

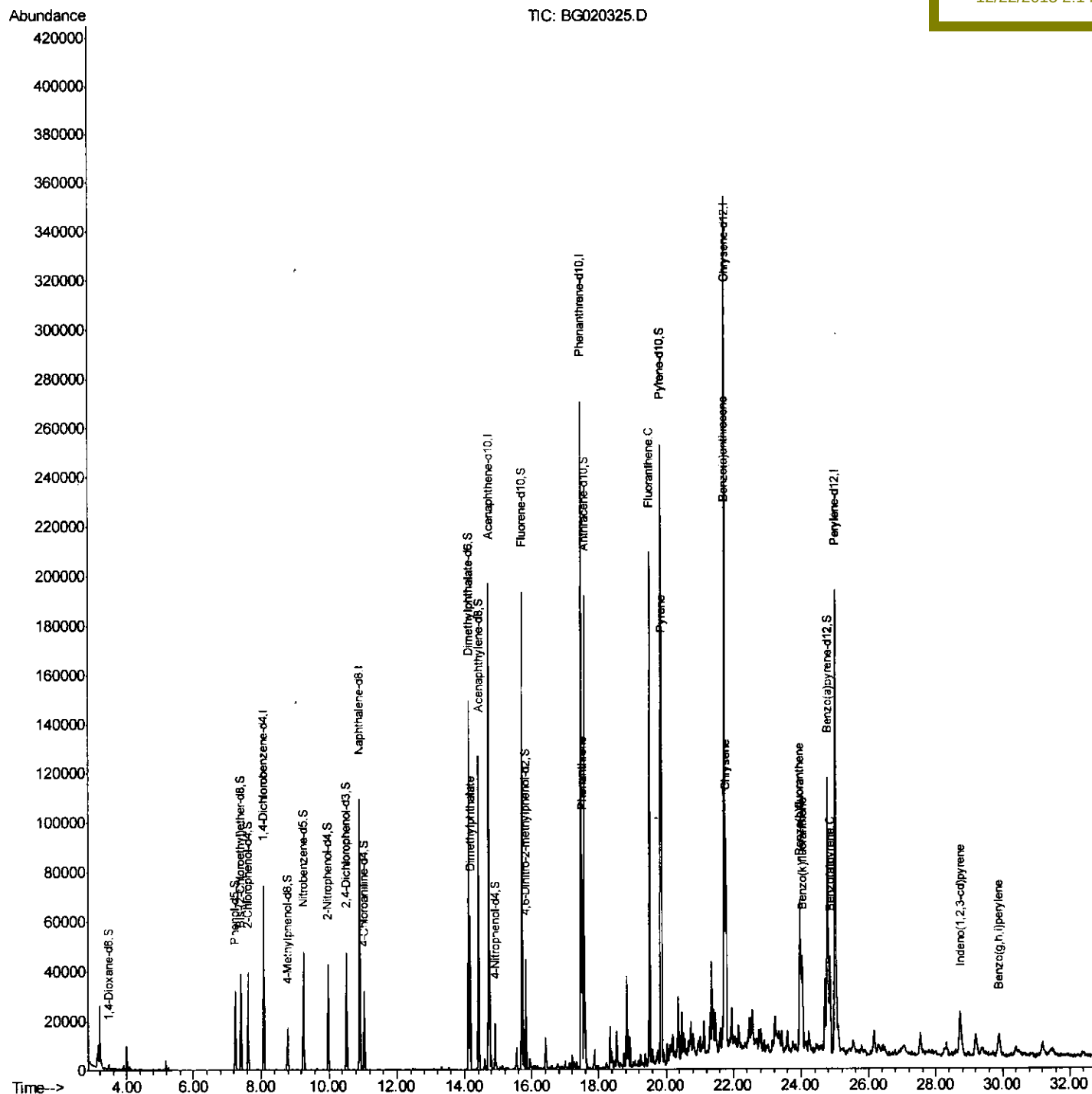
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121415\
Data File : BG020325.D
Acq On : 19 Dec 2015 23:40
Operator : UM/SJ
Sample : G4866-07
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
E43L9

Quant Time: Dec 20 06:22:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration

Manual Integrations
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Quantitation Report (Qedit)

