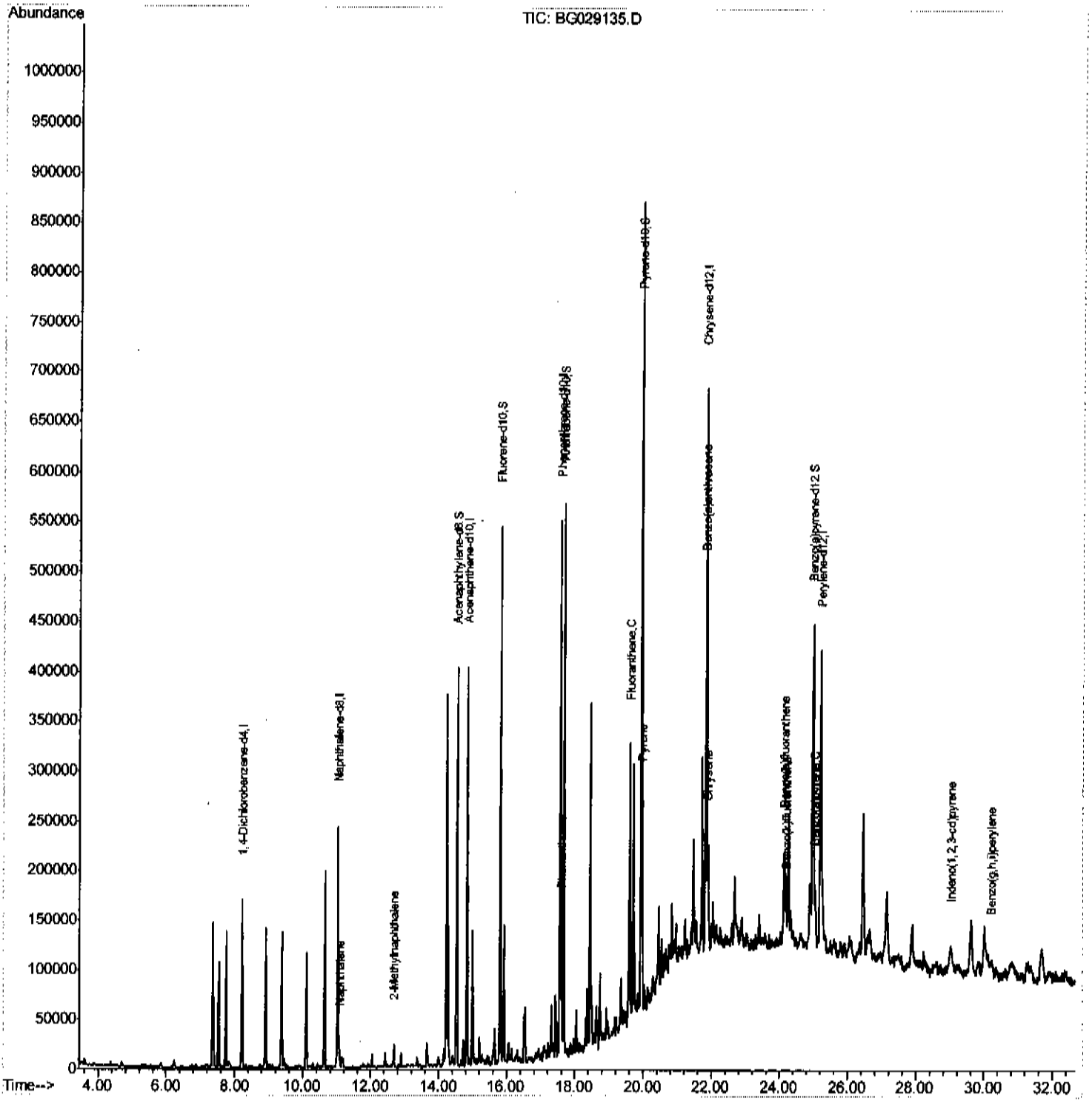
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
Operator : SJ/JU
Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 04:31:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DAH76

Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM



Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
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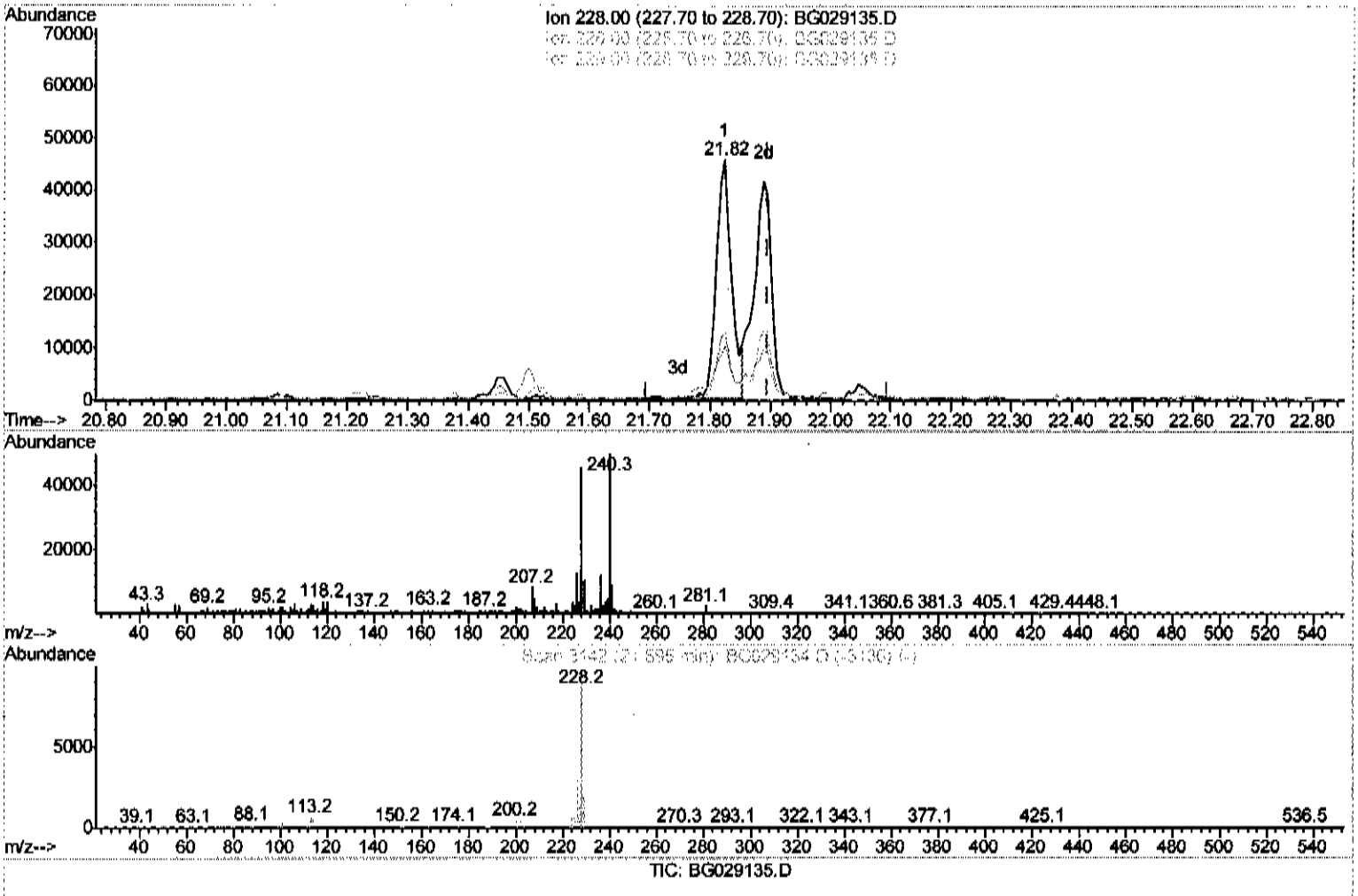

TIC: BG029135.D

(21) Chrysene

21.824min (-0.071) 4.41ng/ul

response 80252

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	28.19
229.00	19.80	22.52
0.00	0.00	0.00

