

Quantitation Report (QT Reviewed)

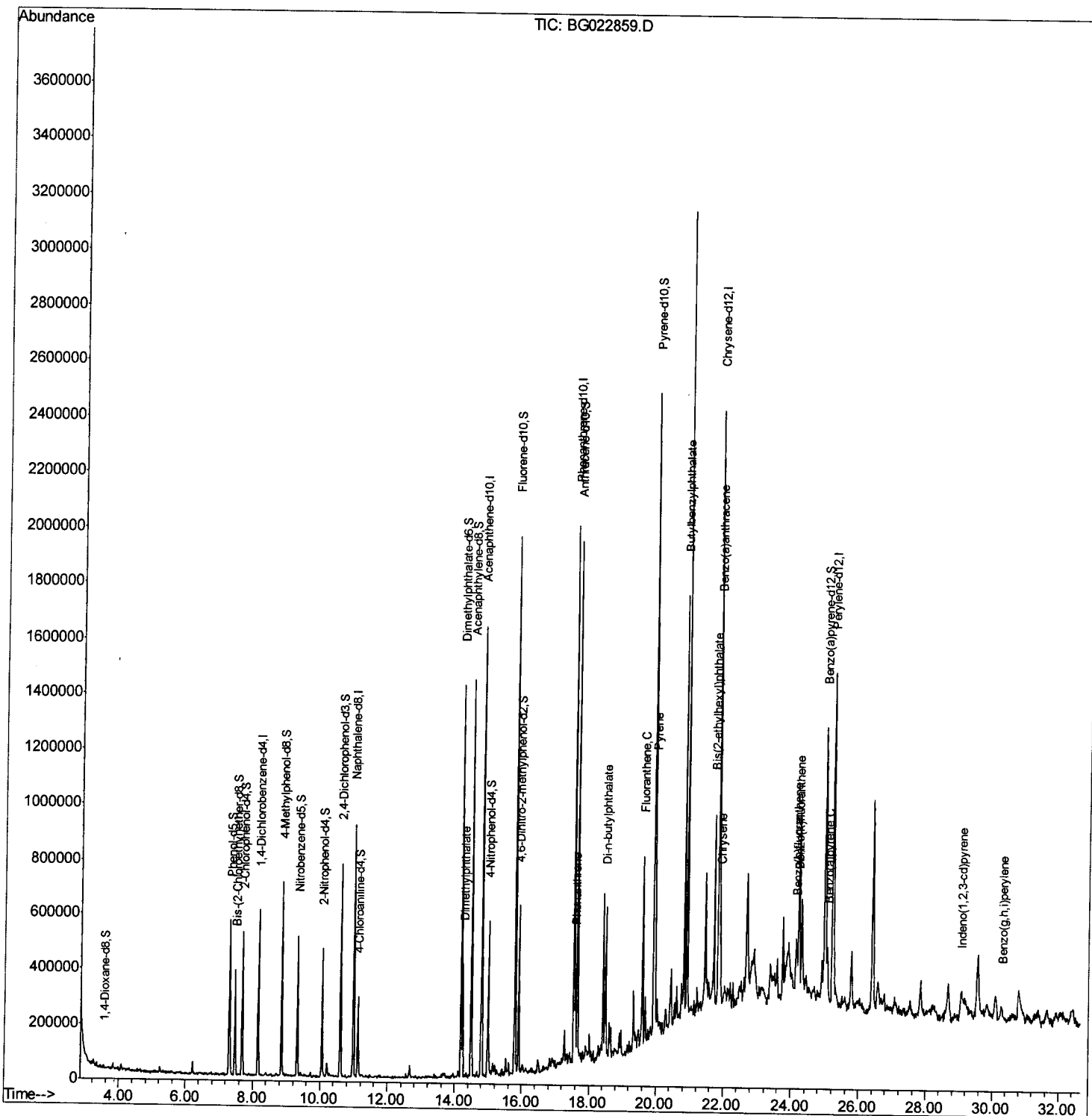
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022859.D
 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 A4TW2

Manual Integration

Quant Time: Jul 06 11:31:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

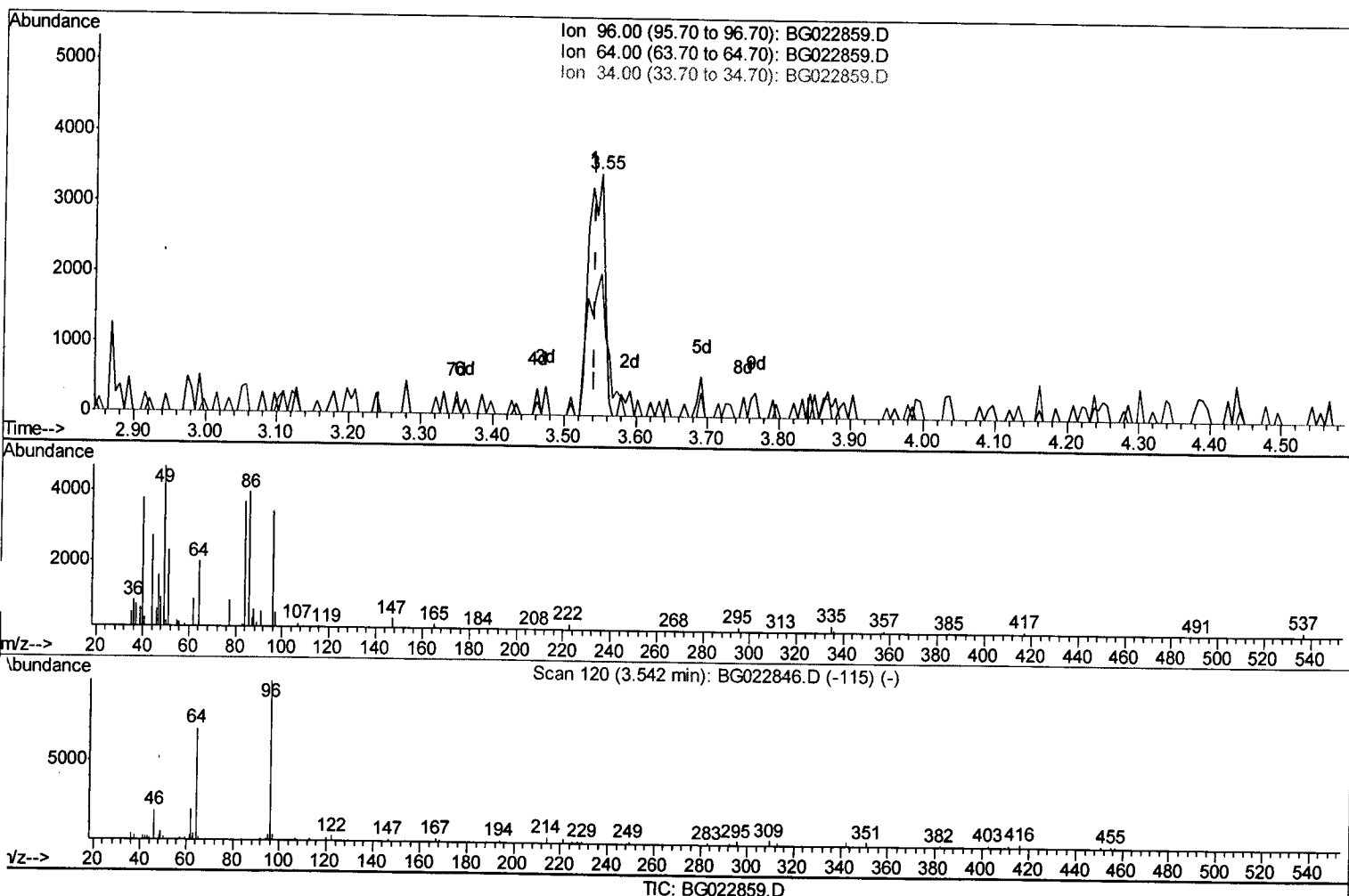
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
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 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW2