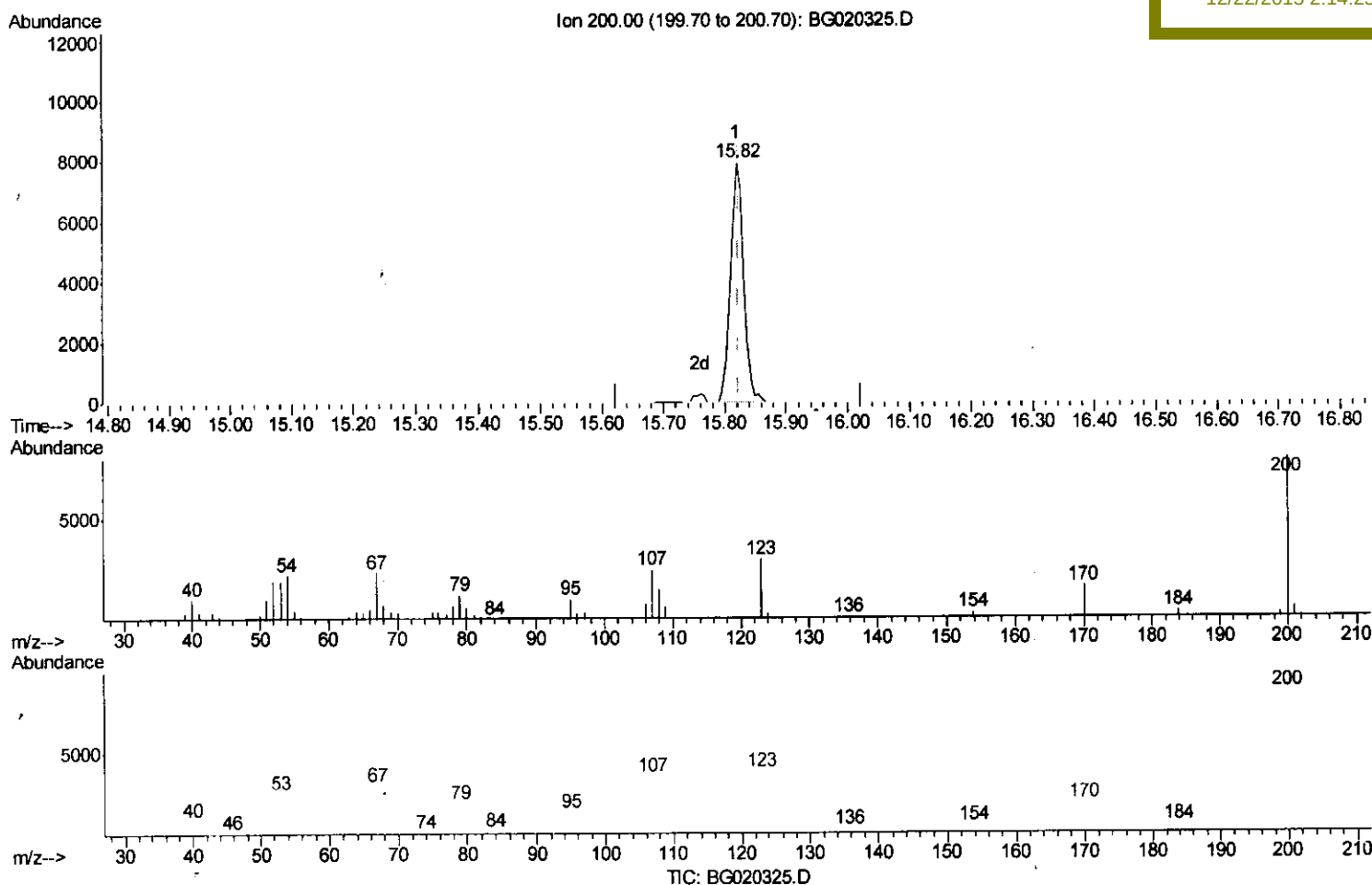
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.819min (-0.004) 11.43ng/ul

response 11525

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	21.32
52.00	37.90	24.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

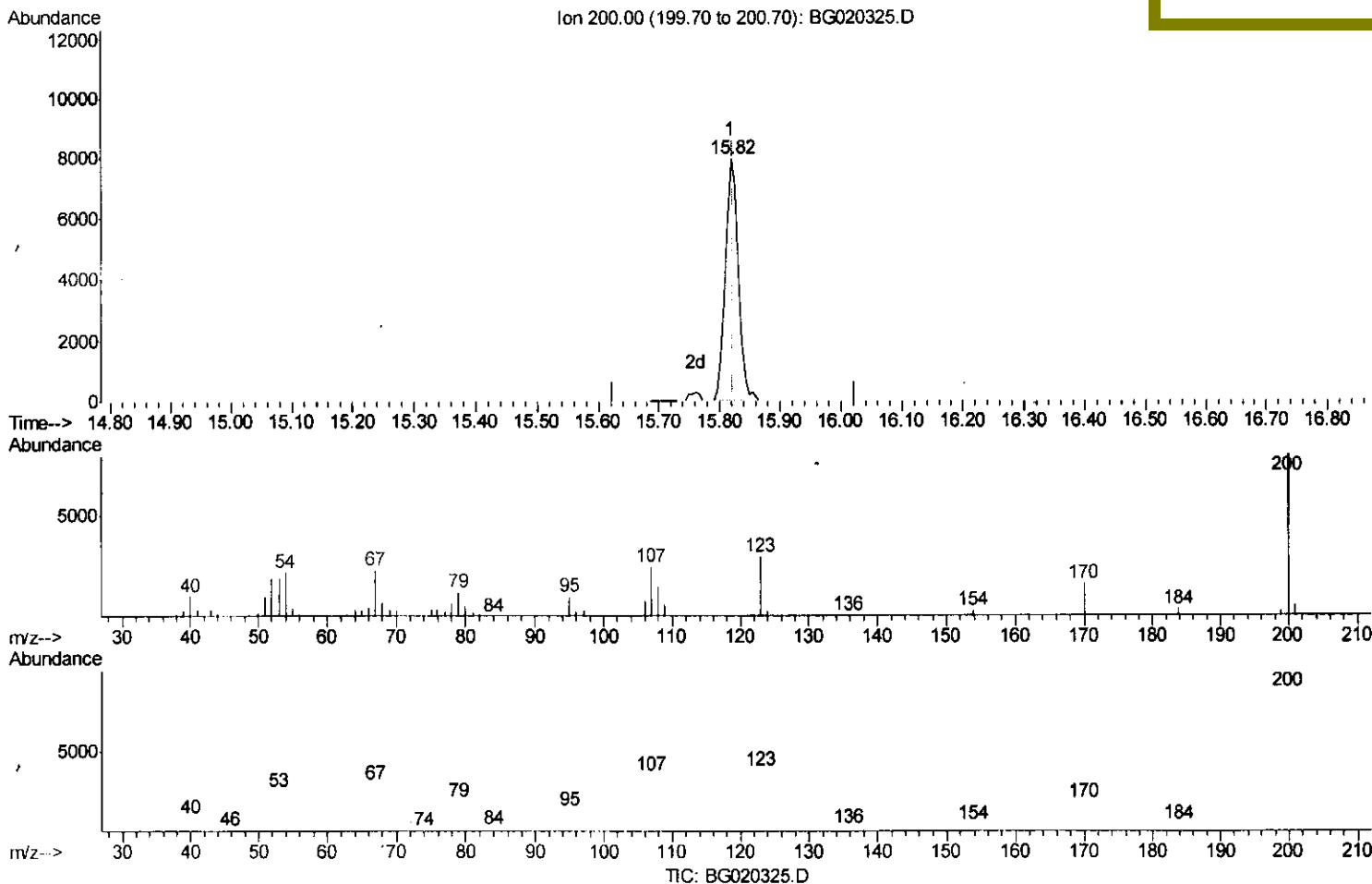
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 File : BG020325.D
 Acq On : 19 Dec 2015 20:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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Manual Integrations
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(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.819min (-0.004) 11.58ng/ul m

