

Quantitation Report (QT Reviewed)

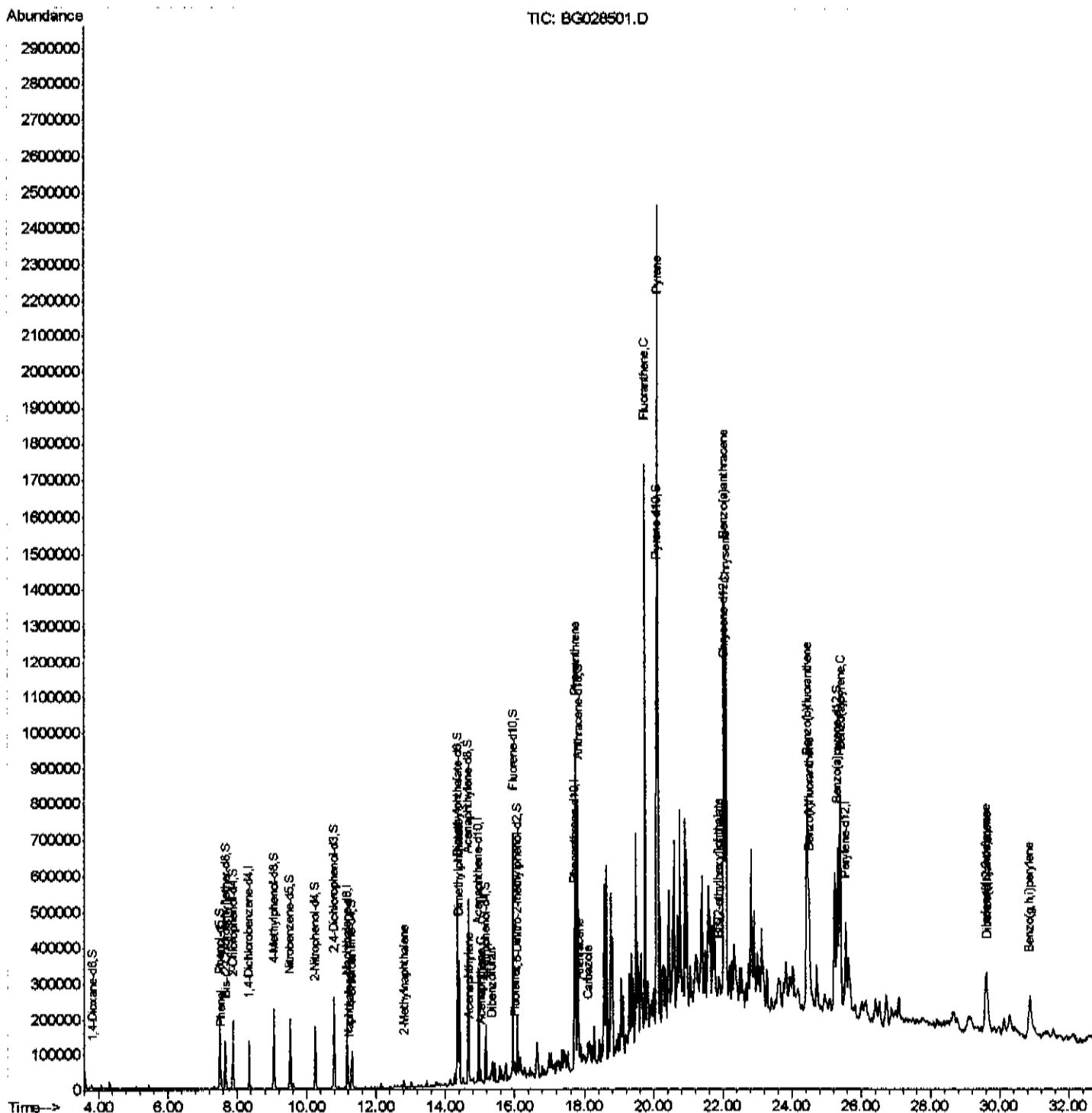
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028501.D
 Acq On : 25 Aug 2017 21:41
 Operator : SJ/JU
 Sample : I4885-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 B0AT6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:52 PM

Quant Time: Aug 26 02:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 26 01:54:26 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

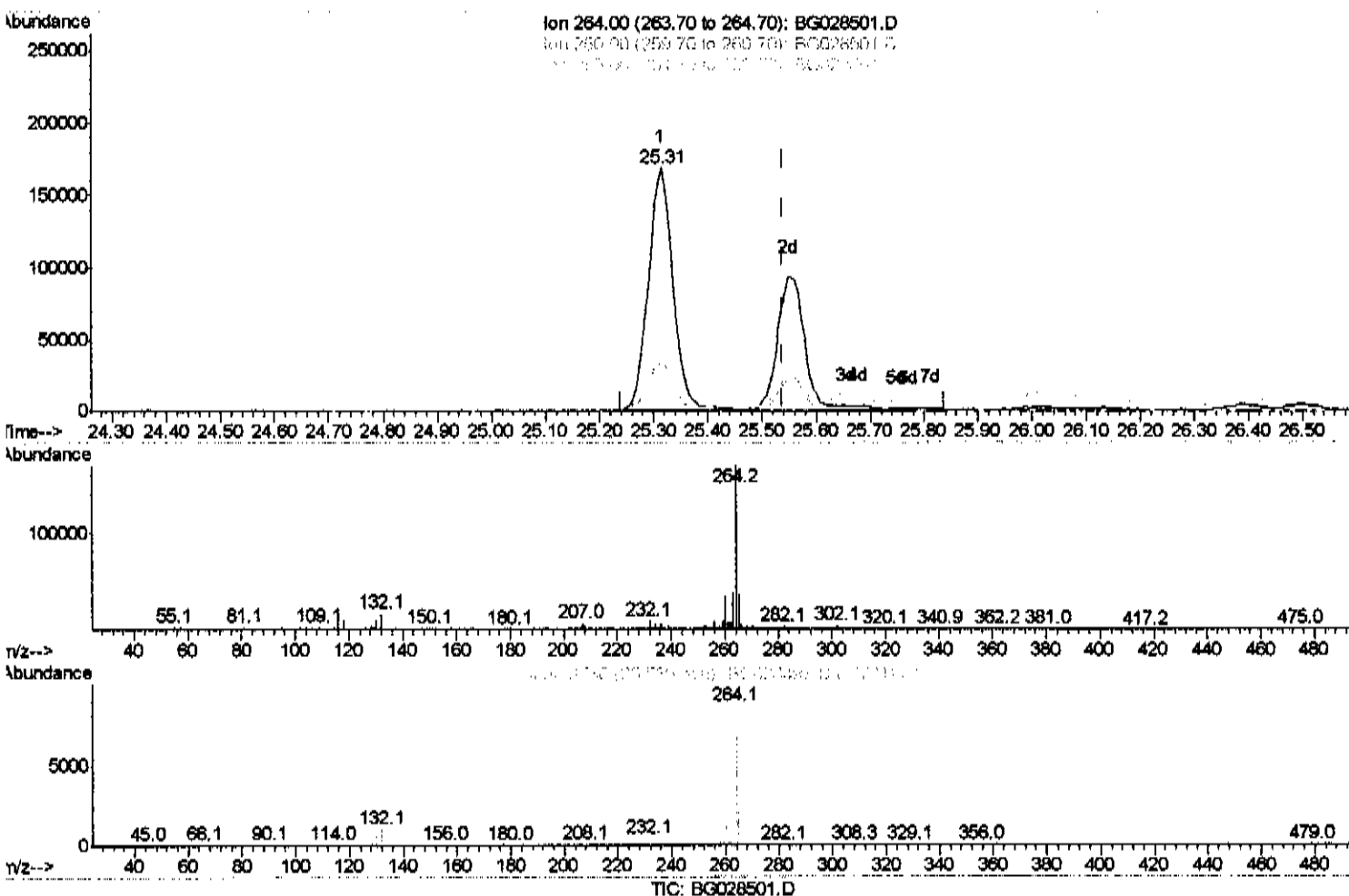
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
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Quant Time: Aug 26 01:56:40 2017
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(83) Perylene-d12 (I)

25.313min (-0.226) 20.00ng/ul

response 524849

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	20.17
265.00	20.60	21.41
0.00	0.00	0.00

Quantitation Report (Qedit)

