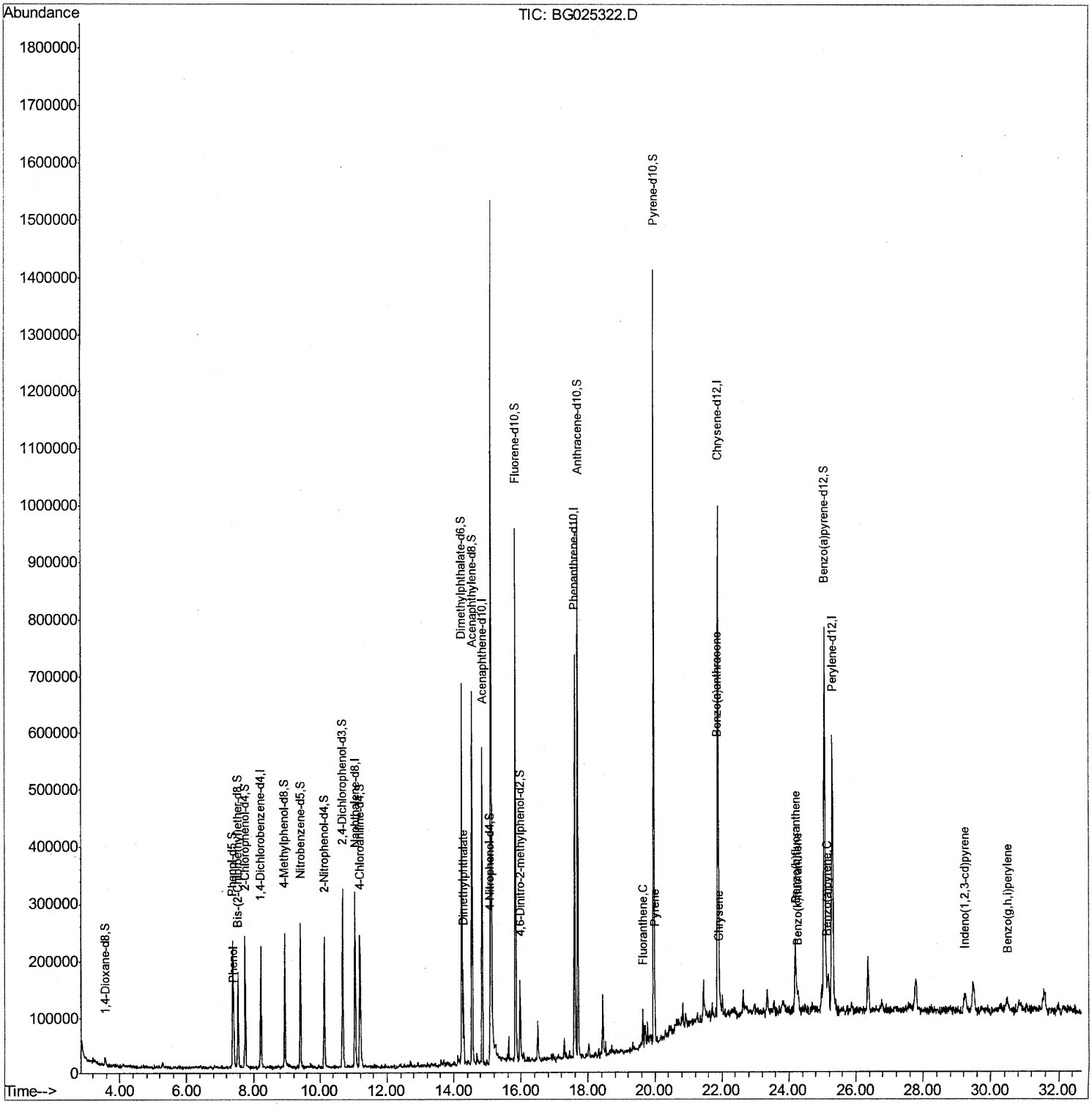
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
Data File : BG025322.D
Acq On : 19 Dec 2016 17:50
Operator : UM/SJ
Sample : H6069-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 02:38:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 20 02:21:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7H7

Manual Integrations APPROVED
sohil
12/20/2016 6:29:46 PM



Quantitation Report (Qedit)

