

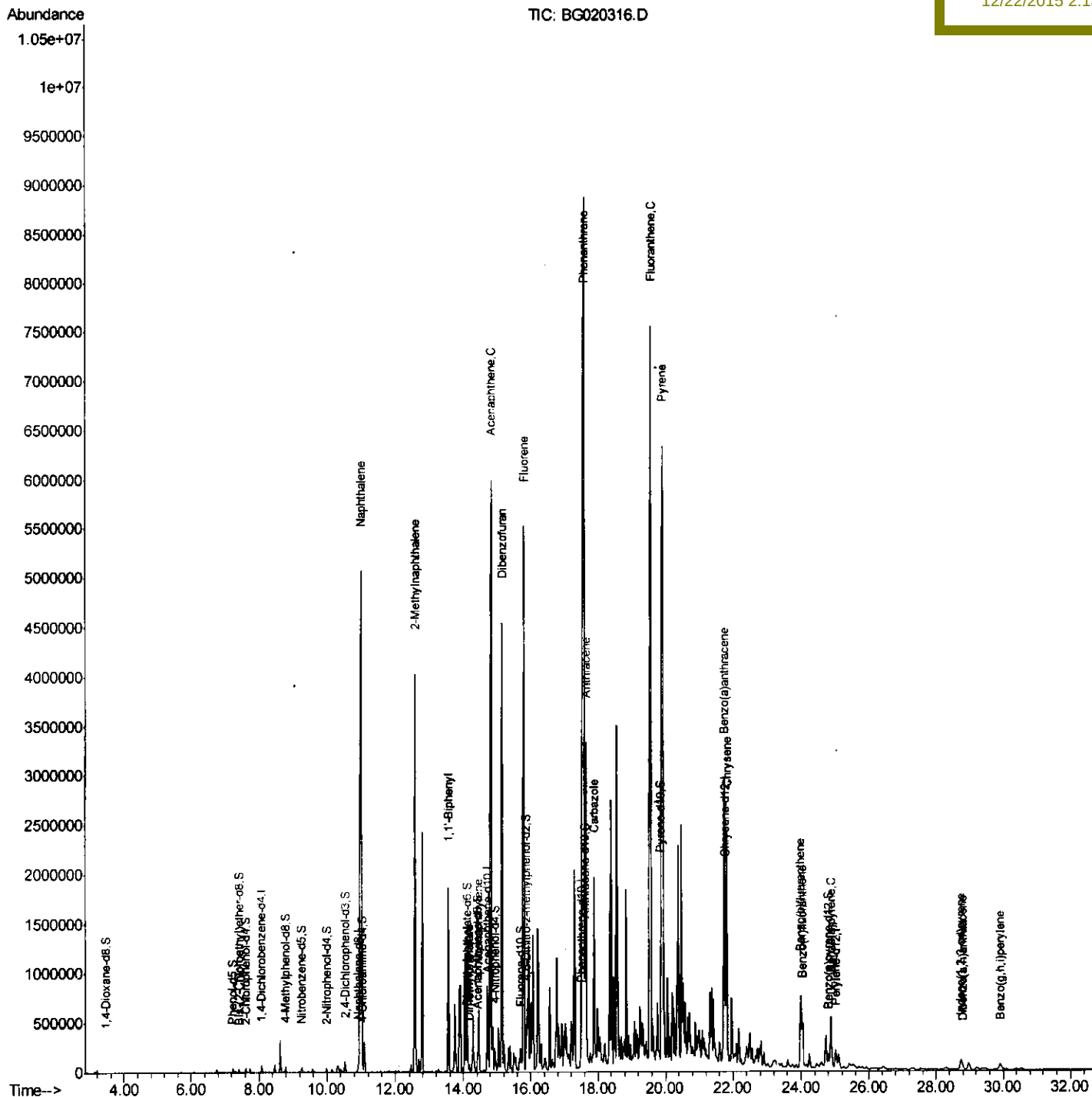
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
Data File : BG020316.D
Acq On : 19 Dec 2015 17:50
Operator : UM/SJ
Sample : G4849-09
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA G
ClientSampleId :
D9N73

Quant Time: Dec 21 12:07:03 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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Quantitation Report (Qedit)

