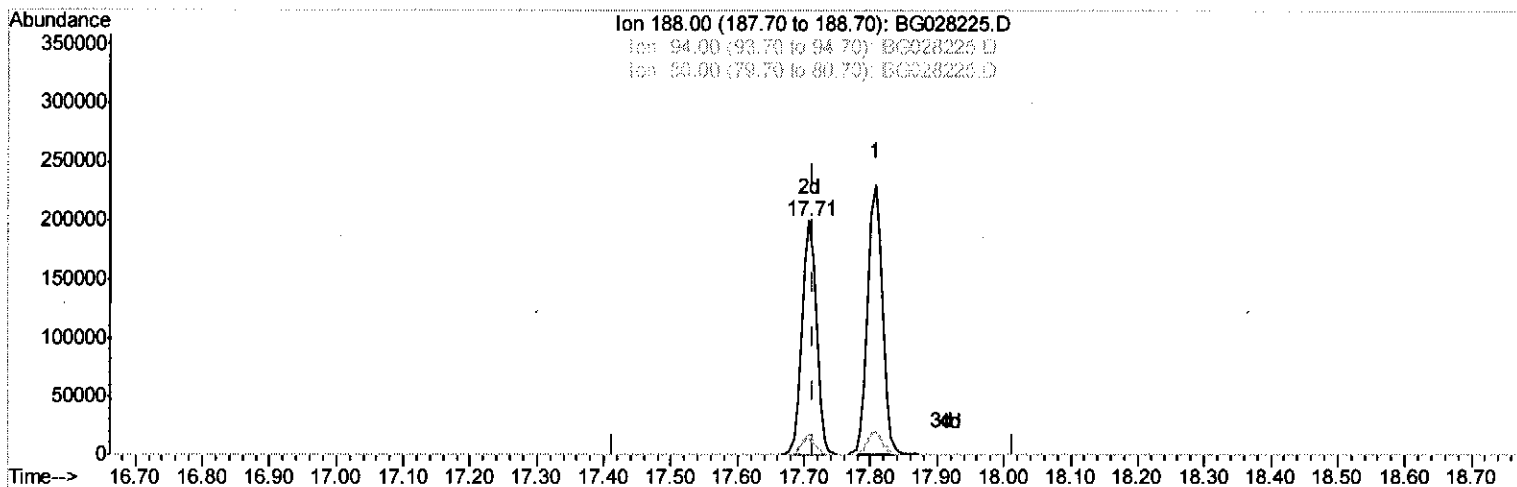
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:52:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



TIC: BG028225.D

(61) Phenanthrene-d10 (I)

17.708min (-0.005) 20.00ng/ul m

response 303964

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.97#
80.00	9.50	8.97
0.00	0.00	0.00

