

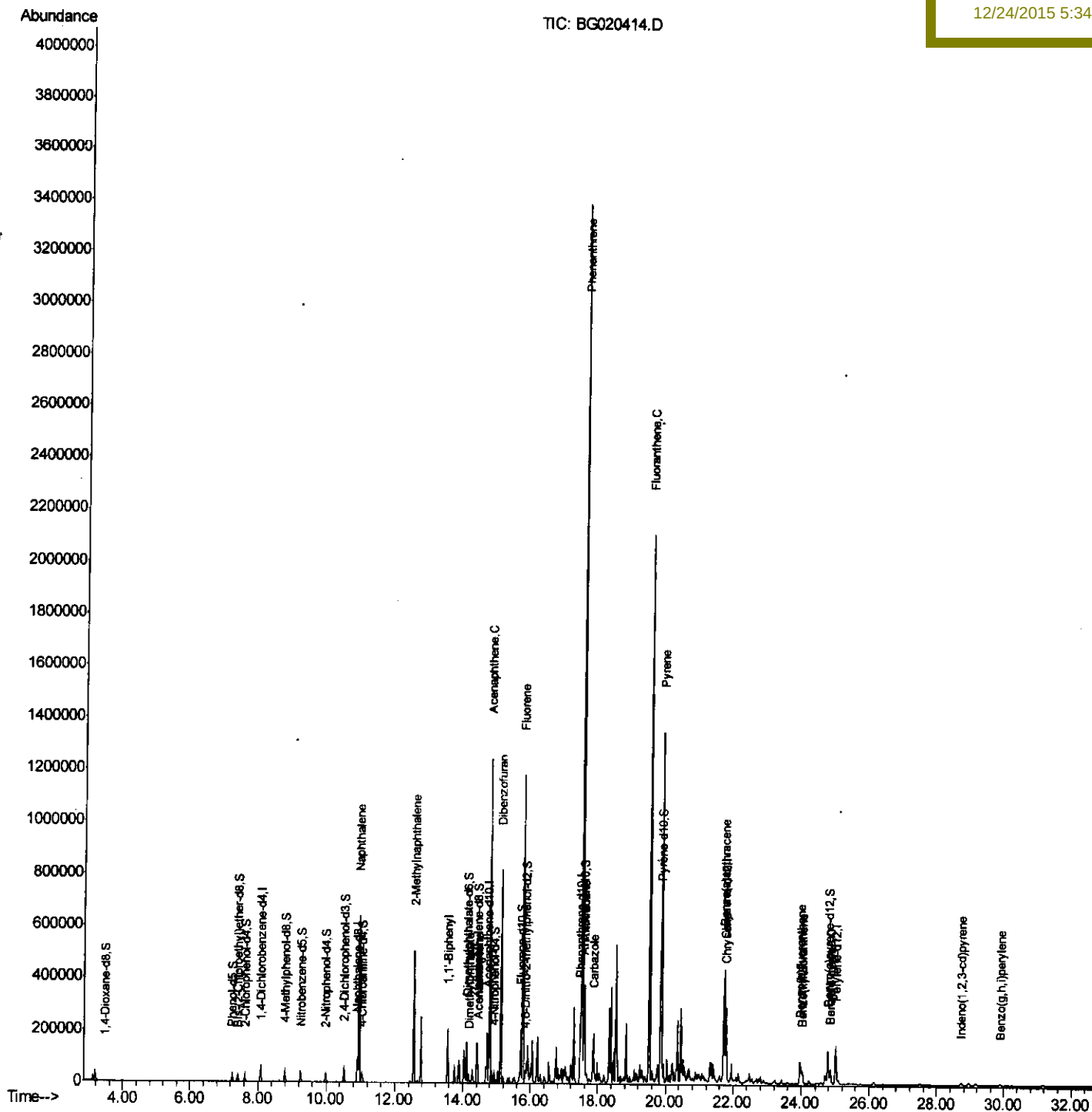
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020414.D
 Acq On : 22 Dec 2015 18:14
 Operator : UM/SJ
 Sample : G4848-17ME
 Misc : med level RX
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 23 06:11:57 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 04:11:36 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 D9N63ME

