

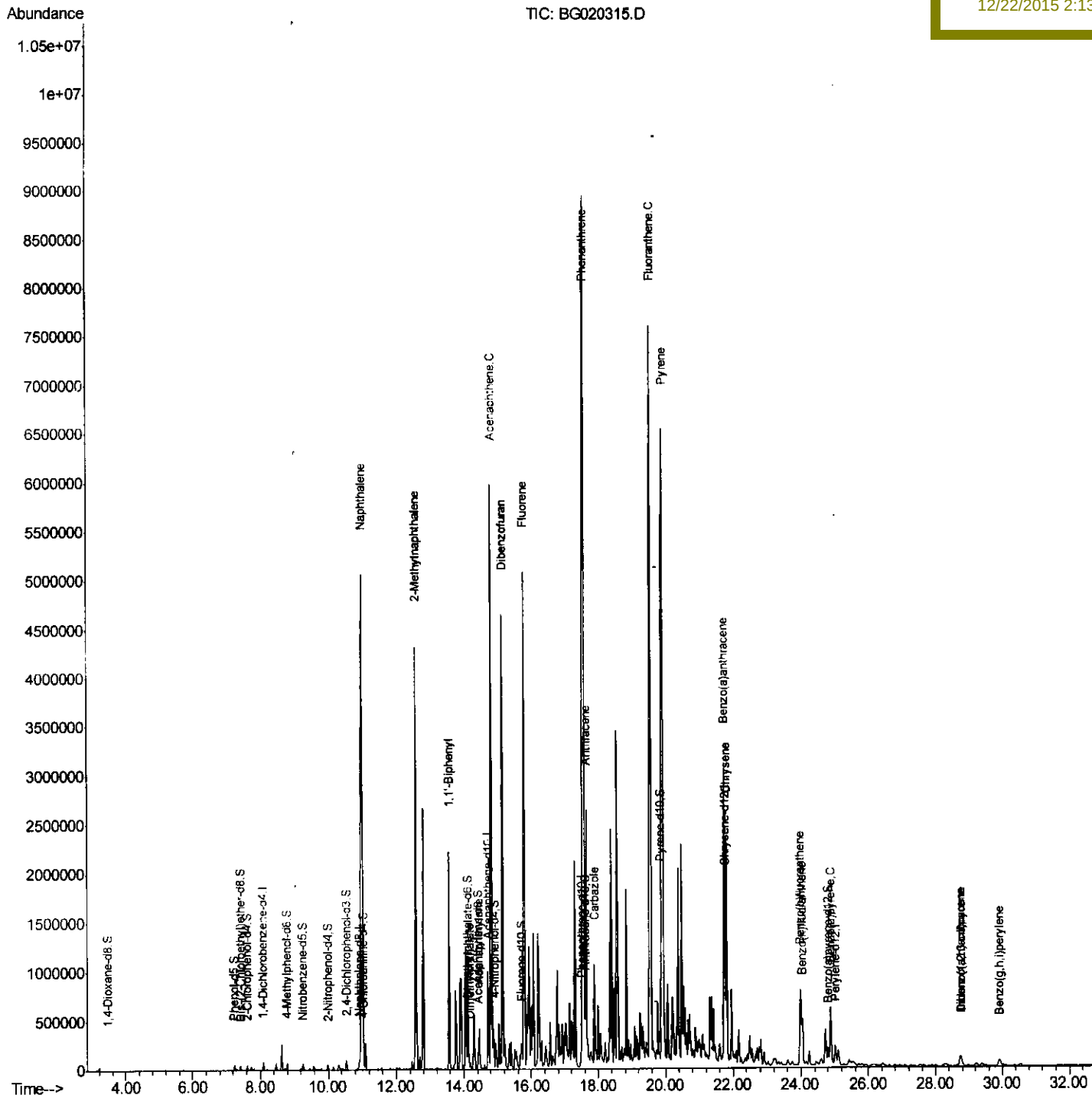
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020315.D
Acq On : 19 Dec 2015 17:11
Operator : UM/SJ
Sample : G4849-08
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 21 12:04:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Sample File : SVOA CALIBRATION
Qlast Update : Sun Dec 20 04:46:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
Client Sample Id :
D9N72

Manual Integrations
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Quantitation Report (Qedit)