Manual Integration

Quant Time: Jul 06 11:27:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
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(3) 1,4-Dioxane-d8 (S)

3.550min (+0.008) 1.77ng/uL m V.M
 response 5066 07/11/16

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	58.44
34.00	0.00	0.00
0.00	0.00	0.00

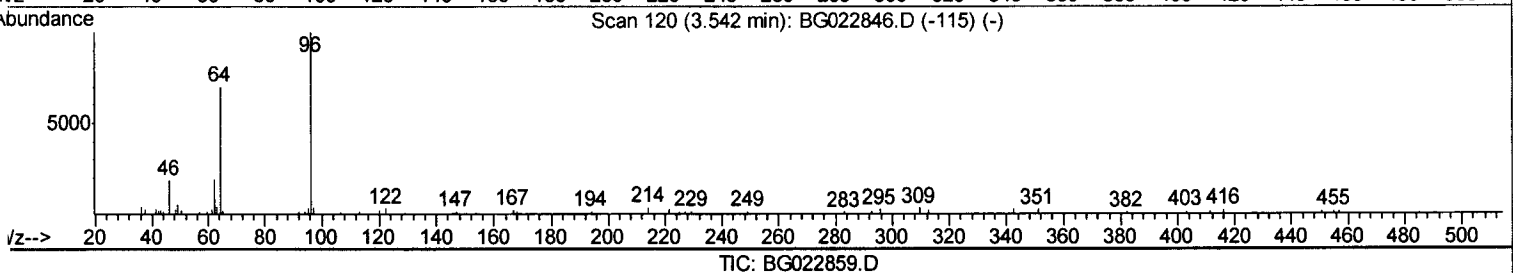
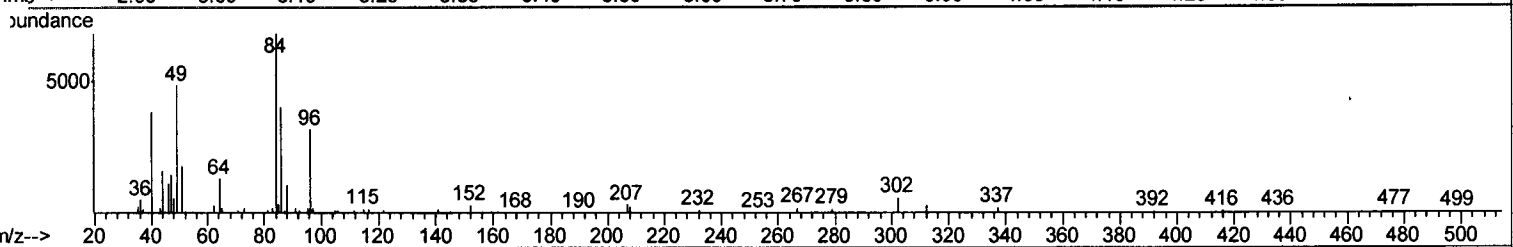
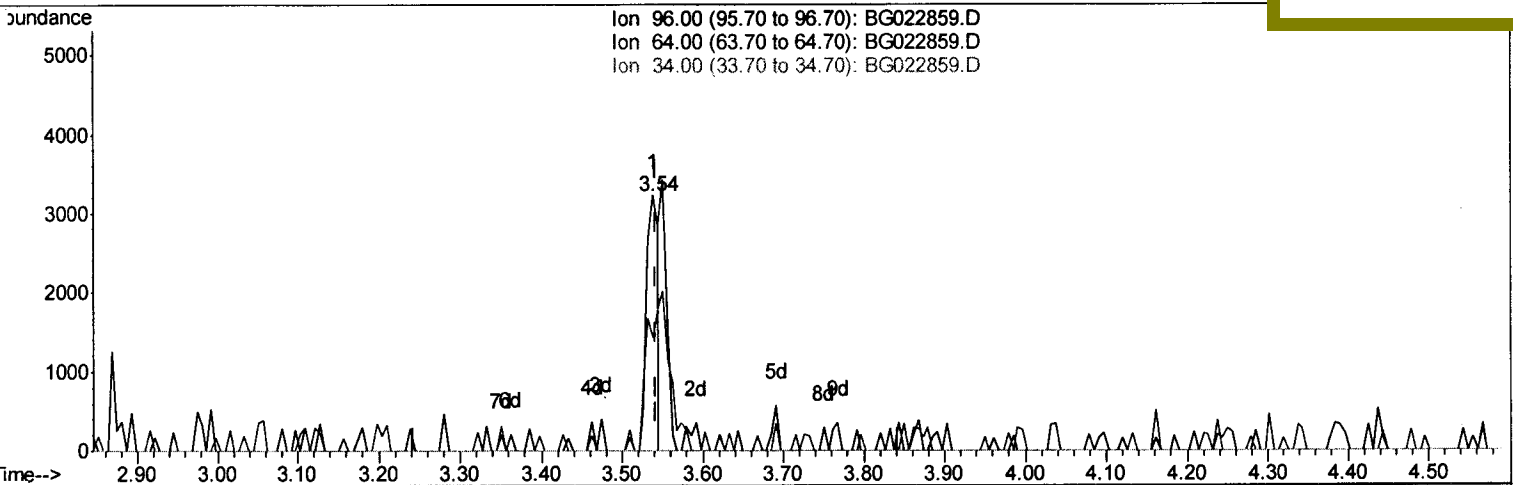
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(3) 1,4-Dioxane-d8 (S)

3.538min (-0.004) 1.14ng/uL

response 3265

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	43.81#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

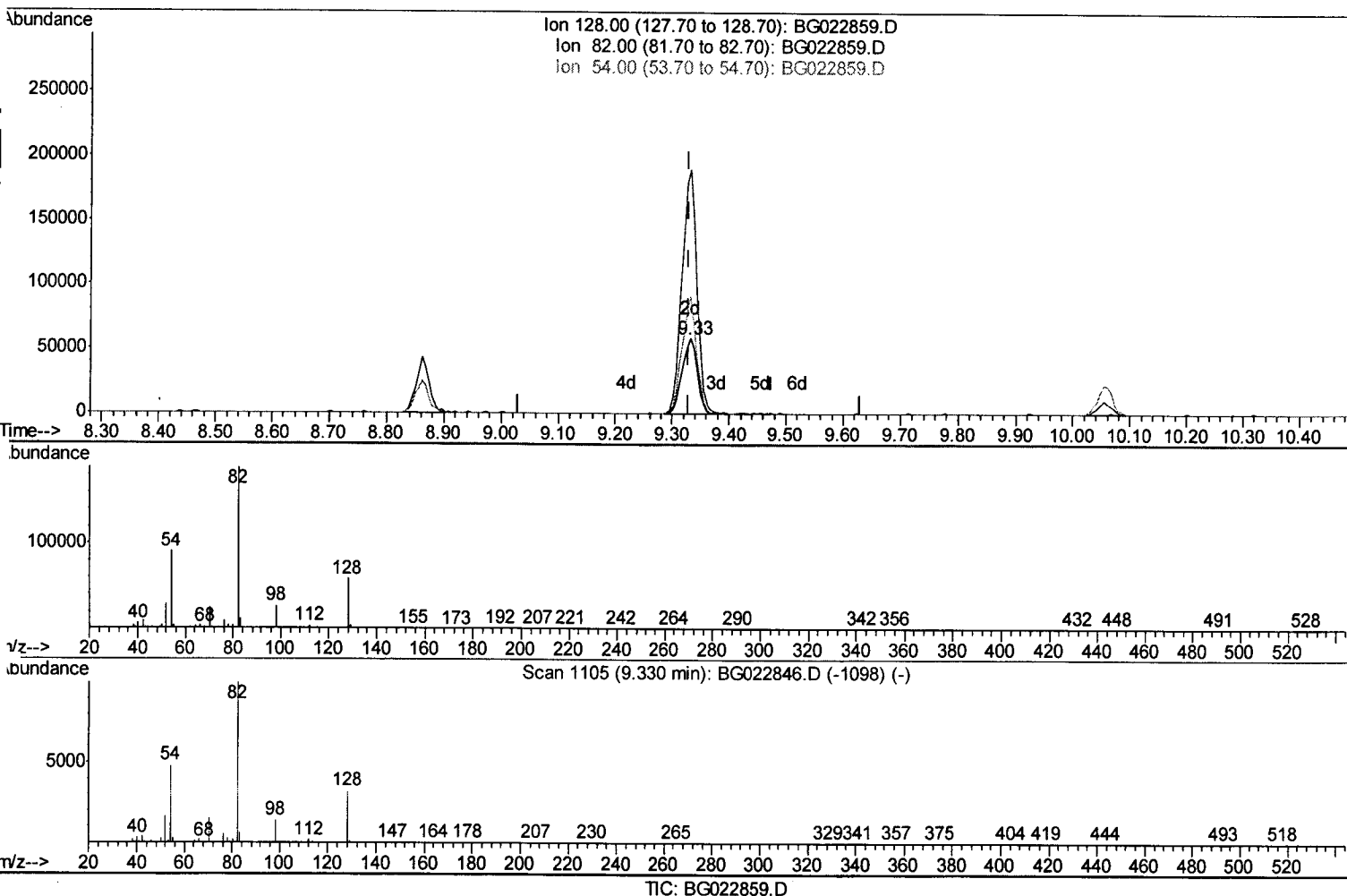
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 ALS Vial : 15 Sample Multiplier: 1

