

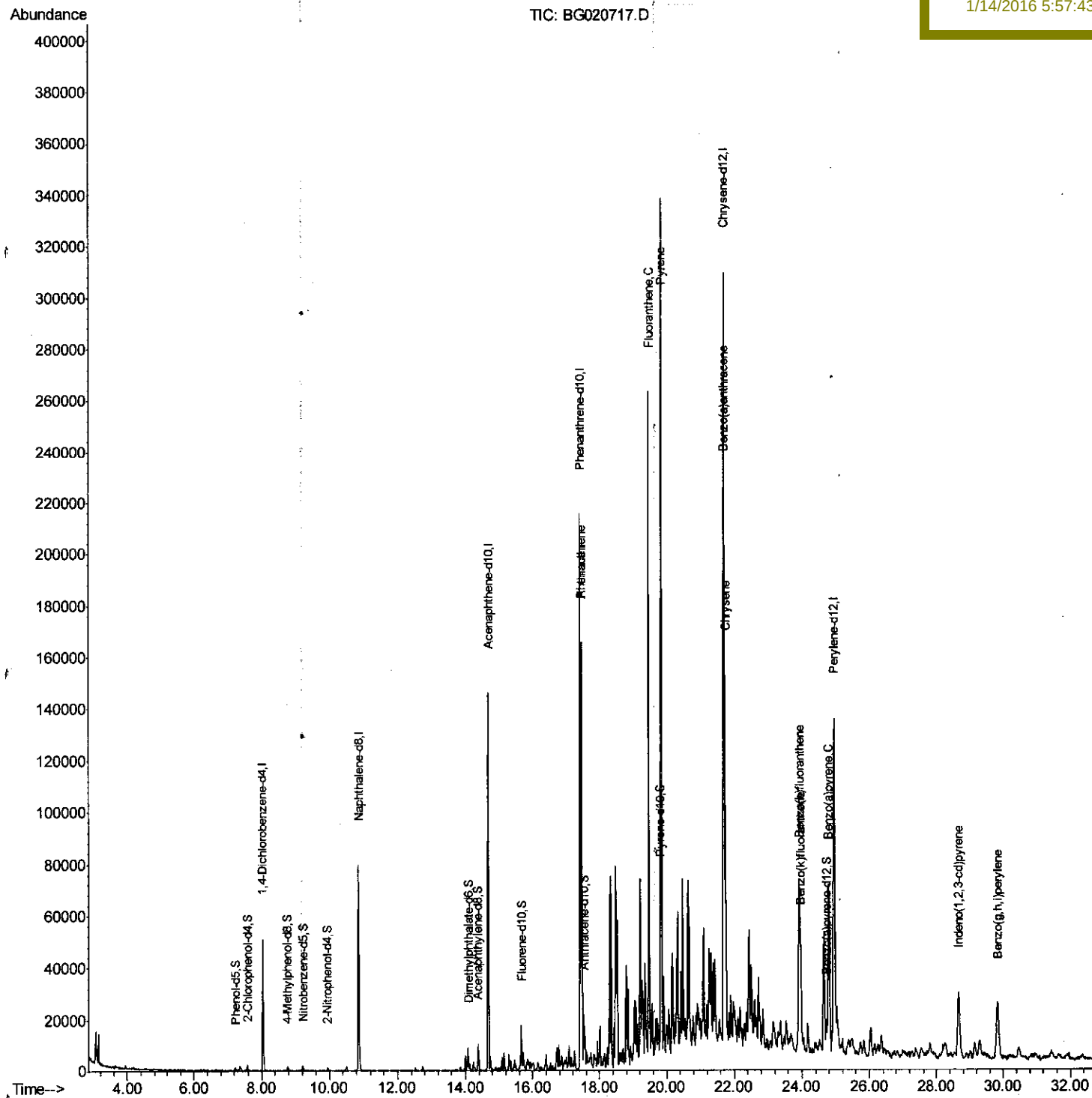
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011316\
Data File : BG020717.D
Acq On : 14 Jan 2016 2:13
Operator : SJ/IZ
Sample : H1096-01 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 14 10:35:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BC931

Manual Integrations
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Quantitation Report (Qedit)