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Data File : BG025322.D
Acq On : 19 Dec 2016 17:50
Operator : UM/SJ
Sample : H6069-01
Misc :
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Quant Time: Dec 20 02:26:05 2016
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Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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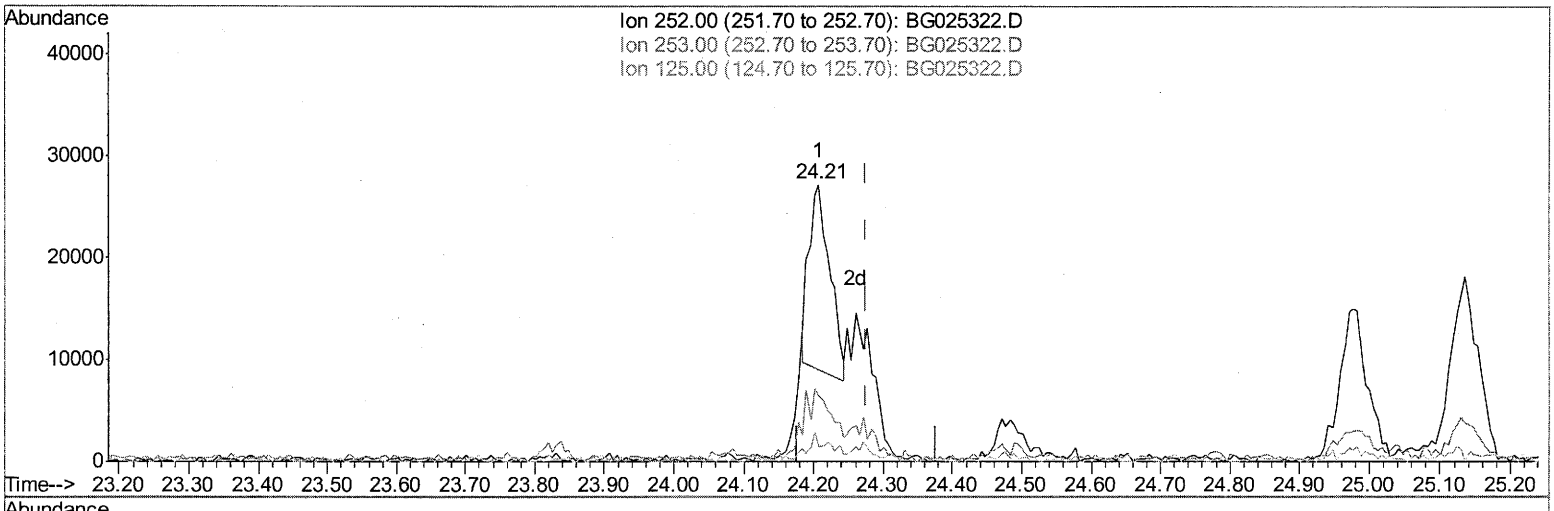

