

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
 Data File : BG063698.D
 Acq On : 17 Dec 2024 14:53
 Operator : RC/JU
 Sample : P5155-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E28W3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/18/2024

Quant Time: Dec 17 15:54:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 23:59:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	141595	20.000	ng/u1	0.00
20) Naphthalene-d8	10.596	136	591071	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	468825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.200	188	1180133	20.000	ng/u1	0.00
79) Chrysene-d12	21.442	240	1073577	20.000	ng/u1	#-0.02
88) Perylene-d12	24.462	264	1131984	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	10961	3.034	ng/uL	-0.01
4) Pyridine-d5	3.675	84	165302	14.502	ng/u1	-0.01
7) Phenol-d5	6.995	99	238808	18.312	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	147269	16.351	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.347	132	156324	18.516	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	184279	18.201	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	81002	19.193	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	95640	20.217	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.232	165	181945	19.865	ng/u1	0.00
31) 4-Chloroaniline-d4	10.737	131	189690	16.311	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	642282	20.133	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	666460	18.327	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	81165m	17.957	ng/u1	0.01
60) Fluorene-d10	15.443	176	524168	18.584	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	45705	7.459	ng/u1	0.00
73) Anthracene-d10	17.294	188	867078	17.089	ng/u1	-0.01
81) Pyrene-d10	19.597	212	919606	16.461	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.251	264	735418	13.834	ng/u1	-0.02
Target Compounds						
8) Phenol	7.024	94	18206	1.310	ng/u1	91
80) Fluoranthene	19.257	202	72045	1.135	ng/u1#	93
82) Pyrene	19.627	202	76052	1.126	ng/u1#	95
90) Benzo(b)fluoranthene	23.510	252	92388	1.436	ng/u1#	90
93) Benzo(a)pyrene	24.310	252	66598	1.103	ng/u1#	92
96) Benzo(g,h,i)perylene	28.910	276	67324m	1.150	ng/u1	

