

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020907.D
 Acq On : 11 Jul 2024 17:24
 Operator : MA/JU
 Sample : P3088-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D09

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

Quant Time: Jul 11 23:34:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	189714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	724484	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.345	164	444417	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.163	188	908095	20.000	ng/u1	-0.02
79) Chrysene-d12	21.627	240	886103	20.000	ng/u1	0.00
88) Perylene-d12	24.986	264	1056518	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	11804	2.831	ng/uL	0.00
4) Pyridine-d5	3.681	84	35763	2.963	ng/u1	0.01
7) Phenol-d5	6.916	99	277955	17.971	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	164130	17.510	ng/u1	0.00
11) 2-Chlorophenol-d4	7.264	132	233130	18.294	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	232366	18.089	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	107304	19.069	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	124619	19.349	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	232904	19.998	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	121160	7.853	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	731276	22.635	ng/u1	-0.02
49) Acenaphthylene-d8	14.040	160	813380	22.422	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.604	143	93543	20.351	ng/u1	0.00
60) Fluorene-d10	15.357	176	619573	23.376	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.510	200	93257	16.973	ng/u1	0.00
73) Anthracene-d10	17.269	188	936442	23.218	ng/u1	0.00
81) Pyrene-d10	19.651	212	989756	18.067	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.745	264	821316	15.762	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	72369	1.536	ng/u1	97
80) Fluoranthene	19.304	202	169528	2.562	ng/u1	98
82) Pyrene	19.686	202	134476	1.998	ng/u1	99
85) Benzo(a)anthracene	21.604	228	93481m	1.506	ng/u1	
87) Chrysene	21.675	228	99699	1.729	ng/u1	94
90) Benzo(b)fluoranthene	23.910	252	143672	2.241	ng/u1#	92

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

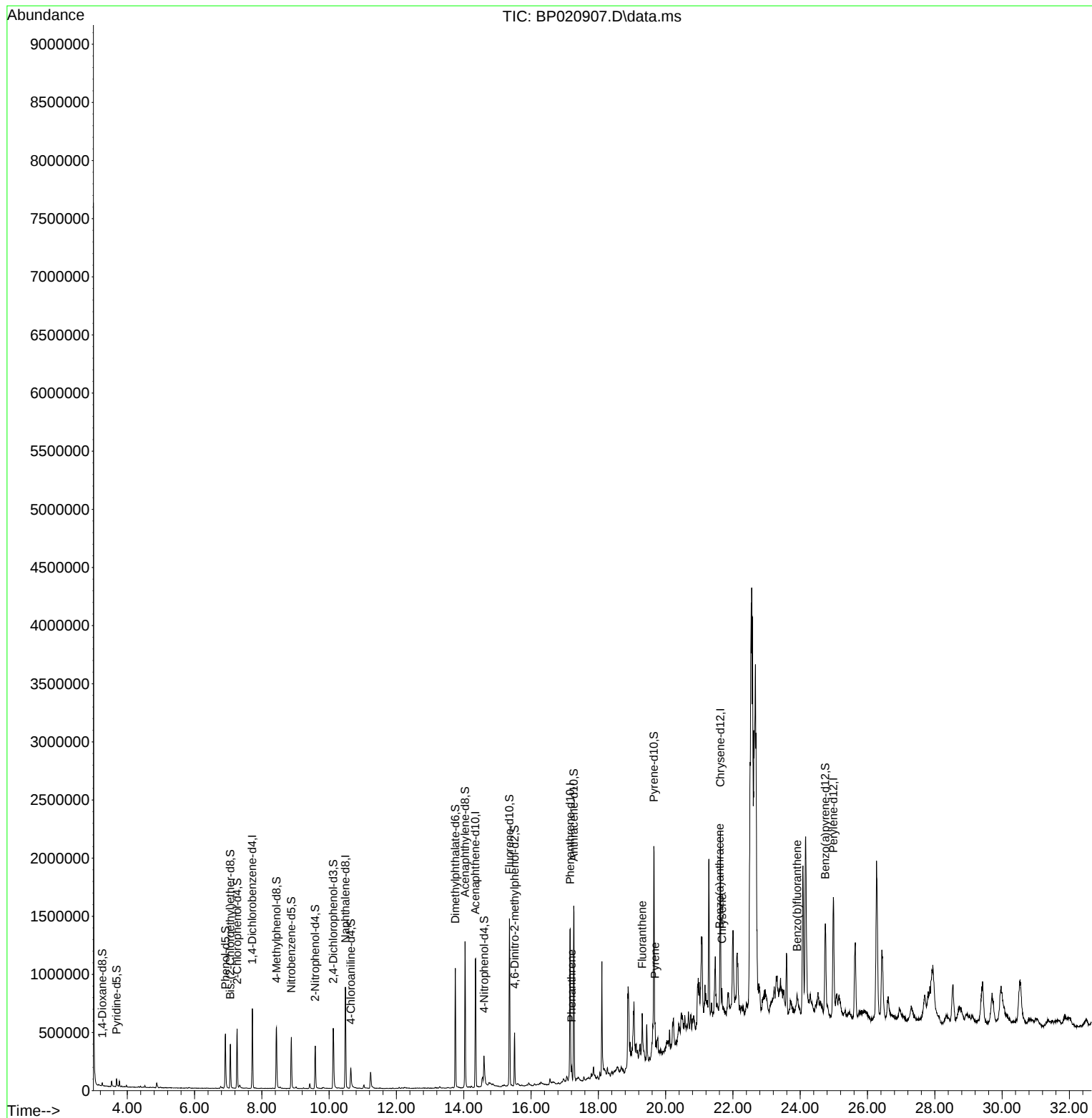
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
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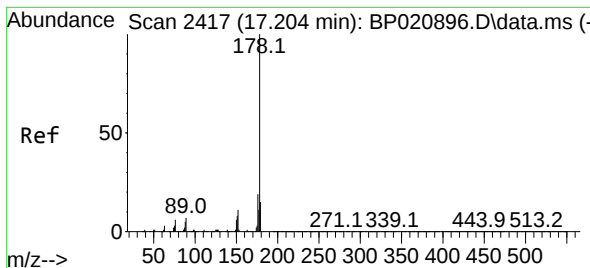
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.536 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Instrument :

