

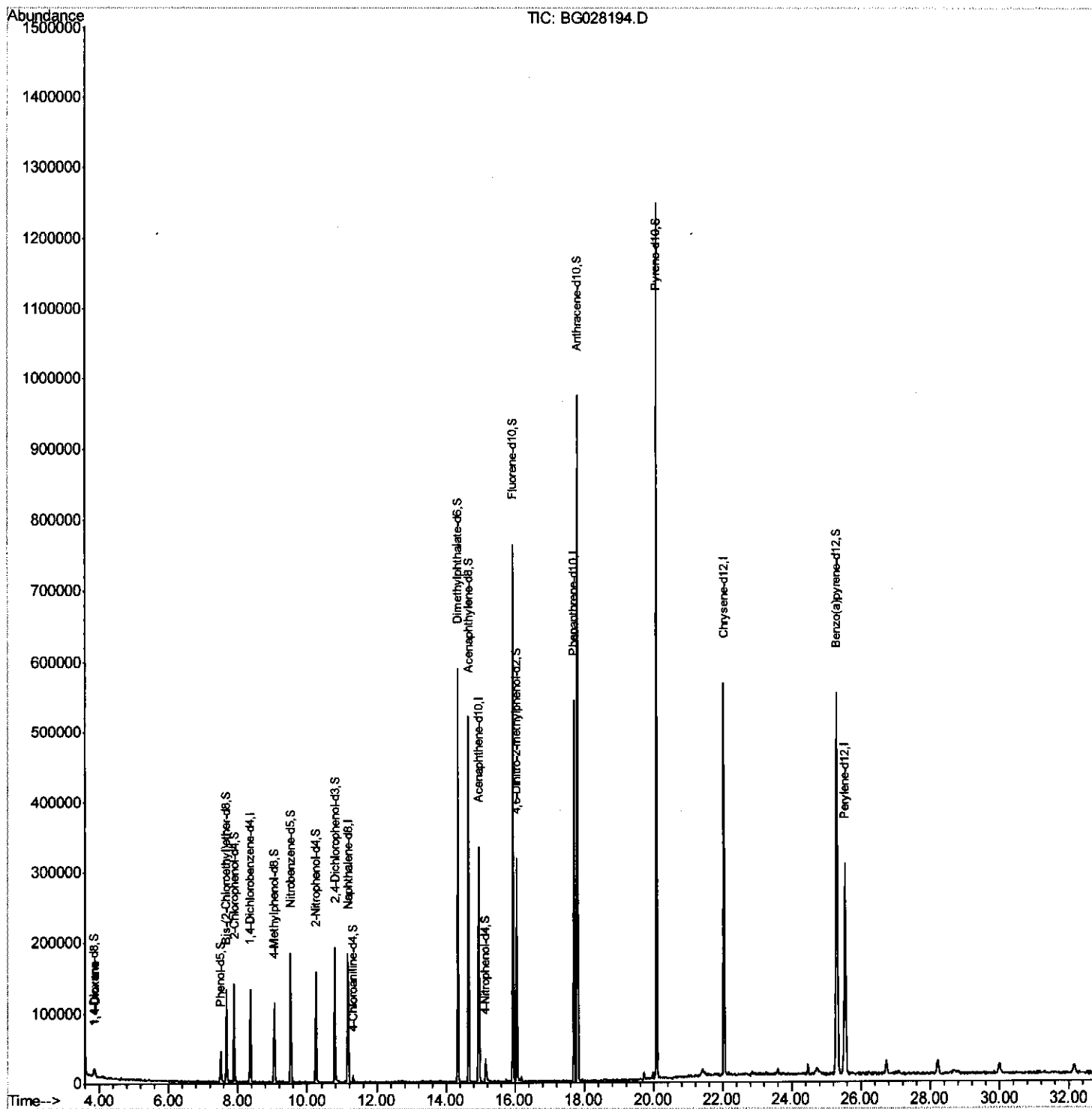
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028194.D
Acq On : 8 Aug 2017 17:44
Operator : SJ/JU
Sample : I4600-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C02Y7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:18:58 PM

