

Quantitation Report (QT Reviewed)

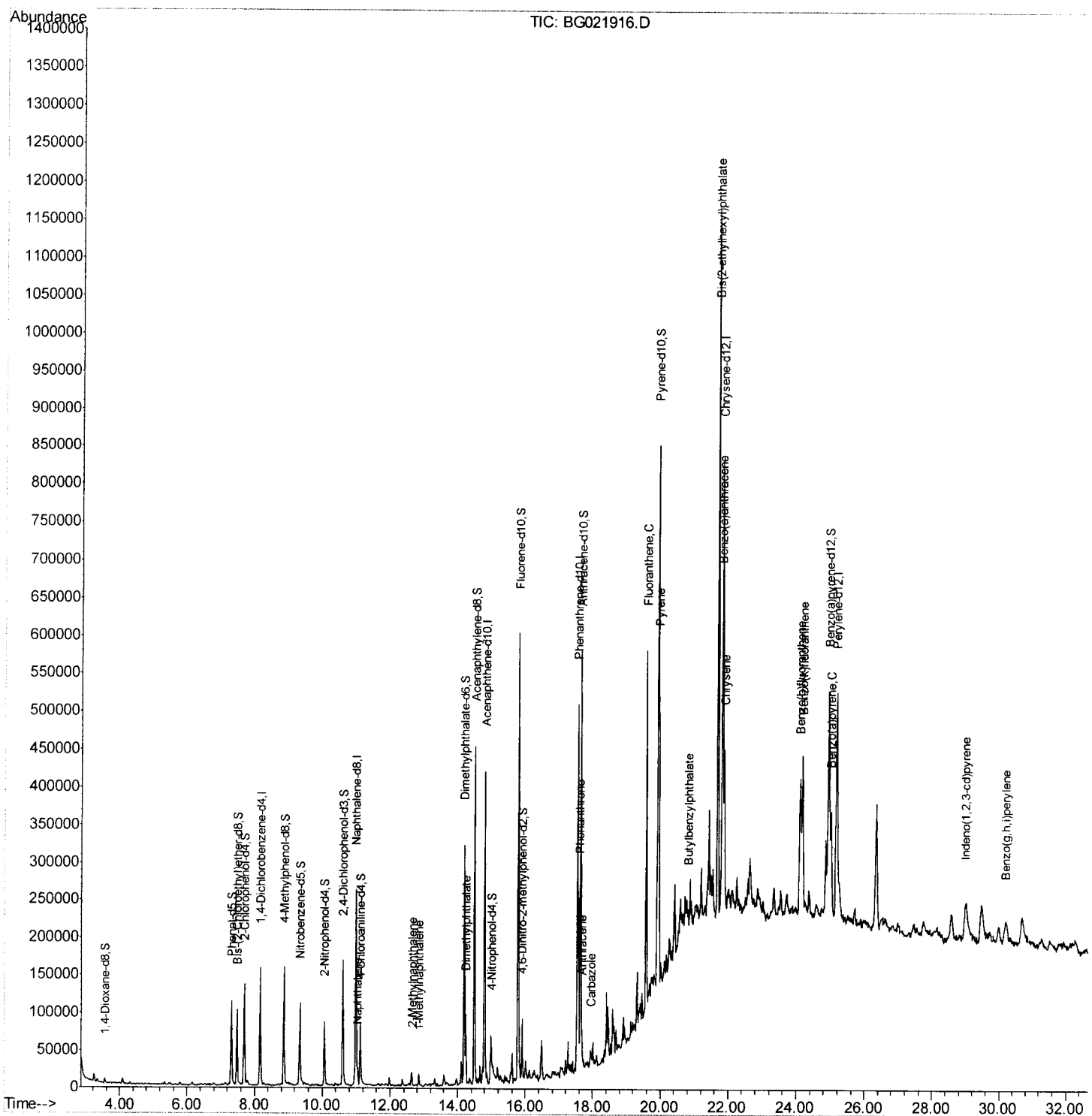
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021916.D
 Acq On : 16 May 2016 21:25
 Operator : UM/SJ
 Sample : H3095-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 D9XE4

Manual Integrations
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Quant Time: May 17 03:46:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 01:35:08 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