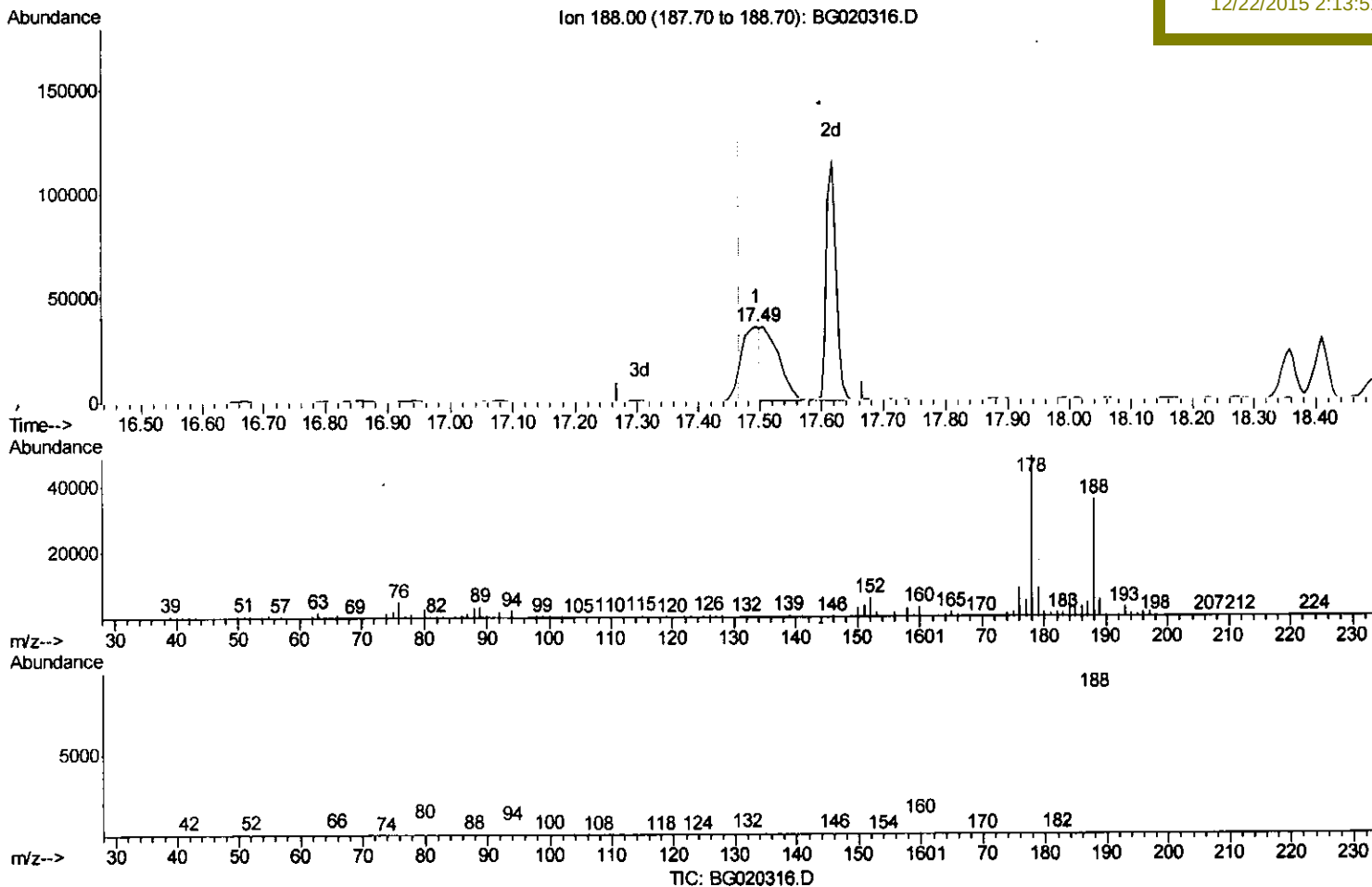
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
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Instrument :
 BNA_G
 ClientSampleId :
 D9N73

Quant Time: Dec 20 04:54:44 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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(62) Phenanthrene-d10 (I)

17.493min (+0.026) 20.00ng/ul

response 76196

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.91
80.00	8.90	8.16
0.00	0.00	0.00

Quantitation Report (Qedit)