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(19) Nitrobenzene-d5 (S)

9.332min (+0.002) 17.55ng/ul m

response 106043

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	324.33#
54.00	78.50	154.60#
0.00	0.00	0.00

U.M
 07/11/16

Quantitation Report (Qedit)

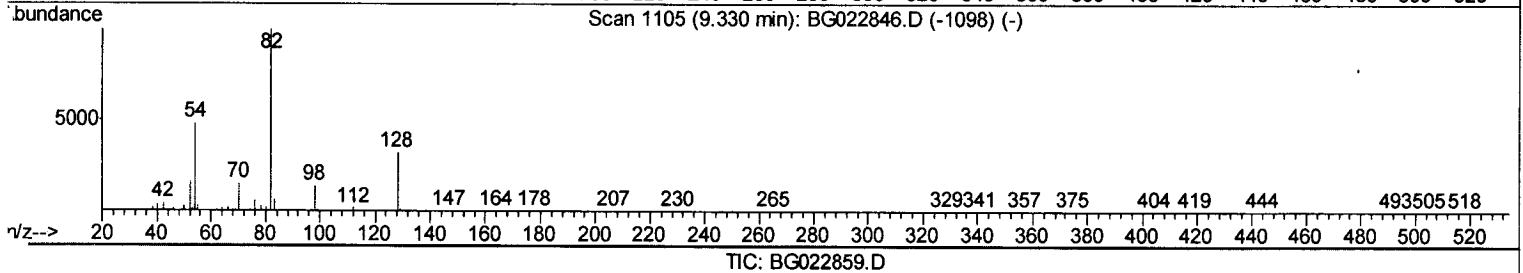
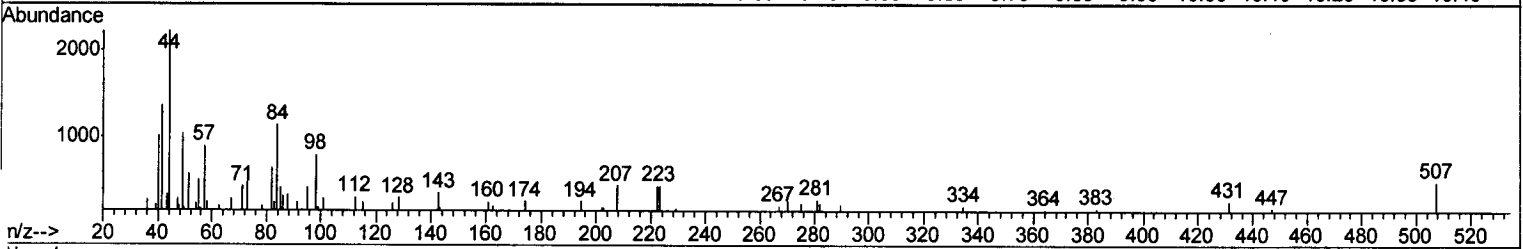
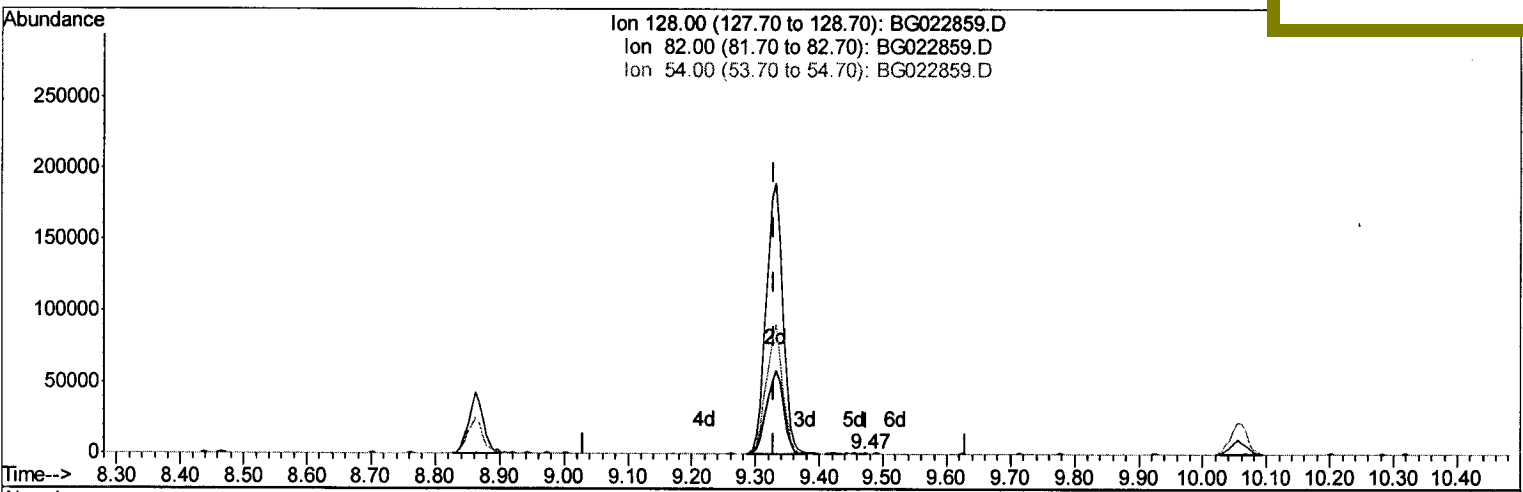
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(19) Nitrobenzene-d5 (S)

9.473min (+0.143) 0.05ng/ul

response 277

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	211.97
54.00	78.50	78.32
0.00	0.00	0.00

Quantitation Report (Qedit)