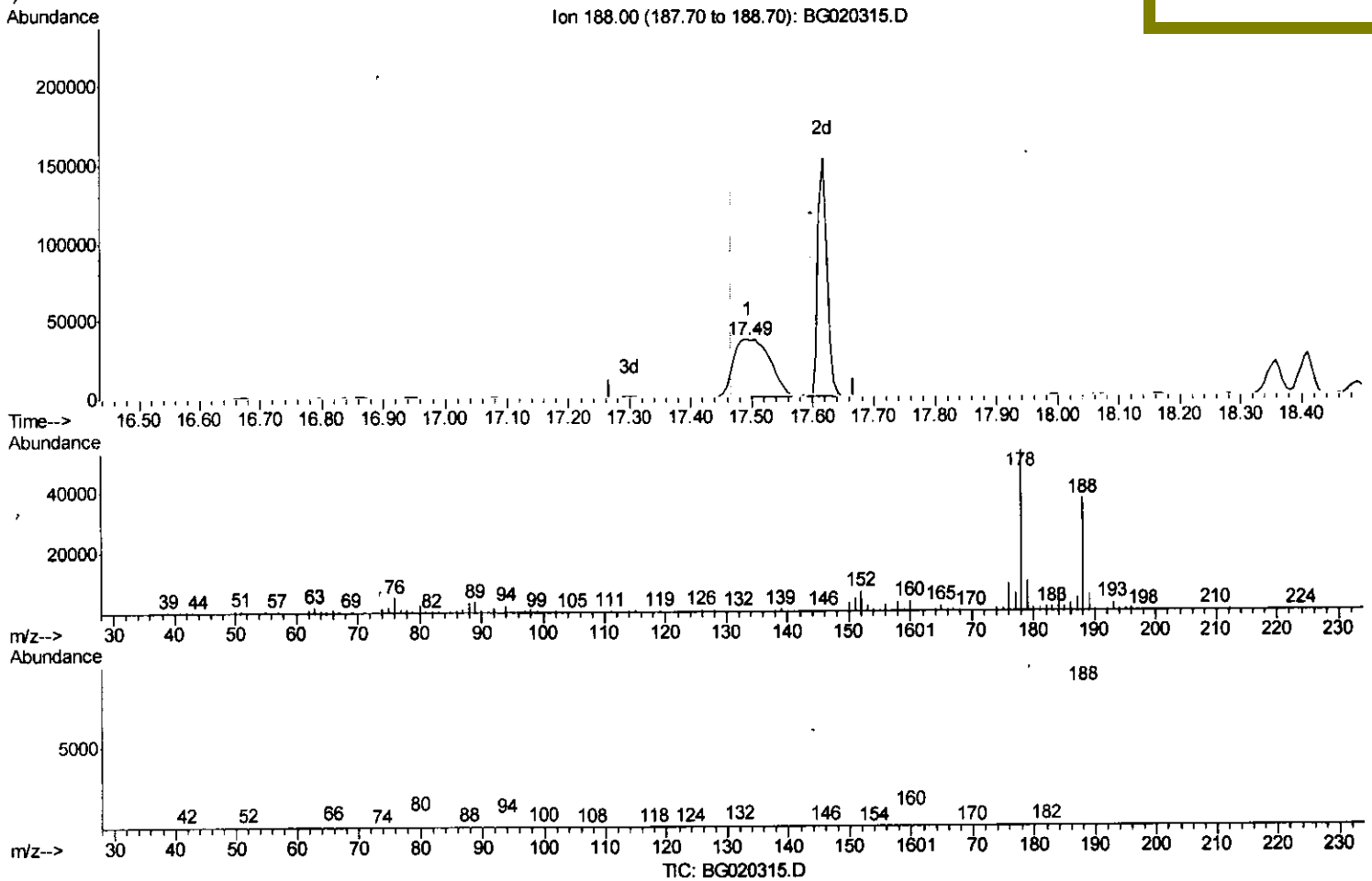
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 04:54:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.494min (+0.026) 20.00ng/ul

response 79642

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.39
80.00	8.90	7.46
0.00	0.00	0.00

Quantitation Report (Qedit)

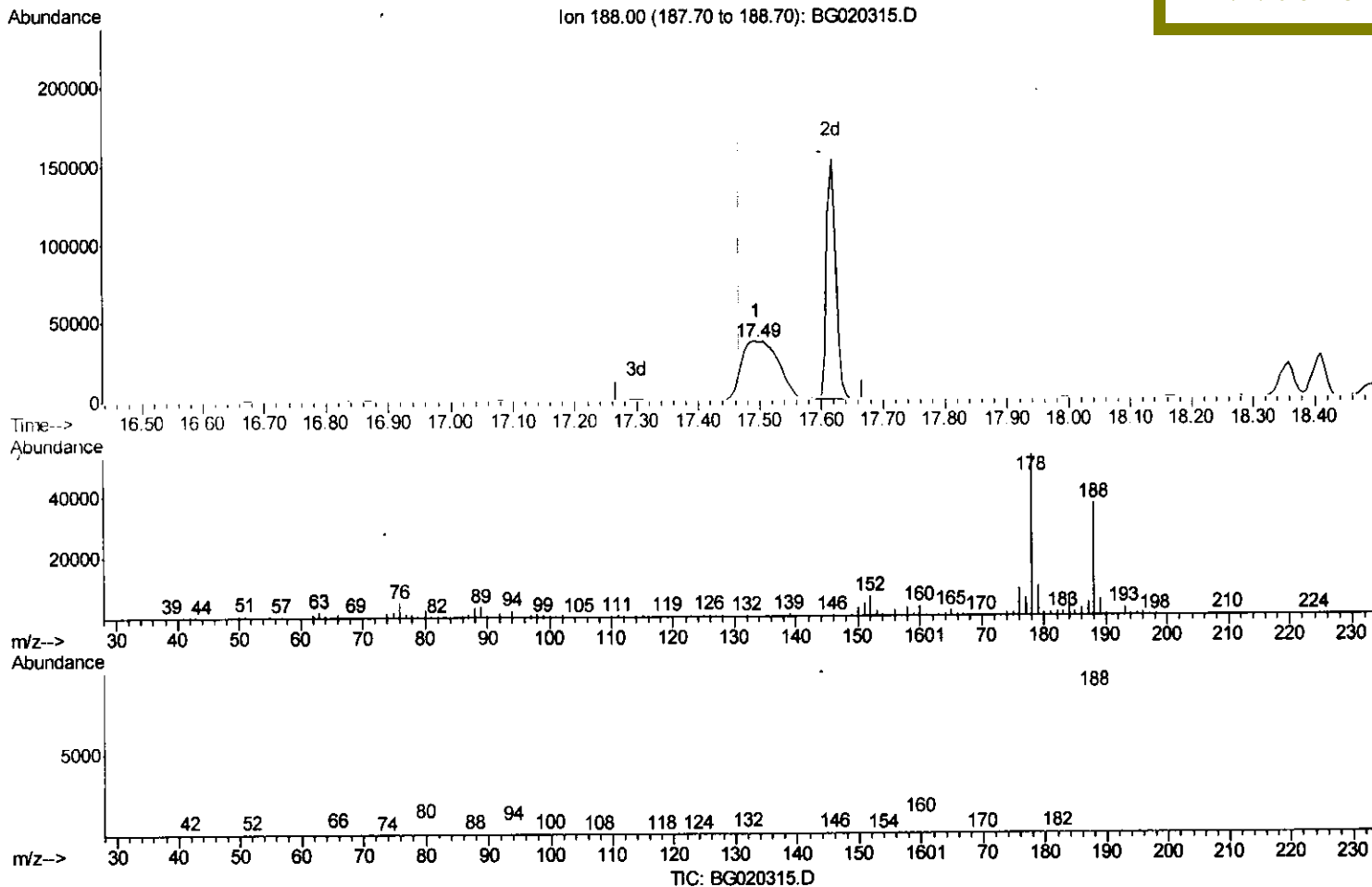
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 04:54:14 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(62) Phenanthrene-d10 (I)

