

Quantitation Report (QT Reviewed)

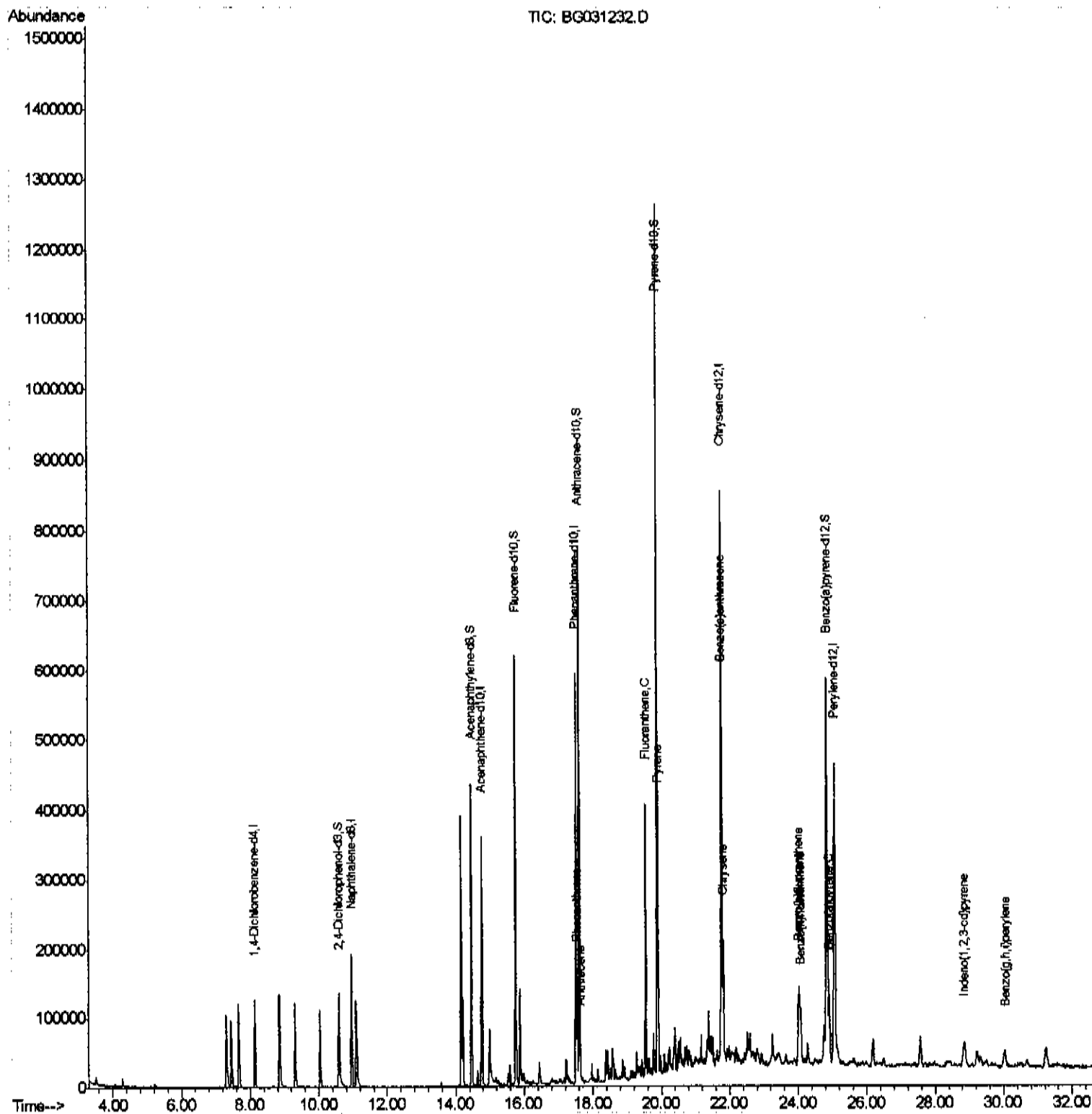
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031232.D
 Acq On : 27 Nov 2017 17:08
 Operator : SJ/JU
 Sample : I6506-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 B0G69

