

Quantitation Report (QT Reviewed)

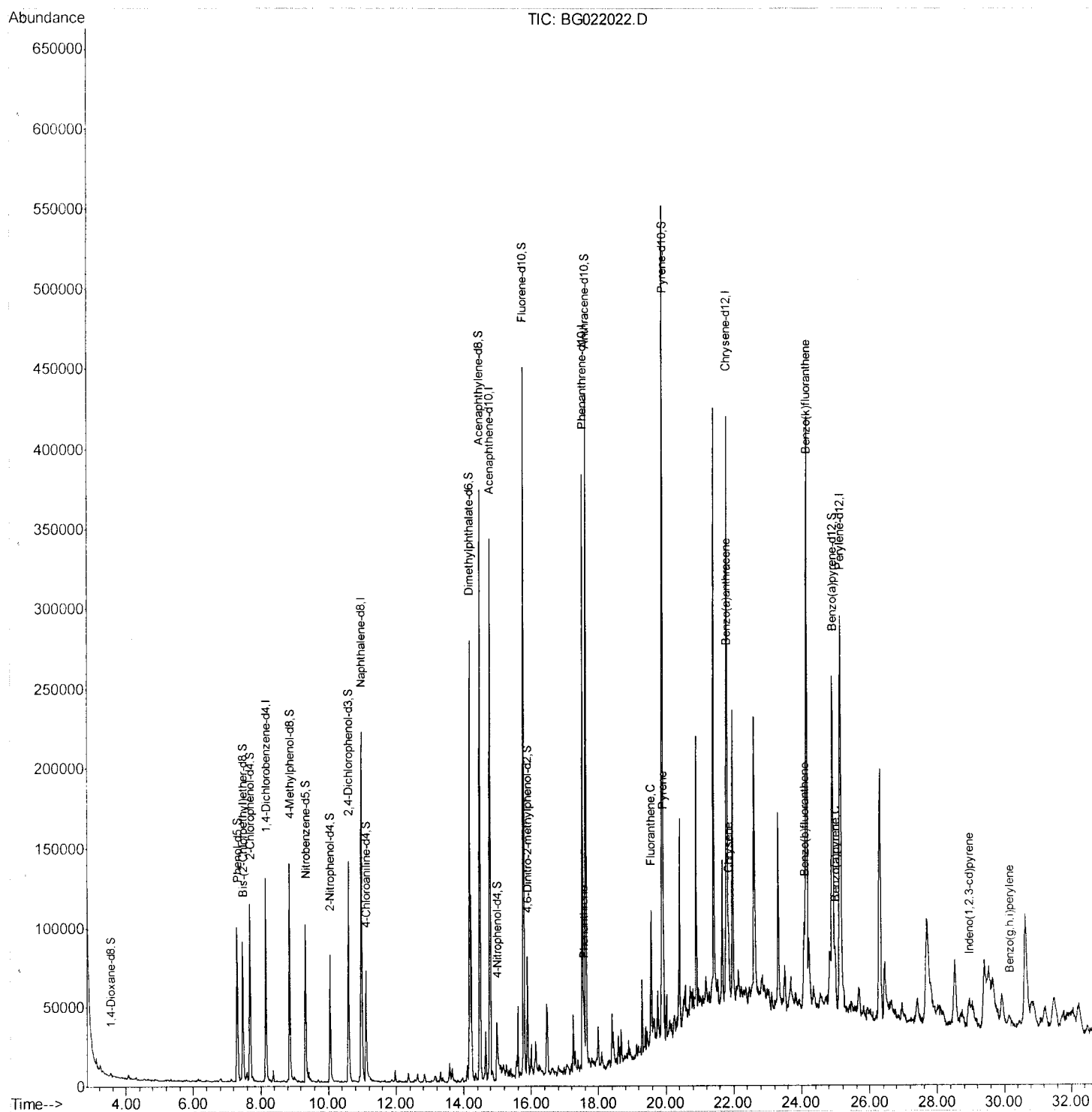
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022022.D
 Acq On : 22 May 2016 21:23
 Operator : UM/SJ
 Sample : H3204-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XQ0

Manual Integrations
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Quant Time: May 24 10:59:17 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 08:11:42 2016
 Response via : Initial Calibration



Quantitation Report (Qedit)

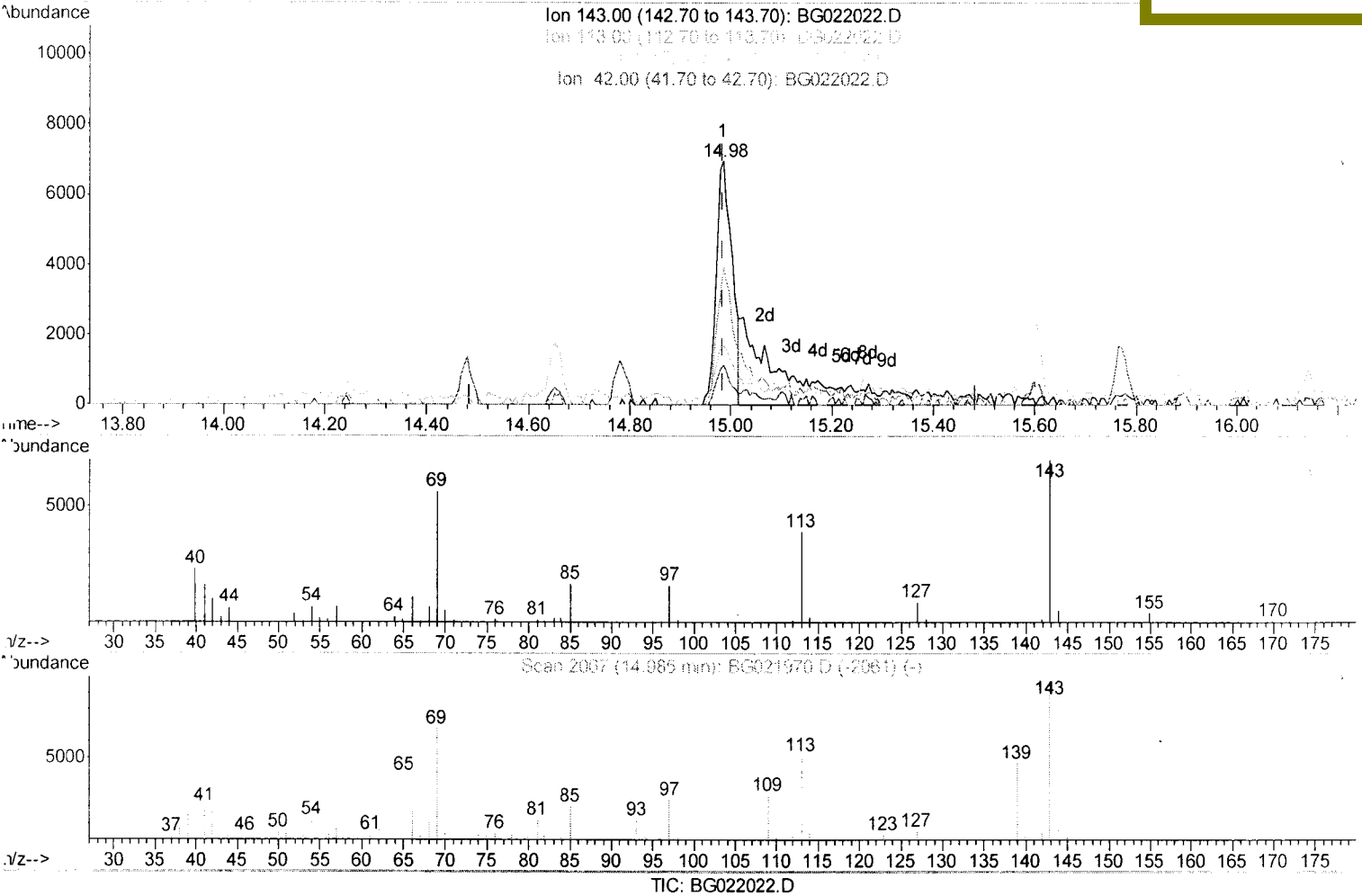
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Quant Time: May 24 10:52:12 2016
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(20) 4-Nitrophenol-d4 (S)