BNA_P

ClientSampleId :

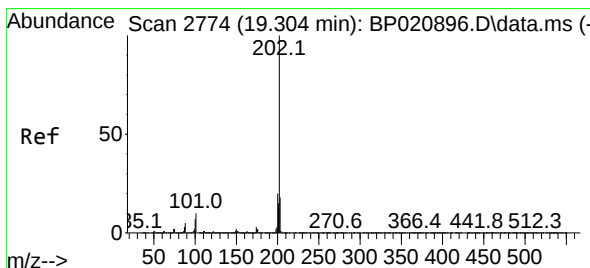
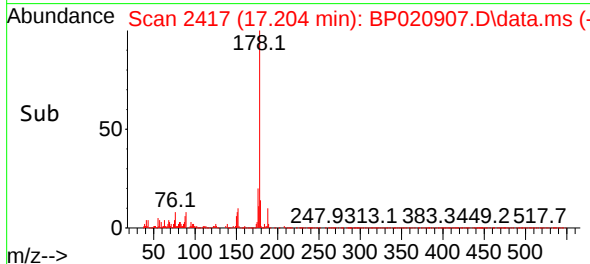
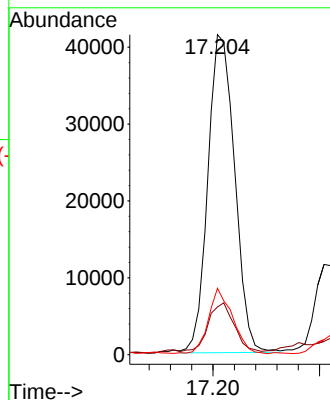
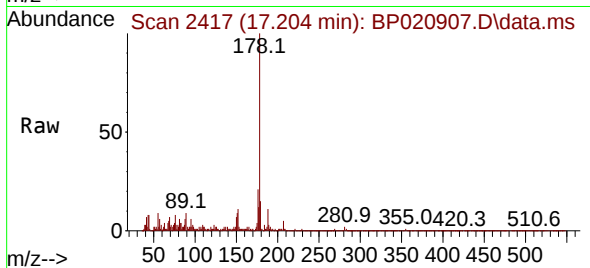
A4D09

Tgt Ion:178	Resp:	72369
Ion Ratio	Lower	Upper
178	100	
179	14.9	12.2 18.4
176	20.8	15.0 22.4

