

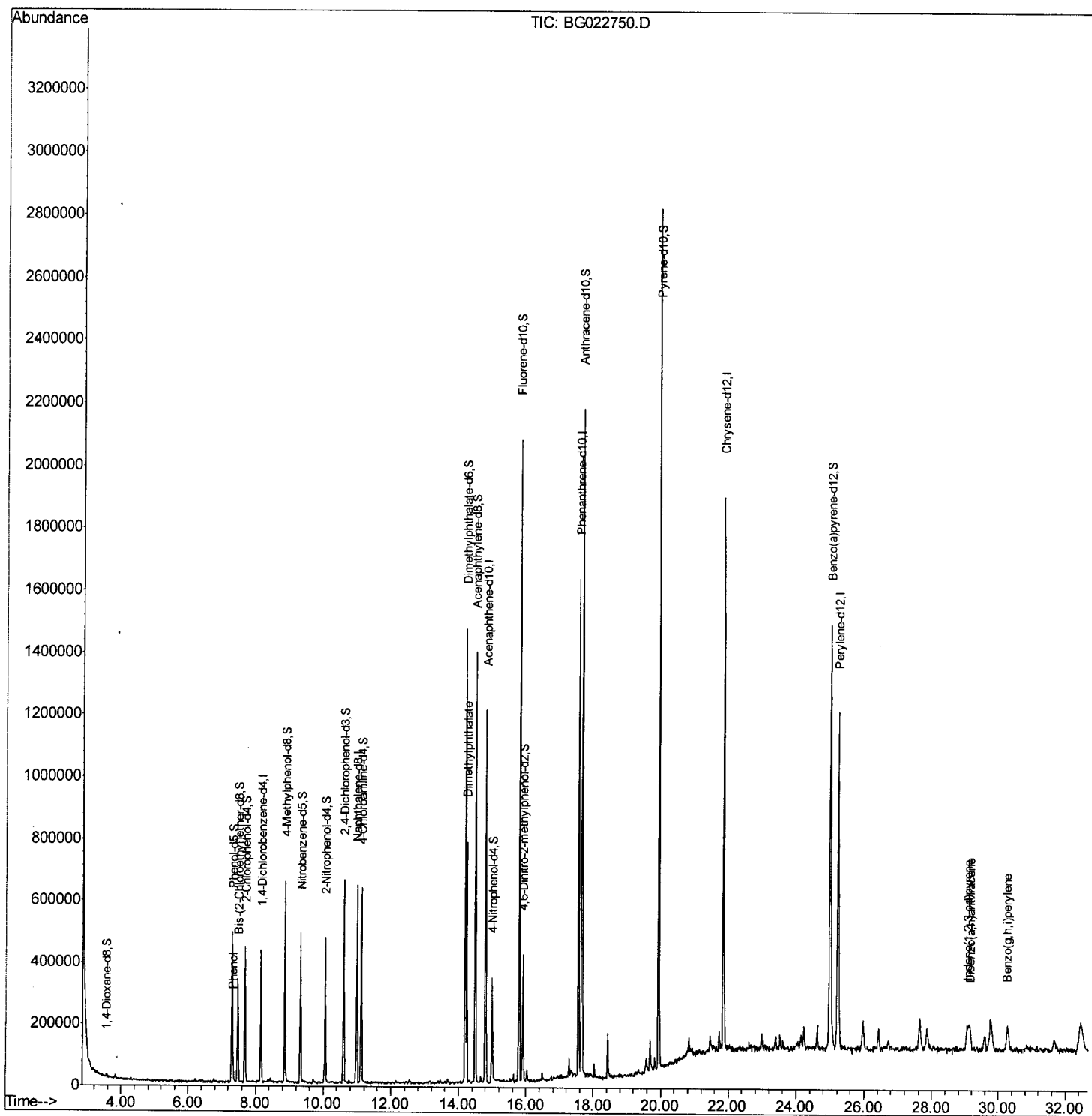
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022750.D
Acq On : 1 Jul 2016 6:20
Operator : UM/SJ
Sample : H3759-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA G
ClientSampleId :
BDHQ8

Manual Integration

Quant Time: Jul 01 08:33:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:12:10 2016
Response via : Initial Calibration

APPROVED
sohil
7/1/2016 7:05:28 PM



Quantitation Report (Qedit)