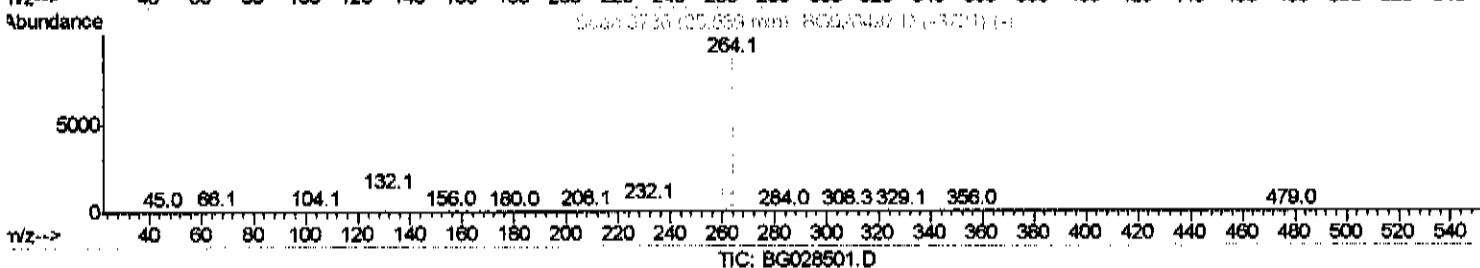
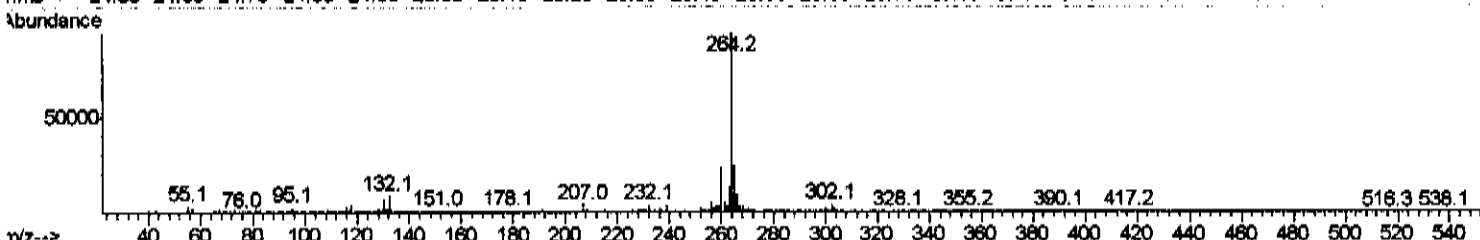
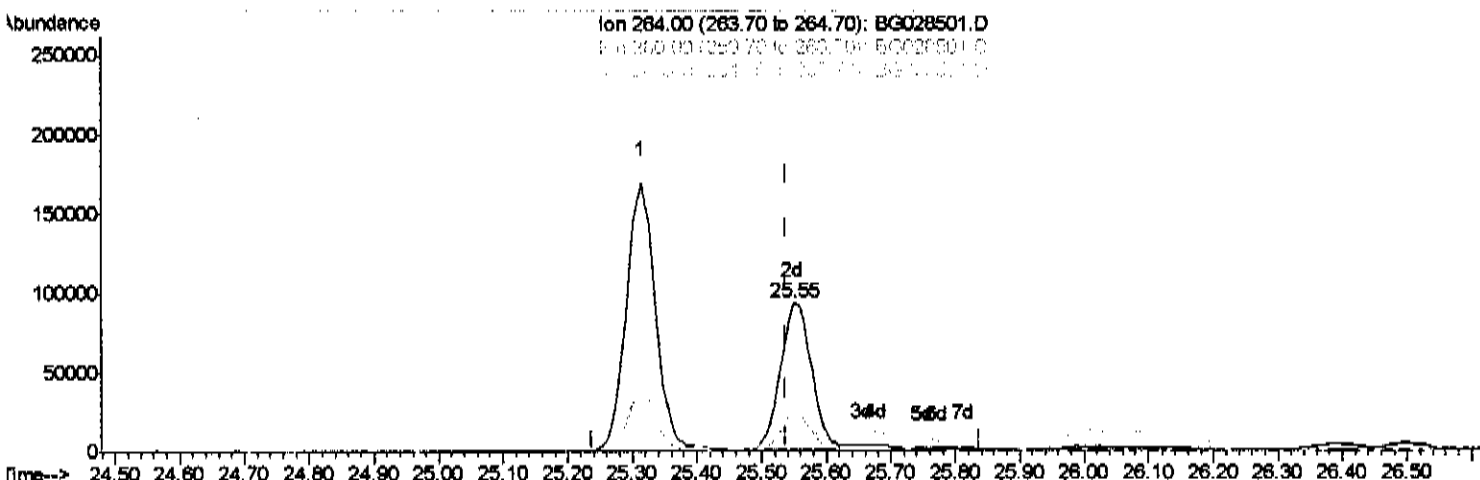
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(83) Perylene-d12 (I)

25.548min (+0.010) 20.00ng/ul

response 307881

Ion	Exp%	Act%
264.00	100	100
260.00	23.90	24.98
265.00	20.60	26.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

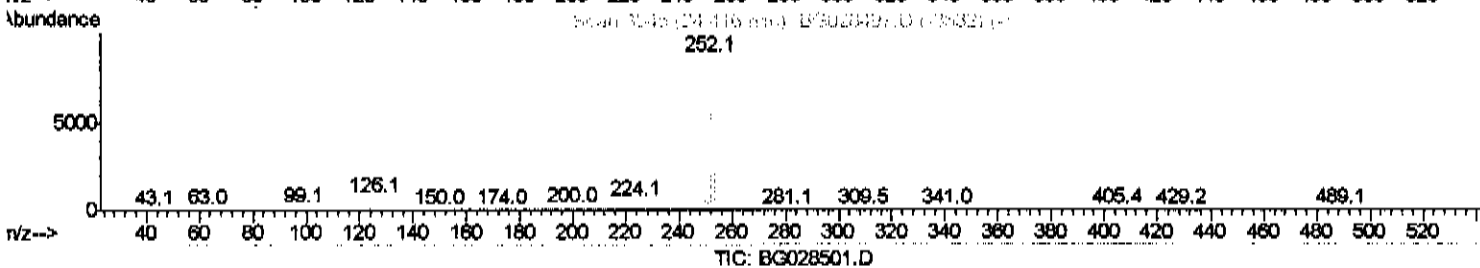
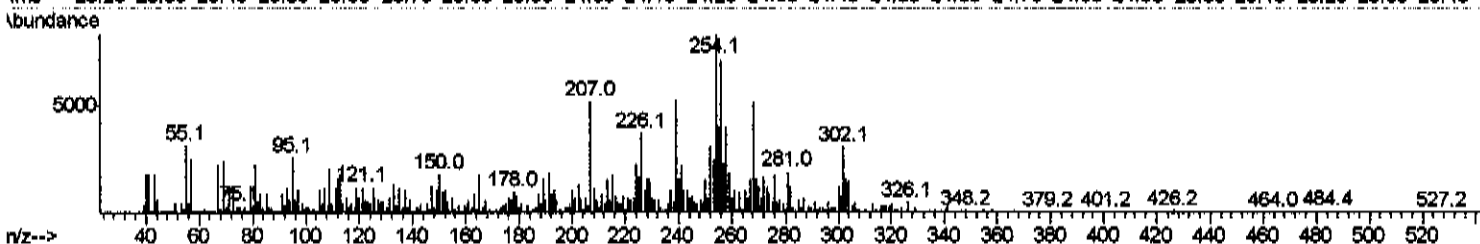
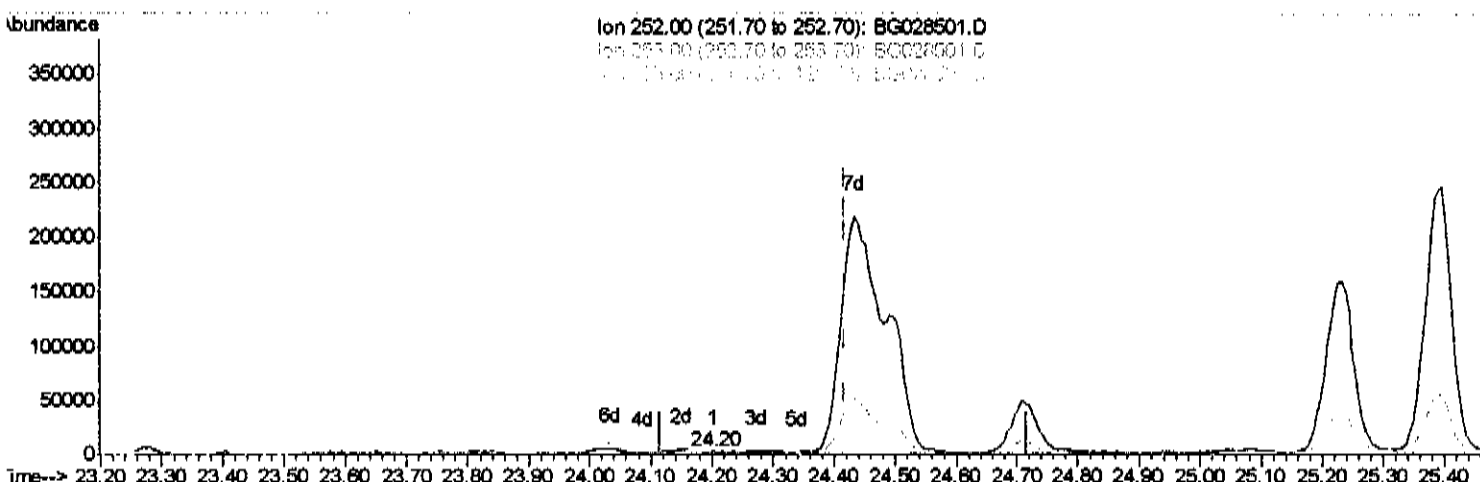
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(85) Benzo(b)fluoranthene

24.203min (-0.214) 0.06ng/ui

response 1073

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	81.85#
125.00	5.00	41.07#
0.00	0.00	0.00