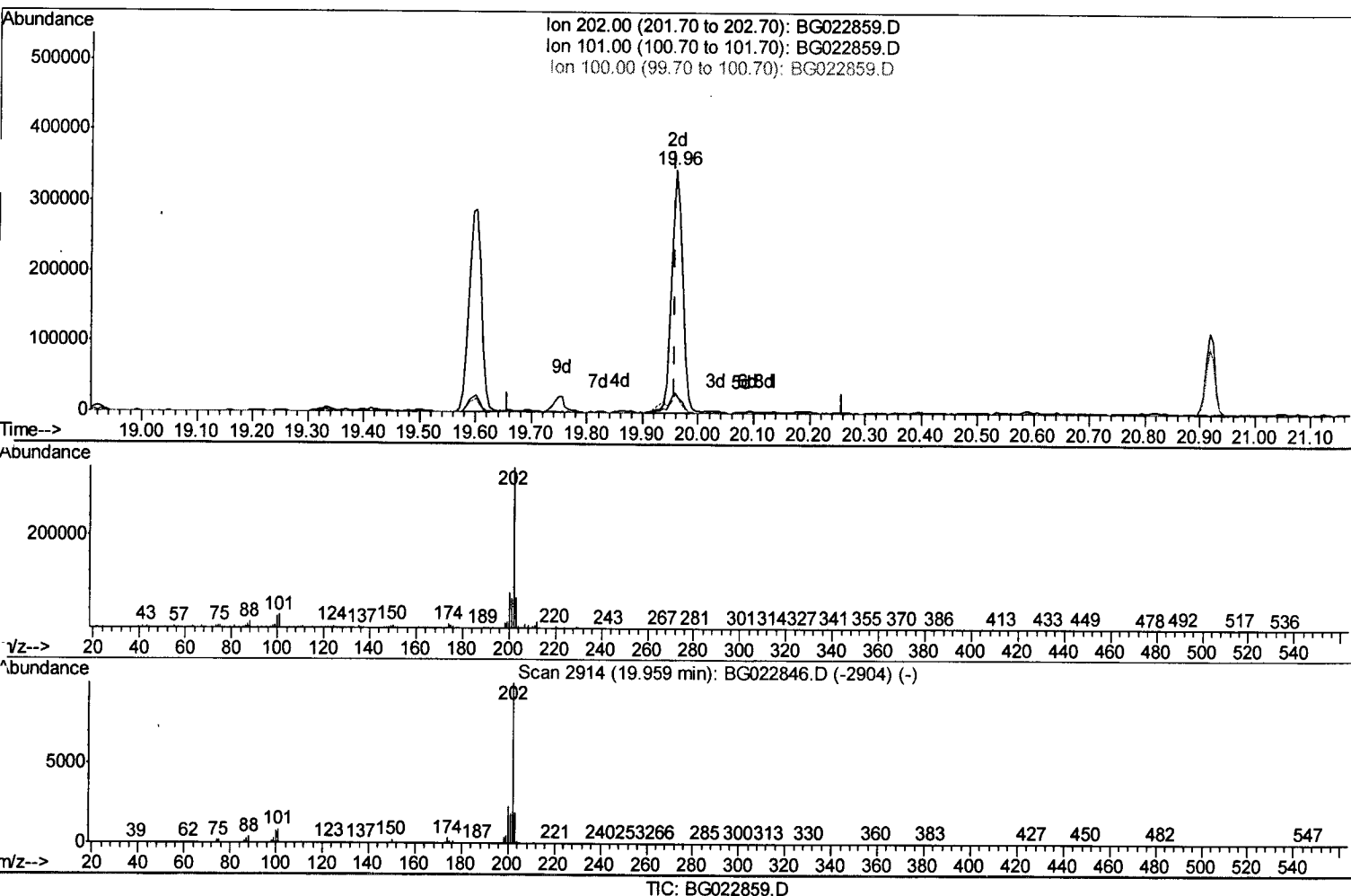
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022859.D
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 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4TW2

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(77) Pyrene

19.960min (+0.002) 6.67ng/ul m U.M
 response 480049 07/11/16

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	8.19#
100.00	12.80	7.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

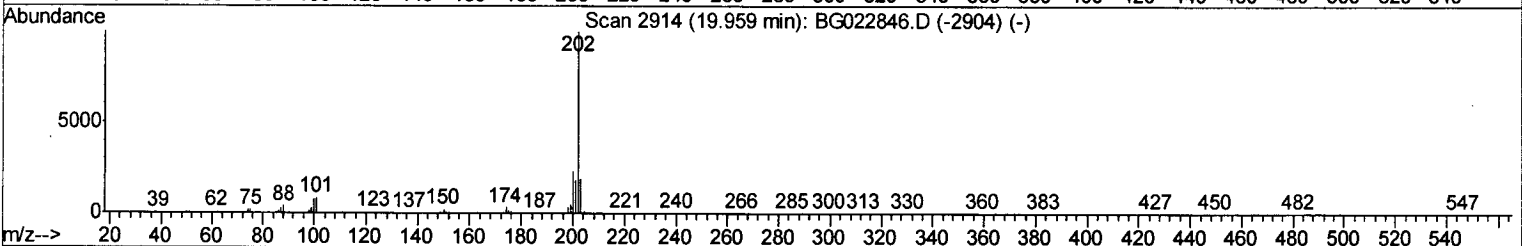
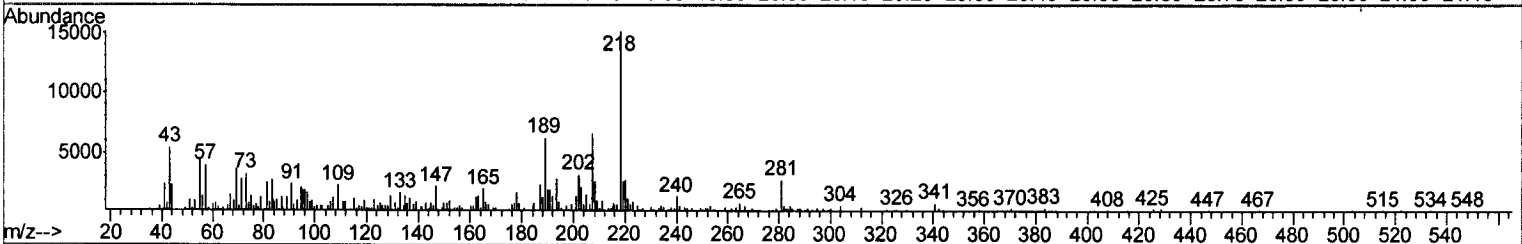
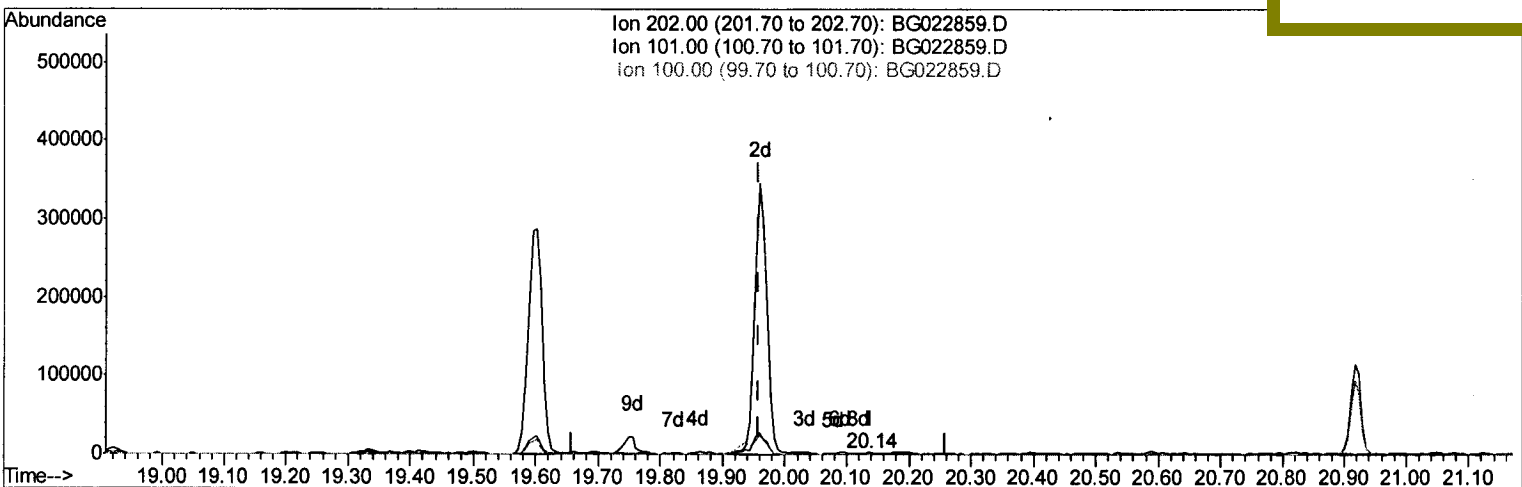
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 Operator : UM/SJ
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG022859.D