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

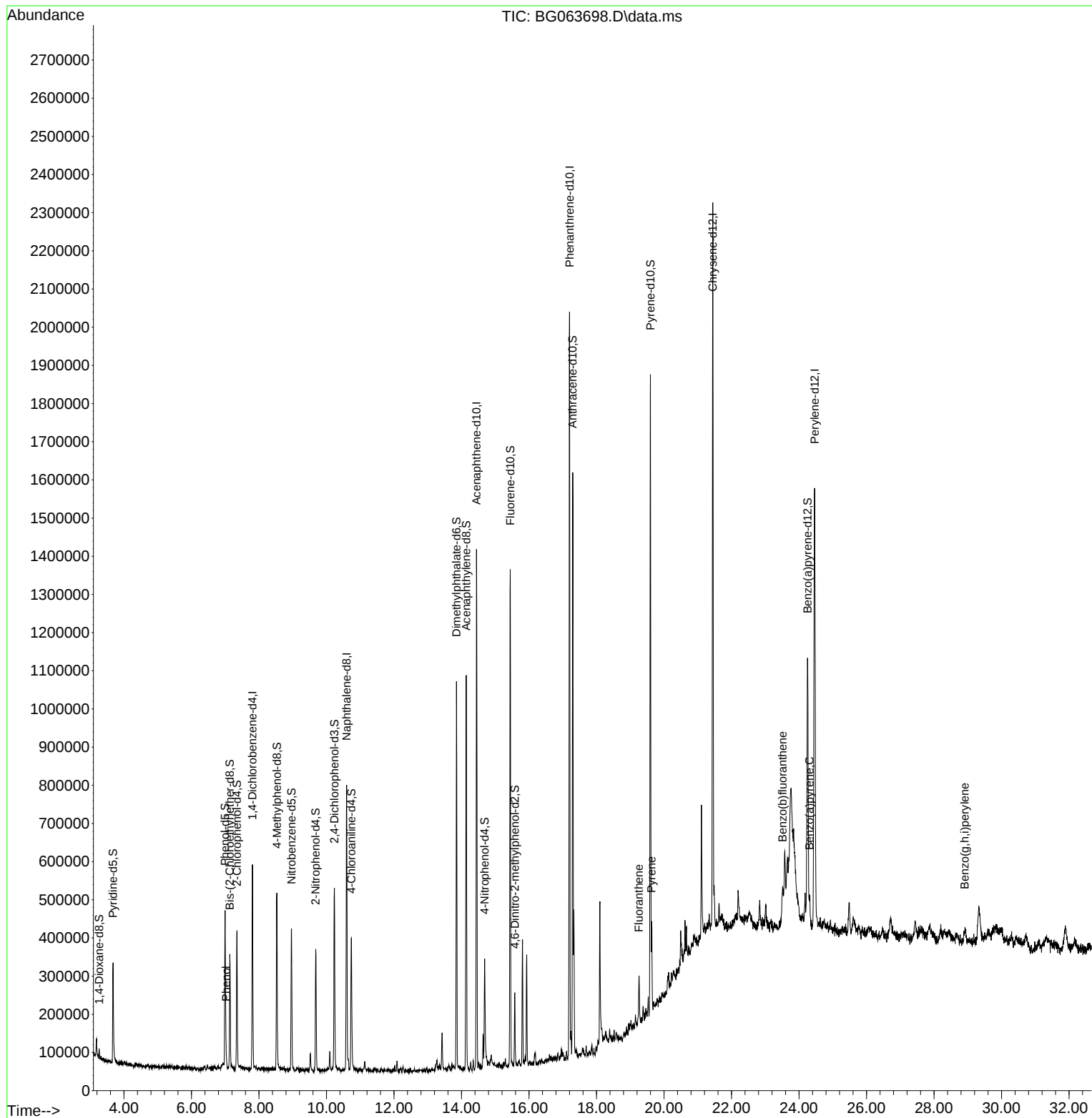
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121724\
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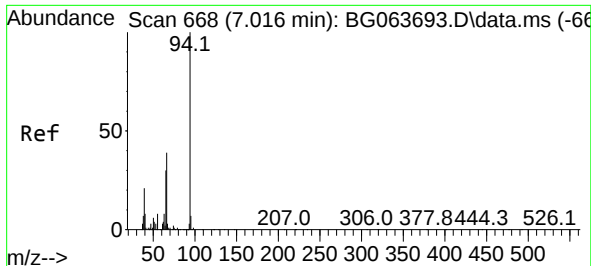
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
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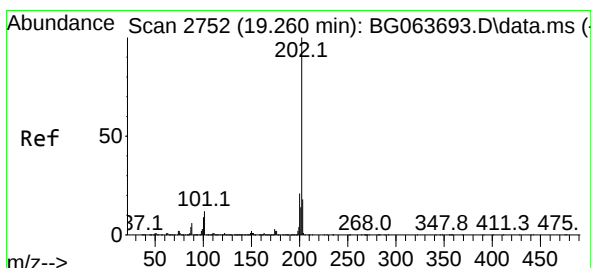
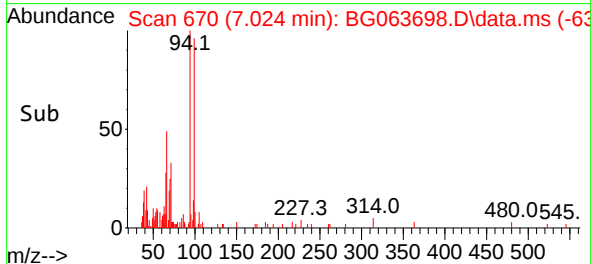
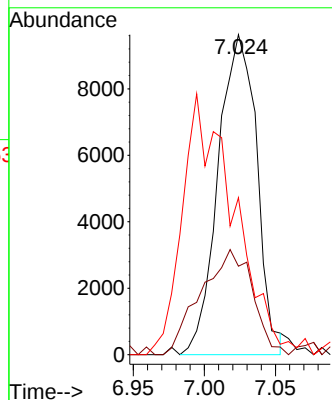
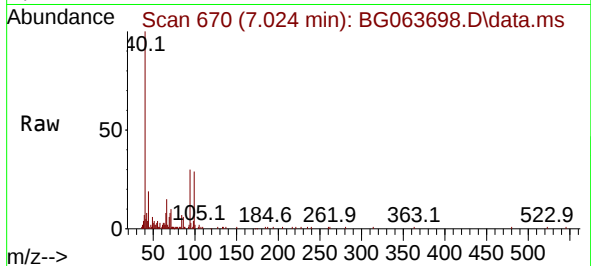
#8
Phenol
Concen: 1.310 ng/ul
RT: 7.024 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG063698.D
Acq: 17 Dec 2024 14:53