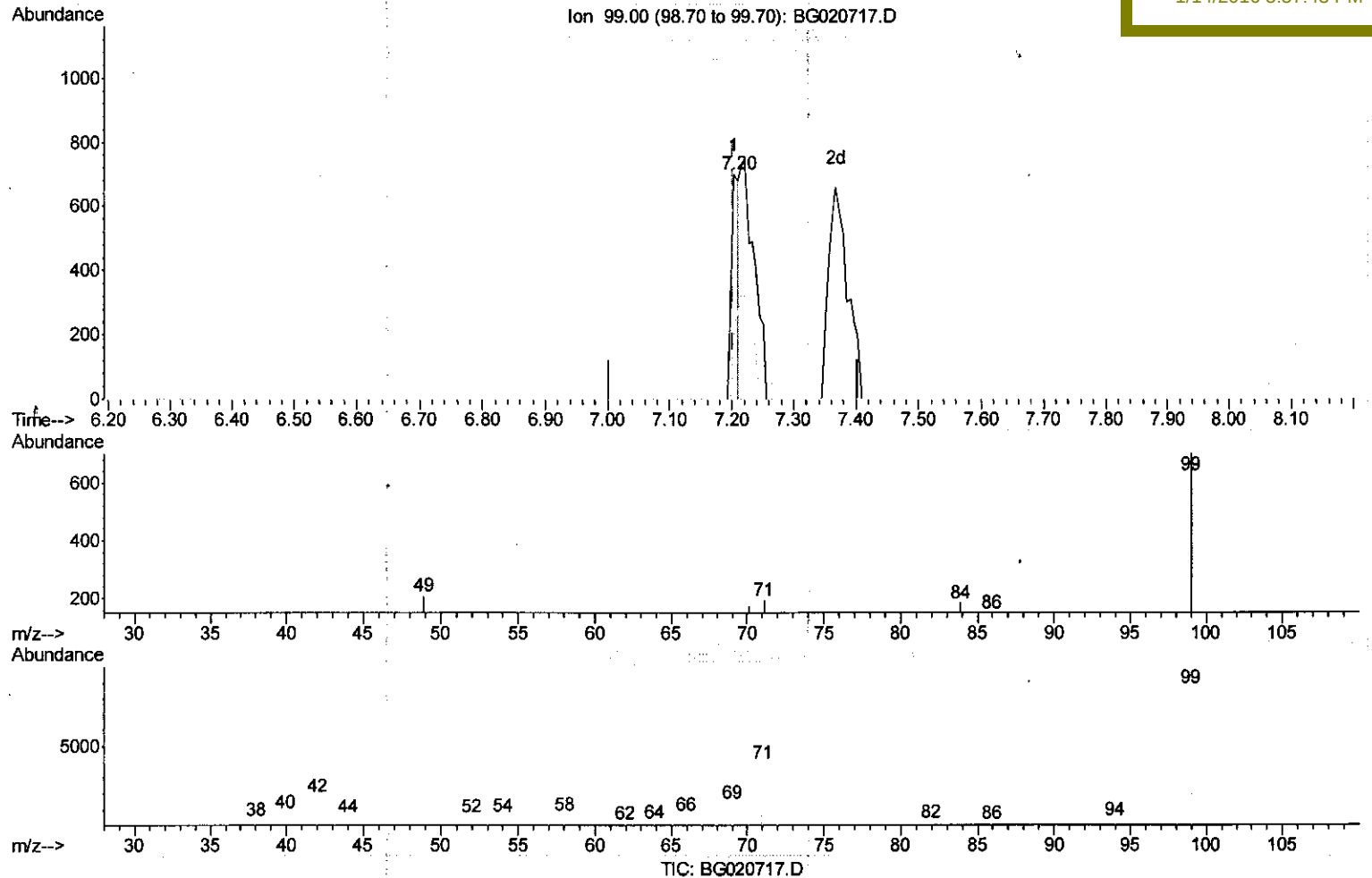
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(5) Phenol-d5 (S)

7.203min (+0.000) 0.45ng/ul

response 599

Ion	Exp%	Act%
99.00	100	100
71.00	37.50	27.67#
42.00	17.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