14.985min (+0.000) 8.58ng/ul

response 14977

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	56.70#
41.00	49.70	24.12#
42.00	33.70	16.58#

Quantitation Report (Qedit)

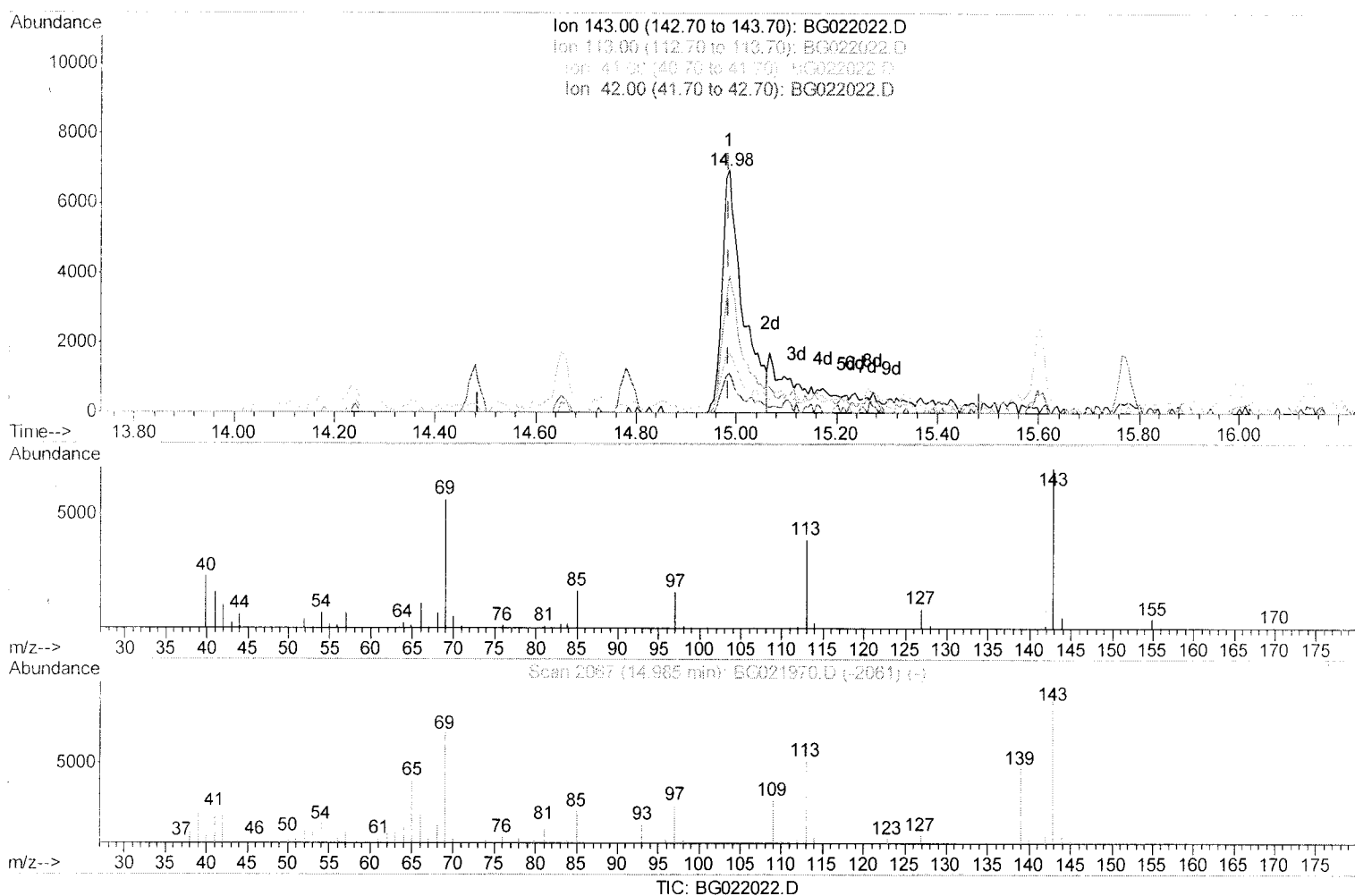
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(20) 4-Nitrophenol-d4 (S)

14.985min (+0.000) 11.44ng/ul m

0.11
 05/25/16

response 19969

Ion	Exp%	Act%
143.00	100	100
113.00	102.70	56.70#
41.00	49.70	24.12#
42.00	33.70	16.58#

Quantitation Report (Qedit)