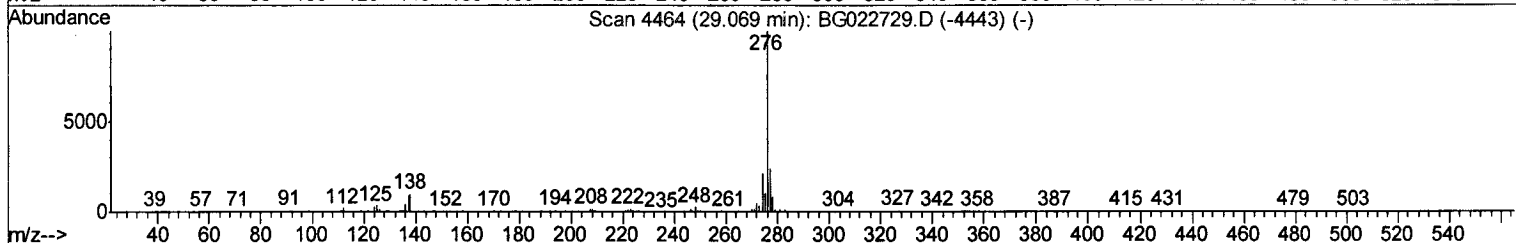
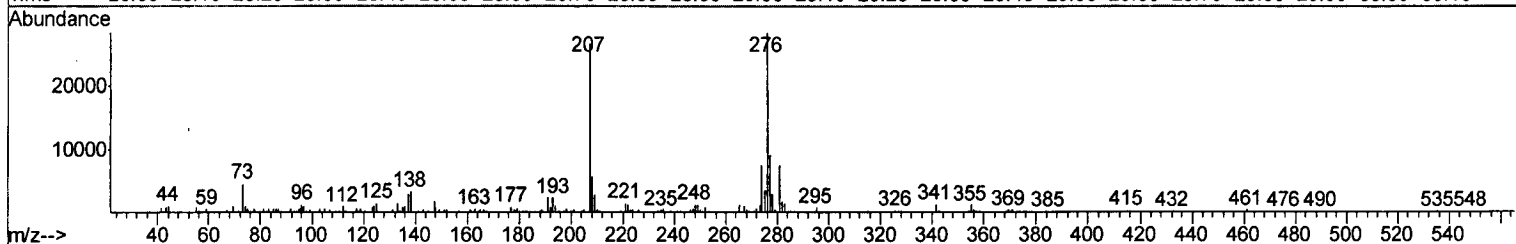
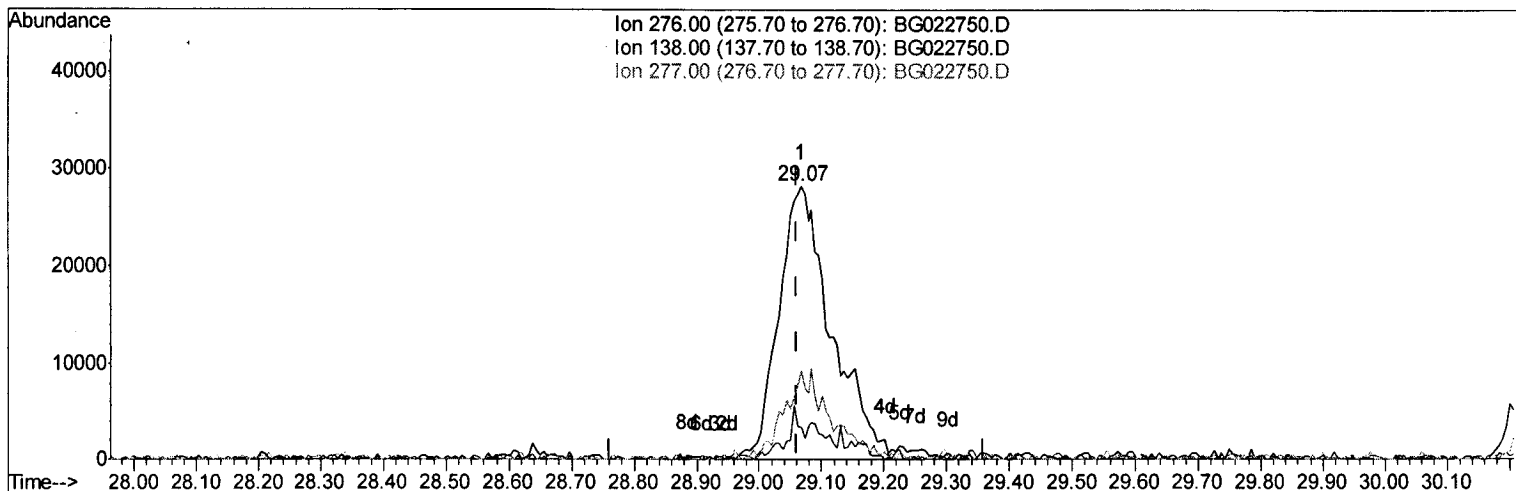
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022750.D
 Acq On : 1 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3759-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 BDHQ8

Manual Integration

Quant Time: Jul 01 08:16:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 08:12:10 2016
 Response via : Initial Calibration

sohil APPROVED
 7/1/2016 7:05:28 PM



TIC: BG022750.D

(89) Indeno(1,2,3-cd)pyrene

29.067min (+0.006) 2.18ng/ul m U.M.