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:16 PM

Quant Time: Nov 28 07:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 04:50:20 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

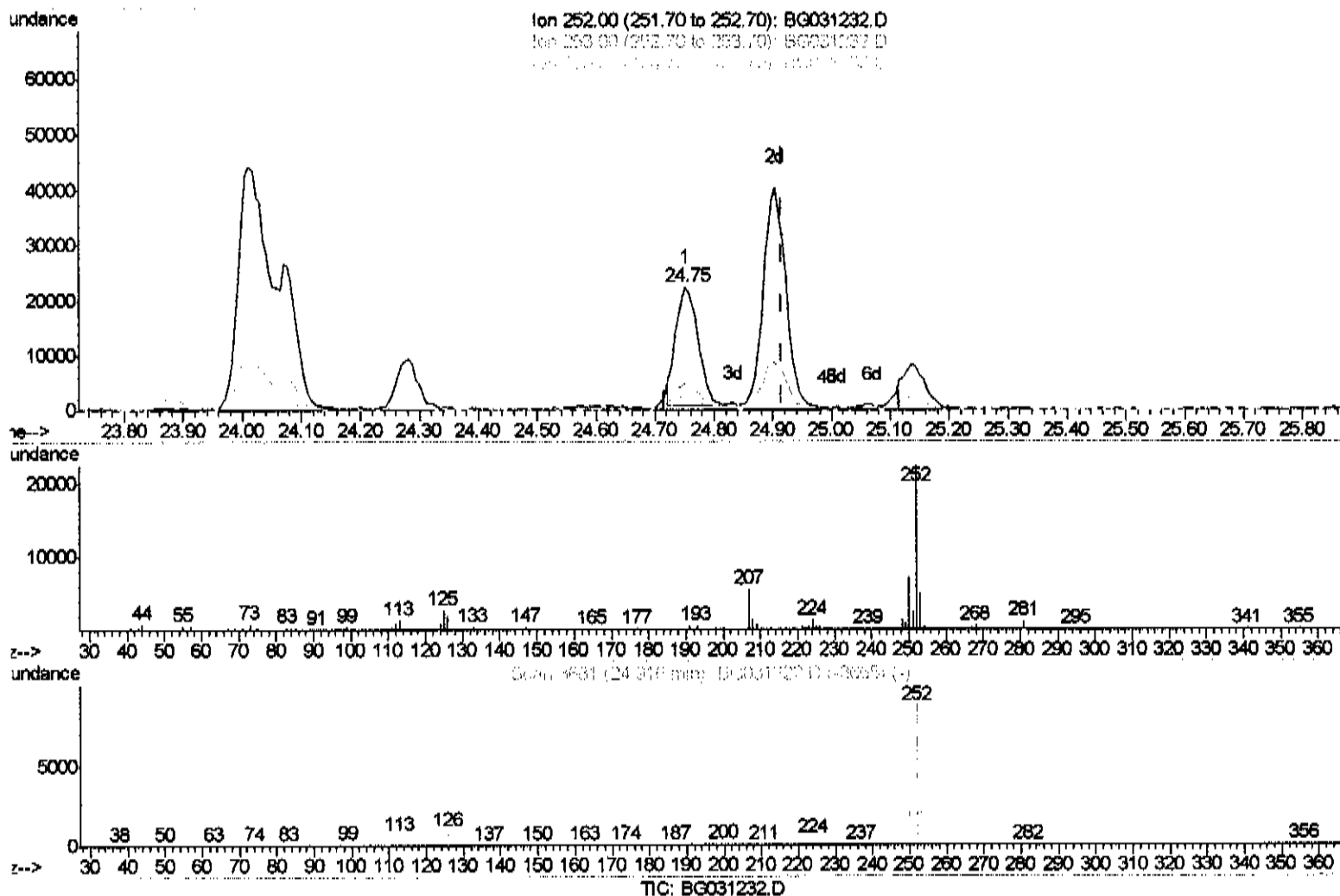
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(27) Benzo(a)pyrene (C)