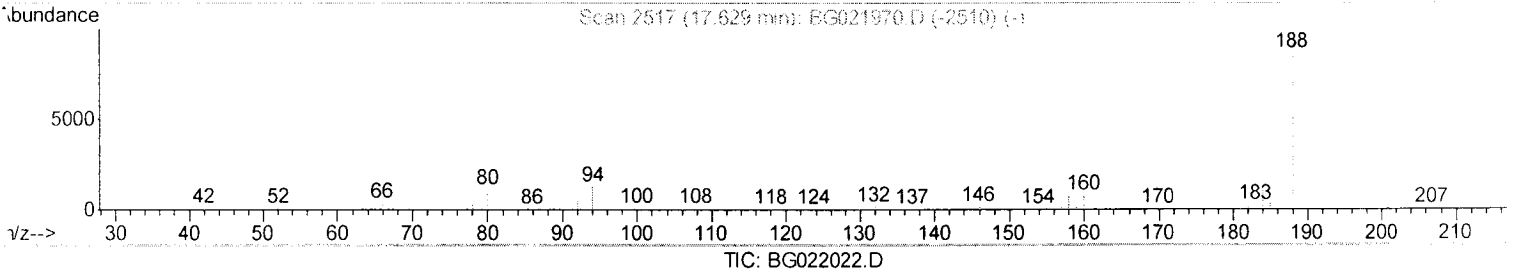
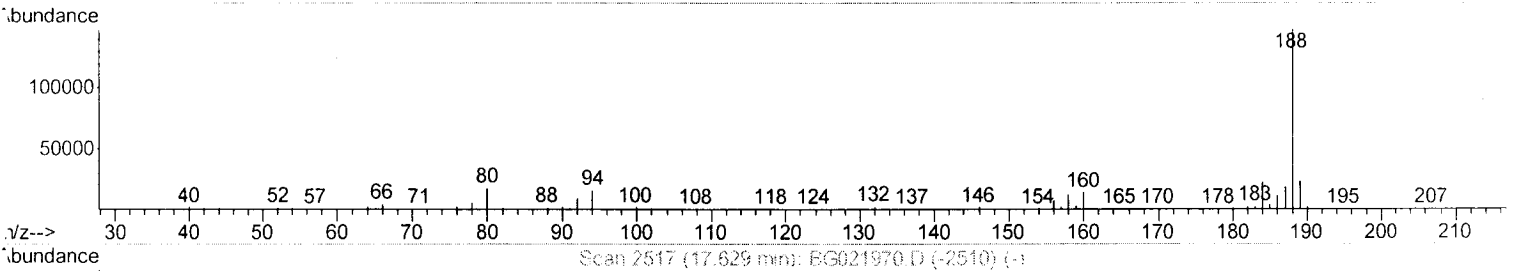
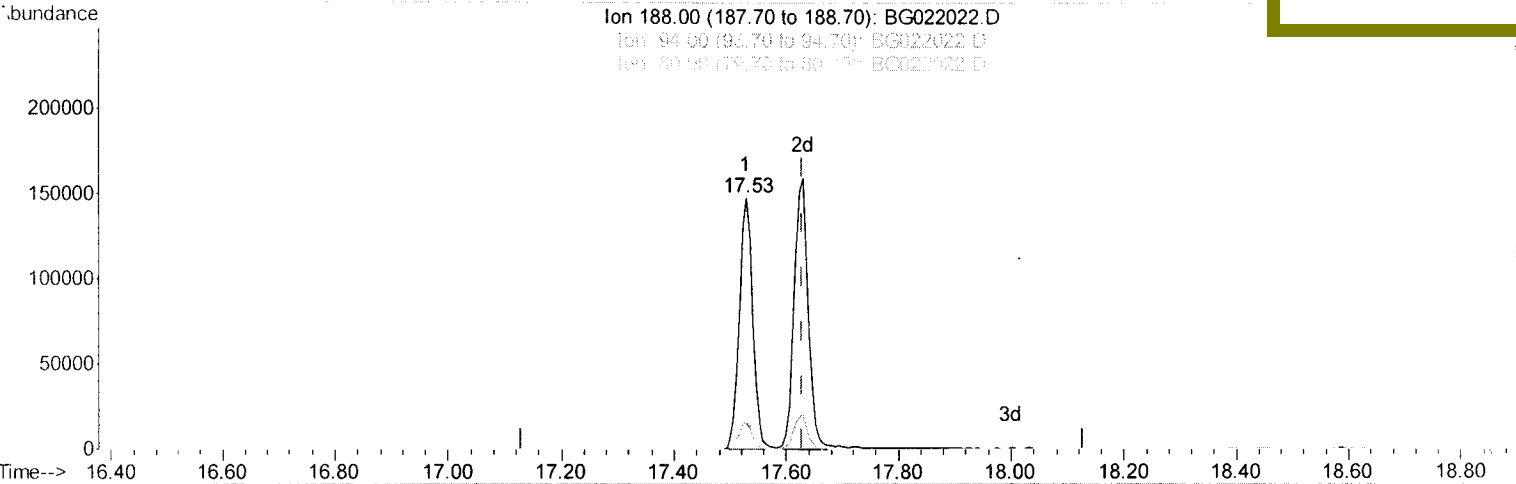
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(26) Anthracene-d10 (S)

17.529min (-0.100) 21.70ng/ul

response 245299

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	10.44
80.00	10.80	11.96
0.00	0.00	0.00

Quantitation Report (Qedit)

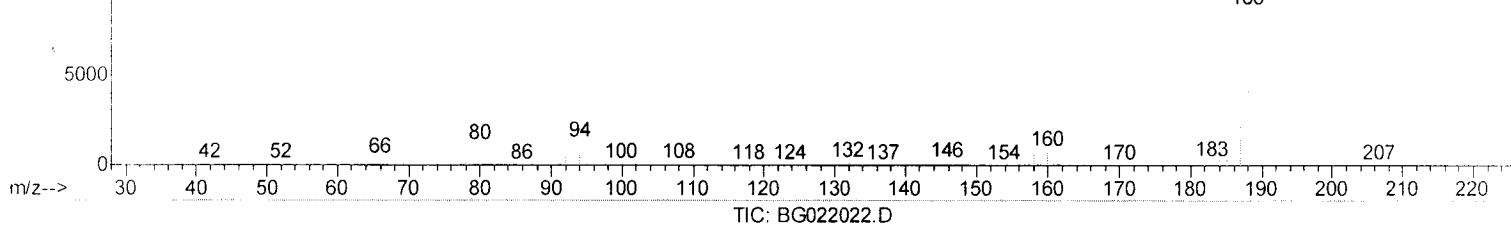
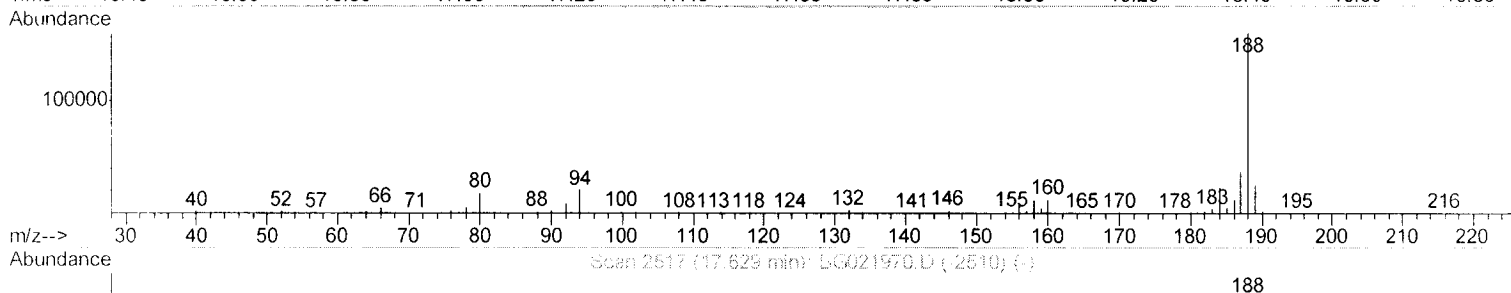
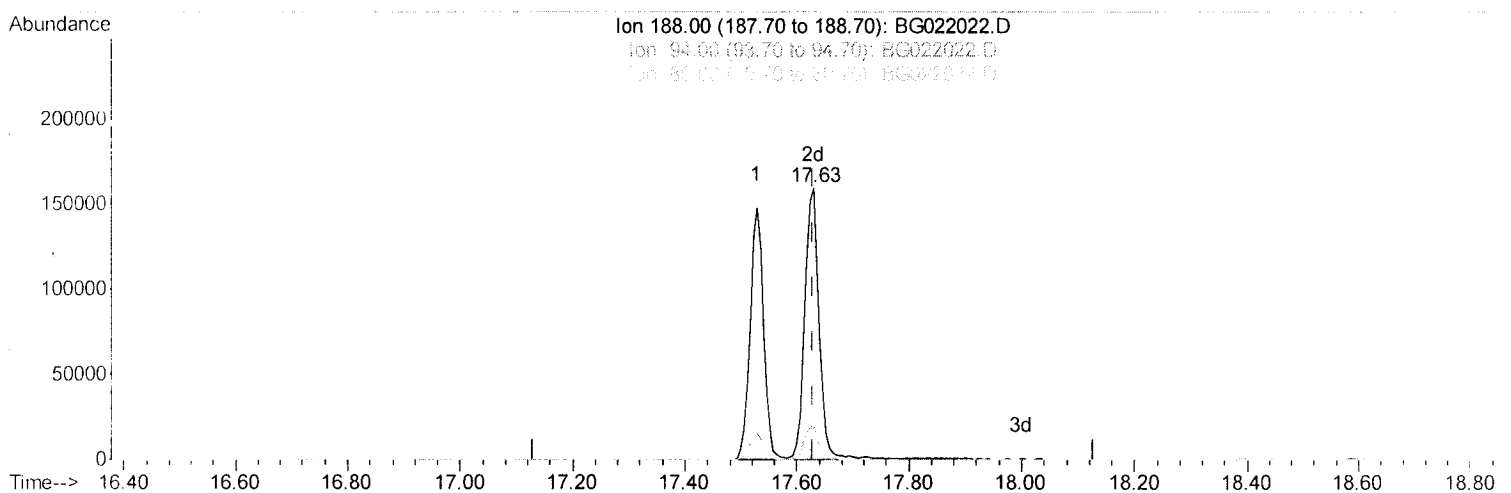
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(26) Anthracene-d10 (S)

