

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
 Data File : BG062168.D
 Acq On : 22 Jul 2024 19:38
 Operator : MA/JU
 Sample : P3263-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BA8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 22 23:26:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 14:38:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	38966	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	160094	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.693	164	140428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.437	188	366533	20.000	ng/u1	0.00
79) Chrysene-d12	21.702	240	346872	20.000	ng/u1	0.00
88) Perylene-d12	24.927	264	365641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	3426	4.105	ng/uL	0.00
4) Pyridine-d5	3.884	84	16414	5.413	ng/u1	0.00
7) Phenol-d5	7.239	99	81542	21.256	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.386	67	44954	20.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	51798	21.426	ng/u1	0.00
15) 4-Methylphenol-d8	8.784	113	63805	21.839	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	27968	21.927	ng/u1	0.00
24) 2-Nitrophenol-d4	9.953	143	33510	21.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	74654	23.230	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	57920	14.982	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	261896	22.003	ng/u1	0.00
49) Acenaphthylene-d8	14.388	160	282140	23.377	ng/u1	0.00
54) 4-Nitrophenol-d4	14.917	143	31277	21.806	ng/u1	0.00
60) Fluorene-d10	15.680	176	238973	23.580	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	45378	19.481	ng/u1	0.00
73) Anthracene-d10	17.537	188	397752	23.231	ng/u1	0.00
81) Pyrene-d10	19.816	212	434304	22.083	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.709	264	299499	16.386	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.478	178	71132	4.033	ng/u1	100
80) Fluoranthene	19.481	202	137178	6.080	ng/u1	99
82) Pyrene	19.845	202	99190	4.228	ng/u1	98
85) Benzo(a)anthracene	21.678	228	60194	2.472	ng/u1	93
87) Chrysene	21.743	228	64614	2.887	ng/u1	92
90) Benzo(b)fluoranthene	23.904	252	78276	3.465	ng/u1#	94
91) Benzo(k)fluoranthene	23.957	252	28934m	1.283	ng/u1	
93) Benzo(a)pyrene	24.768	252	28986	1.370	ng/u1#	87
94) Indeno(1,2,3-cd)pyrene	28.598	276	29655m	1.220	ng/u1	