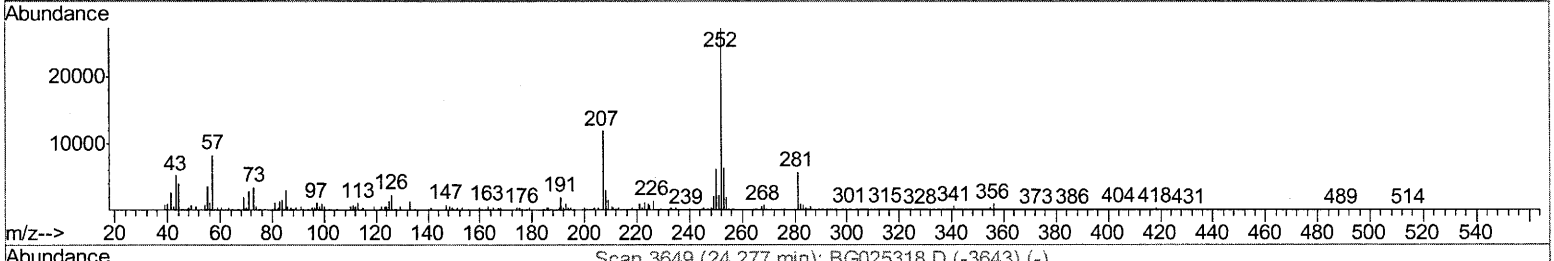

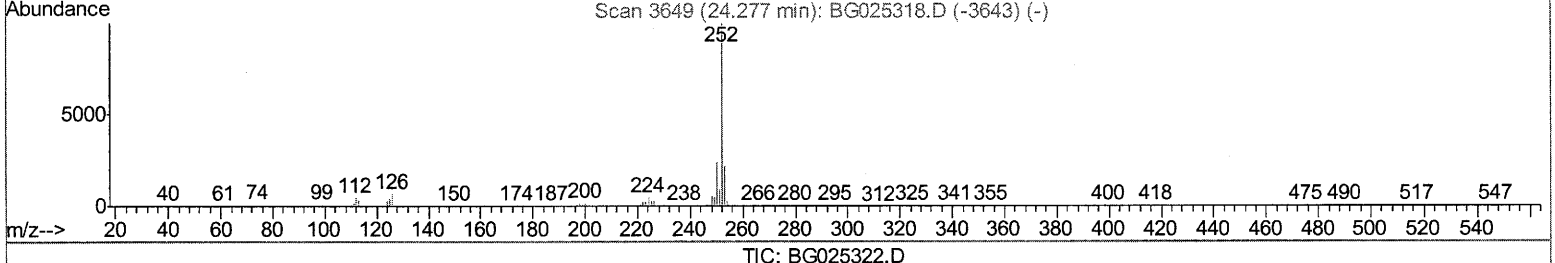

TIC: BG025322.D

(86) Benzo(k)fluoranthene

24.207min (-0.070) 1.30ng/ul

response 37046

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.76
125.00	5.10	5.60
0.00	0.00	0.00

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Manual Integrations APPROVED
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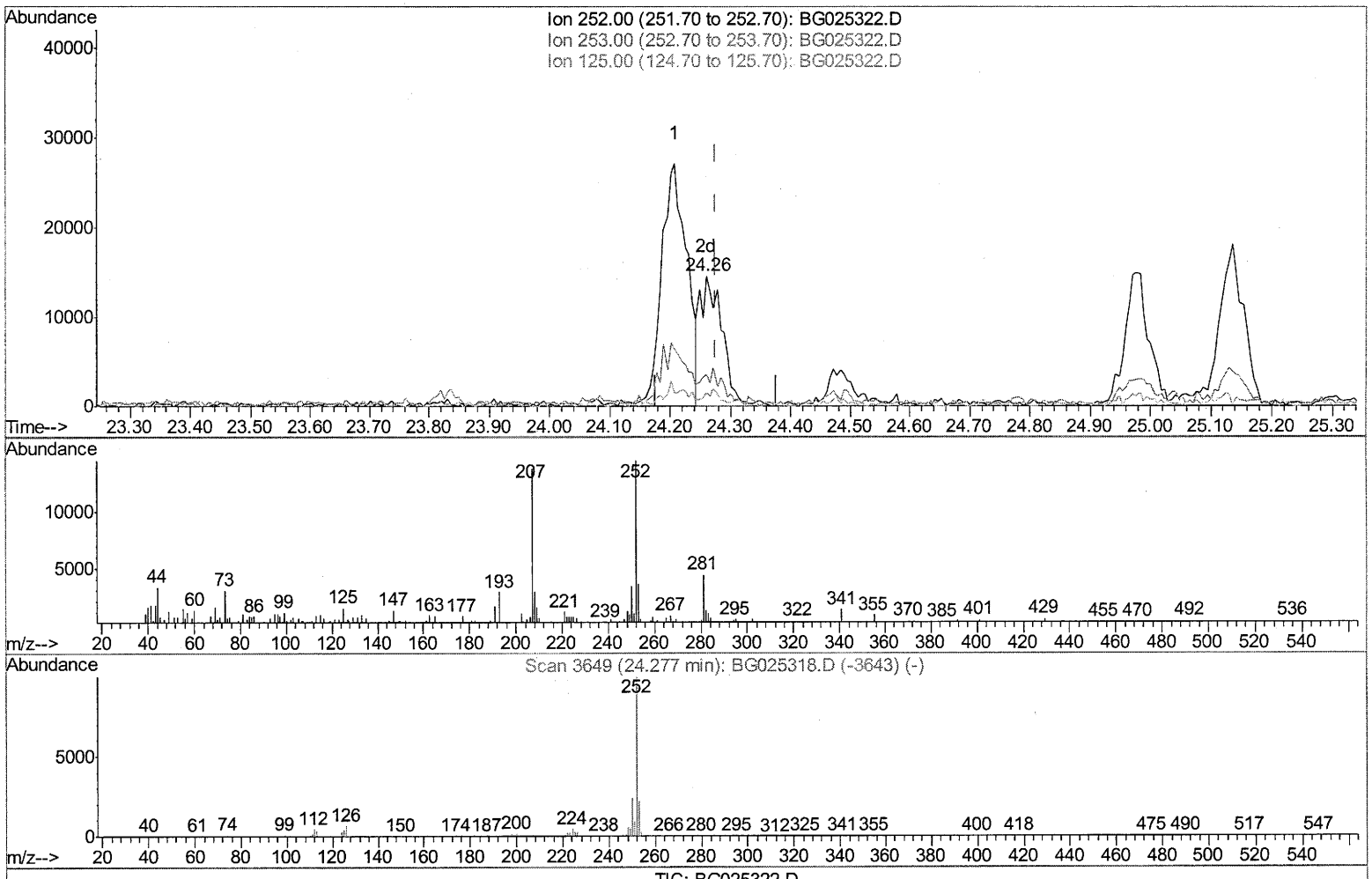