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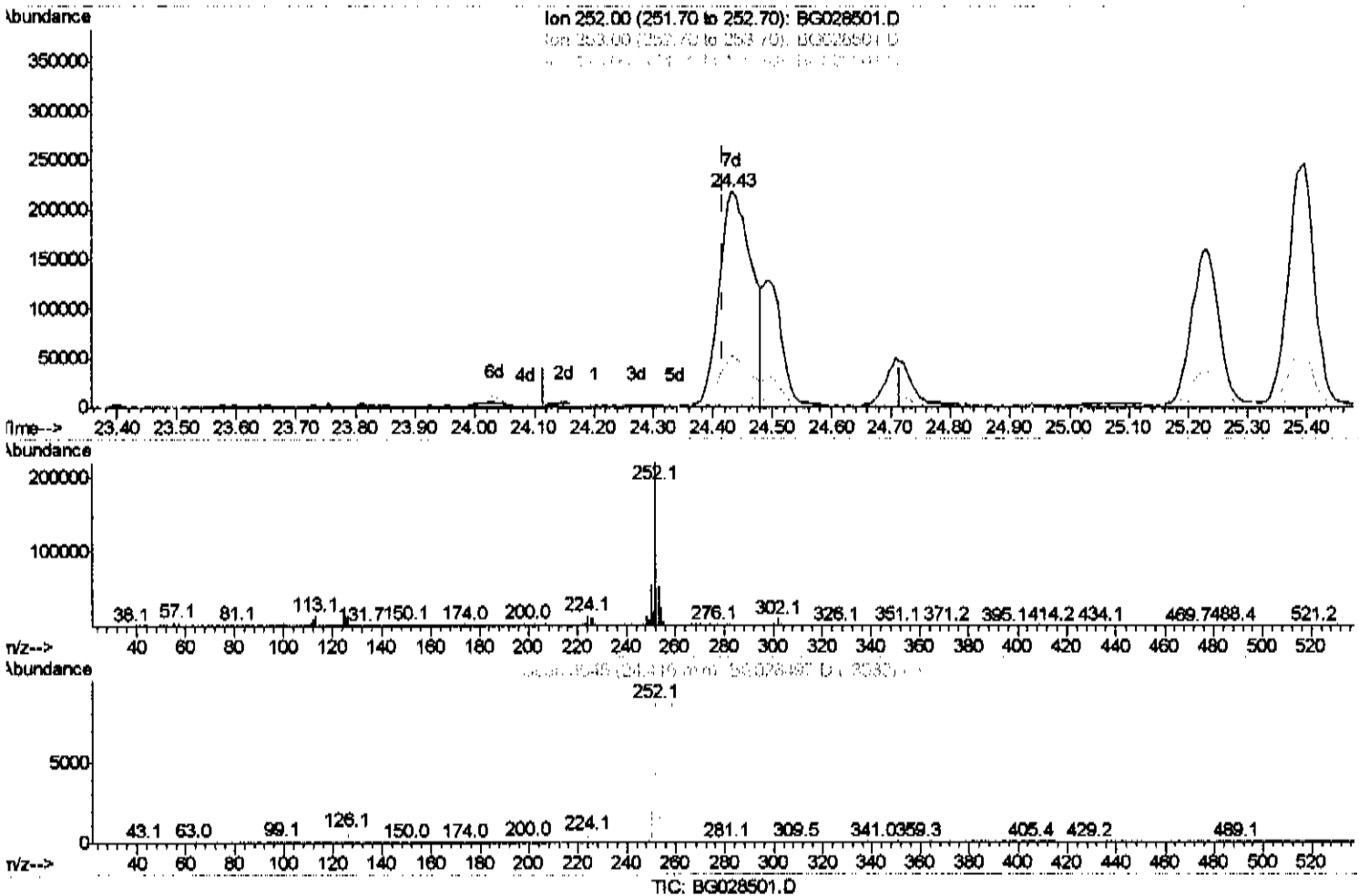
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(85) Benzo(b)fluoranthene

24.432min (+0.015) 45.02ng/ul m

response 829392

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	24.63
125.00	5.00	6.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

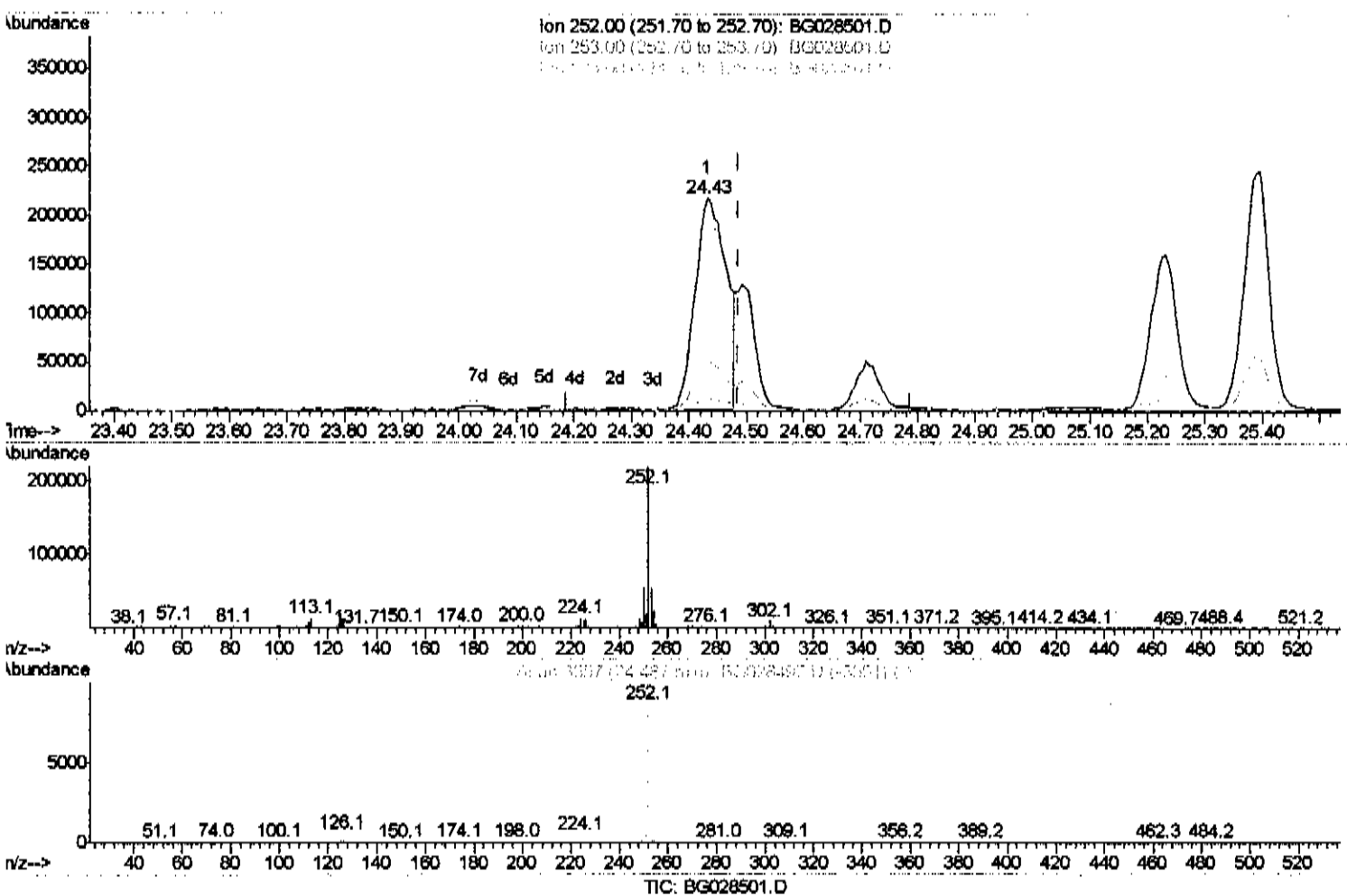
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(86) Benzo(k)fluoranthene

24.432min (-0.055) 45.72ng/ui

response 822762

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.63
125.00	5.10	6.04
0.00	0.00	0.00

Quantitation Report (Qedit)

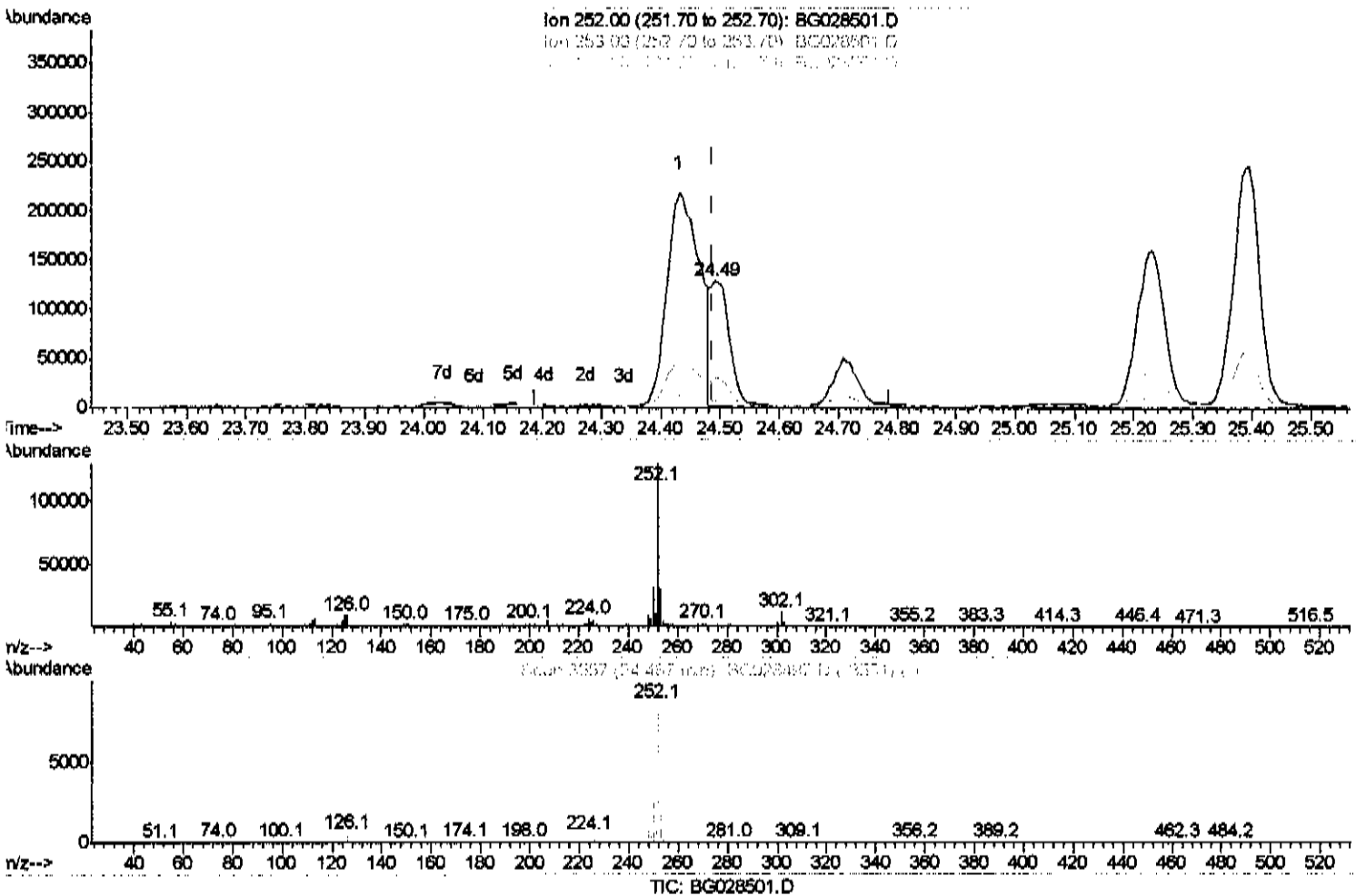
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(86) Benzo(k)fluoranthene

