

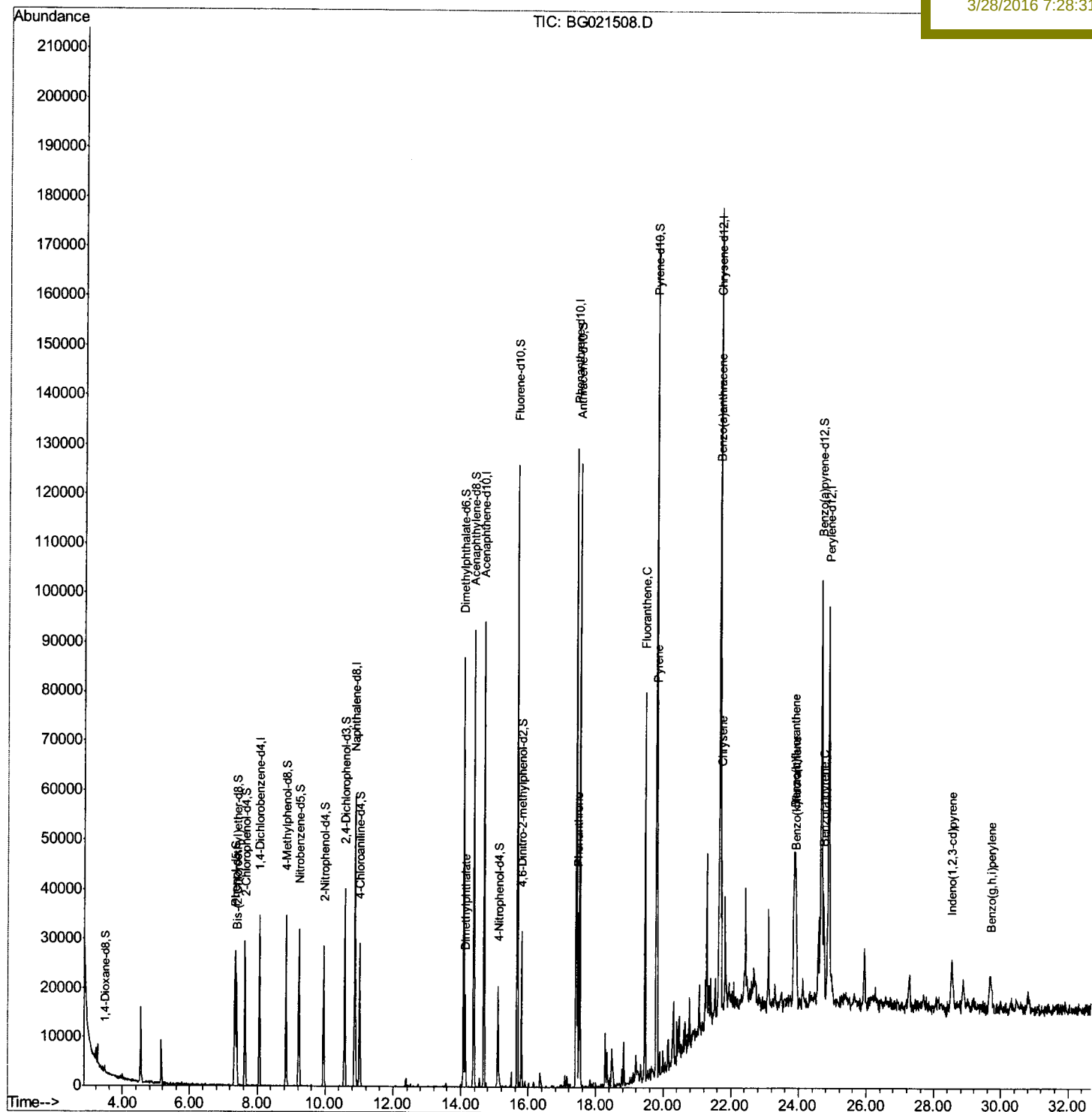
Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
Data File : BG021508.D
Acq On : 25 Mar 2016 10:21
Operator : UM/SJ
Sample : H1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 26 00:17:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4T40