TIC: BG025322.D

(86) Benzo(k)fluoranthene

24.260min (-0.017) 1.28ng/ul m

response 36432

Um
12/20/16

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.73
125.00	5.10	9.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121916\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
DA7H7

Manual Integrations APPROVED
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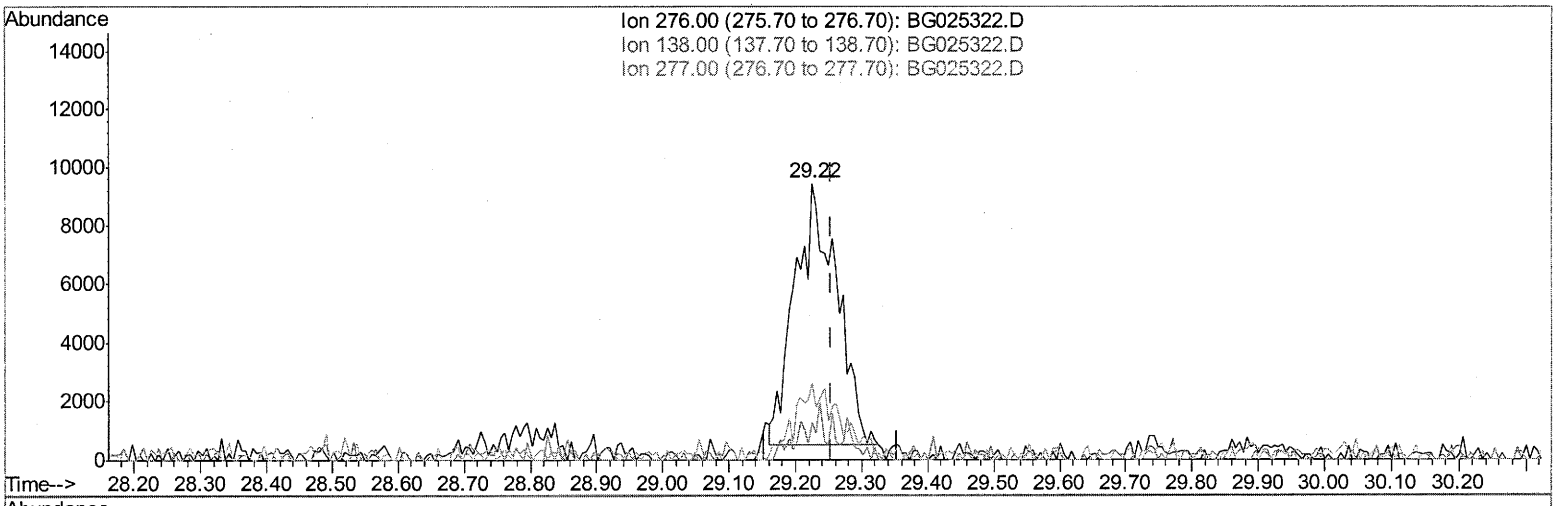