response 167534

07/02/16

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	11.83#
277.00	22.00	32.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

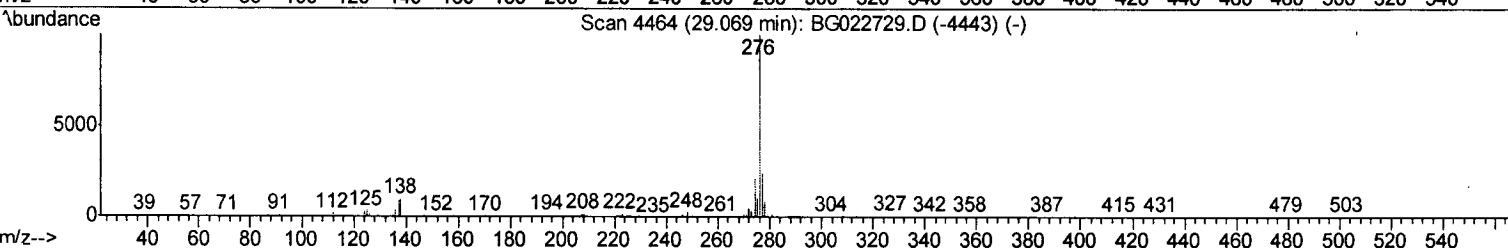
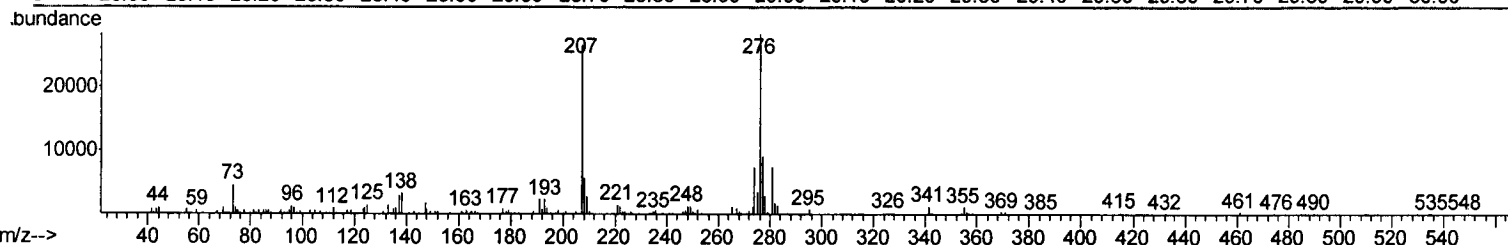
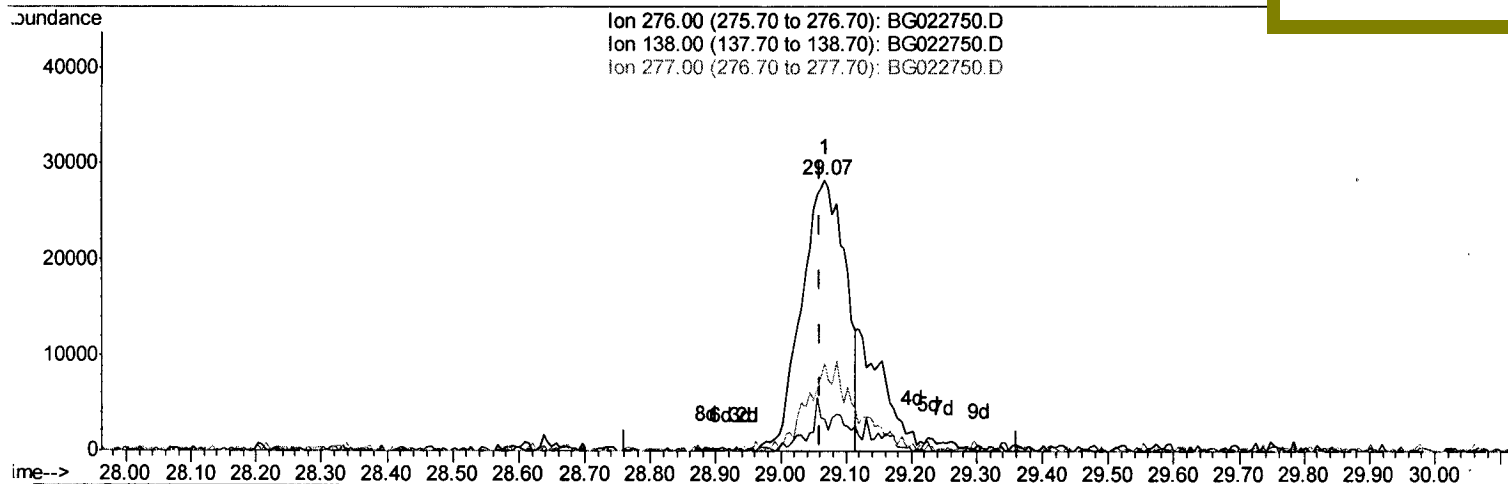
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022750.D
 Acq On : 1 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3759-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 BDHQ8

