

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050035.D
 Acq On : 30 Aug 2021 17:04
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR8

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:35:18 AM

Quant Time: Aug 30 17:43:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	27009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.783	136	113545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.625	164	77407	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	156277	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	131506	20.000	ng/ul	0.00
88) Perylene-d12	24.882	264	136752	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	1030m	1.967	ng/uL	0.00
4) Pyridine-d5	3.787	84	3724m	2.360	ng/ul	0.04
7) Phenol-d5	7.135	99	26912	11.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	15655	12.286	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	21918	12.772	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	15429	8.542	ng/ul	0.00
21) Nitrobenzene-d5	9.133	128	12054	13.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.867	143	13129	12.525	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.413	165	24137	12.910	ng/ul	0.00
31) 4-Chloroaniline-d4	10.930	131	5552	2.182	ng/ul	0.00
46) Dimethylphthalate-d6	14.026	166	86758	14.645	ng/ul	0.00
49) Acenaphthylene-d8	14.320	160	109732	15.798	ng/ul	0.00
54) 4-Nitrophenol-d4	14.860	143	9127	10.649	ng/ul	0.01
60) Fluorene-d10	15.618	176	77722	15.474	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.765	200	7613	7.572	ng/ul	0.00
73) Anthracene-d10	17.480	188	110828	15.793	ng/ul	0.00
81) Pyrene-d10	19.771	212	122785	17.278	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.659	264	106052	14.618	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.421	178	18301	2.349	ng/ul	94
80) Fluoranthene	19.436	202	23203	2.646	ng/ul#	97
82) Pyrene	19.800	202	18169	2.091	ng/ul#	91
85) Benzo(a)anthracene	21.633	228	11144	1.360	ng/ul	98
87) Chrysene	21.698	228	8320	1.074	ng/ul	93
90) Benzo(b)fluoranthene	23.860	252	13944	1.594	ng/ul#	87

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

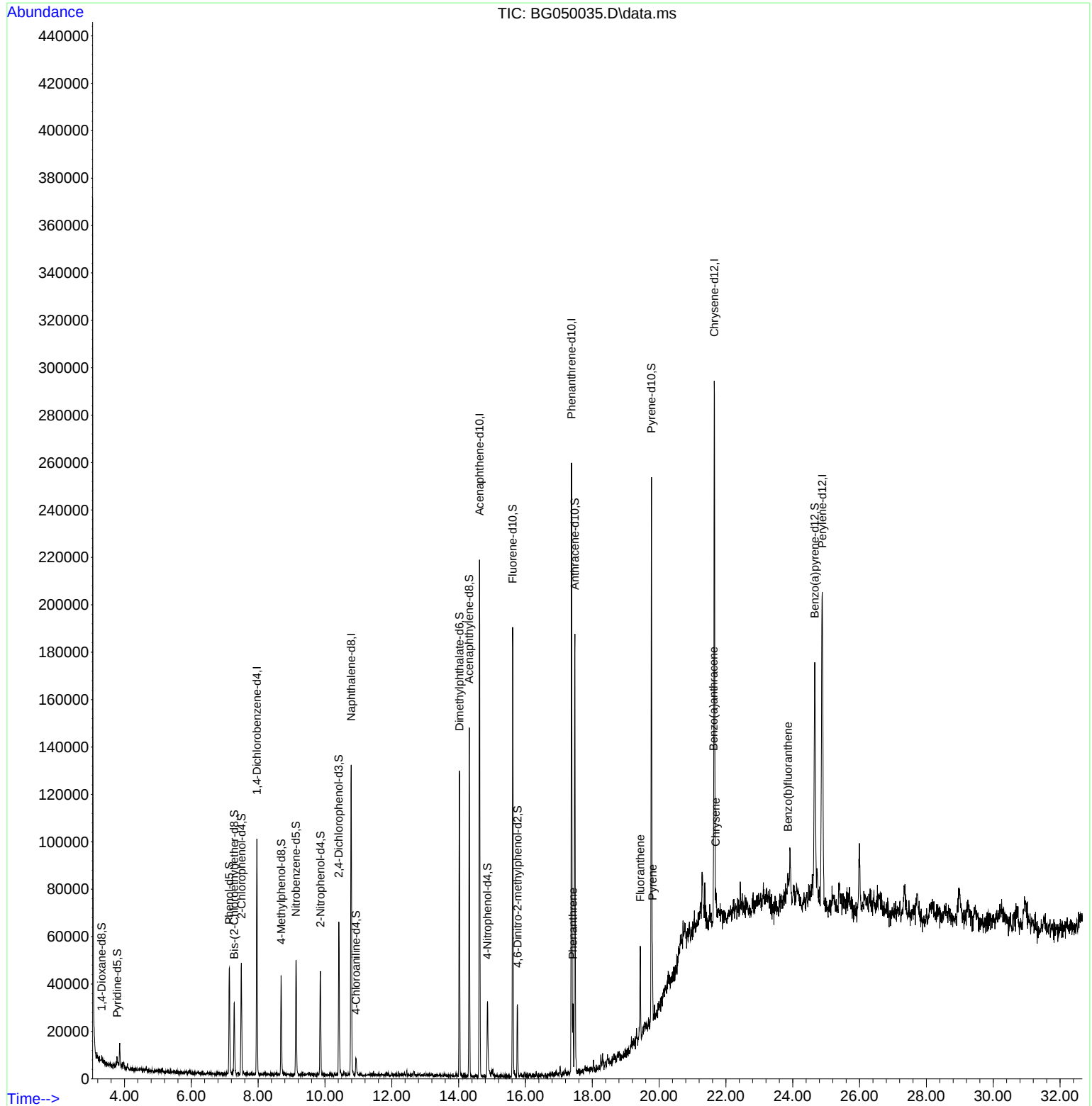
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050035.D
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ALS Vial : 8 Sample Multiplier: 1

