

(QT Reviewed)

```

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
Data File : BG018211.D
Acq On    : 1 Aug 2015    9:18
Operator  : TP/UM
Sample    : G3065-09
Misc      :
ALS Vial  : 31    Sample Multiplier: 1

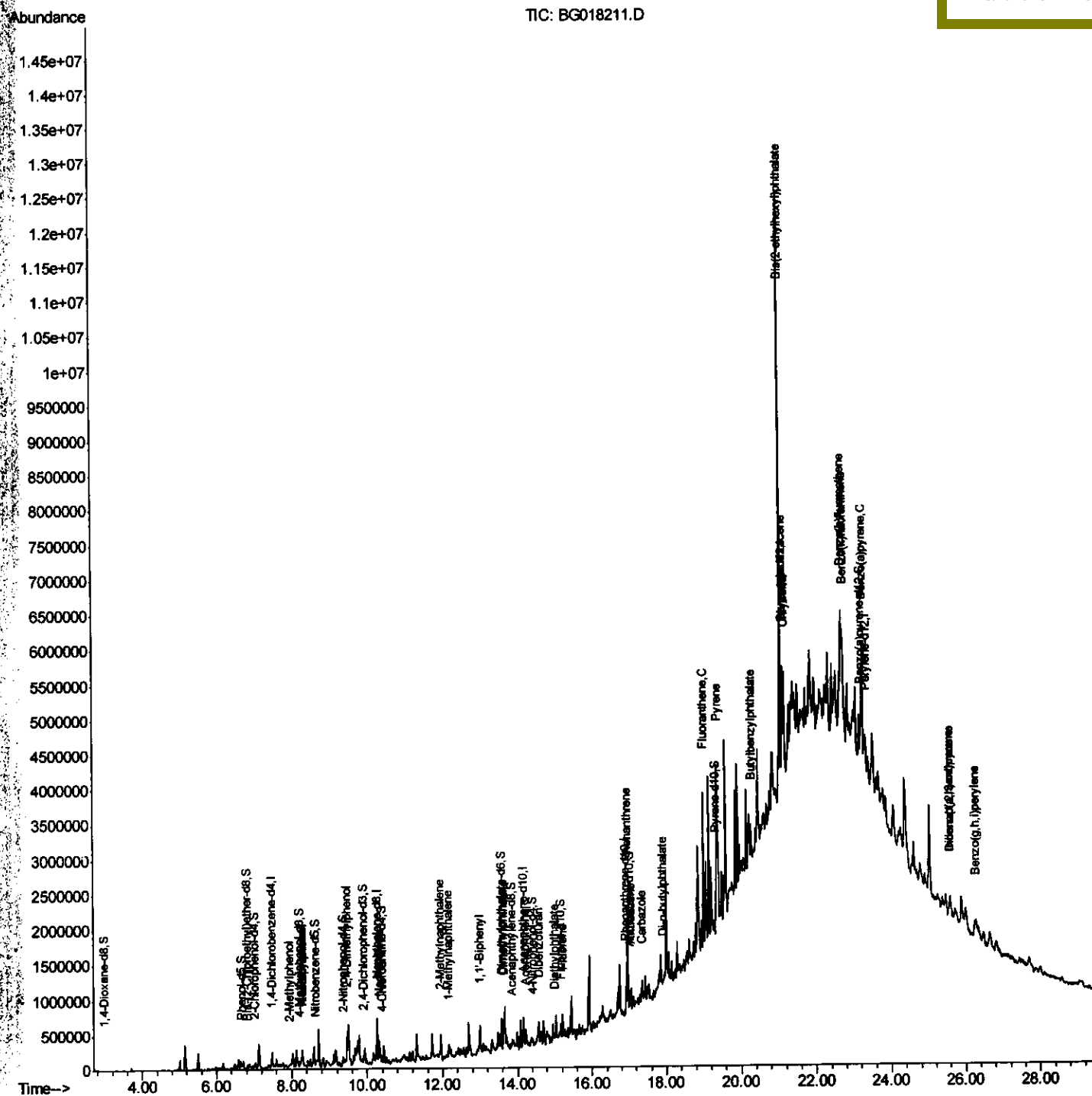
```

Quant Time: Aug 03 03:13:58 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A2

Manual Integrations APPROVED

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Quantitation Report (Qedit)