response 11684

U,M
 12/22/15

Ion	Exp%	Act%
200.00	100	100
170.00	19.50	21.32
52.00	37.90	24.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

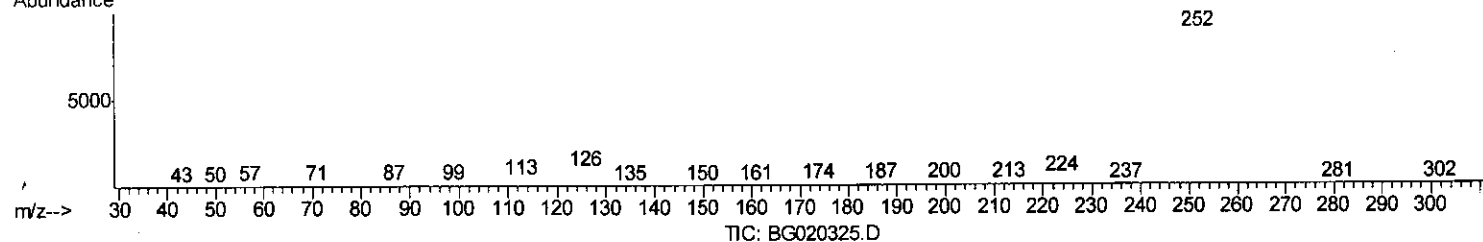
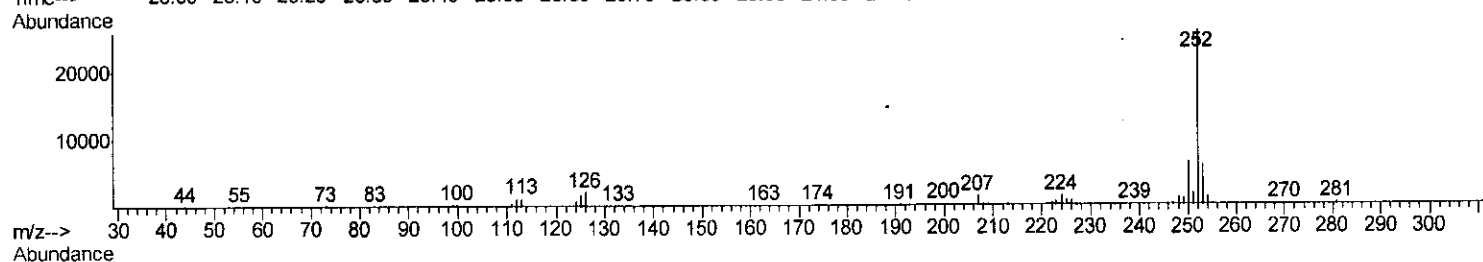
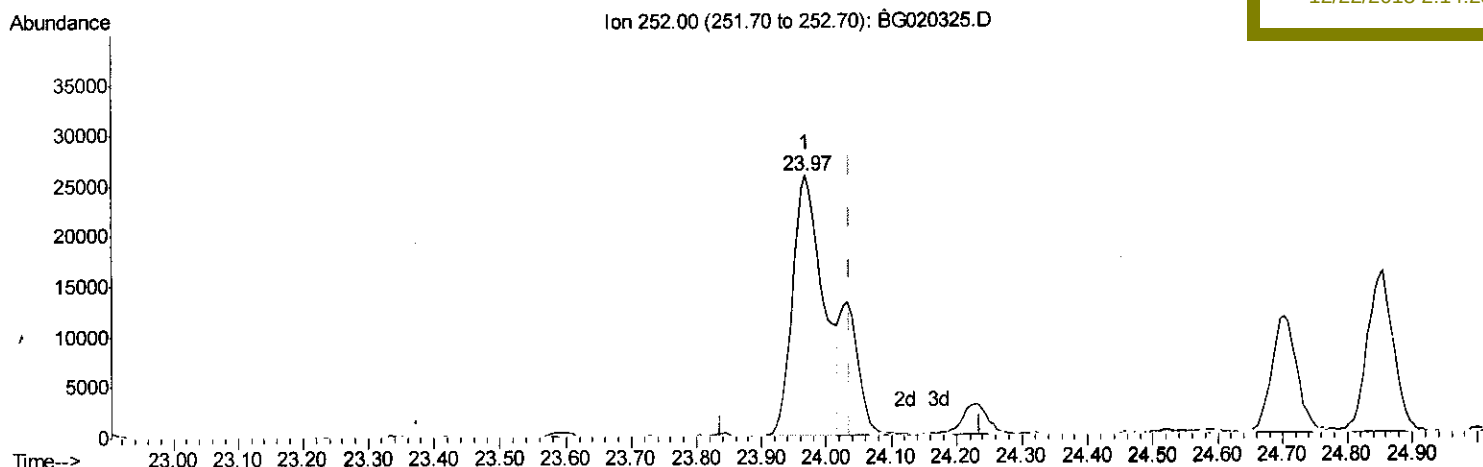
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020325.D
Acq On : 19 Dec 2015 23:40
Operator : UM/SJ
Sample : G4866-07
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43L9