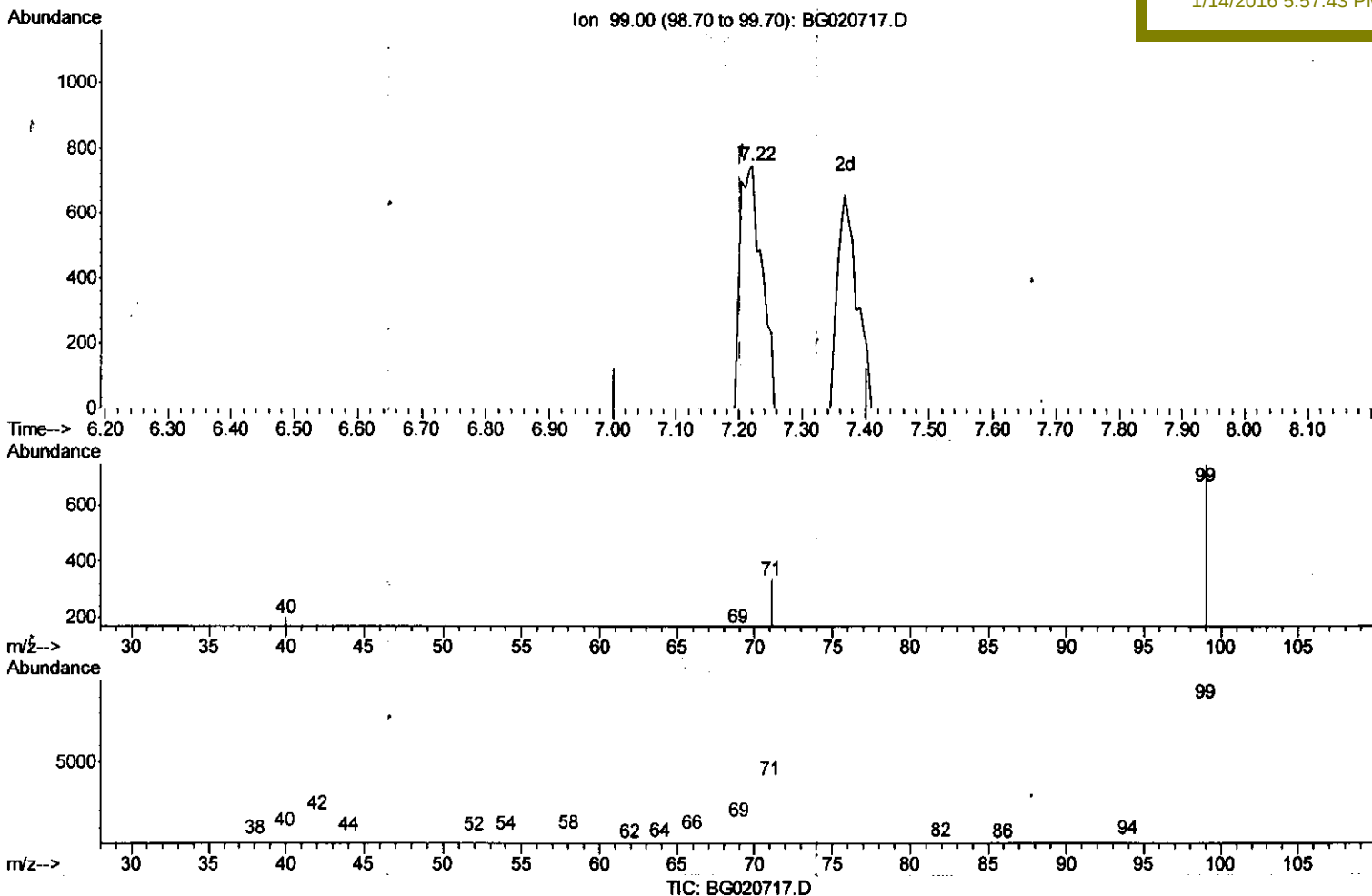
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(5) Phenol-d5 (S)

7.221min (+0.018) 1.33ng/ul m *S.J*
1/15/16
 response 1781

Ion	Exp%	Act%
99.00	100	100
71.00	37.50	45.19#
42.00	17.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