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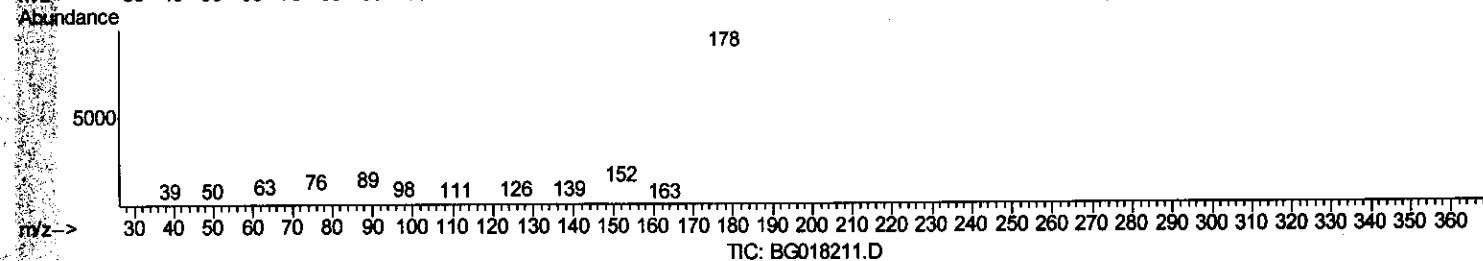
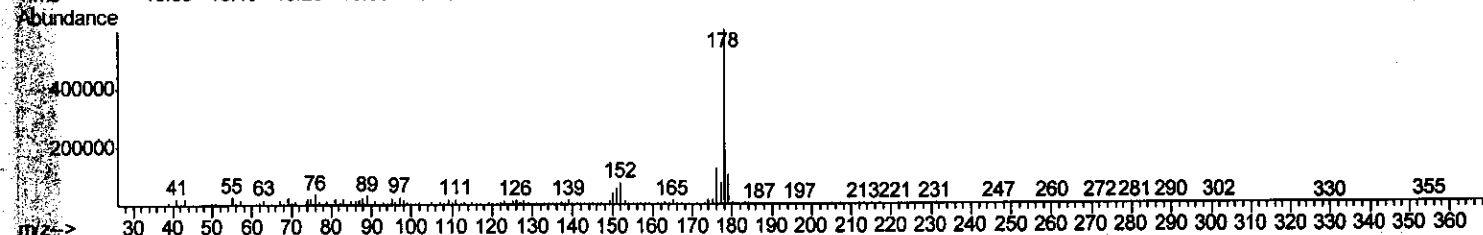
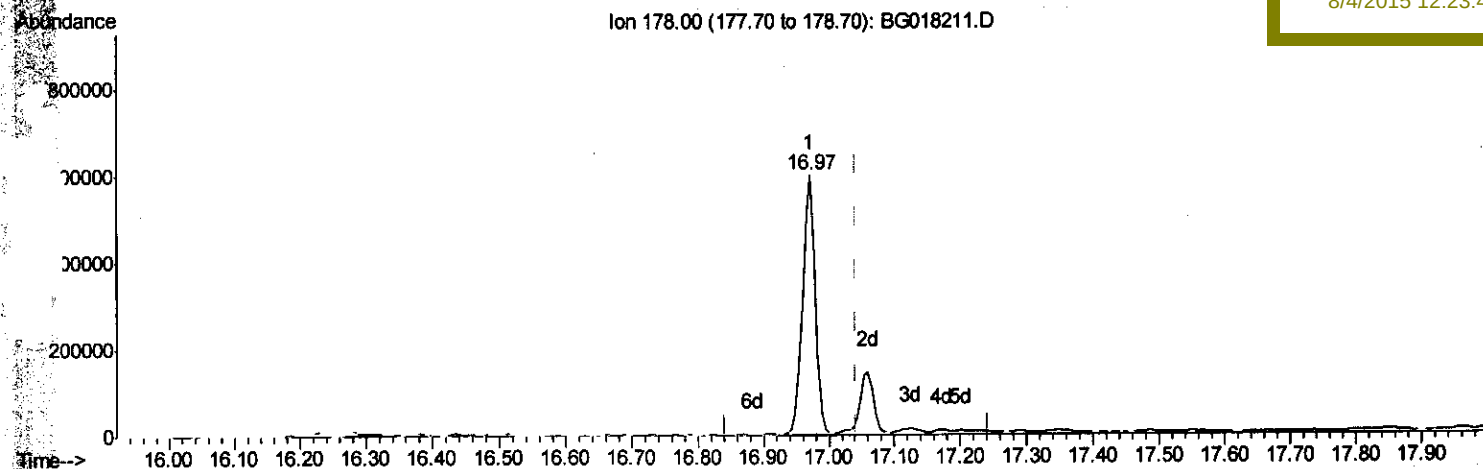
Quant Time: Aug 03 01:59:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
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Ion 178.00 (177.70 to 178.70): BG018211.D



TIC: BG018211.D

(72) Anthracene

16.972min (-0.070) 75.35ng/ul

response 800903

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.89
176.00	18.50	20.55
0.00	0.00	0.00

Quantitation Report (Qedit)

