

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063251.D
 Acq On : 9 Nov 2024 6:02
 Operator : RC/JU
 Sample : P4582-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4EE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 09 05:55:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	119308	20.000	ng/u1	0.00
20) Naphthalene-d8	10.623	136	557010	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.472	164	468918	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	1106090	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	1085682	20.000	ng/u1	0.00
88) Perylene-d12	24.513	264	1160576	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	9373	3.552	ng/uL	0.00
4) Pyridine-d5	3.702	84	165123	18.934	ng/u1	0.00
7) Phenol-d5	7.010	99	251793	23.388	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	146717	23.234	ng/u1	0.00
11) 2-Chlorophenol-d4	7.368	132	172535	24.691	ng/u1	0.00
15) 4-Methylphenol-d8	8.543	113	211870	23.219	ng/u1	0.00
21) Nitrobenzene-d5	8.990	128	94716	24.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.707	143	121126	23.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	243105	24.476	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	250716	19.380	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	790588	21.524	ng/u1	0.00
49) Acenaphthylene-d8	14.166	160	896613	24.940	ng/u1	0.00
54) 4-Nitrophenol-d4	14.677	143	96689	19.226	ng/u1	0.00
60) Fluorene-d10	15.471	176	756699	24.410	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	129431	18.619	ng/u1	0.00
73) Anthracene-d10	17.321	188	1160954	24.421	ng/u1	0.00
81) Pyrene-d10	19.619	212	1475066	27.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.307	264	1445608	25.799	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.263	178	56242	1.113	ng/u1#	94
80) Fluoranthene	19.284	202	155052	2.635	ng/u1	99
82) Pyrene	19.648	202	137190	2.200	ng/u1#	96
85) Benzo(a)anthracene	21.458	228	86302m	1.257	ng/u1	
87) Chrysene	21.516	228	87061	1.360	ng/u1	98
90) Benzo(b)fluoranthene	23.555	252	115809	1.658	ng/u1#	99
93) Benzo(a)pyrene	24.372	252	81883	1.268	ng/u1#	97