Quant Time: Dec 20 05:59:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

23.968min (-0.069) 7.29ng/ui

response 83915

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.95
125.00	7.20	6.64
0.00	0.00	0.00

Quantitation Report (Qedit)

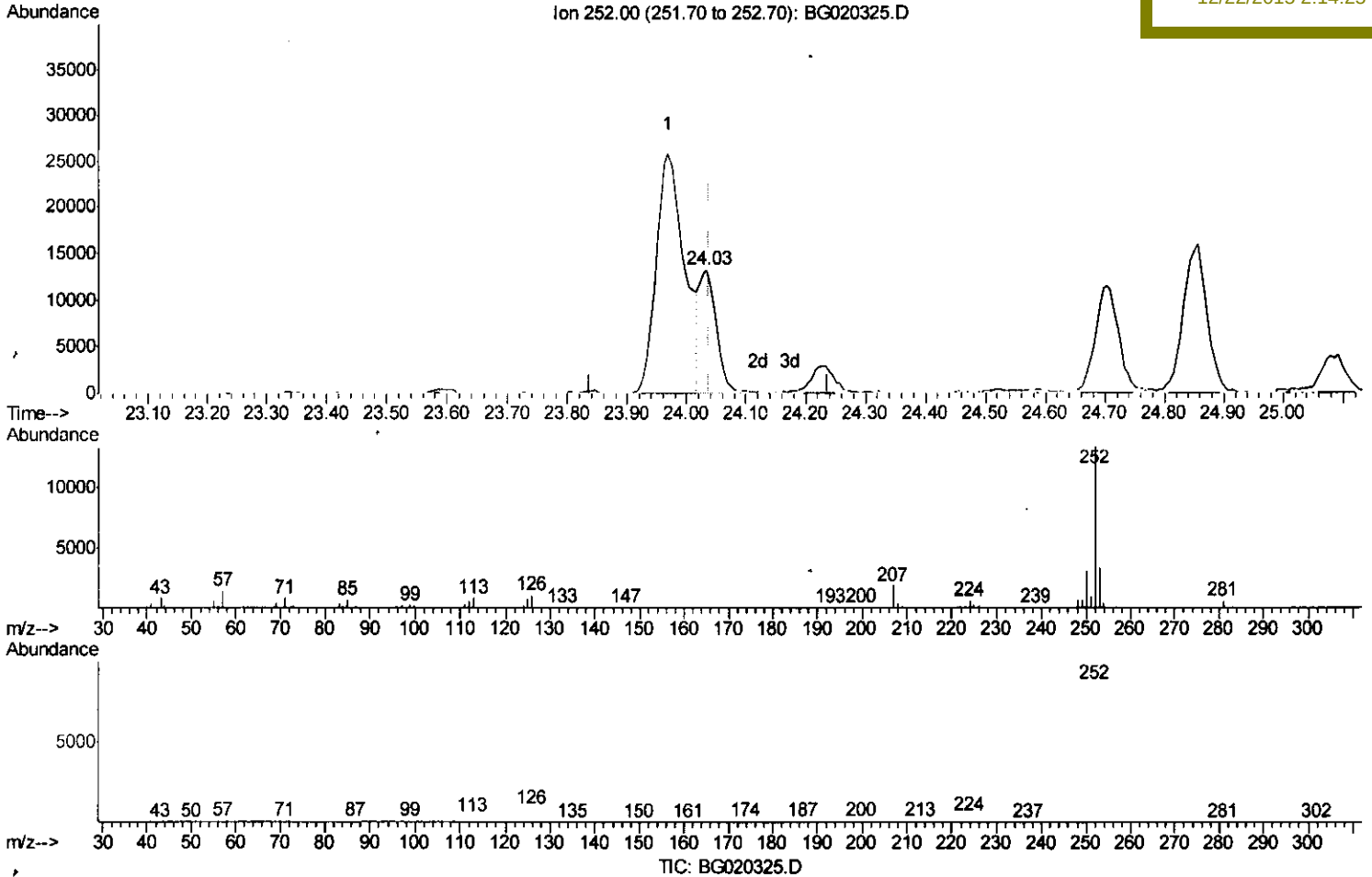
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