24.491min (+0.004) 15.51ng/ul m

response 279199

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.27
125.00	5.10	7.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

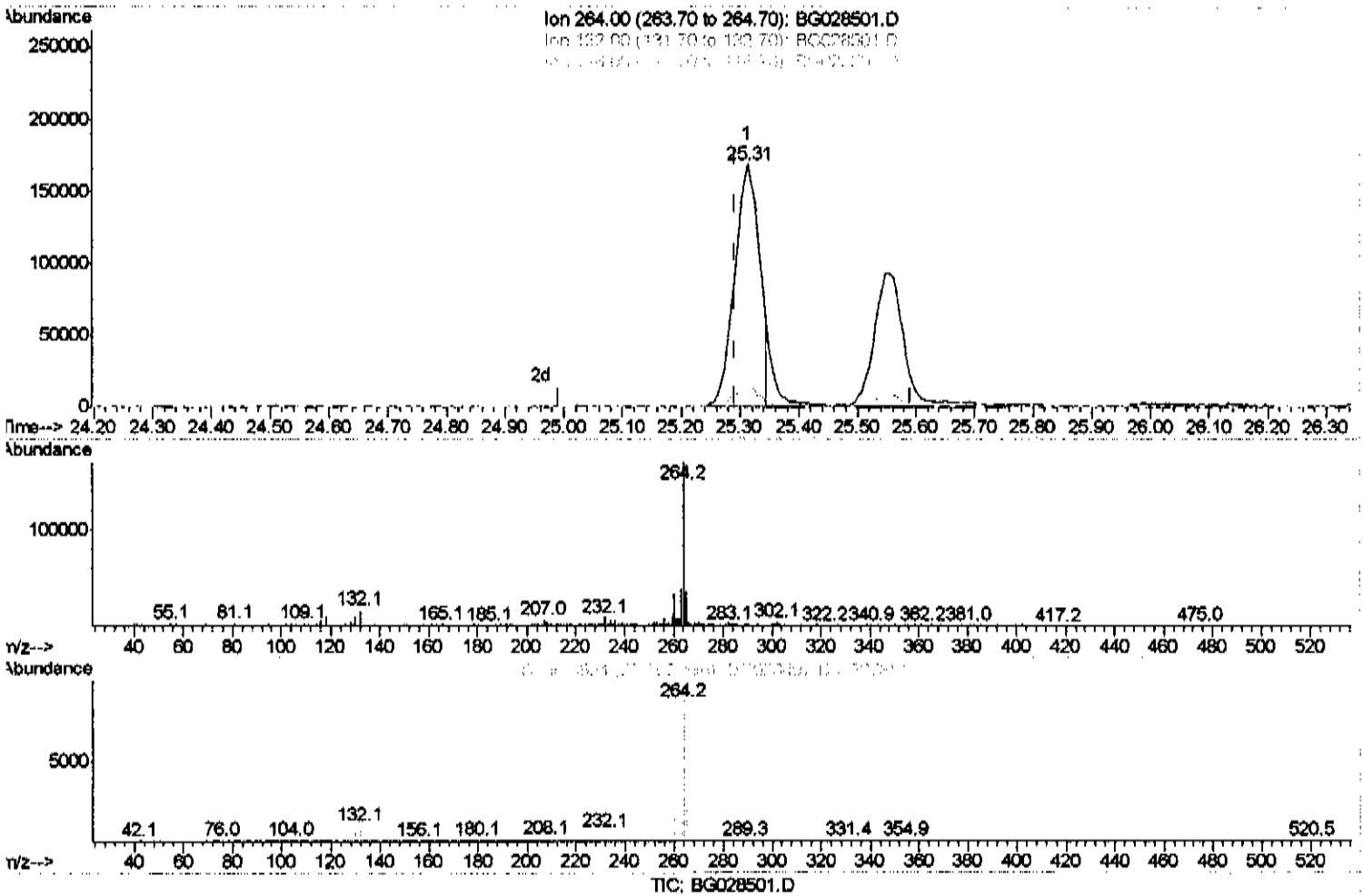
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
 Data File : BG028501.D
 Acq On : 25 Aug 2017 21:41
 Operator : SJ/JU
 Sample : I4885-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(87) Benzo(a)pyrene-d12 (S)

25.313min (+0.021) 34.18ng/ul

response 492611

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	9.97
118.00	6.00	6.02
0.00	0.00	0.00

Quantitation Report (Qedit)

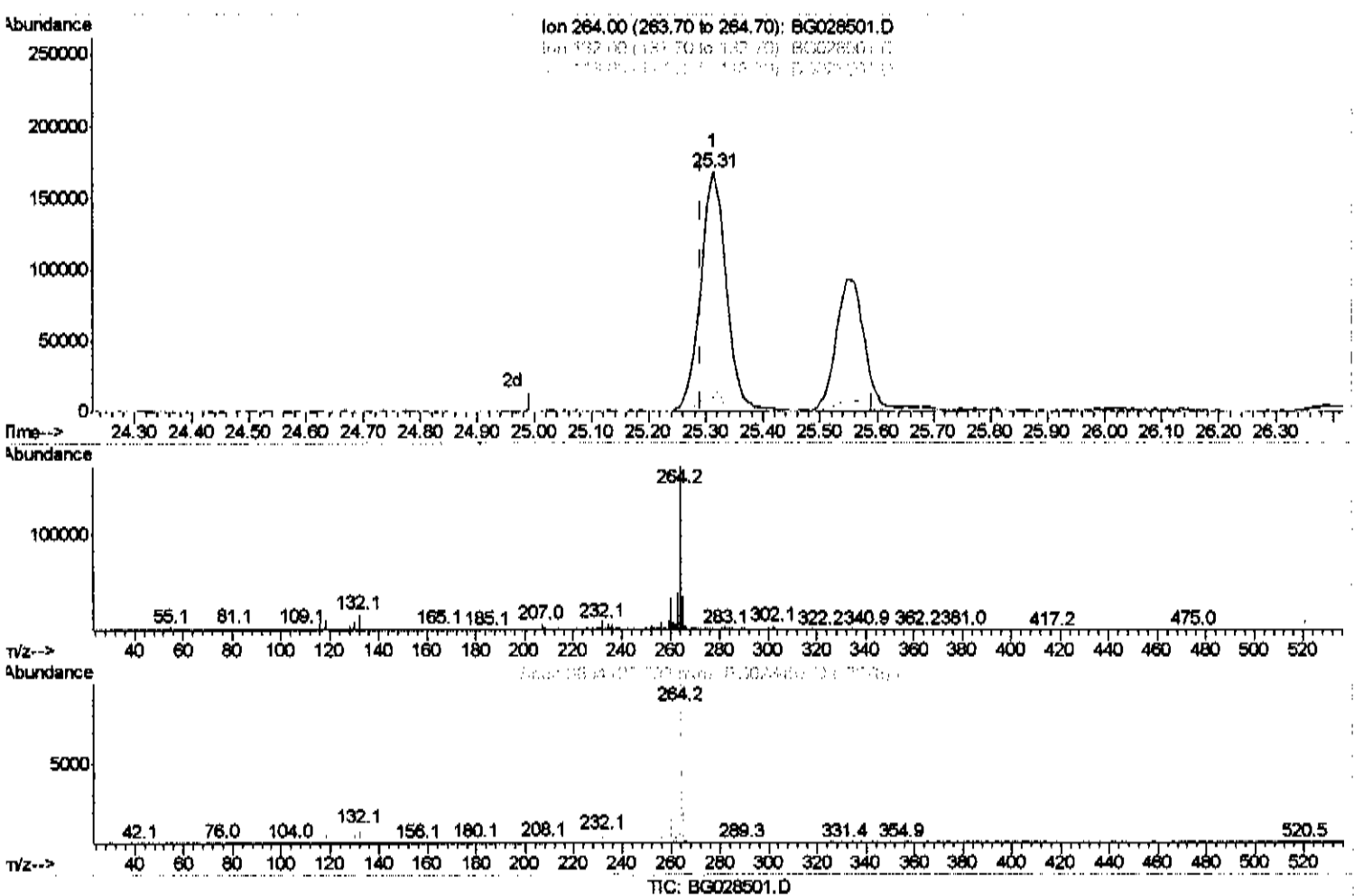
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 Data File : BG028501.D
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 Sample : I4885-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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(87) Benzo(a)pyrene-d12 (S)

25.313min (+0.021) 37.40ng/ul m

response 539105

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	9.97
118.00	6.00	6.02
0.00	0.00	0.00

Quantitation Report (Qedit)