Quant Time: Jul 01 08:16:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 08:12:10 2016
 Response via : Initial Calibration

Manual Integration

sohil APPROVED
 7/1/2016 7:05:28 PM



TIC: BG022750.D

(89) Indeno(1,2,3-cd)pyrene

29.067min (+0.006) 1.72ng/ui

response 132441

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	11.83#
277.00	22.00	32.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

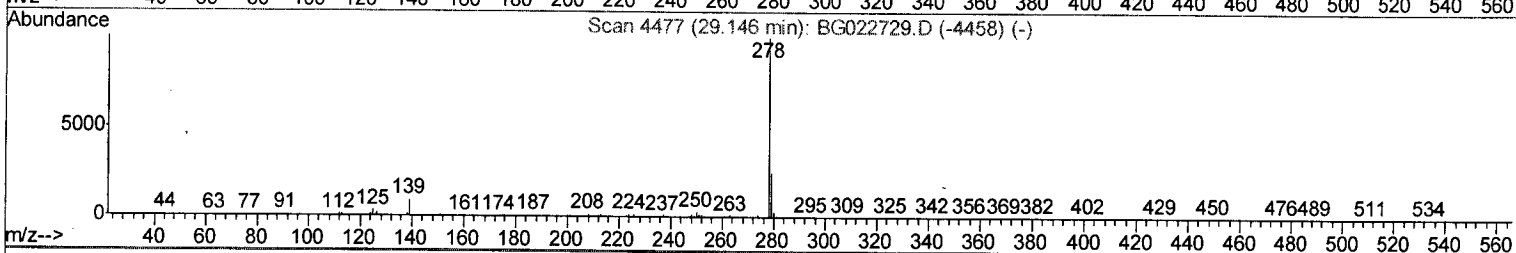
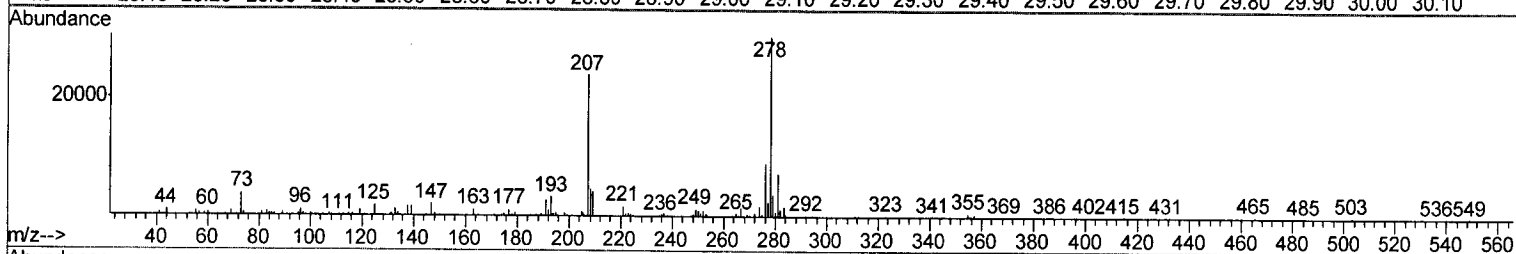
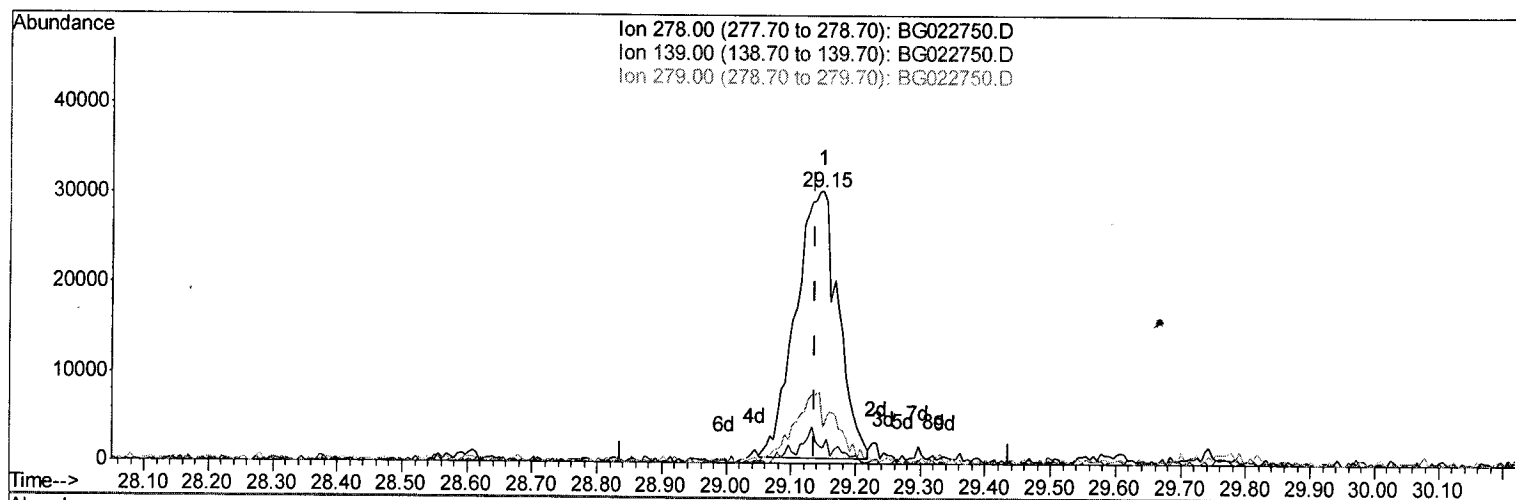
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022750.D
 Acq On : 1 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3759-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 BDHQ8