24.033min (-0.004) 2.33ng/ul m *U.M*
 response 26768 *12/22/15*

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	25.70
125.00	7.20	6.59
0.00	0.00	0.00

Quantitation Report (Qedit)

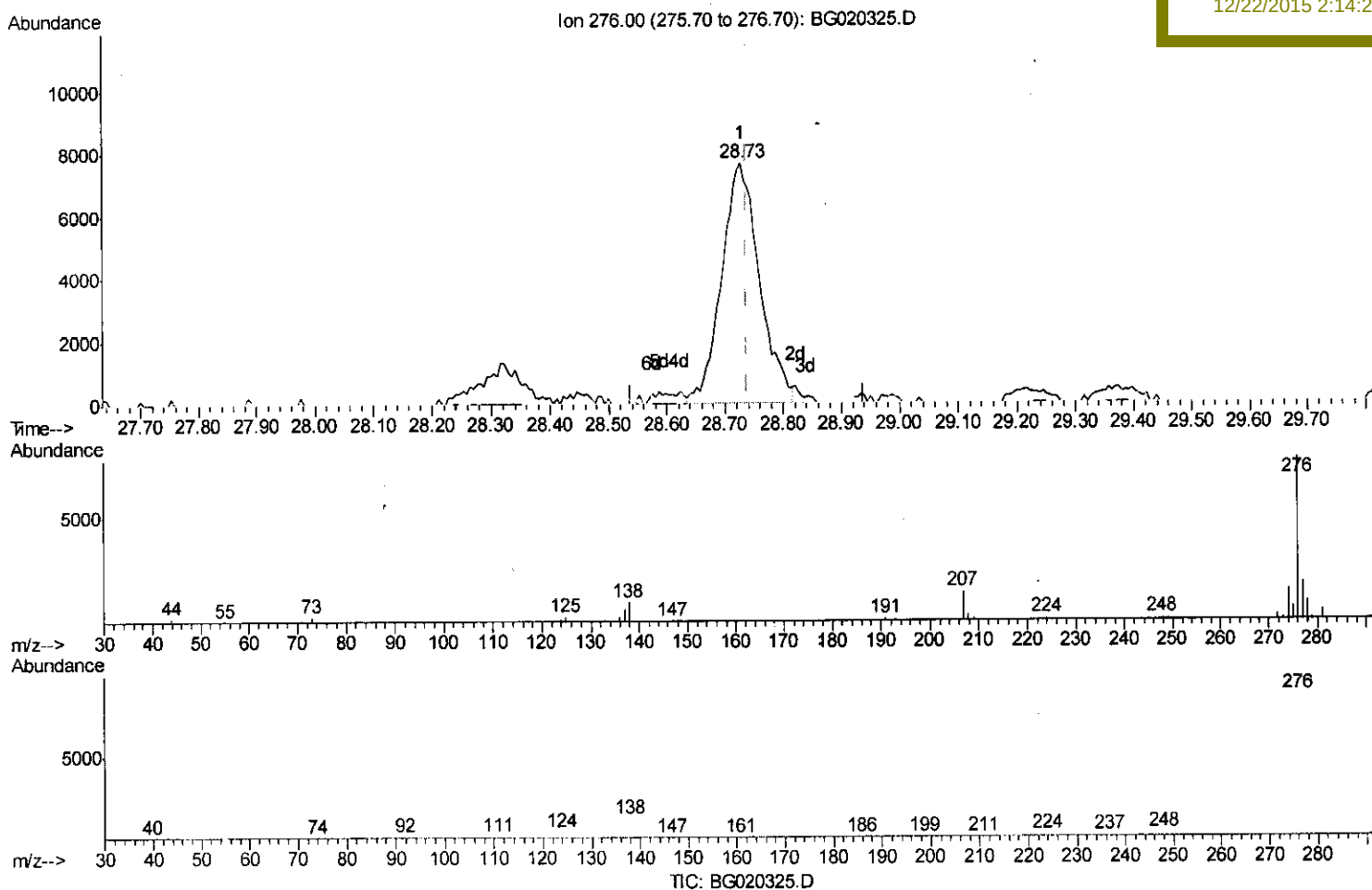
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020325.D
Acq On : 19 Dec 2015 23:40
Operator : UM/SJ
Sample : G4866-07
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E43L9