17.494min (+0.026) 20.00ng/ul m

response 156324

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.39
80.00	8.90	7.46
0.00	0.00	0.00

U.M
 12/22/15

Quantitation Report (Qedit)

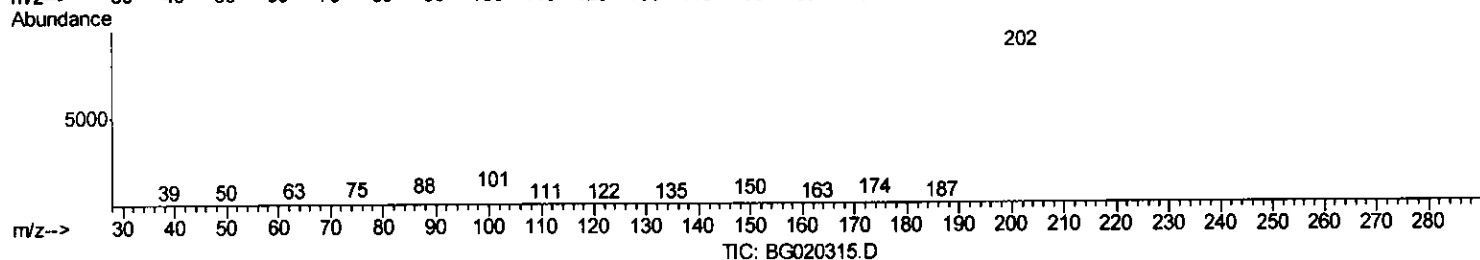
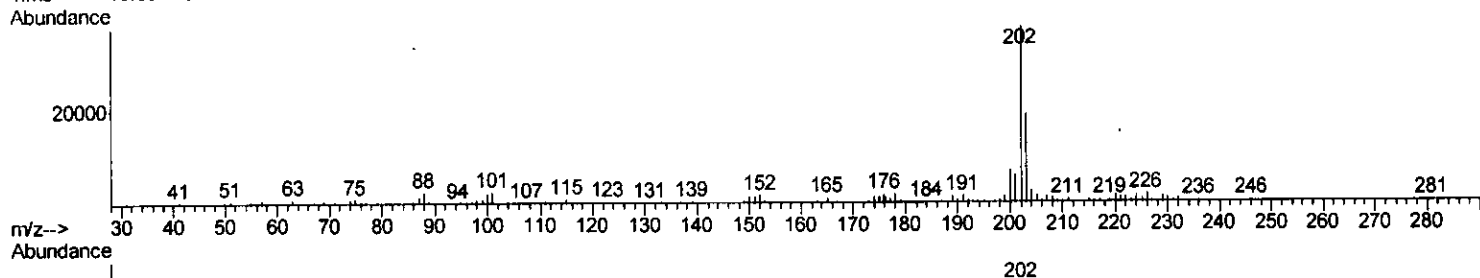
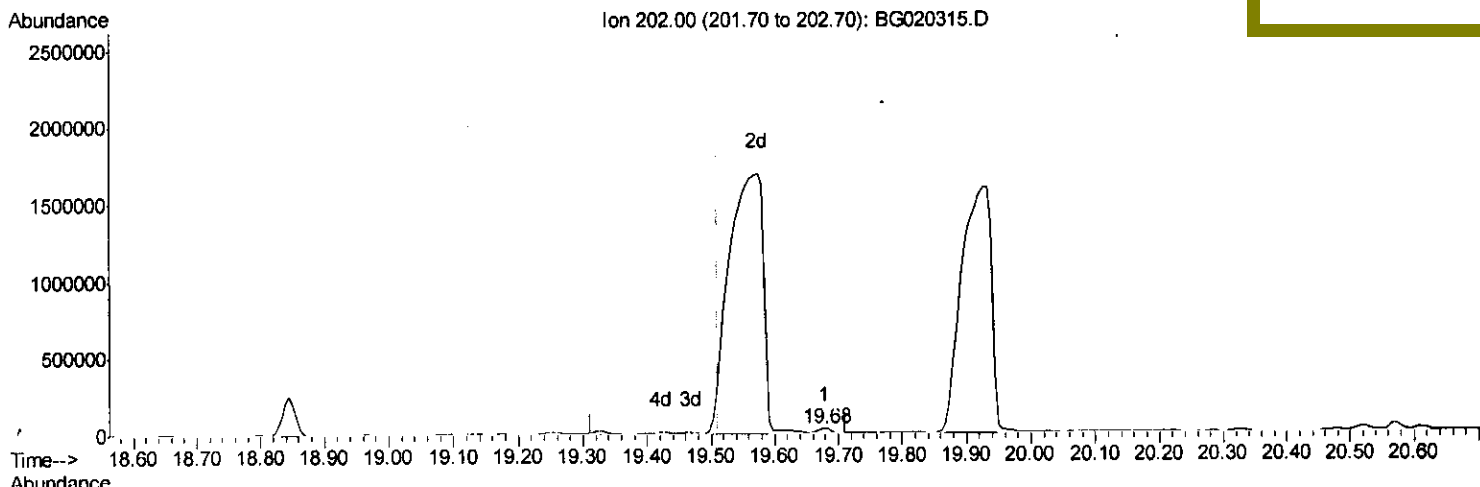
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 05:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