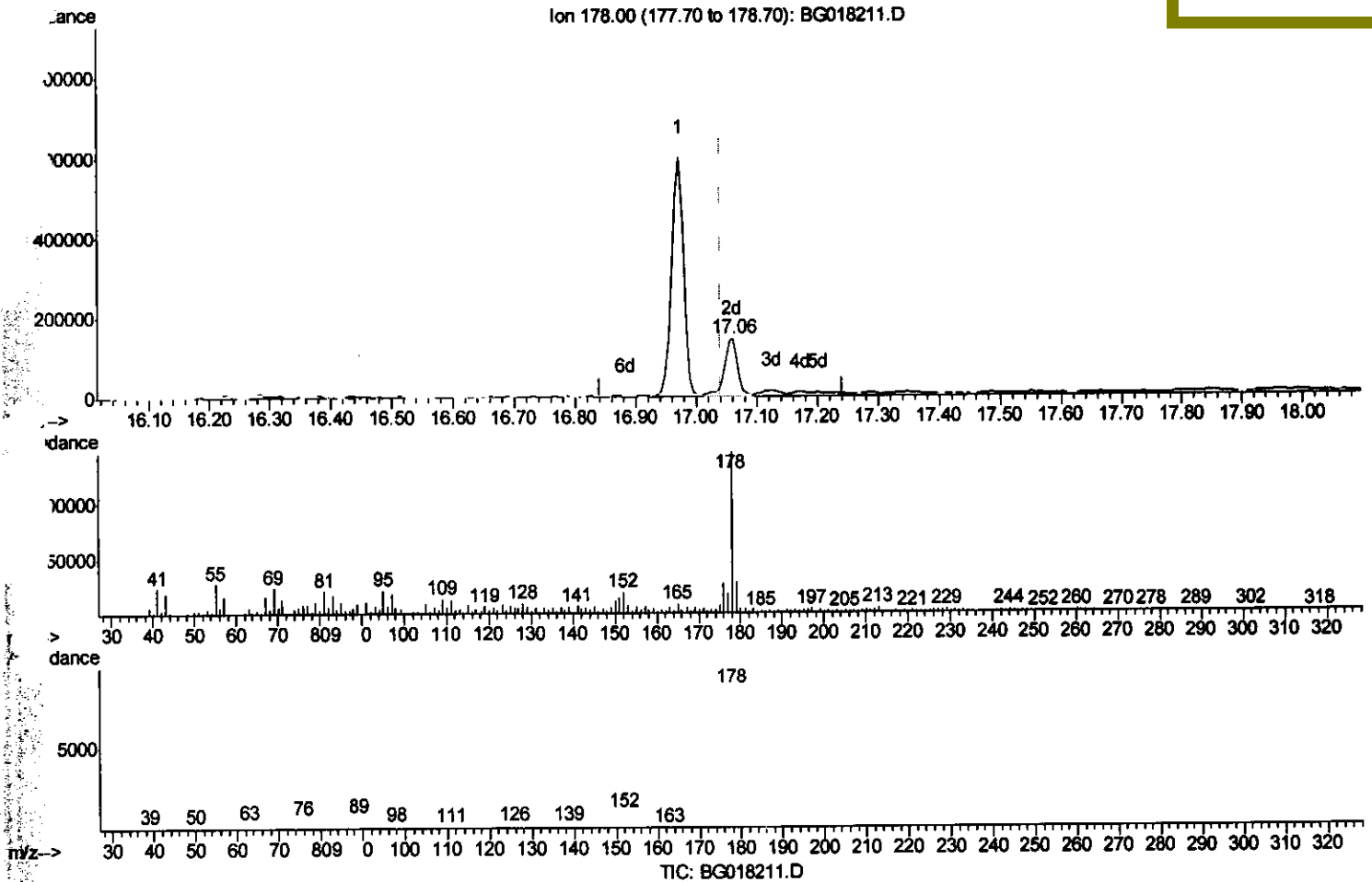
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
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(72) Anthracene

17.060min (+0.018) 20.25ng/ul m

response 215272

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	19.20#
176.00	18.50	18.91
0.00	0.00	0.00

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Quantitation Report (Qedit)

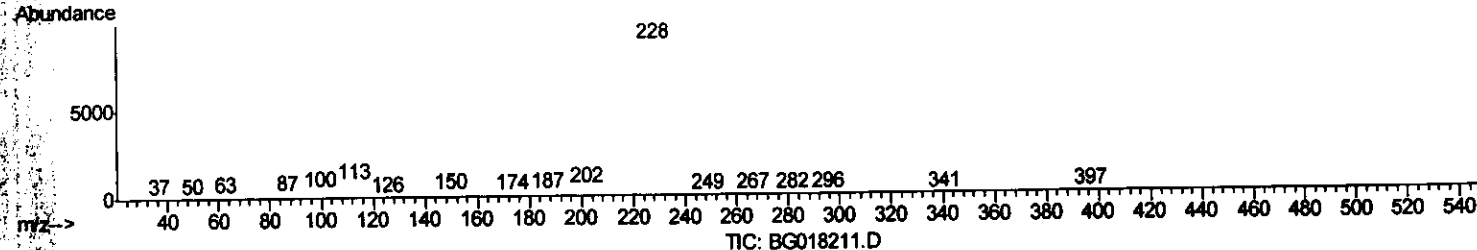
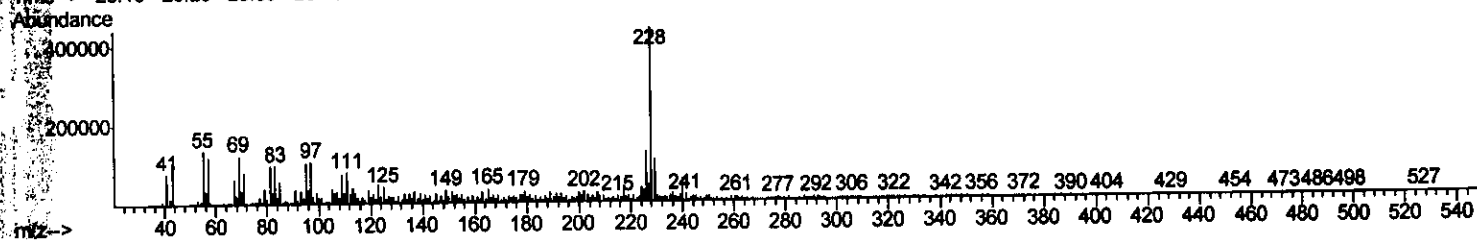
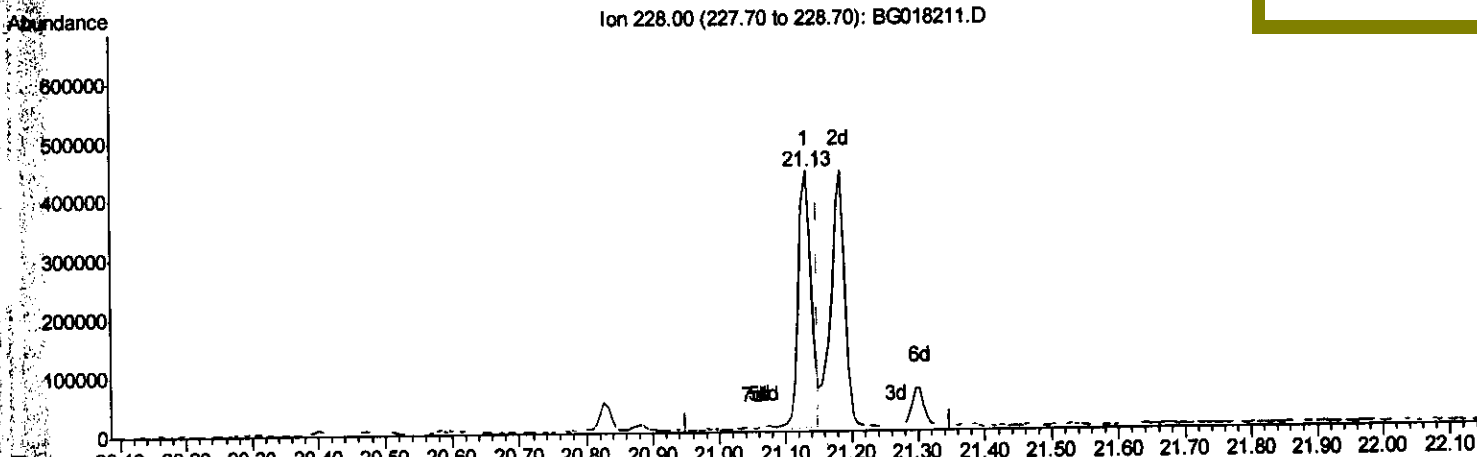
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(85) Chrysene