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#80

Fluoranthene

Concen: 2.562 ng/ul

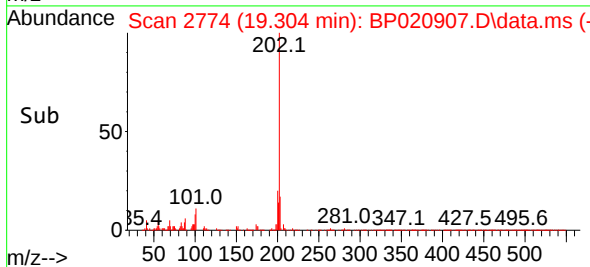
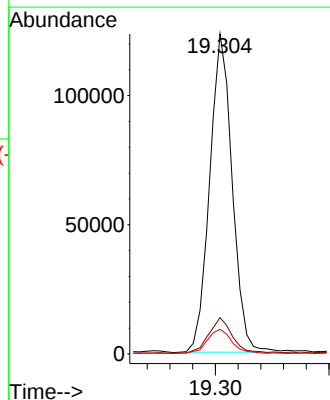
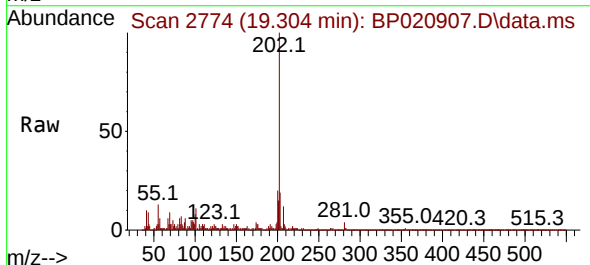
RT: 19.304 min Scan# 2774

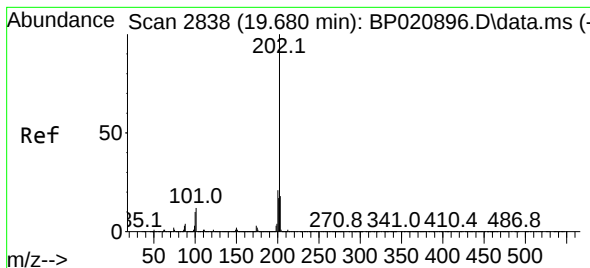
Delta R.T. -0.006 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Tgt Ion:202	Resp:	169528
Ion Ratio	Lower	Upper
202	100	
101	11.4	8.0 12.0
100	7.7	6.1 9.1





#82

Pyrene

Concen: 1.998 ng/ul

RT: 19.686 min Scan# 2839

Delta R.T. -0.006 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Instrument :

BNA_P

ClientSampleId :

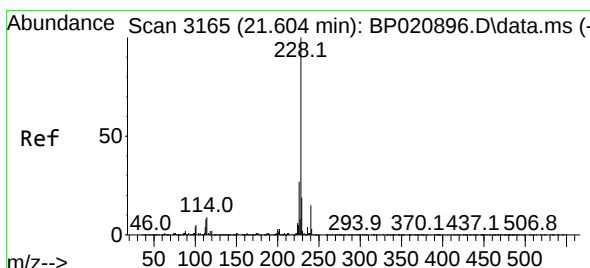
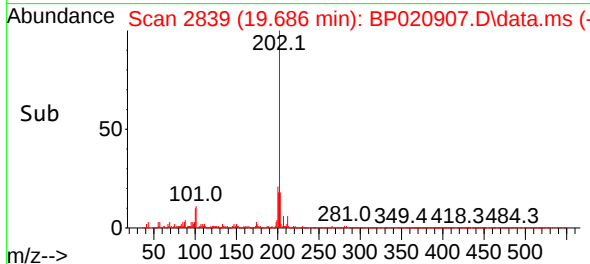
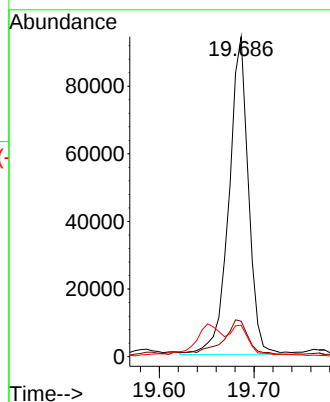
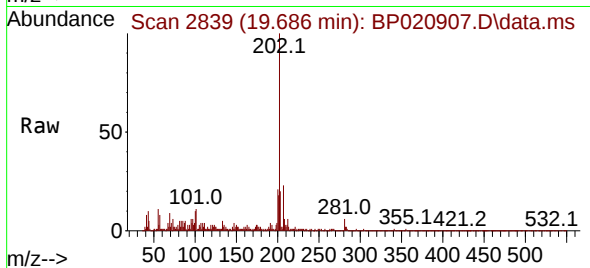
A4D09

Tgt Ion:	202	Resp:	134470
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.4	14.2
100	9.9	7.8	11.6

