Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102220\
Data File : BG047055.D
Acq On : 23 Oct 2020 7:10
Operator : CG/JU
Sample : L4451-04
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE2

Quant Time: Oct 23 07:59:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 23 04:22:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	65853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	244634	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	158732	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	326785	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	329213	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	358839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						Qvalue
70) Phenanthrene	17.47	178	86020	4.693	ng/ul	98
77) Fluoranthene	19.48	202	94346	4.277	ng/ul	99
83) Benzo(a)anthracene	21.68	228	28530	1.279	ng/ul	96
85) Chrysene	21.74	228	39407	1.837	ng/ul	97
88) Benzo(b)fluoranthene	23.90	252	24227	1.016	ng/ul#	90

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

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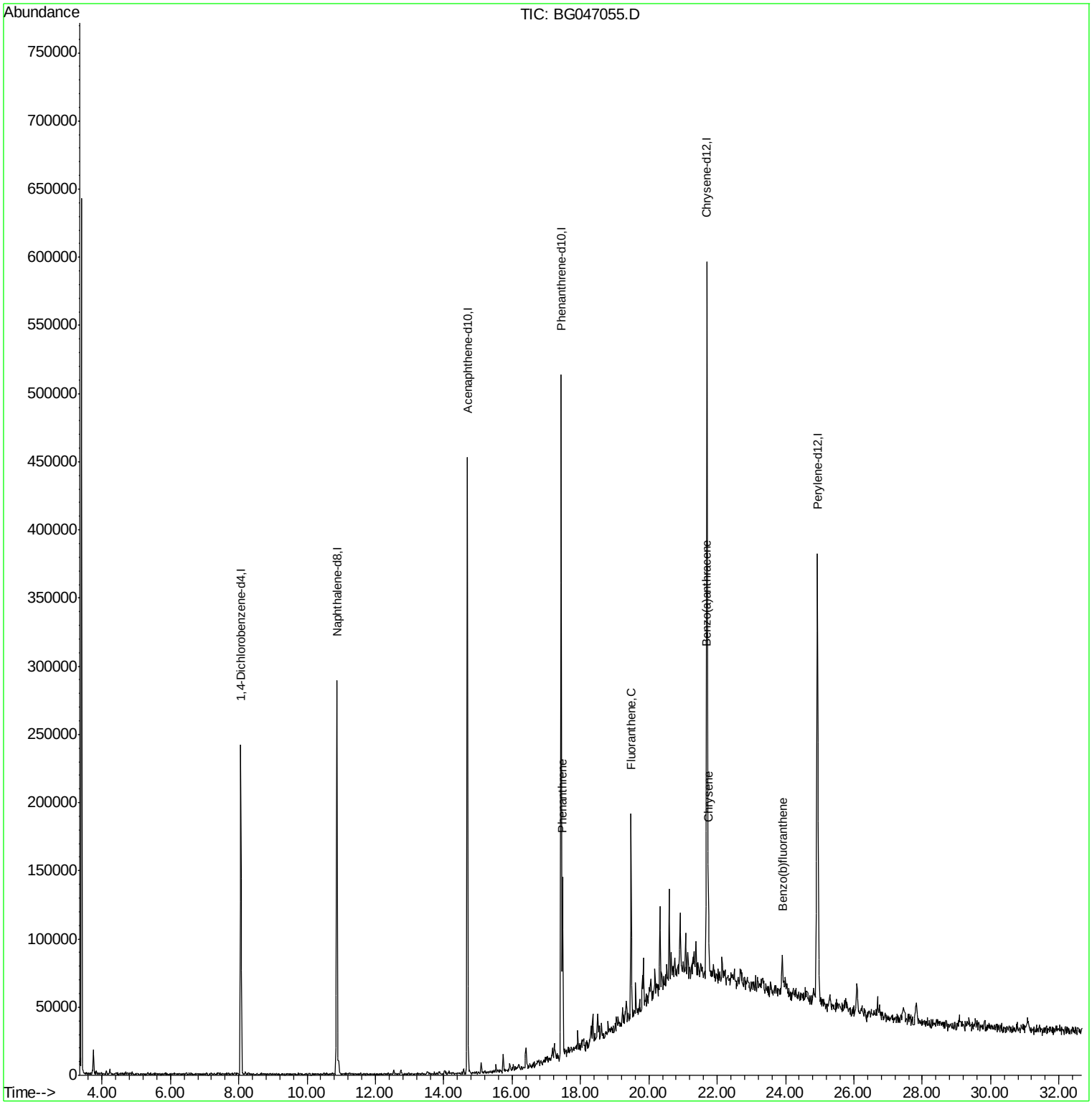
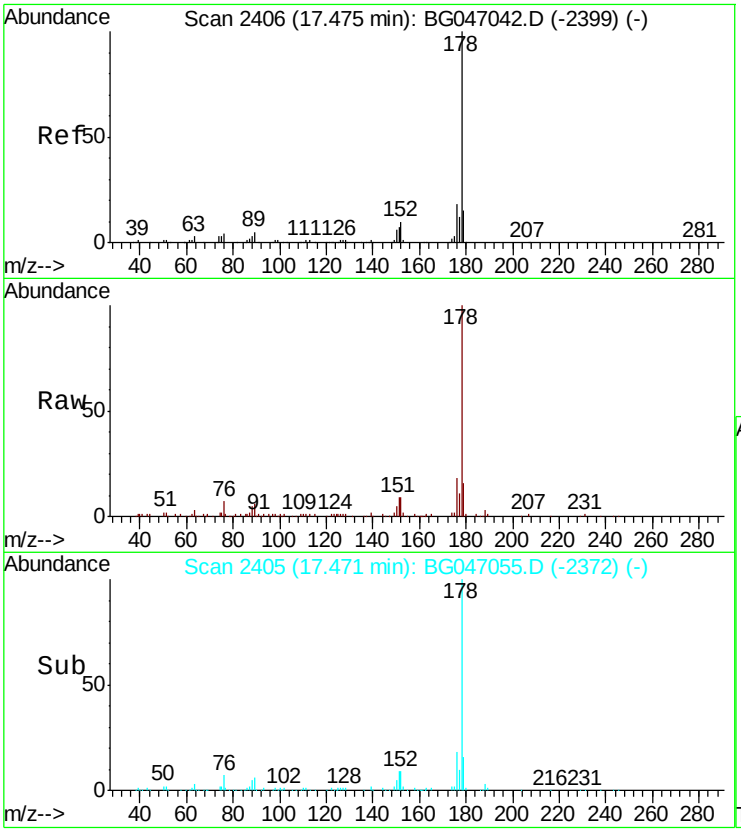