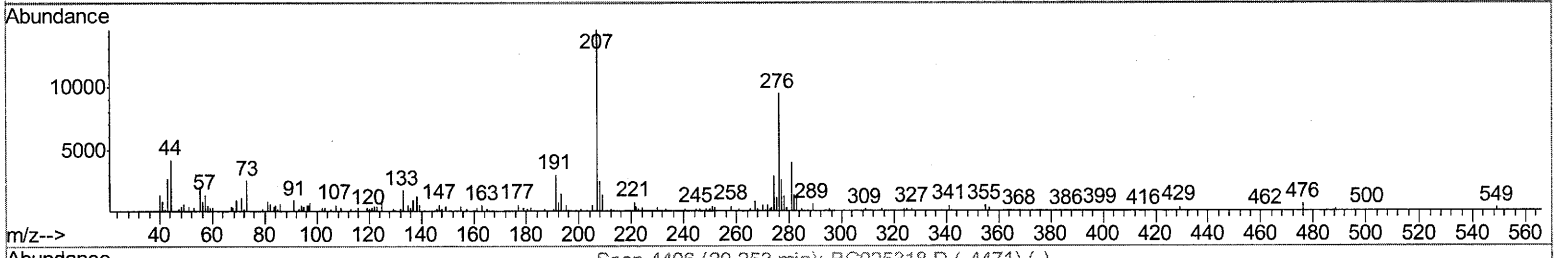

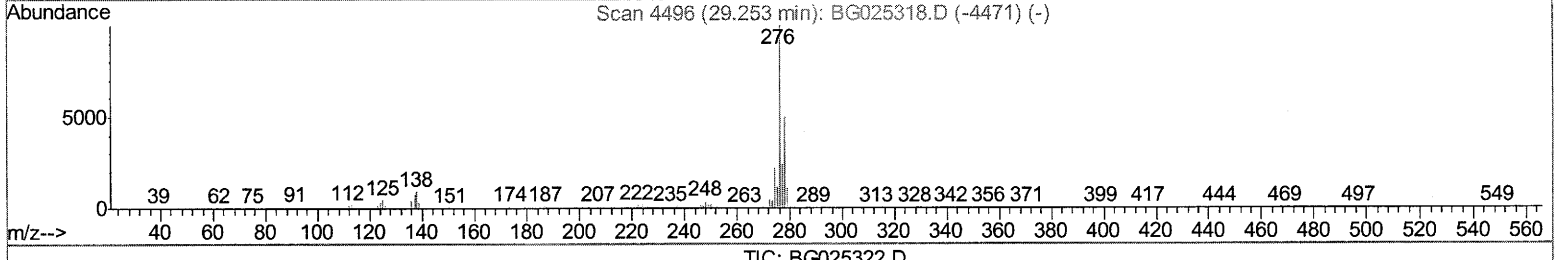

TIC: BG025322.D

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

29.225min (-0.028) 1.09ng/ul

response 38977

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	13.73#
277.00	23.30	27.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG025322.D
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Operator : UM/SJ
Sample : H6069-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 20 02:26:05 2016
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA7H7

