

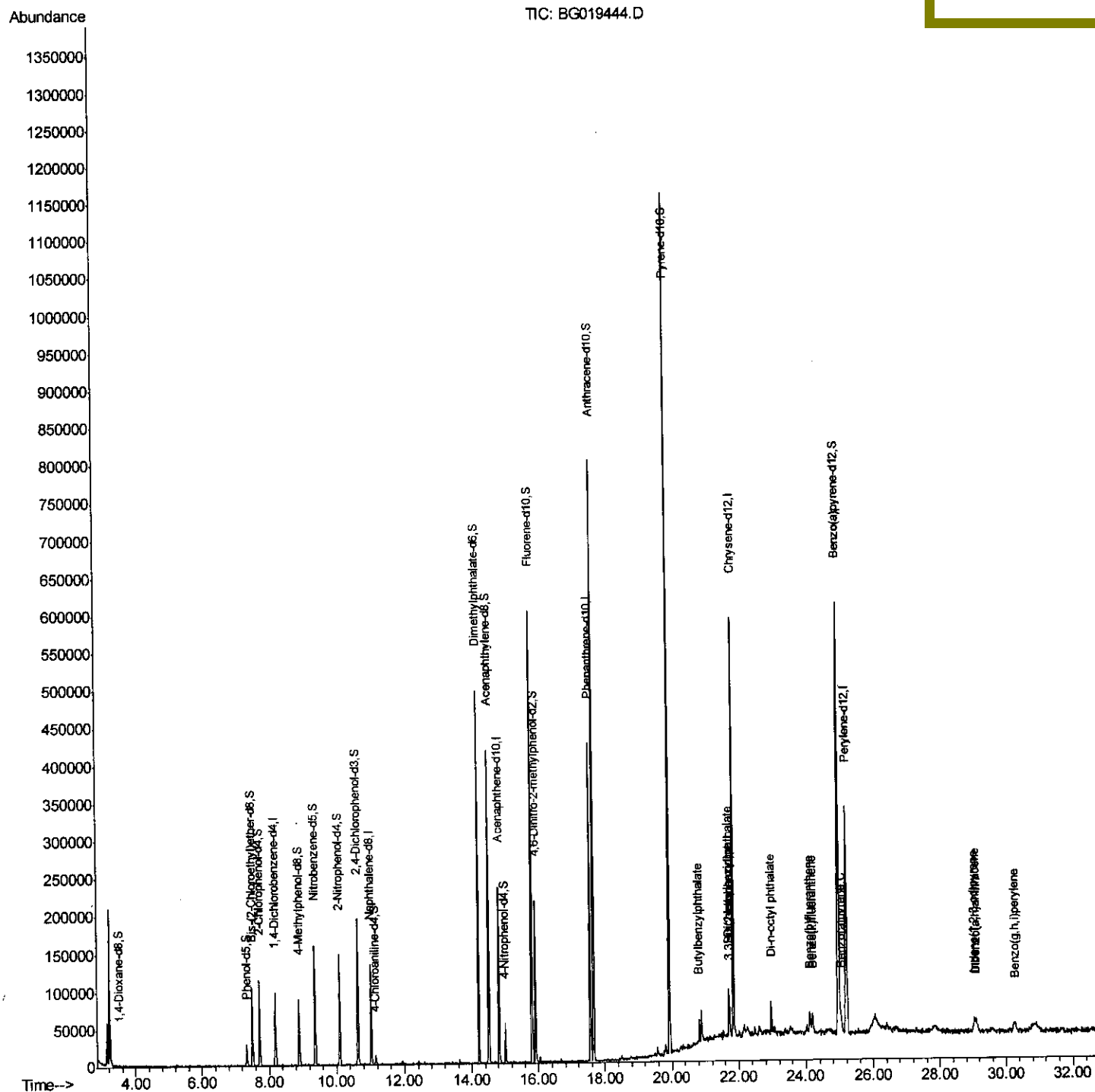
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
Data File : BG019444.D
Acq On : 2 Nov 2015 22:36
Operator : UM/NP
Sample : G4202-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY38

Quant Time: Nov 03 01:08:32 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 03 00:57:47 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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11/3/2015 5:57:43 PM



Quantitation Report (Qedit)