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

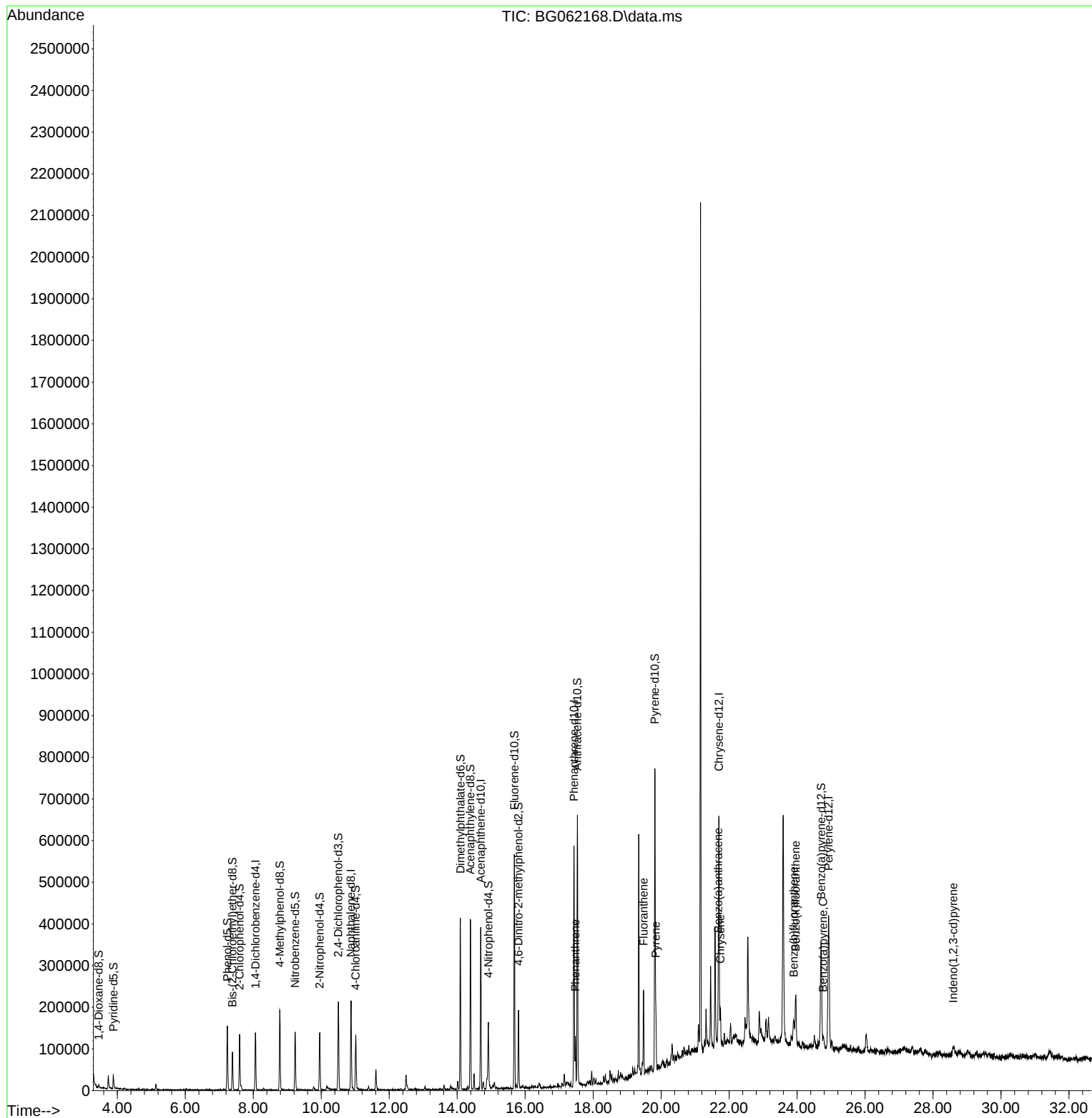
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072224\
Data File : BG062168.D
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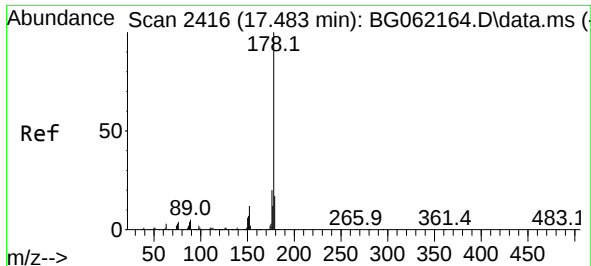
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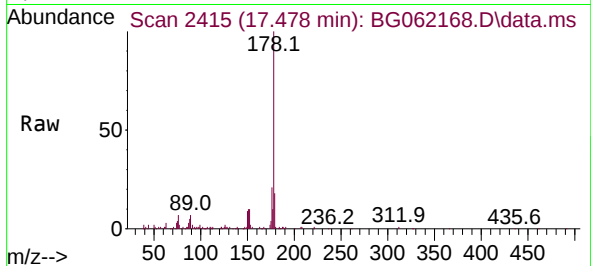
Quant Time: Jul 22 23:26:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 19 14:38:52 2024
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#72
Phenanthrene
Concen: 4.033 ng/uI
RT: 17.478 min Scan# 2416
Delta R.T. -0.003 min
Lab File: BG062168.D
Acq: 22 Jul 2024 19:38