Manual Integrations
APPROVED

Sohil
3/28/2016 7:28:31 PM



Quantitation Report (Qedit)

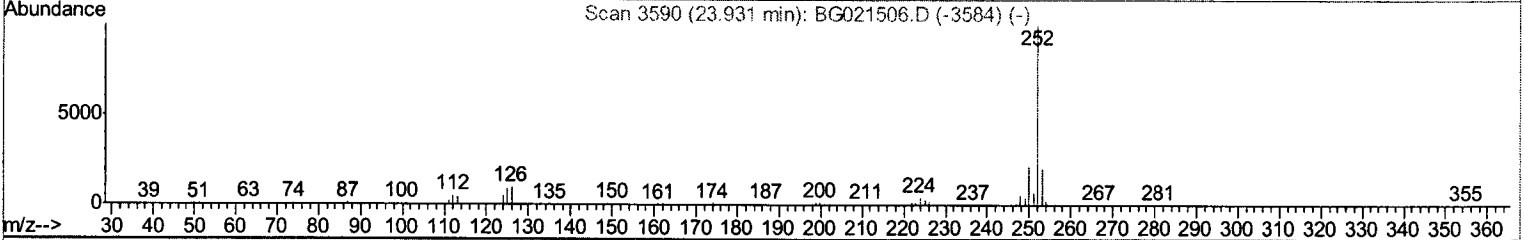
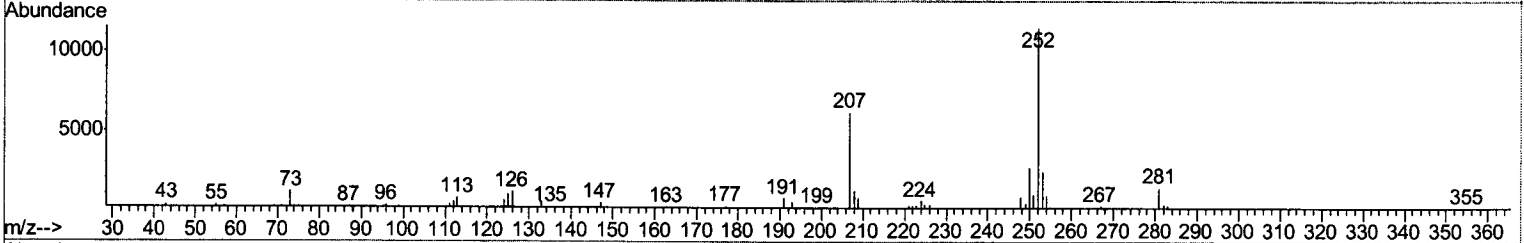
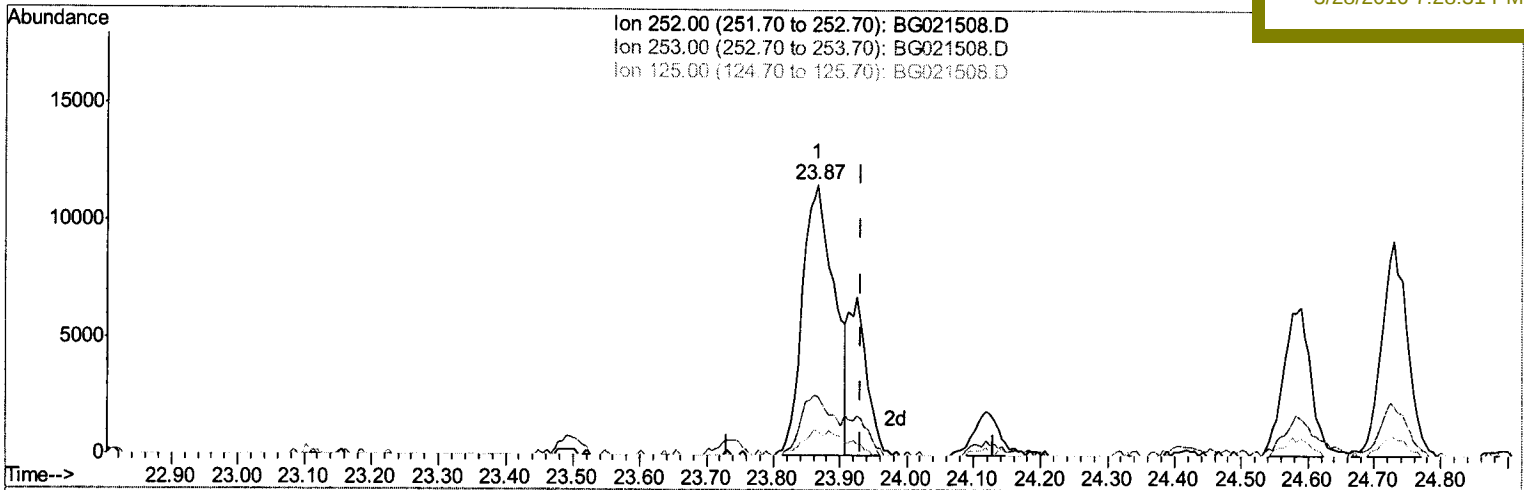
Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
 Data File : BG021508.D
 Acq On : 25 Mar 2016 10:21
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 25 23:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 A4T40