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#85

Benzo(a)anthracene

Concen: 1.506 ng/ul m

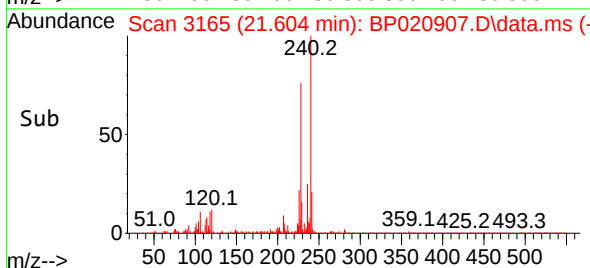
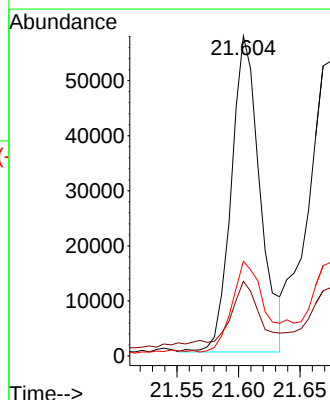
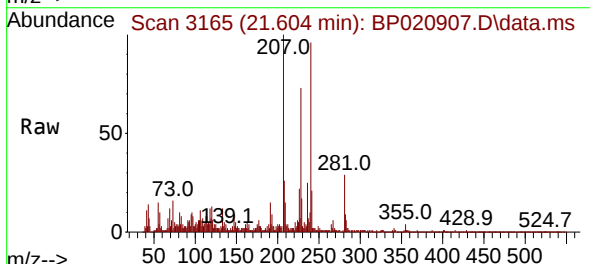
RT: 21.604 min Scan# 3165

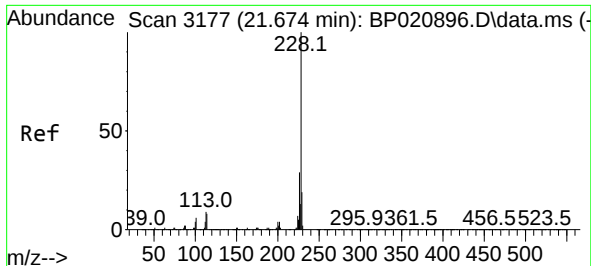
Delta R.T. -0.006 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Tgt Ion:	228	Resp:	93481
Ion Ratio	Lower	Upper	
228	100		
229	23.3	15.5	23.3#
226	29.6	21.4	32.2





#87

Chrysene

Concen: 1.729 ng/ul

RT: 21.675 min Scan# 3177

Delta R.T. 0.000 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Instrument :

BNA_P

ClientSampleId :

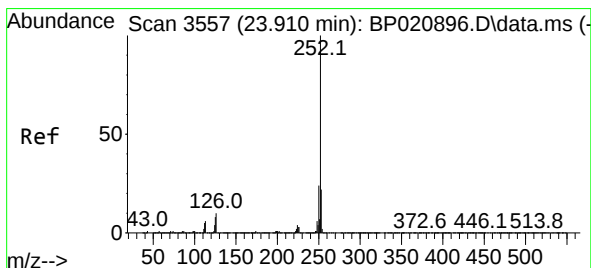
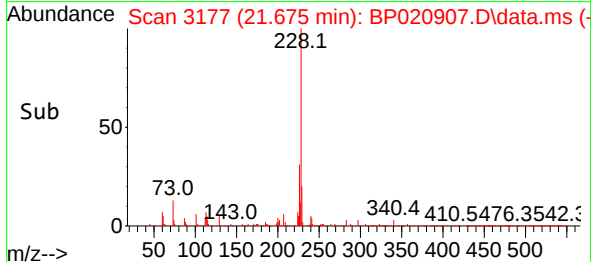
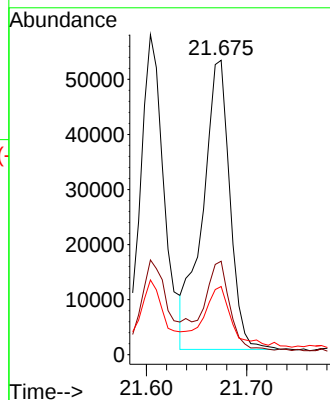
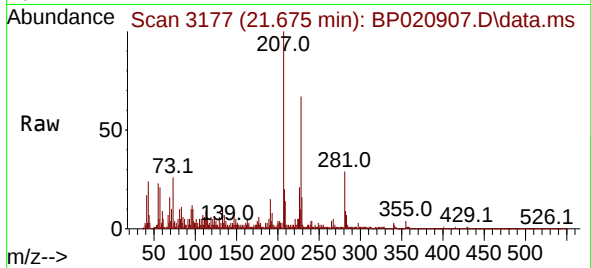
A4D09

Tgt Ion:228 Resp: 99699
 Ion Ratio Lower Upper
 228 100
 226 31.8 23.6 35.4
 229 23.1 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 2.241 ng/ul

RT: 23.910 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP020907.D

Acq: 11 Jul 2024 17:24

Tgt Ion:252 Resp: 143672
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.1 25.7
 125 14.2 7.0 10.4