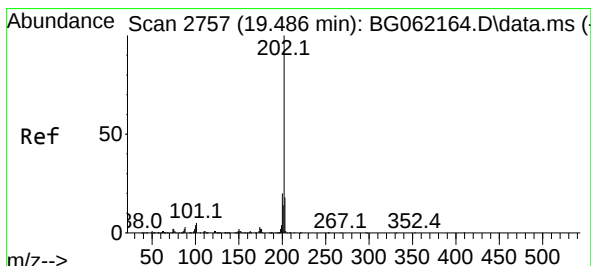
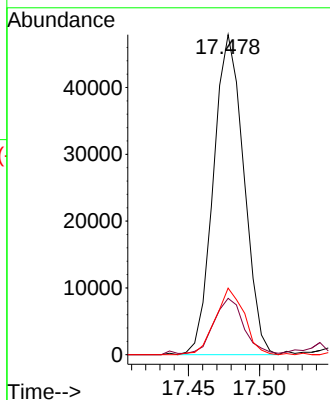
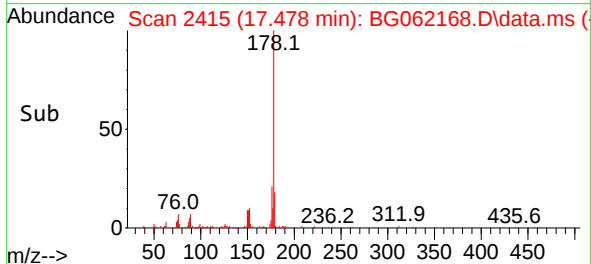
Instrument :
BNA_G
ClientSampleId :
A4BA8



Tgt Ion:178 Resp: 71132
Ion Ratio Lower Upper
178 100
179 17.6 14.1 21.1
176 20.8 16.3 24.5

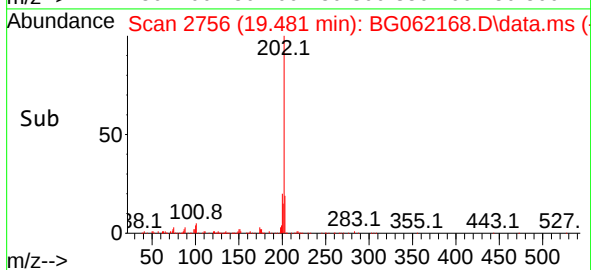
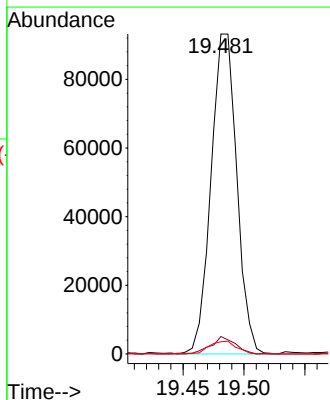
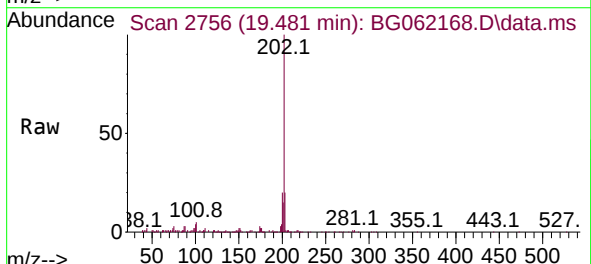
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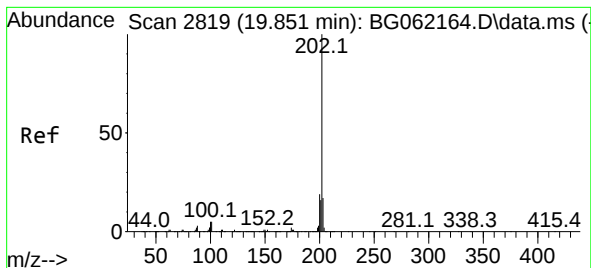
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



#80
Fluoranthene
Concen: 6.080 ng/uI
RT: 19.481 min Scan# 2756
Delta R.T. -0.003 min
Lab File: BG062168.D
Acq: 22 Jul 2024 19:38