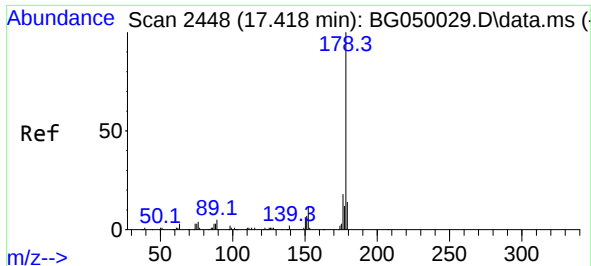
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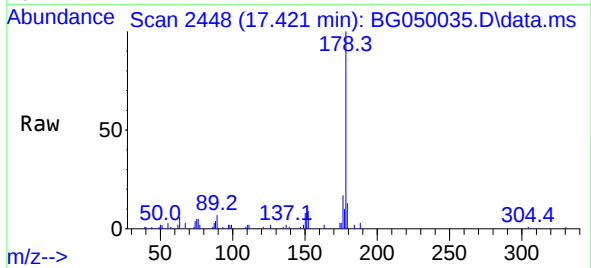
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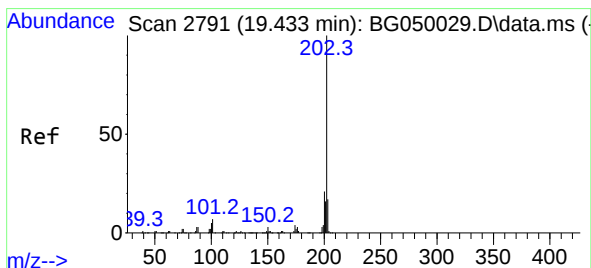
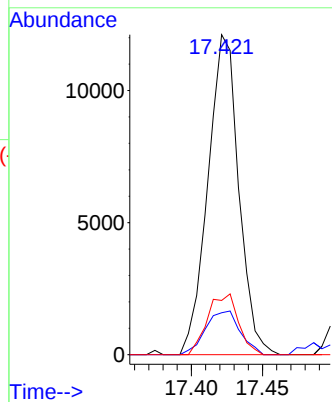
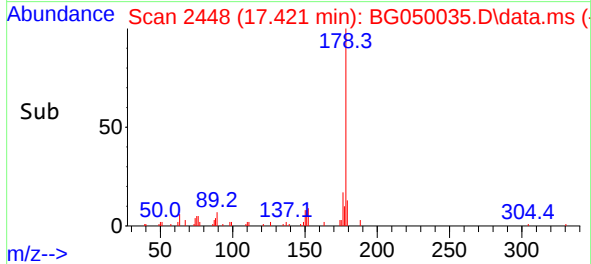




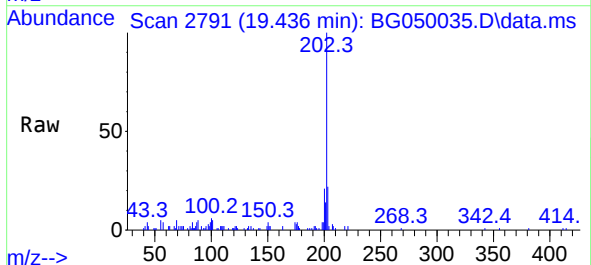
#72
Phenanthrene
Concen: 2.349 ng/ul
RT: 17.421 min Scan# 2448
Delta R.T. 0.003 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04



