

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061659.D
 Acq On : 22 Jun 2024 21:55
 Operator : MA/JU
 Sample : P2776-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CA9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 00:51:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	75285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.891	136	371474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.705	164	252587	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	557036	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	484799	20.000	ng/u1	0.00
88) Perylene-d12	24.934	264	583797	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.471	96	8361m	4.012	ng/uL	0.00
4) Pyridine-d5	3.888	84	119007	18.887	ng/u1	0.00
7) Phenol-d5	7.219	99	174651	21.369	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	102633	20.145	ng/u1	0.00
11) 2-Chlorophenol-d4	7.601	132	122172	21.783	ng/u1	0.00
15) 4-Methylphenol-d8	8.770	113	136153	21.549	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	60567	24.013	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	68631	26.866	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	138855	22.955	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	188634	20.597	ng/u1	0.00
46) Dimethylphthalate-d6	14.111	166	423746	21.800	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	508501	23.871	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	69386	20.785	ng/u1	0.00
60) Fluorene-d10	15.692	176	383261	22.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	39087	16.410	ng/u1	0.00
73) Anthracene-d10	17.542	188	570778	22.448	ng/u1	0.00
81) Pyrene-d10	19.822	212	623933	23.040	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.716	264	655201	23.498	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.490	178	46136	1.574	ng/u1#	93
80) Fluoranthene	19.487	202	71795	2.285	ng/u1	100
82) Pyrene	19.851	202	69070	2.067	ng/u1	99
87) Chrysene	21.755	228	34800	1.081	ng/u1	98
90) Benzo(b)fluoranthene	23.911	252	40874	1.165	ng/u1	98
93) Benzo(a)pyrene	24.787	252	34055	1.008	ng/u1#	88

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

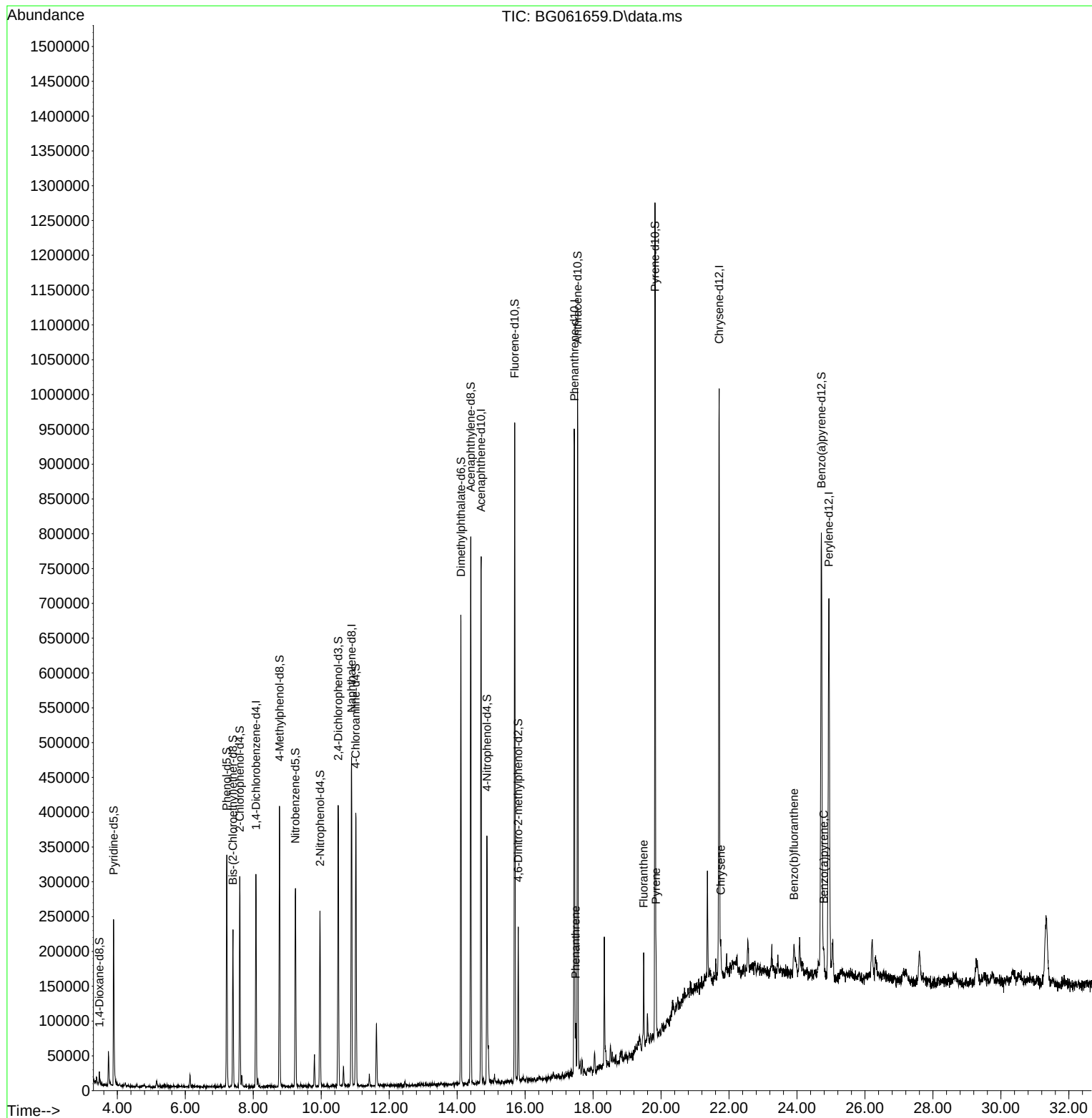
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
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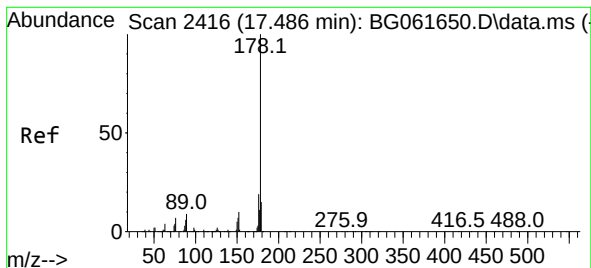
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.574 ng/ul