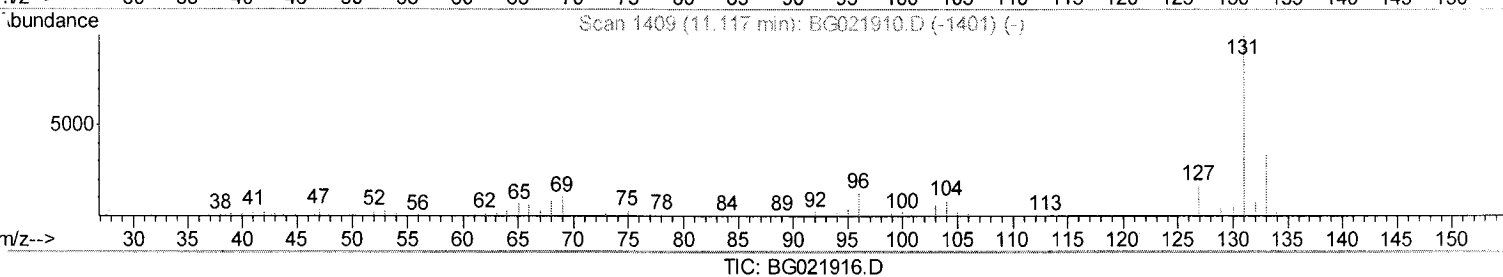
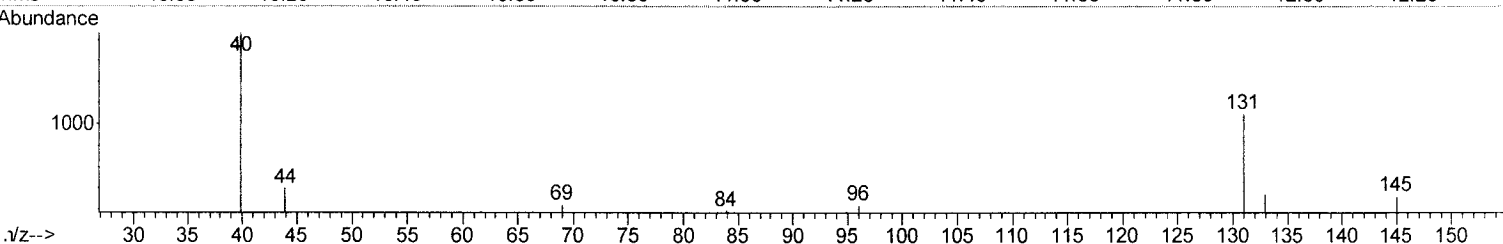
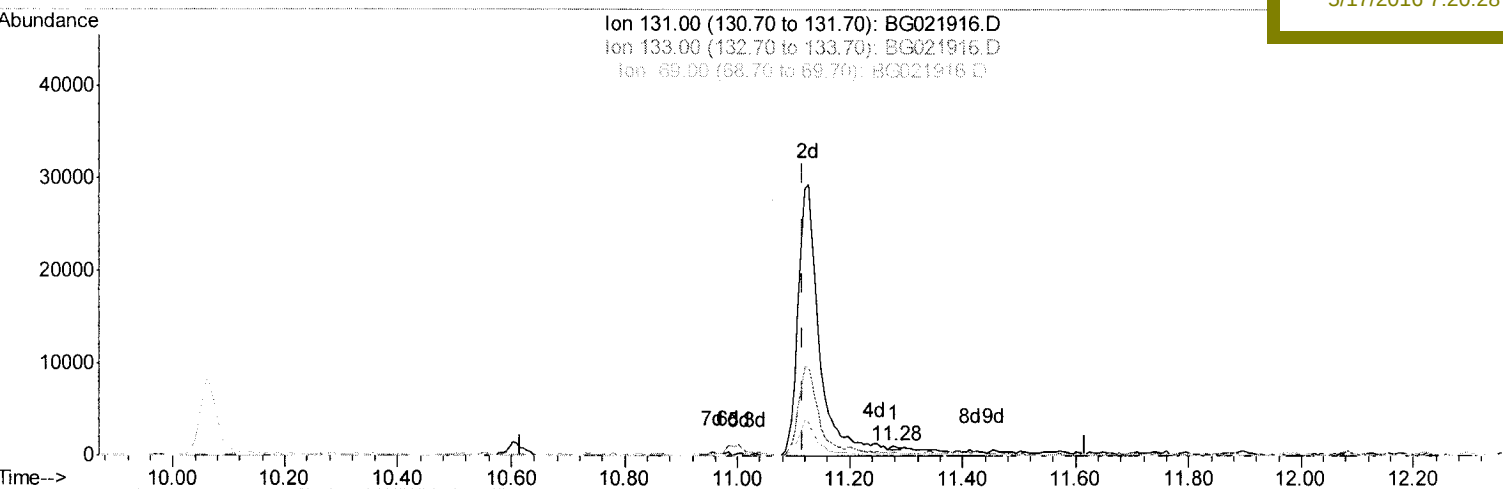
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(29) 4-Chloroaniline-d4 (S)

11.278min (+0.162) 0.12ng/ul

response 429

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	30.90
69.00	23.00	21.79
0.00	0.00	0.00

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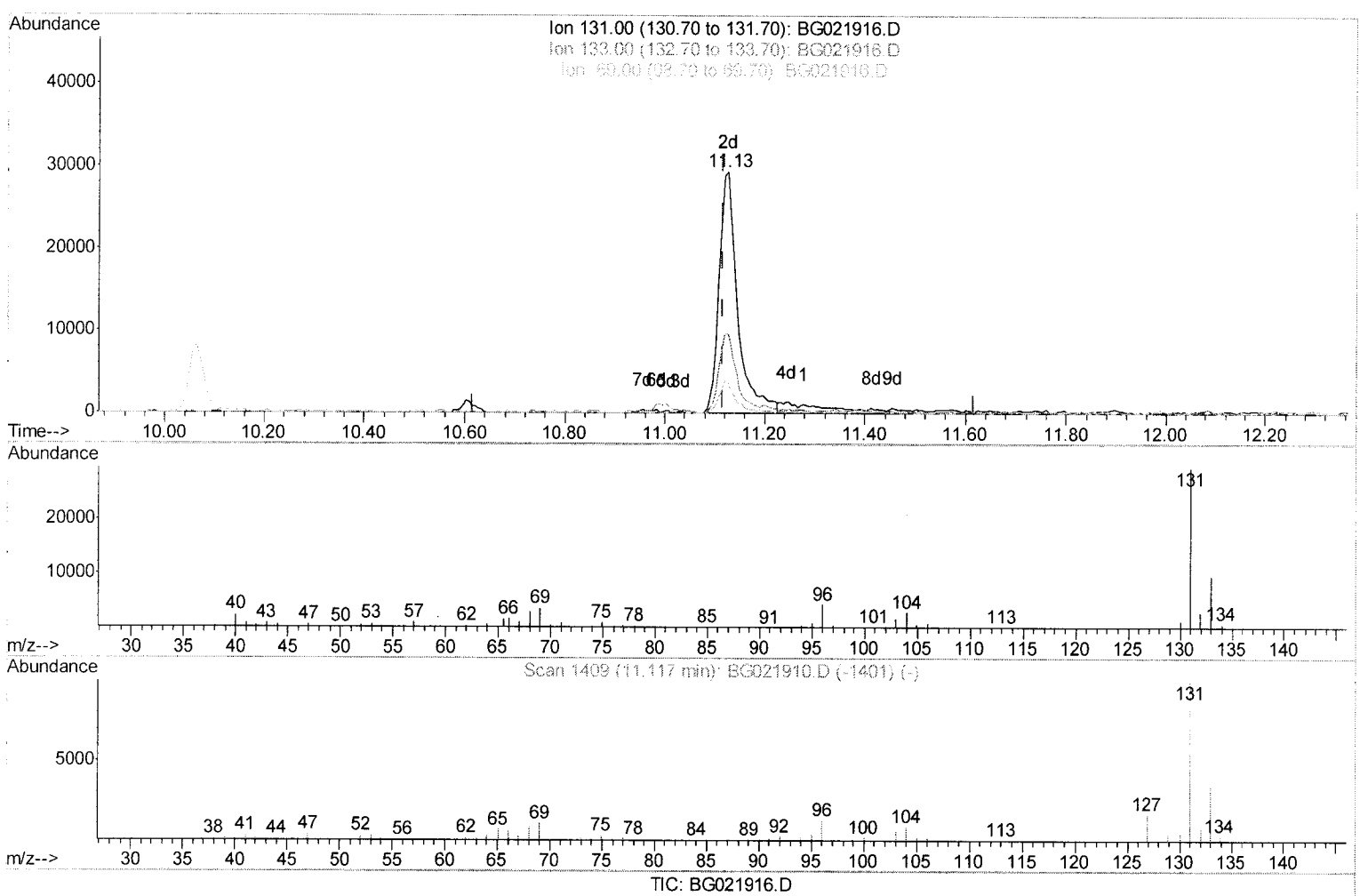
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(29) 4-Chloroaniline-d4 (S)