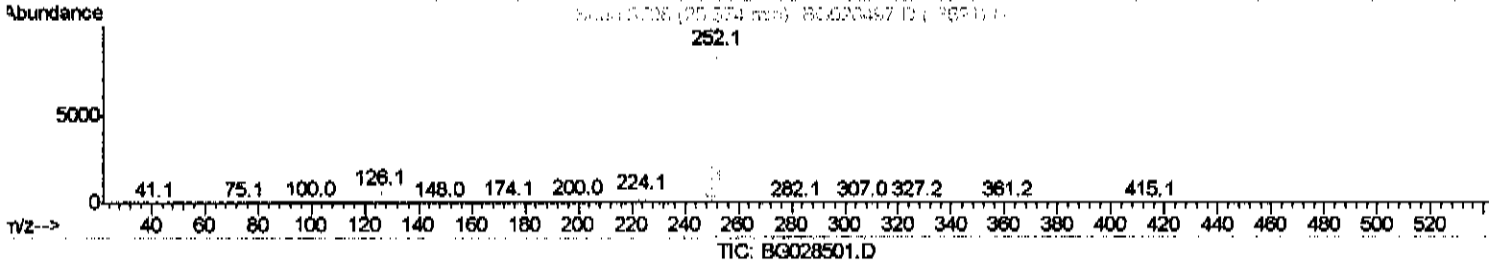
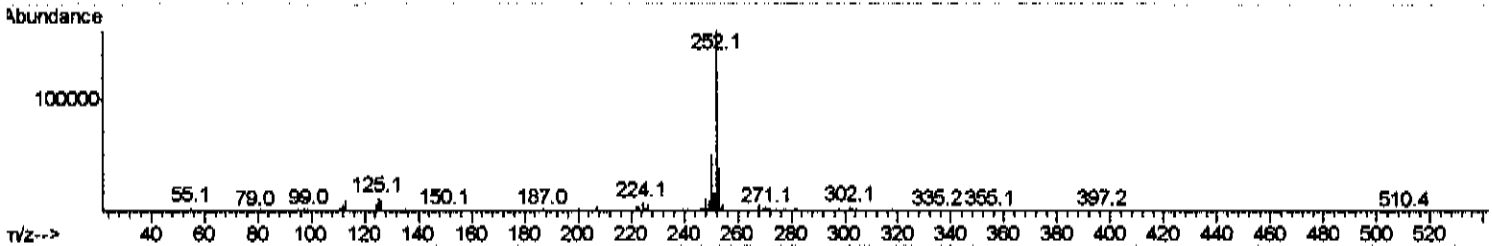
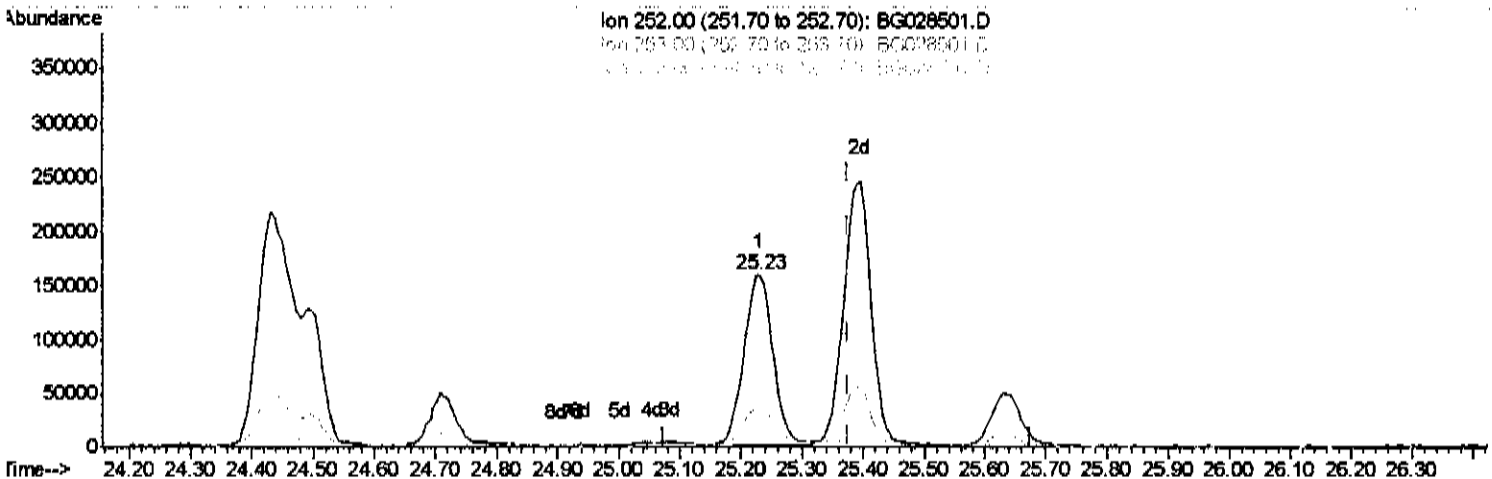
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(88) Benzo(a)pyrene (C)

25.231min (-0.143) 26.94ng/ul

response 516193

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.88
125.00	6.70	7.75
0.00	0.00	0.00

Quantitation Report (Qedit)

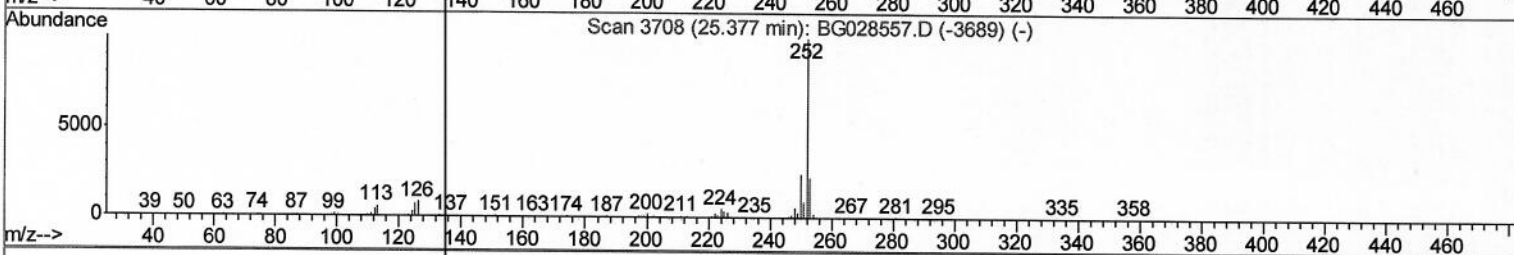
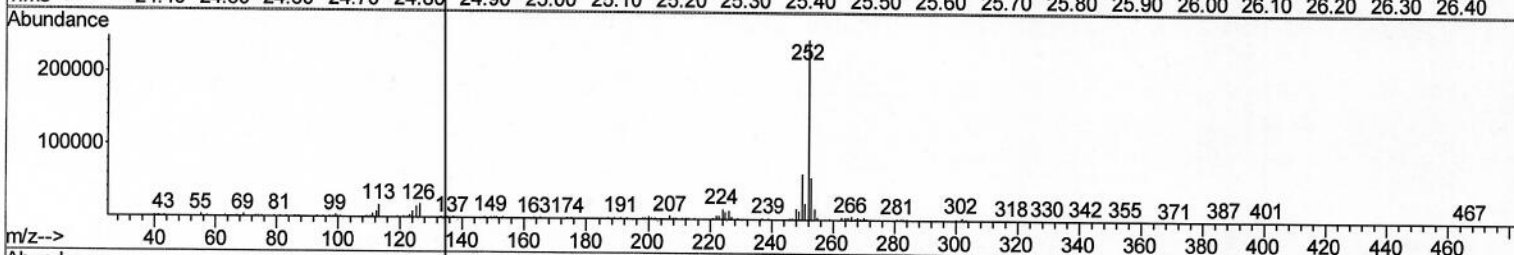
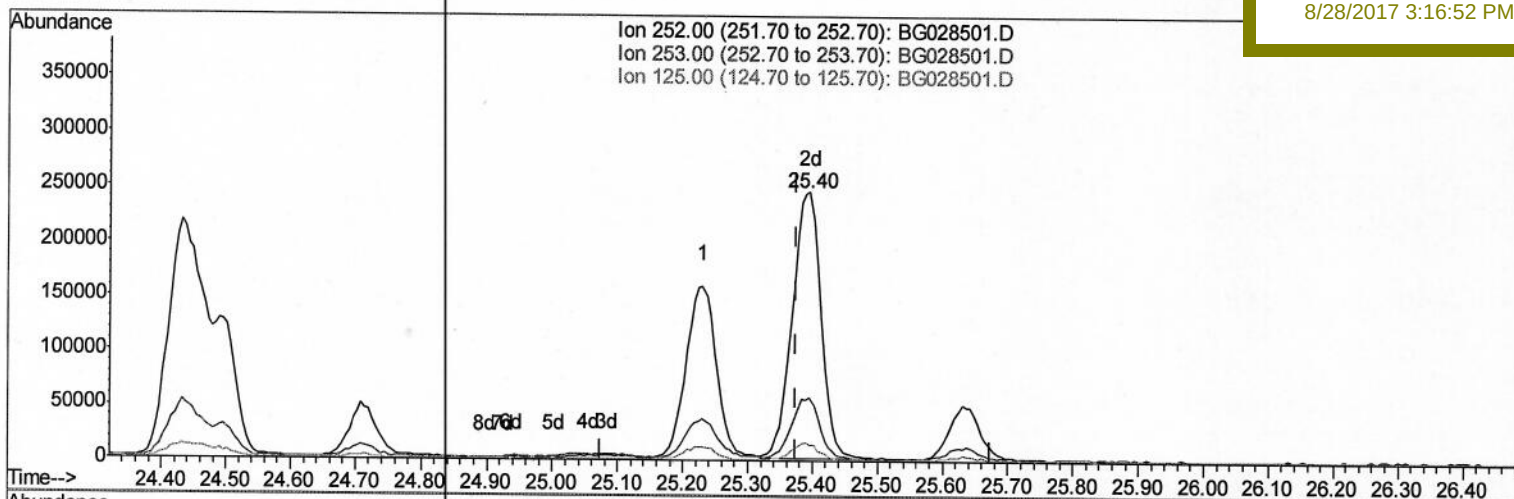
Data Path : Z:\HPCHEM1\BNA G\Data\BG082517\
 Data File : BG028501.D
 Acq On : 25 Aug 2017 21:41
 Operator : SJ/JU
 Sample : I4885-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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Instrument :
 BNA_G
 ClientSampleId :
 B0AT6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:16:52 PM