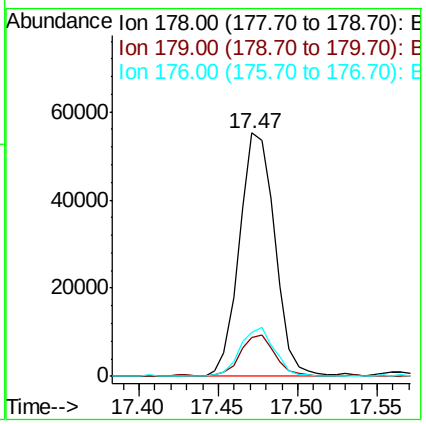


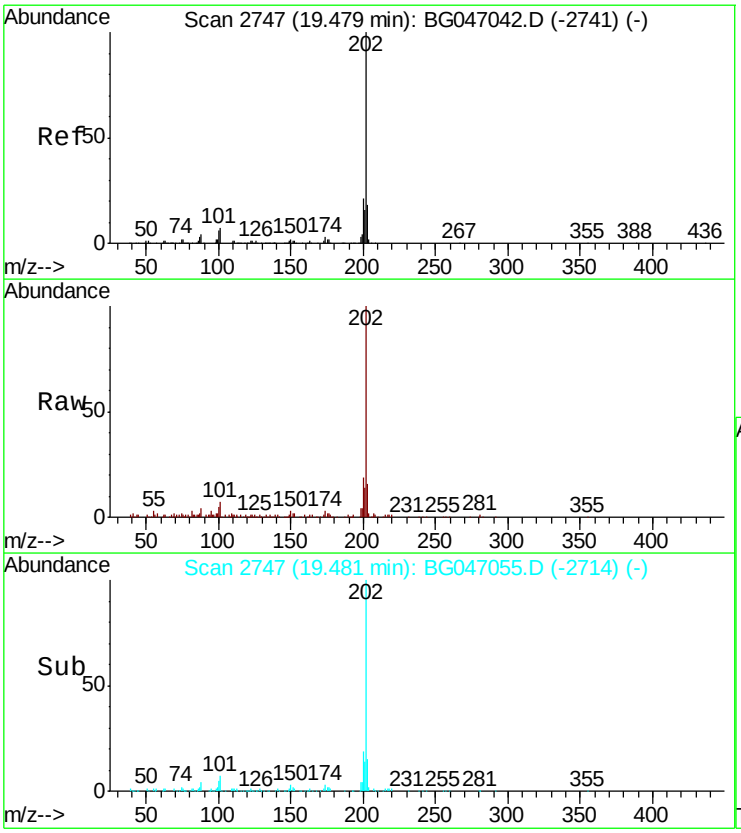
#70
Phenanthrene
Concen: 4.693 ng/ul
RT: 17.47 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG047055.D
Acq: 23 Oct 2020 7:10