17.629min (+0.000) 24.54ng/ul m > 0.m.
 response 277352 05/25/16

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	12.91#
80.00	10.80	11.23
0.00	0.00	0.00

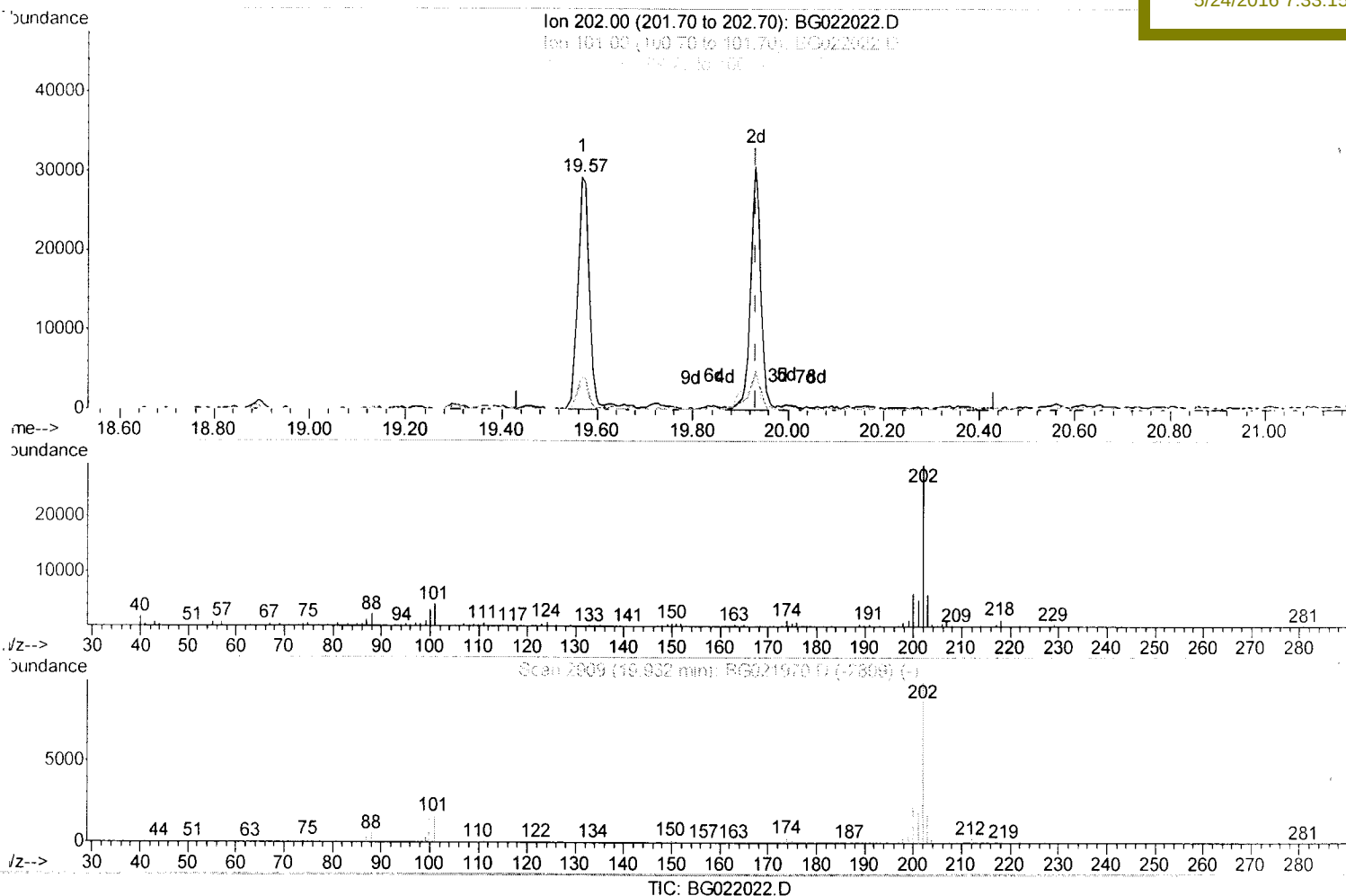
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(31) Pyrene

19.568min (-0.364) 3.17ng/ul

response 47994

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	13.98
100.00	11.60	10.60
0.00	0.00	0.00

Quantitation Report (Qedit)

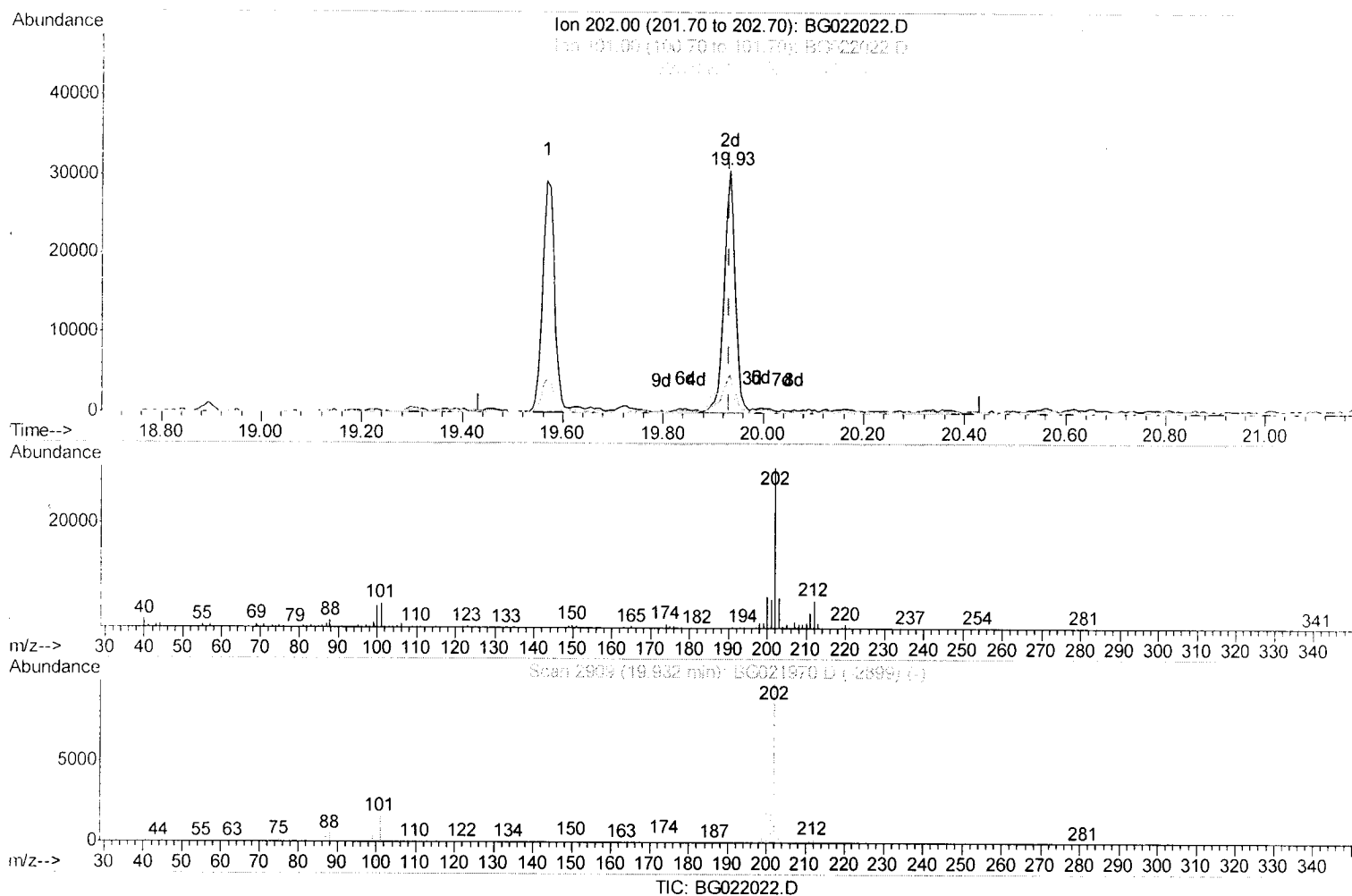
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(31) Pyrene