Manual Integration

Quant Time: Jul 01 08:16:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 08:12:10 2016
 Response via : Initial Calibration

sohil
 7/1/2016 7:05:28 PM



TIC: BG022750.D

(90) Dibenzo(a,h)anthracene

29.149min (+0.012) 2.14ng/ul m U.M.

response 136310

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	6.02#
279.00	23.90	13.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

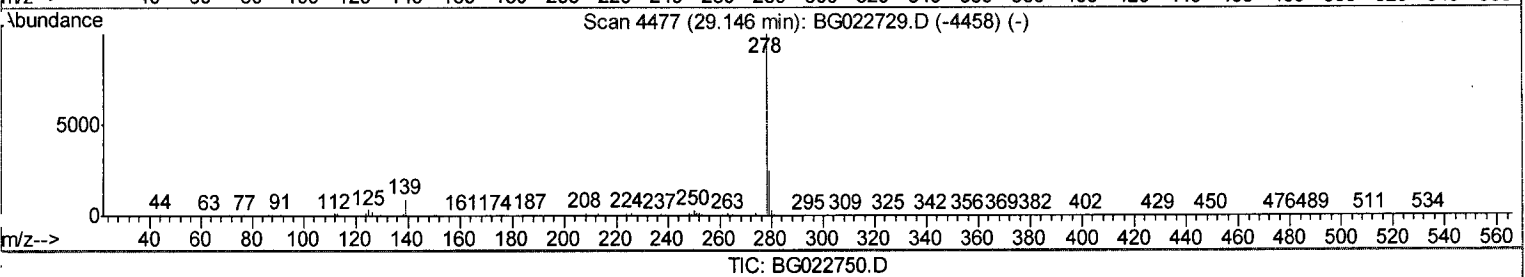
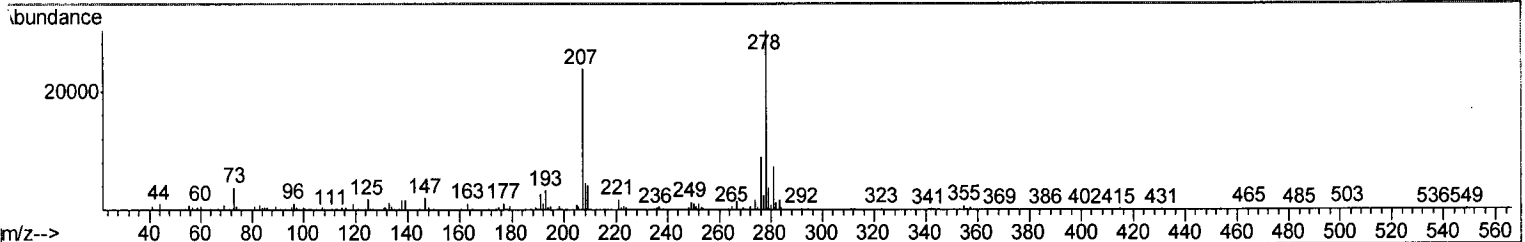
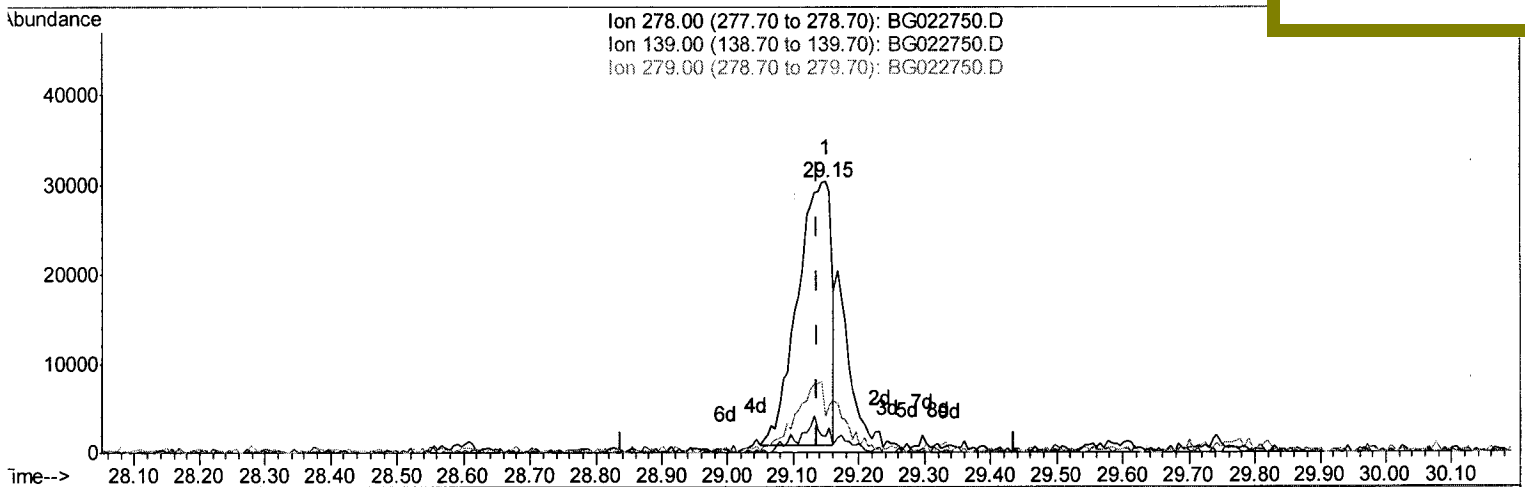
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022750.D
Acq On : 1 Jul 2016 6:20
Operator : UM/SJ
Sample : H3759-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHQ8