Tgt Ion:202 Resp: 137178
Ion Ratio Lower Upper
202 100
101 5.4 4.2 6.2
100 3.8 3.1 4.7





#82

Pyrene

Concen: 4.228 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

Instrument :

BNA_G

ClientSampleId :

A4BA8

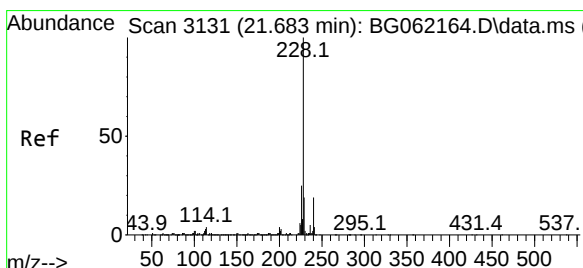
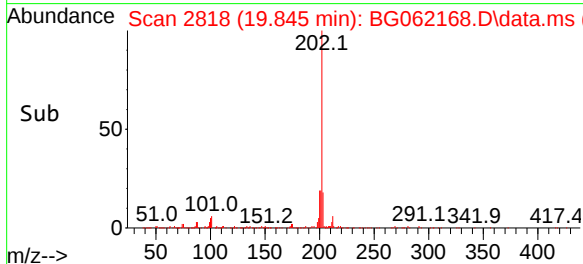
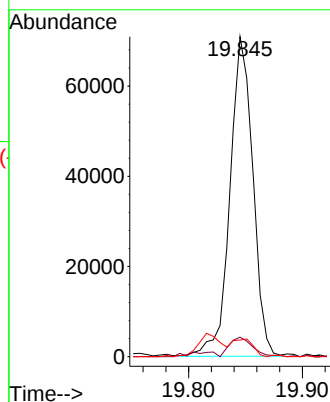
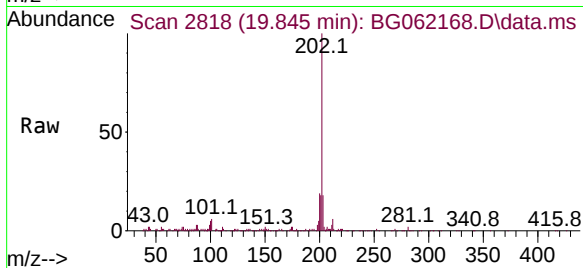
Tgt Ion:	202	Resp:	99190
Ion Ratio	Lower	Upper	
202	100		
101	6.1	4.2	6.4
100	5.2	4.0	6.0

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#85

Benzo(a)anthracene

Concen: 2.472 ng/ul

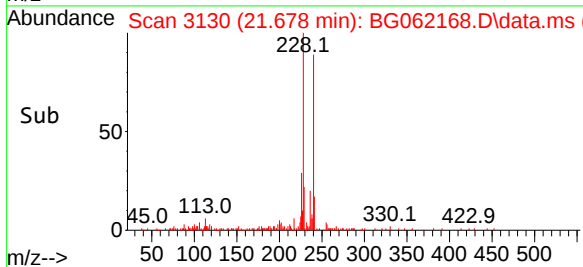
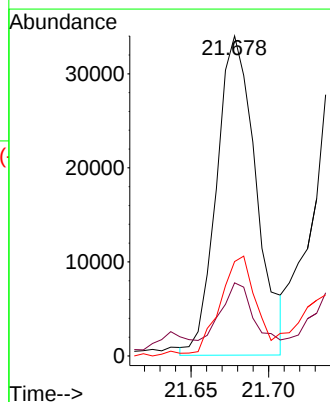
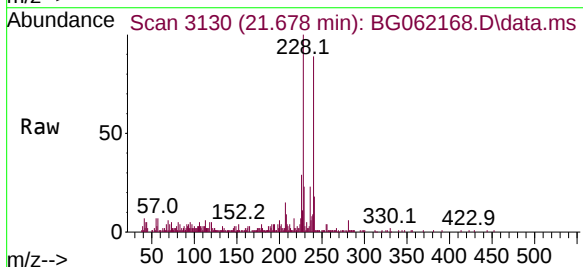
RT: 21.678 min Scan# 3130