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

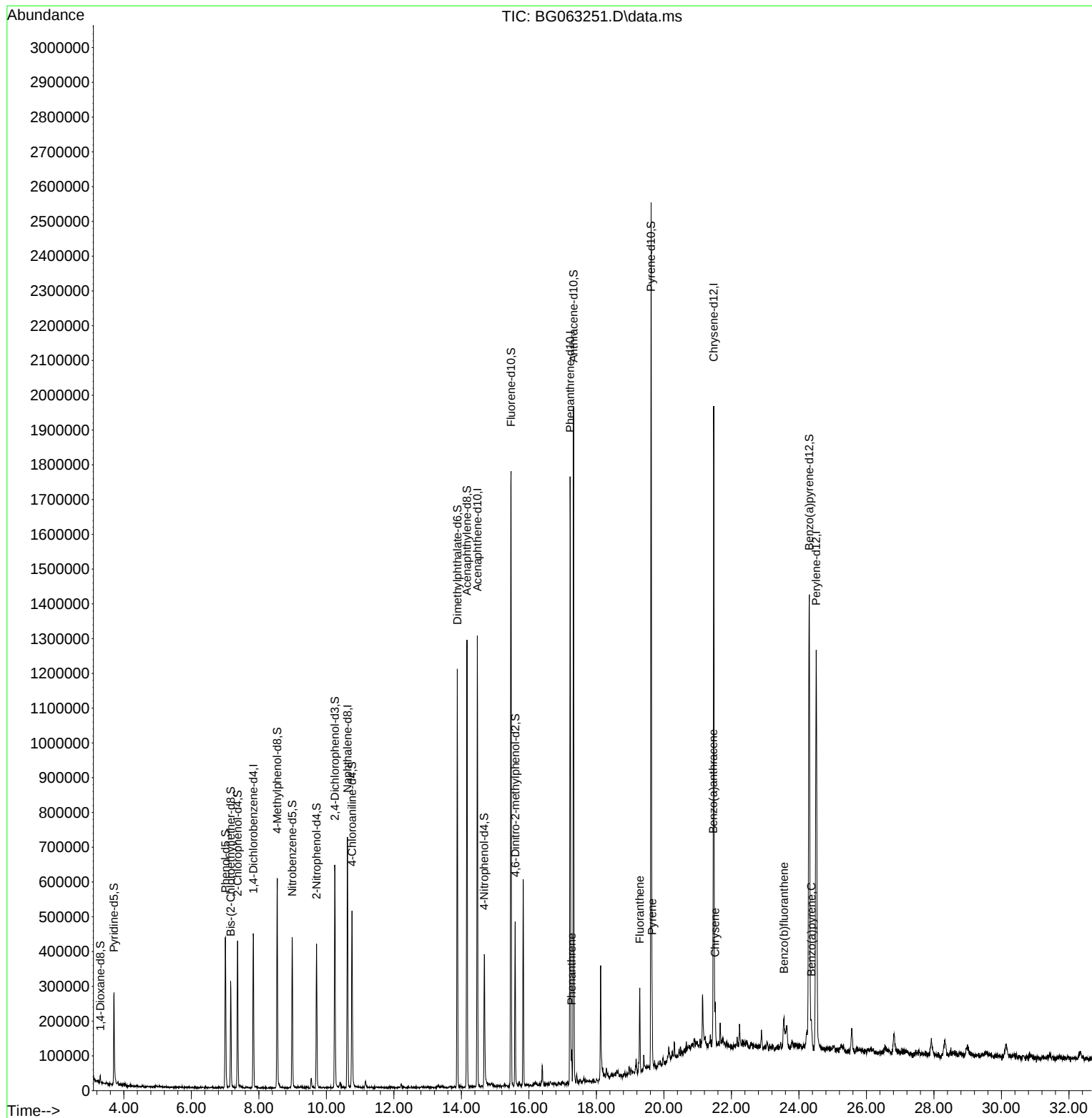
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
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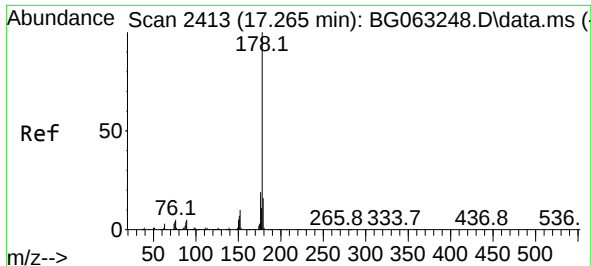
Instrument :
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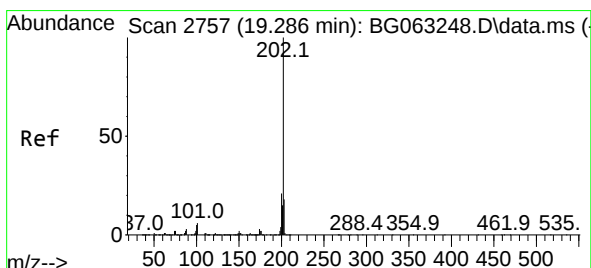
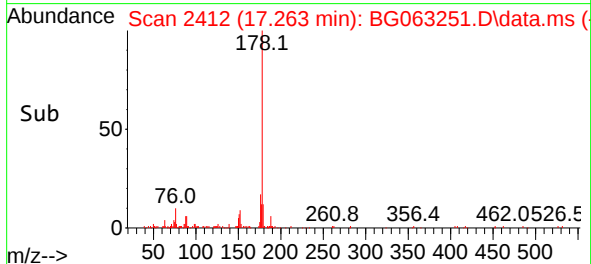
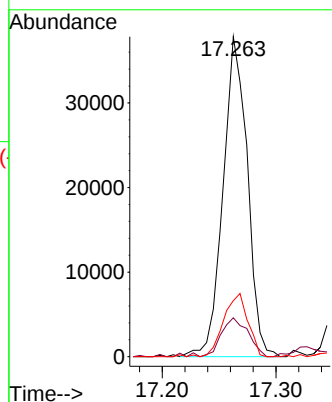
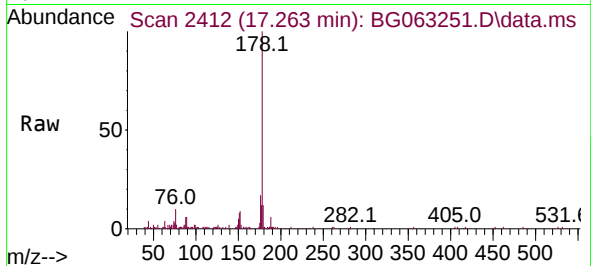
#72
Phenanthrene
Concen: 1.113 ng/ul
RT: 17.263 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG063251.D
Acq: 9 Nov 2024 6:02

Instrument :
BNA_G
ClientSampleId :
A4EE8

Tgt Ion:178 Resp: 5624
Ion Ratio Lower Upper
178 100
179 12.1 12.2 18.4
176 17.5 16.0 24.0