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:28:31 PM



TIC: BG021508.D

(89) Benzo(k)fluoranthene
 23.866min (-0.065) 7.44ng/ul
 response 38927

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.64
125.00	9.60	8.63
0.00	0.00	0.00

Quantitation Report (Qedit)

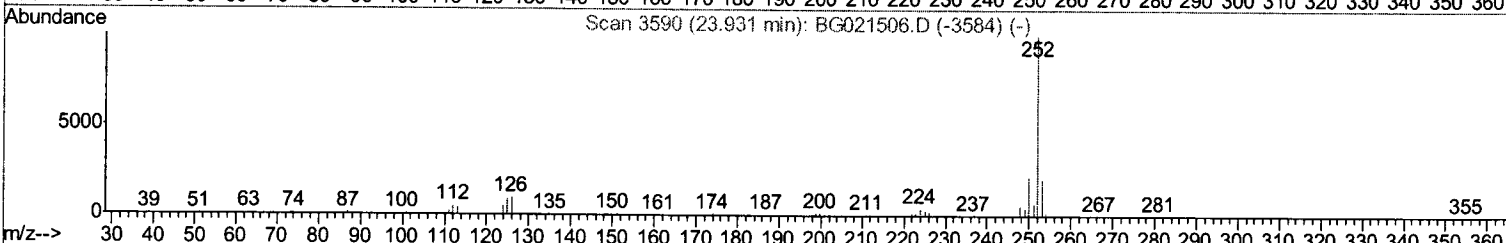
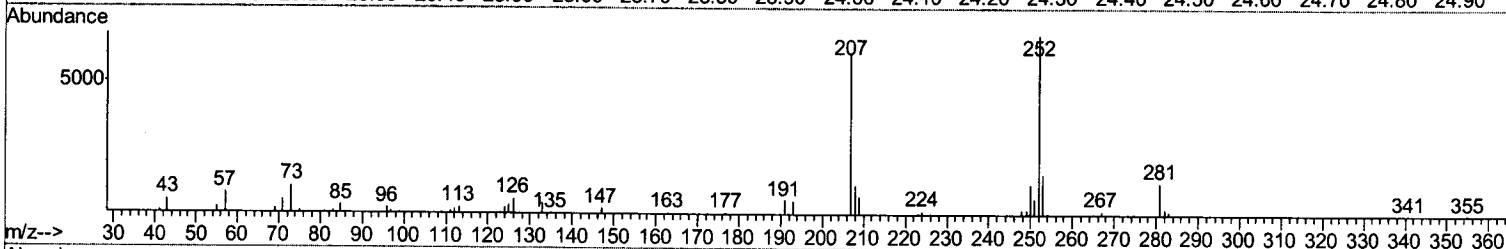
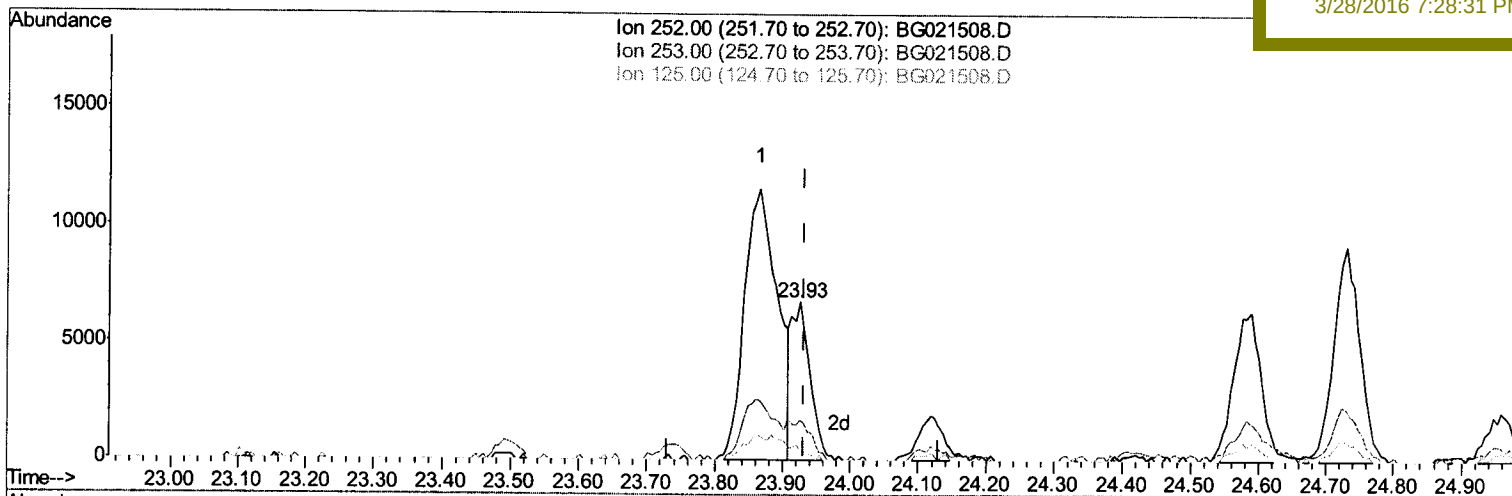
Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
 Data File : BG021508.D
 Acq On : 25 Mar 2016 10:21
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 25 23:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 A4T40

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:28:31 PM



TIC: BG021508.D

(89) Benzo(k)fluoranthene

23.925min (-0.006) 2.44ng/ul m

response 12785

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.70
125.00	9.60	6.87#
0.00	0.00	0.00

> U.M
 04/05/16

Quantitation Report (Qedit)