24.751min (-0.165) 2.05ng/ul

response 55614

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.68
125.00	11.80	12.48
0.00	0.00	0.00

Quantitation Report (Qedit)

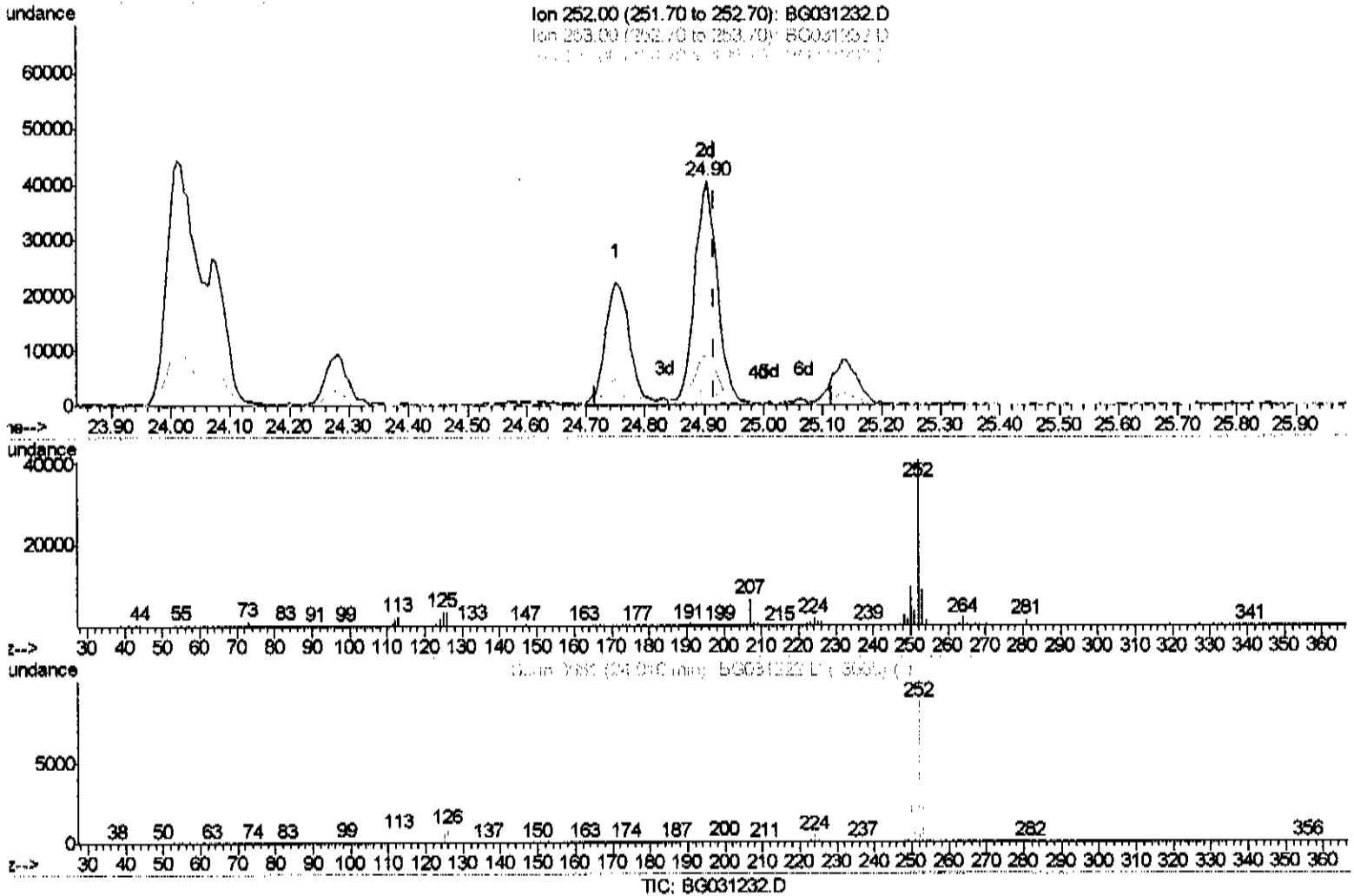
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(27) Benzo(a)pyrene (C)