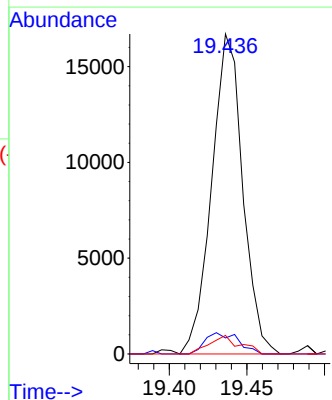
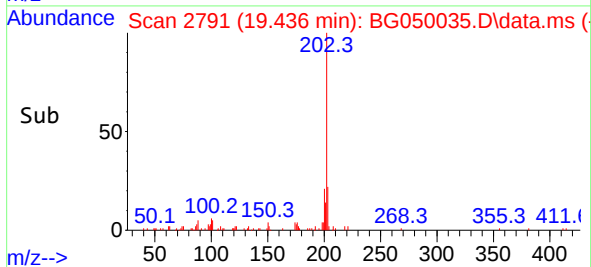
Tgt Ion:178 Resp: 18301
Ion Ratio Lower Upper
178 100
179 13.1 11.7 17.5
176 16.9 16.2 24.2



#80
Fluoranthene
Concen: 2.646 ng/ul
RT: 19.436 min Scan# 2791
Delta R.T. 0.003 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04



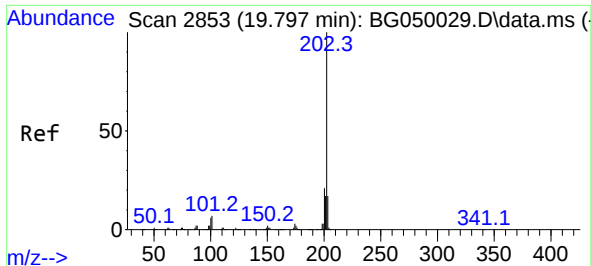
Tgt Ion:202 Resp: 23203
Ion Ratio Lower Upper
202 100
101 5.0 4.3 6.5
100 5.8 3.5 5.3#



Instrument :
BNA_G
ClientSampled :
C0AR8

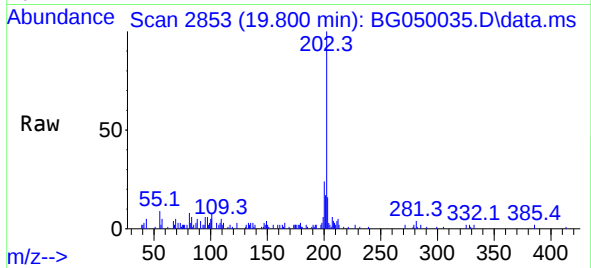
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#82
Pyrene
Concen: 2.091 ng/ul
RT: 19.800 min Scan# 2853
Delta R.T. 0.003 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04

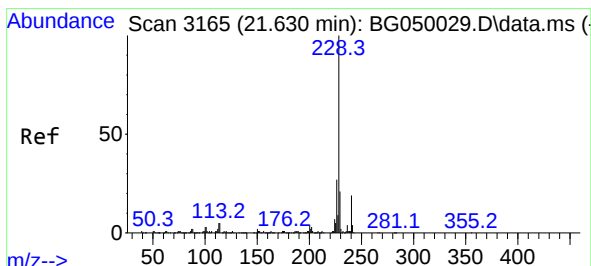
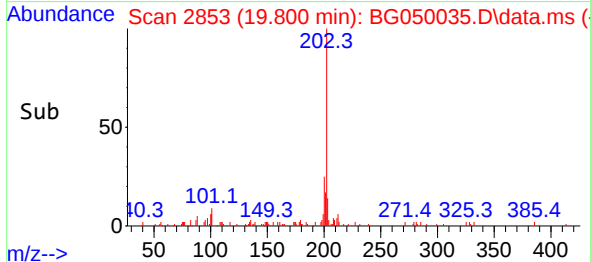
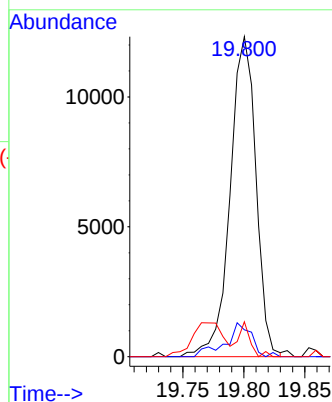
Instrument :
BNA_G
ClientSampled :
C0AR8



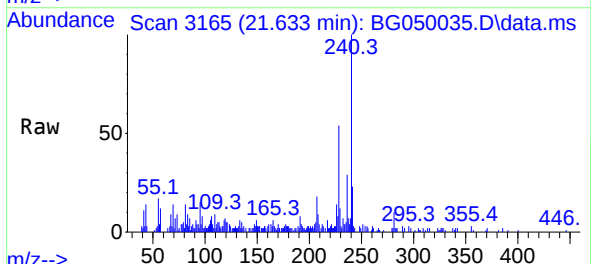
Tgt Ion:202 Resp: 18169
Ion Ratio Lower Upper
202 100
101 8.4 5.4 8.0#
100 10.9 5.0 7.6#