TIC: BG028501.D

(88) Benzo(a)pyrene (C)

25.395min (+0.021) 42.49ng/ul m

response 757977

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	23.64
125.00	6.70	5.93
0.00	0.00	0.00

S.J
 08/28/17

Quantitation Report (Qedit)

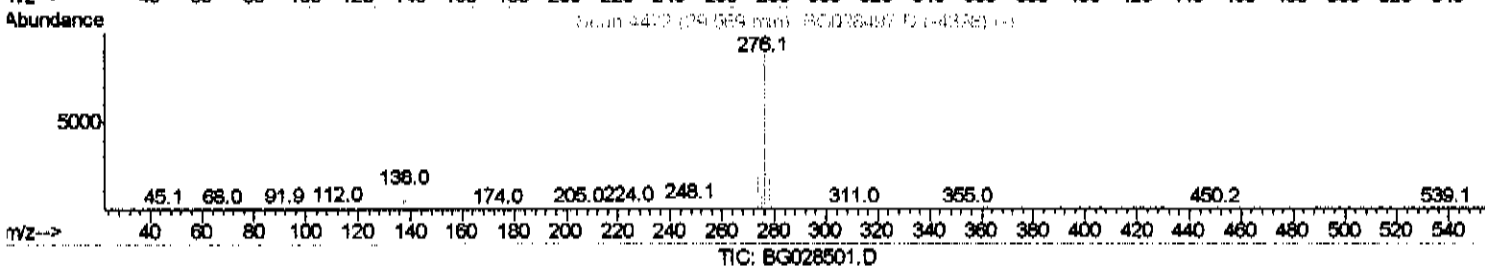
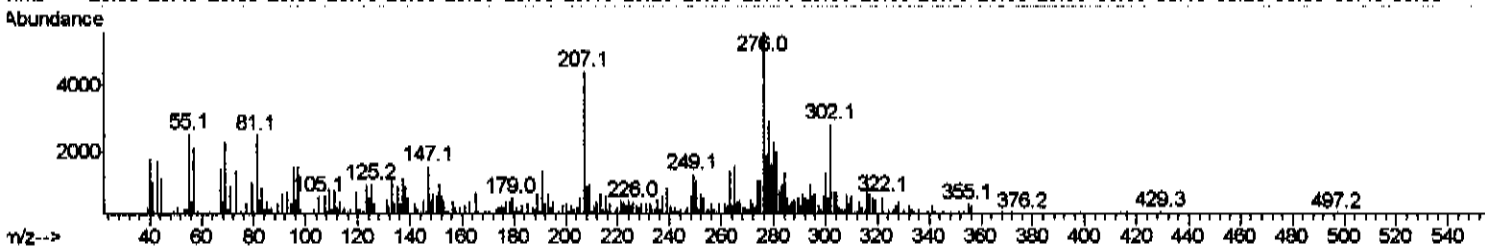
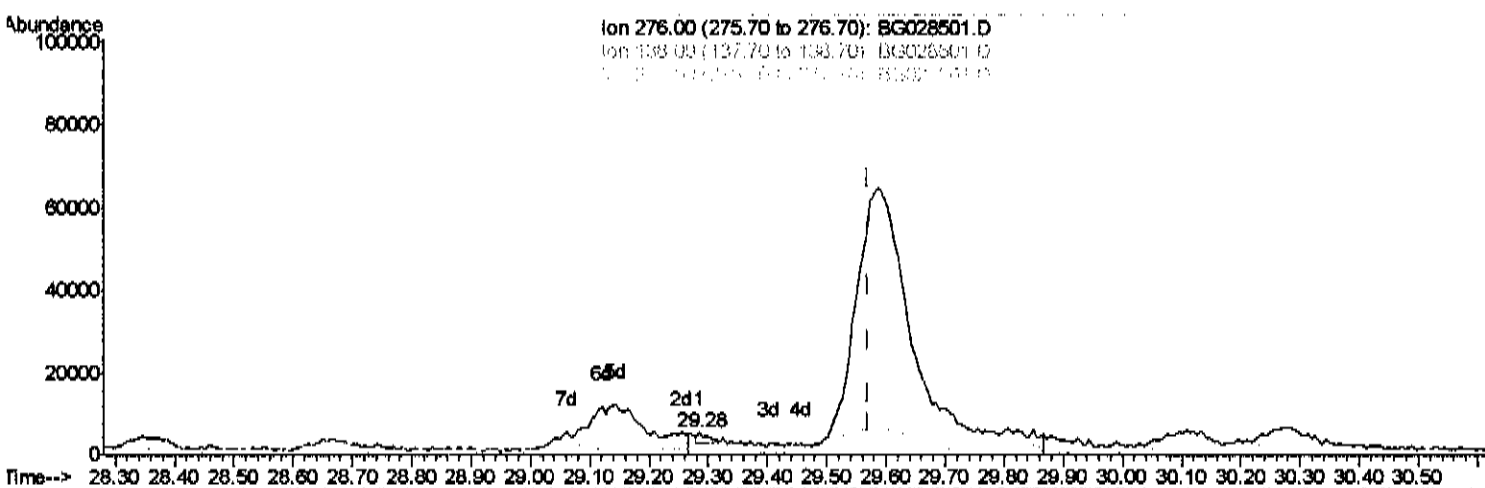
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(89) Indeno(1,2,3-cd)pyrene

29.285min (-0.284) 0.14ng/ul

response 2627

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	17.99#
277.00	23.30	34.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

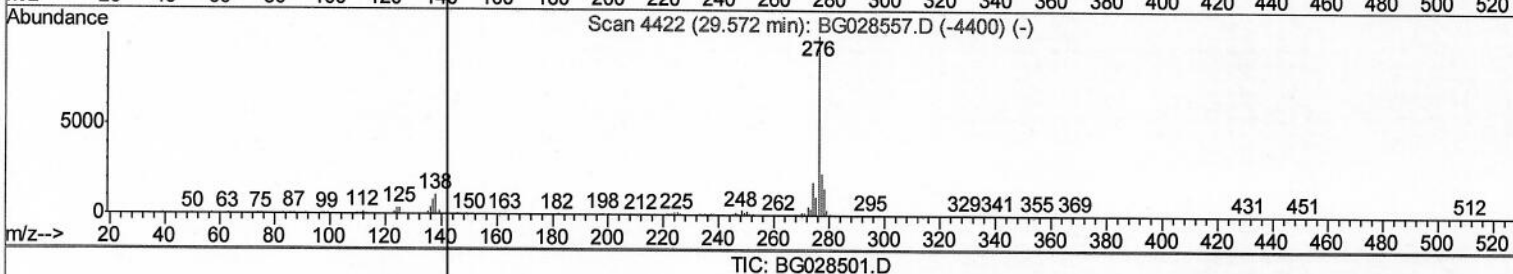
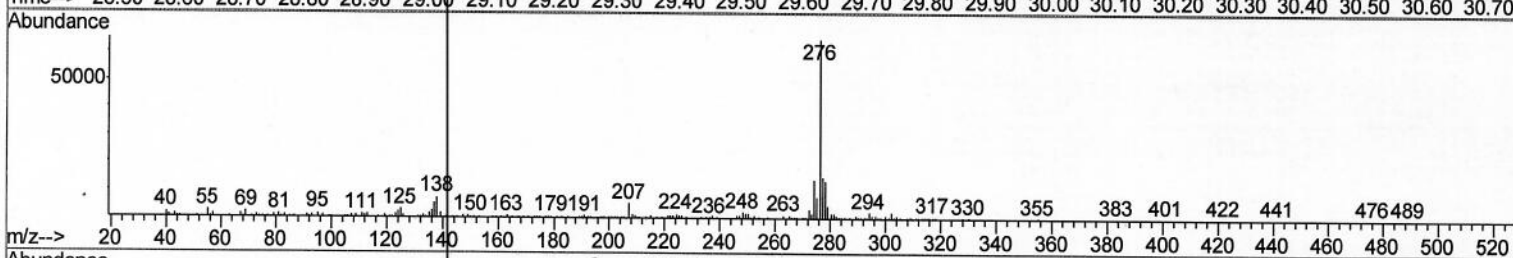
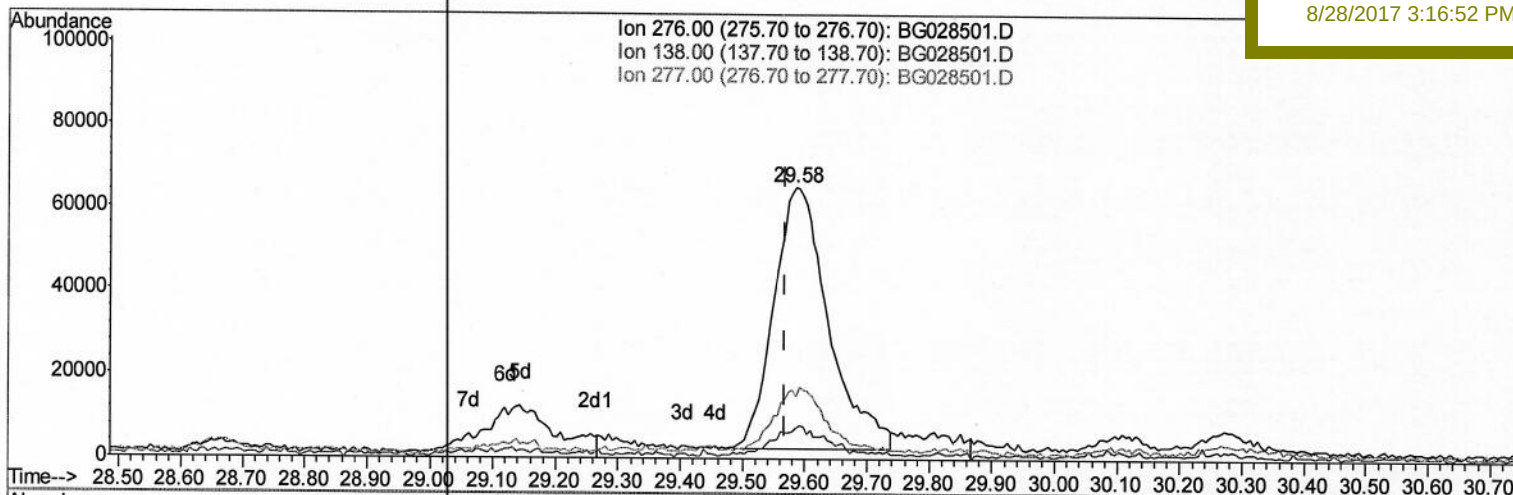
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Manual Integrations
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Sohil
 8/28/2017 3:16:52 PM