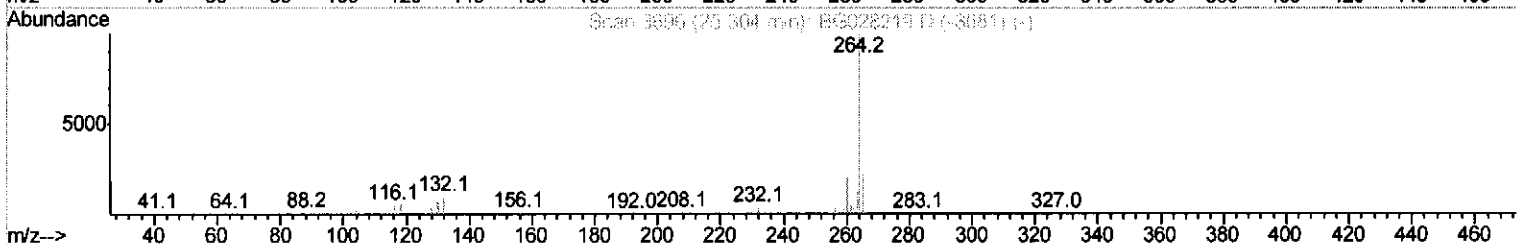
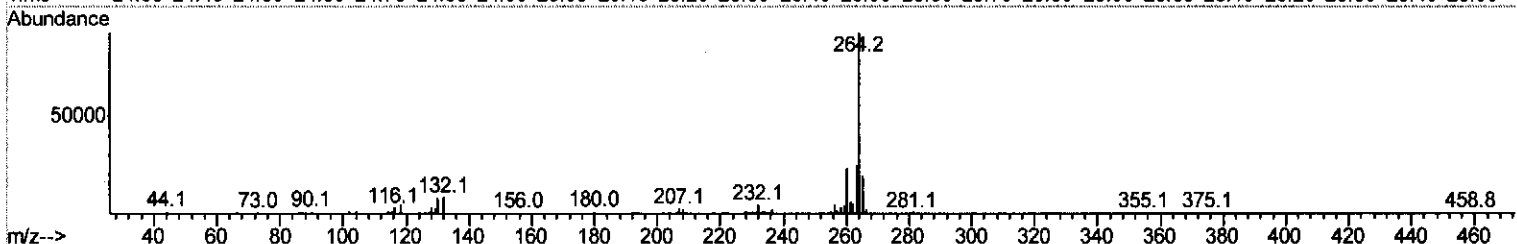
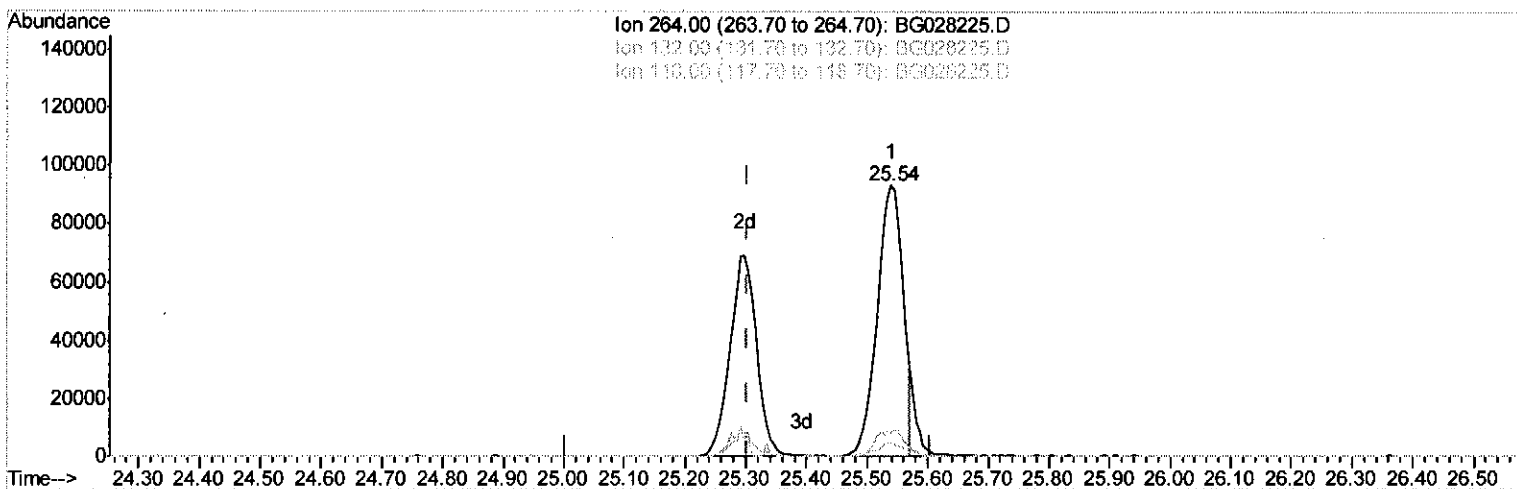
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:53:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



TIC: BG028225.D

(87) Benzo(a)pyrene-d12 (S)

25.540min (+0.236) 19.99ng/ul

response 276228

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	8.81
118.00	6.00	4.83
0.00	0.00	0.00

Quantitation Report (Qedit)

