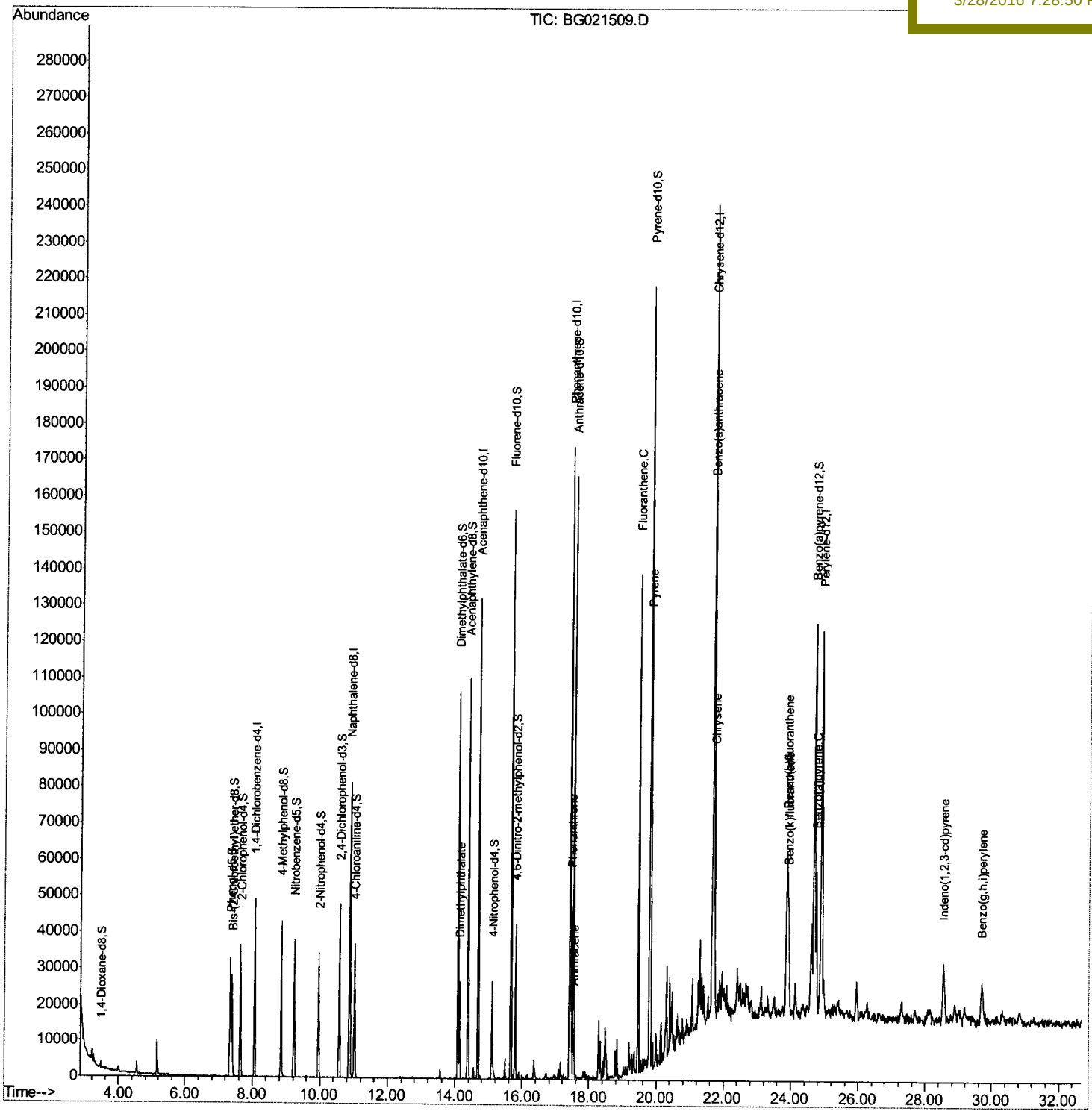
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032516\
Data File : BG021509.D
Acq On : 25 Mar 2016 11:00
Operator : UM/SJ
Sample : H1909-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 00:20:04 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 :
A4T41