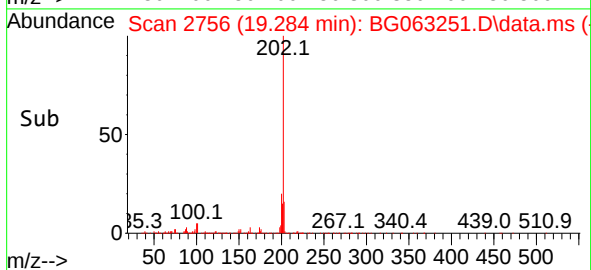
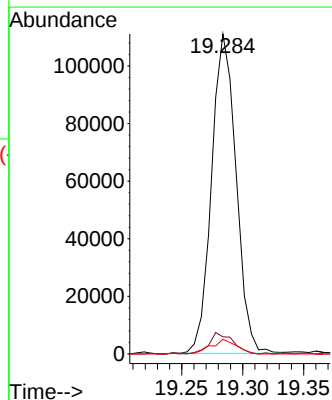
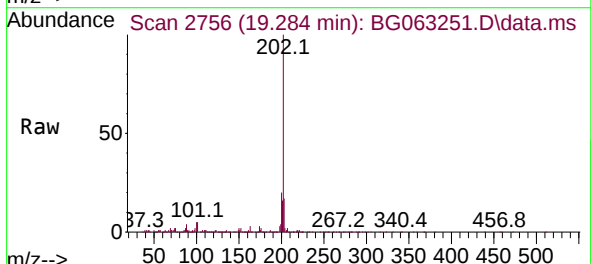
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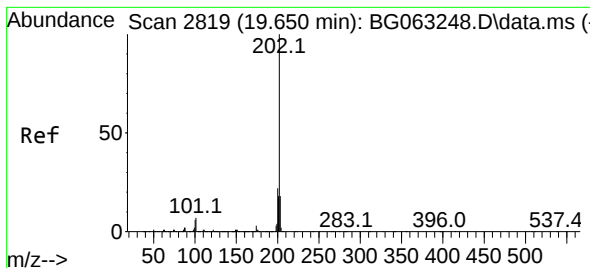
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#80
Fluoranthene
Concen: 2.635 ng/ul
RT: 19.284 min Scan# 2756
Delta R.T. -0.003 min
Lab File: BG063251.D
Acq: 9 Nov 2024 6:02

Tgt Ion:202 Resp: 155052
Ion Ratio Lower Upper
202 100
101 5.4 4.7 7.1
100 4.6 3.4 5.0





#82

Pyrene

Concen: 2.200 ng/ul

RT: 19.648 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG063251.D

Acq: 9 Nov 2024 6:02

Instrument :

BNA_G

ClientSampleId :

A4EE8

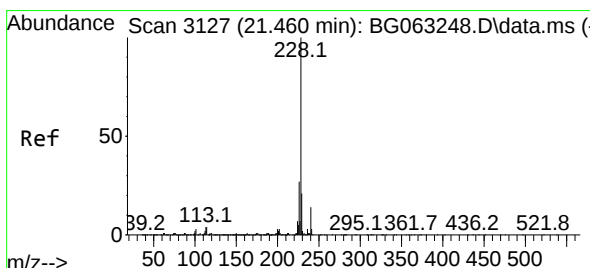
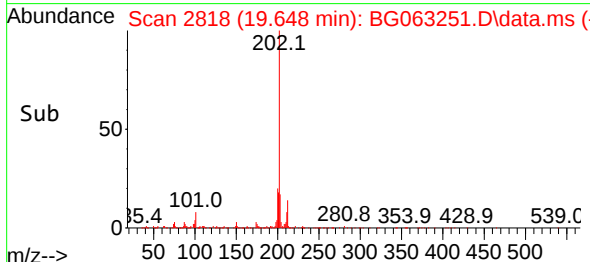
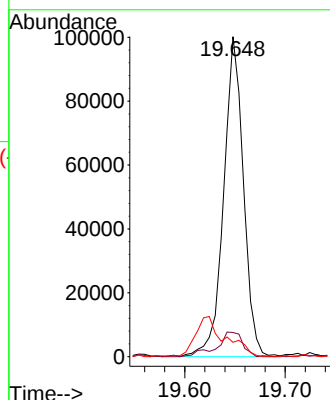
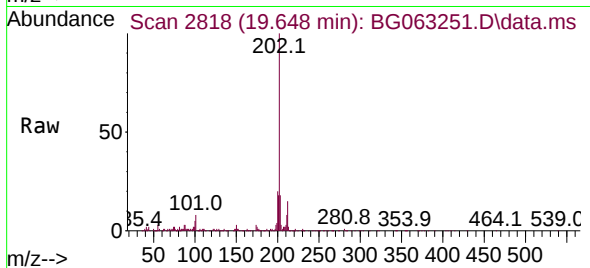
Tgt Ion:	202	Resp:	137190
Ion Ratio	Lower	Upper	
202	100		
101	7.6	4.9	7.3
100	4.5	4.4	6.6