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	19423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	89885	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	69799	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	165132	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	164856	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	161336	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	880	2.50	ng/uL	0.00
5) Phenol-d5	7.24	99	23981	14.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16253	15.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	19684	15.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23370	15.96	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11772	16.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	14193	18.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	26204	16.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	25592	14.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	105990	18.77	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	115513	17.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9088	8.98	ng/ul	0.00
58) Fluorene-d10	15.71	176	92661	18.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8568	8.75	ng/ul	0.00
71) Anthracene-d10	17.57	188	142125	18.68	ng/ul	0.00
79) Pyrene-d10	19.85	212	135152	17.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	153824	19.12	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.96	128	553851	117.99	ng/ul 98
34) 2-Methylnaphthalene	12.56	142	245104	68.36	ng/ul 97
41) 1,1'-Biphenyl	13.55	154	113441	21.54	ng/ul 99
45) Dimethylphthalate	14.17	163	24624	4.27	ng/ul 99
48) Acenaphthylene	14.44	152	33663	4.82	ng/ul# 94
50) Acenaphthene	14.79	153	533636	113.65	ng/ul 99
54) Dibenzofuran	15.12	168	552493	79.10	ng/ul 100
59) Fluorene	15.77	166	550859	98.21	ng/ul 99
70) Phenanthrene	17.53	178	2330508m	258.01	ng/ul
72) Anthracene	17.60	178	264829	28.91	ng/ul 98
75) Carbazole	17.87	167	123432	16.03	ng/ul 99
77) Fluoranthene	19.52	202	1427879	135.26	ng/ul 97
80) Pyrene	19.88	202	985331	98.75	ng/ul 99
83) Benzo(a)anthracene	21.72	228	249229	25.91	ng/ul 98
85) Chrysene	21.79	228	207842	22.94	ng/ul 95
88) Benzo(b)fluoranthene	23.96	252	122208	12.59	ng/ul 96
89) Benzo(k)fluoranthene	24.02	252	42422m	4.55	ng/ul
91) Benzo(a)pyrene	24.84	252	69841	7.59	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	28.73	276	21193	1.93	ng/ul 94
94) Benzo(g,h,i)perylene	29.89	276	15538m	1.73	ng/ul

U.M
 12/21/15

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

Quantitation Report (Qedit)

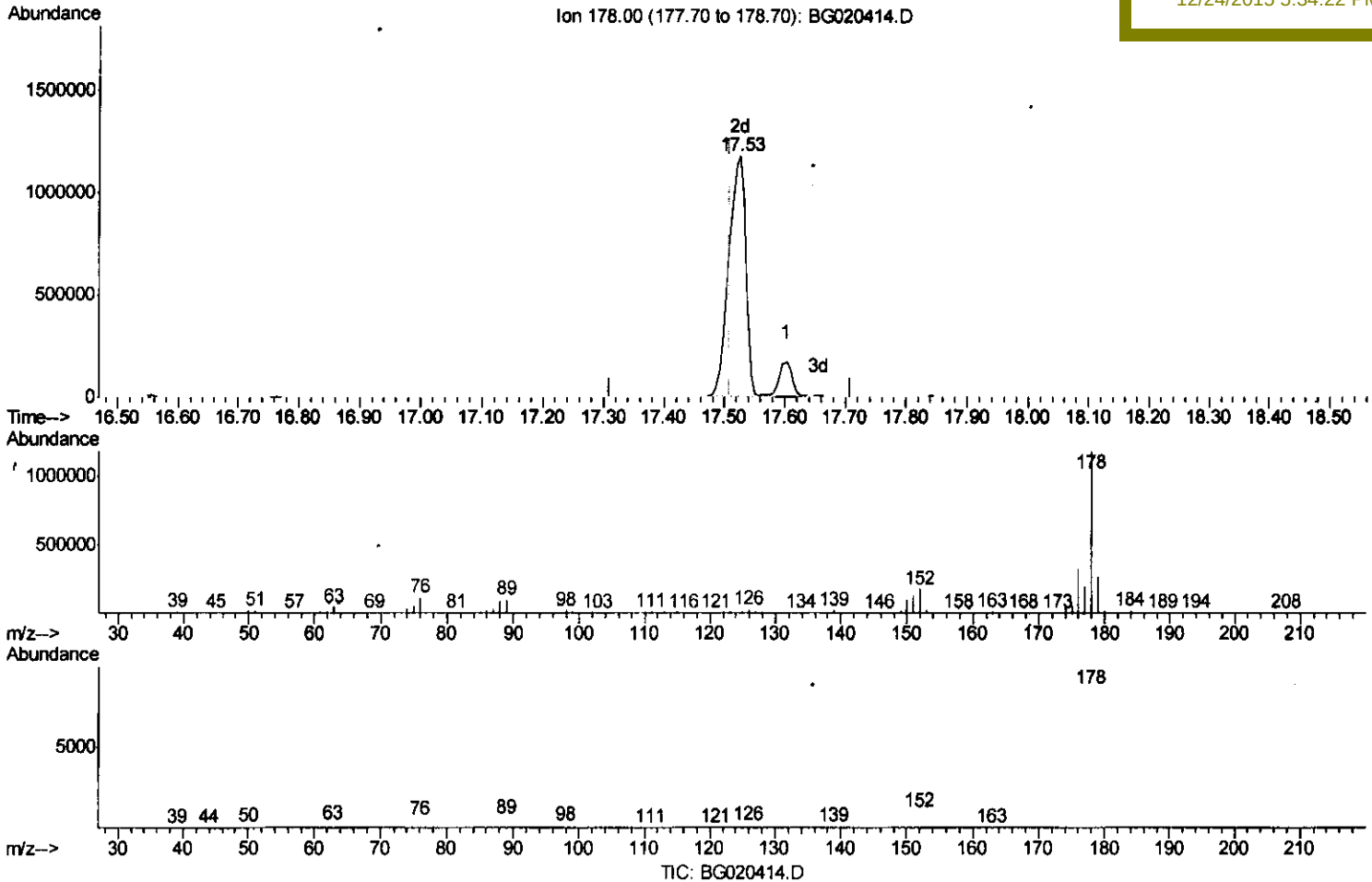
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(70) Phenanthrene