(77) Pyrene

20.137min (+0.178) 0.05ng/ul

response 3769

Ion	Exp%	Act%
202.00	100	100
101.00	15.60	16.81
100.00	12.80	13.38
0.00	0.00	0.00

Quantitation Report (Qedit)

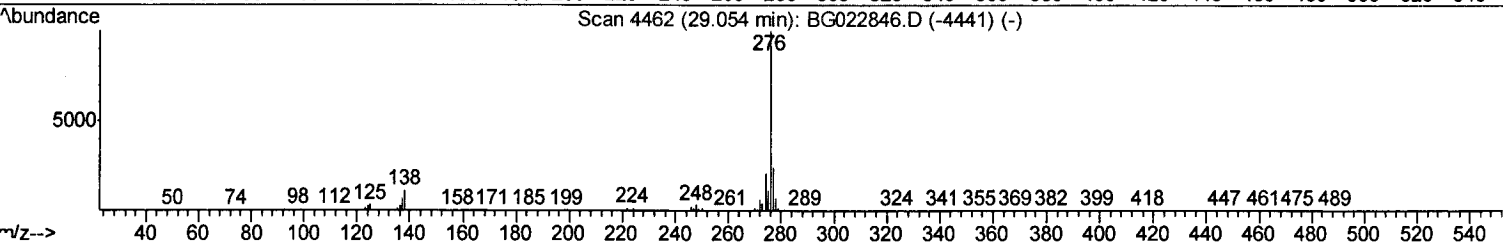
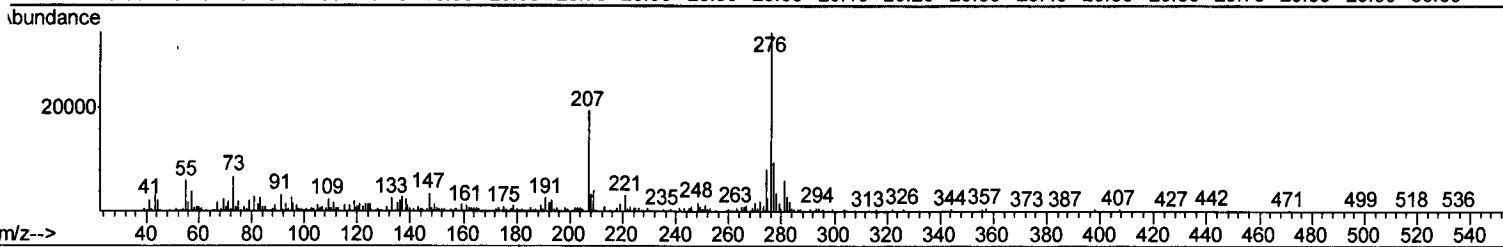
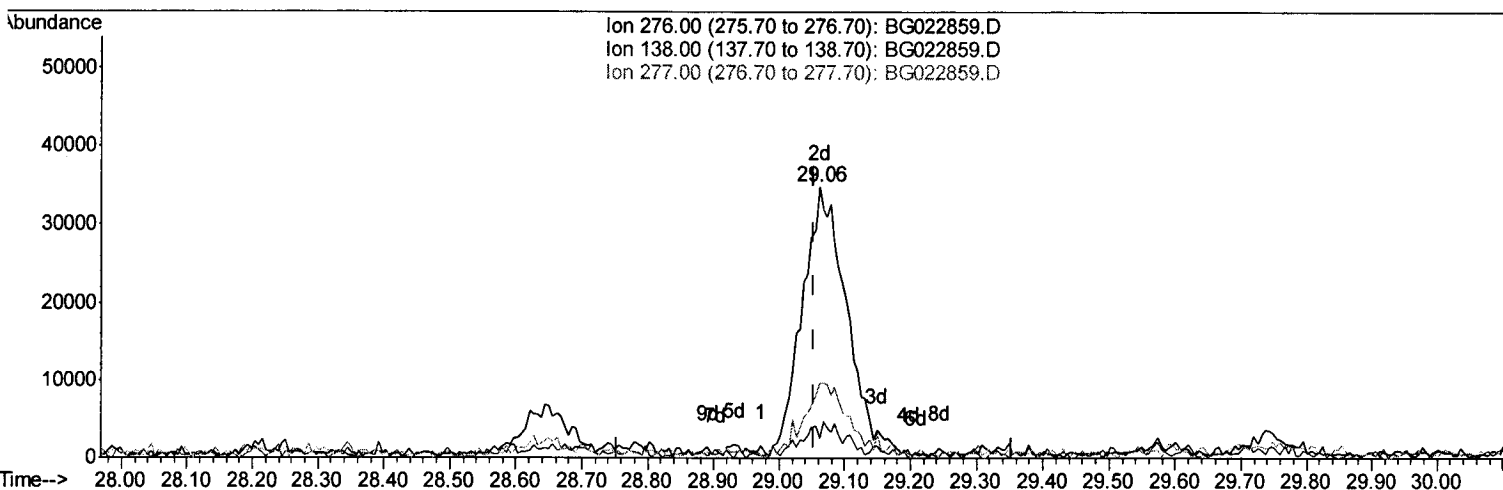
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022859.D
 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 A4TW2

Manual Integration

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TIC: BG022859.D

(89) Indeno(1,2,3-cd)pyrene

29.061min (+0.008) 2.01ng/ul m

response 167215

U.M
 07/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	7.40#
277.00	22.00	27.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