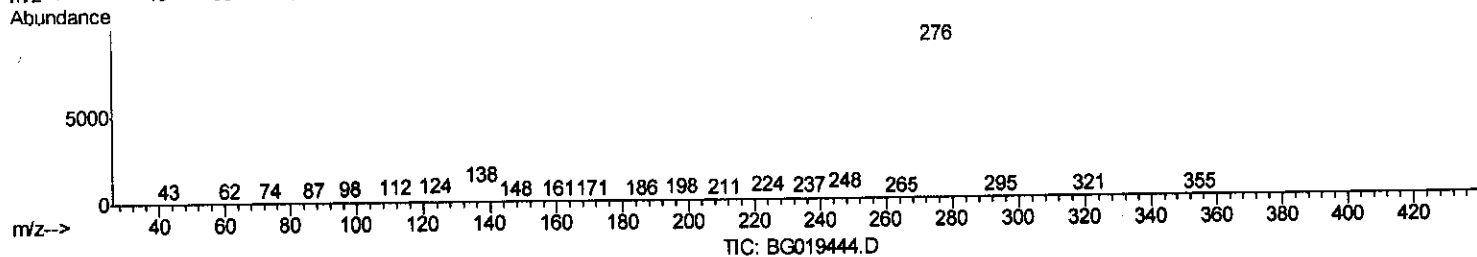
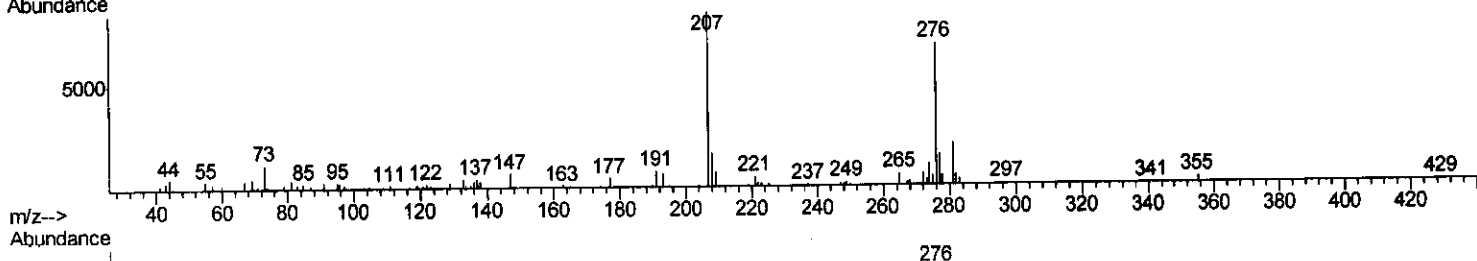
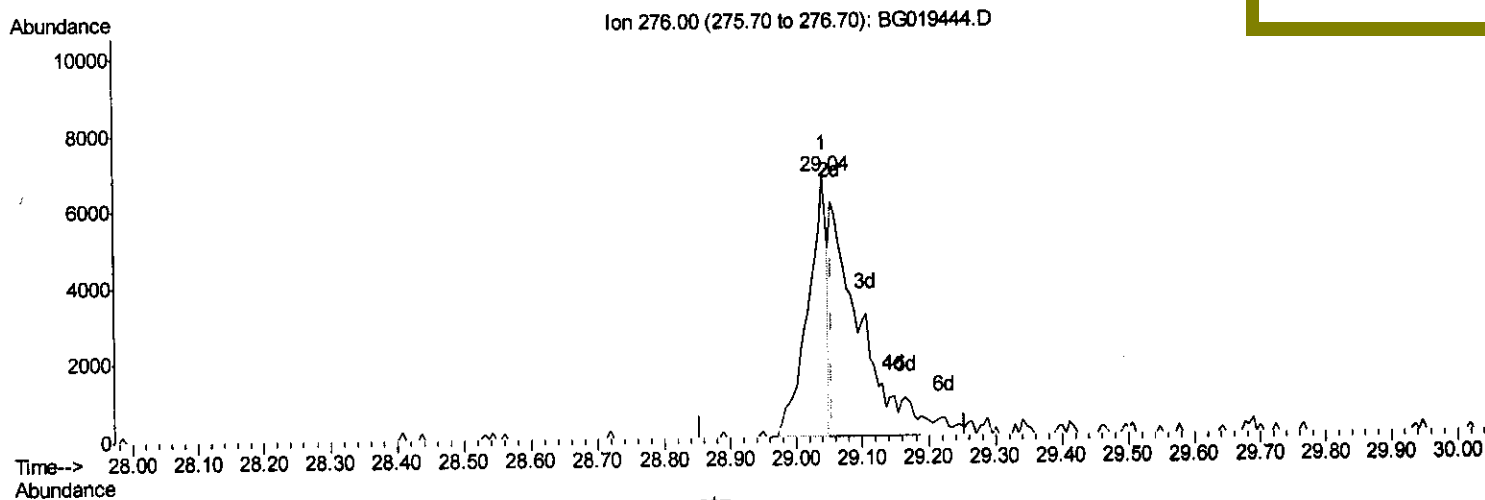
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
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Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
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(92) Indeno(1,2,3-cd)pyrene