17.527min (+0.017) 258.01ng/ul m

response 2330508

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	22.56#
176.00	19.10	27.56#
0.00	0.00	0.00

U.M.
12/31/15

Quantitation Report (Qedit)

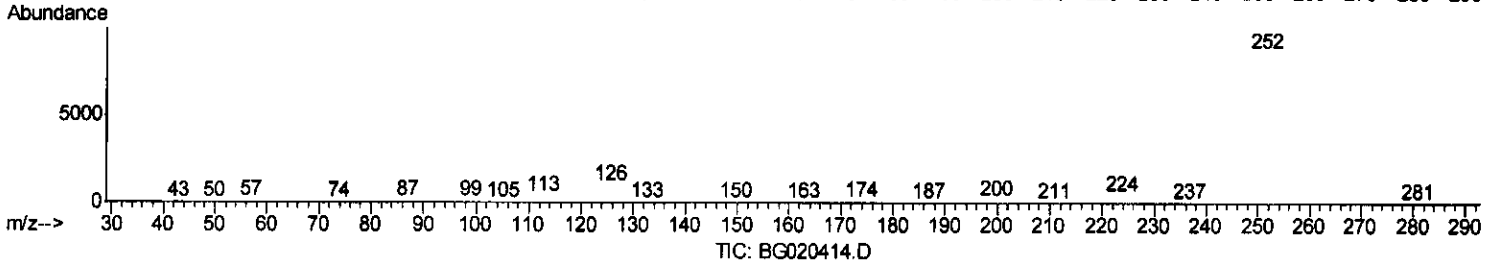
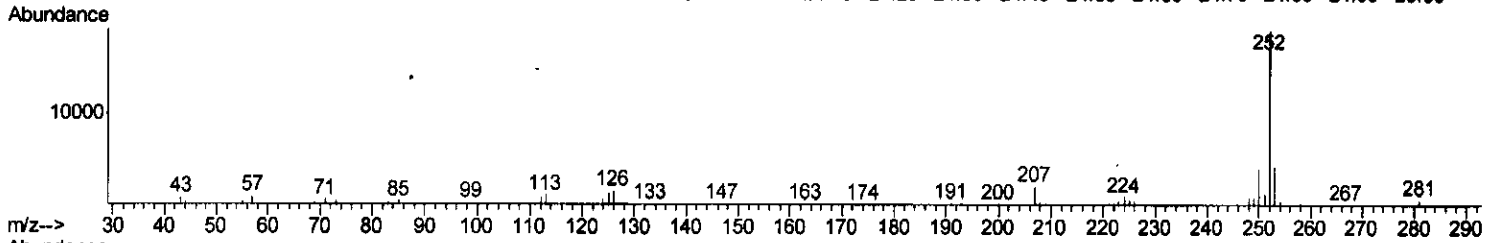
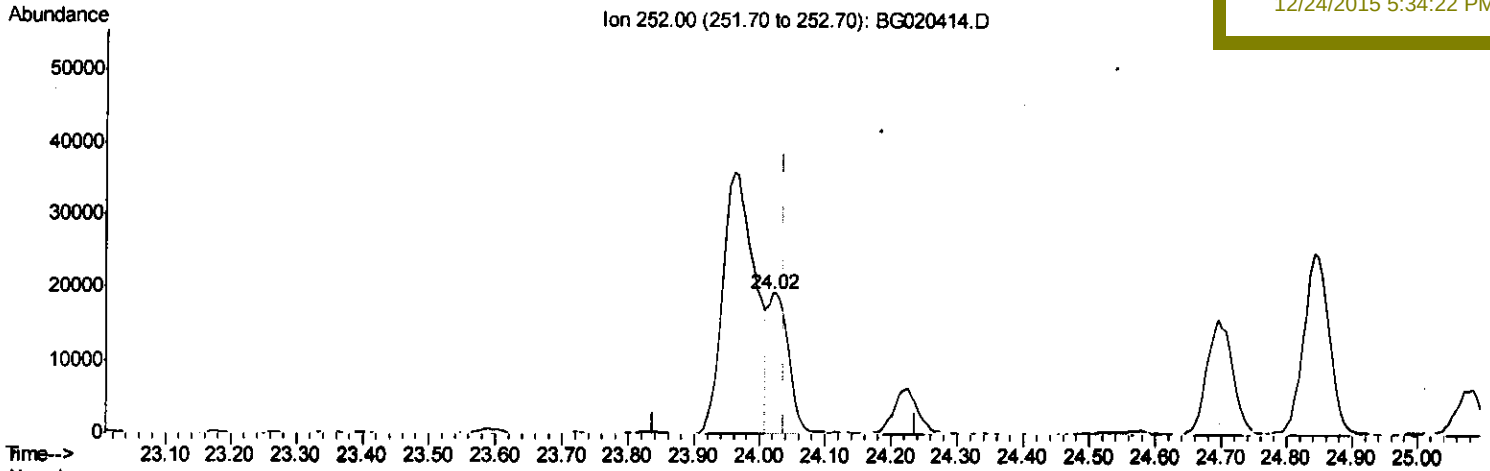
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(89) Benzo(k)fluoranthene

24.019min (-0.018) 4.55ng/ul m

U.M
12/31/15

response 42422

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.83
125.00	7.20	6.95
0.00	0.00	0.00

Quantitation Report (Qedit)