24.904min (-0.012) 3.97ng/ul m *SJ 11/29/17*

response 107605

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.39
125.00	11.80	8.72#
0.00	0.00	0.00

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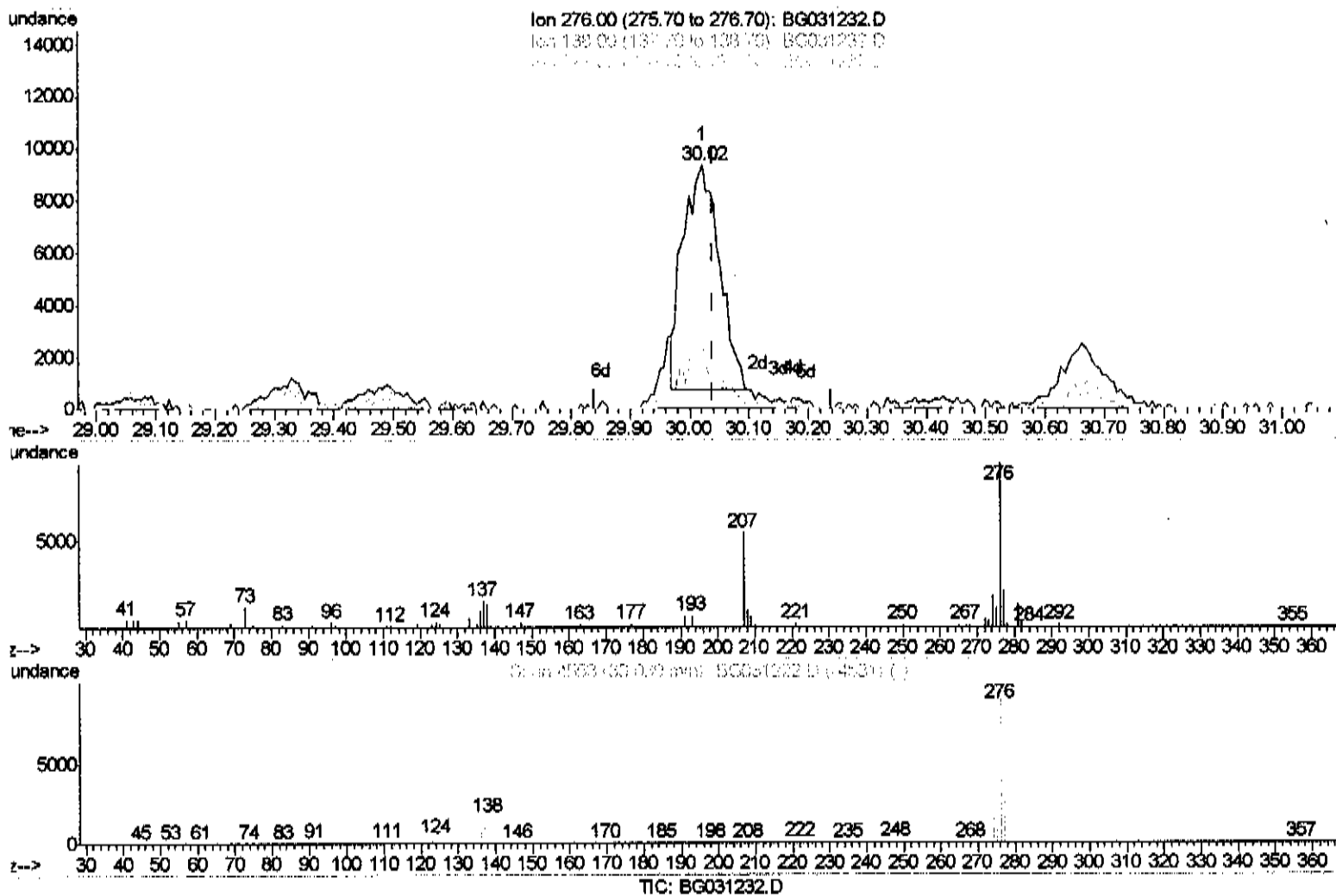
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(30) Benzo(g,h,i)perylene