11.125min (+0.009) 20.17ng/ul m > $\frac{U.M}{05/18/16}$

response 75117

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	32.54
69.00	23.00	12.19#
0.00	0.00	0.00

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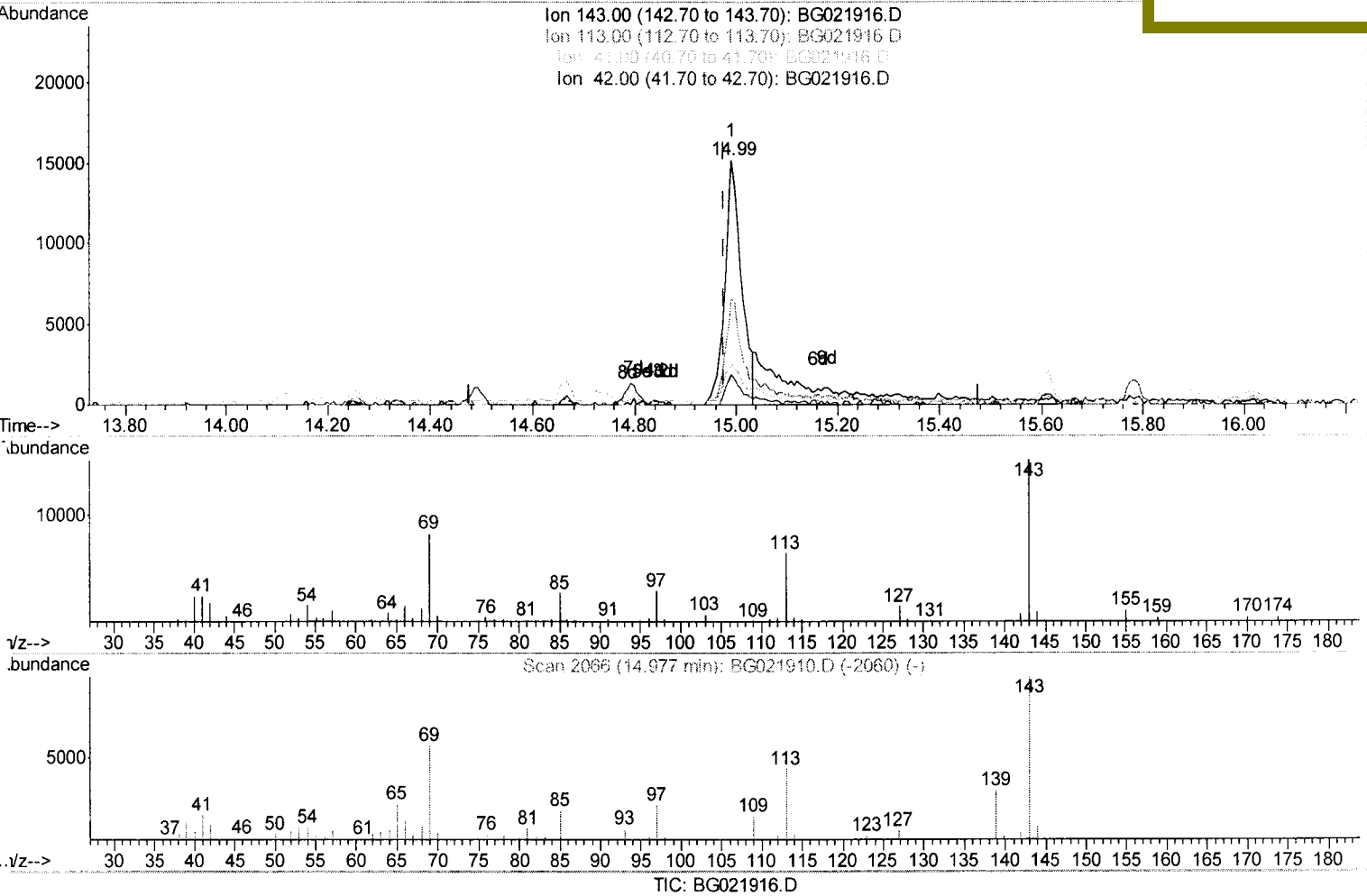
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(52) 4-Nitrophenol-d4 (S)

14.992min (+0.015) 17.09ng/ul

response 34554

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	43.00#
41.00	49.70	16.90#
42.00	33.70	12.32#