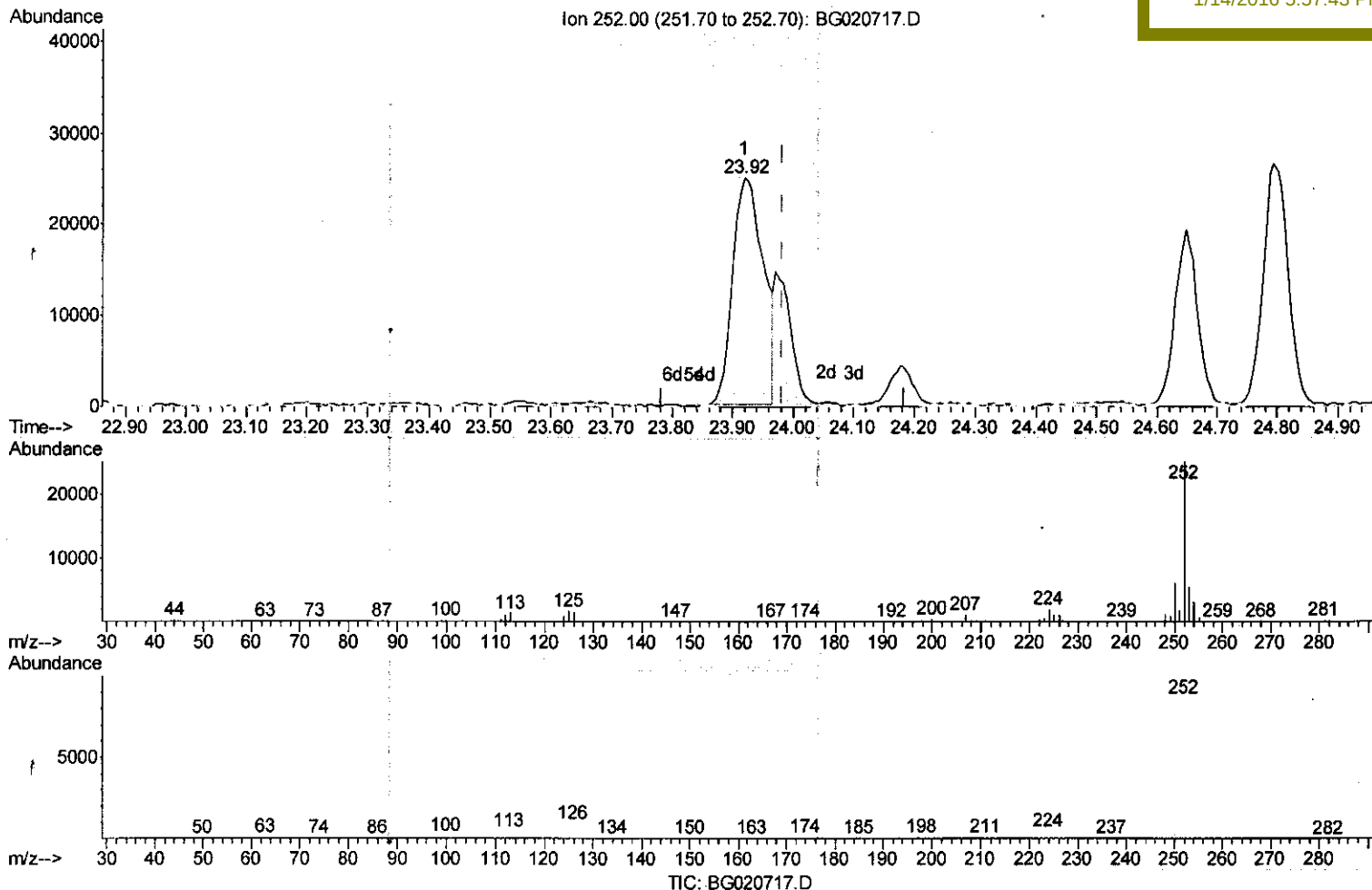
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Manual Integrations
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(89) Benzo(k)fluoranthene

23.919min (-0.064) 9.06ng/ul

response 88939

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.91
125.00	6.70	7.19
0.00	0.00	0.00