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:178 Resp: 86020

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	17.9	15.5	23.3

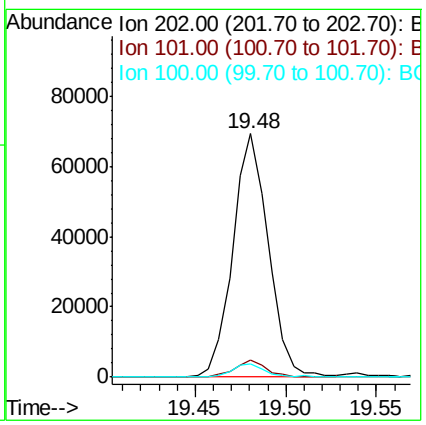


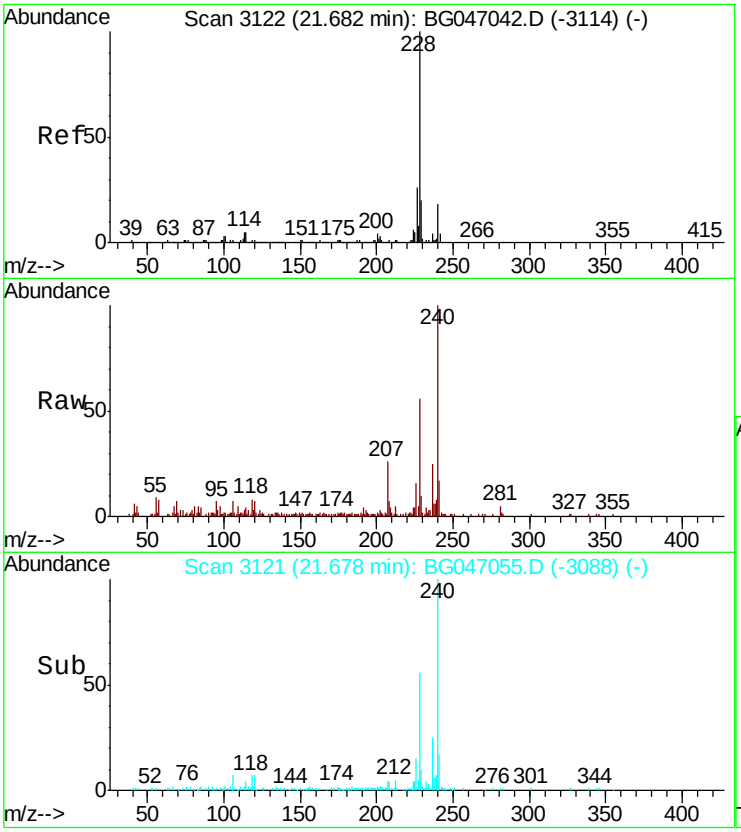


#77
Fluoranthene
Concen: 4.277 ng/ul
RT: 19.48 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BG047055.D
Acq: 23 Oct 2020 7:10