Instrument :
BNA_G
ClientSampleId :
E28W3

Tgt Ion: 94 Resp: 18200
Ion Ratio Lower Upper
94 100
65 27.7 25.6 38.4
66 49.0 34.2 51.2

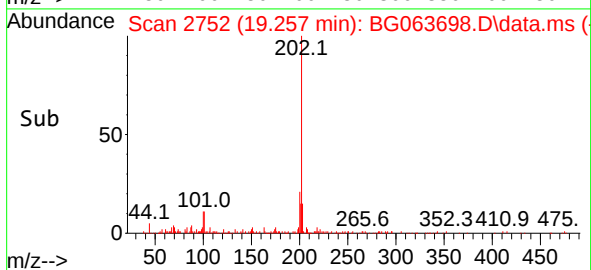
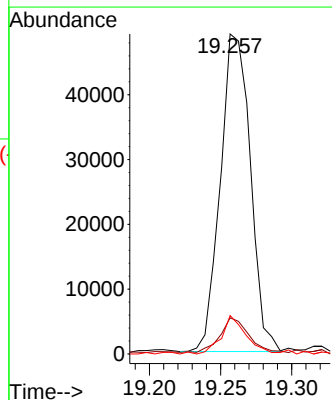
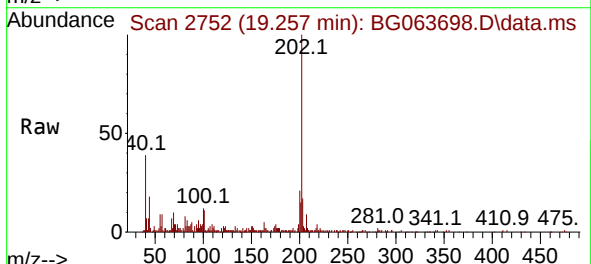
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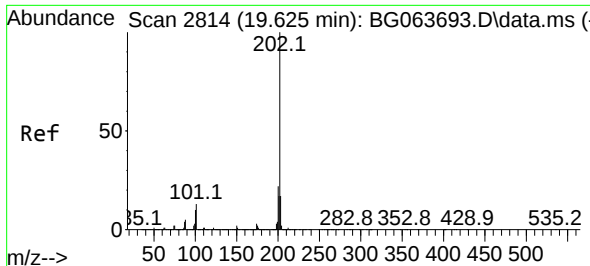
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#80
Fluoranthene
Concen: 1.135 ng/ul
RT: 19.257 min Scan# 2752
Delta R.T. -0.012 min
Lab File: BG063698.D
Acq: 17 Dec 2024 14:53

Tgt Ion:202 Resp: 72045
Ion Ratio Lower Upper
202 100
101 11.3 8.1 12.1
100 12.0 6.5 9.7