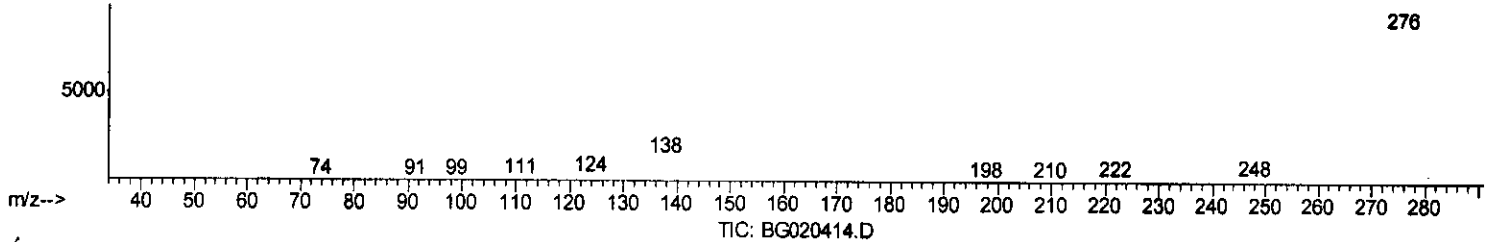
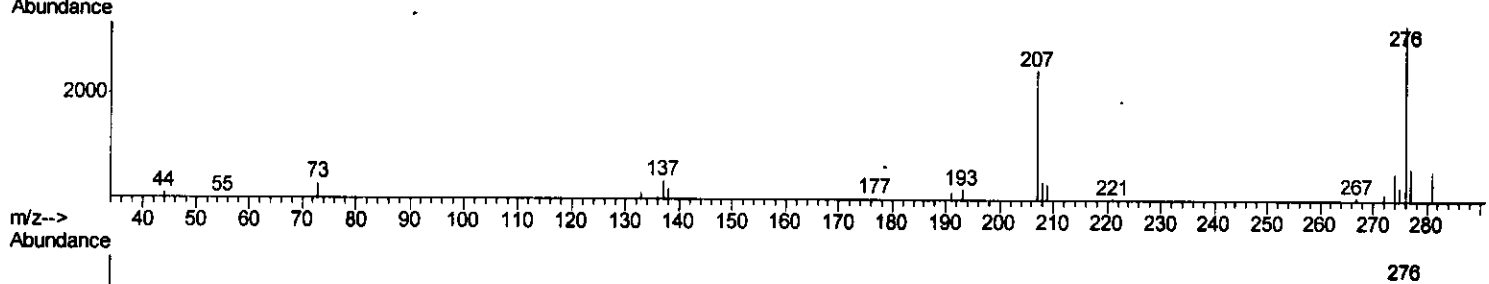
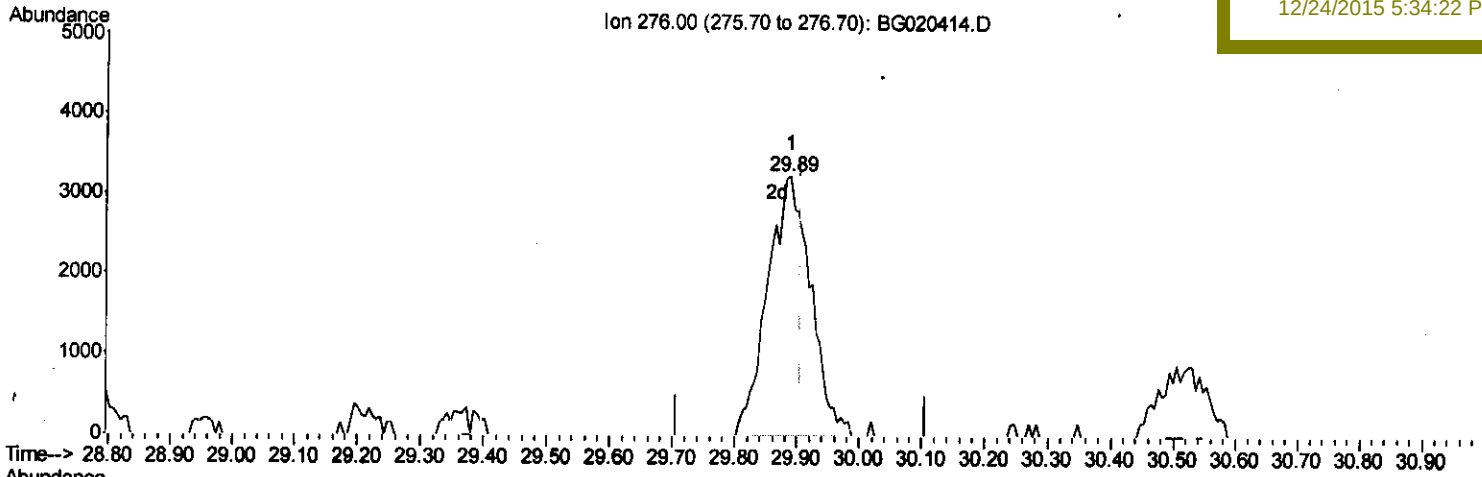
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Manual Integrations
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(94) Benzo(g,h,i)perylene

29.889min (-0.018) 1.73ng/ul m ^{U.M}
 12/31/15

response 15538

ion	Exp%	Act%
276.00	100	100
138.00	13.50	10.57#
277.00	24.90	22.77
0.00	0.00	0.00

Quantitation Report (Qedit)