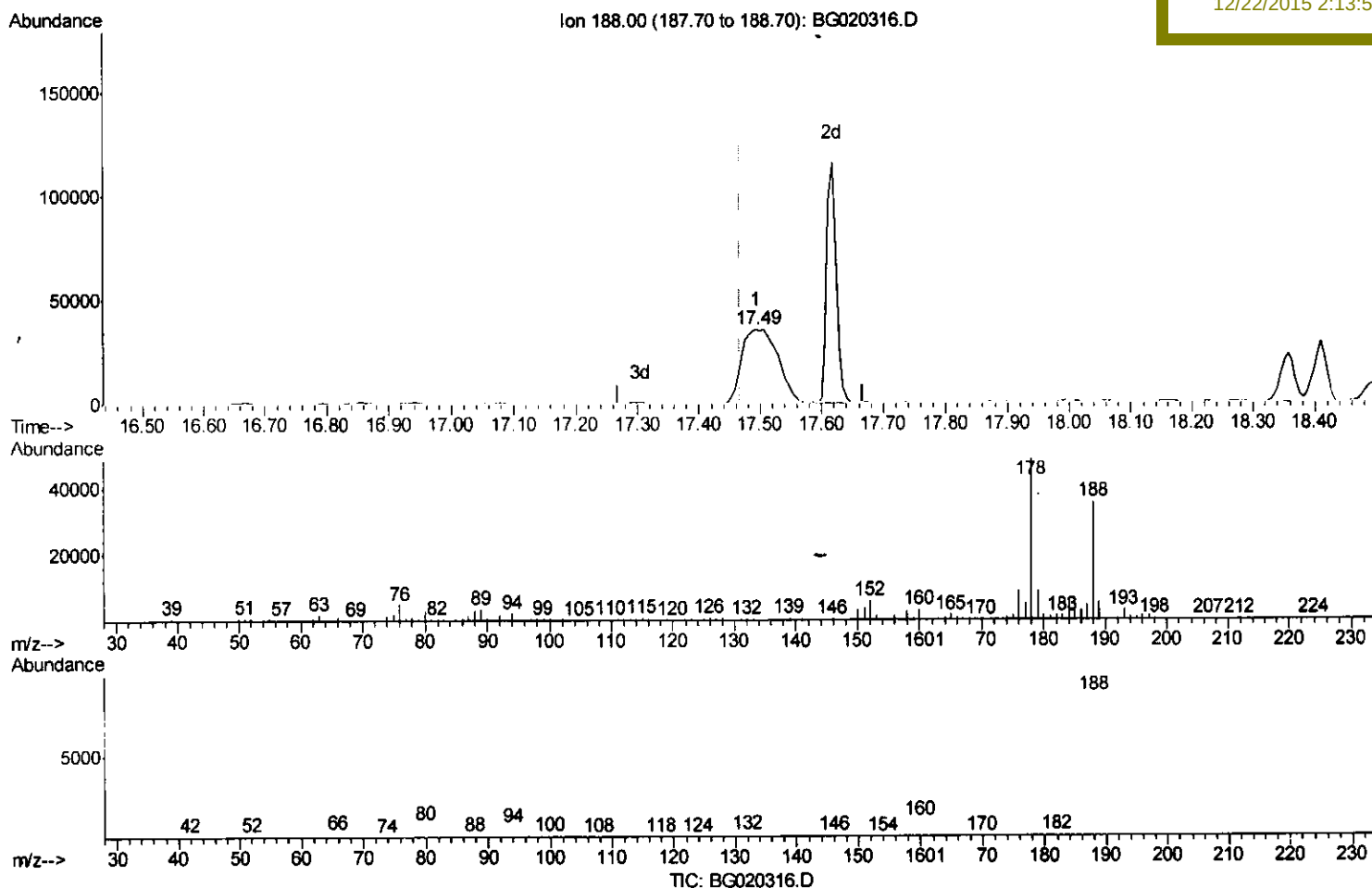
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
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Acq On : 19 Dec 2015 17:50
Operator : UM/SJ
Sample : G4849-09
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Instrument :
BNA_G
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Quant Time: Dec 20 04:54:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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(62) Phenanthrene-d10 (I)

17.493min (+0.026) 20.00ng/ul m V,N

response 145387 12/22/15

Ion	Exp%	Act%
188.00	100	100
94.00	6.90	6.91
80.00	8.90	8.16
0.00	0.00	0.00

Quantitation Report (Qedit)