Quant Time: Aug 09 02:13:39 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028194.D
Acq On : 8 Aug 2017 17:44
Operator : SJ/JU
Sample : I4600-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Y7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:18:58 PM

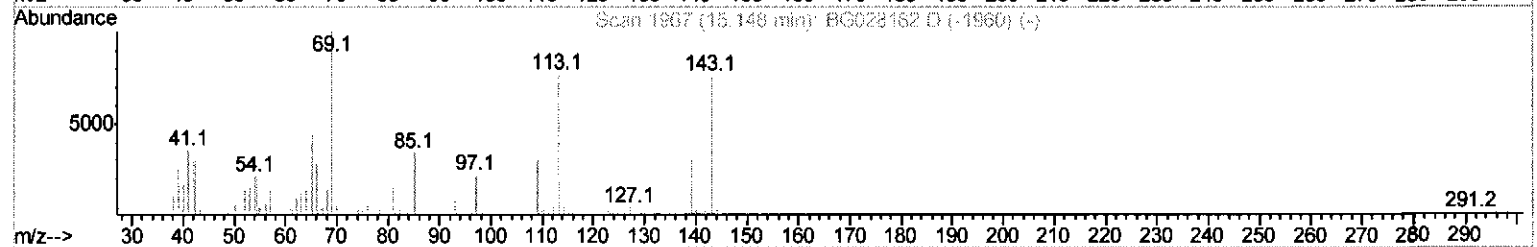
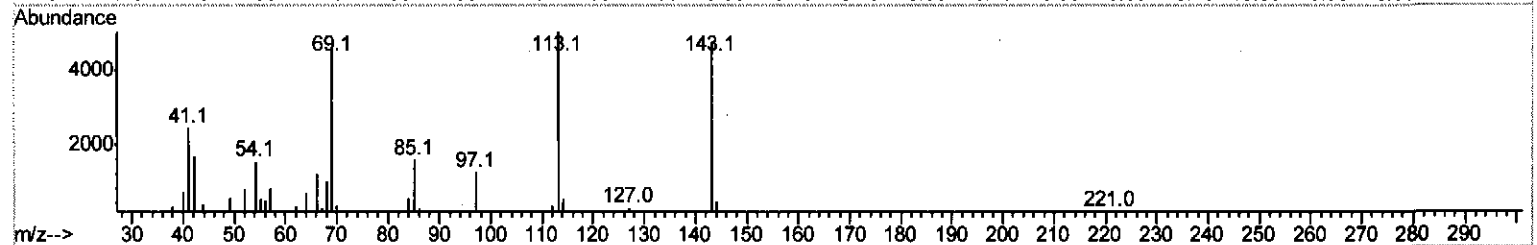
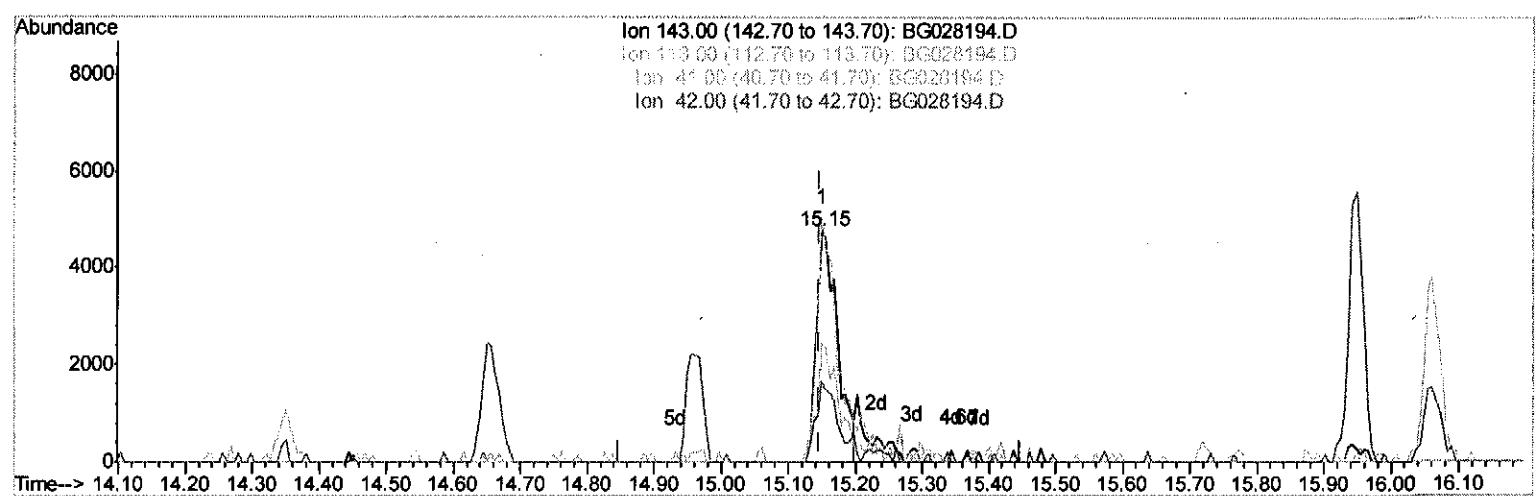
Quant Time: Aug 09 01:13:58 2017