Quantitation Report (Qedit)

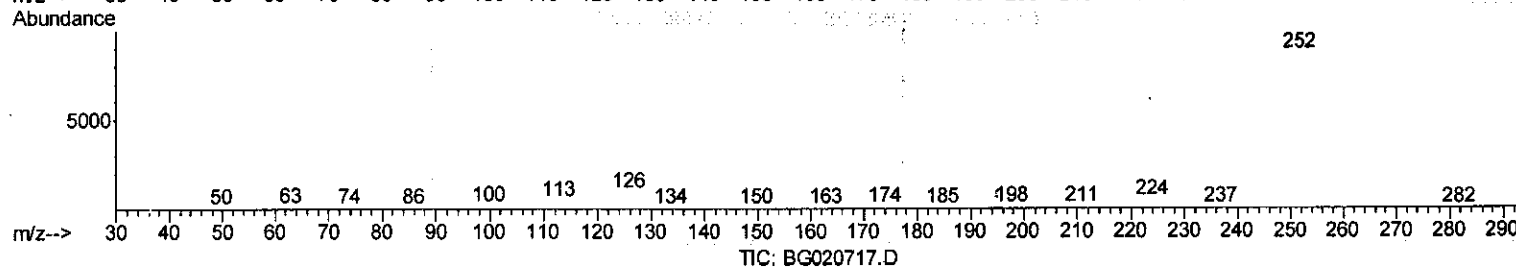
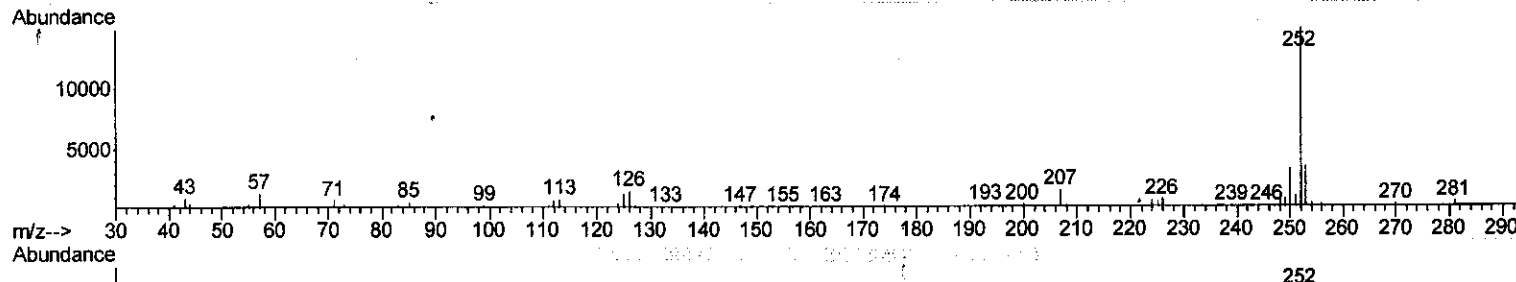
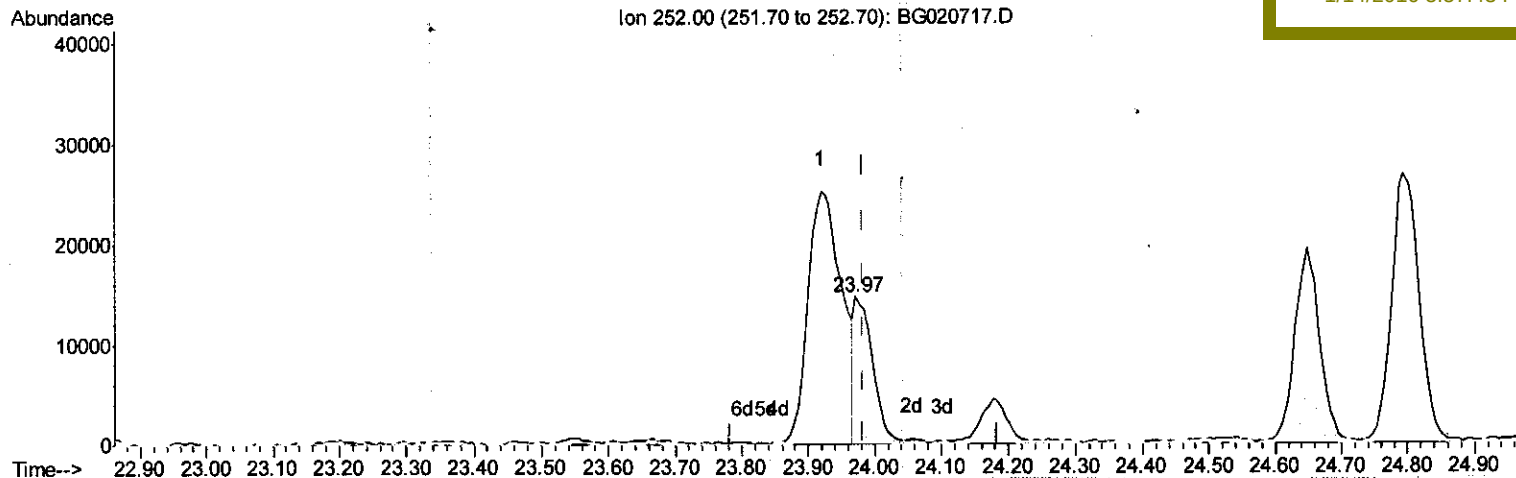
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(89) Benzo(k)fluoranthene