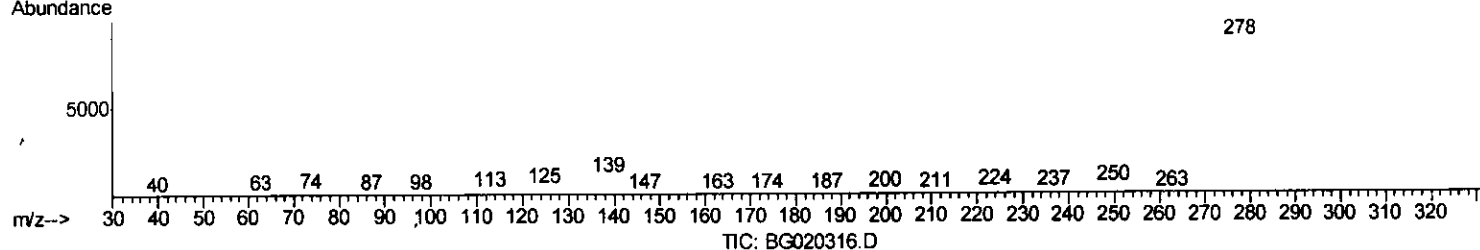
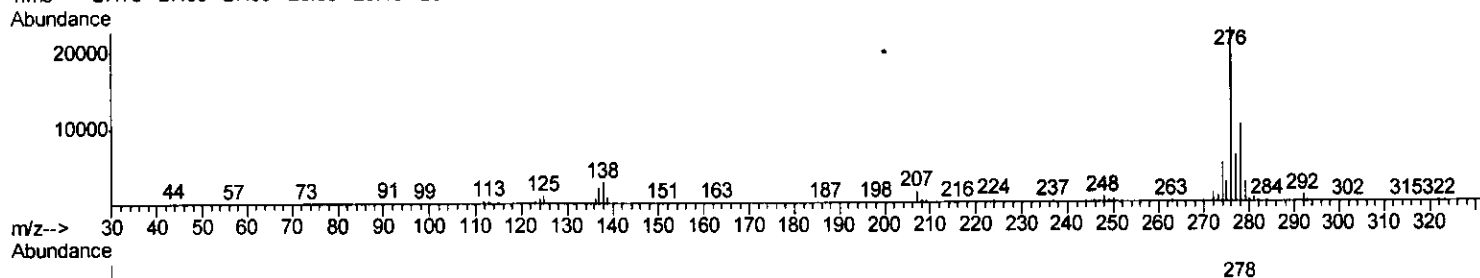
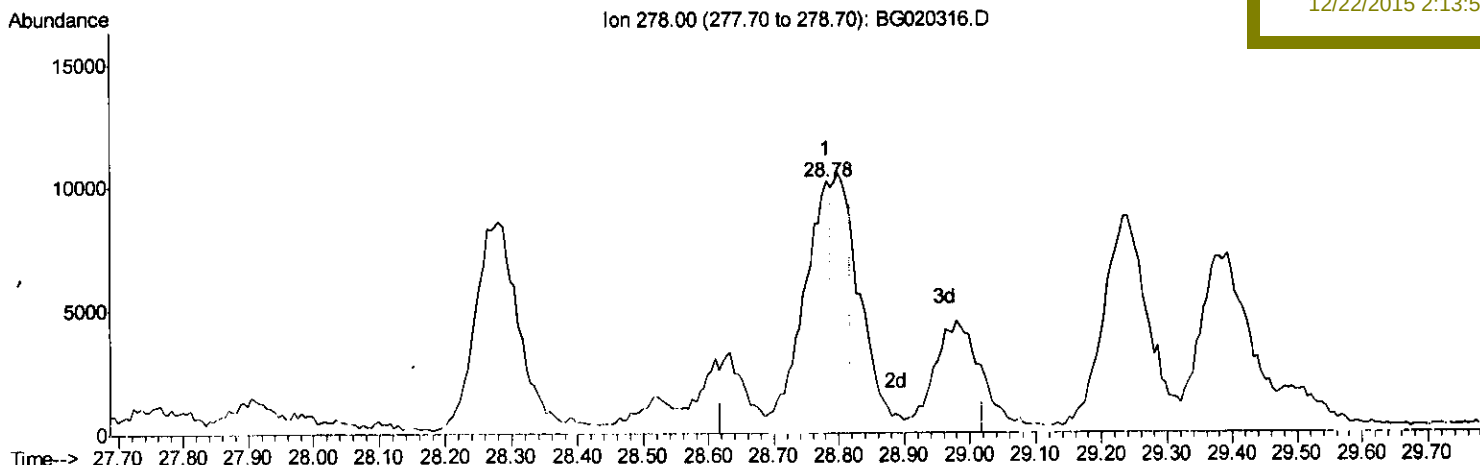
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020316.D
 Acq On : 19 Dec 2015 17:50
 Operator : UM/SJ
 Sample : G4849-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N73