29.042min (-0.012) 0.64ng/ul

response 13541

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	6.78
277.00	22.40	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

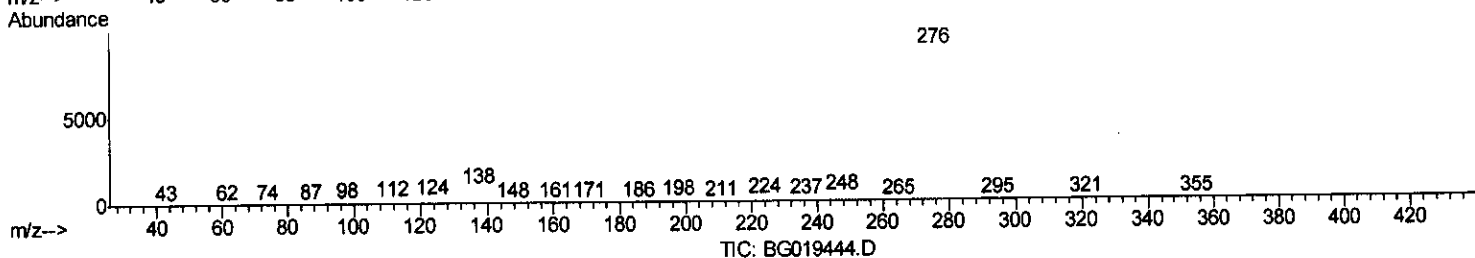
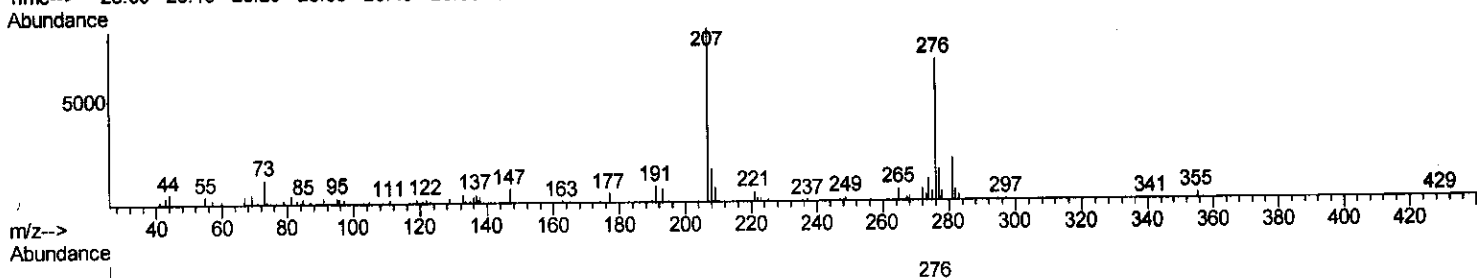
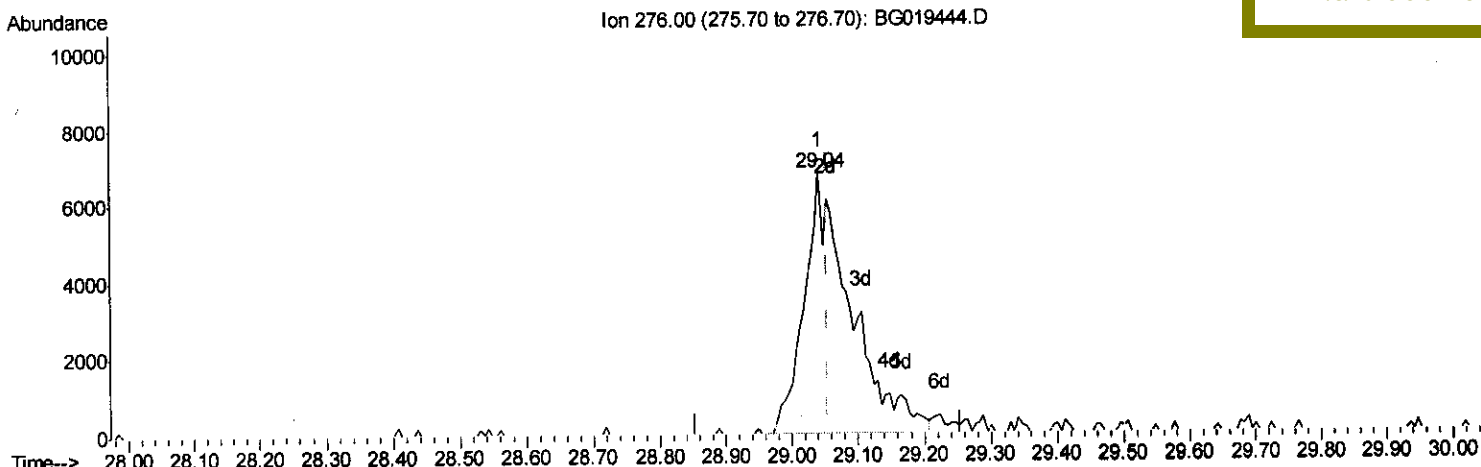
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/3/2015 5:57:43 PM