RT: 17.490 min Scan# 2416

Delta R.T. 0.001 min

Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Instrument :

BNA_G

ClientSampleId :

A4CA9

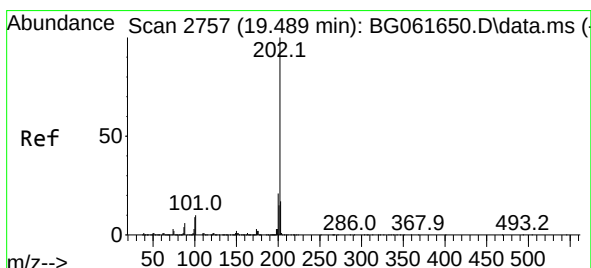
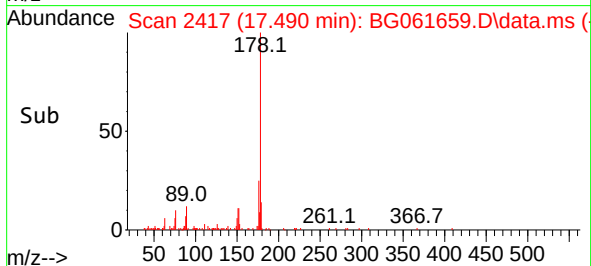
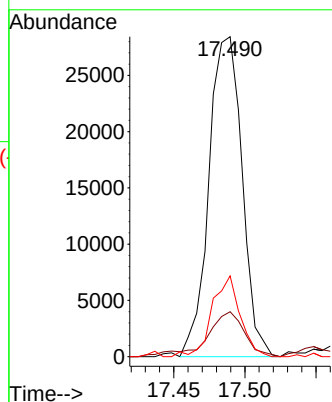
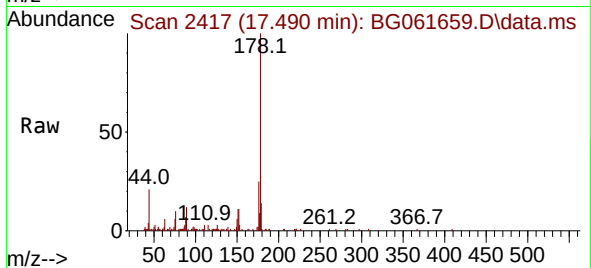
Tgt Ion:	178	Resp:	46130
Ion Ratio	Lower	Upper	
178	100		
179	14.0	12.0	18.0
176	25.3	16.2	24.2