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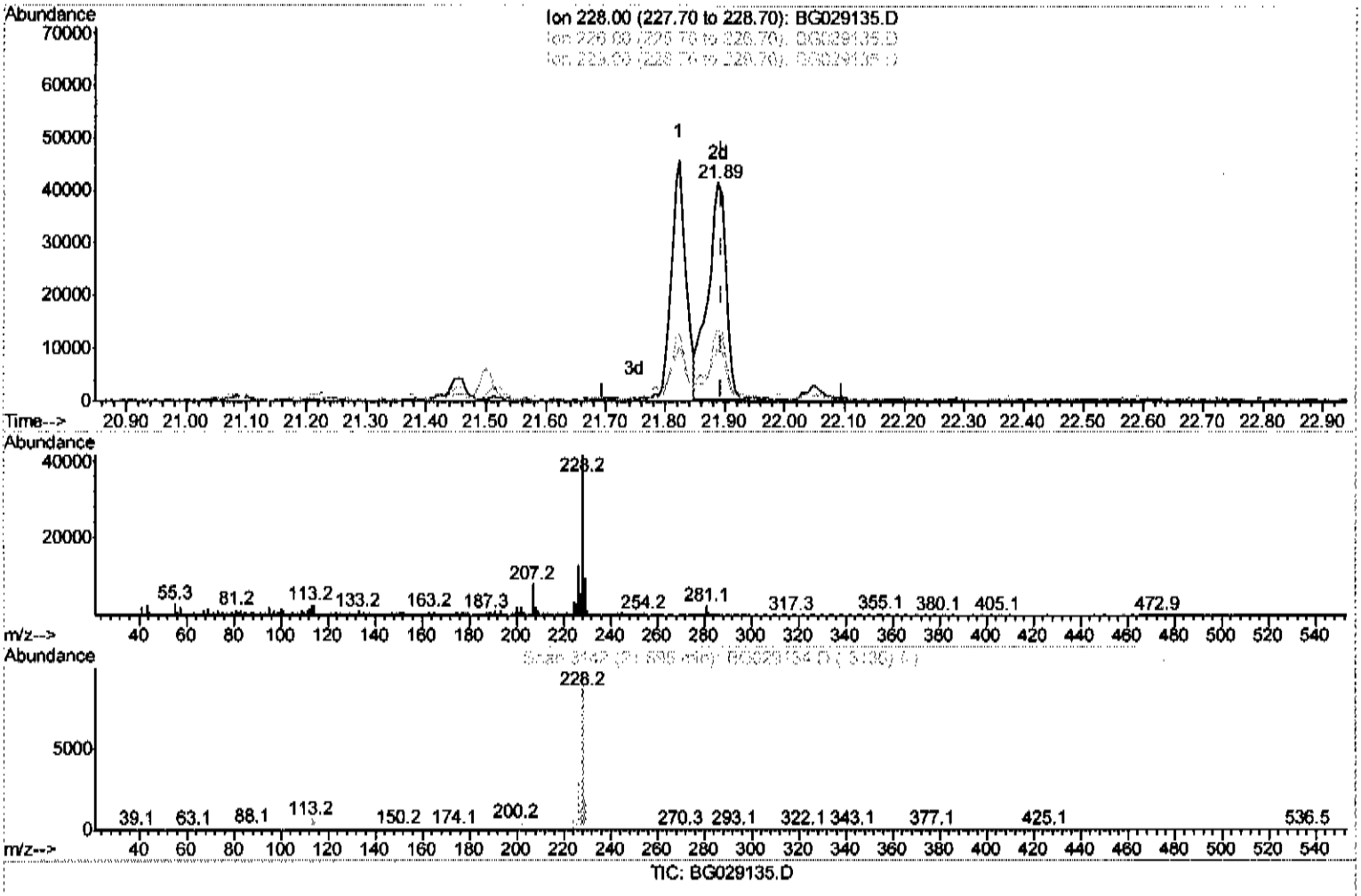
Sohil
10/11/2017 3:34:12 PM



(21) Chrysene

21.888min (-0.006) 4.75ng/ul m

response 86486

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.87
229.00	19.80	24.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
Operator : SJ/JU
Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 04:15:53 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
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Instrument :
BNA_G
ClientSampleId :
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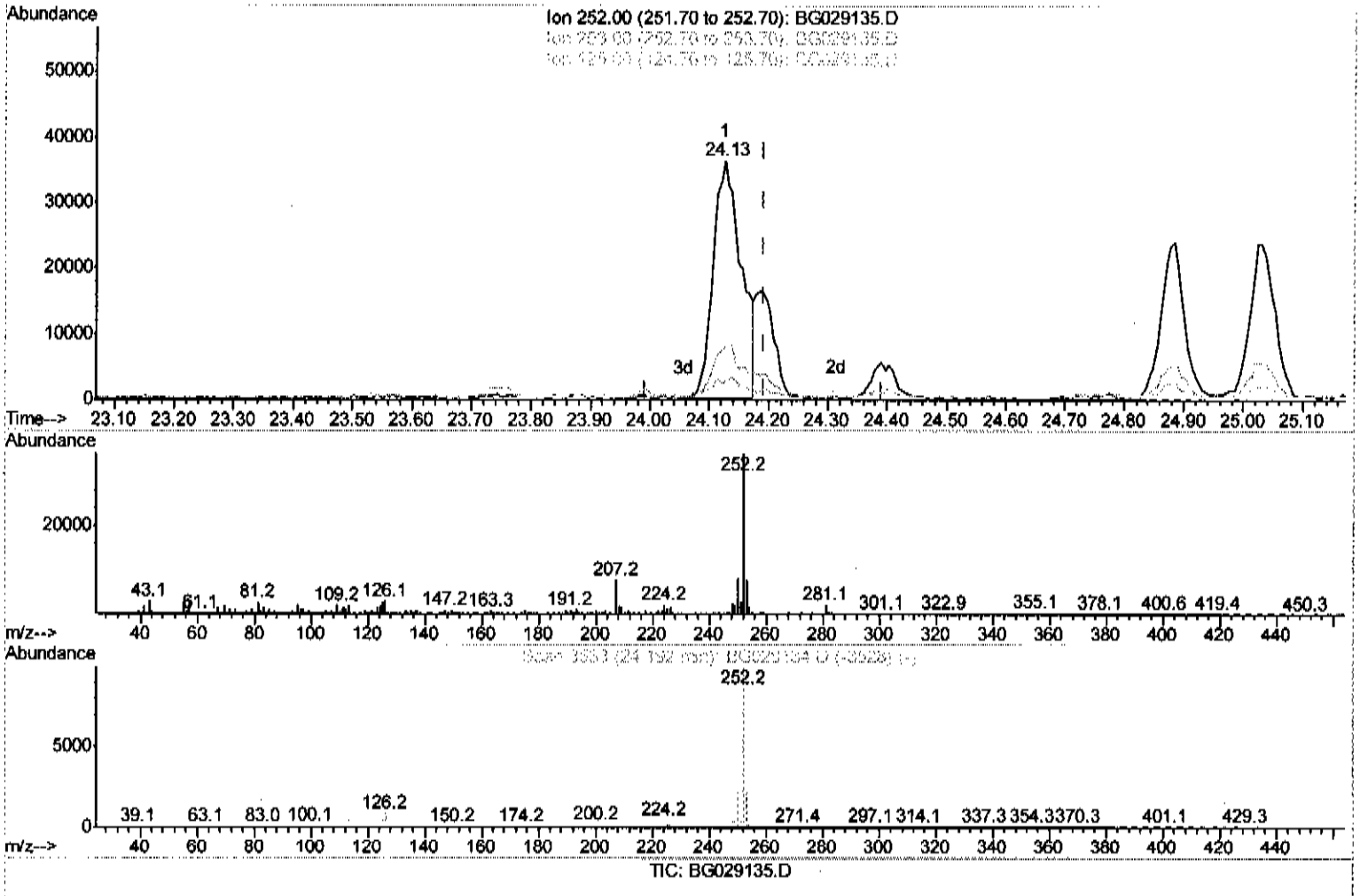
Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM



(24) Benzo(k)fluoranthene

24.127min (-0.065) 5.90ng/ul

response 118798

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.88
125.00	10.10	7.85#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
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Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 04:15:53 2017
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BNA_G
ClientSampleId :
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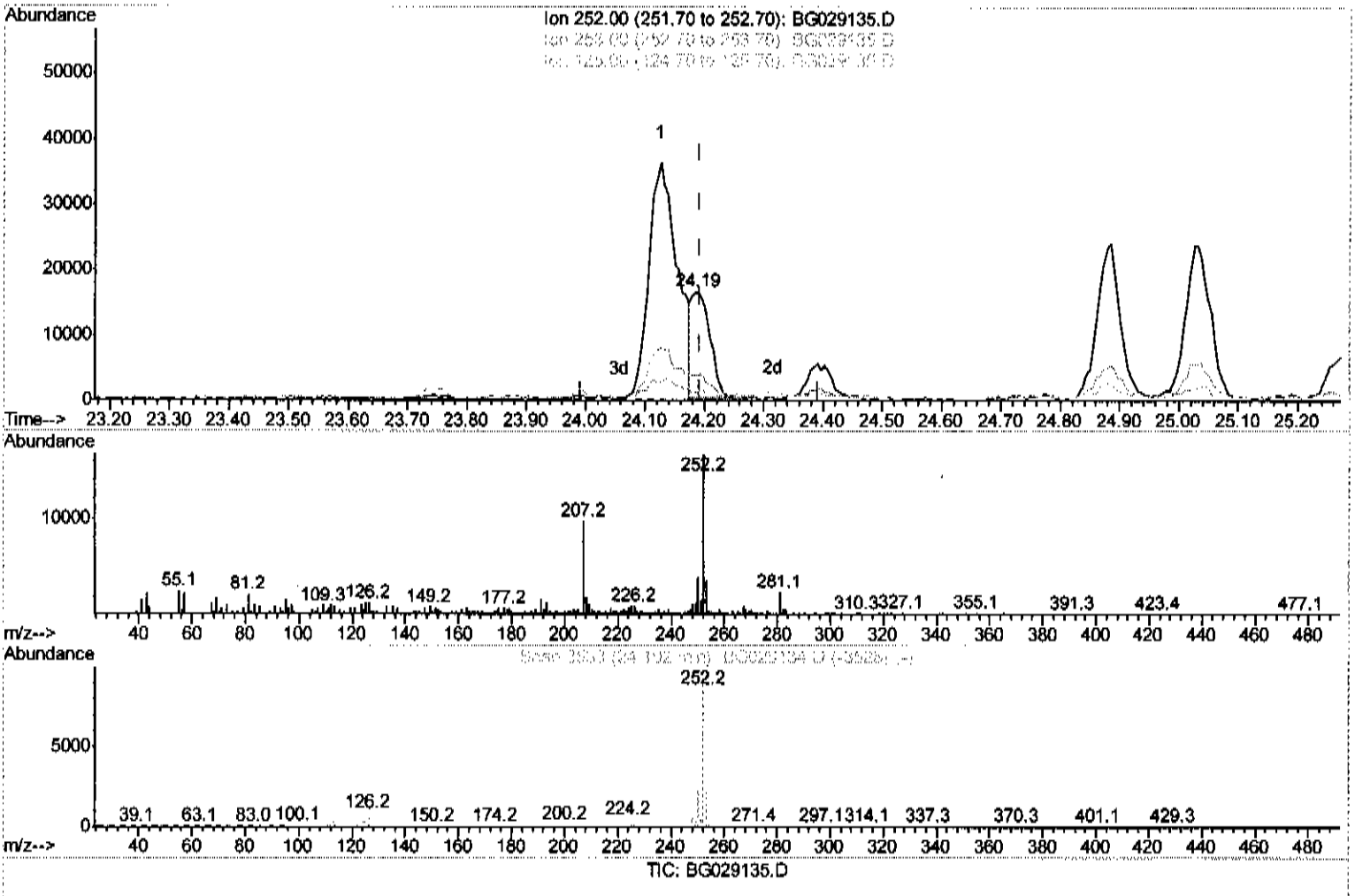
Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM



TIC: BG029135.D

(24) Benzo(k)fluoranthene

24.185min (-0.006) 1.74ng/ul m JU 10/11/17

response 35134

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.90
125.00	10.10	7.91#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
Operator : SJ/JU
Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 04:15:53 2017
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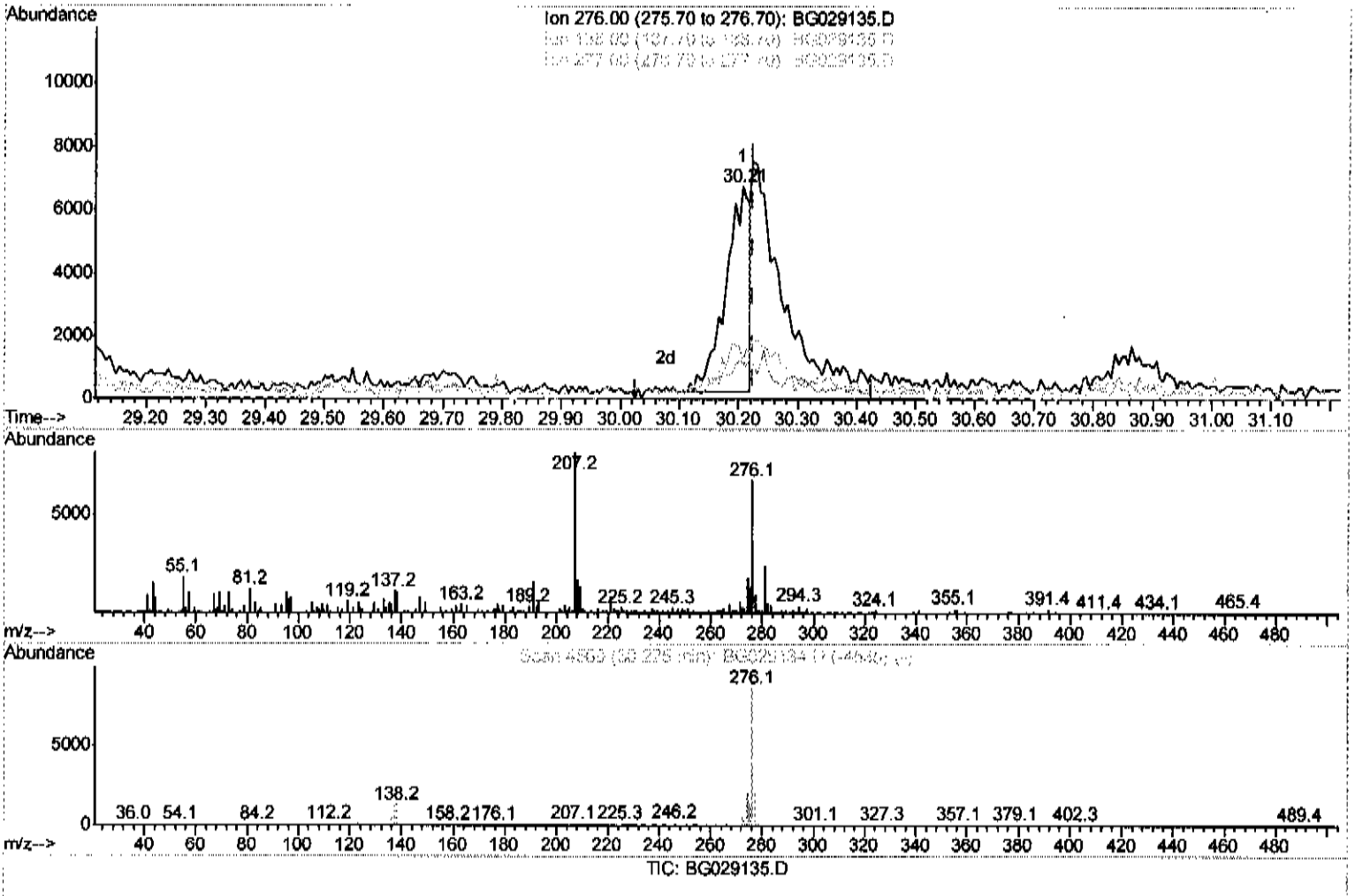
Instrument :
BNA_G
ClientSampleId :
DAH76

Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM



TIC: BG029135.D

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

30.207min (-0.018) 0.98ng/ul

response 18371

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	17.73
277.00	23.70	16.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
Operator : SJ/JU
Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 04:15:53 2017
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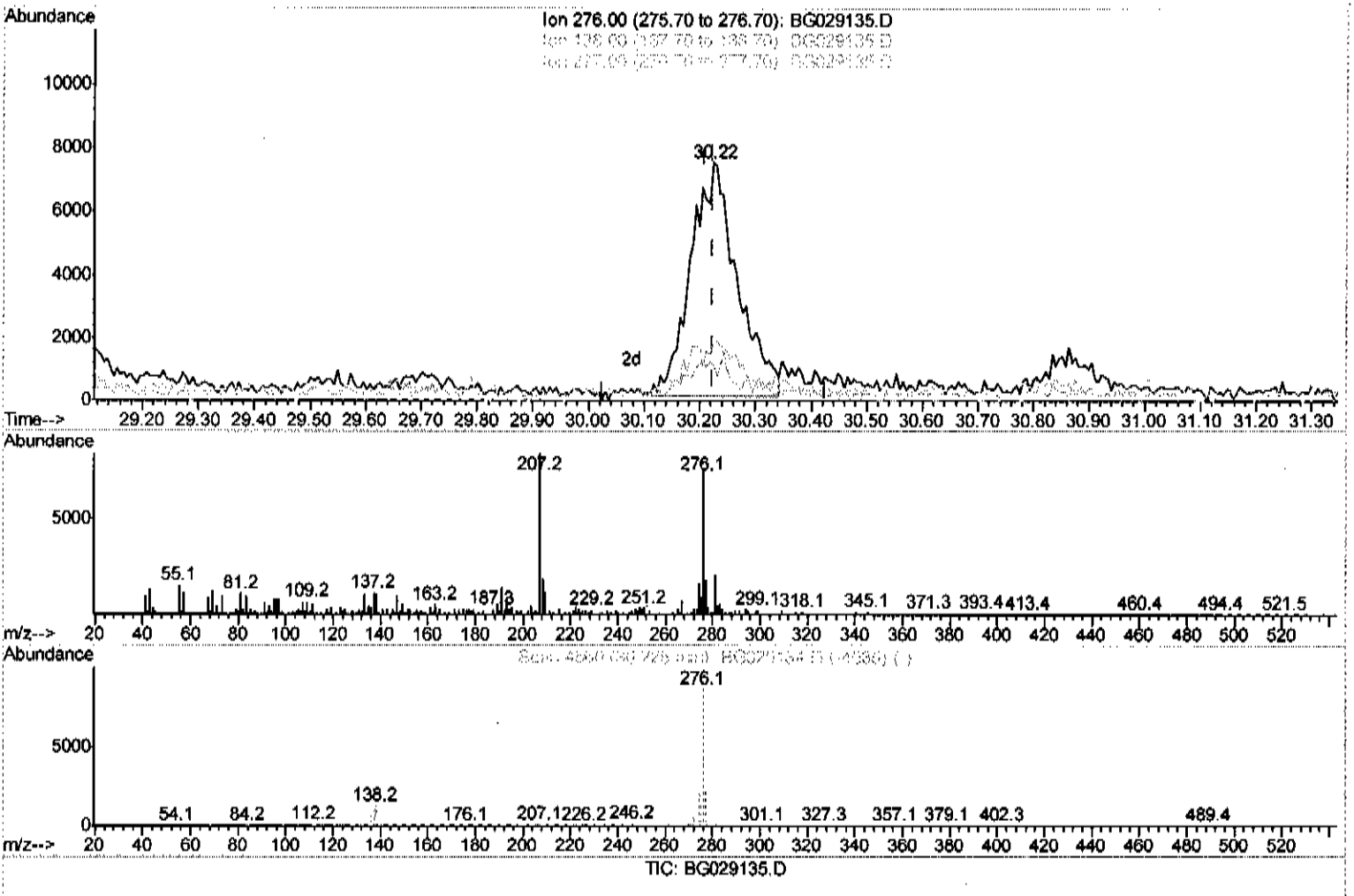
Instrument :
BNA_G
ClientSampleId :
DAH76

Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM



TIC: BG029135.D

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

30.224min (-0.001) 2.29ng/ul m

response 42984

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	15.08#
277.00	23.70	24.79
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029135.D
Acq On : 10 Oct 2017 11:07
Operator : SJ/JU
Sample : I5577-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAH76

Manual Integrations APPROVED
Sohil
10/11/2017 3:34:12 PM

Quant Time: Oct 11 04:31:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	47100	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	205067	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	136588	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	321996	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	337336	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	344852	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	292212	20.57	ng/ul	0.00
10) Fluorene-d10	15.81	176	228574	22.19	ng/ul	0.00
14) Anthracene-d10	17.66	188	339701	21.78	ng/ul	0.00
18) Pyrene-d10	19.93	212	387819	22.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	350220	21.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.08	128	12794	1.198	ng/ul	96
4) 2-Methylnaphthalene	12.67	142	11281	1.392	ng/ul	99
13) Phenanthrene	17.61	178	80858	4.708	ng/ul	97
16) Fluoranthene	19.60	202	150685	7.484	ng/ul#	91
19) Pyrene	19.96	202	122295	5.816	ng/ul#	89
20) Benzo(a)anthracene	21.82	228	80476	4.051	ng/ul	95
21) Chrysene	21.89	228	86486m	4.754	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	125610	6.089	ng/ul#	97
24) Benzo(k)fluoranthene	24.19	252	35134m	1.745	ng/ul	94
26) Benzo(a)pyrene	25.03	252	67415	3.364	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	29.03	276	47884	2.106	ng/ul#	93
29) Benzo(g,h,i)perylene	30.22	276	42984m	2.292	ng/ul	

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