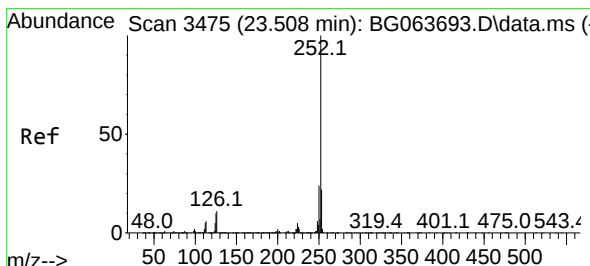
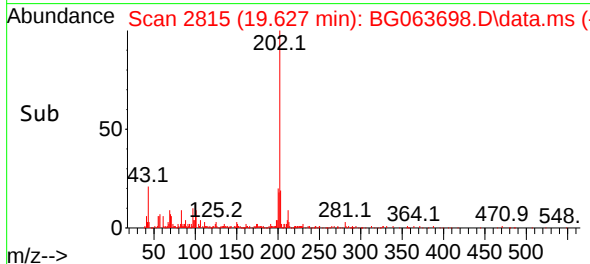
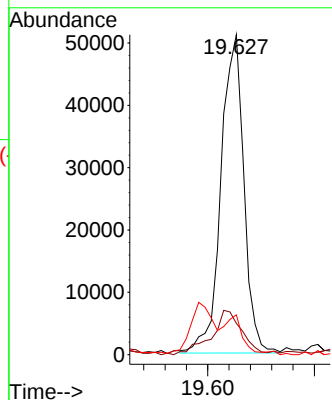
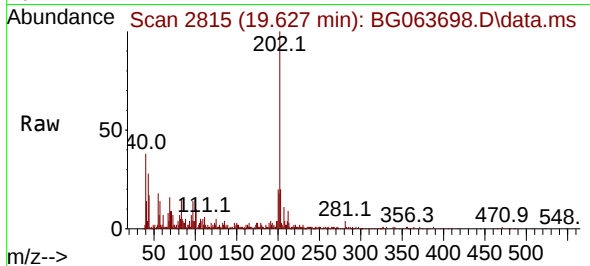
#82
Pyrene
Concen: 1.126 ng/ul
RT: 19.627 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG063698.D
Acq: 17 Dec 2024 14:53

Instrument :
BNA_G
ClientSampleId :
E28W3

Tgt Ion:202 Resp: 76052
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 12.4 7.8 11.6

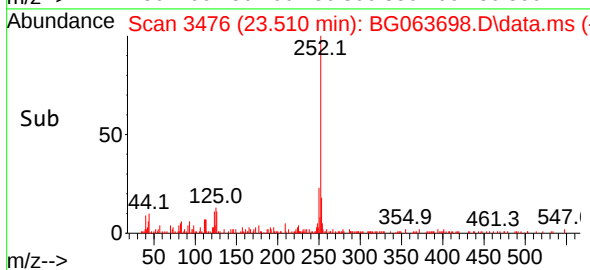
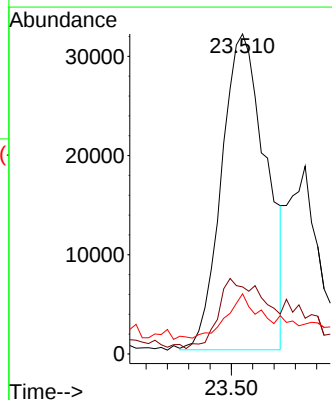
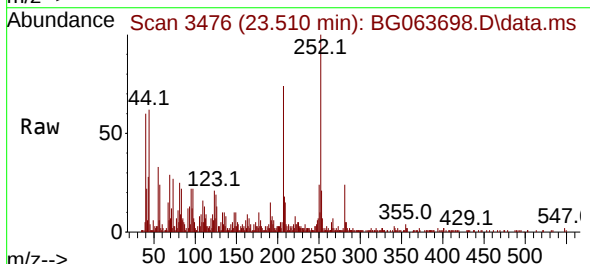
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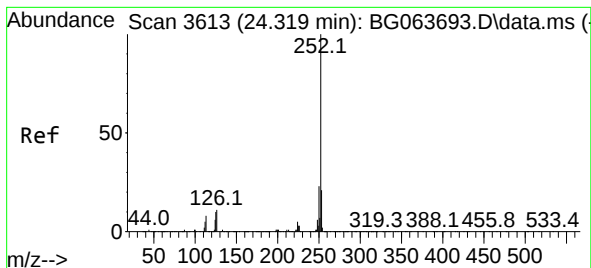
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024