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#80

Fluoranthene

Concen: 2.285 ng/ul

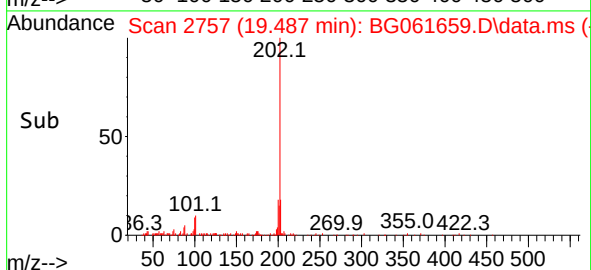
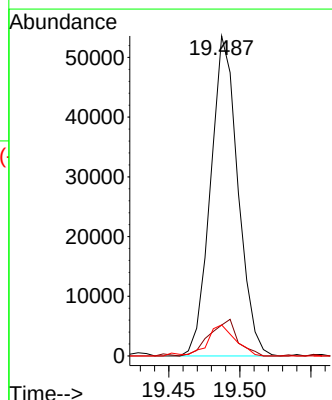
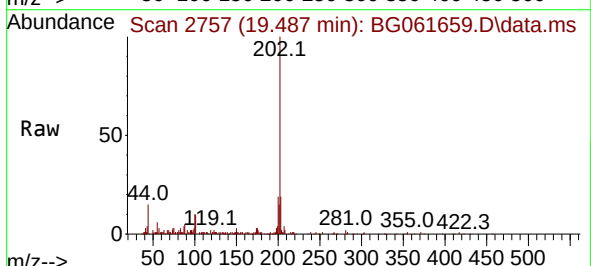
RT: 19.487 min Scan# 2757

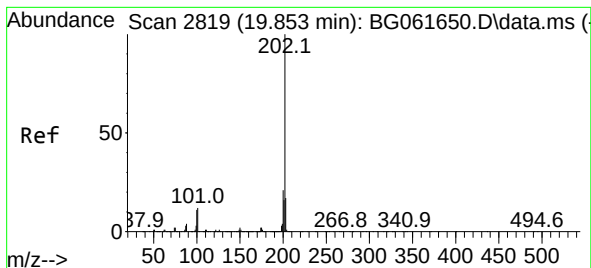
Delta R.T. -0.005 min

Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Tgt Ion:	202	Resp:	71795
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.8	11.6
100	9.7	7.7	11.5





#82

Pyrene

Concen: 2.067 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Instrument :

BNL_G

ClientSampleId :

A4CA9

Tgt Ion:202 Resp: 69070

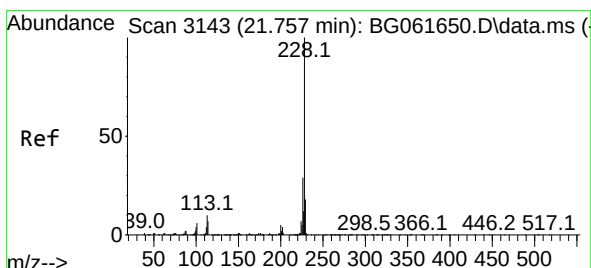
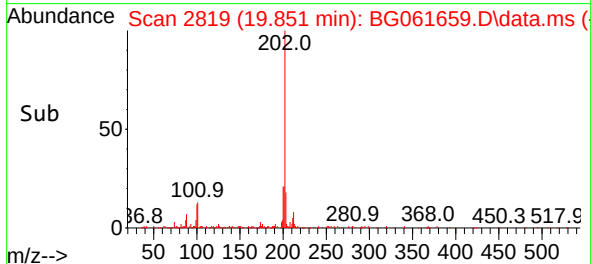
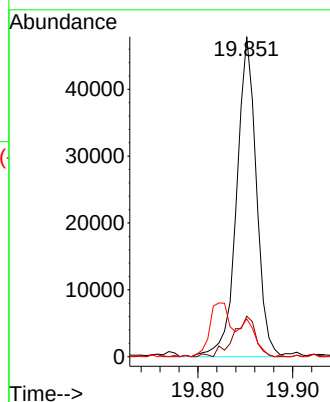
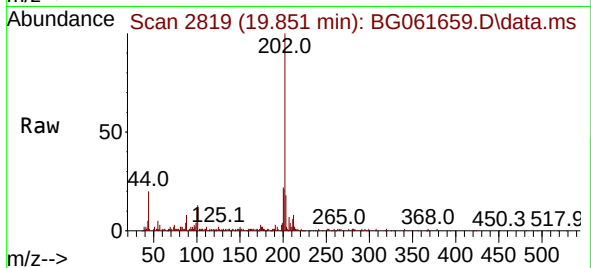
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
100	11.8	9.9	14.9