Manual Integrations APPROVED
Sohil
3/28/2016 7:28:50 PM



Quantitation Report (Qedit)

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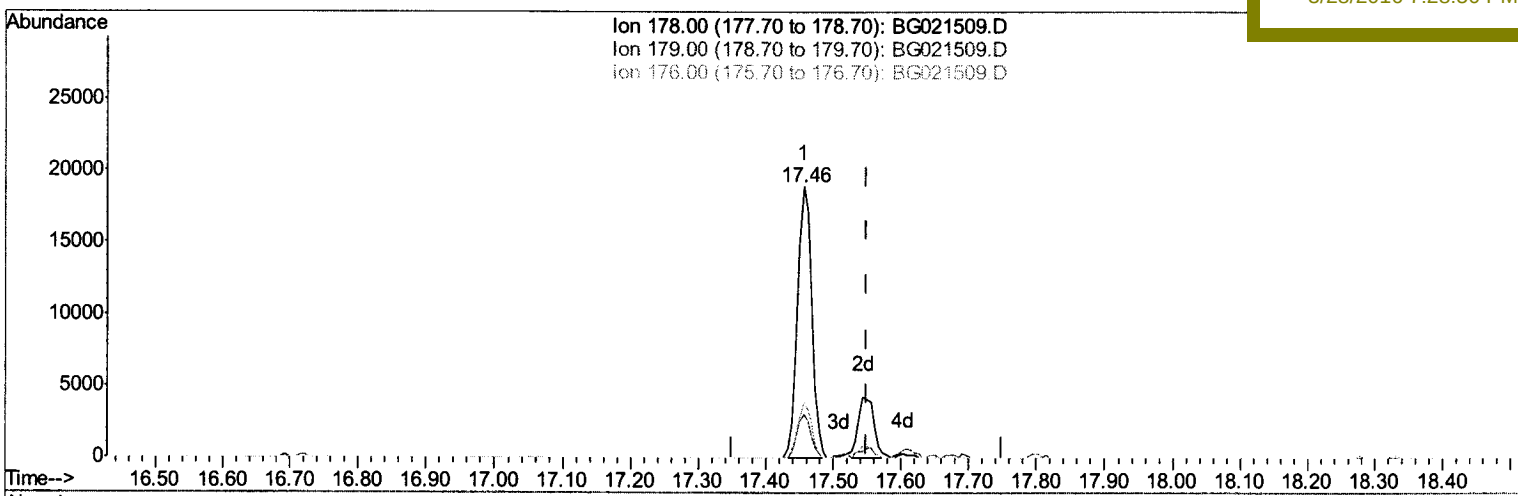