19.932min (+0.000) 3.09ng/ul m

response 46771

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	15.83#
100.00	11.60	14.16#
0.00	0.00	0.00

u.m.
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Quantitation Report (Qedit)

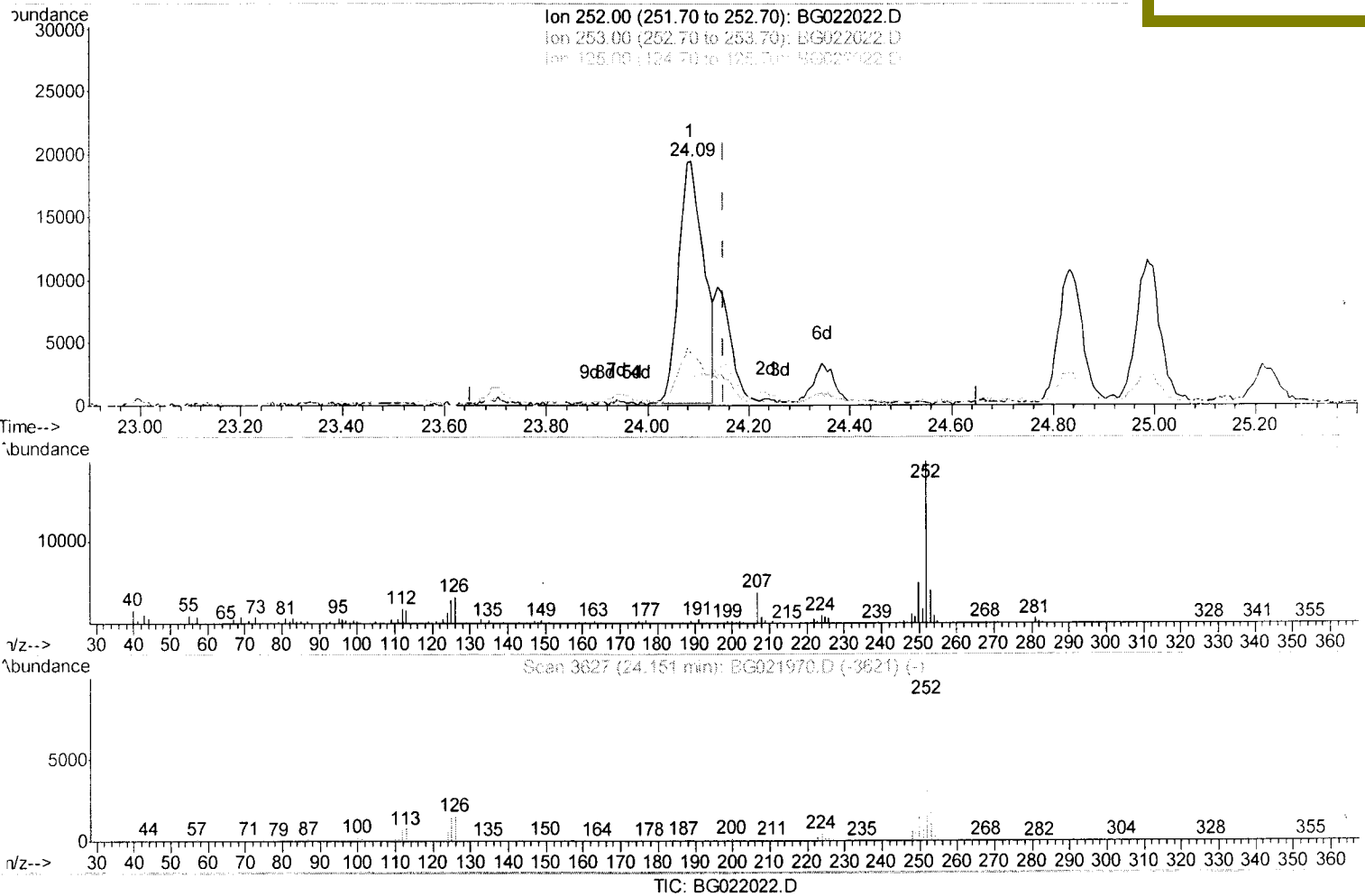
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022022.D
 Acq On : 22 May 2016 21:23
 Operator : UM/SJ
 Sample : H3204-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XQ0

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(36) Benzo(k)fluoranthene

24.086min (-0.065) 5.56ng/ul

response 65477

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	21.47
125.00	9.60	14.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

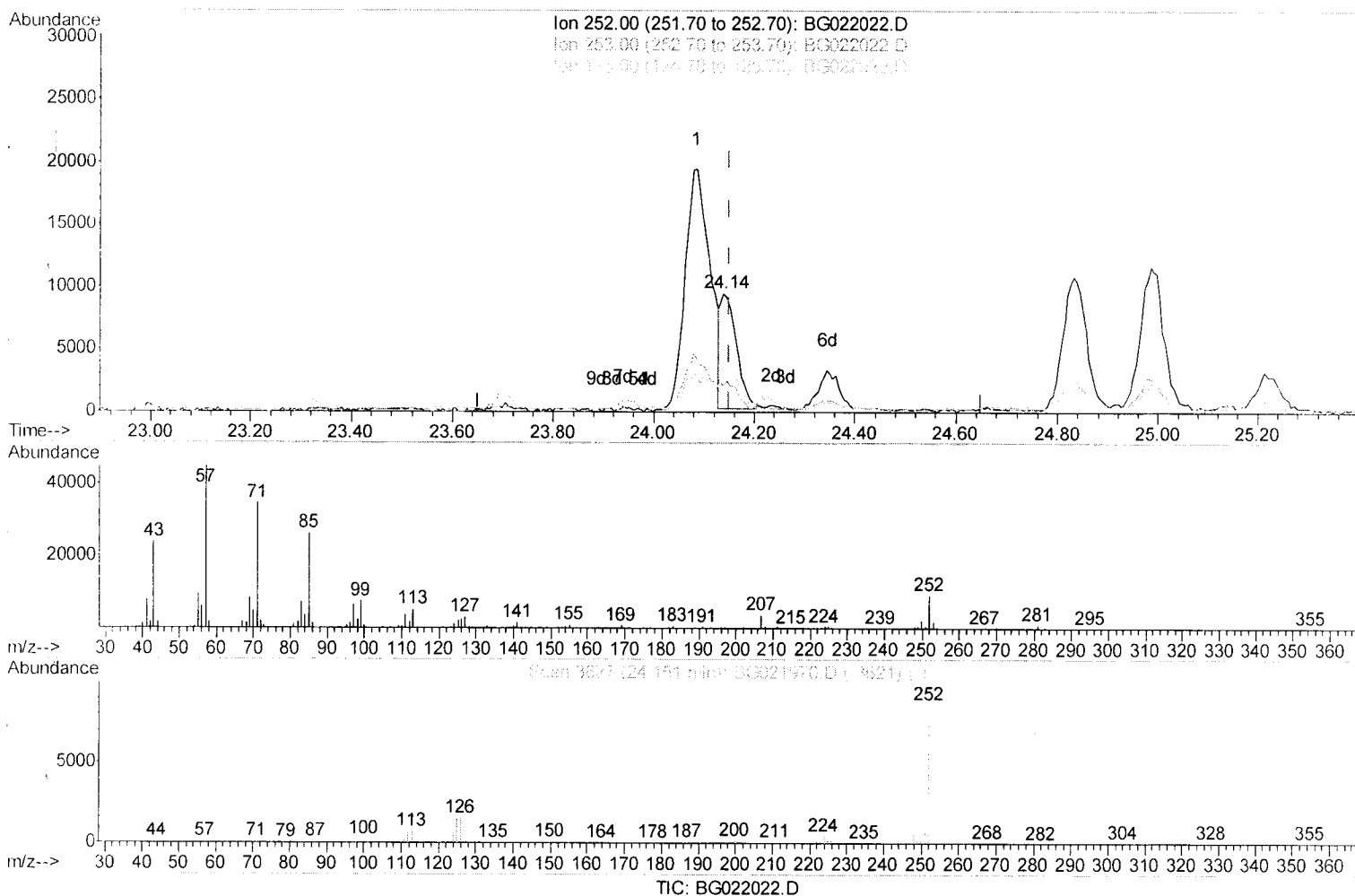
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
 Data File : BG022022.D
 Acq On : 22 May 2016 21:23
 Operator : UM/SJ
 Sample : H3204-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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(36) Benzo(k)fluoranthene