Manual Integrations APPROVED
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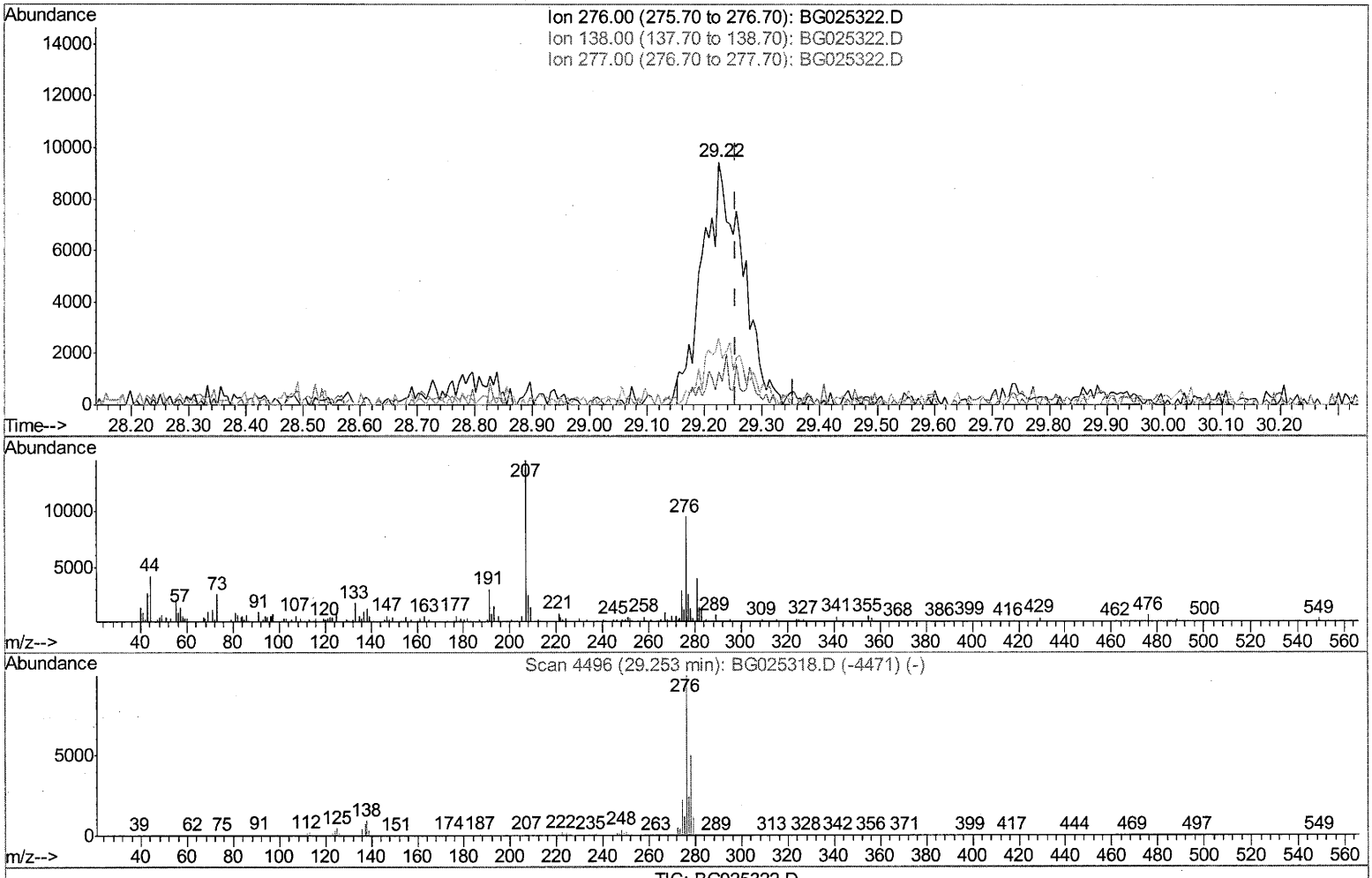

TIC: BG025322.D

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

29.225min (-0.028) 1.26ng/ul m

response 45251

um
12/20/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	13.73#
277.00	23.30	27.96
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG025322.D
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Operator : UM/SJ
Sample : H6069-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
DA7H7