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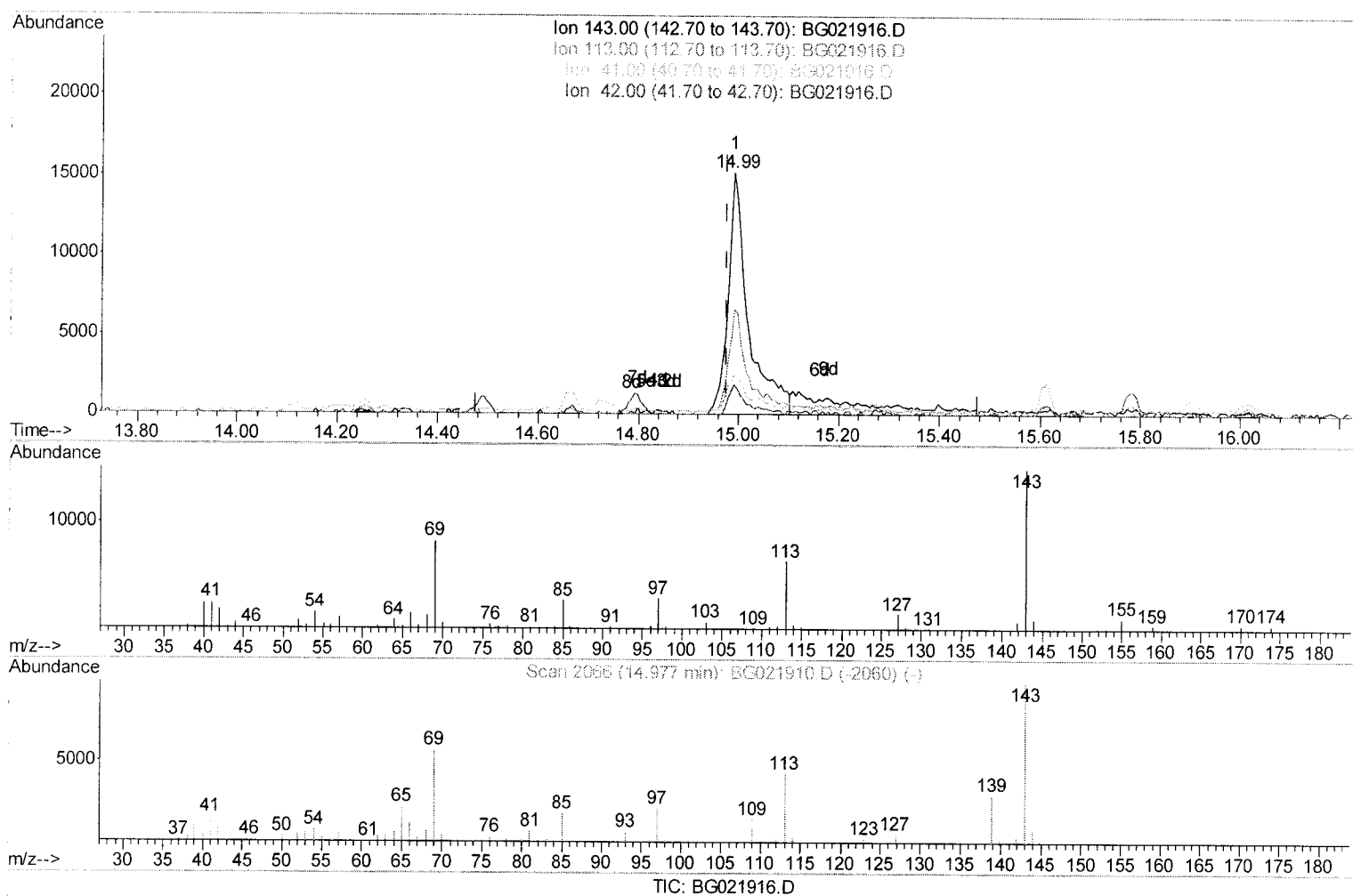
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(52) 4-Nitrophenol-d4 (S)

14.992min (+0.015) 21.37ng/ul m

response 43217

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	43.00#
41.00	49.70	16.90#
42.00	33.70	12.32#

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Quantitation Report (Qedit)

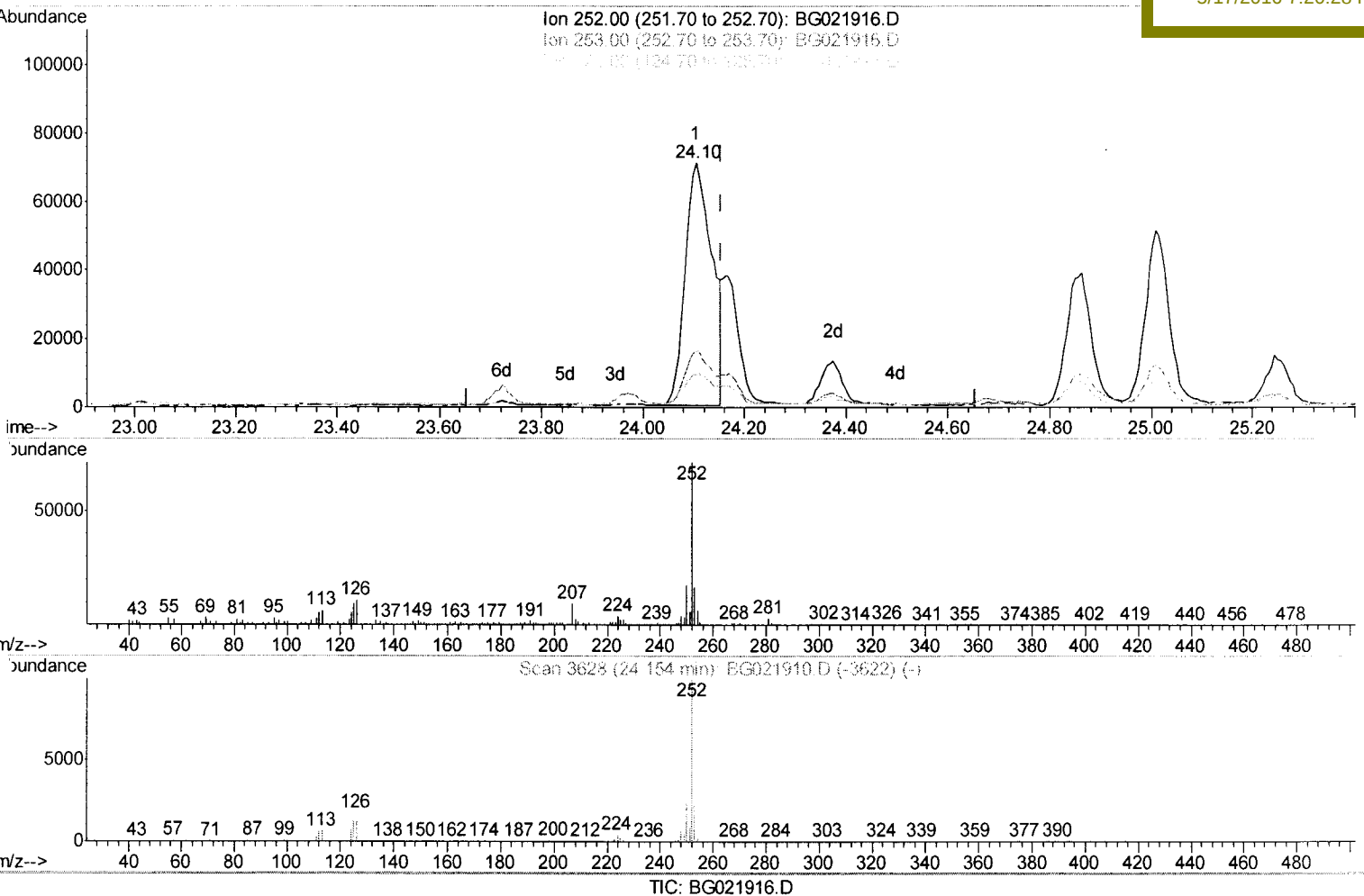
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(87) Benzo(k)fluoranthene

24.104min (-0.050) 13.08ng/ul

response 258442

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.38
125.00	9.60	13.46#
0.00	0.00	0.00