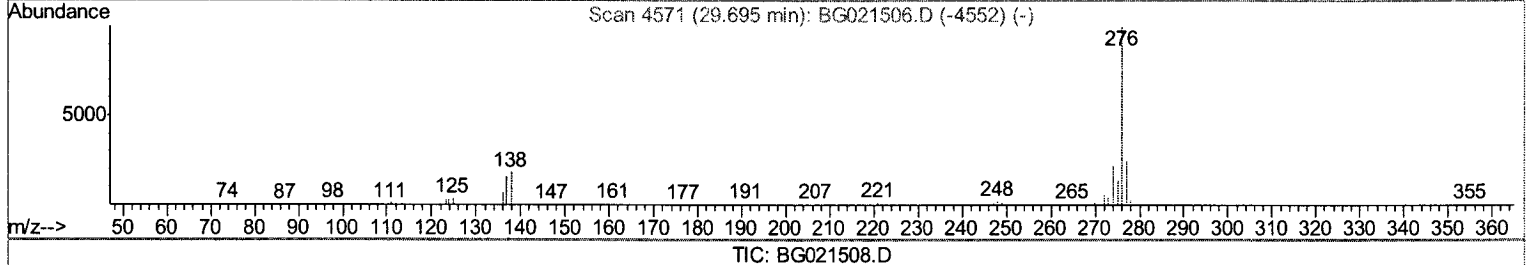
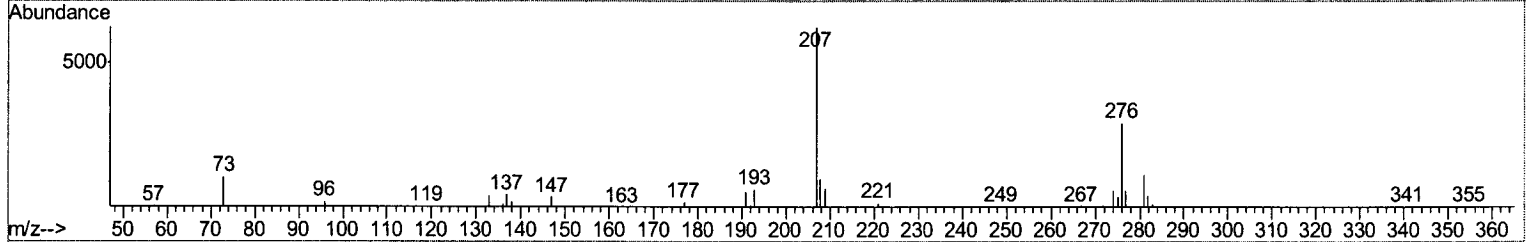
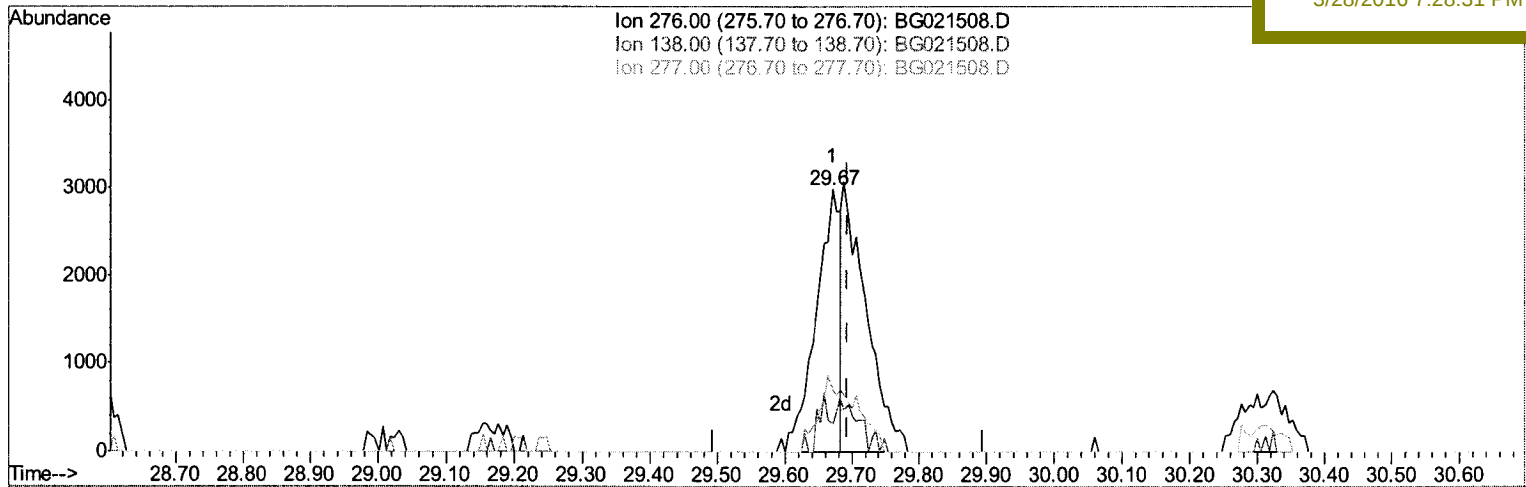
Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
 Data File : BG021508.D
 Acq On : 25 Mar 2016 10:21
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T40