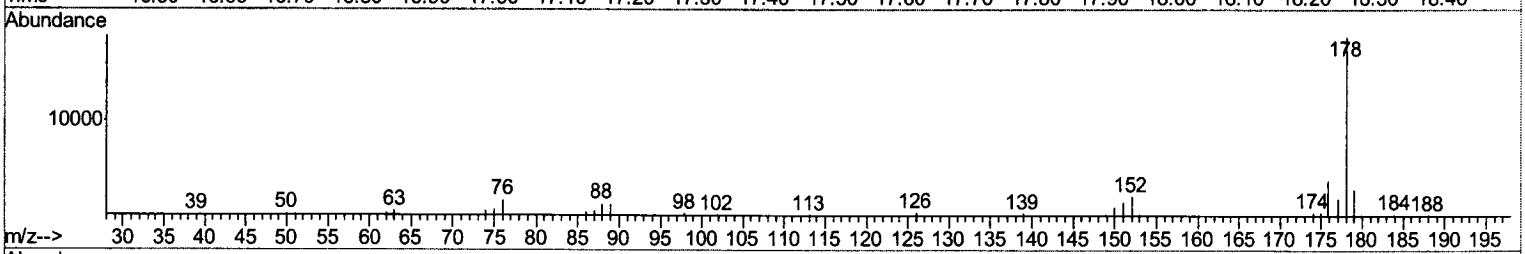

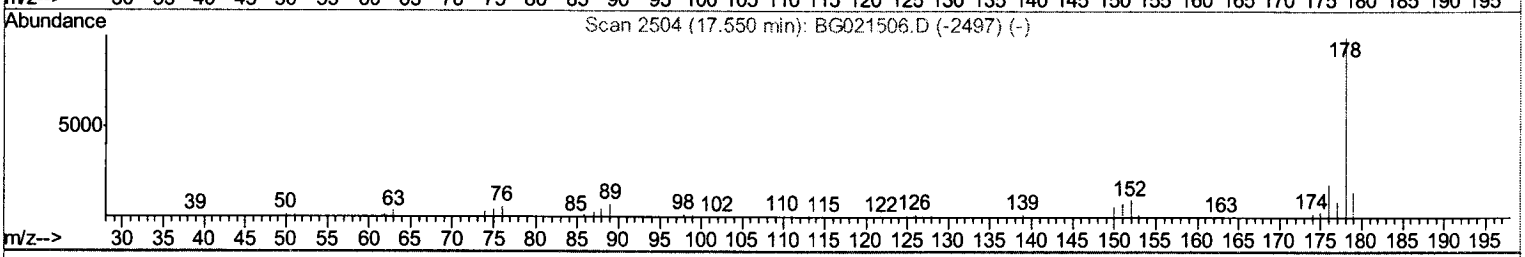

TIC: BG021509.D

(72) Anthracene

17.456min (-0.094) 4.79ng/ul

response 27998

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.98