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Aug 09 01:09:22 2017

Response via : Initial Calibration



TIC: BG028194.D

(51) 4-Nitrophenol-d4 (S)

15.150min (+0.002) 6.43ng/ul

response 10329

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	105.97
41.00	58.00	50.91
42.00	42.20	34.91

Quantitation Report (Qedit)

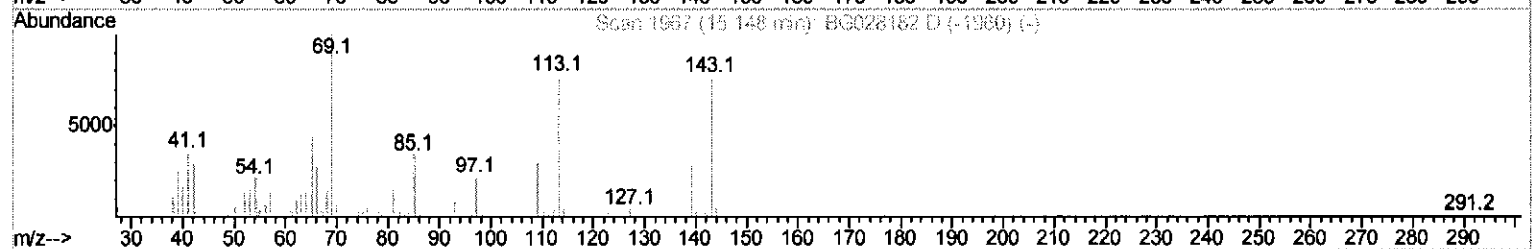
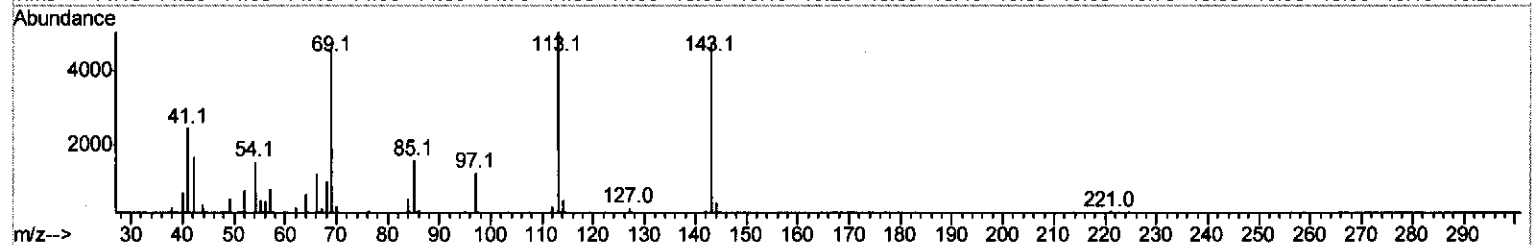
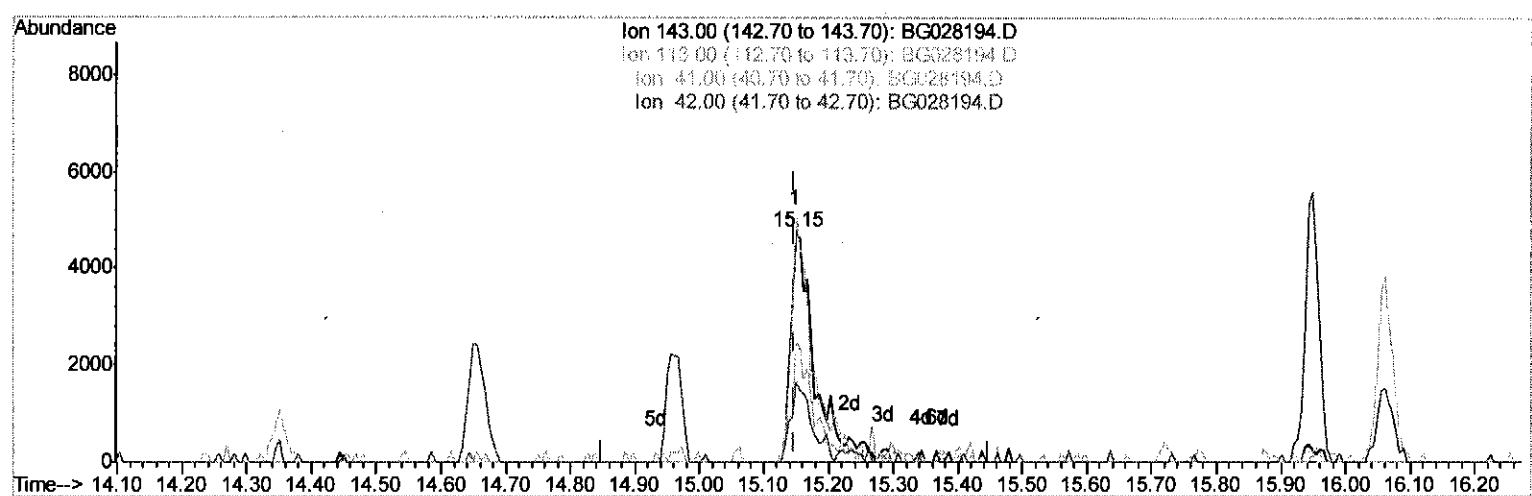
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028194.D
Acq On : 8 Aug 2017 17:44
Operator : SJ/JU
Sample : I4600-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Y7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:18:58 PM

Quant Time: Aug 09 01:13:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



TIC: BG028194.D

(51) 4-Nitrophenol-d4 (S)

15.150min (+0.002) 7.71ng/ul m *[Signature]* 8/14/17

response 12379

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	105.97
41.00	58.00	50.91
42.00	42.20	34.91

Quantitation Report (Qedit)