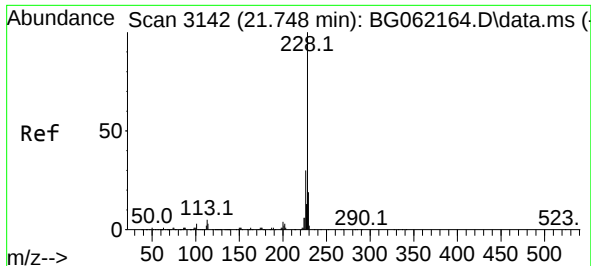
Delta R.T. -0.003 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

Tgt Ion:	228	Resp:	60194
Ion Ratio	Lower	Upper	
228	100		
229	22.9	15.4	23.2
226	29.5	20.9	31.3





#87

Chrysene

Concen: 2.887 ng/ul

RT: 21.743 min Scan# 3142

Delta R.T. -0.009 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

Instrument :

BNA_G

ClientSampleId :

A4BA8

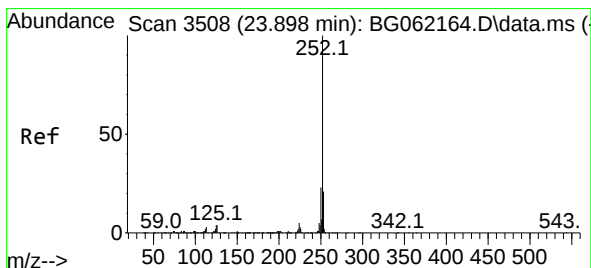
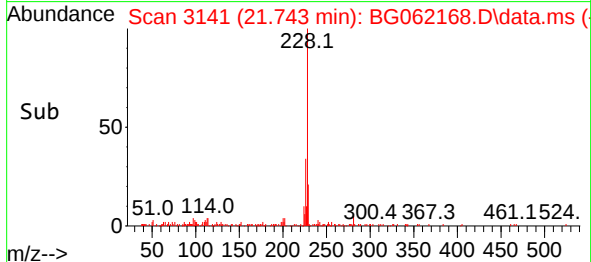
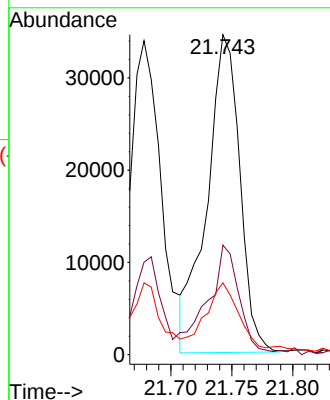
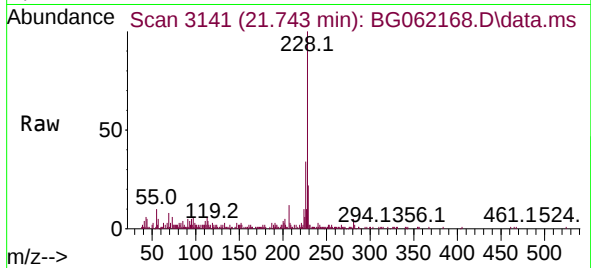
Tgt Ion:228	Resp: 64614
Ion Ratio	Lower Upper
228 100	
226 34.3	24.0 36.0
229 22.5	15.4 23.0