176.00	19.50	20.44
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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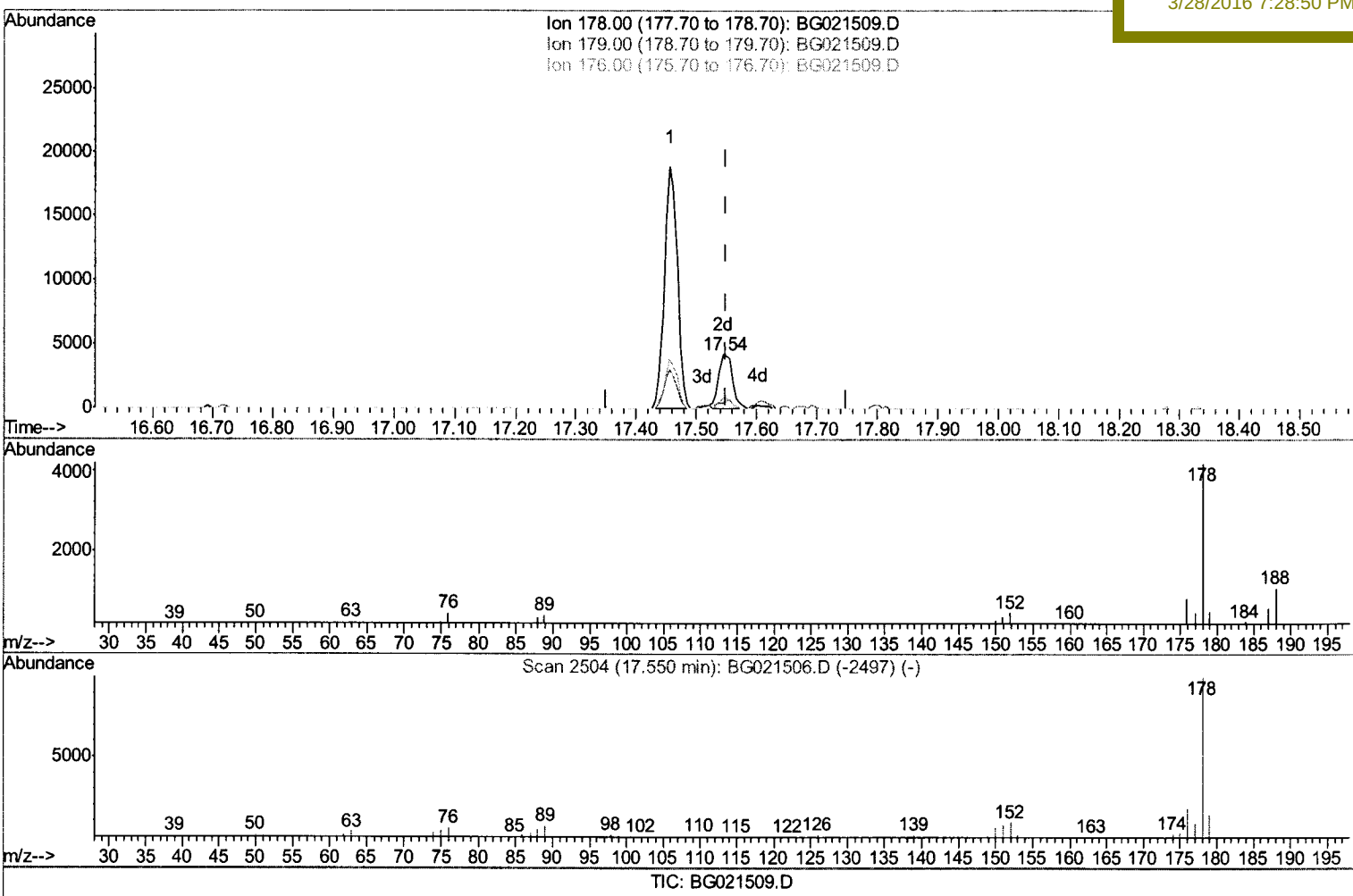