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#85

Benzo(a)anthracene

Concen: 1.257 ng/ul m

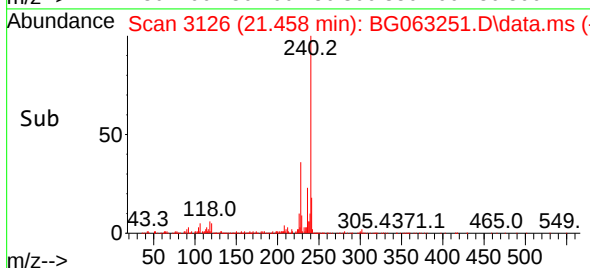
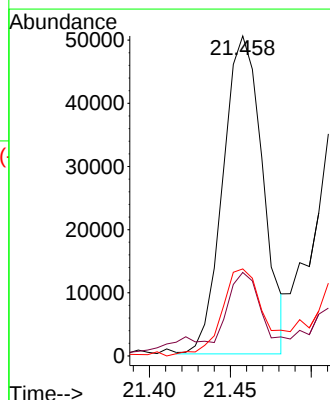
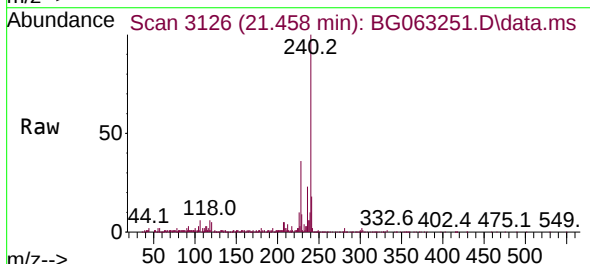
RT: 21.458 min Scan# 3126

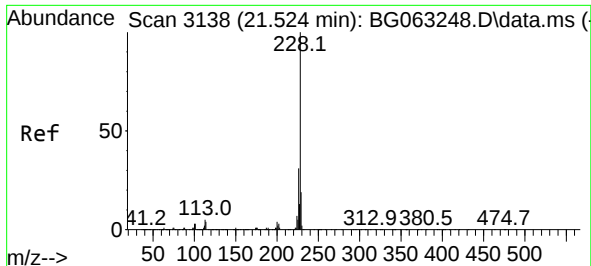
Delta R.T. -0.003 min

Lab File: BG063251.D

Acq: 9 Nov 2024 6:02

Tgt Ion:	228	Resp:	86302
Ion Ratio	Lower	Upper	
228	100		
229	26.1	15.9	23.9
226	27.2	21.4	32.2





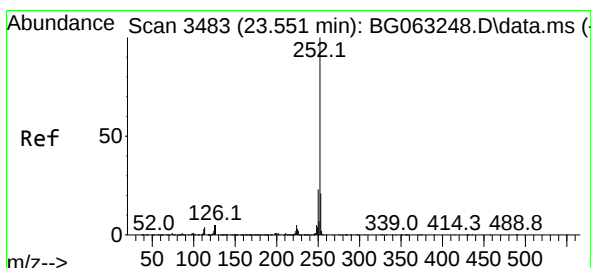
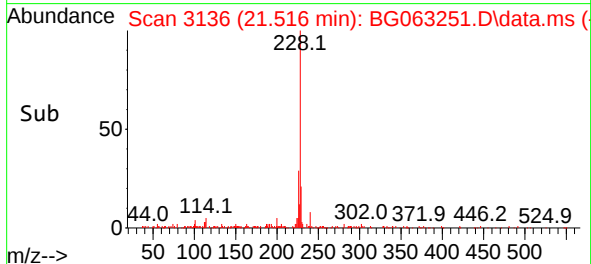
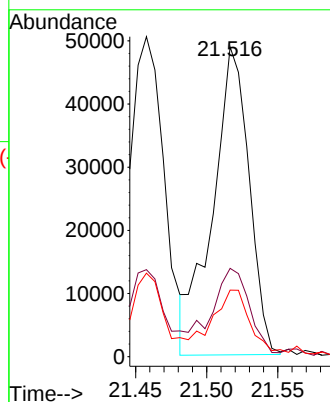
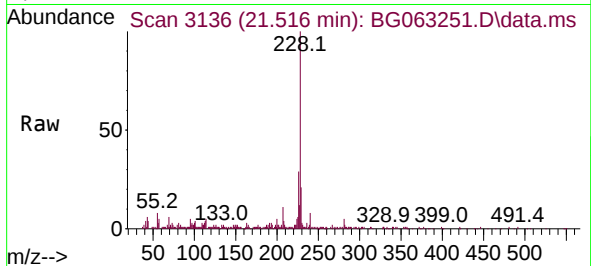
#87
Chrysene
Concen: 1.360 ng/ul
RT: 21.516 min Scan# 3138
Delta R.T. -0.009 min
Lab File: BG063251.D
Acq: 9 Nov 2024 6:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:228 Resp: 87063
Ion Ratio Lower Upper
228 100
226 28.5 24.1 36.1
229 21.5 16.6 24.8