Manual Integrations APPROVED
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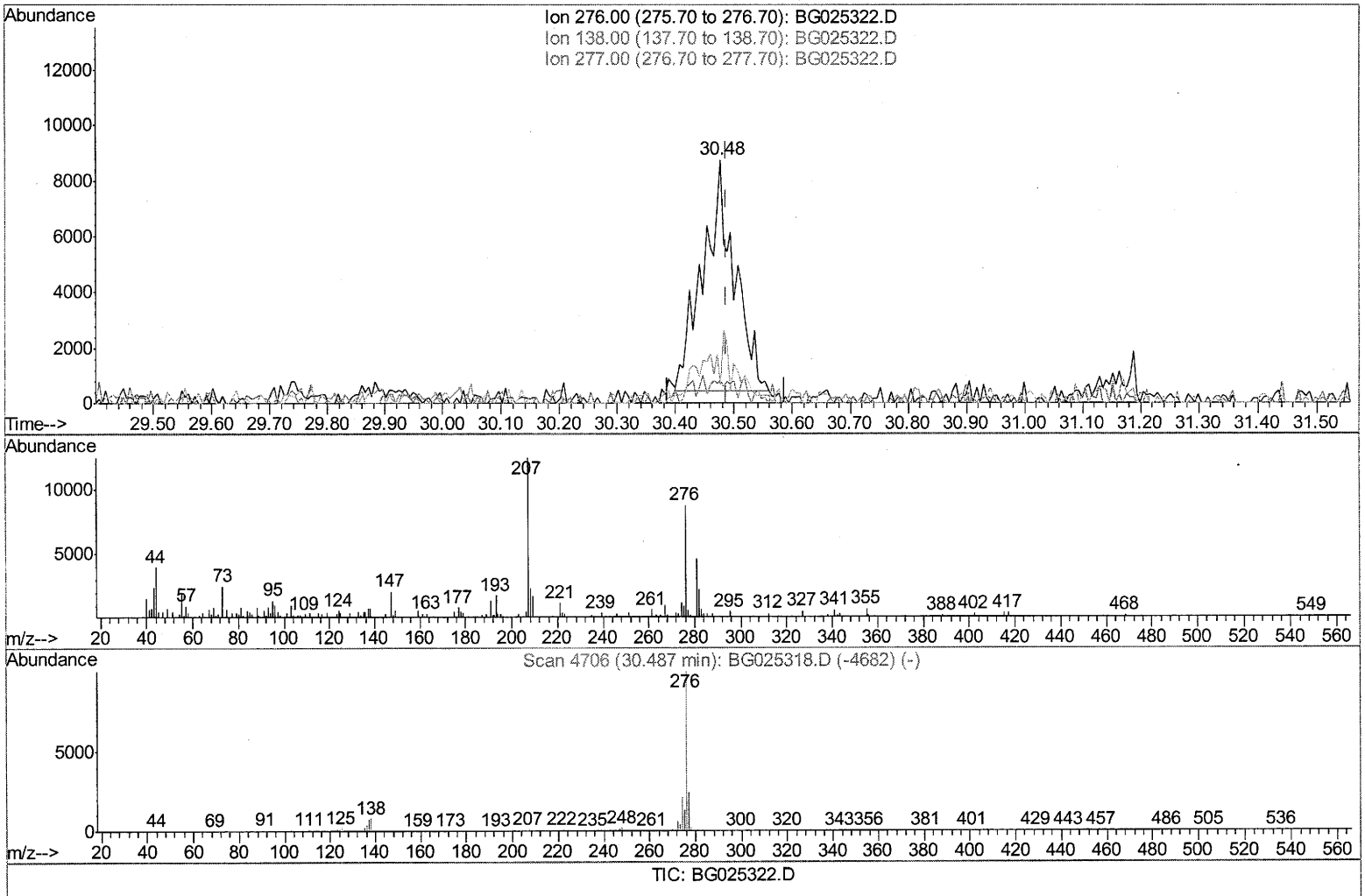

TIC: BG025322.D

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

30.476min (-0.011) 1.04ng/ul

response 31161

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	11.76
277.00	22.00	7.54#
0.00	0.00	0.00

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Operator : UM/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_G
ClientSampleId :
DA7H7