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(77) Fluoranthene (C)

19.679min (+0.167) 4.09ng/ul

response 40827

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	6.85
100.00	6.40	5.94
0.00	0.00	0.00

Quantitation Report (Qedit)

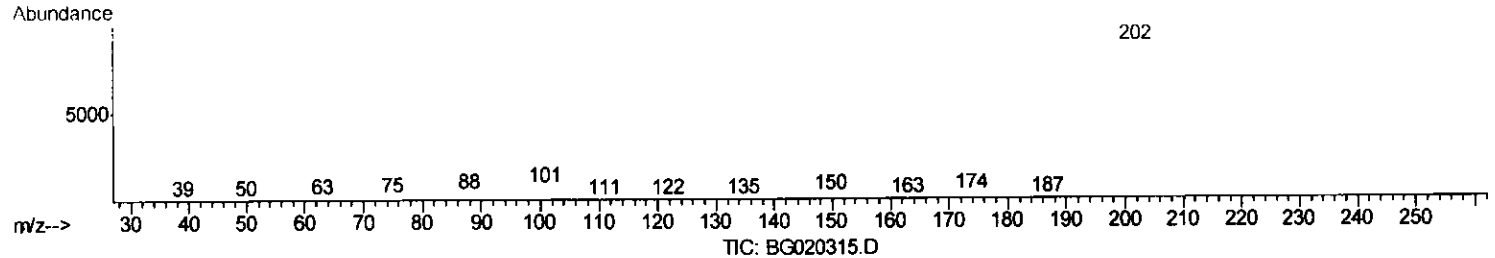
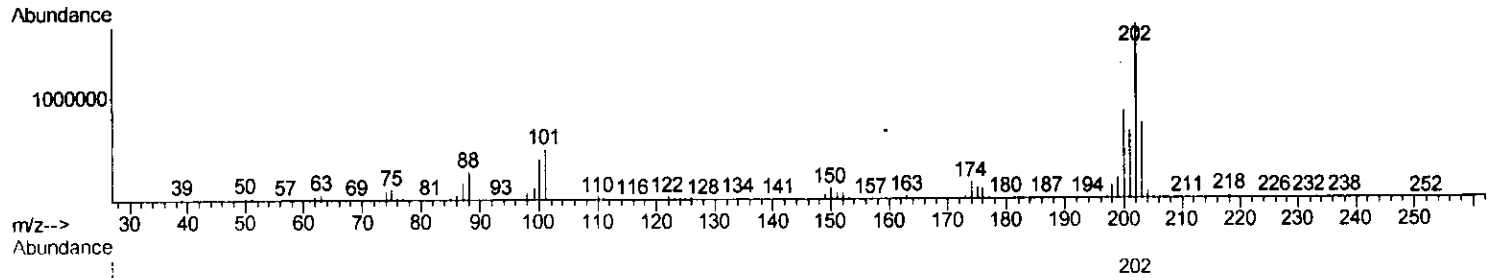
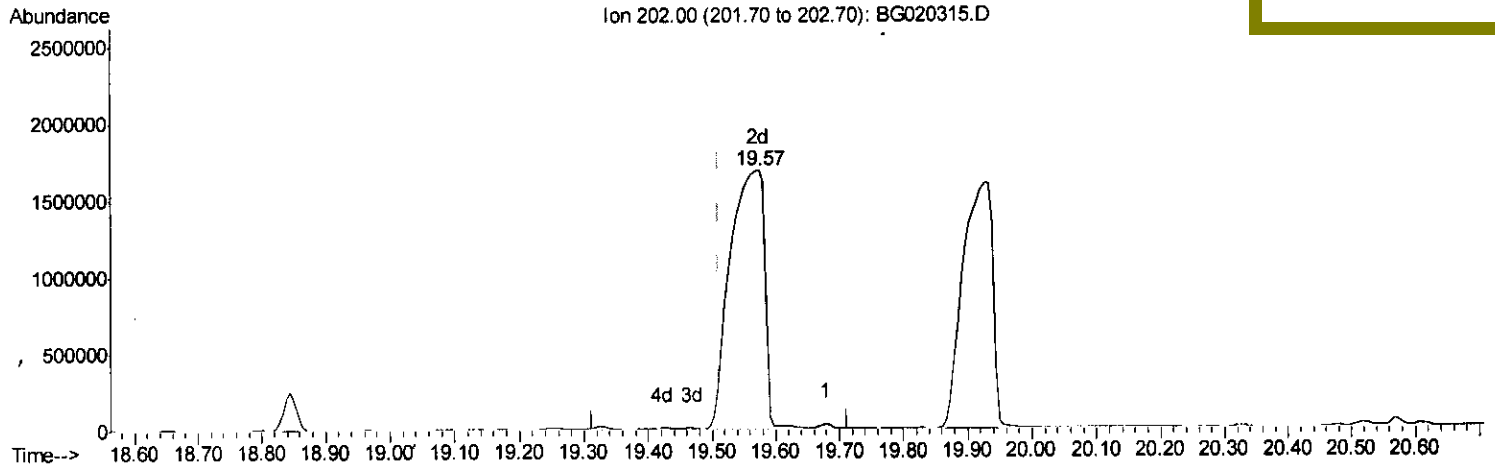
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : 04849-08
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 05:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(77) Fluoranthene (C)