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#90

Benzo(b)fluoranthene

Concen: 3.465 ng/ul

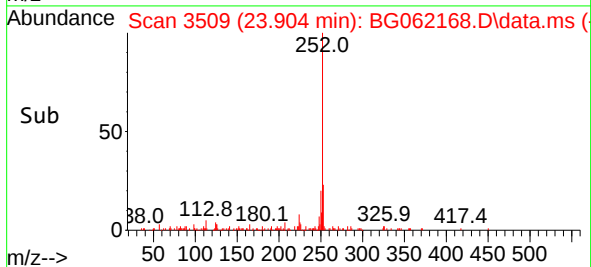
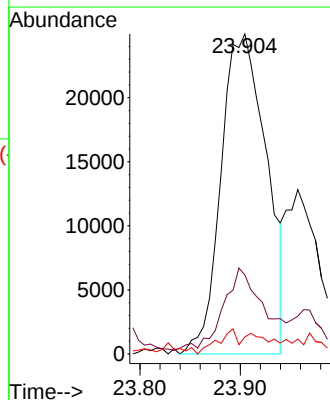
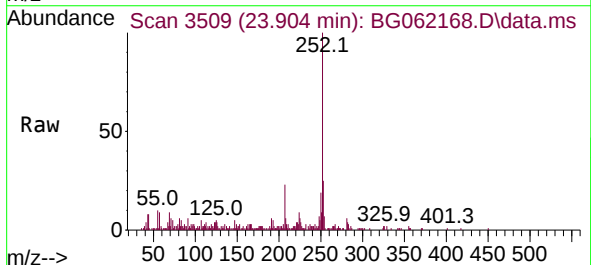
RT: 23.904 min Scan# 3509

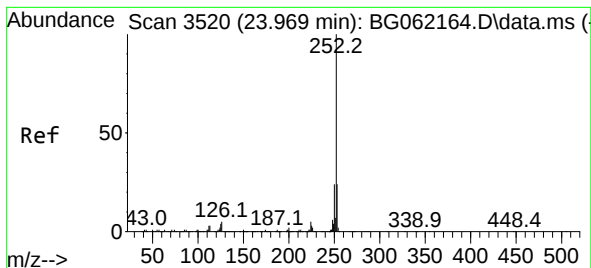
Delta R.T. -0.003 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

Tgt Ion:252	Resp: 78276
Ion Ratio	Lower Upper
252 100	
253 24.7	17.2 25.8
125 5.3	3.4 5.0





#91

Benzo(k)fluoranthene

Concen: 1.283 ng/ul m

RT: 23.957 min Scan# 3

Delta R.T. -0.015 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

Instrument :

BNA_G

ClientSampleId :

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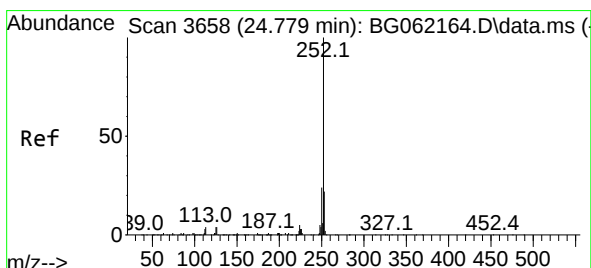
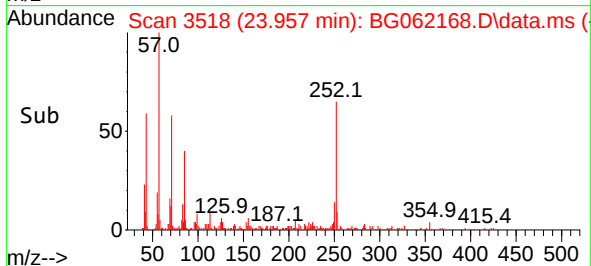
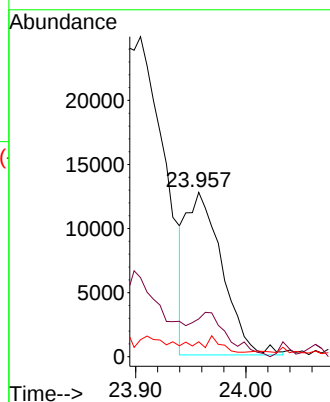
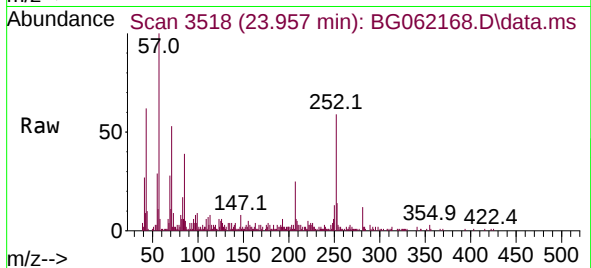
Tgt Ion:	252	Resp:	28934
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.2	27.2
125	9.0	2.7	4.1