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

29.042min (-0.012) 1.56ng/ul m *UM*

response 33259

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	6.78
277.00	22.40	23.94
0.00	0.00	0.00

Quantitation Report (Qedit)

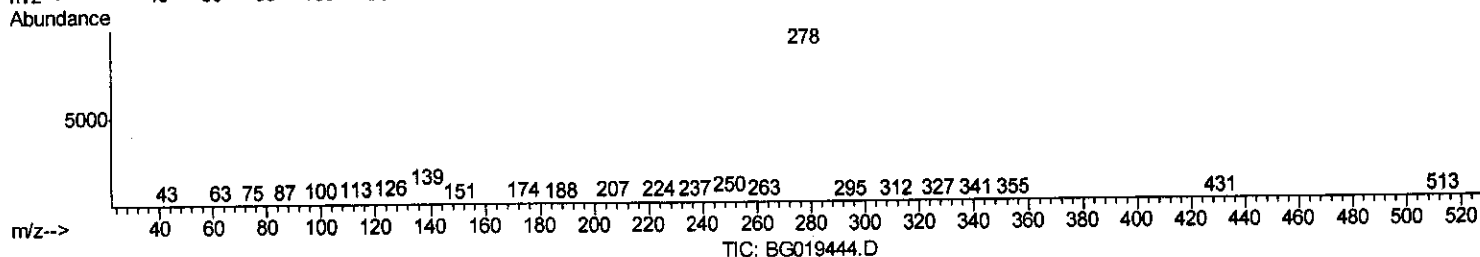
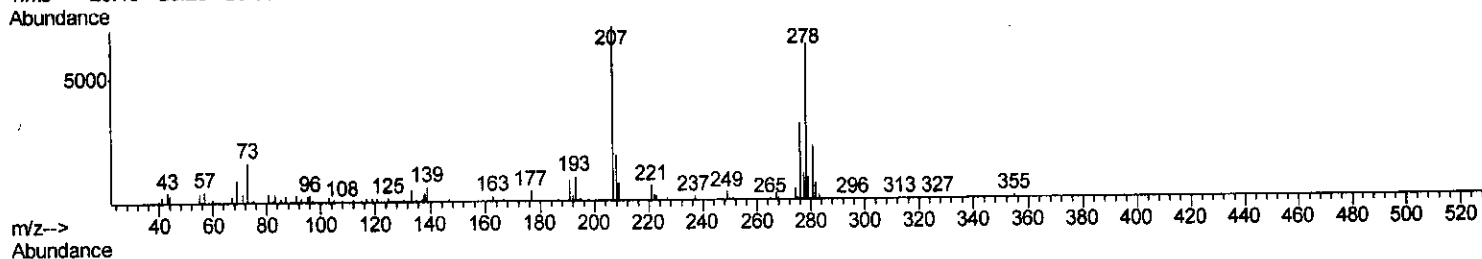
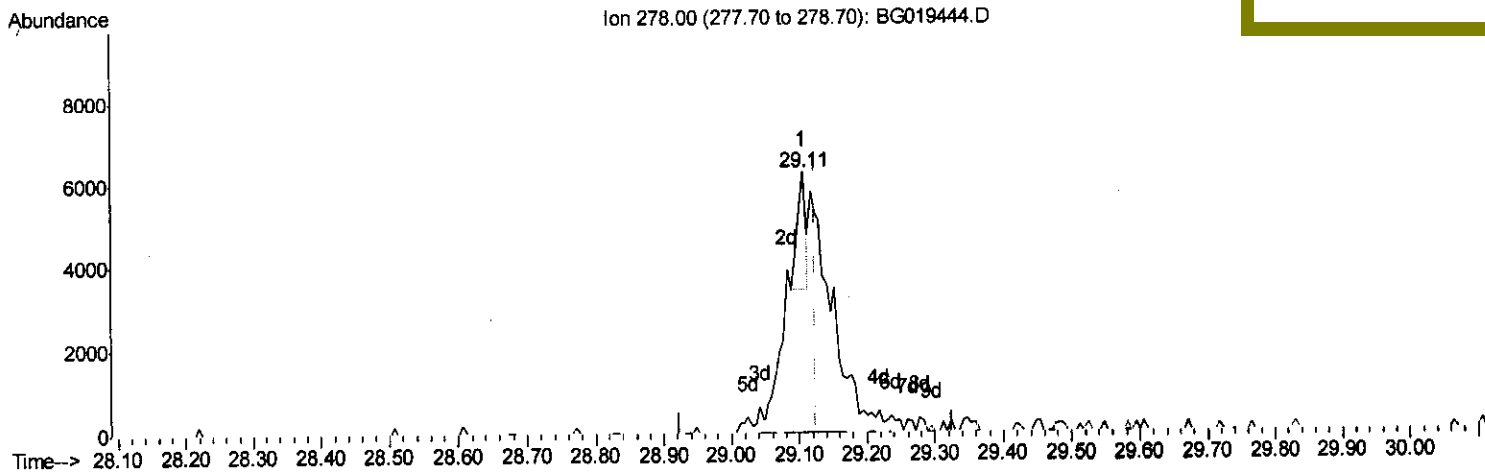
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample Id :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
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Manual Integrations
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 11/3/2015 5:57:43 PM