19.573min (+0.061) 626.81ng/ul m

response 6263899

U.M
 12/22/15

Ion	Exp%	Act%
202.00	100	100
101.00	7.80	29.08#
100.00	6.40	23.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

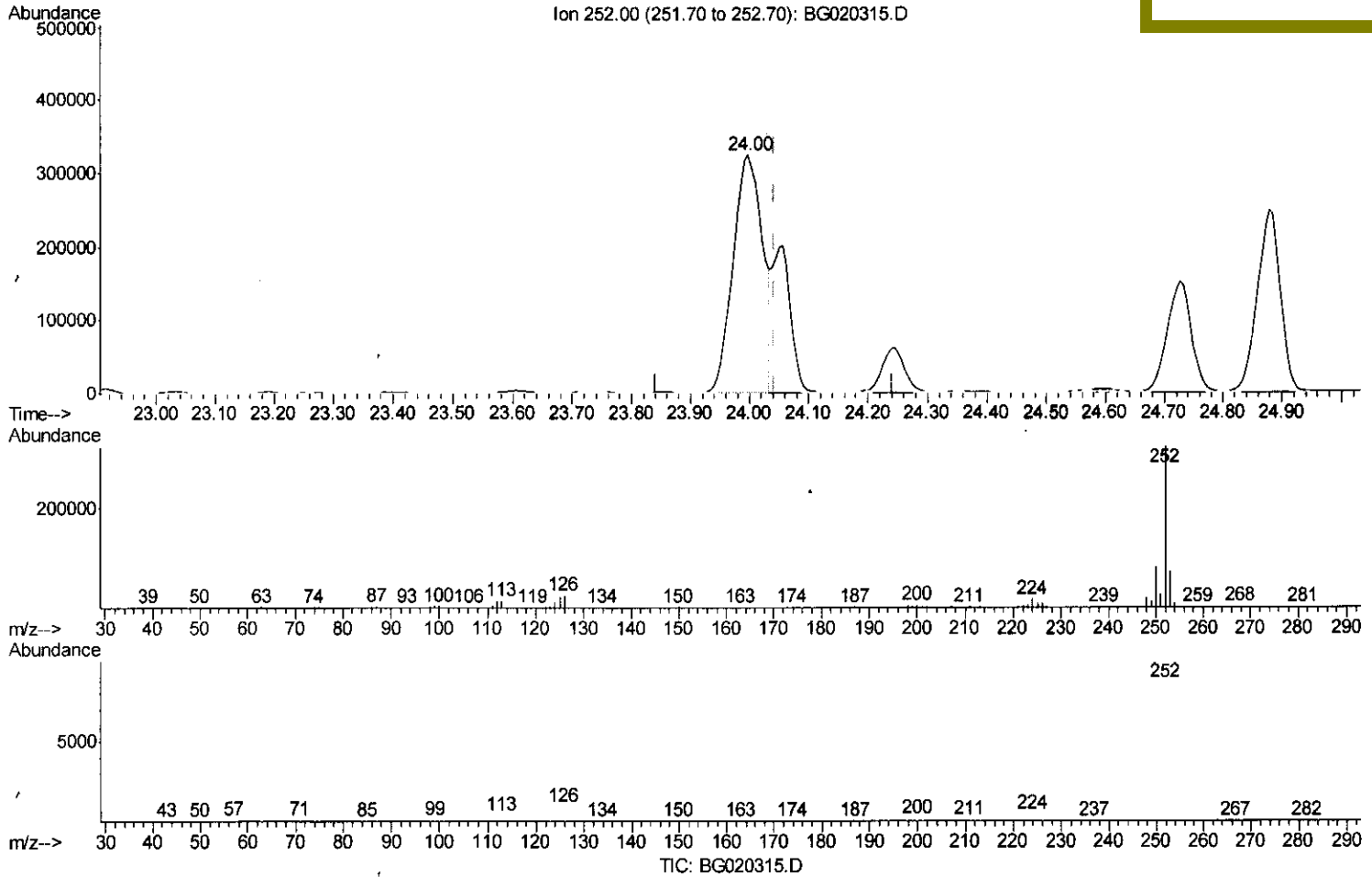
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 05:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene
 23.998min (-0.045) 98.15ng/ul
 response 1130157

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.53
125.00	7.20	6.86
0.00	0.00	0.00

Quantitation Report (Qedit)