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#93

Benzo(a)pyrene

Concen: 1.370 ng/ul

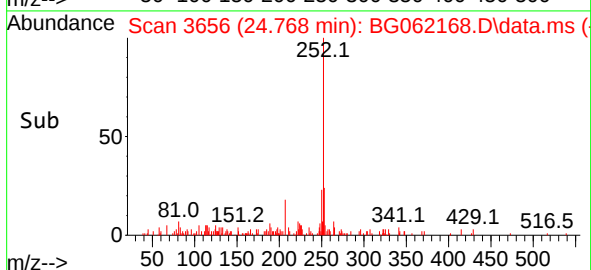
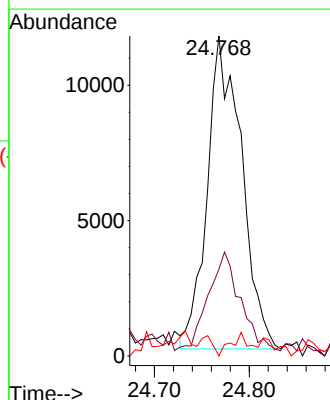
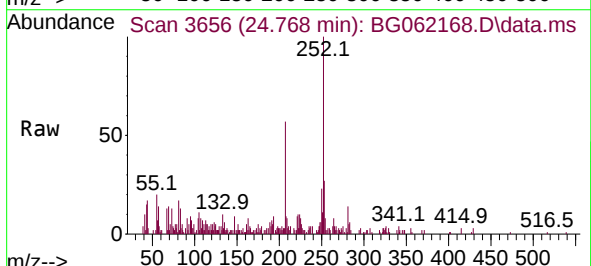
RT: 24.768 min Scan# 3656

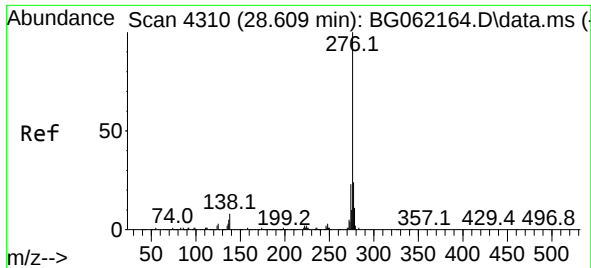
Delta R.T. -0.015 min

Lab File: BG062168.D

Acq: 22 Jul 2024 19:38

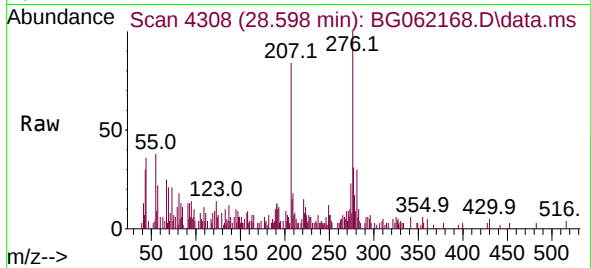
Tgt Ion:	252	Resp:	28986
Ion Ratio	Lower	Upper	
252	100		
253	27.1	16.6	24.8#
125	0.0	3.0	4.4#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.220 ng/ul m
 RT: 28.598 min Scan# 4310
 Delta R.T. -0.026 min
 Lab File: BG062168.D
 Acq: 22 Jul 2024 19:38

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 2965
 Ion Ratio Lower Upper
 276 100
 138 4.0 6.1 9.1
 277 31.1 17.4 26.2

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