24.139min (-0.012) 1.75ng/ul m > u.m.
 response 20576 05/25/16

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.61
125.00	9.60	25.07#
0.00	0.00	0.00

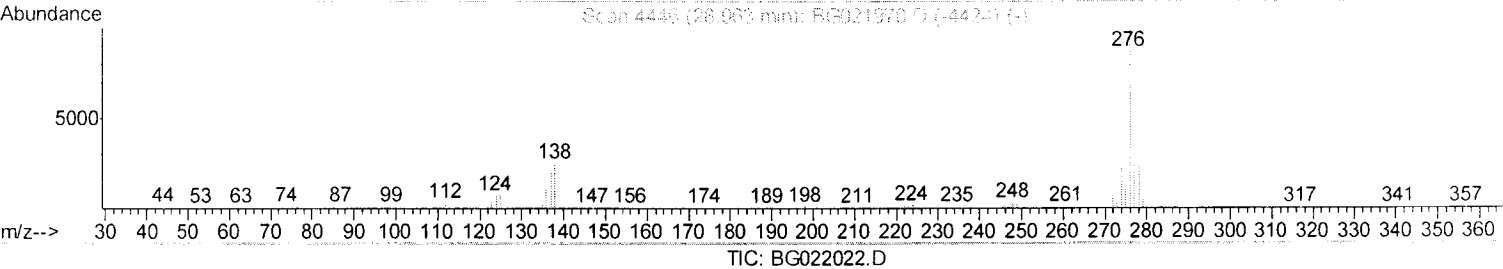
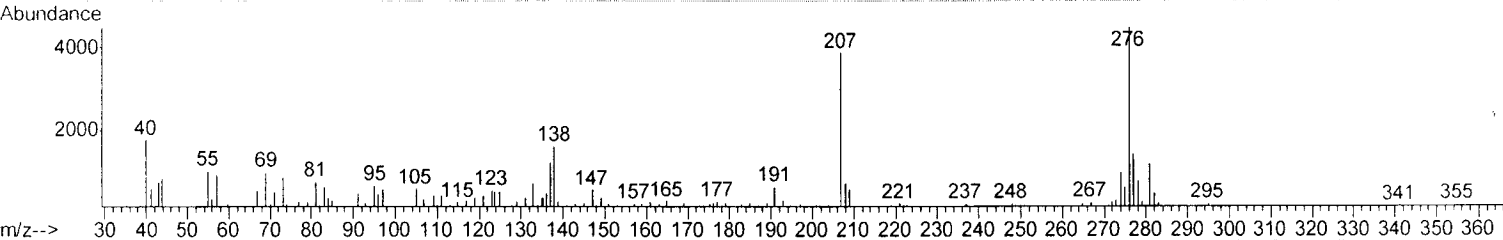
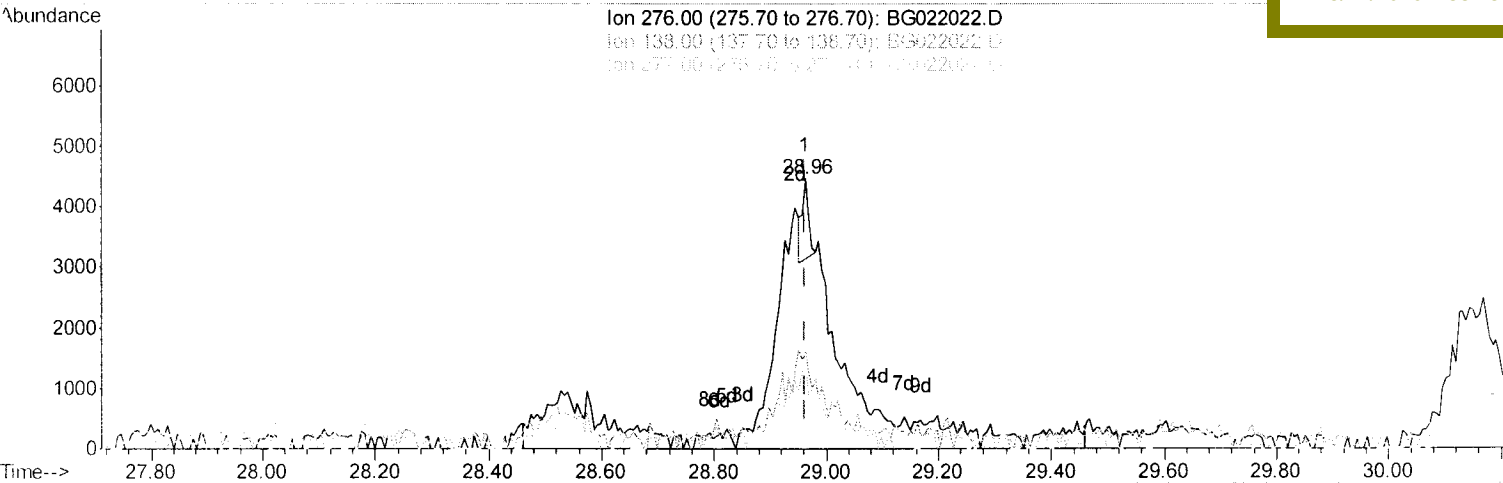
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 ALS Vial : 14 Sample Multiplier: 1

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

28.963min (+0.000) 0.08ng/ul

response 1051

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	35.79#
277.00	23.80	32.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