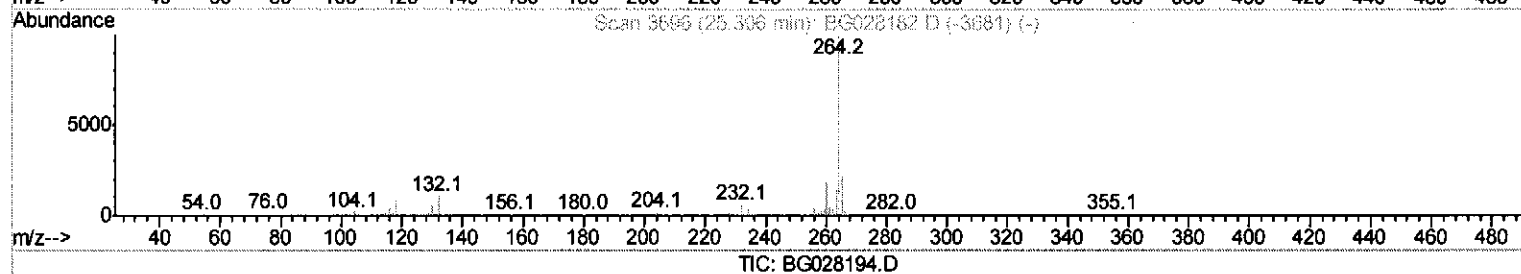
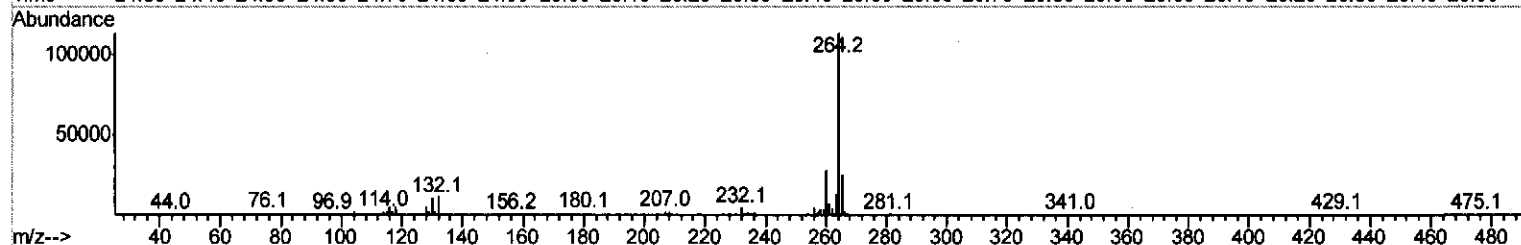
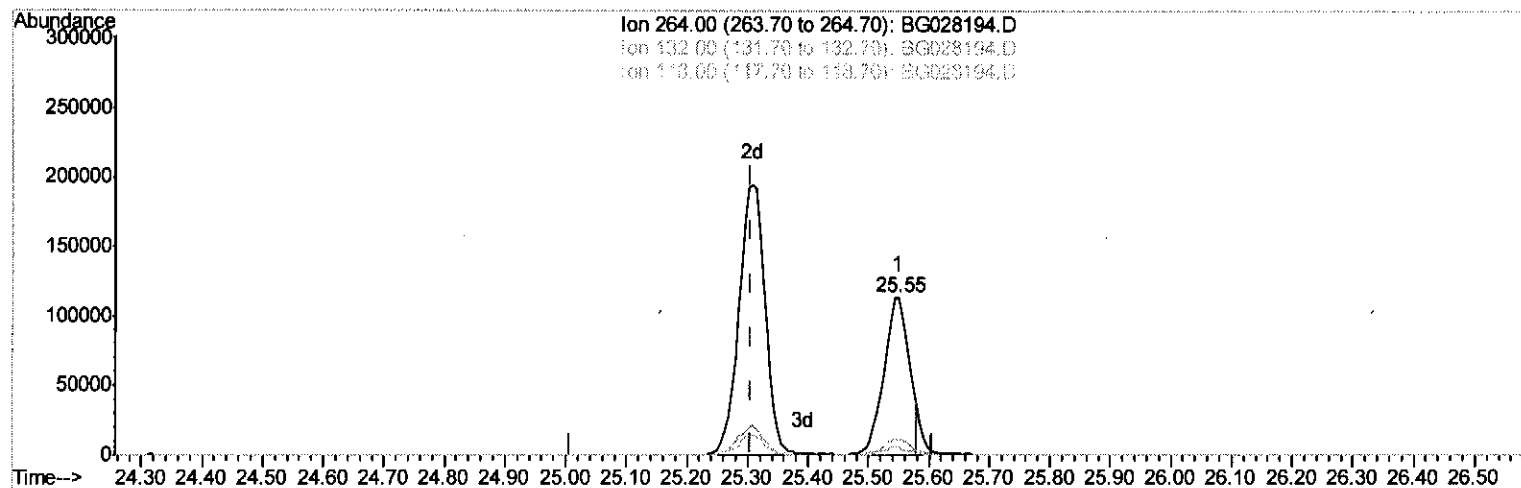
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028194.D
Acq On : 8 Aug 2017 17:44
Operator : SJ/JU
Sample : I4600-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Y7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:18:58 PM