30.021min (-0.018) 1.42ng/ui

response 36611

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	15.37#
277.00	24.60	24.14
0.00	0.00	0.00

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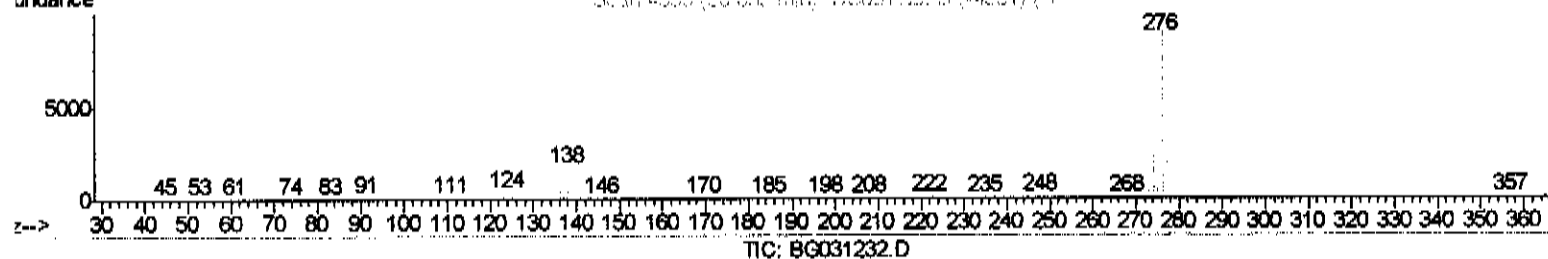
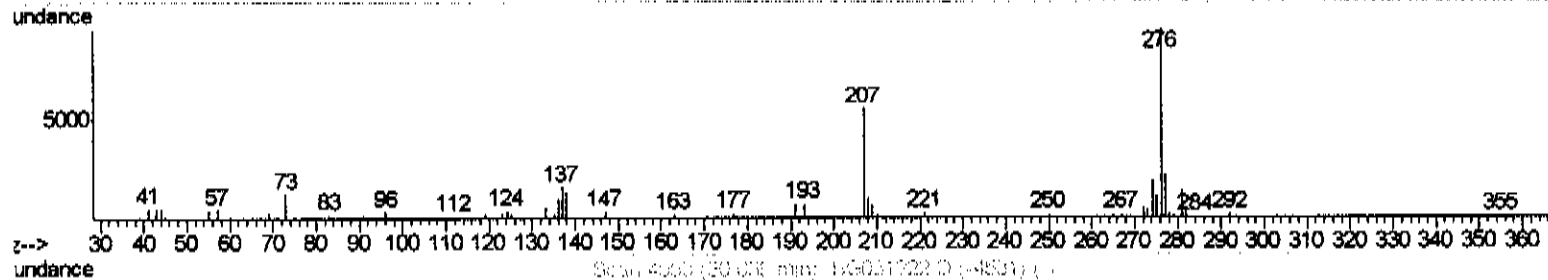
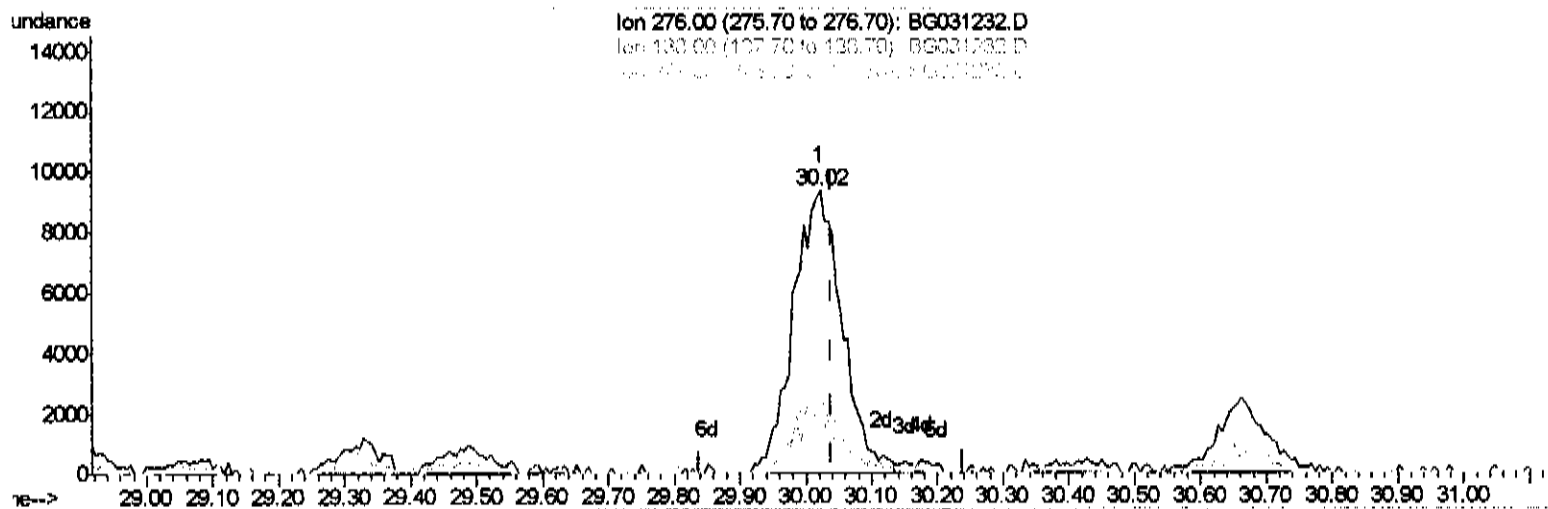
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(30) Benzo(g,h,i)perylene