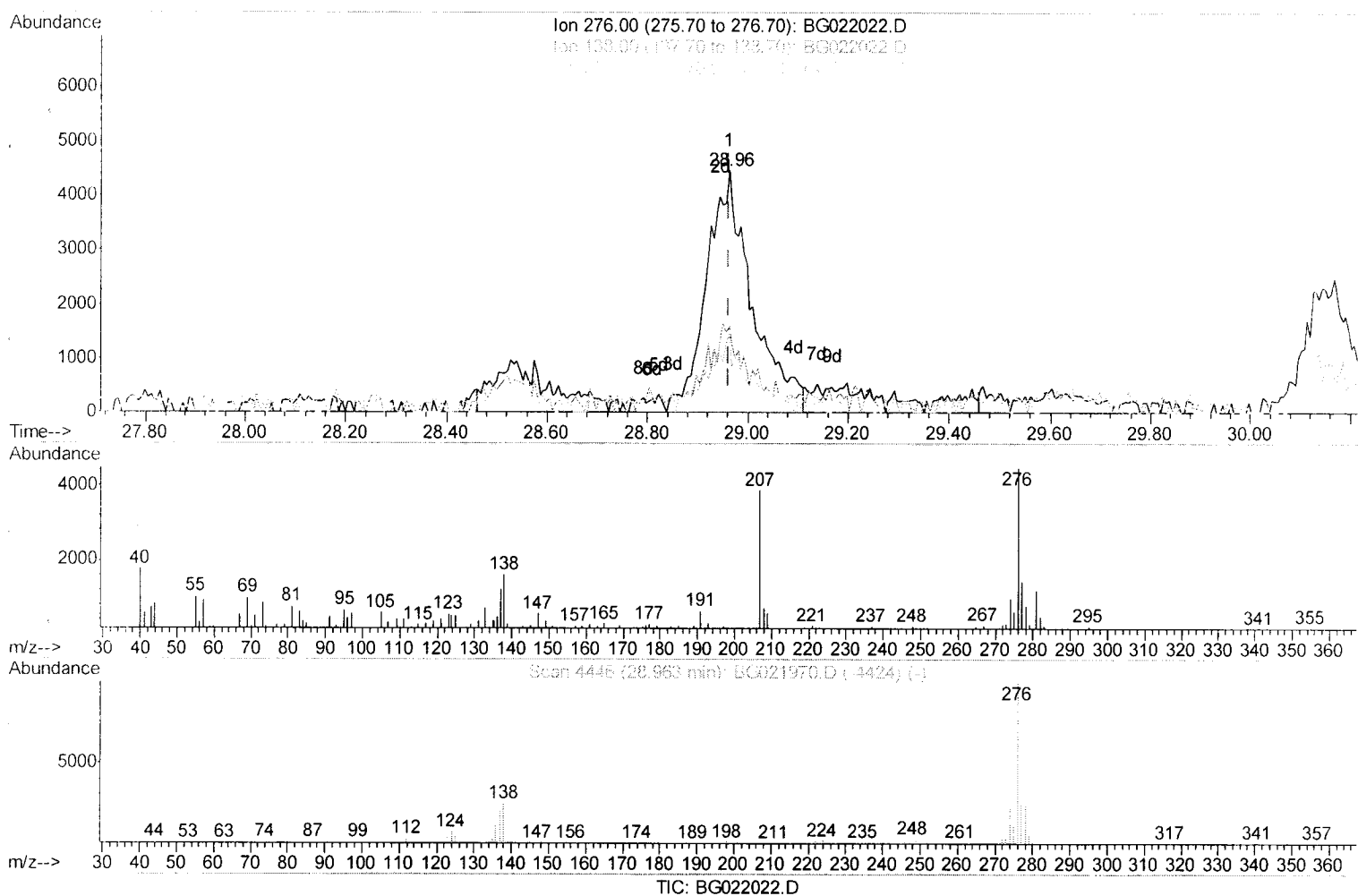
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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(39) Indeno(1,2,3-cd)pyrene

28.963min (+0.000) 2.16ng/ul m

response 28105

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	35.79#
277.00	23.80	32.08#
0.00	0.00	0.00

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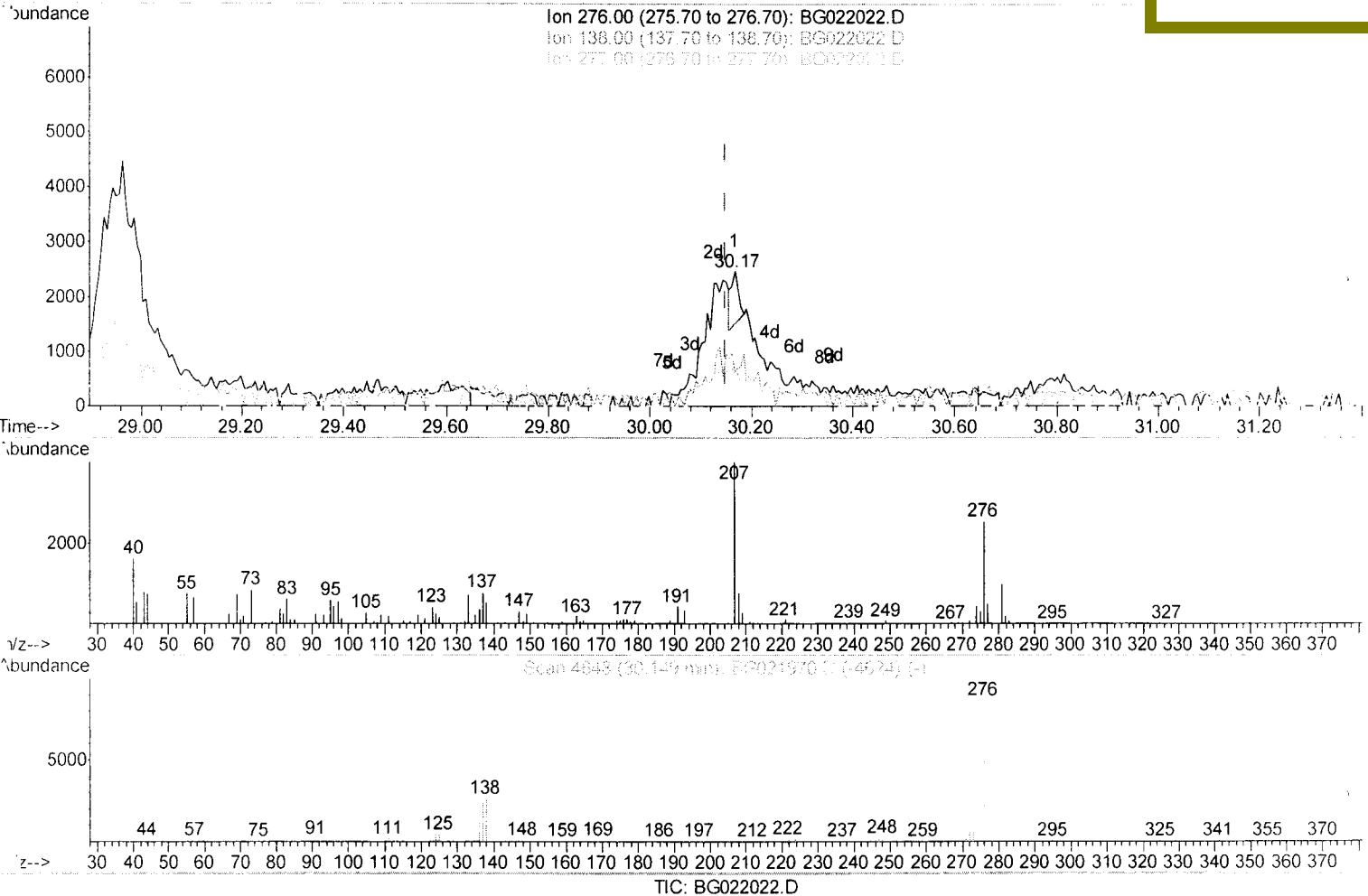
Data Path : Z:\HPCHEM1\BNA_G\Data\BG052216\
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Misc :
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D9XQ0