Quant Time: Jul 01 08:16:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:12:10 2016
Response via : Initial Calibration

Manual Integration

sohil
7/1/2016 7:05:28 PM



(90) Dibenzo(a,h)anthracene

29.149min (+0.012) 1.69ng/ul

response 107358

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	6.02#
279.00	23.90	13.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

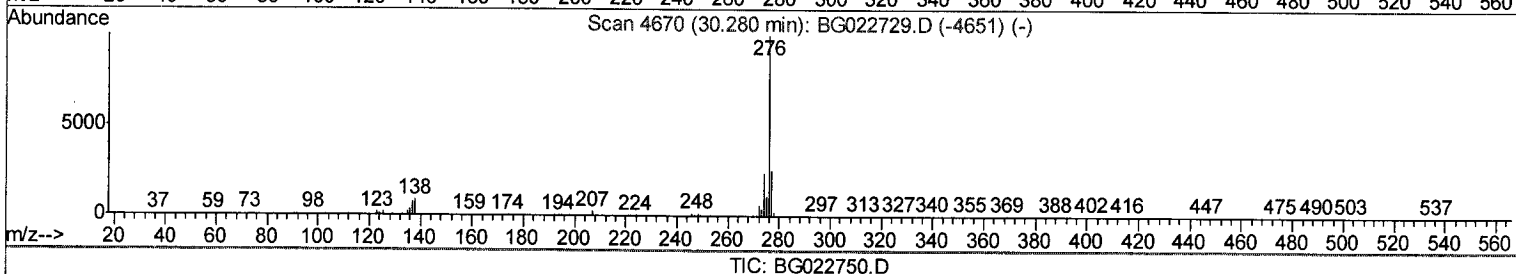
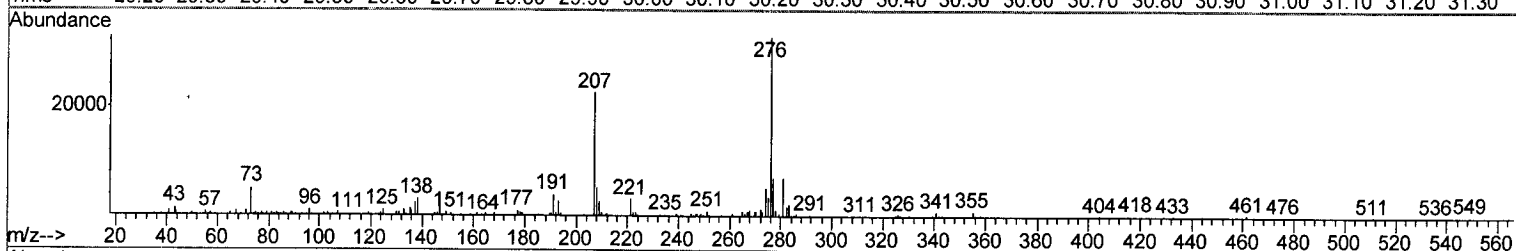
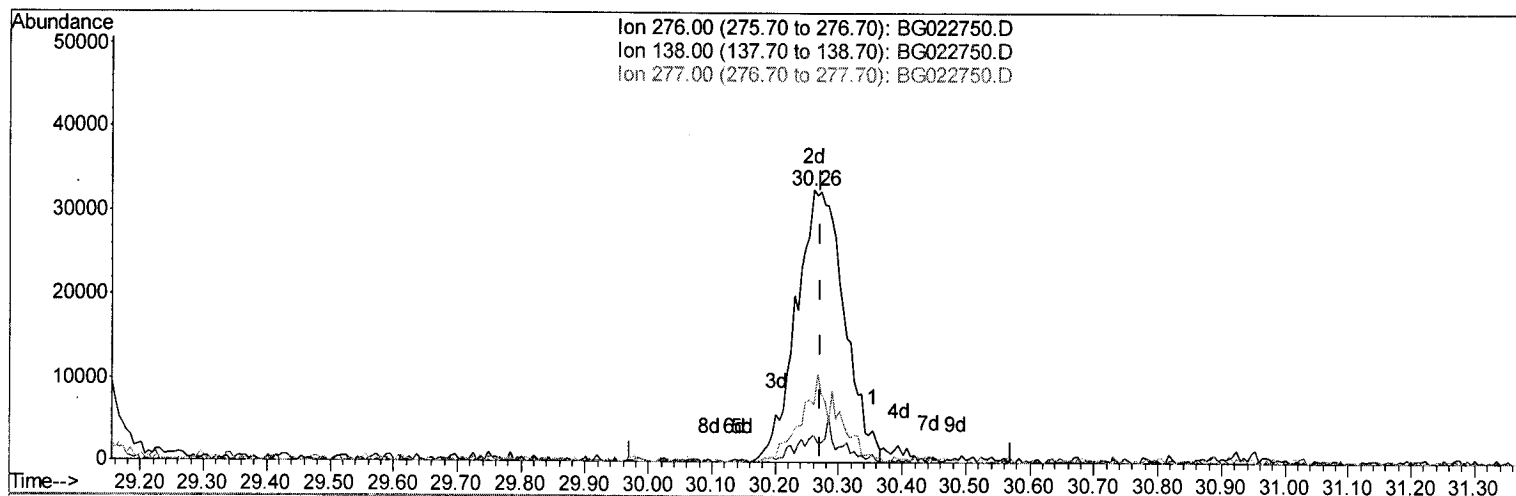
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022750.D
 Acq On : 1 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3759-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHQ8