23.972min (-0.011) 2.81ng/ul m

response 27594

Ion Exp% Act%

252.00 100 100

253.00 21.40 23.15

125.00 6.70 8.34#

0.00 0.00 0.00

S, J
 1/15/16

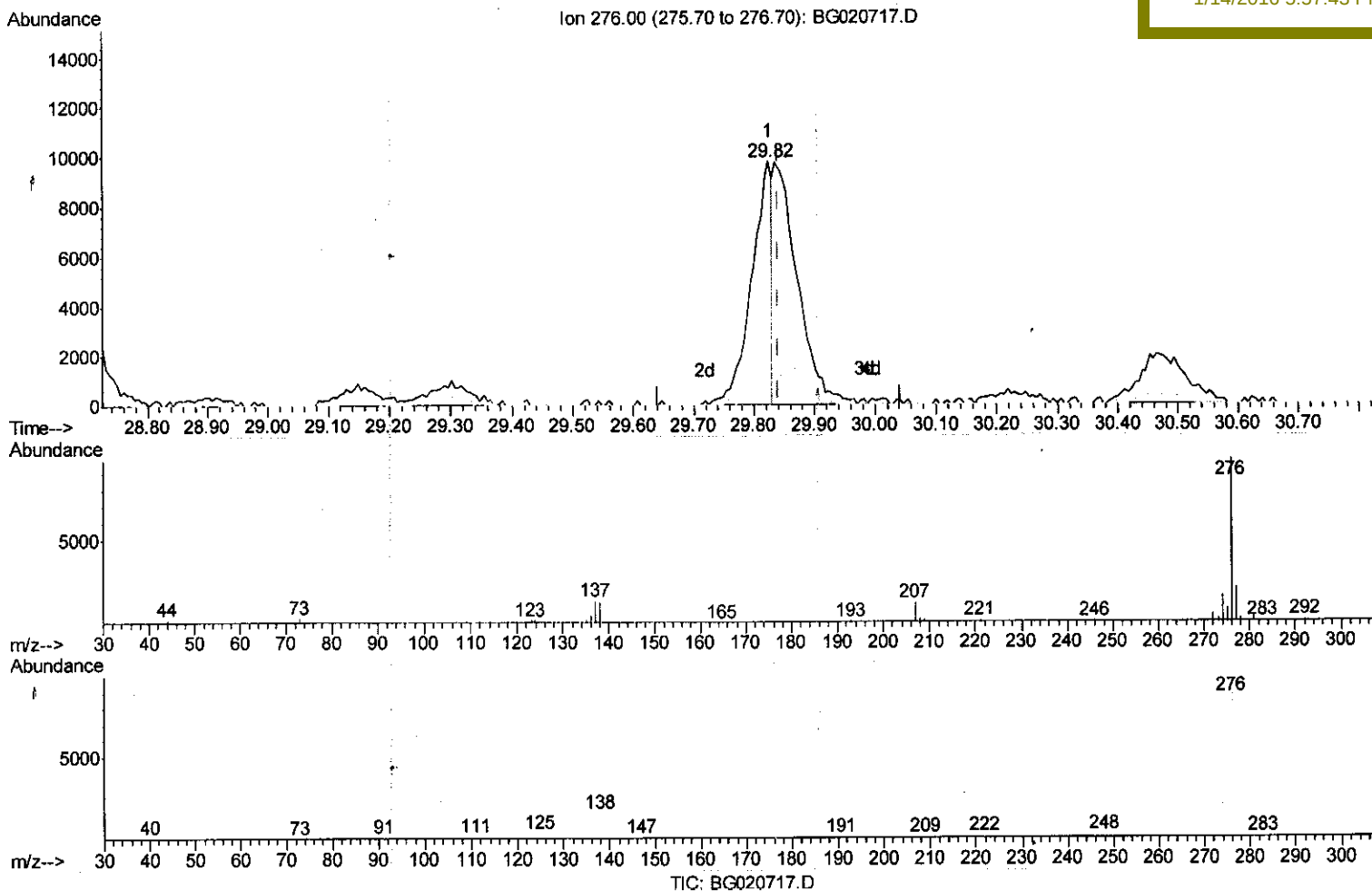
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(94) Benzo(g,h,i)perylene