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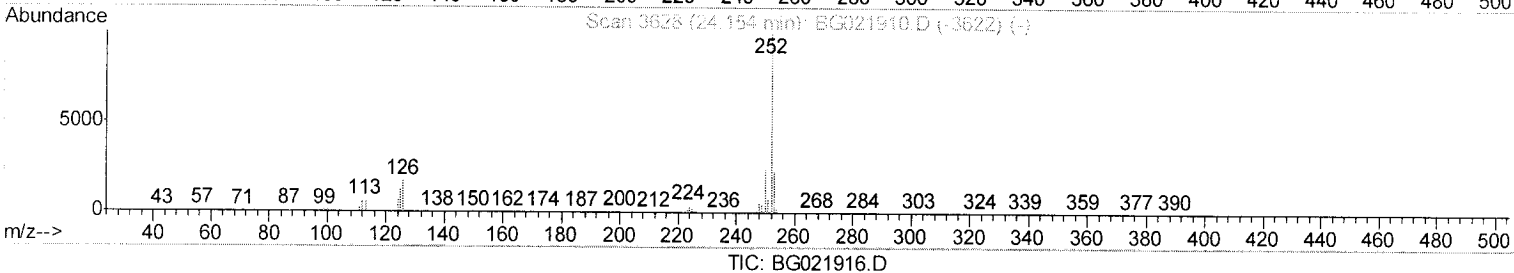
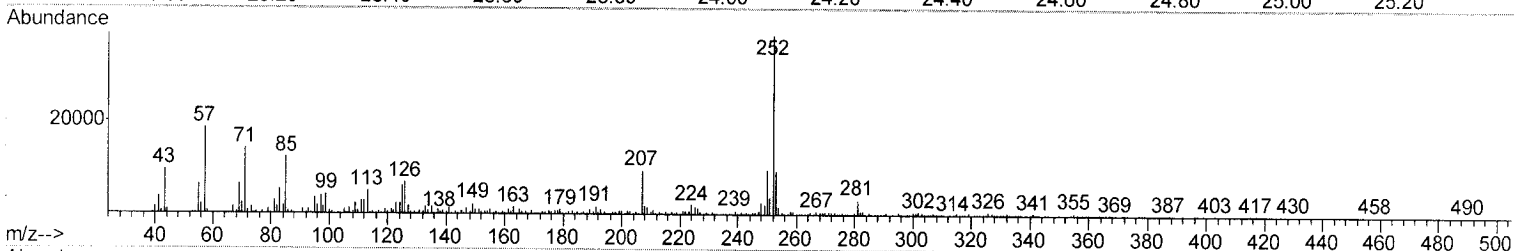
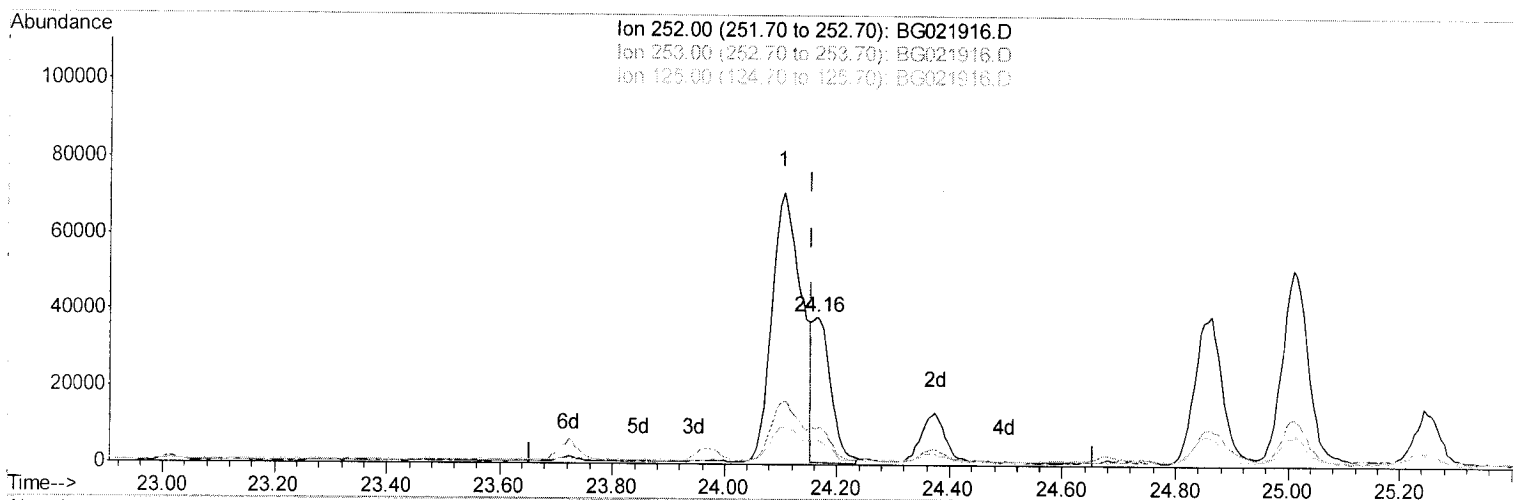
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TIC: BG021916.D

(87) Benzo(k)fluoranthene

24.163min (+0.009) 4.32ng/ul m

> $\frac{U.M}{05/18/16}$

response 85410

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.49
125.00	9.60	16.24#
0.00	0.00	0.00