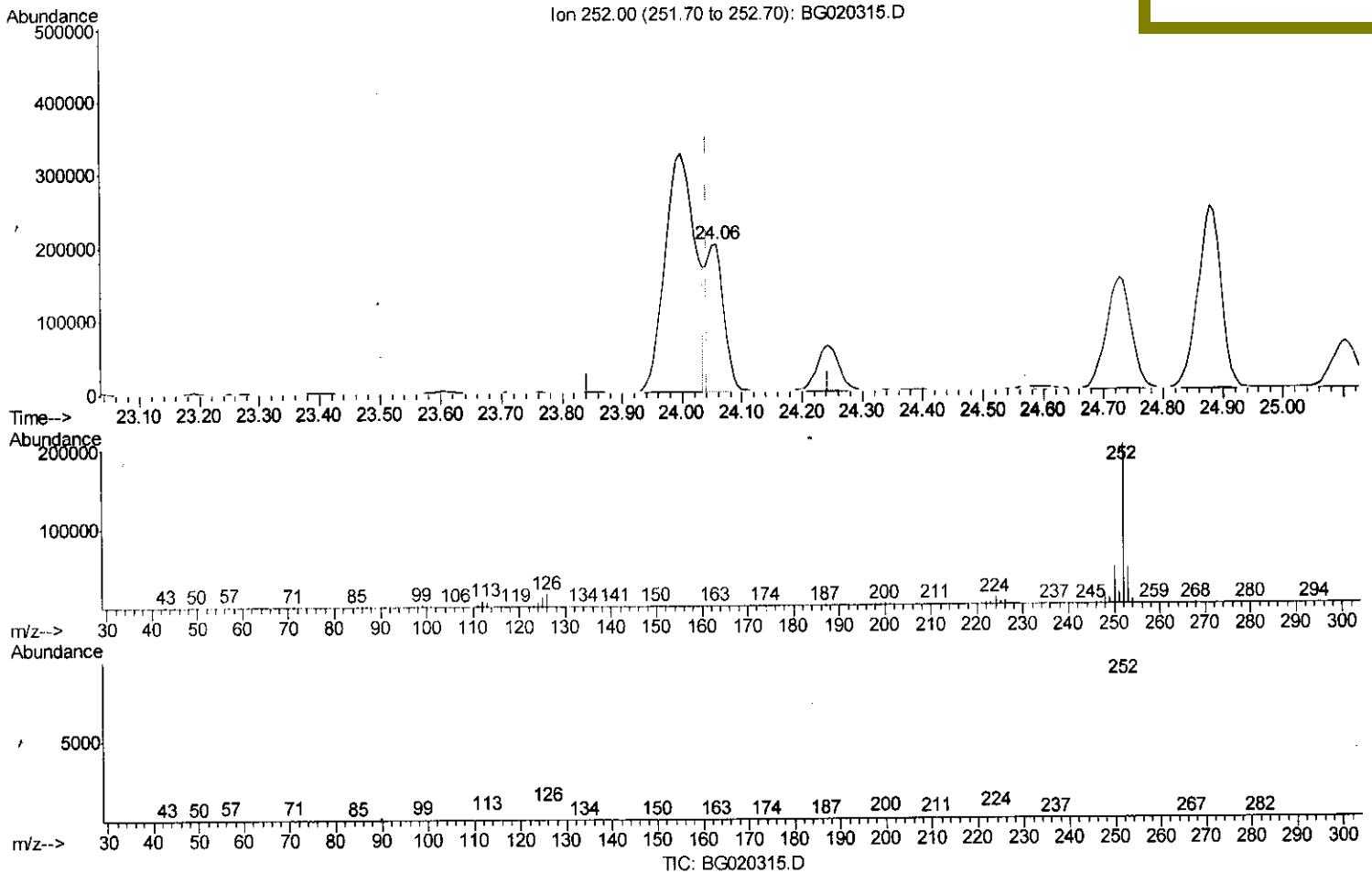
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 20 05:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Manual Integrations
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(89) Benzo(k)fluoranthene

24.056min (+0.014) 37.45ng/ul m *U.M*
12/22/15

response 431262

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.49
125.00	7.20	6.18
0.00	0.00	0.00

Quantitation Report (Qedit)