Manual Integrations APPROVED
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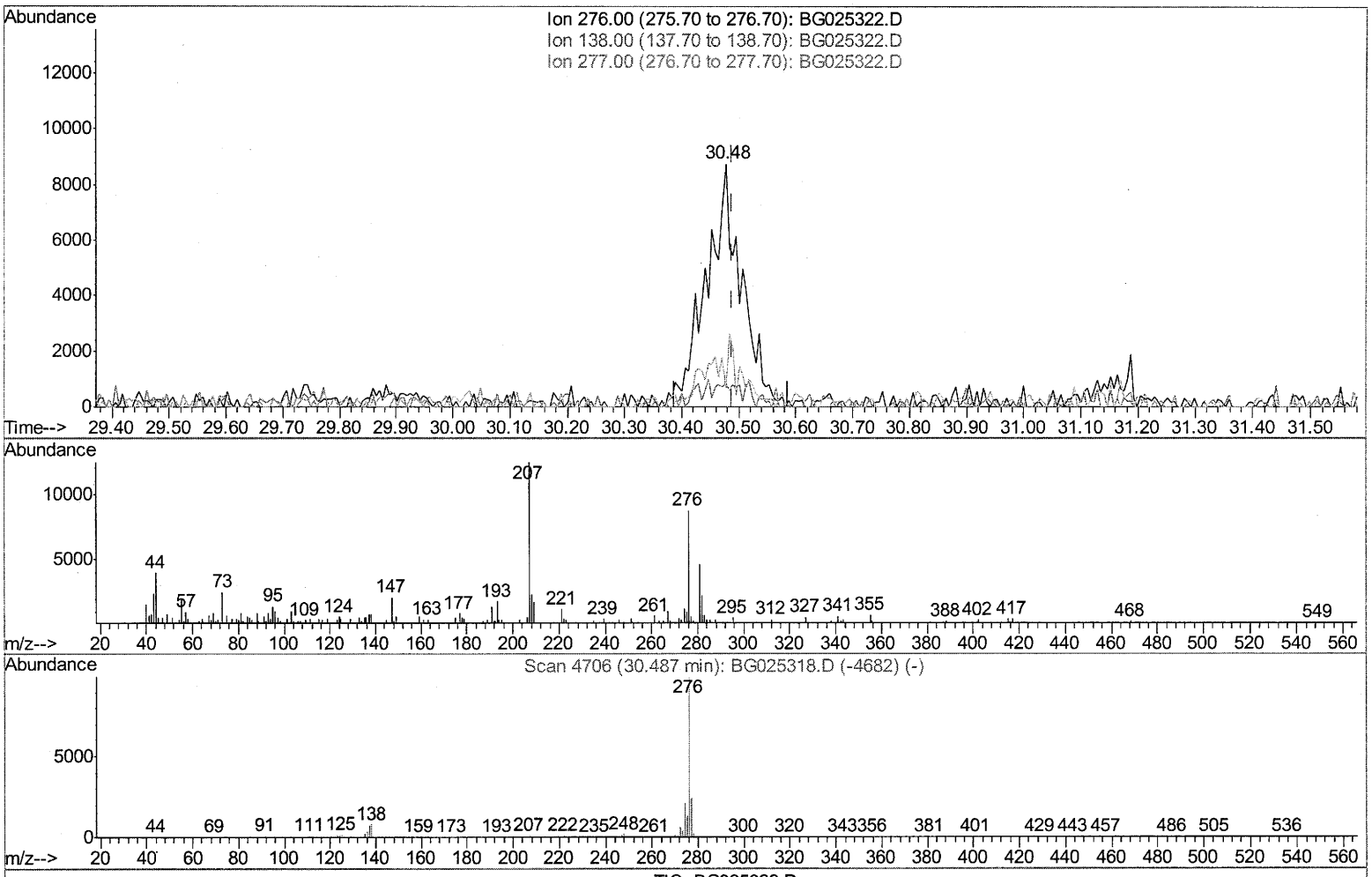

TIC: BG025322.D

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

30.476min (-0.011) 1.22ng/ul m

response 36544

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	9.36
277.00	22.00	7.54#
0.00	0.00	0.00

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12/20/16

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Instrument : BNA_G
ClientSampleId : DA7H7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	56798	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	249043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	201726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.59	188	447132	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	584843	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	605056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	5877	5.34	ng/uL	0.00
5) Phenol-d5	7.39	99	124231	25.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	90381	29.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	95297	27.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	96664	23.61	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	50369	28.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	64221	29.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	118014	27.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	125283	30.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.24	166	429233	30.93	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	477803	31.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	36141	15.16	ng/ul	0.01
57) Fluorene-d10	15.83	176	387596	29.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	35518	12.85	ng/ul	0.00
70) Anthracene-d10	17.69	188	576760	30.56	ng/ul	0.00
76) Pyrene-d10	19.97	212	749441	31.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	769125	31.37	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	23293	4.63	ng/ul#	88
44) Dimethylphthalate	14.29	163	107527	7.89	ng/ul#	94
74) Fluoranthene	19.63	202	41653	1.64	ng/ul	99
77) Pyrene	19.99	202	49010	1.74	ng/ul#	91
80) Benzo(a)anthracene	21.86	228	41247	1.36	ng/ul	96
82) Chrysene	21.93	228	43784	1.54	ng/ul	98
85) Benzo(b)fluoranthene	24.21	252	76866	2.56	ng/ul	97
86) Benzo(k)fluoranthene	24.26	252	36432m	1.28	ng/ul	
88) Benzo(a)pyrene	25.14	252	50553	1.75	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.22	276	45251m	1.26	ng/ul	
91) Benzo(g,h,i)perylene	30.48	276	36544m	1.22	ng/ul	

UM 12/20/16

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