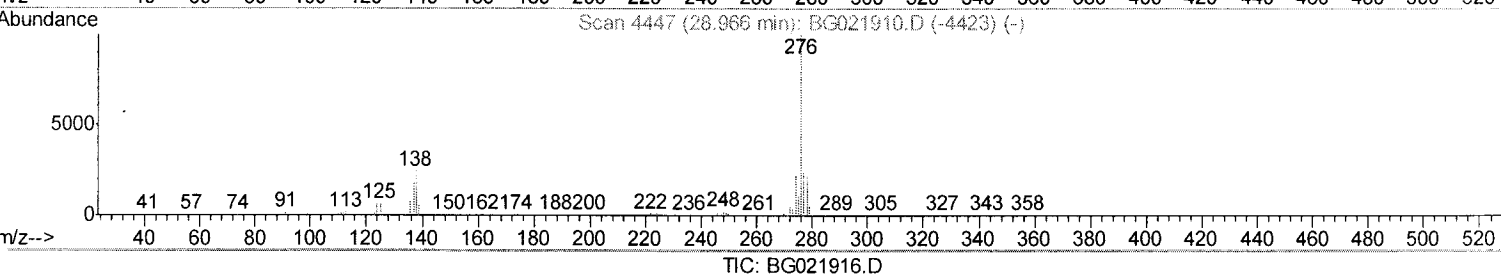
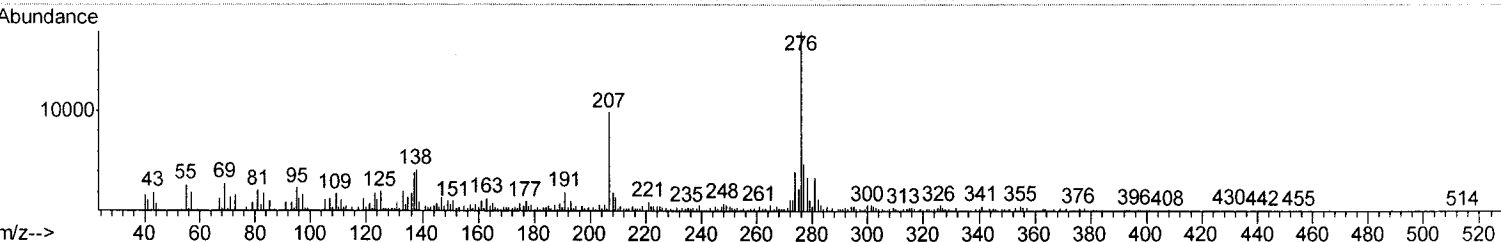
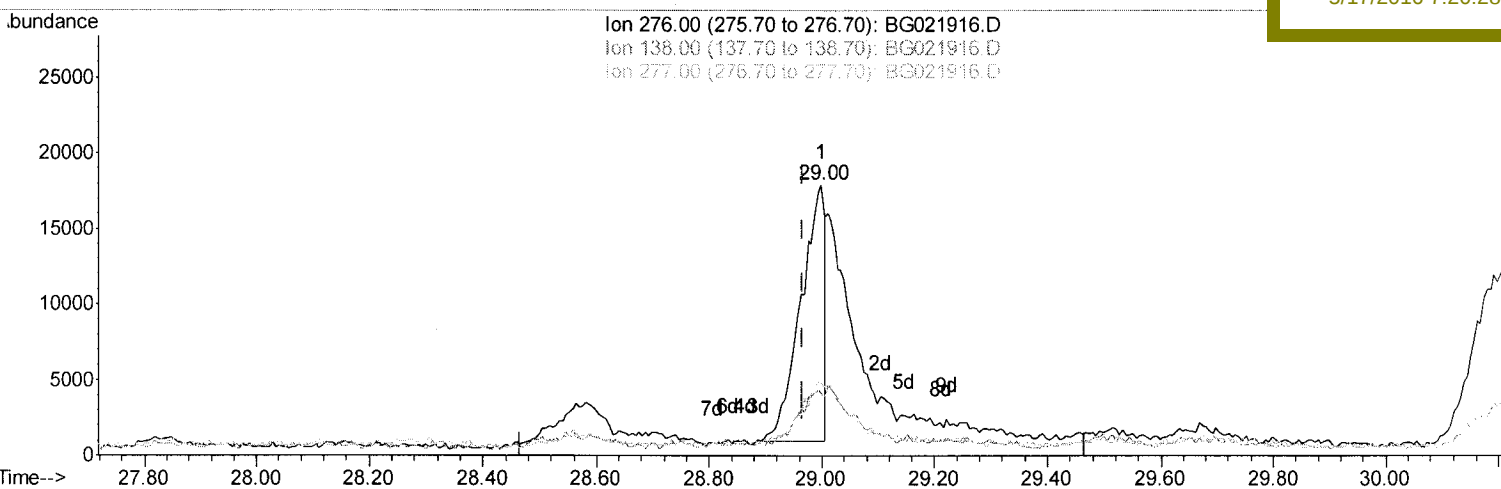
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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(90) Indeno(1,2,3-cd)pyrene

28.999min (+0.032) 2.28ng/ul

response 49628

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	23.40
277.00	23.80	26.93
0.00	0.00	0.00

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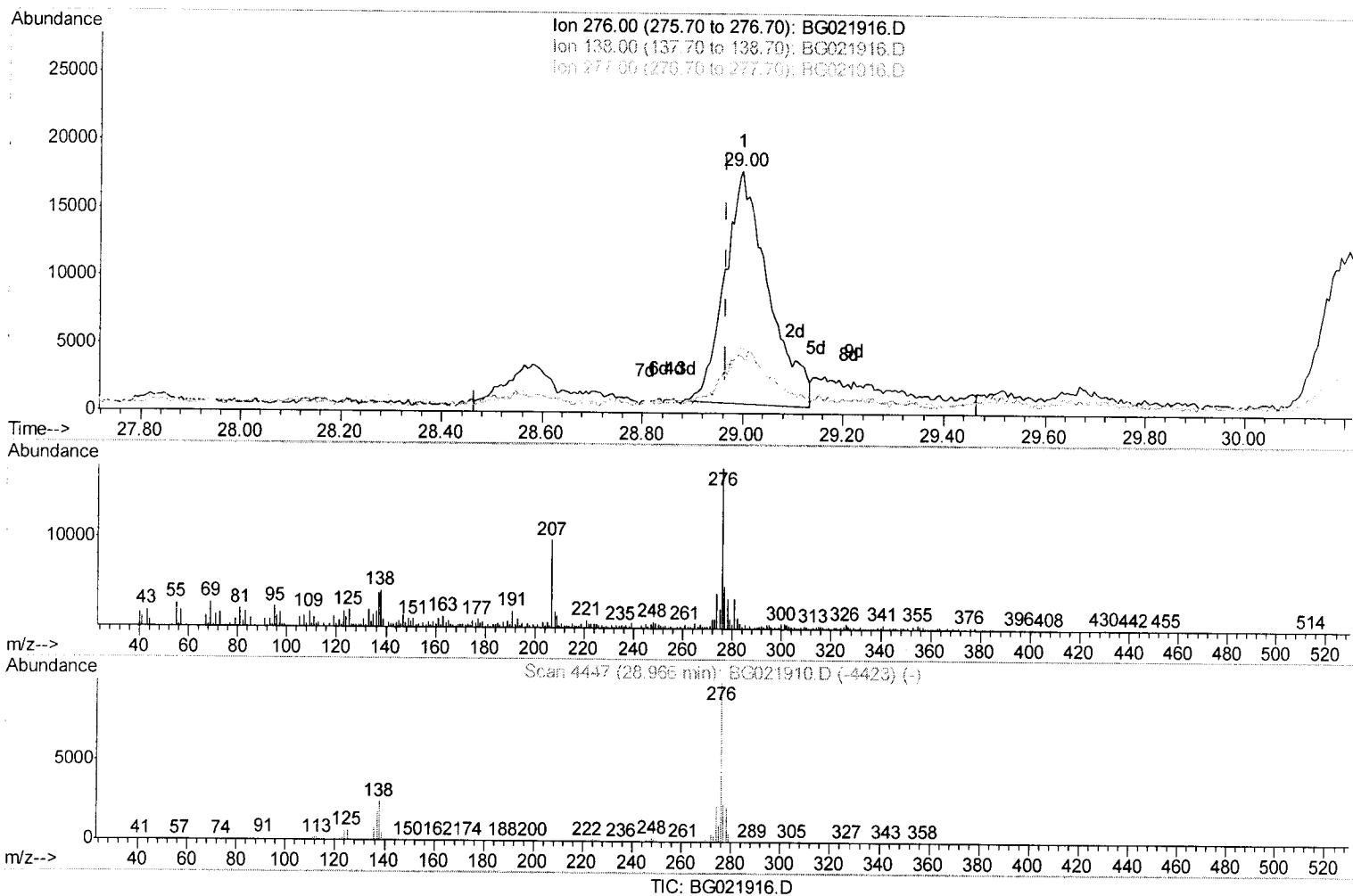
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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(90) Indeno(1,2,3-cd)pyrene