Manual Integration

Quant Time: Jul 01 08:16:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 08:12:10 2016
 Response via : Initial Calibration

APPROVED
 sohil
 7/1/2016 7:05:28 PM



(91) Benzo(g,h,i)perylene

30.260min (-0.011) 2.86ng/ul m

response 172270

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	9.85#
277.00	21.20	21.49
0.00	0.00	0.00

U.M.
 07/02/16

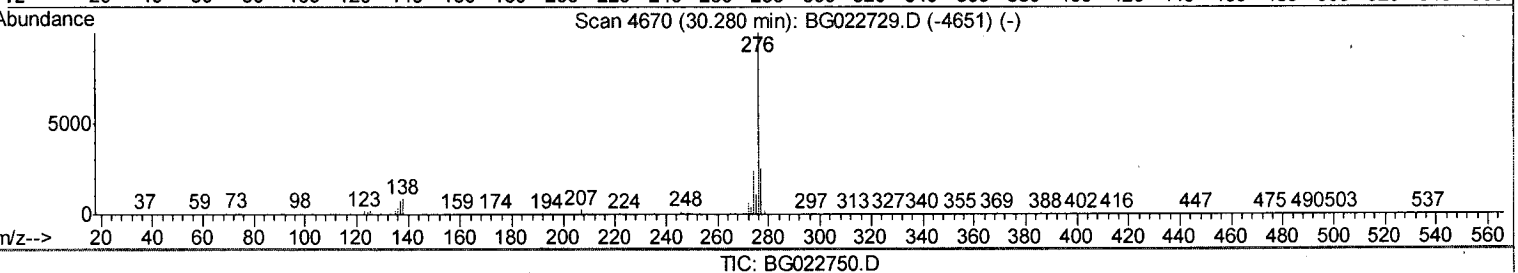
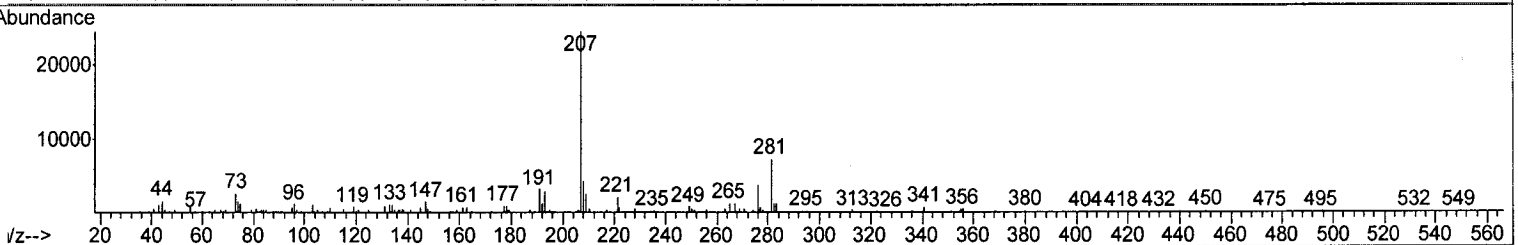
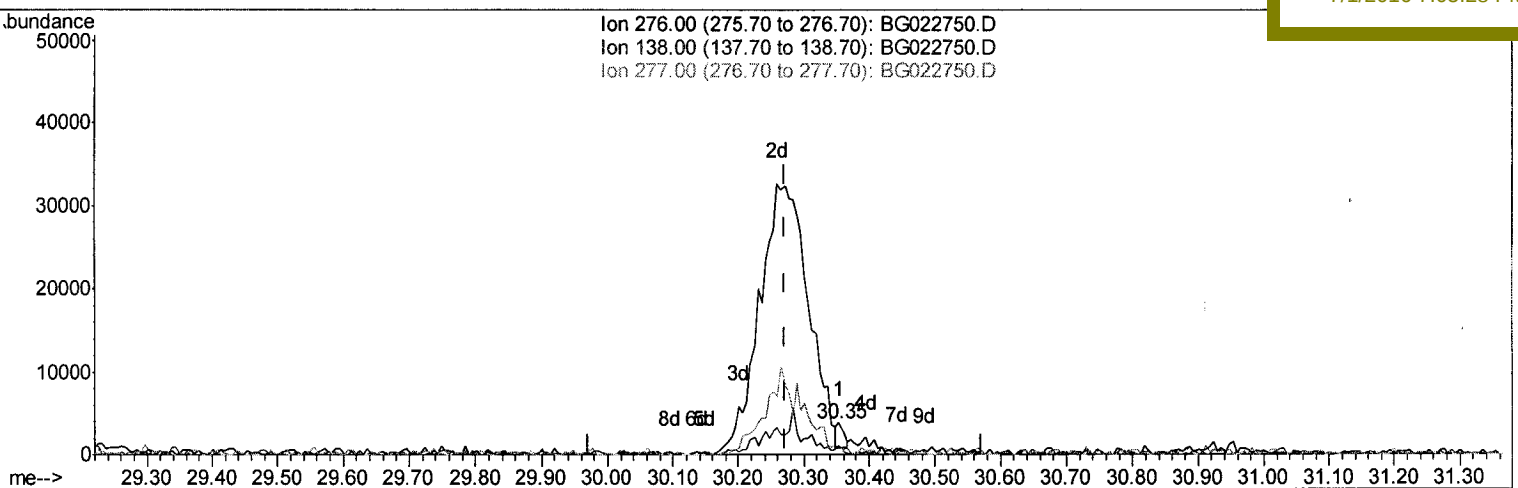
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022750.D
Acq On : 1 Jul 2016 6:20
Operator : UM/SJ
Sample : H3759-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHQ8

Manual Integration

sohil
7/1/2016 7:05:28 PM

Quant Time: Jul 01 08:16:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:12:10 2016
Response via : Initial Calibration



(91) Benzo(g,h,i)perylene

30.354min (+0.083) 0.03ng/ul

response 1948

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	29.01
277.00	21.20	21.25
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022750.D
 Acq On : 1 Jul 2016 6:20
 Operator : UM/SJ
 Sample : H3759-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHQ8

Quant Time: Jul 01 08:33:23 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 08:12:10 2016
 Response via : Initial Calibration

Manual Integration

sohil
 7/1/2016 7:05:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	118719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	521485	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	407700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1014190	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1174846	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1225962	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	5125	2.41	ng/uL	0.00
5) Phenol-d5	7.30	99	301657	24.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	176798	25.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	200900	24.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	231801	23.90	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	104408	25.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	125785	25.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	249321	23.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	308049	34.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	923028	27.87	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1010950	26.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	80749	15.53	ng/ul	0.00
57) Fluorene-d10	15.79	176	879649	28.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	94093	14.43	ng/ul	0.00
70) Anthracene-d10	17.65	188	1287559	27.31	ng/ul	0.00
76) Pyrene-d10	19.94	212	1566689	27.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1588583	27.27	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.33	94	26549	2.08	ng/ul#	64
44) Dimethylphthalate	14.24	163	459668	13.59	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.07	276	167534m	2.18	ng/ul	
90) Dibenzo(a,h)anthracene	29.15	278	136310m	2.14	ng/ul	
91) Benzo(g,h,i)perylene	30.26	276	172270m	2.86	ng/ul	

U.M.
 07/02/16

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