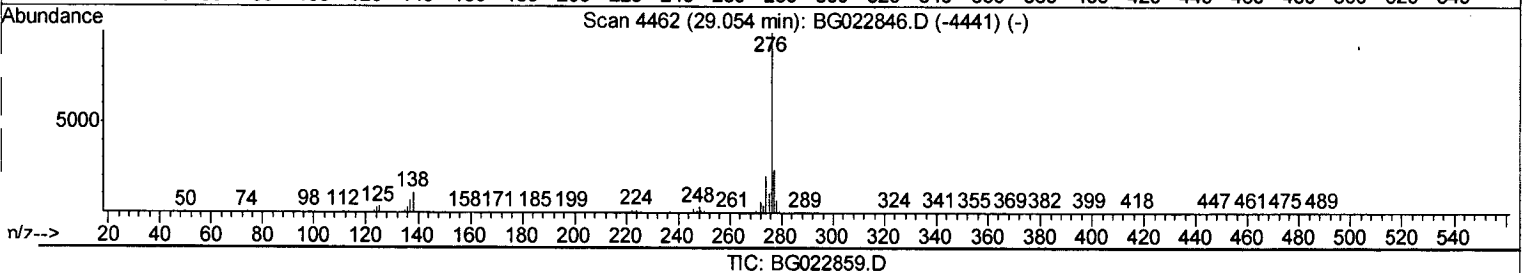
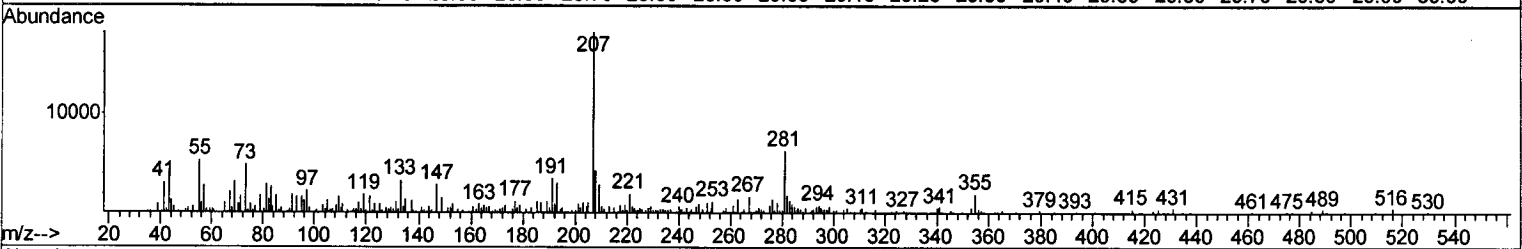
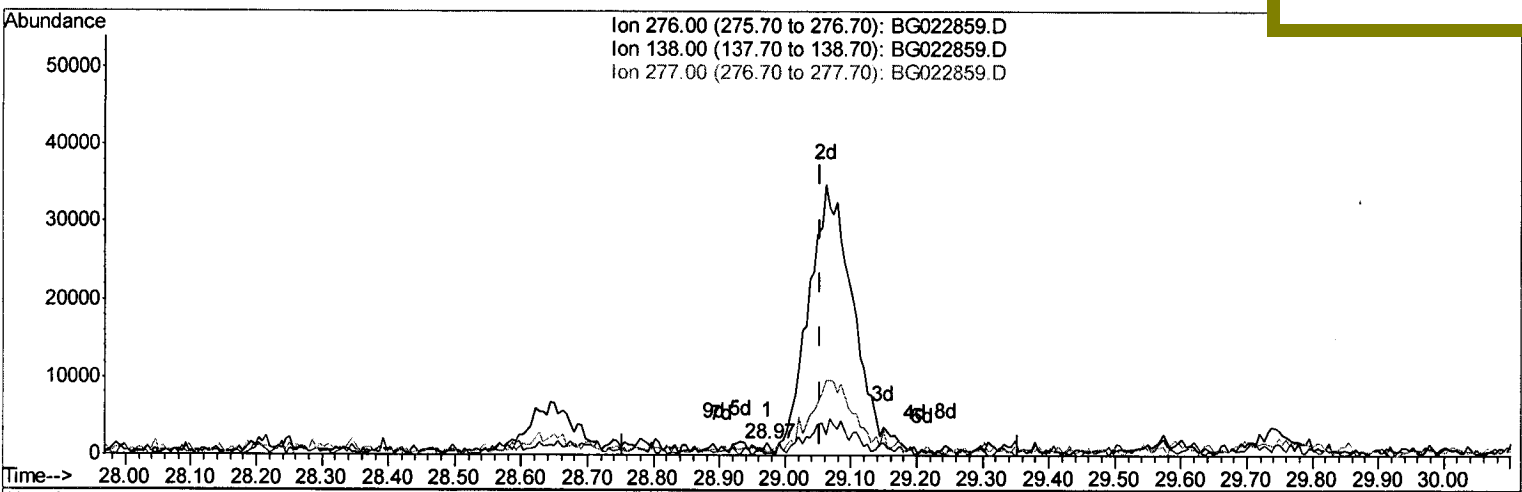
Data Path : Z:\HPCHEM1\BNA_G\Data\BG070516\
 Data File : BG022859.D
 Acq On : 5 Jul 2016 20:46
 Operator : UM/SJ
 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW2

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(89) Indeno(1,2,3-cd)pyrene

28.973min (-0.081) 0.01ng/ul

response 555

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	24.11
277.00	22.00	22.76
0.00	0.00	0.00

Quantitation Report (Qedit)

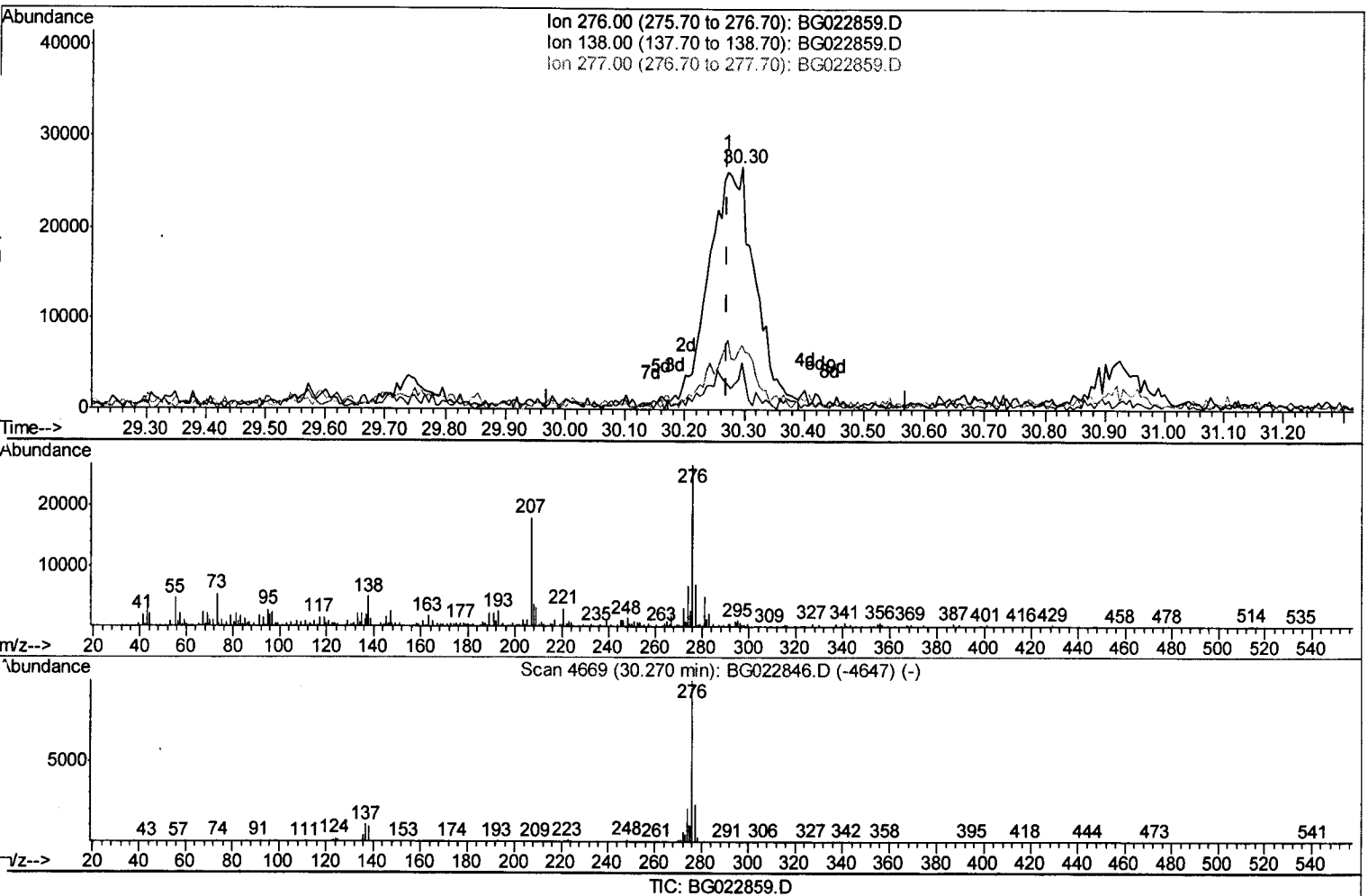
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 Sample : H3811-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 A4TW2

Manual Integration

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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
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(91) Benzo(g,h,i)perylene

30.295min (+0.025) 2.22ng/ul m U.M
 response 144867 07/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	18.88#
277.00	21.20	26.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