Tgt Ion:202 Resp: 94346

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.9	7.3
100	5.3	4.2	6.4



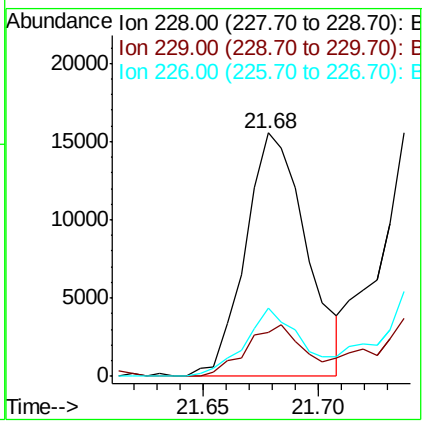


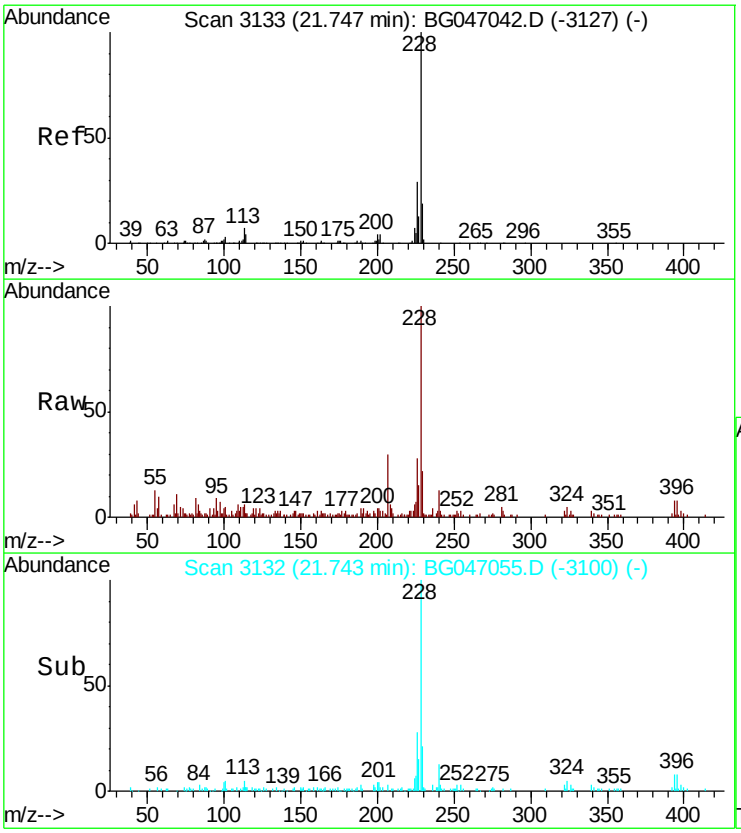
#83
Benzo(a)anthracene
Concen: 1.279 ng/ul
RT: 21.68 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG047055.D
Acq: 23 Oct 2020 7:10

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:228 Resp: 28530

Ion	Ratio	Lower	Upper
228	100		
229	18.1	16.0	24.0
226	27.9	20.8	31.2

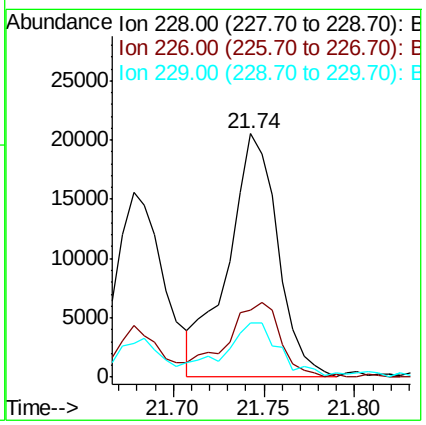


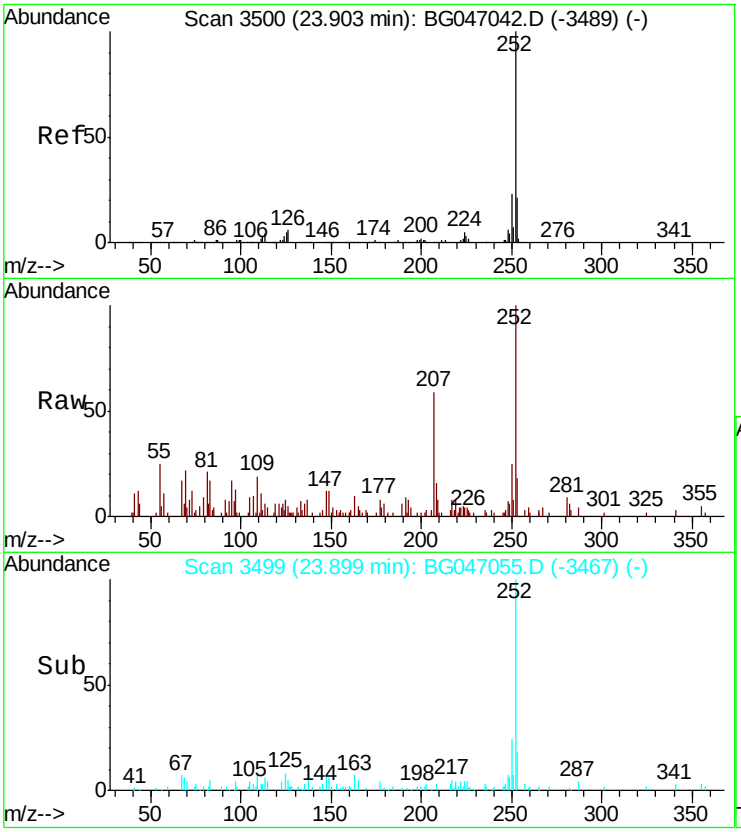


#85
Chrysene
Concen: 1.837 ng/ul
RT: 21.74 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG047055.D
Acq: 23 Oct 2020 7:10

Tgt Ion:228 Resp: 39407

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.8	34.2
229	22.4	16.2	24.2





#88
Benzo(b)fluoranthene
Concen: 1.016 ng/ul
RT: 23.90 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BG047055.D
Acq: 23 Oct 2020 7:10

Instrument :
BNA_G
ClientSampleId :
C0AE2

Tgt Ion:252 Resp: 24227

Ion	Ratio	Lower	Upper
252	100		
253	17.8	18.4	27.6#
125	8.3	4.2	6.4#