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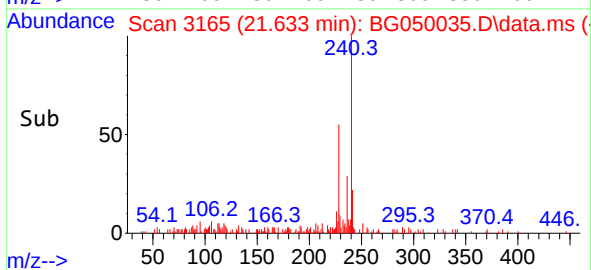
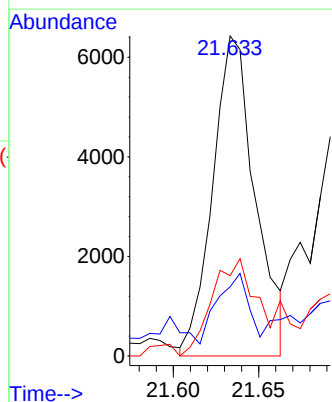
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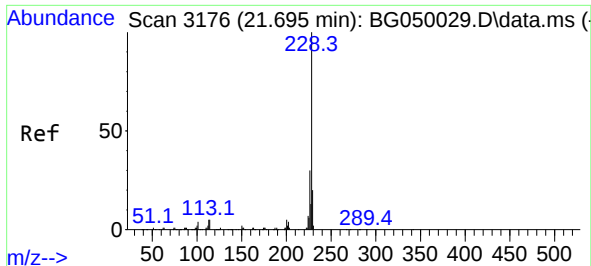


#85
Benzo(a)anthracene
Concen: 1.360 ng/ul
RT: 21.633 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04



Tgt Ion:228 Resp: 11144
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.4
226 25.1 21.0 31.4





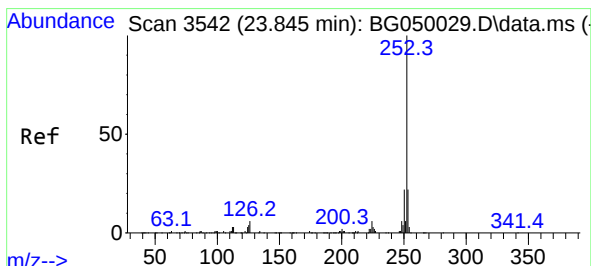
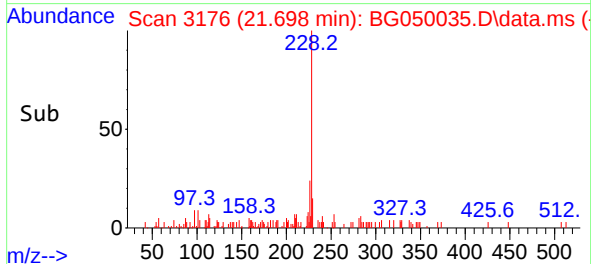
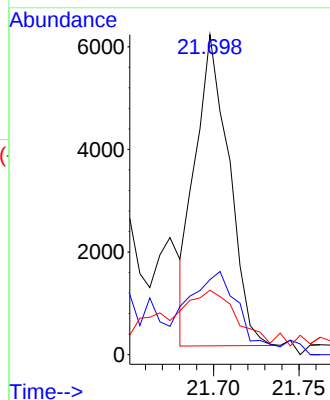
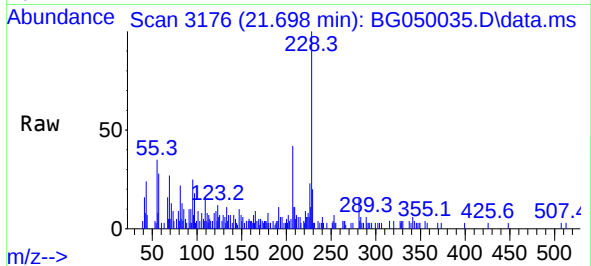
#87
Chrysene
Concen: 1.074 ng/ul
RT: 21.698 min Scan# 3176
Delta R.T. 0.003 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04

Tgt Ion:	228	Resp:	8320
Ion Ratio	Lower	Upper	
228	100		
226	23.4	23.0	34.4
229	20.2	17.8	26.6

Instrument :
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#90
Benzo(b)fluoranthene
Concen: 1.594 ng/ul
RT: 23.860 min Scan# 3544
Delta R.T. 0.015 min
Lab File: BG050035.D
Acq: 30 Aug 2021 17:04

Tgt Ion:	252	Resp:	13944
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.1	27.1#
125	14.1	3.4	5.0#