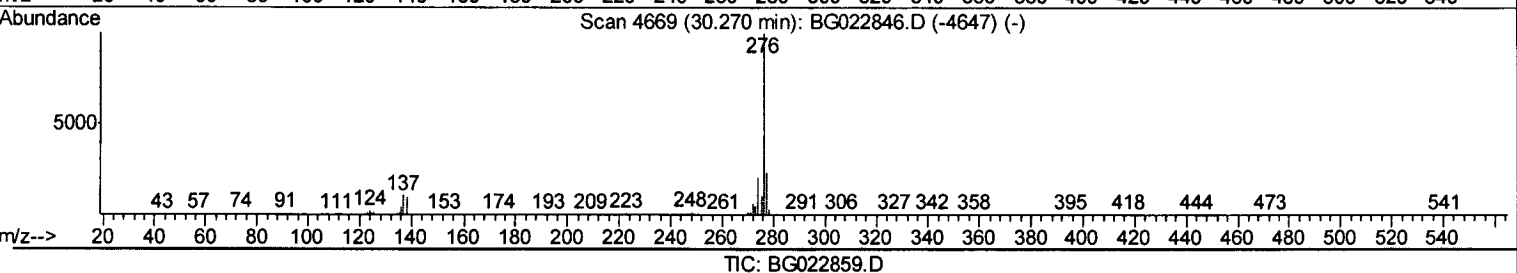
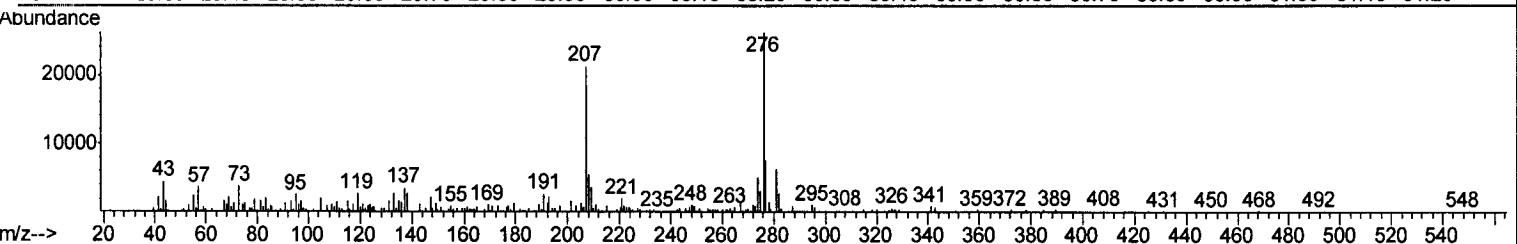
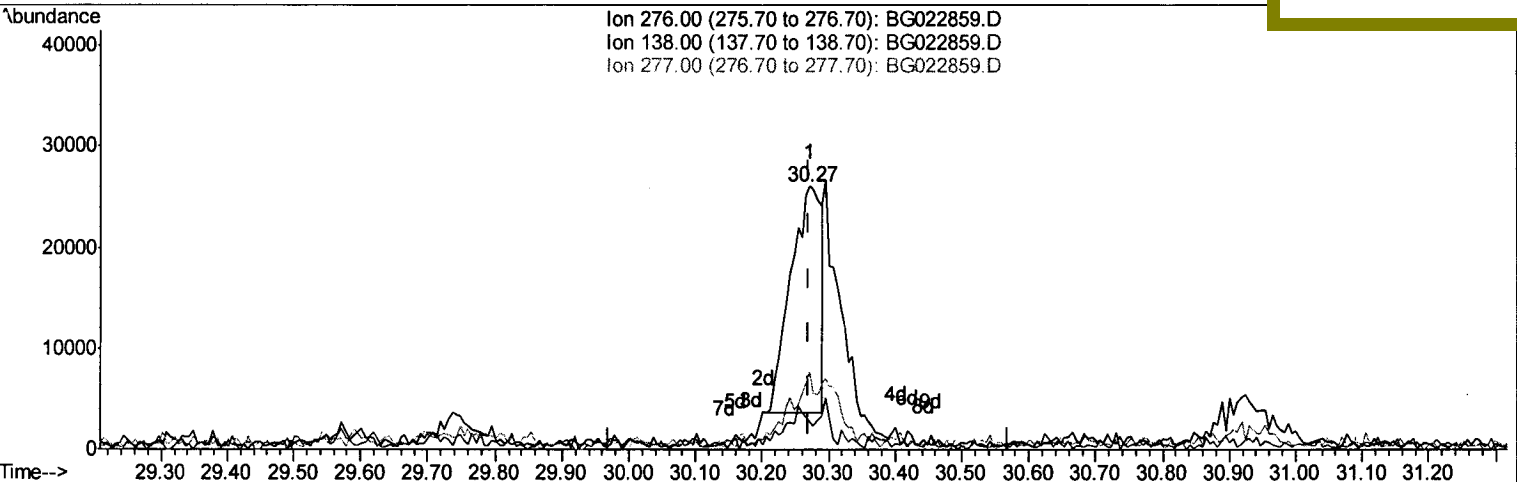
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Sample : H3811-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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(91) Benzo(g,h,i)perylene

30.272min (+0.002) 1.09ng/ul

response 70976

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	10.50#
277.00	21.20	29.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

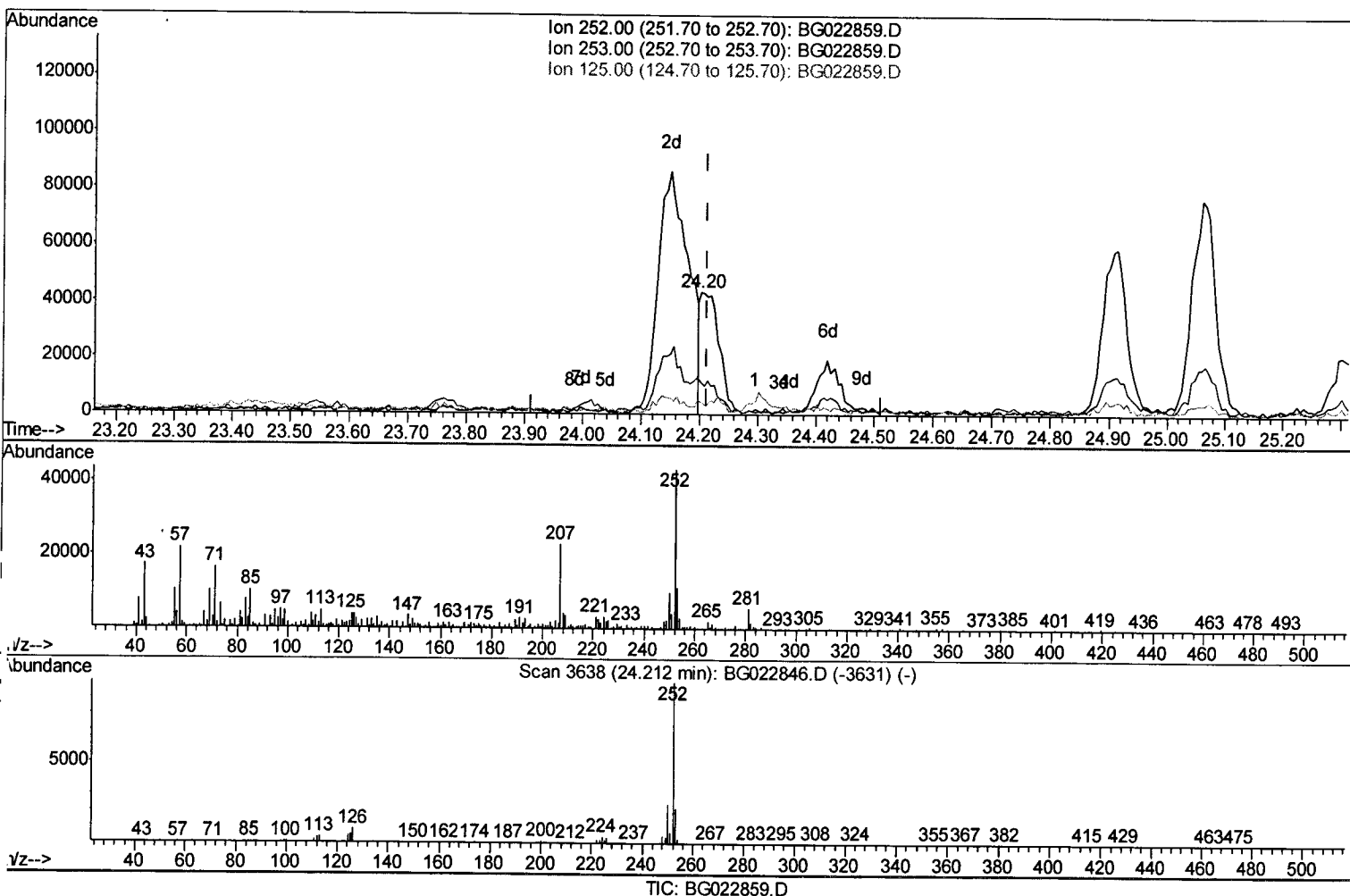
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Manual Integration