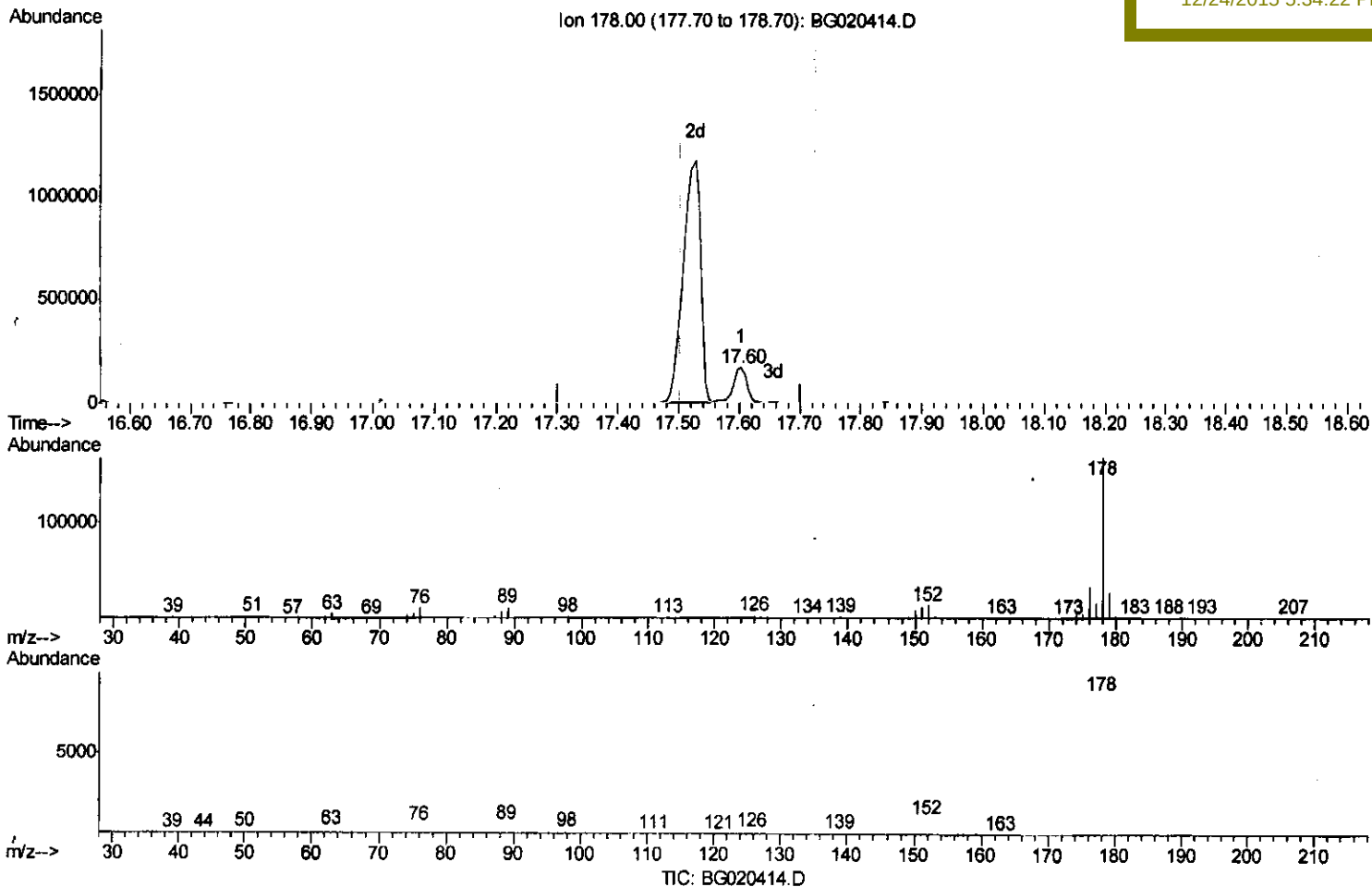
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 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 30 16:51:38 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
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Manual Integrations
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(70) Phenanthrene

17.603min (+0.100) 29.32ng/ul

response 264829

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.16
176.00	19.10	18.96
0.00	0.00	0.00

Quantitation Report (Qedit)