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#87

Chrysene

Concen: 1.081 ng/ul

RT: 21.755 min Scan# 3143

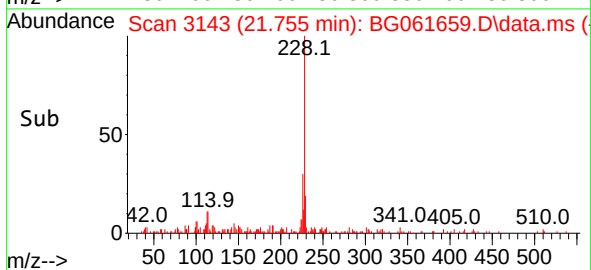
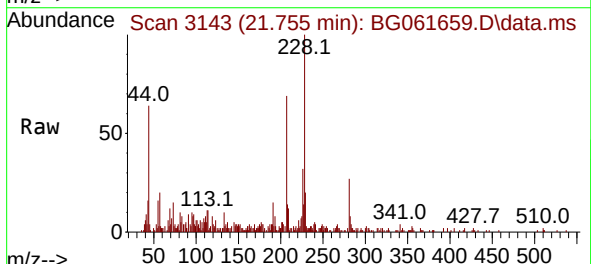
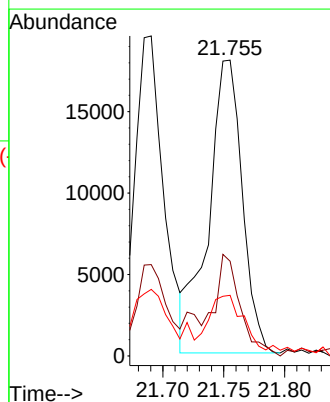
Delta R.T. -0.005 min

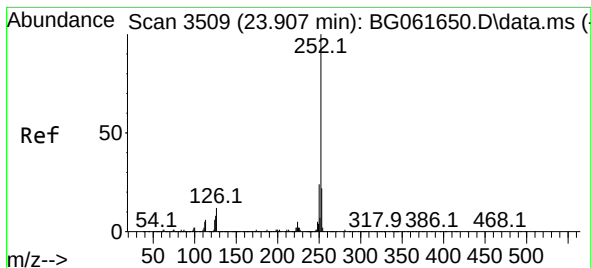
Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Tgt Ion:228 Resp: 34800

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.2	36.2
229	20.5	16.5	24.7





#90

Benzo(b)fluoranthene

Concen: 1.165 ng/uI

RT: 23.911 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Instrument :

BNA_G

ClientSampleId :

A4CA9

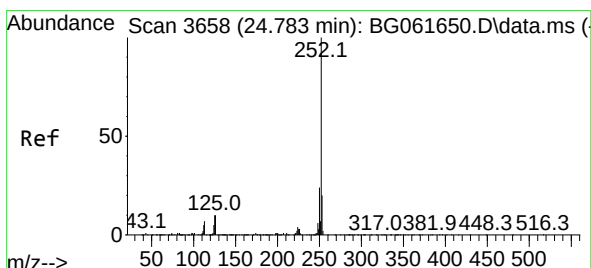
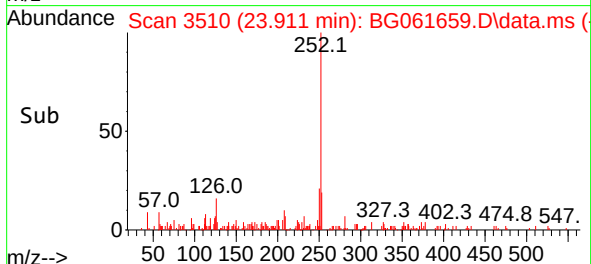
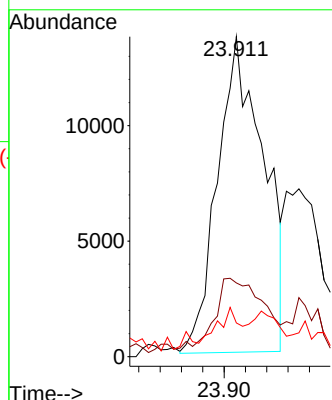
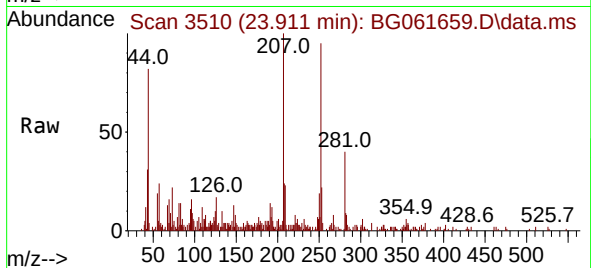
Tgt Ion:	252	Resp:	40874
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.6	27.8
125	10.5	7.0	10.6

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Supervised By :mohammad ahmed 06/24/2024



#93

Benzo(a)pyrene

Concen: 1.008 ng/uI

RT: 24.787 min Scan# 3659

Delta R.T. -0.005 min

Lab File: BG061659.D

Acq: 22 Jun 2024 21:55

Tgt Ion:	252	Resp:	34055
Ion Ratio	Lower	Upper	
252	100		
253	25.2	16.8	25.2#
125	15.4	6.5	9.7#