Quant Time: Jul 06 11:30:42 2016
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(86) Benzo(k)fluoranthene

24.202min (-0.010) 1.28ng/ul m U.M
 response 99621 07/11/16

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	26.49#
125.00	13.30	9.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

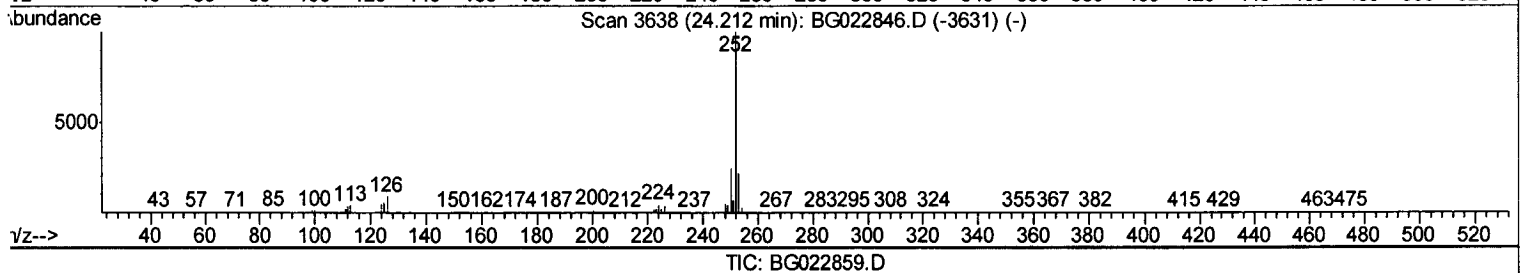
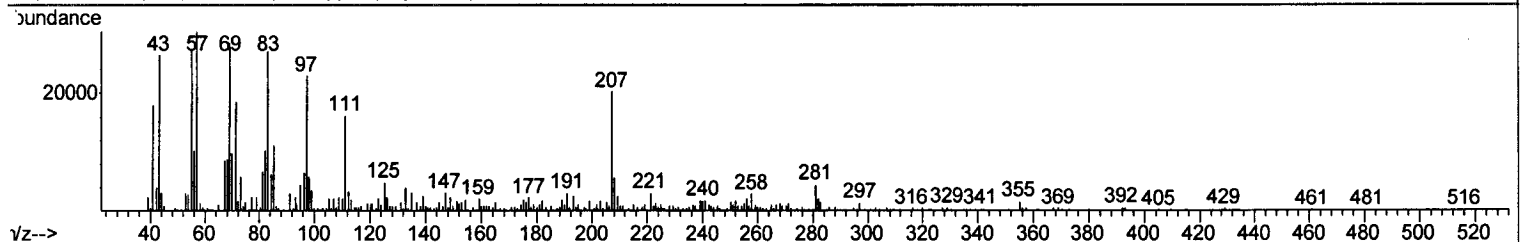
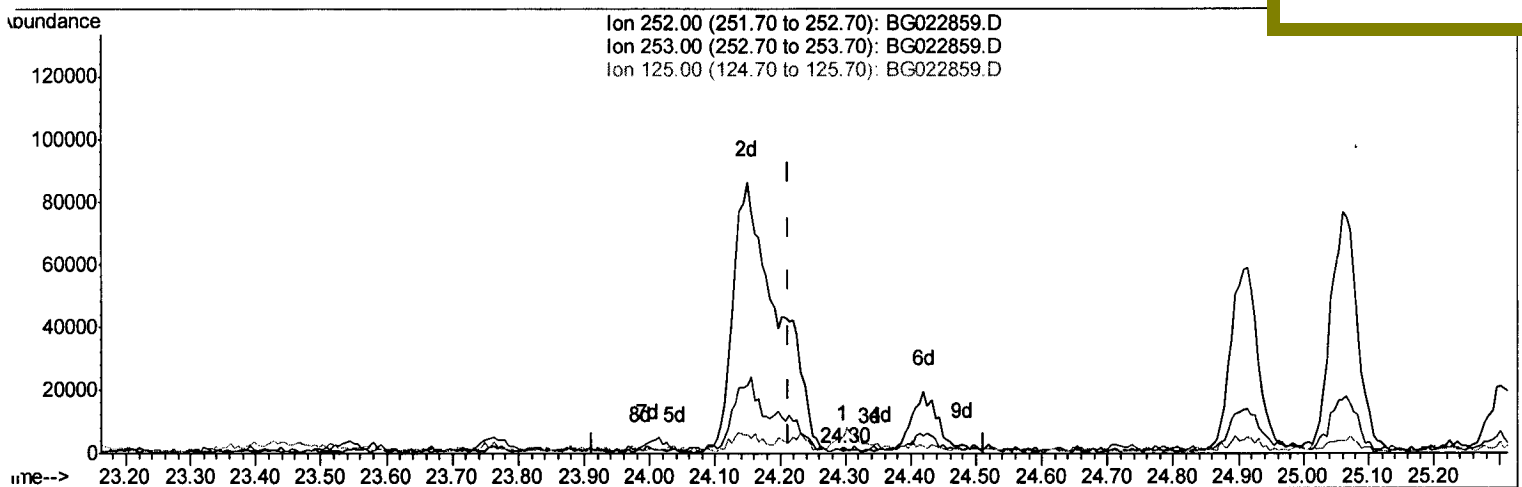
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(86) Benzo(k)fluoranthene

24.296min (+0.084) 0.01ng/ul

response 606

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	47.38#
125.00	13.30	263.97#
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	159902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	757663	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	553820	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1200518	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1285330	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1326338	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5066m	1.77	ng/uL	0.00
5) Phenol-d5	7.31	99	316082	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.47	67	183376	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	208881	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	245847	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	106043m	17.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	131984	18.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	266839	17.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	146792	11.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	866086	19.25	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	994451	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118853	16.82	ng/ul	0.00
57) Fluorene-d10	15.79	176	800805	18.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	140214	18.16	ng/ul	0.00
70) Anthracene-d10	17.65	188	1065652	19.10	ng/ul	0.00
76) Pyrene-d10	19.93	212	1271496	20.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1212827	19.25	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.24	163	249700	5.44	ng/ul#	95
69) Phenanthrene	17.60	178	205868	3.35	ng/ul	98
73) Di-n-butylphthalate	18.50	149	374213	6.24	ng/ul#	97
74) Fluoranthene	19.60	202	436545	6.82	ng/ul#	88
77) Pyrene	19.96	202	480049m	6.67	ng/ul	
78) Butylbenzylphthalate	20.84	149	431658	15.47	ng/ul#	85
80) Benzo(a)anthracene	21.83	228	209144	2.77	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	281904	7.83	ng/ul#	96
82) Chrysene	21.90	228	270990	3.95	ng/ul	97
85) Benzo(b)fluoranthene	24.15	252	310168	3.74	ng/ul#	90
86) Benzo(k)fluoranthene	24.20	252	99621m	1.28	ng/ul	
88) Benzo(a)pyrene	25.06	252	216540	2.75	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.06	276	167215m	2.01	ng/ul	
91) Benzo(g,h,i)perylene	30.30	276	144867m	2.22	ng/ul	

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