28.999min (+0.032) 4.78ng/ul m

response 104015

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	23.40
277.00	23.80	26.93
0.00	0.00	0.00

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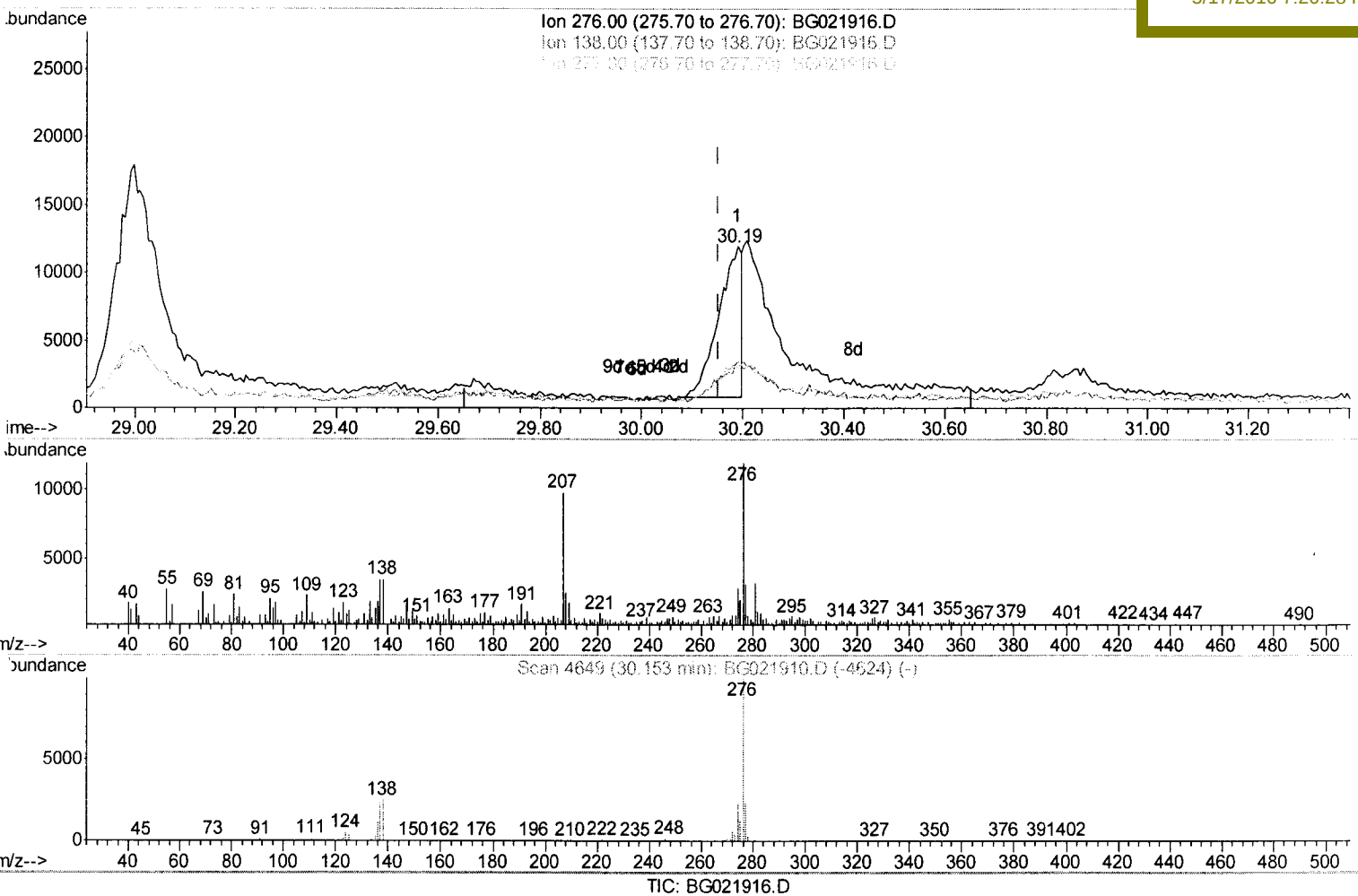
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(92) Benzo(g,h,i)perylene

30.191min (+0.038) 1.94ng/ul

response 34950

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	29.10#
277.00	24.70	26.05
0.00	0.00	0.00

Quantitation Report (Qedit)