Quant Time: Dec 20 05:48:11 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

28.780min (-0.039) 2.53ng/ul

response 25893

Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.84
279.00	24.20	27.83
0.00	0.00	0.00

Quantitation Report (Qedit)

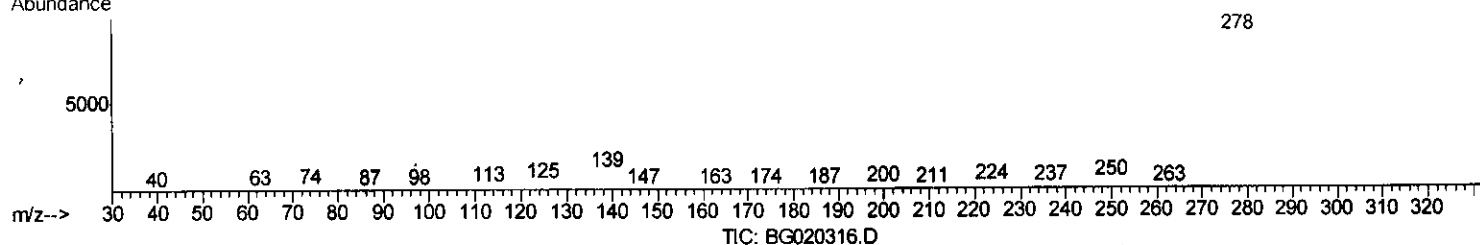
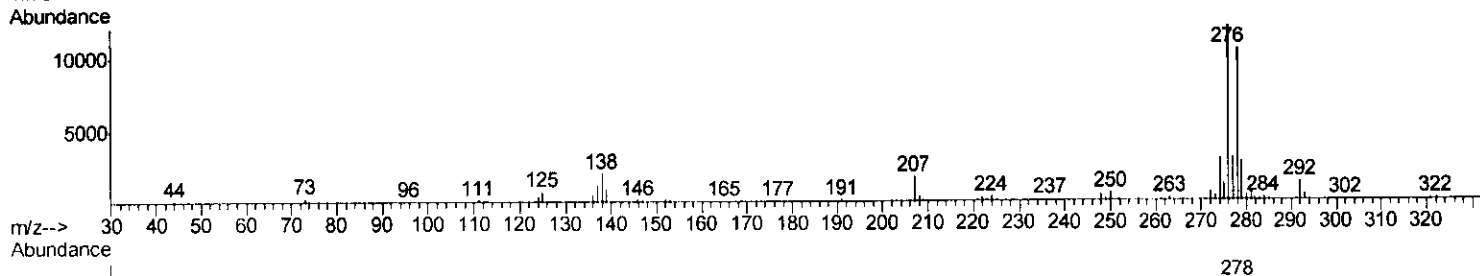
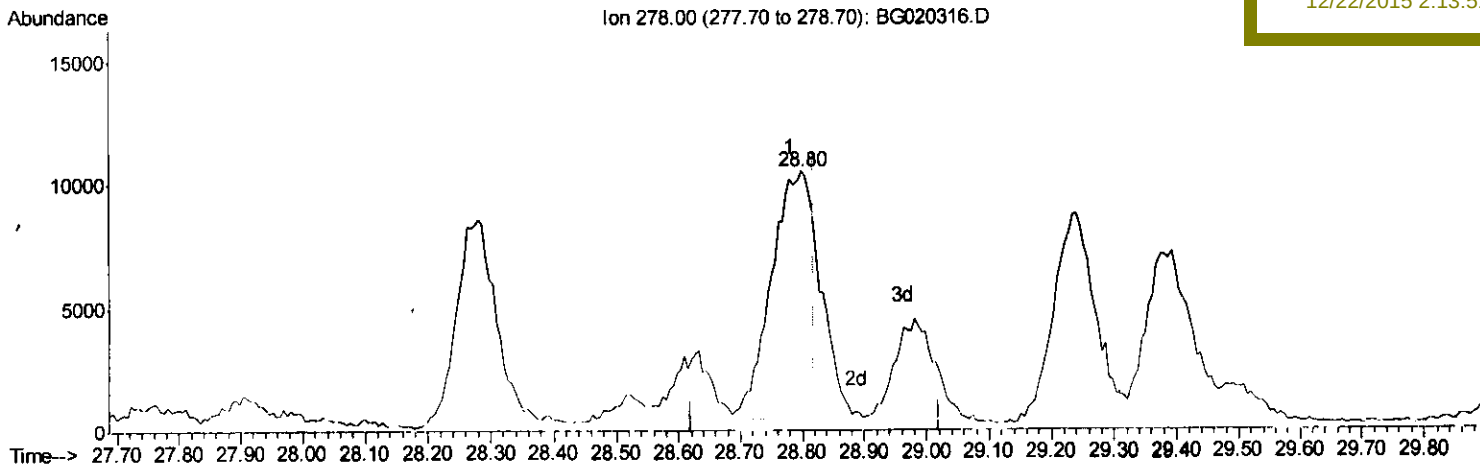
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020316.D
 Acq On : 19 Dec 2015 17:50
 Operator : UM/SJ
 Sample : C4849-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N73