(93) Dibenzo(a,h)anthracene

29.106min (-0.018) 0.14ng/ul

response 2489

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	11.45#
279.00	25.40	16.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

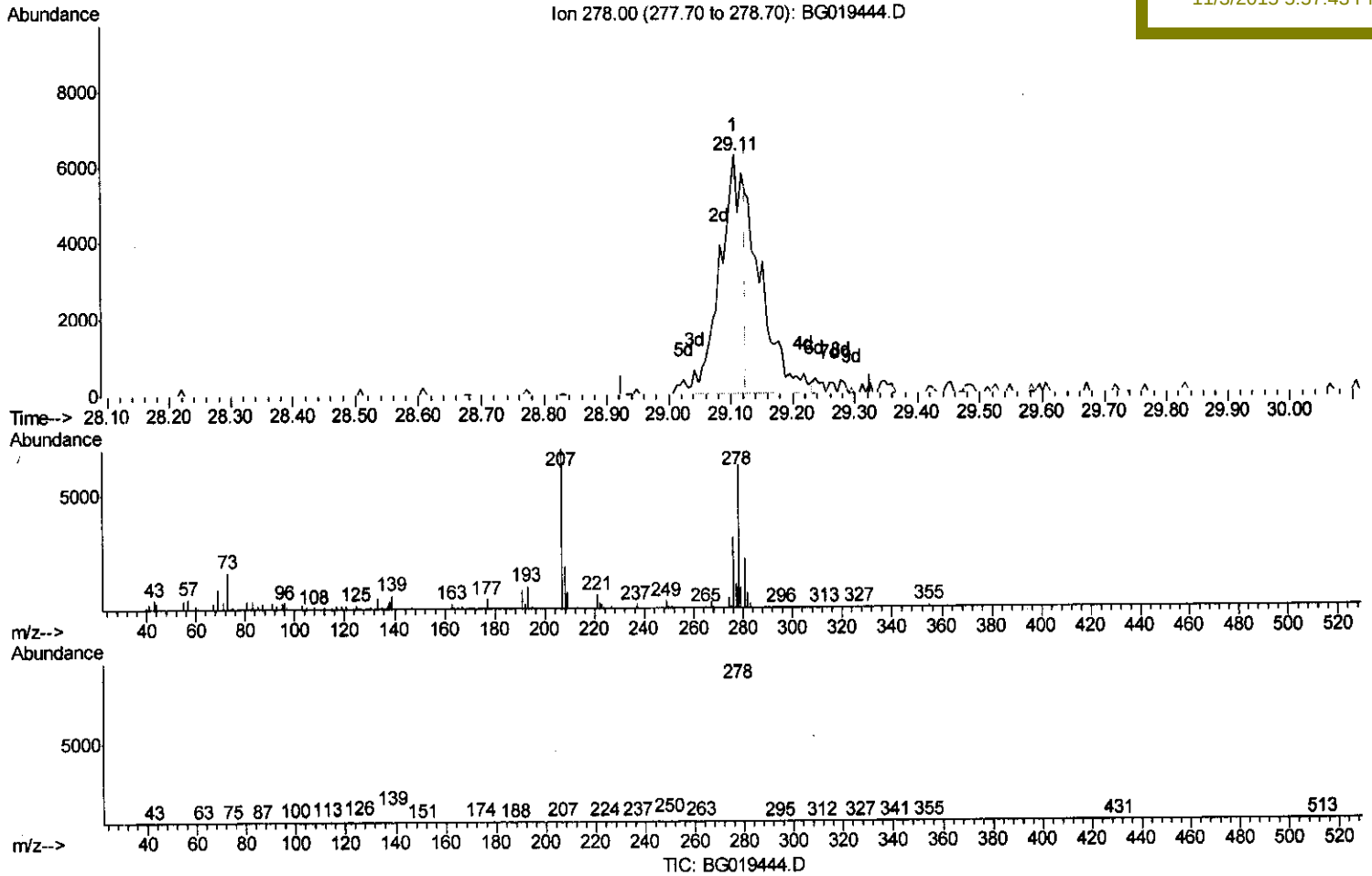
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/3/2015 5:57:43 PM