TIC: BG028501.D

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

29.585min (+0.015) 18.47ng/ul m

response 385792

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	11.41
277.00	23.30	23.05
0.00	0.00	0.00

S.J
 08/28/17

Quantitation Report (Qedit)

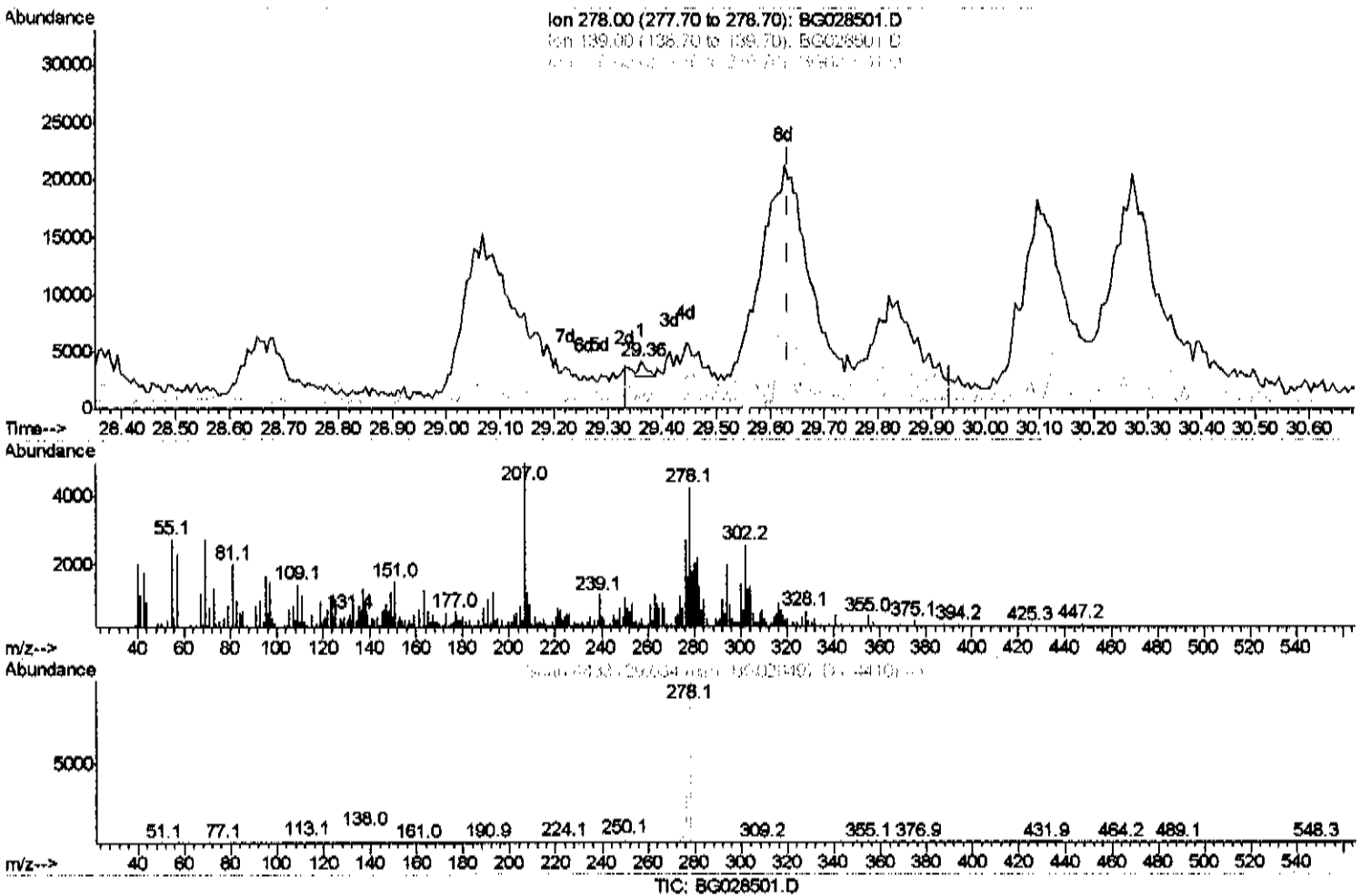
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(90) Dibenzo(a,h)anthracene

29.361min (-0.273) 0.08ng/ul

response 1322

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	11.77#
279.00	26.10	42.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

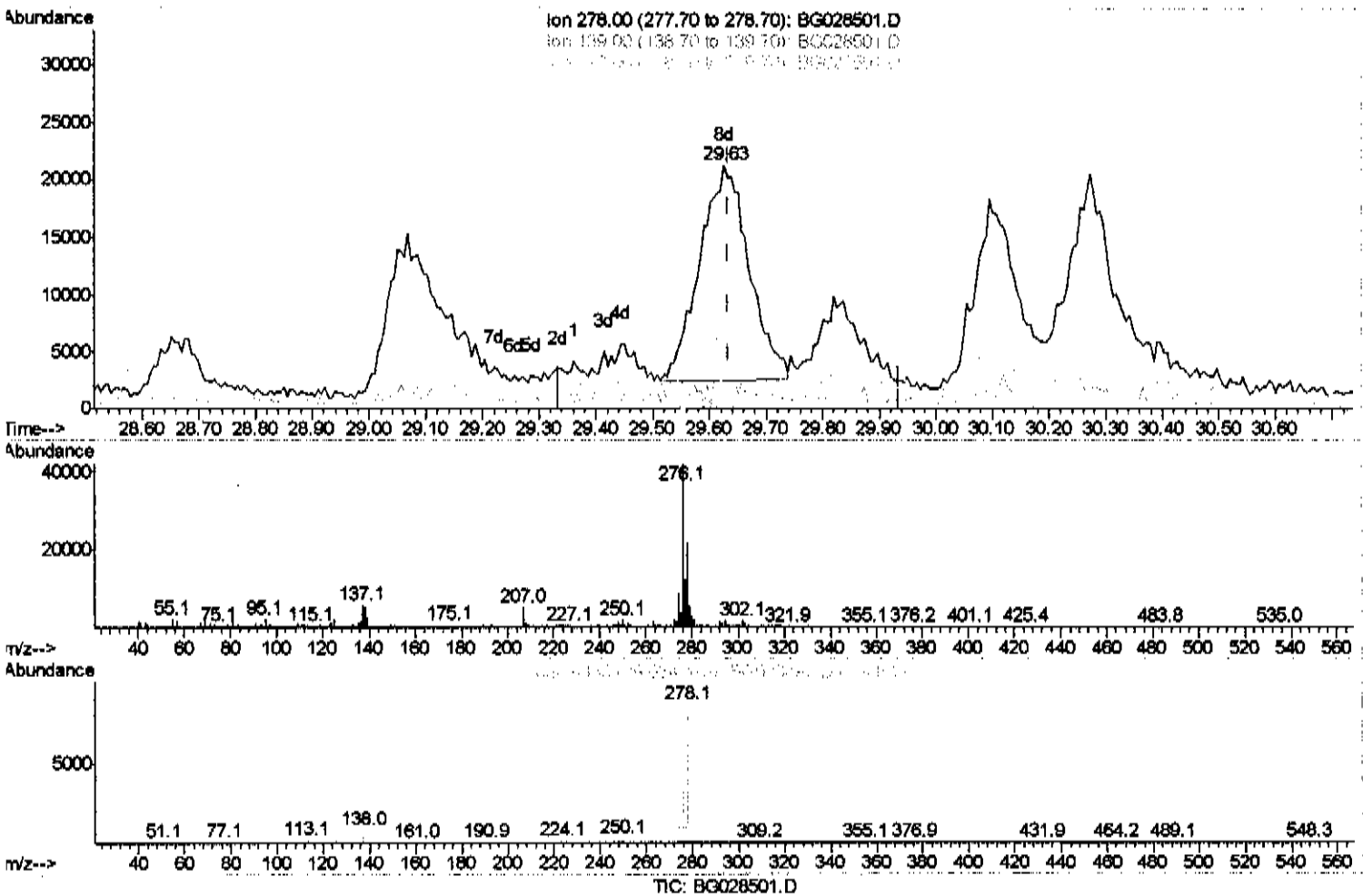
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(90) Dibenzo(a,h)anthracene

29.626min (-0.008) 6.42ng/ul m

response 112324

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	11.58#
279.00	26.10	26.57
0.00	0.00	0.00

Quantitation Report (Qedit)