TIC: BG021509.D

(72) Anthracene

17.544min (-0.006) 1.23ng/ul m

response 7174

U·M
04/05/16

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	11.25#
176.00	19.50	19.22
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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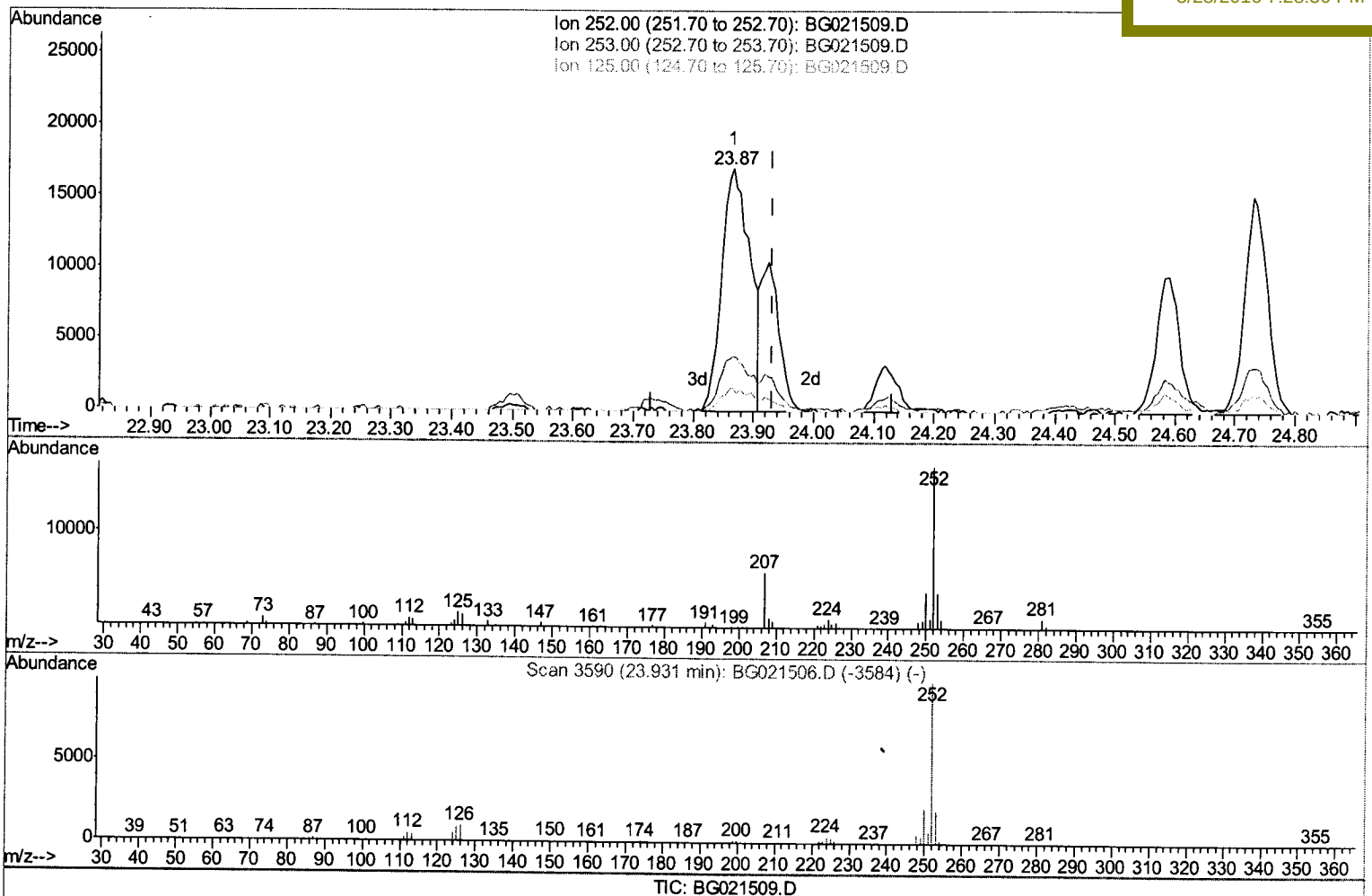