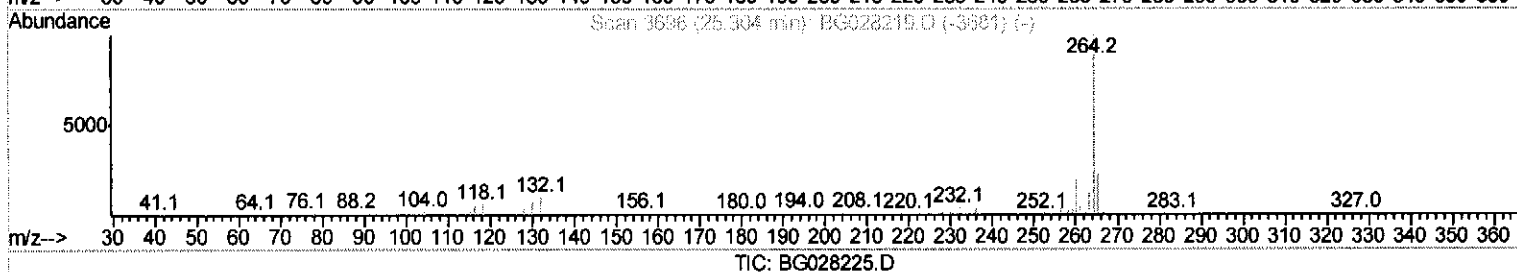
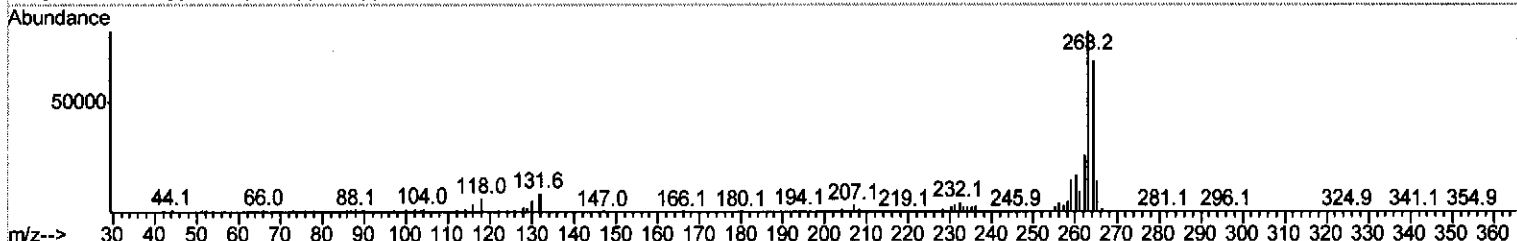
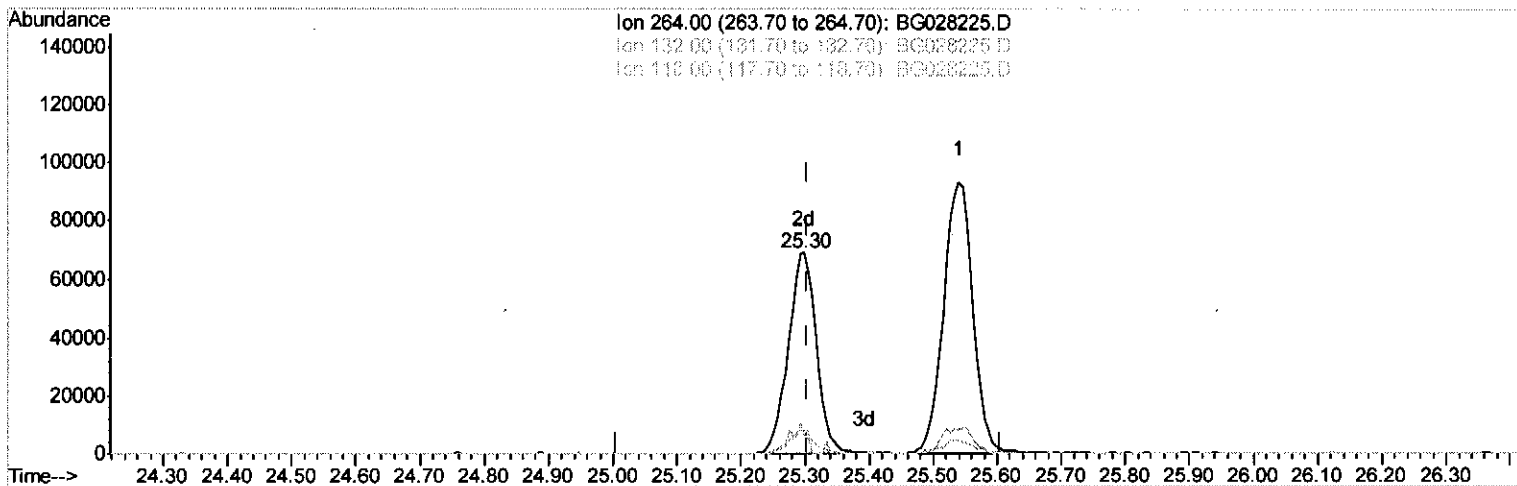
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028225.D
Acq On : 9 Aug 2017 14:32
Operator : SJ/JU
Sample : I4603-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C03B0

Manual Integrations
APPROVED

Sohil
8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:53:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 01:59:02 2017
Response via : Initial Calibration



(87) Benzo(a)pyrene-d12 (S)

25.299min (-0.005) 15.26ng/ul m

response 210986

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	11.50#
118.00	6.00	9.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028225.D
 Acq On : 9 Aug 2017 14:32
 Operator : SJ/JU
 Sample : I4603-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C03B0

Manual Integrations
 APPROVED

Sohil
 8/10/2017 6:10:01 PM

Quant Time: Aug 10 02:55:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 10 01:59:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	28545	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	130433	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	99516	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.71	188	303964m)	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	346956	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	295243	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3451	5.63	ng/uL	0.00
5) Phenol-d5	7.50	99	16565	5.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	59098	29.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	52471	26.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	33943	12.95	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	32625	31.99	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	39505	35.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	68521	29.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.34	131	1059	0.41	ng/ul	0.03
43) Dimethylphthalate-d6	14.35	166	339766	38.39	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	22274	2.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	11563m)	8.22	ng/ul	0.00
57) Fluorene-d10	15.95	176	268393	33.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	65384	33.11	ng/ul	-0.01
70) Anthracene-d10	17.81	188	358621	24.60	ng/ul	0.00
76) Pyrene-d10	20.08	212	450285	25.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	210986m)	15.26	ng/ul	0.00

Target Compounds				Ovalue	
2) 1,4-Dioxane	3.87	88	4412	6.853	ng/uL# 60

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