(93) Dibenzo(a,h)anthracene

29.106min (-0.018) 1.53ng/ul m U.M
 response 27137 11/5/15

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	11.45#
279.00	25.40	16.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

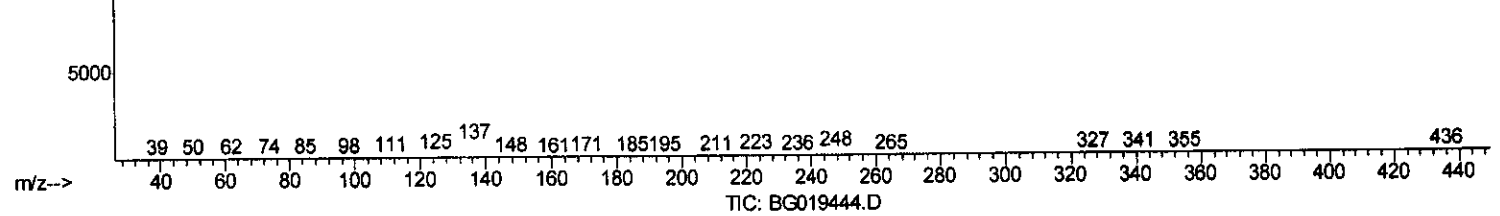
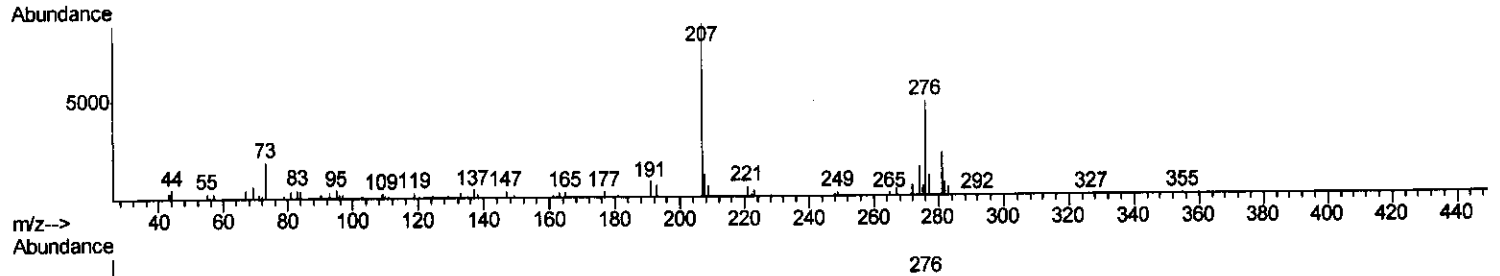
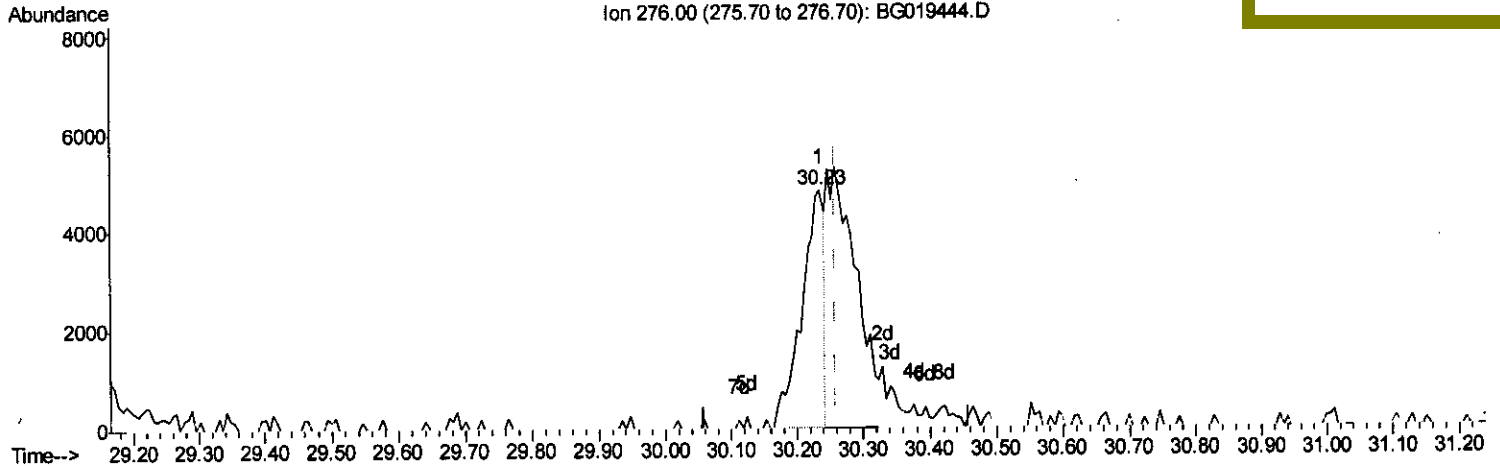
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 11/3/2015 5:57:43 PM