21.132min (-0.017) 38.91ng/ul

response 595691

Ion	Exp%	Act%
228.00	100	100
226.00	28.40	28.77
229.00	20.20	23.81
0.00	0.00	0.00

Quantitation Report (Qedit)

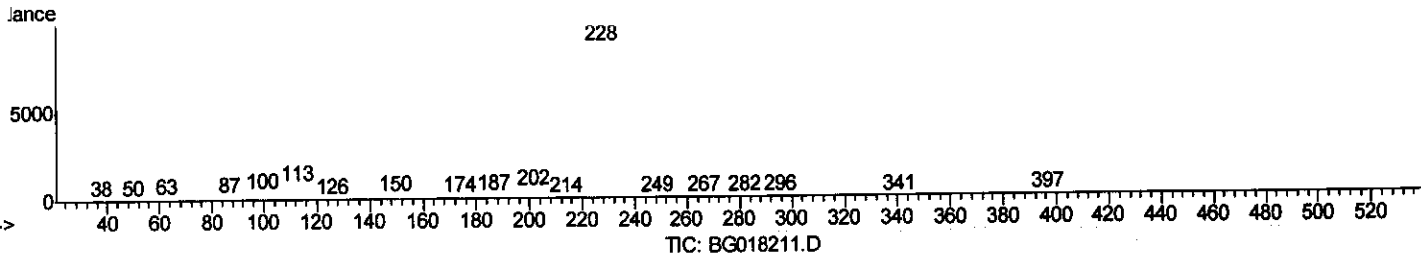
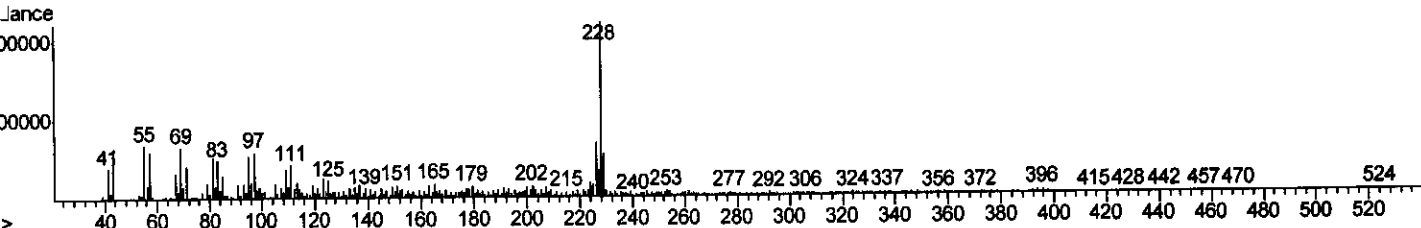
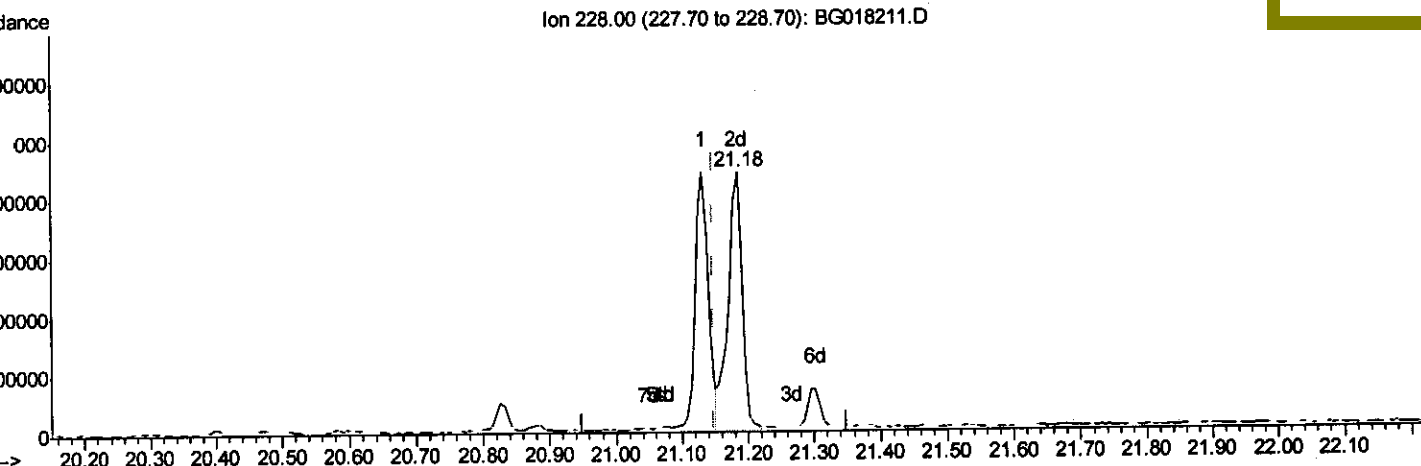
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018211.D
 Acq On : 1 Aug 2015 9:18
 Operator : TP/UM
 Sample : G3065-09
 Disc :
 LS Vial : 31 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Acq Time: Aug 03 01:59:40 2015
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(85) Chrysene

21.184min (+0.036) 43.29ng/ul m

response 662798

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Ion	Exp%	Act%
228.00	100	100
226.00	28.40	30.87
229.00	20.20	24.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

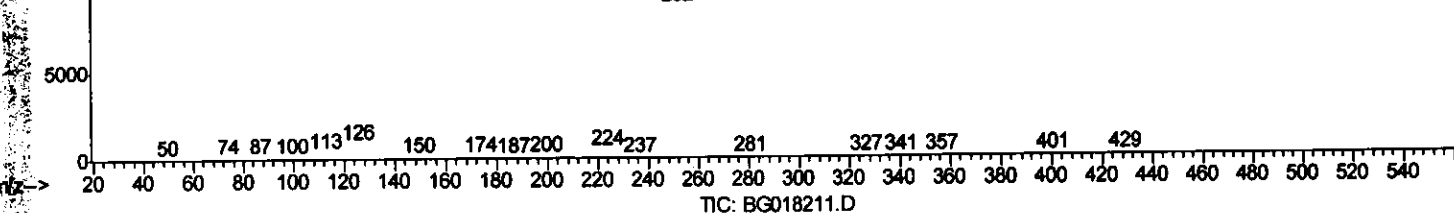
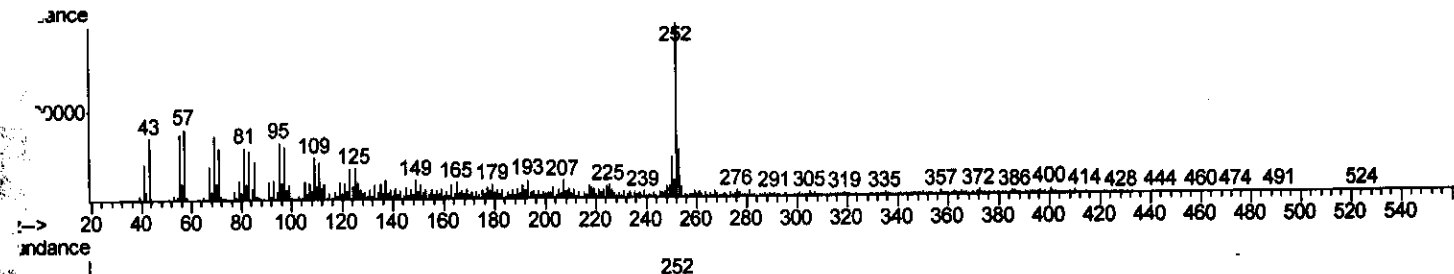
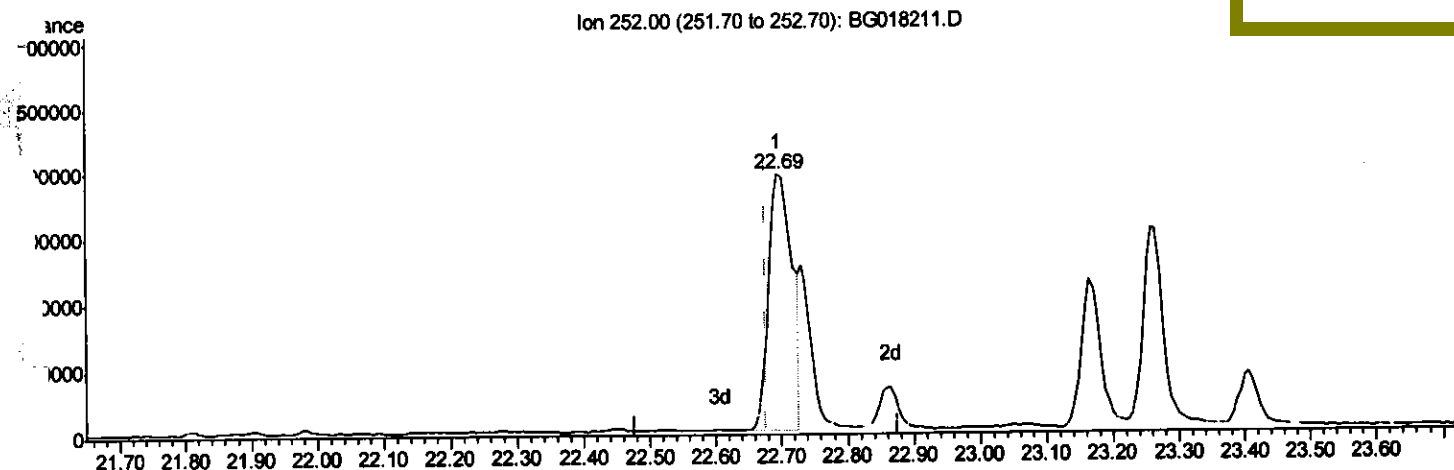
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 Sample : G3065-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

22.694min (+0.018) 55.22ng/ul

response 958924

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	27.13
125.00	9.40	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

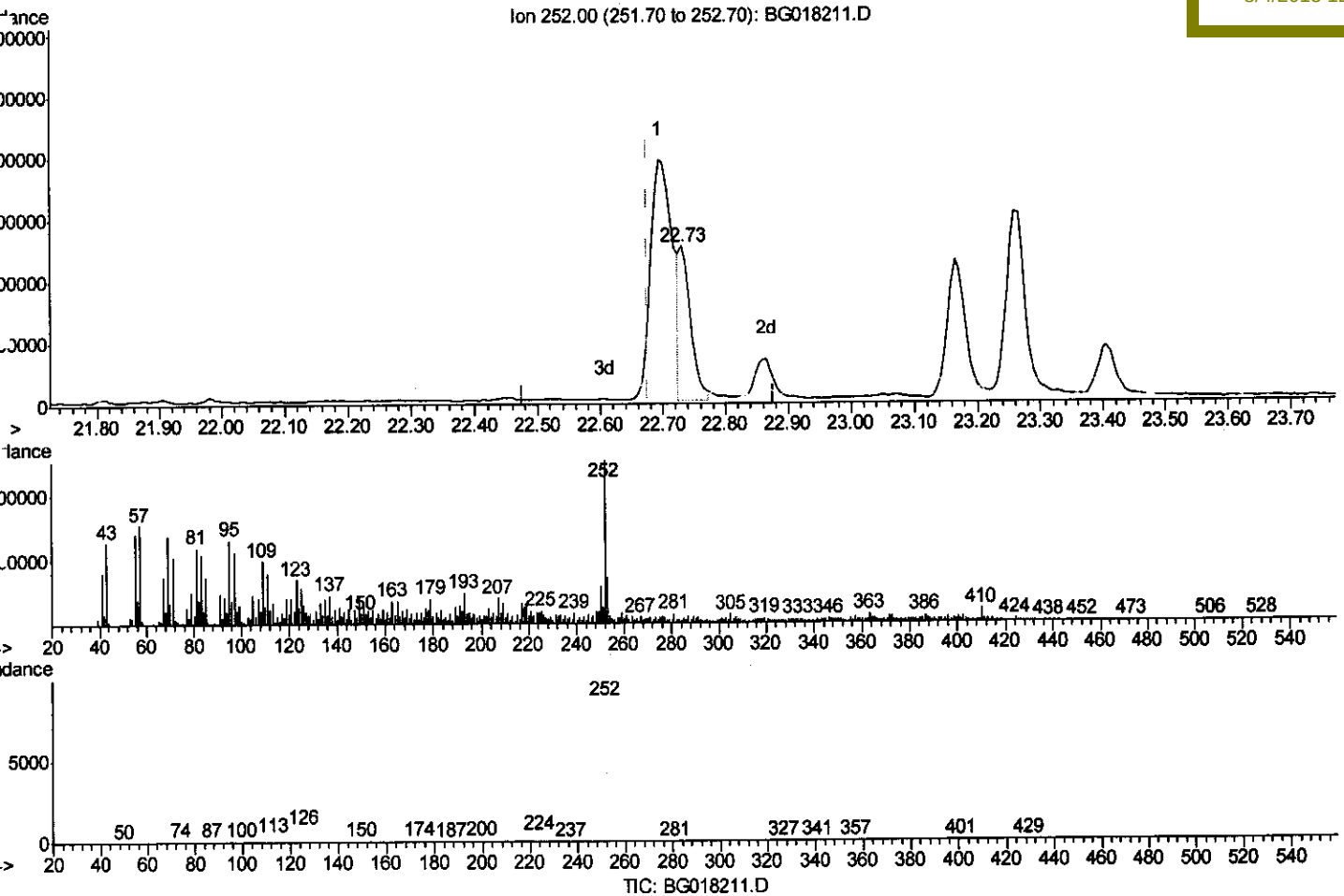
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 Acq On : 1 Aug 2015 9:18
 Operator : TP/UM
 Sample : G3065-09
 Disc :
 LS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02A2

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(89) Benzo(k)fluoranthene

22.730min (+0.053) 17.63ng/ul m

response 306115

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	28.05#
125.00	9.40	22.23#
0.00	0.00	0.00

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Quantitation Report (Qedit)

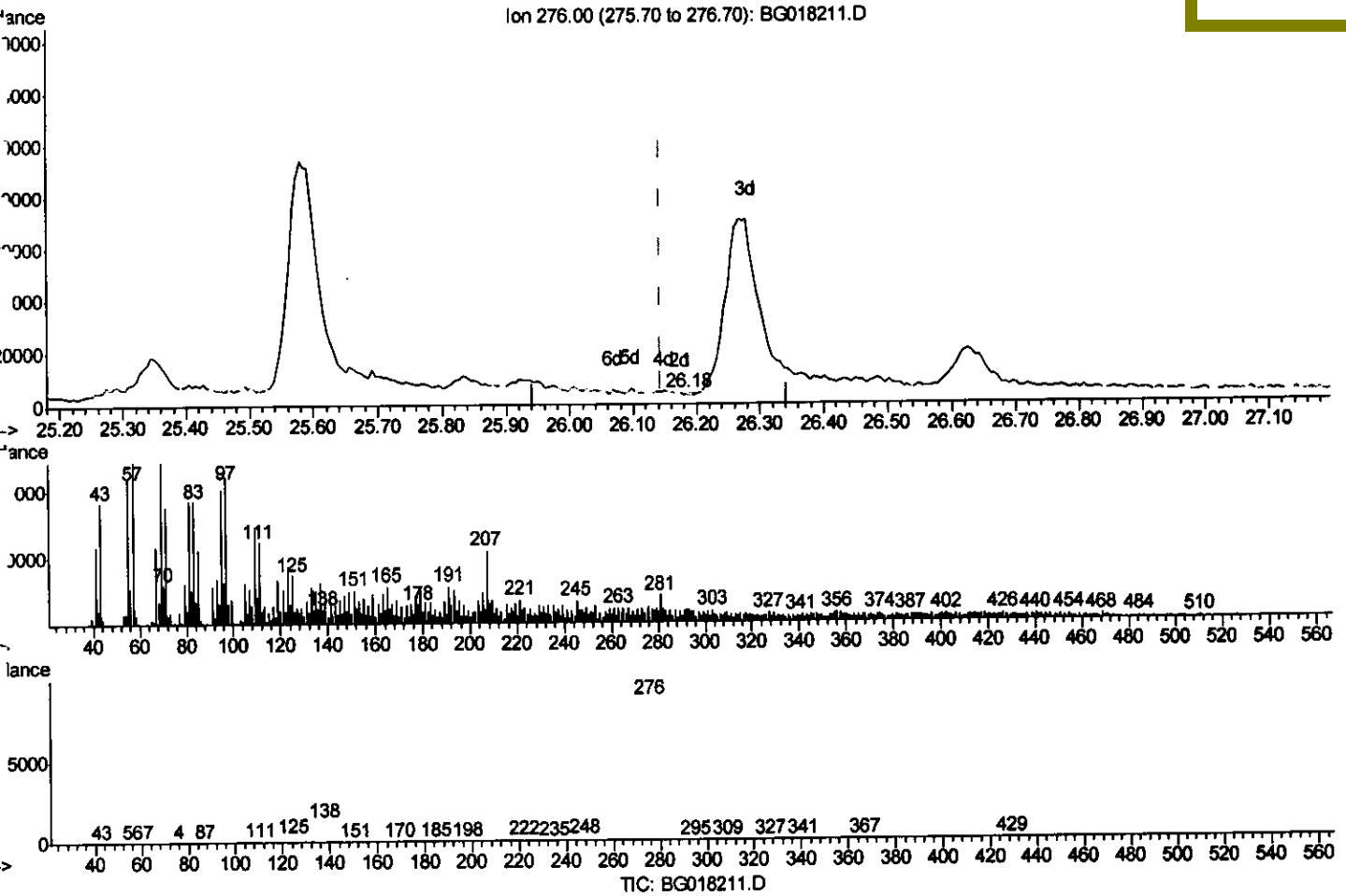
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018211.D
 Acq On : 1 Aug 2015 9:18
 Operator : TP/UM
 Sample : G3065-09
 Vial : 31 Sample Multiplier: 1

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

26.184min (+0.042) 0.05ng/ul

response 791

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	94.84#
277.00	24.70	86.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

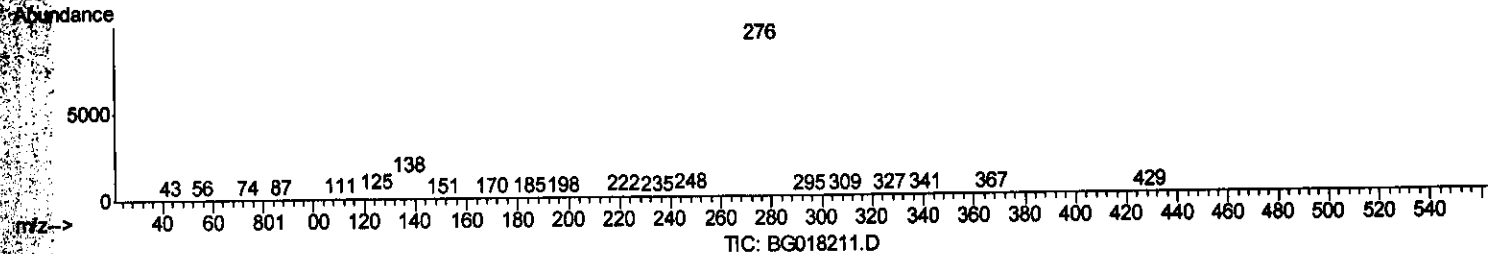
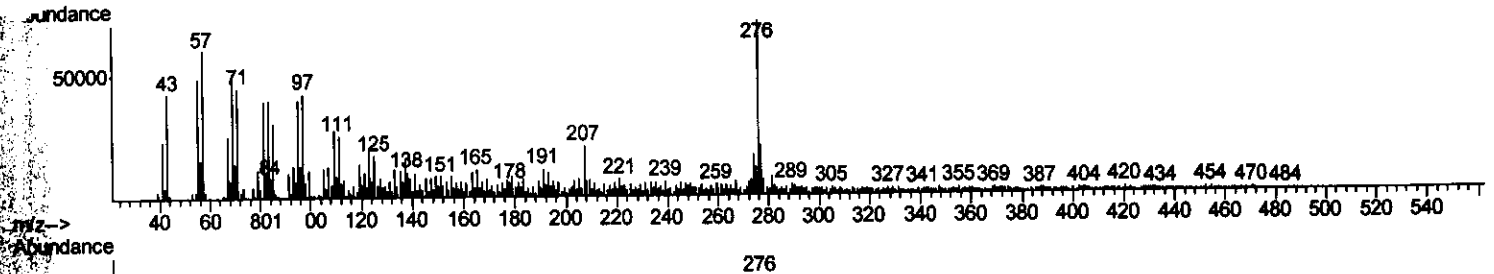
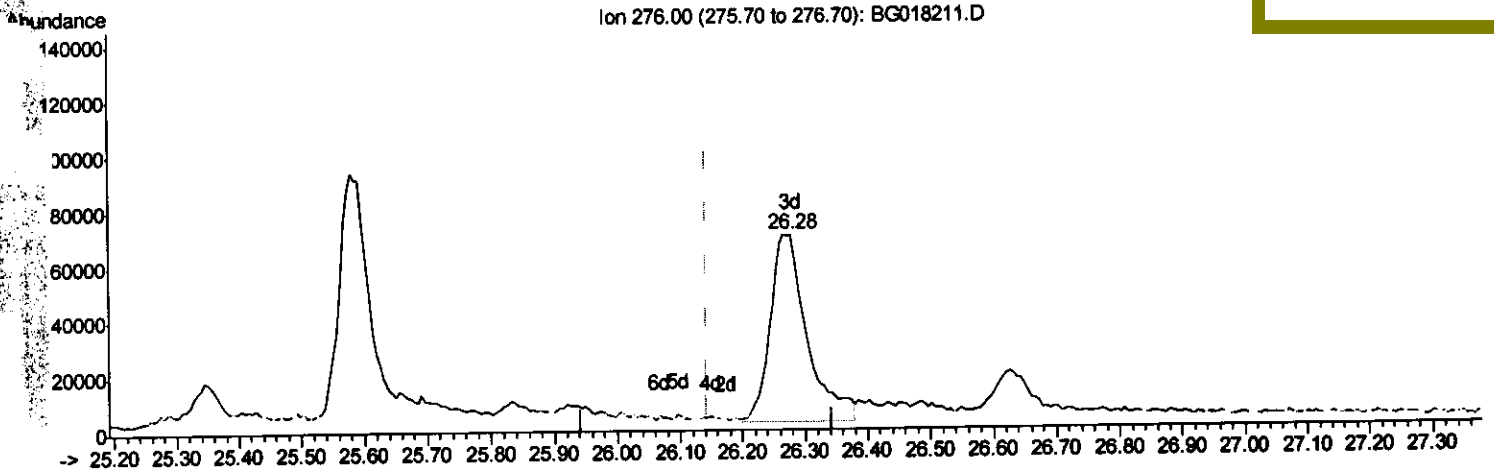
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 ISC :
 LS Vial : 31 Sample Multiplier: 1

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

26.278min (+0.136) 17.09ng/ul m

response 272885

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	14.85#
277.00	24.70	29.09
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	7.49	152	53135	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	203759	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	102003	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	210310	20.00	ng/ul	0.02
78) Chrysene-d12	21.14	240	310376	20.00	ng/ul	0.03
86) Perylene-d12	23.36	264	314503	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	767	1.09	ng/uL	0.00
5) Phenol-d5	6.68	99	42072	8.81	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	23433	9.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	34790	9.64	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	33157	8.52	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	19376	12.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	16094	8.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	36412	11.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	36284	8.94	ng/ul	-0.02
44) Dimethylphthalate-d6	13.58	166	90133	11.44	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	102027	11.16	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	8671	5.94	ng/ul	0.02
58) Fluorene-d10	15.16	176	76662	10.75	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.02	188	106444	11.64	ng/ul	0.02
79) Pyrene-d10	19.34	212	128878	8.58	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.22	264	189460	11.91	ng/ul	0.07

Target Compounds

					Ovalue
11) 2-Methylphenol	7.95	108	10769	2.81	ng/ul 100
14) Acetophenone	8.29	105	53839	8.89	ng/ul 95
16) 4-Methylphenol	8.28	108	70172	16.56	ng/ul 86
24) 2,4-Dimethylphenol	9.47	107	145750	36.01	ng/ul# 80
28) Naphthalene	10.32	128	183547	18.71	ng/ul 98
34) 2-Methylnaphthalene	11.95	142	125907	16.21	ng/ul 99
35) 1-Methylnaphthalene	12.17	142	79993	10.74	ng/ul# 95
41) 1,1'-Biophenyl	12.98	154	25057	3.44	ng/ul# 95
45) Dimethylphthalate	13.63	163	172275	21.97	ng/ul 99
50) Acenaphthene	14.23	153	83106	14.06	ng/ul 97
54) Dibenzofuran	14.57	168	73635	8.27	ng/ul# 70
57) Diethylphthalate	15.00	149	19083	2.35	ng/ul# 84
59) Fluorene	15.22	166	108763	14.15	ng/ul# 95
70) Phenanthrene	16.97	178	800903	74.96	ng/ul 98
72) Anthracene	17.06	178	215272m	20.25	ng/ul
75) Carbazole	17.34	167	76906	8.71	ng/ul# 88
76) Di-n-butylphthalate	17.91	149	56025	4.77	ng/ul# 84
77) Fluoranthene	19.01	202	1110719	94.66	ng/ul# 95
80) Pyrene	19.37	202	1112400	59.09	ng/ul 95
81) Butylbenzylphthalate	20.29	149	109773	14.36	ng/ul# 73
83) Benzo(a)anthracene	21.13	228	594472	35.57	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.07	149	2222854	215.45	ng/ul# 68
85) Chrysene	21.18	228	662798m	43.29	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	22.69	252	958924	50.75	ng/ul#	88
89) Benzo(k)fluoranthene	22.73	252	306115m	17.63	ng/ul	
91) Benzo(a)pyrene	23.26	252	596885	35.31	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.58	276	286920	14.67	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.58	278	72478	4.33	ng/ul#	70
94) Benzo(a,h,i)perylene	26.28	276	272885m	17.09	ng/ul	

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