Manual Integrations
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Quant Time: Dec 20 05:59:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 05:53:46 2015
Response via : Initial Calibration



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

28.728min (-0.010) 2.56ng/ul

response 34700

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.80
277.00	21.70	24.88
0.00	0.00	0.00

Quantitation Report (Qedit)

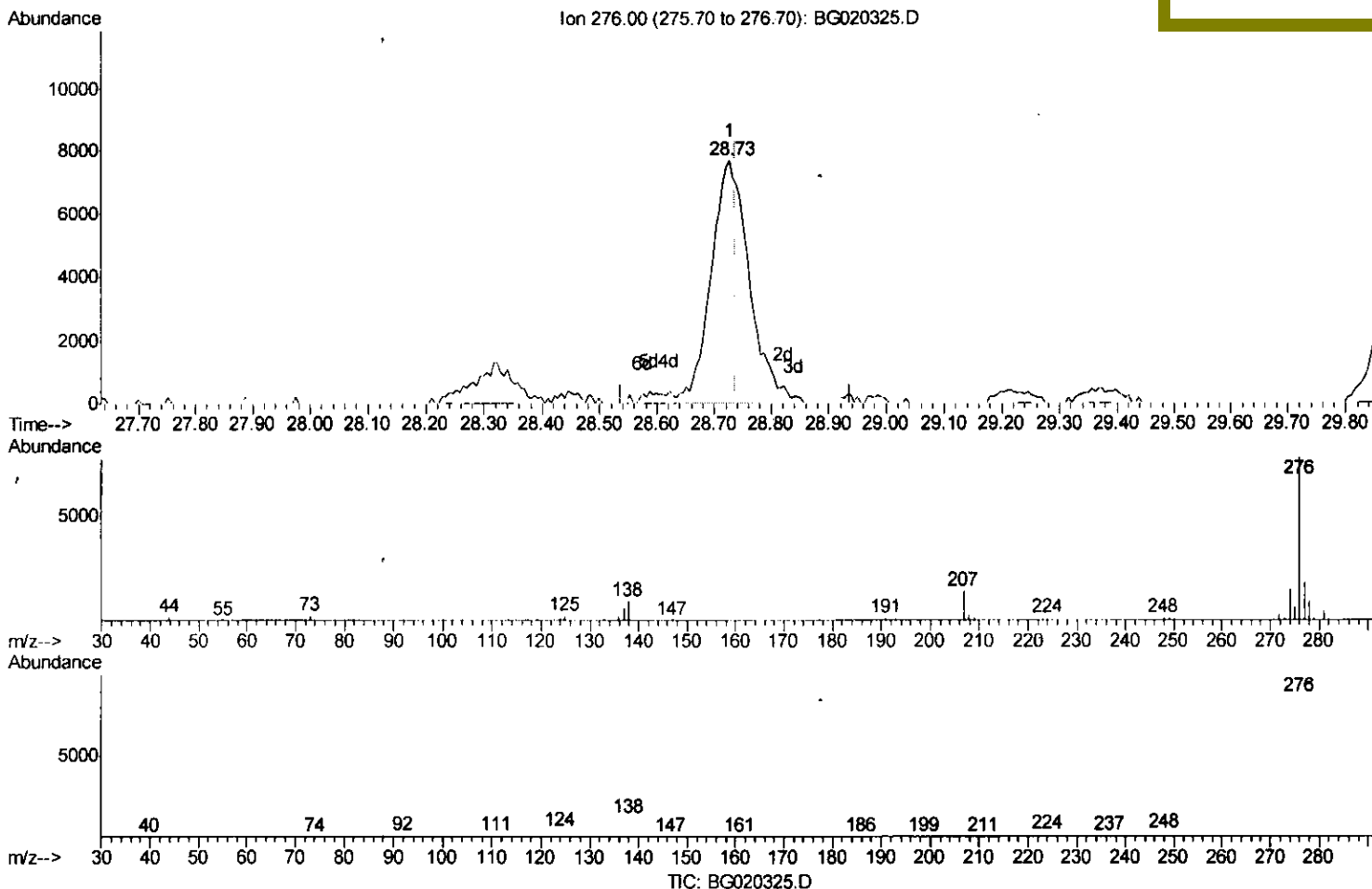
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : 04866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

28.728min (-0.010) 2.61ng/ul m *U.M*
12/22/15

response 35299

ion	Exp%	Act%
276.00	100	100
138.00	14.20	13.80
277.00	21.70	24.88
0.00	0.00	0.00