29.824min (-0.017) 2.48ng/ul

response 23123

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	13.91
277.00	23.80	22.54
0.00	0.00	0.00

Quantitation Report (Qedit)

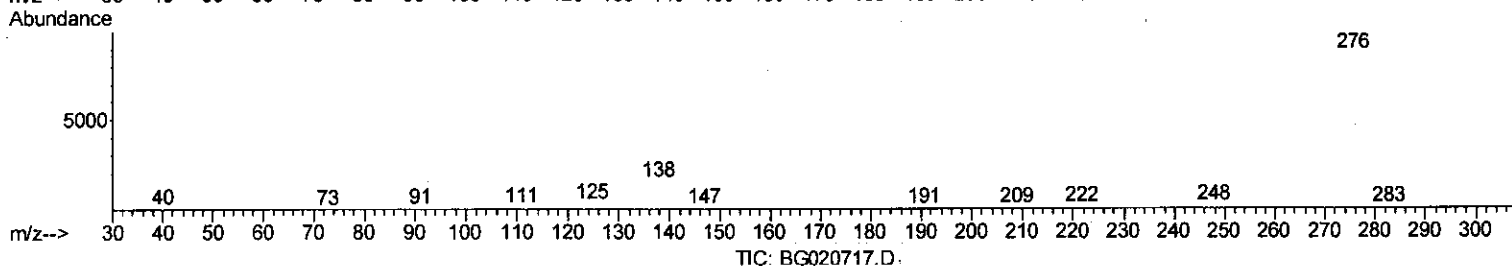
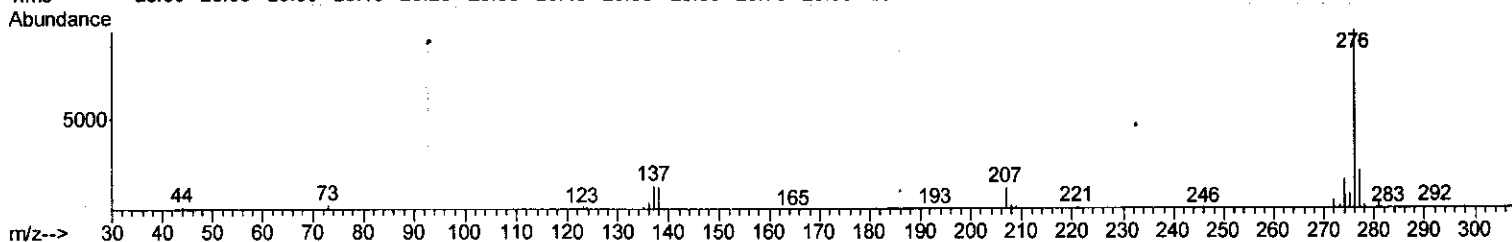
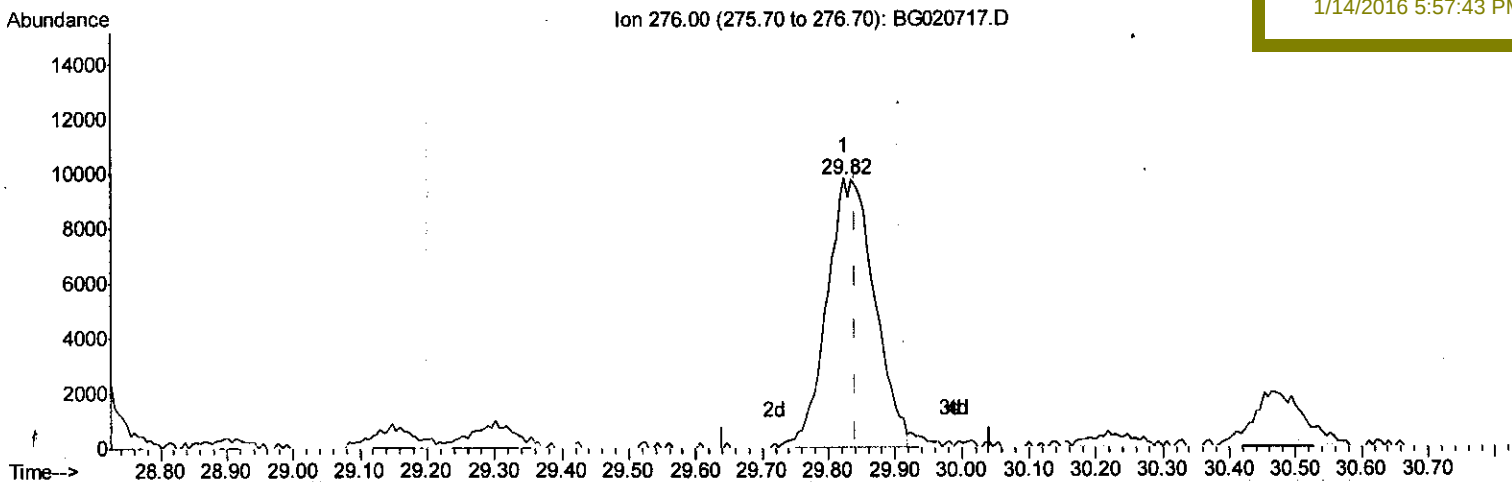
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Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:57:43 PM



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

29.824min (-0.017) 5.21ng/ul m

response 48523

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	13.91
277.00	23.80	22.54
0.00	0.00	0.00

S.J
1/15/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011316\
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	70958	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	51491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	137446	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	162386	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	154397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1781m	1.33	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	689	0.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	1572	1.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1368	1.21	ng/ul	0.02
19) Nitrobenzene-d5	9.22	128	650	1.16	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	725	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	1164	0.94	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.08	166	7401	1.65	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	9530	1.89	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	7818	1.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	455	0.61	ng/ul	0.00
71) Anthracene-d10	17.52	188	13592	2.02	ng/ul	0.00
79) Pyrene-d10	19.81	212	15688	2.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	16212	1.97	ng/ul	0.00

Target Compounds

						Qvalue
70) Phenanthrene	17.47	178	108364	13.25	ng/ul	98
72) Anthracene	17.47	178	108364	13.13	ng/ul	97
77) Fluoranthene	19.48	202	158196	15.91	ng/ul	99
80) Pyrene	19.84	202	215139	20.89	ng/ul	99
83) Benzo(a)anthracene	21.68	228	85028	8.39	ng/ul	98
85) Chrysene	21.75	228	105113	10.97	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	88939	8.94	ng/ul	99
89) Benzo(k)fluoranthene	23.97	252	27594m	2.81	ng/ul	
91) Benzo(a)pyrene	24.79	252	75216	7.86	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.67	276	45683	4.05	ng/ul	98
94) Benzo(g,h,i)perylene	29.82	276	48523m	5.21	ng/ul	

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