Quant Time: Mar 25 23:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:28:31 PM



TIC: BG021508.D

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

29.671min (-0.024) 1.54ng/ul

response 7445

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	10.14#
277.00	24.70	23.70
0.00	0.00	0.00

Quantitation Report (Qedit)

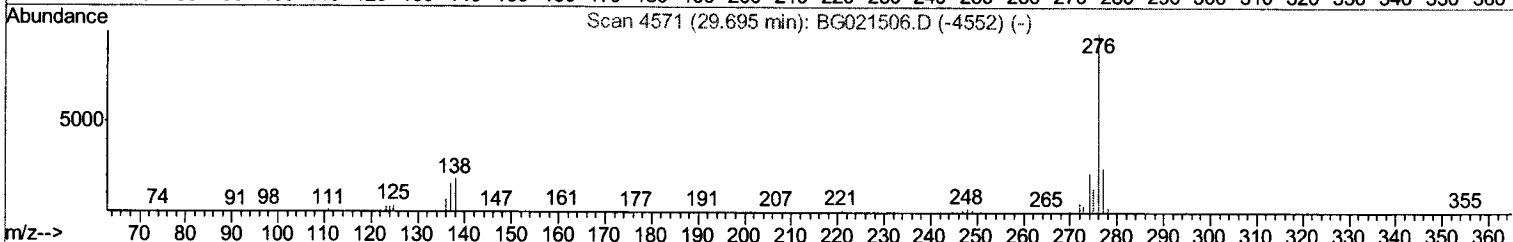
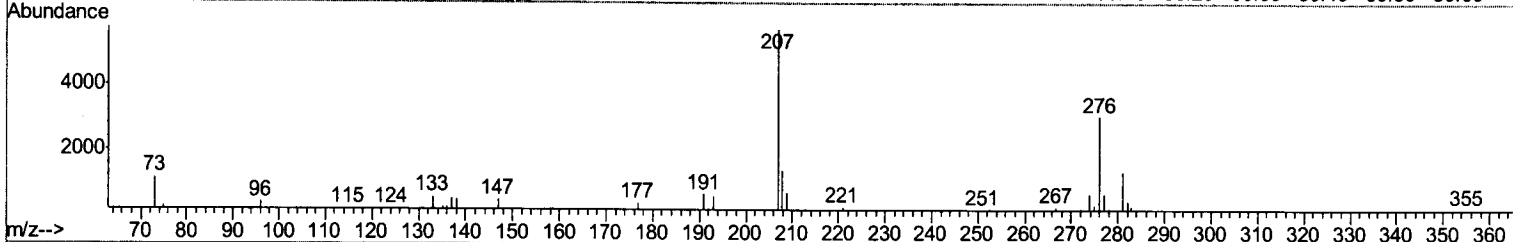
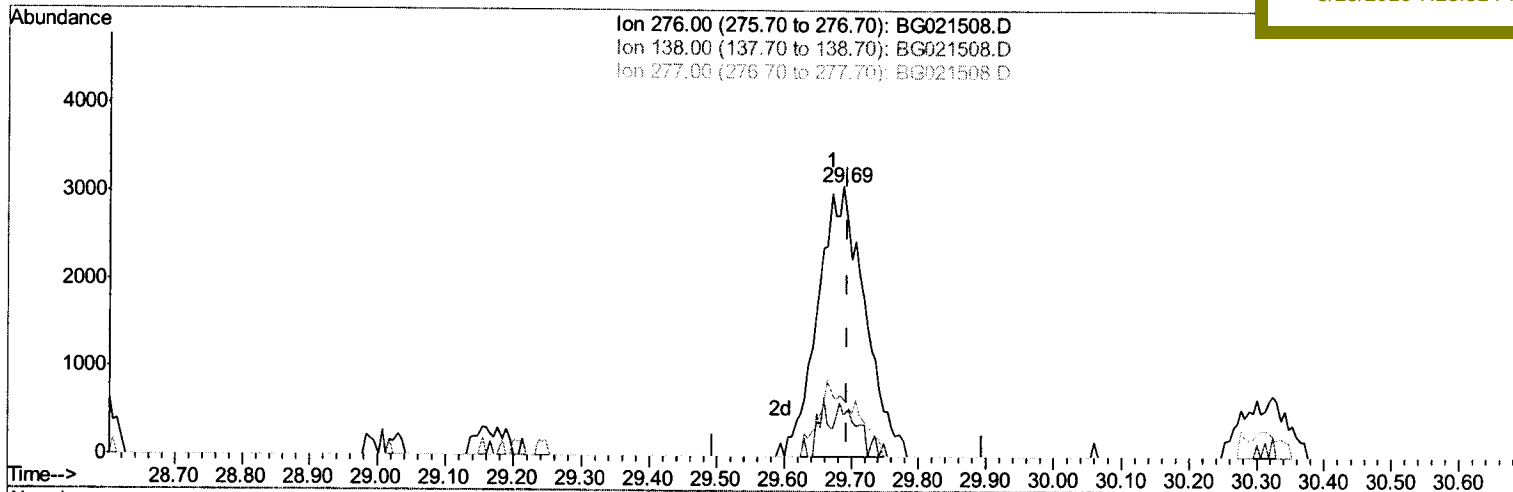
Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
 Data File : BG021508.D
 Acq On : 25 Mar 2016 10:21
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T40