Quant Time: Dec 20 05:48:11 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

28.798min (-0.021) 5.38ng/ul m

response 55052

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Ion	Exp%	Act%
278.00	100	100
139.00	11.80	9.22#
279.00	24.20	27.03
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121915\
 Data File : BG020316.D
 Acq On : 19 Dec 2015 17:50
 Operator : UM/SJ
 Sample : G1849-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9N73

Quant Time: Dec 21 12:07:03 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	22031	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	93428	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	72499	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	145387m	20.00	ng/ul	0.03
78) Chrysene-d12	21.76	240	190862	20.00	ng/ul	0.02
86) Perylene-d12	25.03	264	181388	20.00	ng/ul	0.00

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 12/22/15

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	1002	2.51	ng/uL	0.00
5) Phenol-d5	7.24	99	28375	14.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	19371	16.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	23943	16.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	25379	15.28	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	14265	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	15456	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	28818	17.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	33803	18.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	95523	16.29	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	111479	16.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	14175	13.48	ng/ul	0.01
58) Fluorene-d10	15.72	176	86233	16.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	7293	8.46	ng/ul	0.06
71) Anthracene-d10	17.62	188	122973	18.36	ng/ul	0.05
79) Pyrene-d10	19.87	212	156274	17.57	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.80	264	175240	19.37	ng/ul	0.01

Target Compounds

						Ovalue
28) Naphthalene	11.01	128	5097669	1044.82	ng/ul#	63
34) 2-Methylnaphthalene	12.59	142	2254968	605.08	ng/ul	99
41) 1,1'-Biophenyl	13.57	154	1010168	184.69	ng/ul	99
45) Dimethylphthalate	14.18	163	31289	5.22	ng/ul	97
48) Acenaphthylene	14.45	152	281865	38.89	ng/ul#	94
50) Acenaphthene	14.83	153	3448048	707.00	ng/ul#	85
54) Dibenzofuran	15.15	168	3345973	461.20	ng/ul#	68
59) Fluorene	15.81	166	3425643	588.00	ng/ul#	97
70) Phenanthrene	17.59	178	8485011	1066.97	ng/ul#	37
72) Anthracene	17.65	178	1717179	212.90	ng/ul#	81
75) Carbazole	17.89	167	1313147	193.76	ng/ul	93
77) Fluoranthene	19.57	202	5986586	644.13	ng/ul#	46
80) Pyrene	19.93	202	4816715	416.97	ng/ul#	57
83) Benzo(a)anthracene	21.74	228	1969921	176.89	ng/ul#	87
85) Chrysene	21.82	228	1679237	160.10	ng/ul#	87
88) Benzo(b)fluoranthene	24.00	252	1026916	94.06	ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	393087	37.52	ng/ul	99
91) Benzo(a)pyrene	24.88	252	590388	57.05	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.75	276	183527	14.89	ng/ul	95
93) Dibenzo(a,h)anthracene	28.80	278	55052m	5.38	ng/ul	
94) Benzo(a,h,i)perylene	29.92	276	127026	12.57	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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