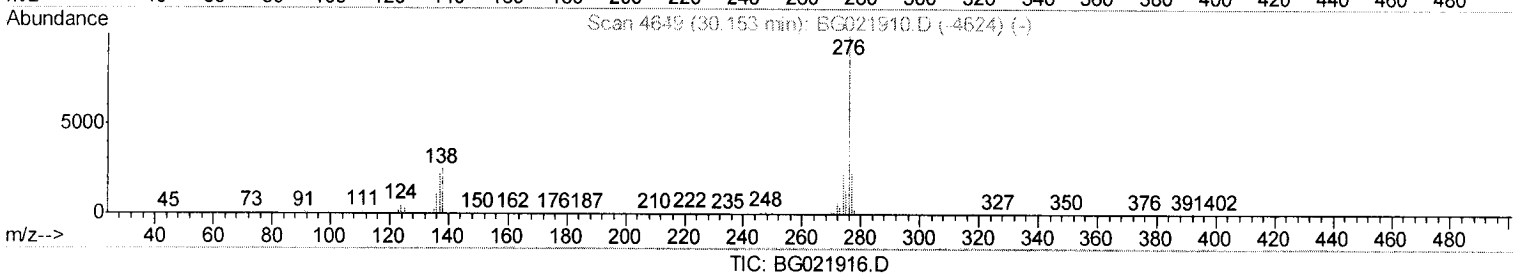
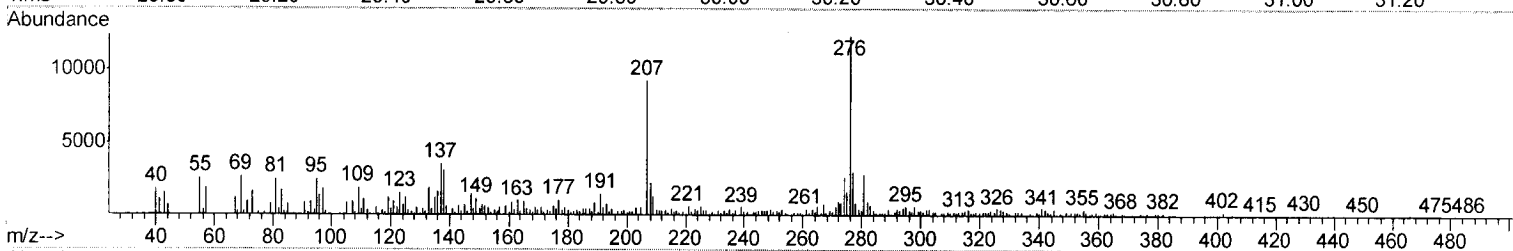
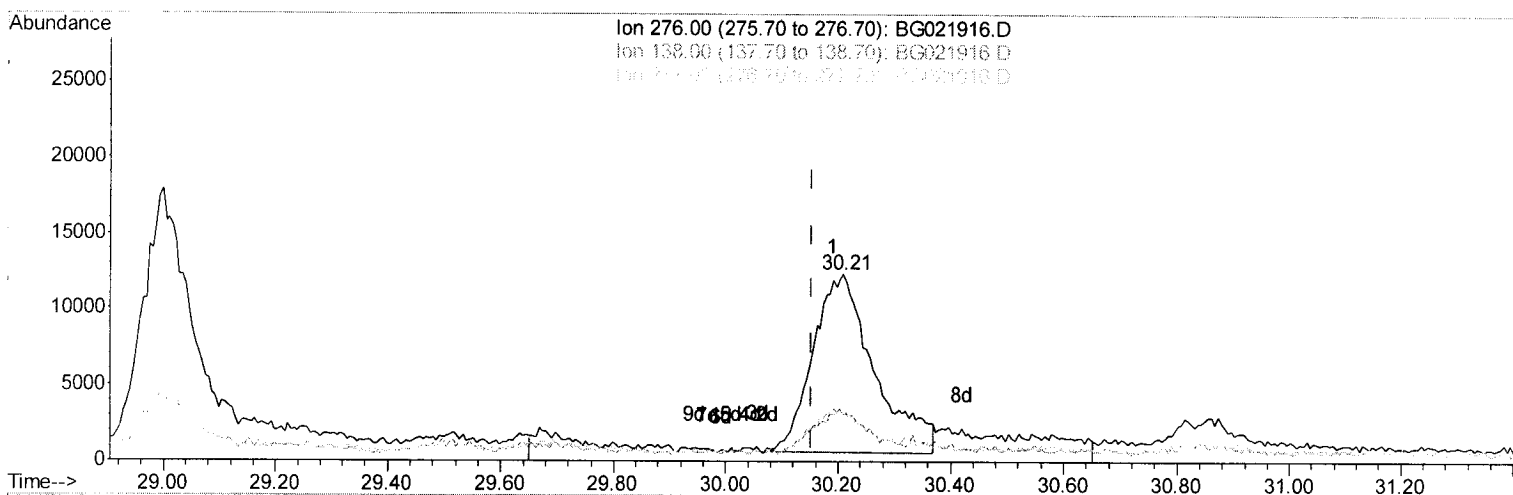
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(92) Benzo(g,h,i)perylene

30.209min (+0.056) 4.96ng/ul m

response 89120

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.33#
277.00	24.70	25.04
0.00	0.00	0.00

> $\frac{0.7}{0.5/12/16}$

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	62808	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	294363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	167953	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	339154	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	329001	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	322498	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5074	3.90	ng/uL	0.00
5) Phenol-d5	7.32	99	109200	23.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	49978	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	99744	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	91095	23.27	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	50118	25.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	55724	45.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	97833	28.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	75117m	20.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	295344	25.04	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	412156	24.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	43217m	21.37	ng/ul	0.01
58) Fluorene-d10	15.78	176	276130	22.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	28884	30.74	ng/ul	0.00
71) Anthracene-d10	17.64	188	377238	22.85	ng/ul	0.00
77) Pyrene-d10	19.92	212	389735	25.31	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	365985	23.88	ng/ul	0.02

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Target Compounds

					Ovalue	
28) Naphthalene	11.04	128	21006	1.42	ng/ul	98
34) 2-Methylnaphthalene	12.64	142	13192	1.21	ng/ul	93
35) 1-Methylnaphthalene	12.85	142	10923	1.01	ng/ul#	98
45) Dimethylphthalate	14.23	163	74647	6.21	ng/ul	99
70) Phenanthrene	17.58	178	168692	9.10	ng/ul	96
72) Anthracene	17.67	178	28950	1.54	ng/ul	99
73) Carbazole	17.94	167	16998	1.04	ng/ul	96
75) Fluoranthene	19.58	202	323764	15.37	ng/ul	96
78) Pyrene	19.94	202	279606	14.69	ng/ul	96
79) Butylbenzylphthalate	20.81	149	6253	1.49	ng/ul#	82
81) Benzo(a)anthracene	21.80	228	163208	8.91	ng/ul	95
82) Bis(2-ethylhexyl)phthalate	21.69	149	528721	76.97	ng/ul	94
83) Chrysene	21.87	228	167626	9.26	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	258442	14.00	ng/ul#	96
87) Benzo(k)fluoranthene	24.16	252	85410m	4.32	ng/ul	
89) Benzo(a)pyrene	25.01	252	155291	8.45	ng/ul#	93
90) Indeno(1,2,3-cd)pyrene	29.00	276	104015m	4.78	ng/ul	
92) Benzo(a,h,i)perylene	30.21	276	89120m	4.96	ng/ul	

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