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

30.234min (-0.024) 0.70ng/ul

response 11365

Ion	Exp%	Act%
276.00	100	100
138.00	7.00	6.93
277.00	20.00	23.39
0.00	0.00	0.00

Quantitation Report (Qedit)

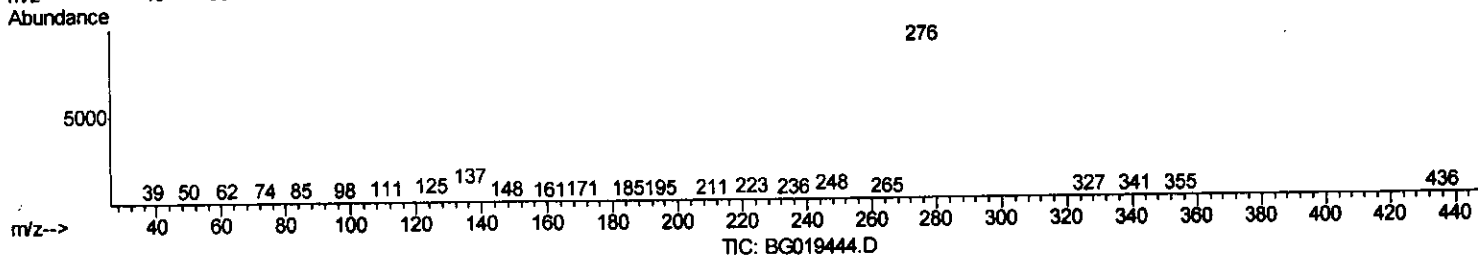
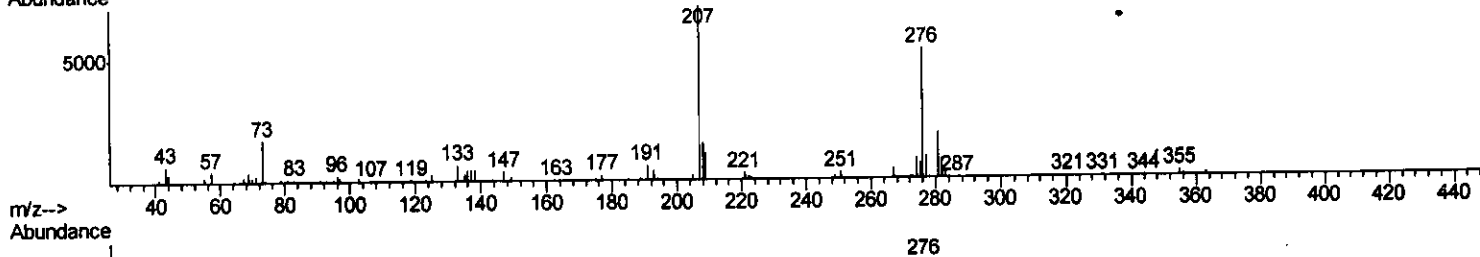
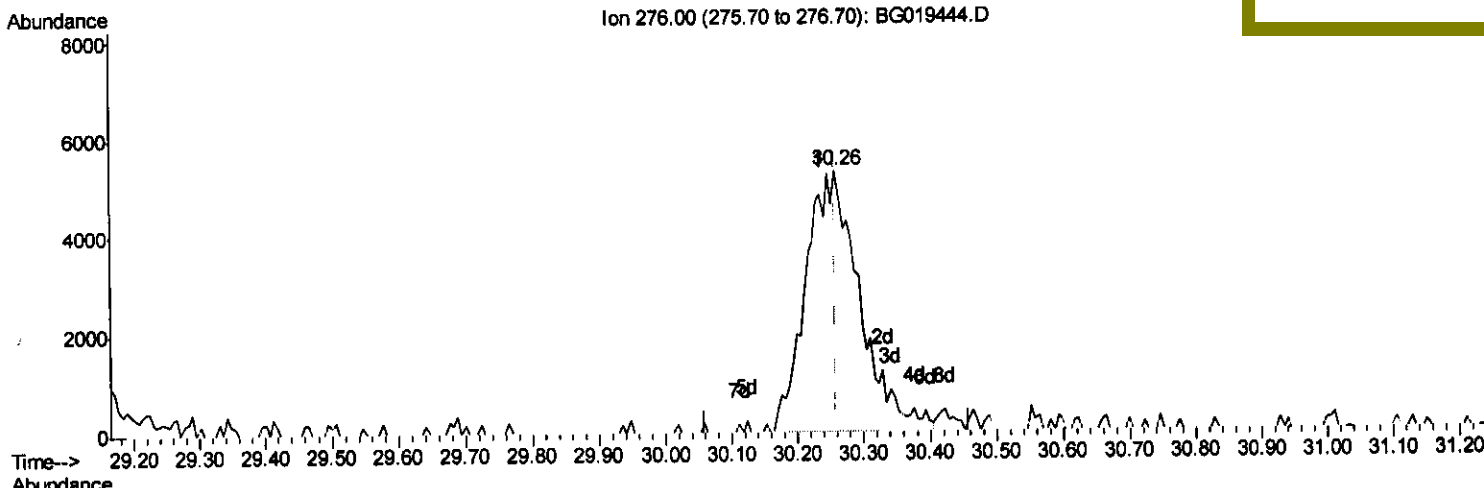
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY38