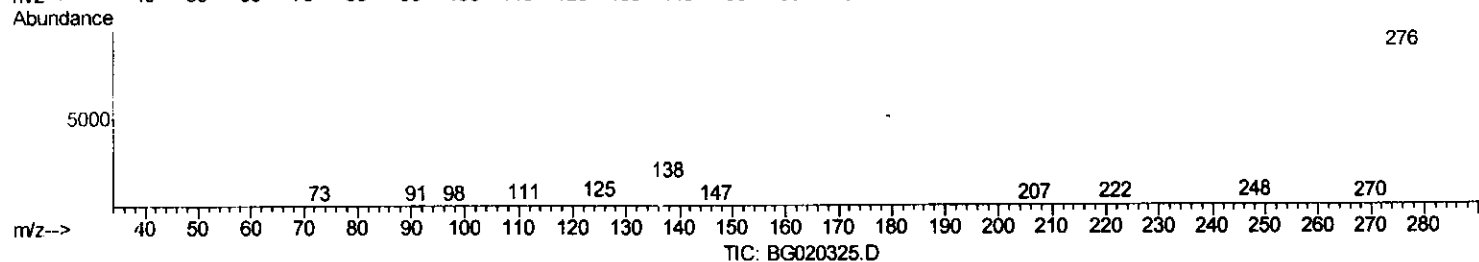
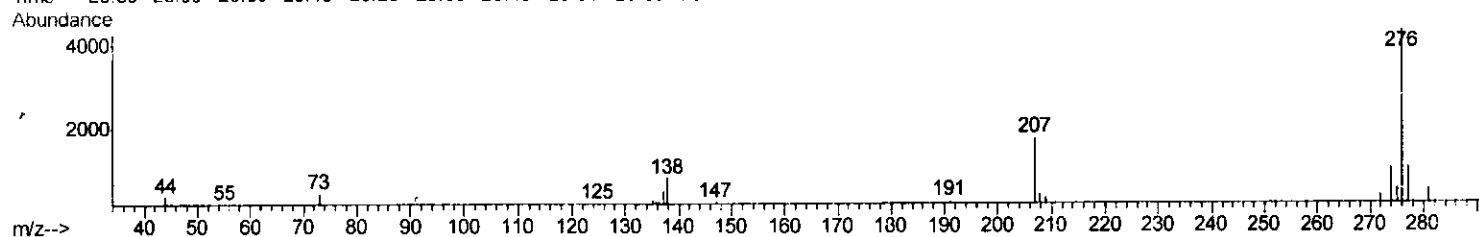
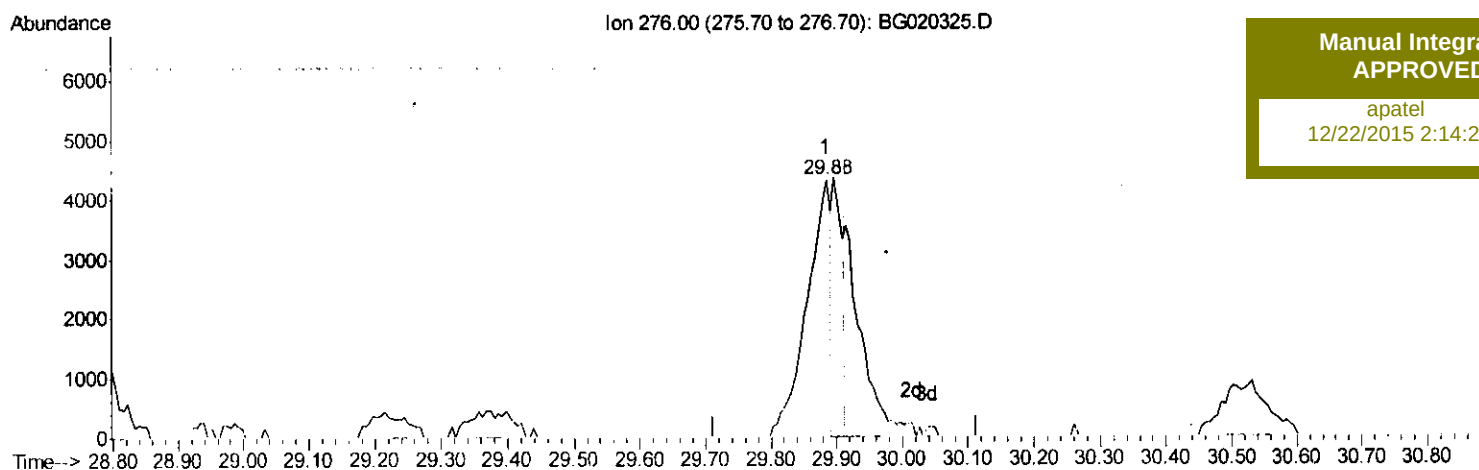
Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Quant Time: 19 Dec 20 05:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Manual Integrations
 APPROVED

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

29.885min (-0.028) 0.98ng/ul

response 10913

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	17.97#
277.00	24.90	23.52
0.00	0.00	0.00

Quantitation Report (Qedit)