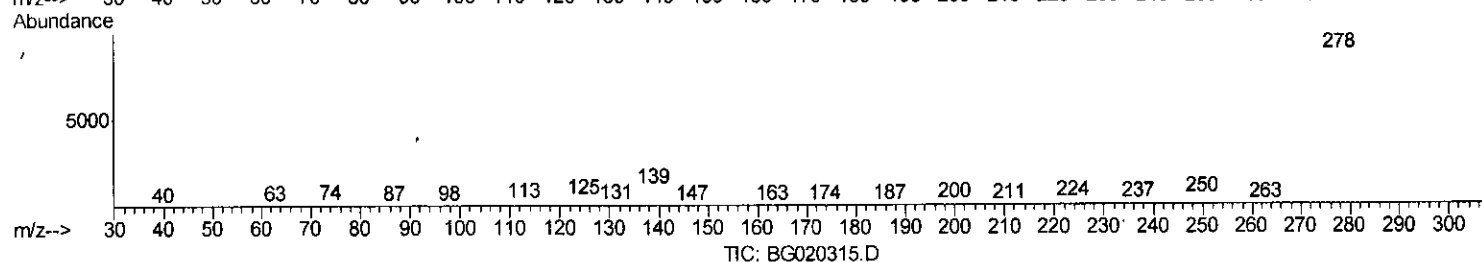
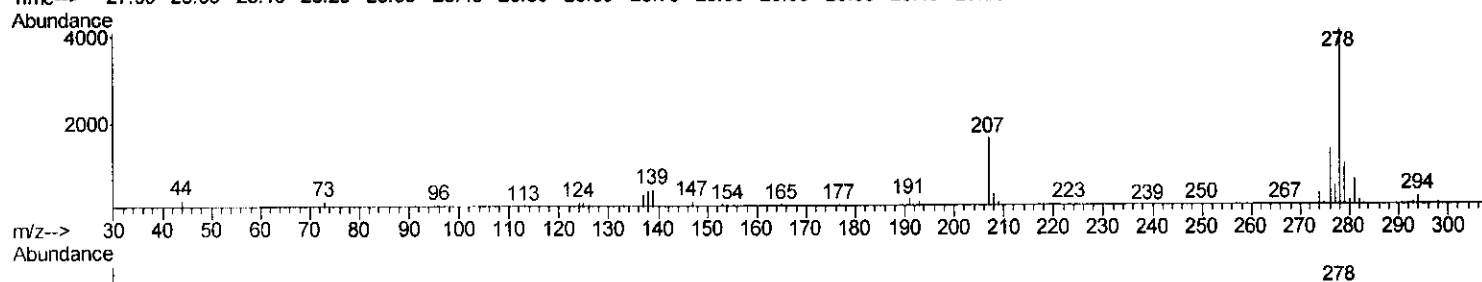
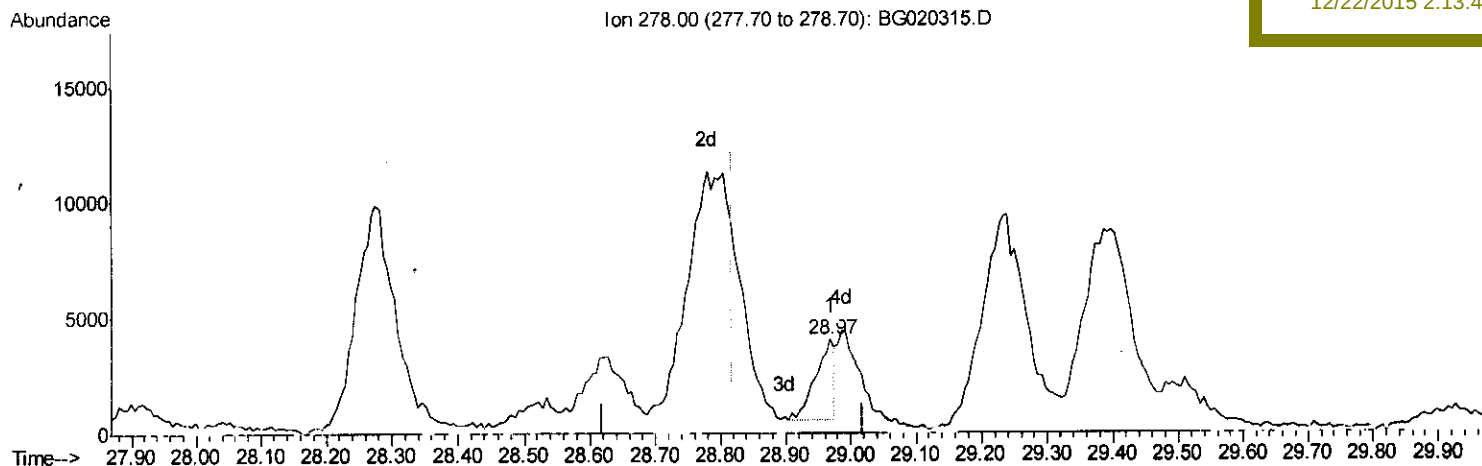
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
Data File : BG020315.D
Acq On : 19 Dec 2015 17:11
Operator : UM/SJ
Sample : G4849-08
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N72

Quant Time: Dec 20 05:35:29 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.968min (+0.149) 0.63ng/ul

response 7059

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	13.10
279.00	24.20	25.97
0.00	0.00	0.00

Quantitation Report (Qedit)