TIC: BG021509.D

(89) Benzo(k)fluoranthene

23.866min (-0.065) 8.01ng/ul

response 55856

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.95
125.00	9.60	9.67
0.00	0.00	0.00

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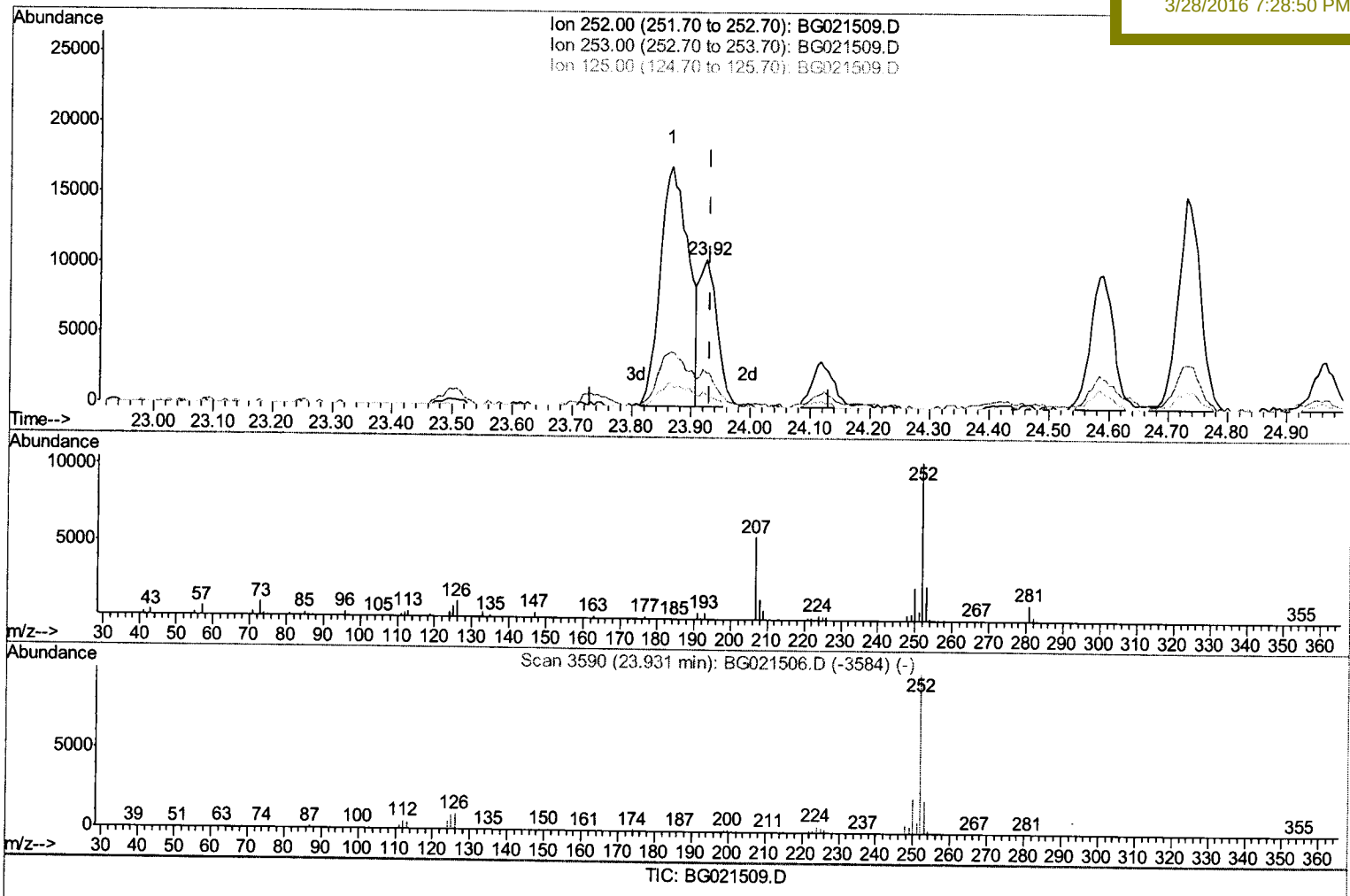
Manual Integrations APPROVED
Sohil
3/28/2016 7:28:50 PM



TIC: BG021509.D

(89) Benzo(k)fluoranthene

23.925min (-0.006) 3.11ng/ul m > U.M 04/05/16

response 21689

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.93
125.00	9.60	7.94
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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3/28/2016 7:28:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	13322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	66160	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	42804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	101472	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	114567	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	110579	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	661	2.23	ng/uL	0.00
5) Phenol-d5	7.34	99	20777	16.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	13238	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	16654	17.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	16541	15.33	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	8872	17.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	9949	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17768	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	20629	15.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	64015	17.96	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	81273	18.50	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	6626	11.63	ng/ul	0.02
58) Fluorene-d10	15.66	176	58331	18.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	9424	14.06	ng/ul	0.00
71) Anthracene-d10	17.51	188	92206	18.54	ng/ul	0.00
79) Pyrene-d10	19.79	212	105267	19.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	110224	21.60	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	14.12	163	16669	4.50	ng/ul	99
70) Phenanthrene	17.46	178	27998	4.87	ng/ul	96
72) Anthracene	17.54	178	7174m	1.23	ng/ul	
77) Fluoranthene	19.46	202	83541	12.05	ng/ul#	95
80) Pyrene	19.82	202	69373	10.16	ng/ul	95
83) Benzo(a)anthracene	21.65	228	40771	5.90	ng/ul	100
85) Chrysene	21.72	228	43232	6.60	ng/ul	92
88) Benzo(b)fluoranthene	23.87	252	55856	7.86	ng/ul	99
89) Benzo(k)fluoranthene	23.92	252	21689m	3.11	ng/ul	
91) Benzo(a)pyrene	24.73	252	39369	5.71	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.54	276	25643	3.27	ng/ul	96
94) Benzo(g,h,i)perylene	29.69	276	20815	3.23	ng/ul	99

U.M 04/05/16

U.M 04/05/16

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