Quant Time: Aug 09 02:12:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



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

25.549min (+0.243) 20.25ng/ul

response 325547

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	9.67
118.00	6.00	5.49
0.00	0.00	0.00

Quantitation Report (Qedit)

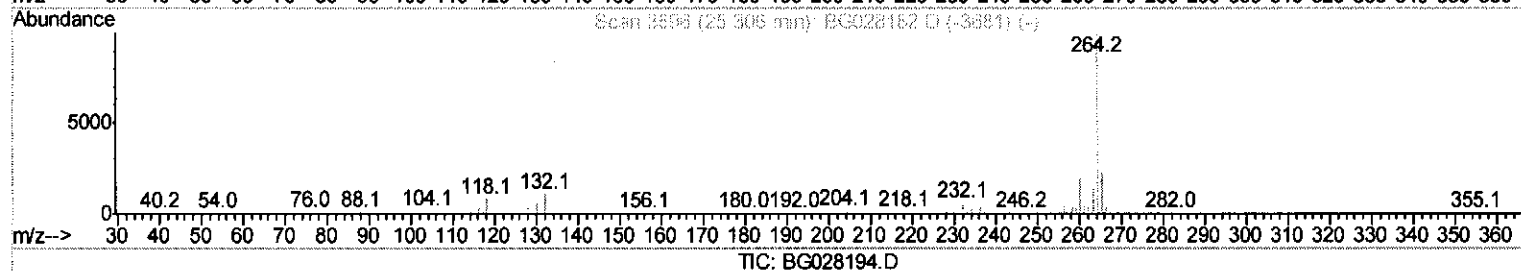
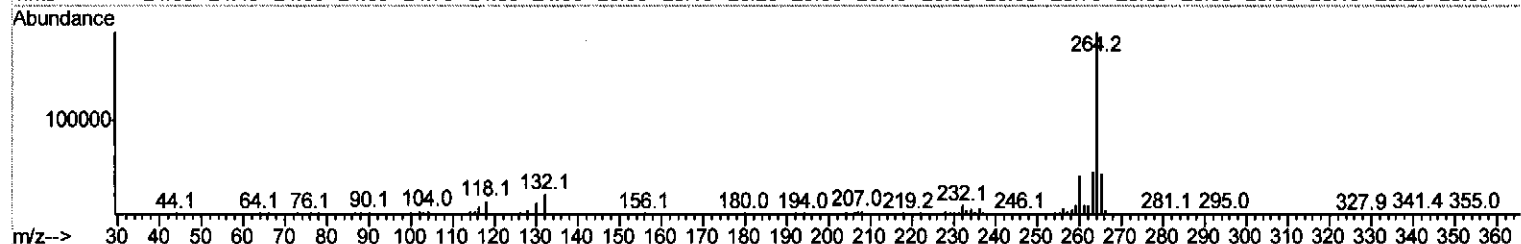
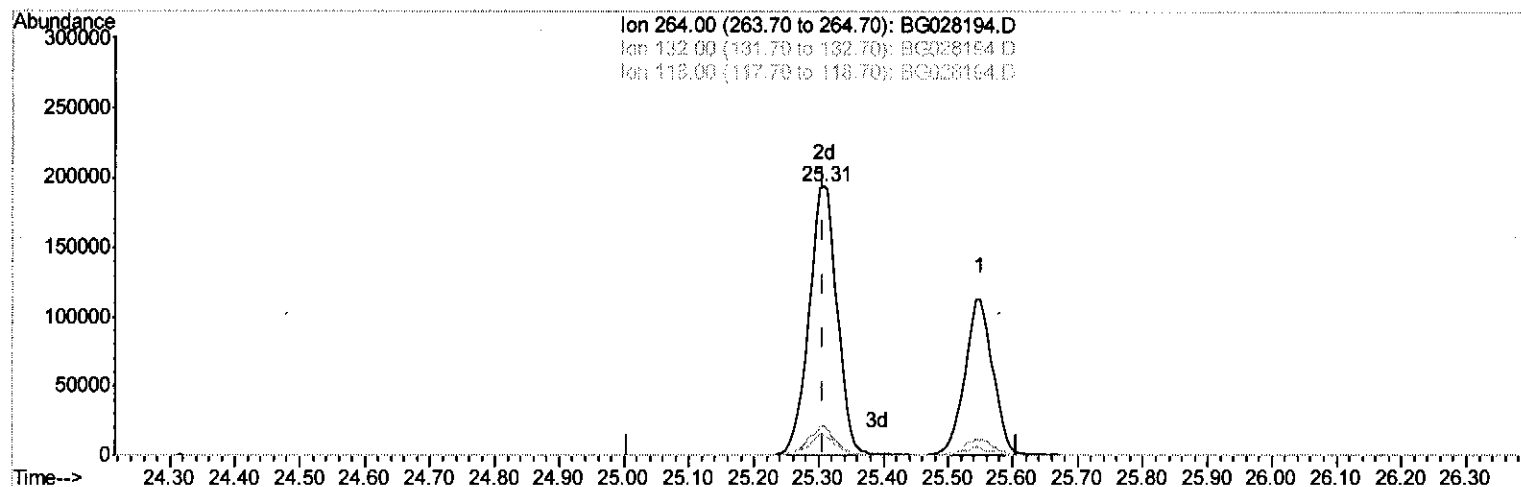
Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
Data File : BG028194.D
Acq On : 8 Aug 2017 17:44
Operator : SJ/JU
Sample : I4600-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C02Y7