30.021min (-0.018) 1.84ng/ul m

4311/29/17

response 47334

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	15.37#
277.00	24.60	24.14
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	8.14	152	41258	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	184942	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	132424	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	379715	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	486885	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	467628	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.58	165	73719	21.13	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	355950	25.85	ng/ul	0.00
10) Fluorene-d10	15.74	176	282369	25.53	ng/ul	0.00
15) Anthracene-d10	17.59	188	491685	25.87	ng/ul	0.00
19) Pvrene-d10	19.87	212	644881	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	609776	26.36	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Phenanthrene	17.54	178	90994	4.47	ng/ul	98
16) Anthracene	17.63	178	26902	1.30	ng/ul	98
17) Fluoranthene	19.53	202	252753	8.91	ng/ul#	92
20) Pvrene	19.90	202	222006	8.59	ng/ul#	89
21) Benzo(a)anthracene	21.74	228	154548	5.21	ng/ul	98
22) Chrysene	21.81	228	126011	4.47	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	157352	5.57	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	46229	1.66	ng/ul#	97
27) Benzo(a)pyrene	24.90	252	107605m	3.97	ng/ul	-
28) Indeno(1,2,3-cd)pyrene	28.83	276	59320	1.92	ng/ul#	88
30) Benzo(a,h,i)perylene	30.02	276	47334m	1.84	ng/ul	-

- SJ 11/29/17
 - SJ 11/29/17

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