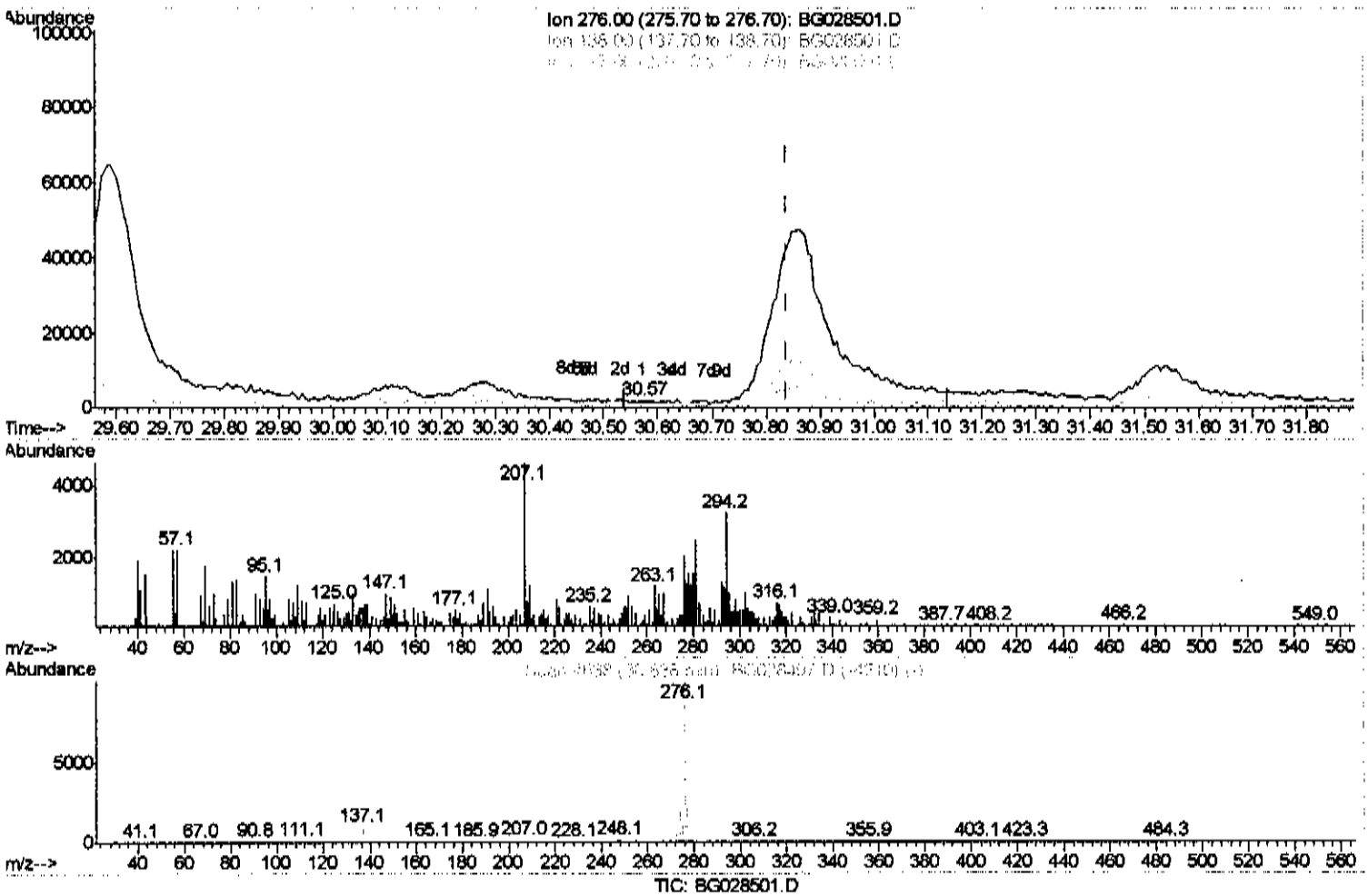
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(91) Benzo(g,h,i)perylene

30.572min (-0.267) 0.04ng/ui

response 738

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	36.98#
277.00	22.00	62.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

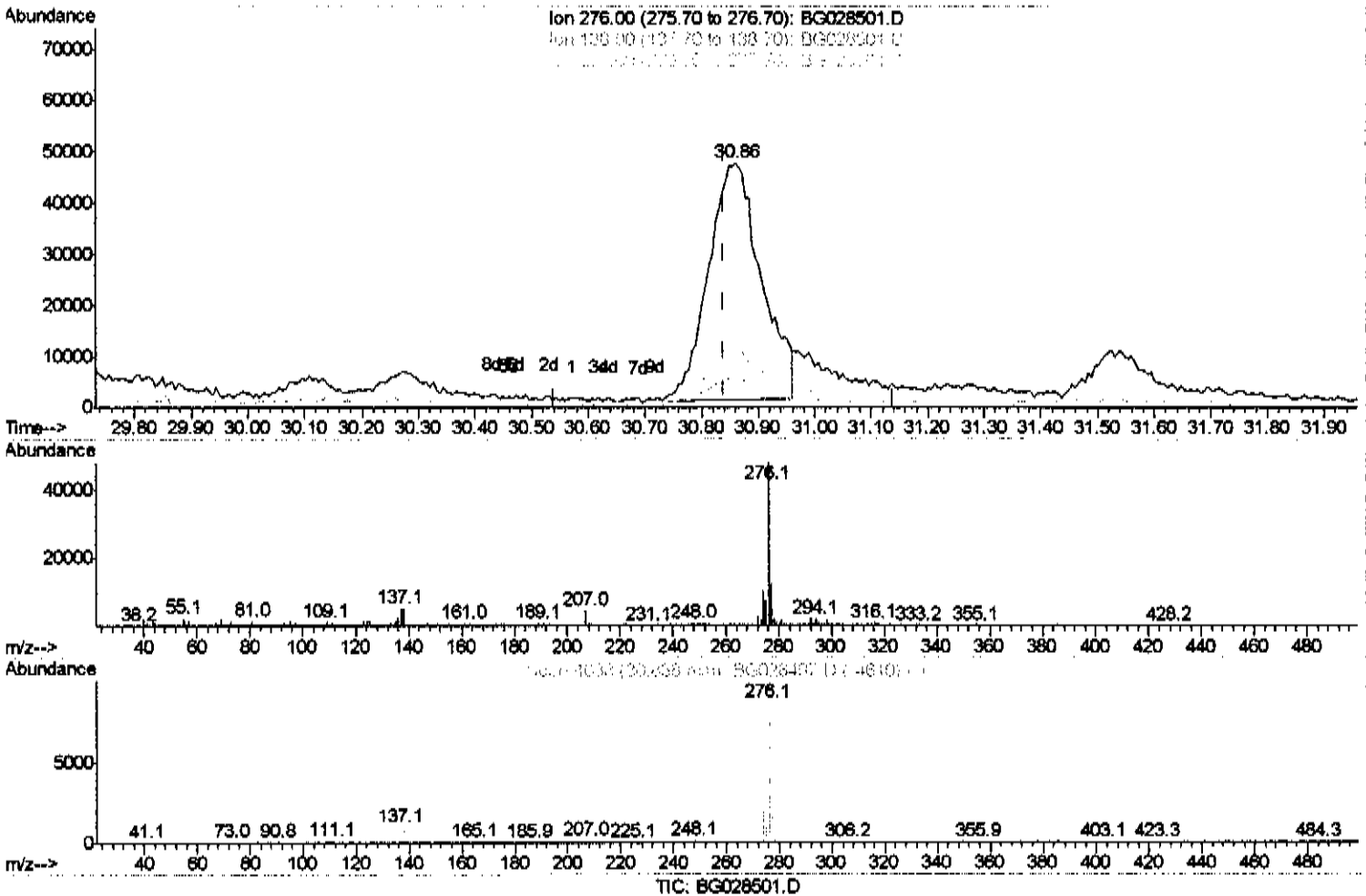
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(91) Benzo(g,h,i)perylene

30.860min (+0.021) 17.60ng/ul m

response 302480

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	11.02
277.00	22.00	25.53
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38186	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	161287	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	110135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	260069	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	317682	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	307881m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	4083	4.98	ng/uL	0.00
5) Phenol-d5	7.49	99	114389	27.27	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.65	67	69878	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	82465	31.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	94966	27.09	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	44178	35.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	52091	37.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	101301	35.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	58257	18.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	341201	34.83	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	394514	35.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	46295	29.72	ng/ul	0.00
57) Fluorene-d10	15.94	176	286507	32.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	43037	25.47	ng/ul	0.00
70) Anthracene-d10	17.80	188	467950	37.52	ng/ul	0.00
76) Pyrene-d10	20.08	212	558276	34.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	539105m	37.40	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	7.52	94	8325	1.997 ng/ul#	81
28) Naphthalene	11.21	128	11612	1.454 ng/ul#	93
34) 2-Methylnaphthalene	12.79	142	9524	1.484 ng/ul	99
44) Dimethylphthalate	14.38	163	199905	22.164 ng/ul	98
47) Acenaphthylene	14.68	152	32254	3.056 ng/ul#	92
49) Acenaphthene	15.01	153	13321	1.871 ng/ul#	86
53) Dibenzofuran	15.34	168	10684	1.029 ng/ul	90
58) Fluorene	15.99	166	22721	2.472 ng/ul#	95
69) Phenanthrene	17.75	178	574925	43.927 ng/ul	99
71) Anthracene	17.84	178	87415	6.535 ng/ul	99
72) Carbazole	18.10	167	24514	2.107 ng/ul	95
74) Fluoranthene	19.74	202	1021419	64.216 ng/ul	99
77) Pyrene	20.11	202	1408472	74.313 ng/ul	98
80) Benzo(a)anthracene	22.02	228	777922	42.381 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.86	149	15254	1.511 ng/ul#	90
82) Chrysene	22.09	228	826945	50.024 ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	829392m	45.017 ng/ul	} → JLU 8/28/17
86) Benzo(k)fluoranthene	24.49	252	279199m	15.514 ng/ul	
88) Benzo(a)pyrene	25.40	252	757977m	42.491 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.58	276	385792m	18.468 ng/ul	
90) Dibenzo(a,h)anthracene	29.63	278	112365m	6.418 ng/ul	
91) Benzo(a,h,i)perylene	30.86	276	302480m	17.601 ng/ul	

Quantitation Report (QT Reviewed)

Instrument :
BNA_G
ClientSampleId :
B0AT6

Manual Integrations
APPROVED

Sohil
8/28/2017 3:16:52 PM

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028501.D
Acq On : 25 Aug 2017 21:41
Operator : SJ/JU
Sample : I4885-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 26 02:55:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 26 01:54:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed