Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006789.D
Acq On : 31 Jul 2016 14:57
Operator : UM/SJ
Sample : H4190-02
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:42:43 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	167141	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	747415	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	424976	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	979504	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1092526	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1132382	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	9106	2.20	ng/uL	0.00
3) Phenol-d5	6.79	99	344262	24.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	240036	27.25	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	288738	25.41	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	228863	20.75	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	149819	26.48	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	158526	26.35	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	284500	25.02	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	293433	23.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	880661	26.43	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1160896	27.30	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	97553	16.86	ng/ul	0.00
21) Fluorene-d10	15.26	176	812799	27.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	90596	17.82	ng/ul	0.00
26) Anthracene-d10	17.11	188	1218742	26.20	ng/ul	0.00
30) Pyrene-d10	19.41	212	1402095	28.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1374962	26.40	ng/ul	-0.01
Target Compounds						Qvalue
28) Fluoranthene	19.44	202	81406	1.26	ng/ul	96
31) Pyrene	19.44	202	81406	1.23	ng/ul	98
33) Chrysene	21.24	228	68989	1.13	ng/ul	96
35) Benzo(b)fluoranthene	22.75	252	88709	1.31	ng/ul	95
36) Benzo(k)fluoranthene	22.75	252	88709	1.35	ng/ul	95

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

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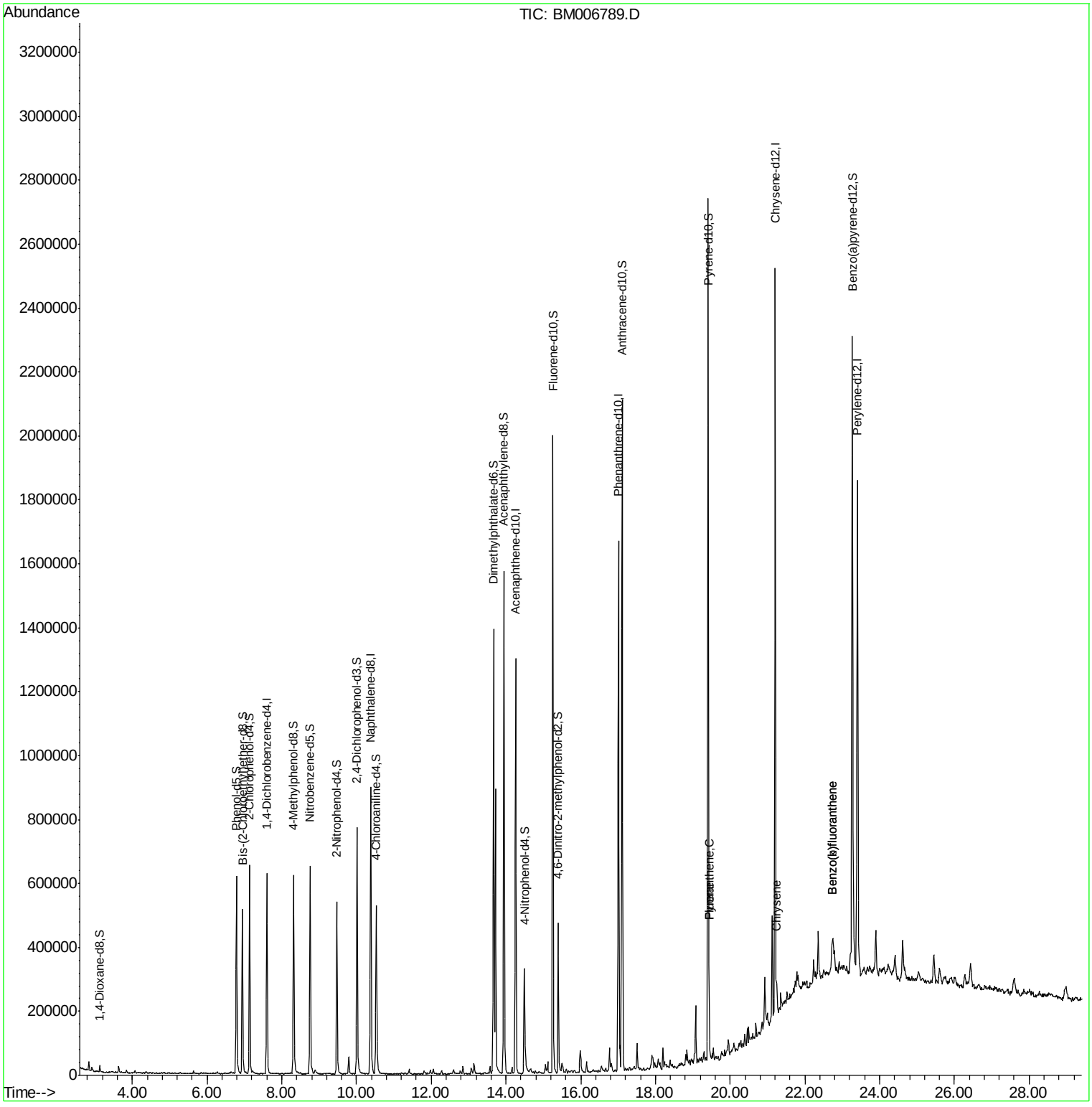
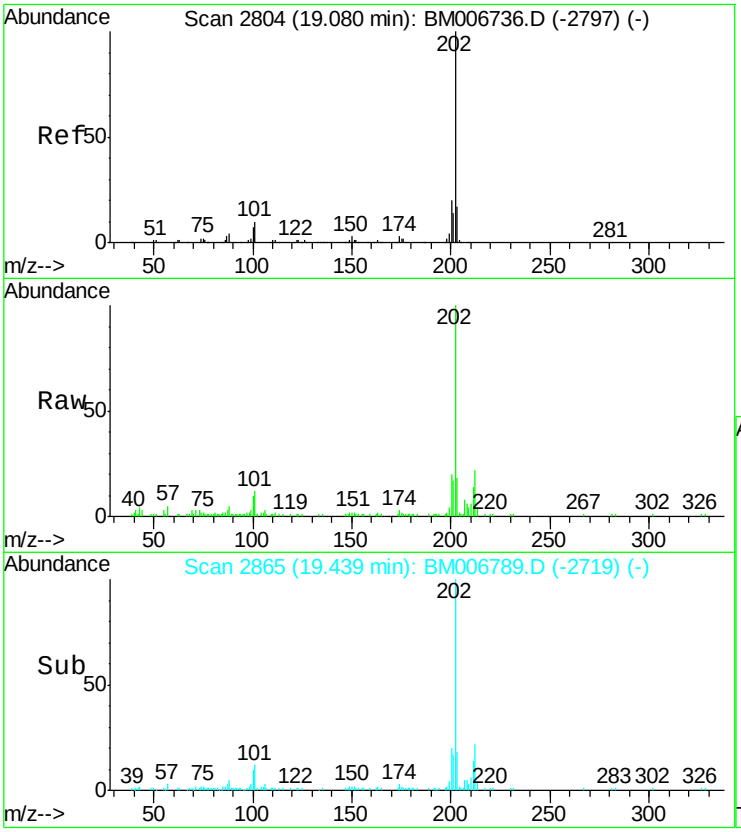


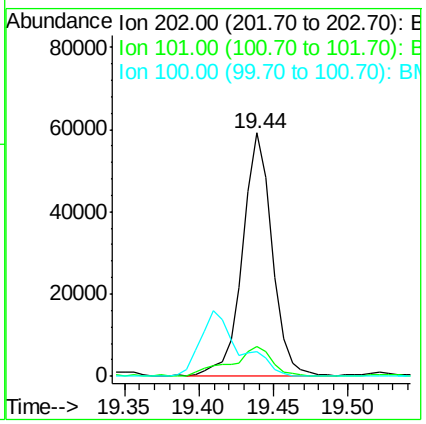


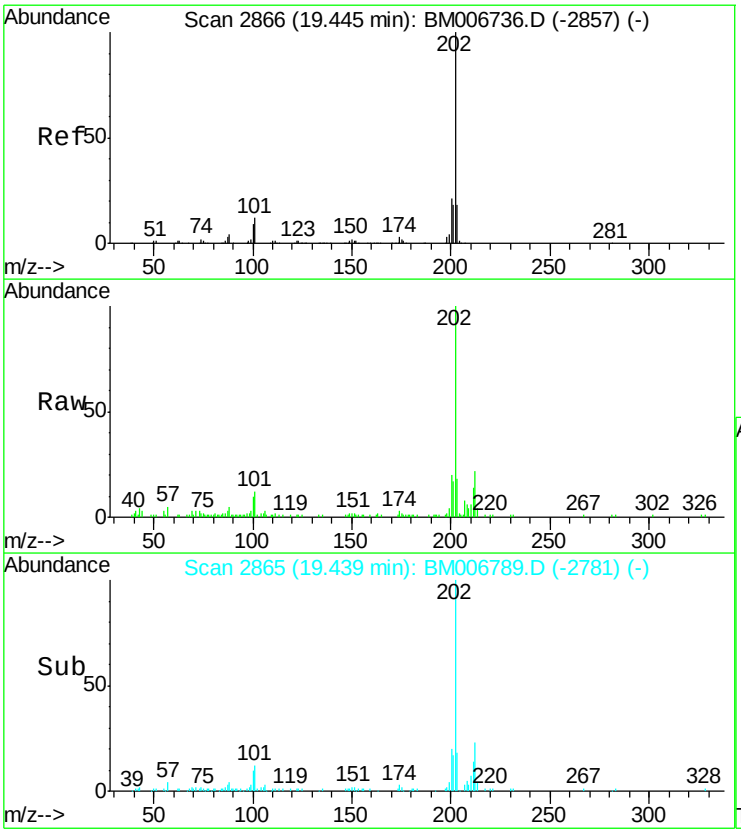
#28
Fluoranthene
Concen: 1.26 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. 0.36 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 81406

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.4	7.0	10.4

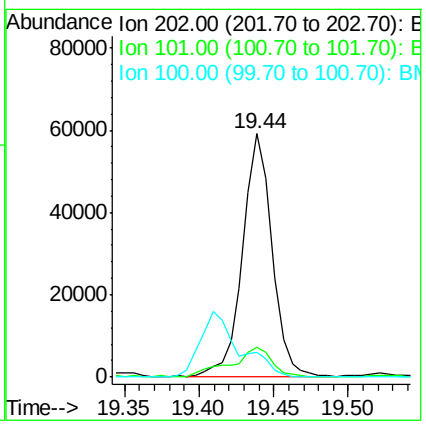


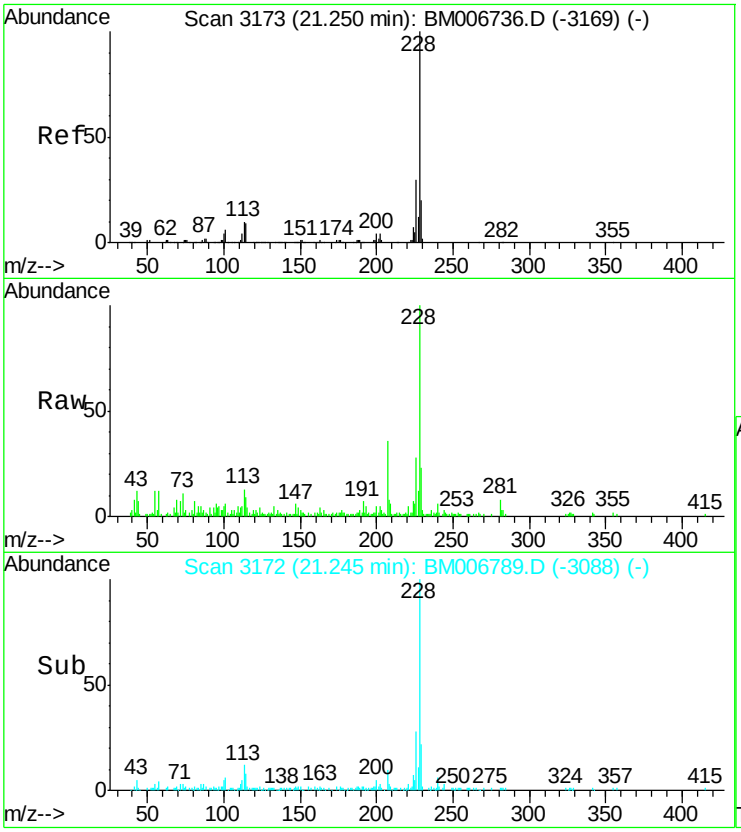


#31
Pyrene
Concen: 1.23 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Tgt Ion:202 Resp: 81406

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	10.4	9.3	13.9



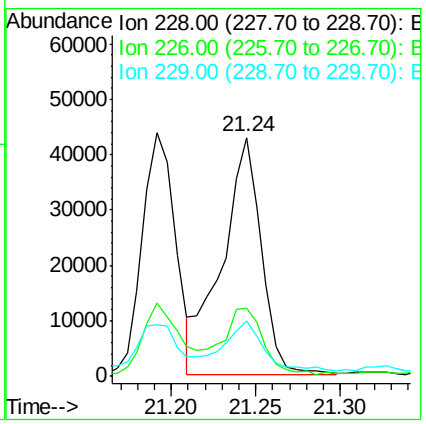


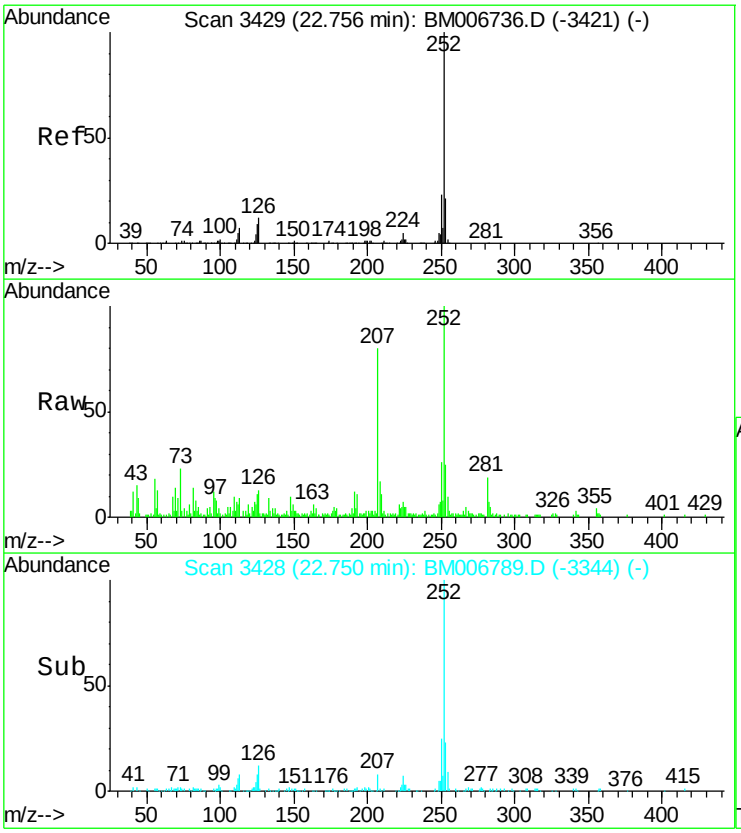
#33
Chrysene
Concen: 1.13 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 68989

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	23.2	16.2	24.2

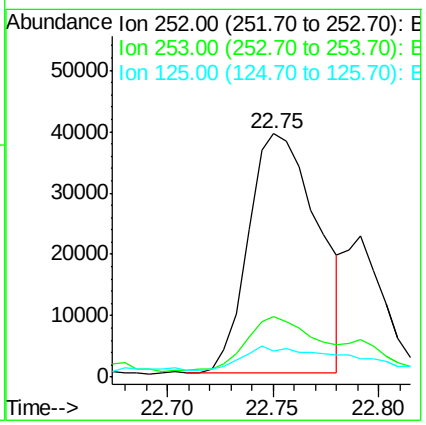


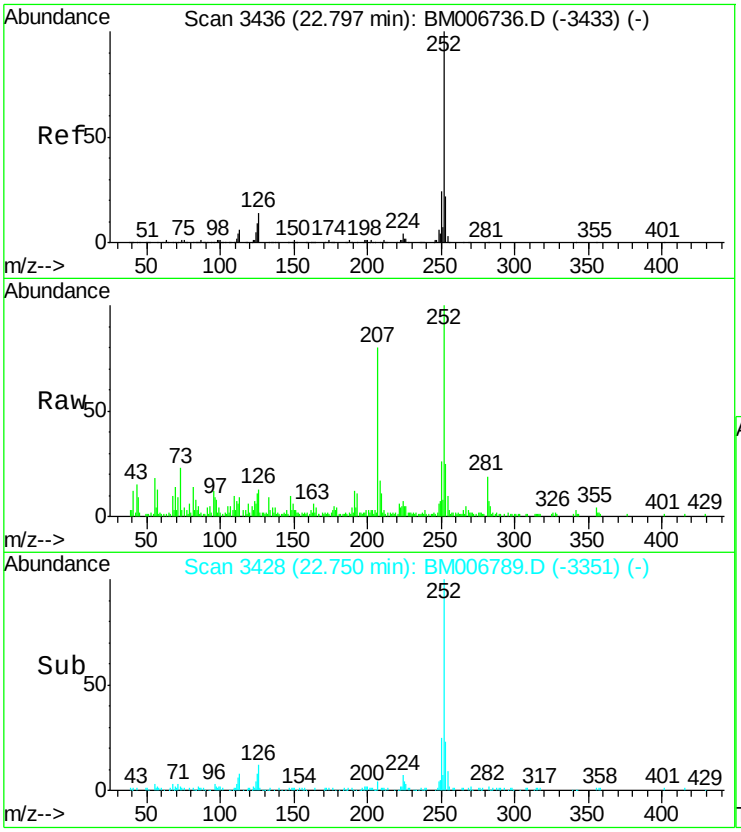


#35
Benzo(b)fluoranthene
Concen: 1.31 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Tgt Ion:252 Resp: 88709

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.1	27.1
125	10.7	7.6	11.4





#36
Benzo(k)fluoranthene
Concen: 1.35 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006789.D
Acq: 31 Jul 2016 14:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 88709

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	10.7	7.7	11.5