Manual Integrations
APPROVED

Sohil
8/9/2017 7:18:58 PM

Quant Time: Aug 09 02:12:00 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 09 01:09:22 2017
Response via : Initial Calibration



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

25.308min (+0.002) 36.32ng/ul m

response 583990

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	10.94#
118.00	6.00	7.10
0.00	0.00	0.00

Handwritten signature
8/14/17

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080817\
 Data File : BG028194.D
 Acq On : 8 Aug 2017 17:44
 Operator : SJ/JU
 Sample : I4600-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C02Y7

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:18:58 PM

Quant Time: Aug 09 02:13:39 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 09 01:09:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	35765	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	148937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	113602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	339711	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	357058	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	343446	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3739	4.87	ng/uL	0.00
5) Phenol-d5	7.50	99	24066	6.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	69983	28.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	58864	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	44710	13.62	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38365	32.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	46597	36.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	77346	29.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	5998	2.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	378388	37.45	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	382858	33.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	12379m	7.71	ng/ul	0.00
57) Fluorene-d10	15.95	176	316795	34.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	70093	31.76	ng/ul	0.00
70) Anthracene-d10	17.81	188	589728	36.20	ng/ul	0.00
76) Pyrene-d10	20.08	212	687259	37.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	583990m	36.32	ng/ul	0.00

Target Compounds				Ovalue	
2) 1,4-Dioxane	3.88	88	5596	6.937	ng/uL# 86

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