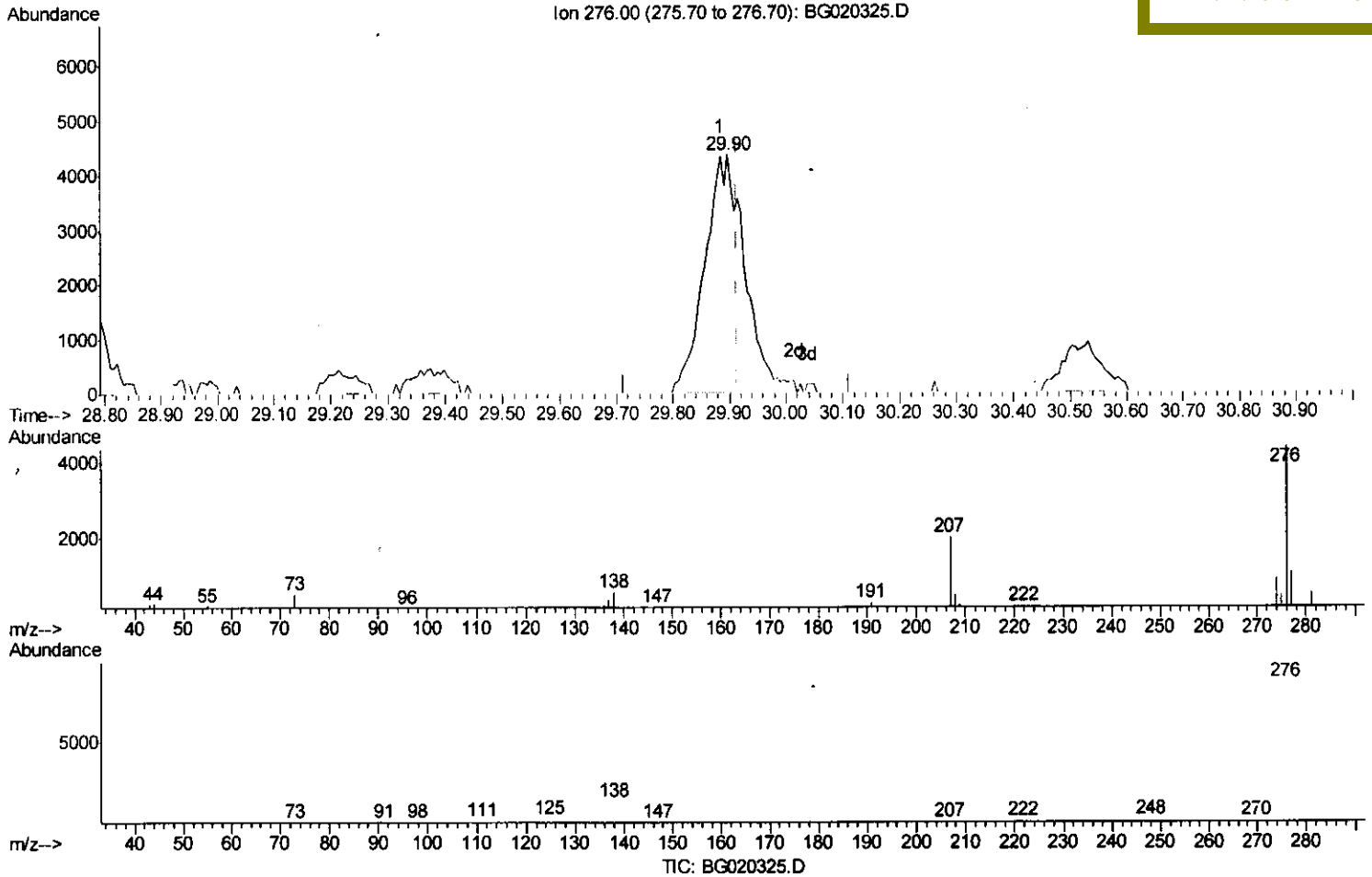
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020325.D
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E43L9

Quant Time: Dec 20 05:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

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

29.897min (-0.016) 1.96ng/ul m U.M

response 21/02

12/22/15

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	13.35
277.00	24.90	24.79
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020325.M
 Acq On : 19 Dec 2015 23:40
 Operator : UM/SJ
 Sample : G4866-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 E43L9

Quant Time: Dec 20 06:22:01 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 05:53:46 2015
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	Qion	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	21203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	93616	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	68604	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	170141	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	209593	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	199219	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1159	3.02	ng/uL	0.00
5) Phenol-d5	7.24	99	20628	11.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	18959	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	18883	13.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	7665	4.79	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	12629	17.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	14845	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	20608	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	19355	10.48	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	106879	19.26	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	94067	14.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	5546	5.57	ng/ul	0.00
58) Fluorene-d10	15.71	176	82567	16.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	11684m	11.58	ng/ul	0.00
71) Anthracene-d10	17.56	188	116985	14.92	ng/ul	0.00
79) Pyrene-d10	19.84	212	124915	12.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	124228	12.50	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.16	163	41319	7.29	ng/ul	99
70) Phenanthrene	17.51	178	56195	6.04	ng/ul	98
77) Fluoranthene	19.51	202	137845	12.67	ng/ul	98
80) Pyrene	19.87	202	100730	7.94	ng/ul	99
83) Benzo(a)anthracene	21.72	228	60220	4.92	ng/ul	99
87) Chrysene	21.79	228	65403	5.68	ng/ul	95
88) Benzo(b)fluoranthene	23.97	252	83915	7.00	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	26768m	2.33	ng/ul	
91) Benzo(a)pyrene	24.86	252	44548	3.92	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	35299m	2.61	ng/ul	
94) Benzo(a,h,i)perylene	29.90	276	21702m	1.96	ng/ul	

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