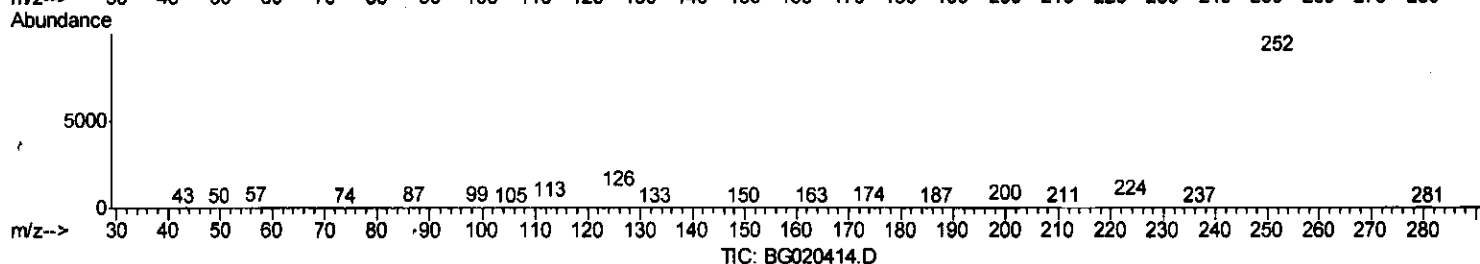
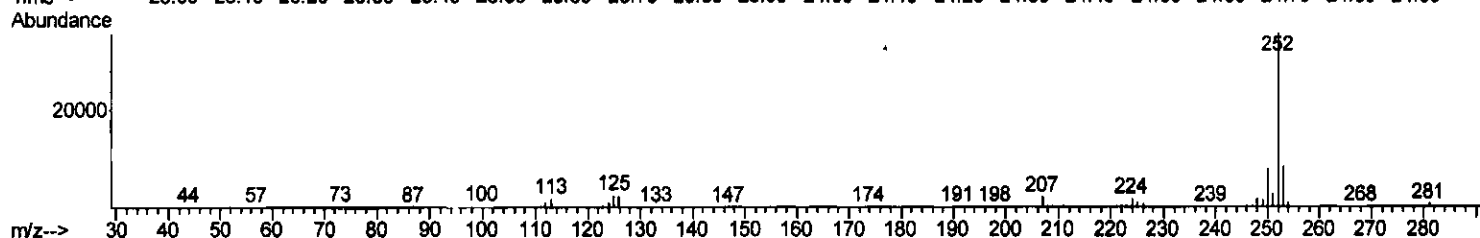
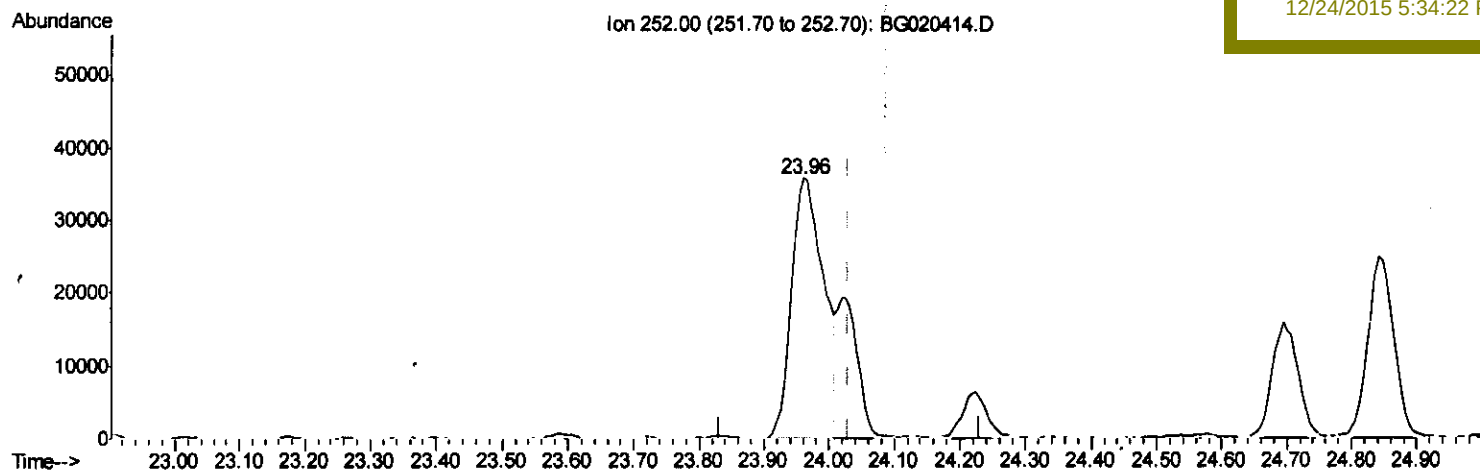
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(89) Benzo(k)fluoranthene