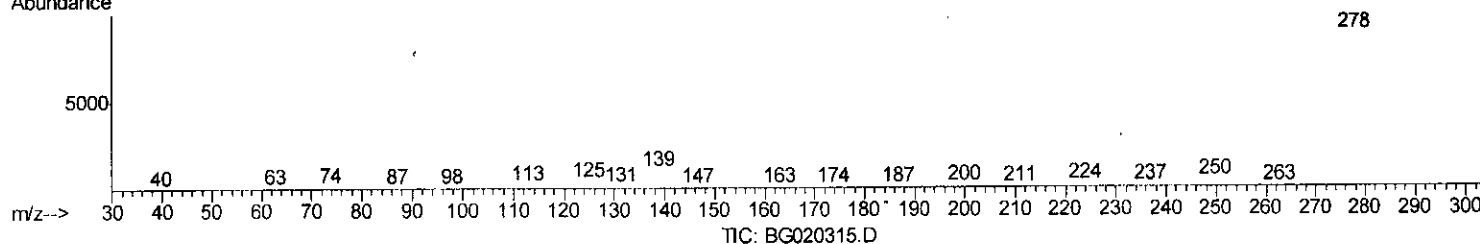
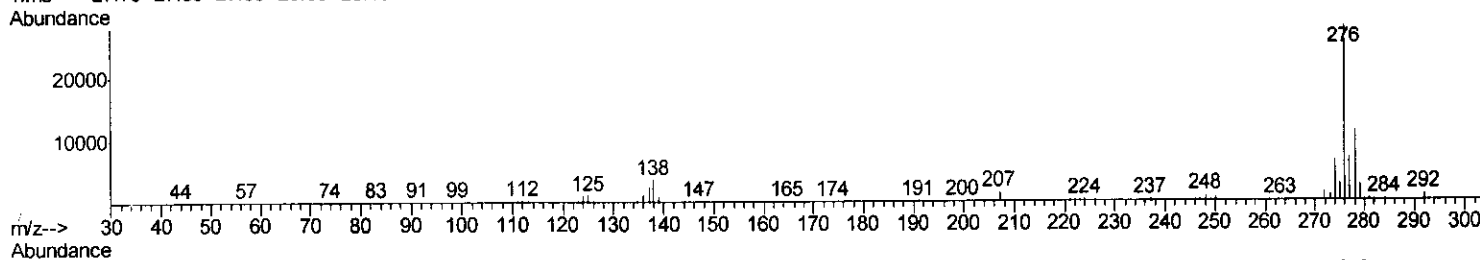
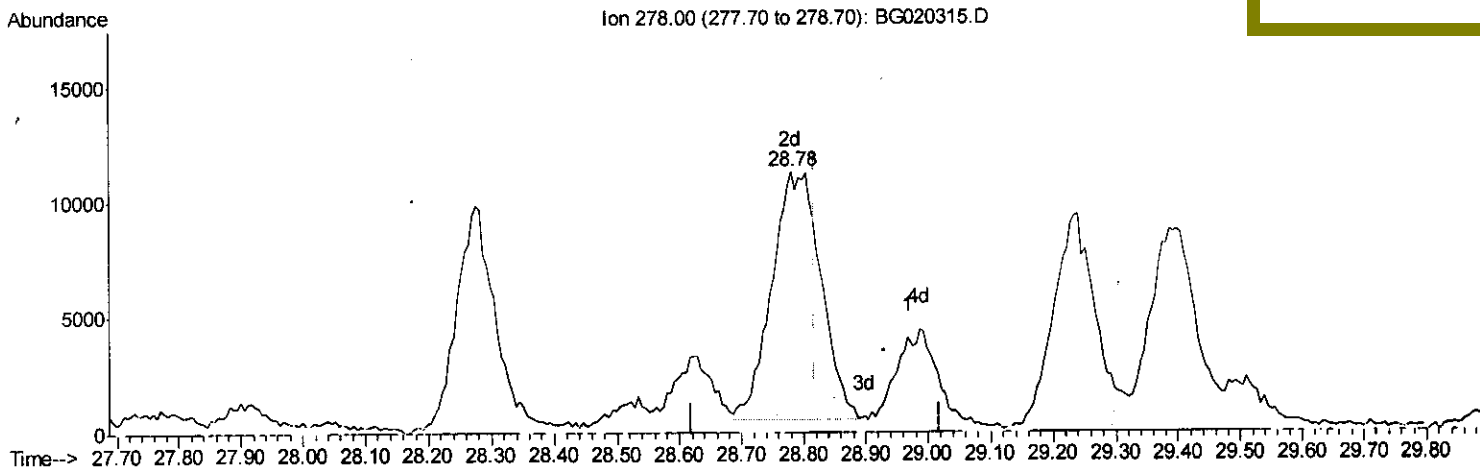
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 D9N72

Quant Time: Dec 20 05:35:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
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Manual Integrations
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(93) Dibenzo(a,h)anthracene

28.780min (-0.039) 5.23ng/ul m *U.M*

response 58818

12/22/15

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	8.18#
279.00	24.20	22.98
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121415\
 Data File : BG020315.D
 Acq On : 19 Dec 2015 17:11
 Operator : UM/SJ
 Sample : G4849-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 21 12:04:07 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 Last Update : Sun Dec 20 04:48:33 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	25828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	104654	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	80015	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	156324m	20.00	ng/ul	0.03
78) Chrysene-d12	21.77	240	206373	20.00	ng/ul	0.02
86) Perylene-d12	25.03	264	199365	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	1197	2.56	ng/uL	0.00
5) Phenol-d5	7.24	99	34955	15.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	24273	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	29004	17.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	30753	15.79	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	16974	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18727	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	33796	18.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	42438	20.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	116717	18.03	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	137776	18.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	16277	14.02	ng/ul	0.00
58) Fluorene-d10	15.72	176	107667	18.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	189	0.20	ng/ul	0.00
71) Anthracene-d10	17.62	188	155571	21.60	ng/ul	0.05
79) Pyrene-d10	19.87	212	201787	20.98	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.80	264	227300	22.86	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	11.01	128	5188512	949.37	ng/ul#	64
34) 2-Methylnaphthalene	12.59	142	2413252	578.09	ng/ul	99
41) 1,1'-Biphenyl	13.57	154	1189951	197.12	ng/ul	98
45) Dimethylphthalate	14.18	163	23572	3.57	ng/ul	99
48) Acenaphthylene	14.45	152	92993	11.62	ng/ul#	82
50) Acenaphthene	14.83	153	3377263	627.44	ng/ul#	86
54) Dibenzofuran	15.16	168	3573703	446.32	ng/ul#	67
59) Fluorene	15.80	166	2984862	464.21	ng/ul#	96
70) Phenanthrene	17.59	178	8631443	1009.45	ng/ul#	37
72) Anthracene	17.65	178	1410206	162.60	ng/ul#	87
75) Carbazole	17.88	167	595812	81.76	ng/ul	97
77) Fluoranthene	19.57	202	6263899m	626.81	ng/ul	56
80) Pyrene	19.93	202	5079688	406.68	ng/ul#	87
83) Benzo(a)anthracene	21.75	228	2041440	169.53	ng/ul#	88
85) Chrysene	21.81	228	1712845	151.03	ng/ul#	97
88) Benzo(b)fluoranthene	24.00	252	1130157	94.18	ng/ul	96
89) Benzo(k)fluoranthene	24.06	252	431262m	37.45	ng/ul	95
91) Benzo(a)pyrene	24.88	252	665779	58.53	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.75	276	212194	15.66	ng/ul	97
93) Dibenzo(a,h)anthracene	28.78	278	58818m	5.23	ng/ul	97
94) Benzo(a,h,i)perylene	29.92	276	158747	14.30	ng/ul	97

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
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Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 21 12:04:07 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 20 04:48:33 2015
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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