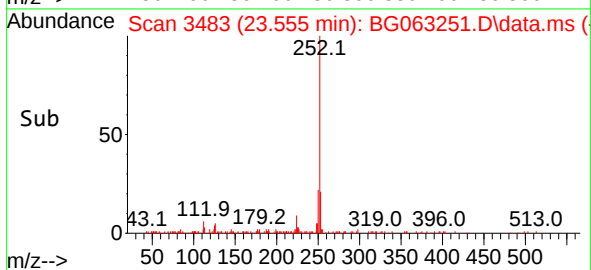
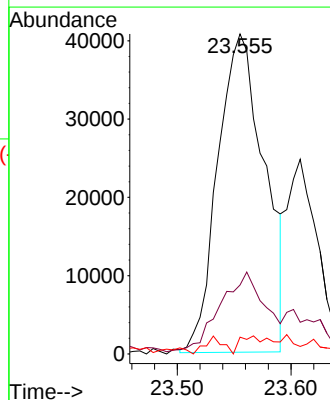
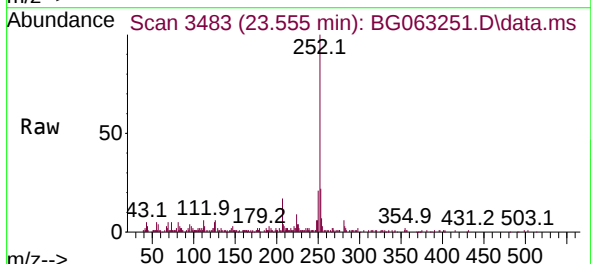
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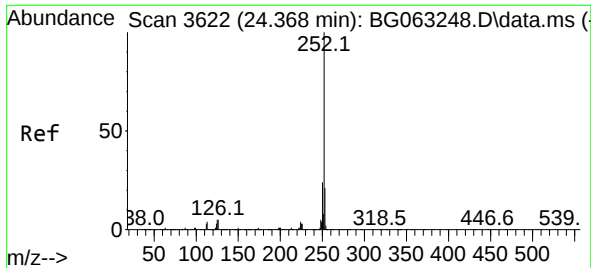
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024



#90
Benzo(b)fluoranthene
Concen: 1.658 ng/ul
RT: 23.555 min Scan# 3483
Delta R.T. -0.003 min
Lab File: BG063251.D
Acq: 9 Nov 2024 6:02

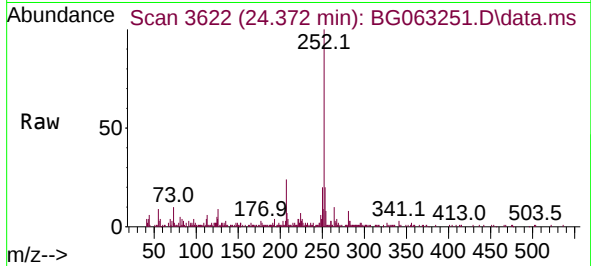
Tgt Ion:252 Resp: 115809
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 5.2 3.4 5.0#





#93
 Benzo(a)pyrene
 Concen: 1.268 ng/ul
 RT: 24.372 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG063251.D
 Acq: 9 Nov 2024 6:02

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:252 Resp: 8188
 Ion Ratio Lower Upper
 252 100
 253 19.7 15.8 23.6
 125 9.2 3.4 5.2

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