23.960min (-0.070) 13.11ng/ul

response 122208

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	23.54
125.00	7.20	7.34
0.00	0.00	0.00

Quantitation Report (Qedit)

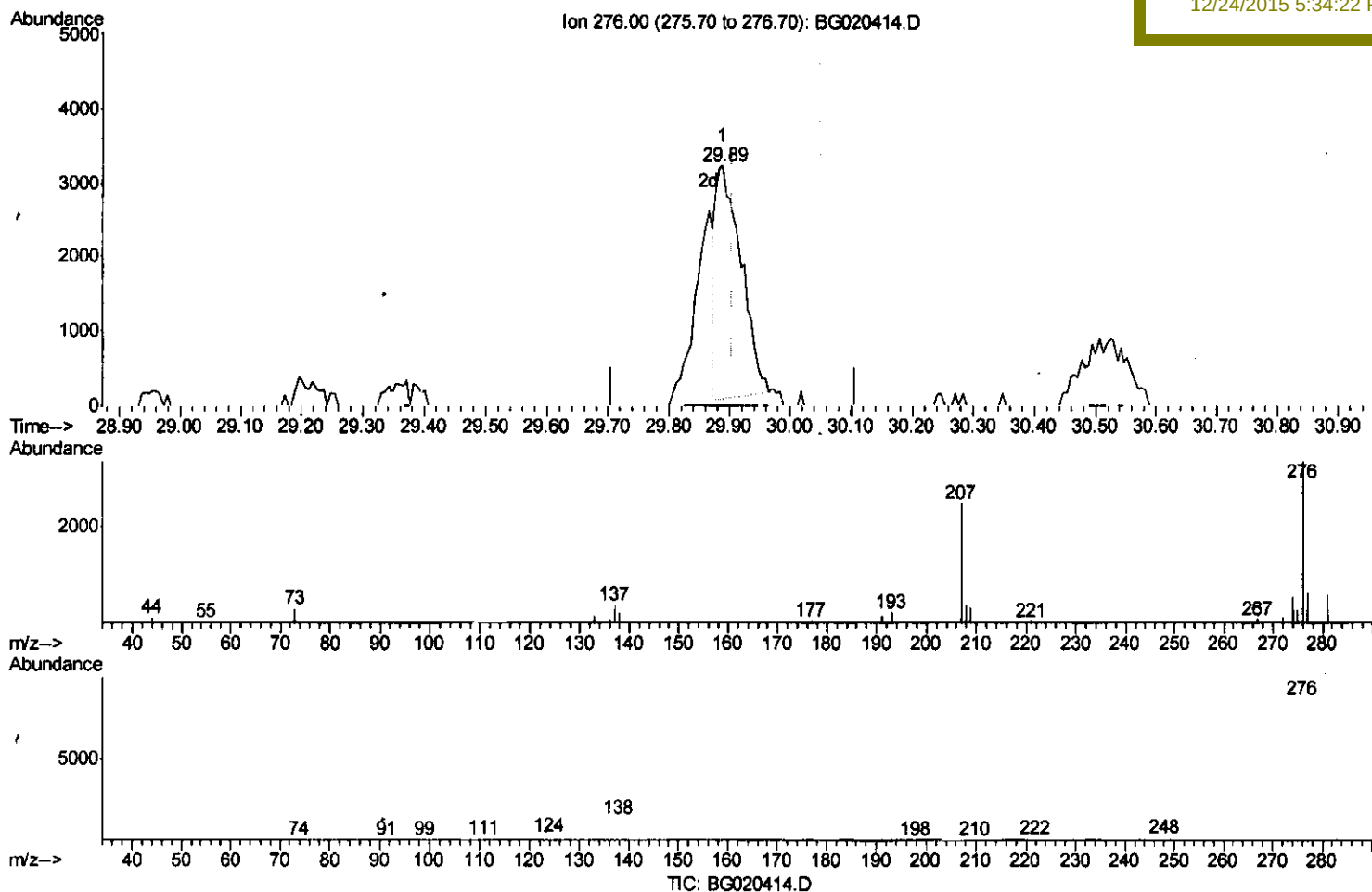
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(94) Benzo(g,h,i)perylene

29.889min (-0.017) 1.02ng/ul

response 9167

Ion	Exp%	Act%
276.00	100	100
138.00	13.50	10.57#
277.00	24.90	22.77
0.00	0.00	0.00