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

30.167min (+0.018) 0.09ng/ul

response 967

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.18#
277.00	24.70	24.66
0.00	0.00	0.00

Quantitation Report (Qedit)

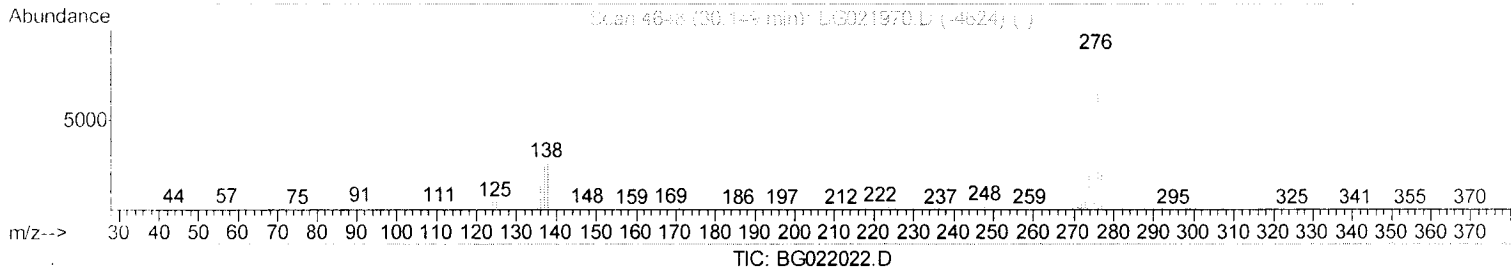
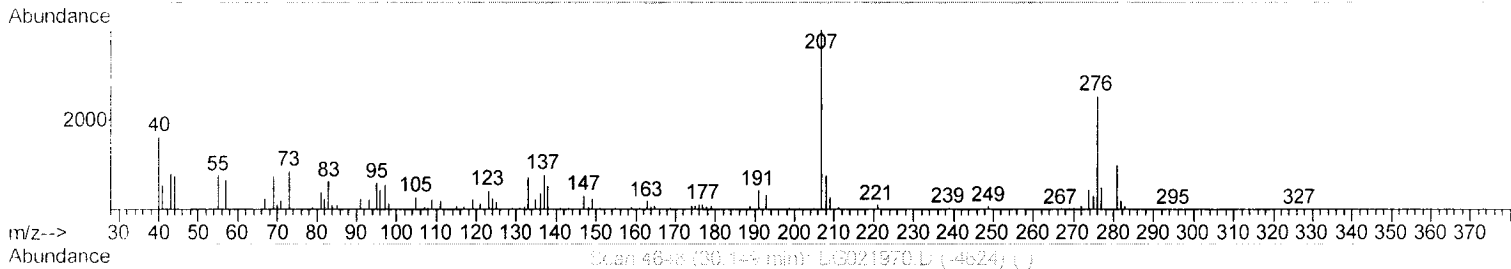
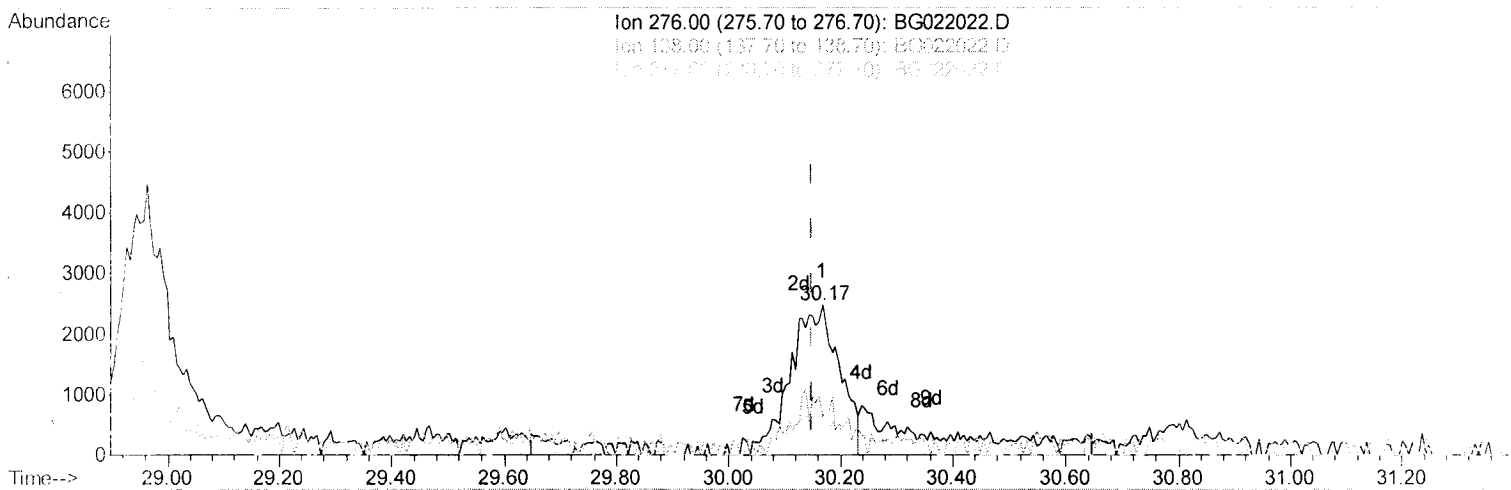
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(41) Benzo(g,h,i)perylene

30.167min (+0.018) 1.37ng/ul m

response 15057

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Ion	Exp%	Act%
276.00	100	100
138.00	17.40	25.18#
277.00	24.70	24.66
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	8.16	152	48386	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	242699	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	128705	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	245299	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	219650	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	208332	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.54	96	1796	1.70	ng/uL	0.00
3) Phenol-d5	7.31	99	86321	20.20	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	48128	21.15	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	75576	21.54	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	76187	20.02	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	39594	23.25	ng/ul	0.00
9) 2-Nitrophenol-d4	10.06	143	41745	22.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	73219	22.80	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	58097	22.97	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	228831	23.06	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	312428	24.44	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	19969m	11.44	ng/ul	0.00
21) Fluorene-d10	15.77	176	201386	22.55	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	22632	18.59	ng/ul	0.00
26) Anthracene-d10	17.63	188	277352m	24.54	ng/ul	0.00
30) Pyrene-d10	19.90	212	284240	24.53	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	230095	24.87	ng/ul	0.00

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Target Compounds

					Qvalue
25) Phenanthrene	17.57	178	25690	1.96 ng/ul	95
28) Fluoranthene	19.57	202	47994	3.52 ng/ul#	93
31) Pyrene	19.93	202	46771m	3.09 ng/ul	
32) Benzo(a)anthracene	21.79	228	26970	2.21 ng/ul#	89
33) Chrysene	21.86	228	32964	2.78 ng/ul#	90
35) Benzo(b)fluoranthene	24.09	252	65477	5.47 ng/ul#	94
36) Benzo(k)fluoranthene	24.14	252	20576m	1.75 ng/ul	
38) Benzo(a)pyrene	24.98	252	35030	3.06 ng/ul#	90
39) Indeno(1,2,3-cd)pyrene	28.96	276	28105m	2.16 ng/ul	
41) Benzo(g,h,i)perylene	30.17	276	15057m	1.37 ng/ul	

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