#90
Benzo(b)fluoranthene
Concen: 1.436 ng/ul
RT: 23.510 min Scan# 3476
Delta R.T. -0.012 min
Lab File: BG063698.D
Acq: 17 Dec 2024 14:53

Tgt Ion:252 Resp: 92388
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 18.8 7.0 10.4





#93

Benzo(a)pyrene

Concen: 1.103 ng/ul

RT: 24.310 min Scan# 3612

Delta R.T. -0.030 min

Lab File: BG063698.D

Acq: 17 Dec 2024 14:53

Instrument :

BNA_G

ClientSampleId :

E28W3

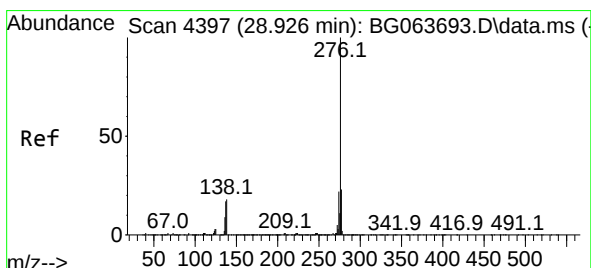
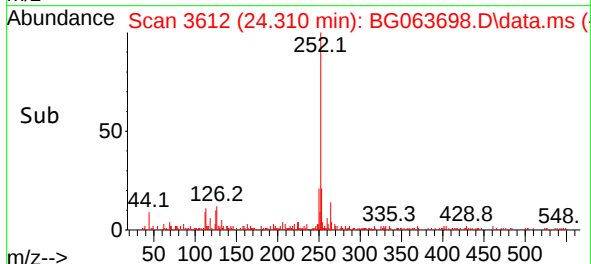
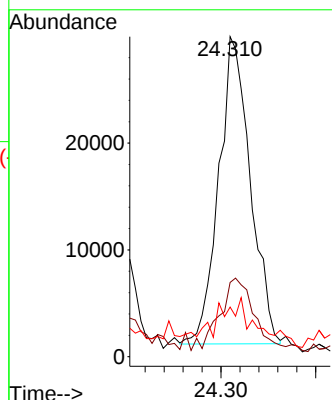
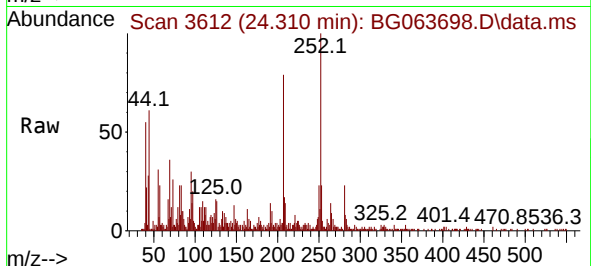
Tgt Ion:	252	Resp:	66598
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.6	24.8
125	15.5	8.0	12.0

Manual Integrations

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Supervised By :mohammad ahmed 12/18/2024



#96

Benzo(g,h,i)perylene

Concen: 1.150 ng/ul m

RT: 28.910 min Scan# 4395

Delta R.T. -0.030 min

Lab File: BG063698.D

Acq: 17 Dec 2024 14:53

Tgt Ion:	276	Resp:	67324
Ion Ratio	Lower	Upper	
276	100		
138	26.2	13.8	20.8
277	21.8	17.8	26.8