Quant Time: Mar 25 23:29:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:28:31 PM



TIC: BG021508.D

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

29.689min (-0.006) 3.06ng/ul m

response 14785

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	15.43
277.00	24.70	21.22
0.00	0.00	0.00

U.M
 04/05/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
 Data File : BG021508.D
 Acq On : 25 Mar 2016 10:21
 Operator : UM/SJ
 Sample : H1909-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 A4T40

Quant Time: Mar 26 00:17:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 25 23:28:37 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 3/28/2016 7:28:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	9982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	49151	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	32409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	75692	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	85077	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	82874	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	587	2.64	ng/uL	0.00
5) Phenol-d5	7.34	99	17023	18.04	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.39	67	11172	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	13503	18.84	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	13570	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7057	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7810	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	14380	19.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	16379	16.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	54386	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	67931	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	5071	11.76	ng/ul	0.02
58) Fluorene-d10	15.66	176	48528	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	7420	14.84	ng/ul	0.00
71) Anthracene-d10	17.51	188	75983	20.48	ng/ul	0.00
79) Pyrene-d10	19.79	212	84640	21.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	88262	23.08	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	14.12	163	11931	4.25	ng/ul	96
70) Phenanthrene	17.46	178	23151	5.40	ng/ul	99
77) Fluoranthene	19.46	202	49320	9.53	ng/ul#	94
80) Pyrene	19.82	202	41833	8.25	ng/ul	94
83) Benzo(a)anthracene	21.65	228	23775	4.63	ng/ul	95
85) Chrysene	21.72	228	25669	5.28	ng/ul	94
88) Benzo(b)fluoranthene	23.87	252	38927	7.31	ng/ul	98
89) Benzo(k)fluoranthene	23.93	252	12785m	2.44	ng/ul	
91) Benzo(a)pyrene	24.73	252	24664	4.77	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.54	276	17298	2.95	ng/ul#	93
94) Benzo(g,h,i)perylene	29.69	276	14785m	3.06	ng/ul	

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

U.M
 04/05/16