Quant Time: Nov 03 01:01:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
 11/3/2015 5:57:43 PM



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

30.258min (-0.000) 1.86ng/ul m

response 29970

Ion	Exp%	Act%
276.00	100	100
138.00	7.00	10.58#
277.00	20.00	18.56
0.00	0.00	0.00

U.M
 11/5/15

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110215\
 Data File : BG019444.D
 Acq On : 2 Nov 2015 22:36
 Operator : UM/NP
 Sample : G4202-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 BCY38

Quant Time: Nov 03 01:08:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 03 00:57:47 2015
 Response via : Initial Calibration

Manual Integrations
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 11/3/2015 5:57:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	24385	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	94881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	80420	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	249282	20.00	ng/ul	0.00
78) Chrysene-d12	21.84	240	356257	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	333294	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	668	1.31	ng/uL	0.00
5) Phenol-d5	7.34	99	15742	7.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	54645	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	41152	29.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	31456	17.64	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	29111	41.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	34744	41.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	65577	36.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	5856	3.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	302218	45.58	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	294829	40.15	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	10038	9.53	ng/ul	0.00
58) Fluorene-d10	15.80	176	244828	39.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	48086	29.80	ng/ul	0.00
71) Anthracene-d10	17.66	188	463987	40.83	ng/ul	0.00
79) Pyrene-d10	19.93	212	608869	39.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	681684	40.76	ng/ul	0.00

Target Compounds

					Qvalue
81) Butylbenzylphthalate	20.83	149	7892	1.21 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.73	252	8383	1.20 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.71	149	23441	2.54 ng/ul#	89
87) Di-n-octyl phthalate	22.97	149	35660	2.36 ng/ul	100
88) Benzo(b)fluoranthene	24.13	252	28715	1.46 ng/ul#	96
89) Benzo(k)fluoranthene	24.20	252	26324	1.39 ng/ul#	90
91) Benzo(a)pyrene	25.05	252	26706	1.41 ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.04	276	33259m	1.56 ng/ul	
93) Dibenzo(a,h)anthracene	29.11	278	27137m	1.53 ng/ul	
94) Benzo(g,h,i)perylene	30.26	276	29970m	1.86 ng/ul	

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