

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
 Data File : BG061547.D
 Acq On : 8 Jun 2024 00:27
 Operator : MA/JU
 Sample : P2640-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C35

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 08 01:14:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.870	152	22935	20.000	ng/u1	0.00
20) Naphthalene-d8	10.661	136	89932	20.000	ng/u1 #	0.00
38) Acenaphthene-d10	14.510	164	69025	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	167612	20.000	ng/u1 #	0.00
79) Chrysene-d12	21.519	240	179628	20.000	ng/u1	0.00
88) Perylene-d12	24.621	264	209305	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	1773	4.326	ng/uL	-0.02
4) Pyridine-d5	3.740	84	29475	20.216	ng/u1	-0.03
7) Phenol-d5	7.065	99	41626	22.101	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.200	67	23711	20.029	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.412	132	33241	23.848	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	36189	22.534	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	18223	26.318	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	22006	27.156	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	43277	27.394	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	46794	22.640	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	148185	27.680	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	158633	28.502	ng/u1	0.00
54) 4-Nitrophenol-d4	14.762	143	14430m	21.802	ng/u1	0.00
60) Fluorene-d10	15.508	176	129930	28.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	20941	20.657	ng/u1	0.00
73) Anthracene-d10	17.359	188	212025	28.693	ng/u1	0.00
81) Pyrene-d10	19.656	212	267658	29.020	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.416	264	292071	29.026	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.306	178	10471m	1.287	ng/u1	
80) Fluoranthene	19.322	202	22988	2.078	ng/u1#	97
82) Pyrene	19.686	202	21775	1.896	ng/u1#	96
85) Benzo(a)anthracene	21.501	228	14754	1.190	ng/u1	96
87) Chrysene	21.566	228	14155m	1.240	ng/u1	
90) Benzo(b)fluoranthene	23.652	252	18174m	1.458	ng/u1	
93) Benzo(a)pyrene	24.480	252	13978	1.181	ng/u1#	90

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

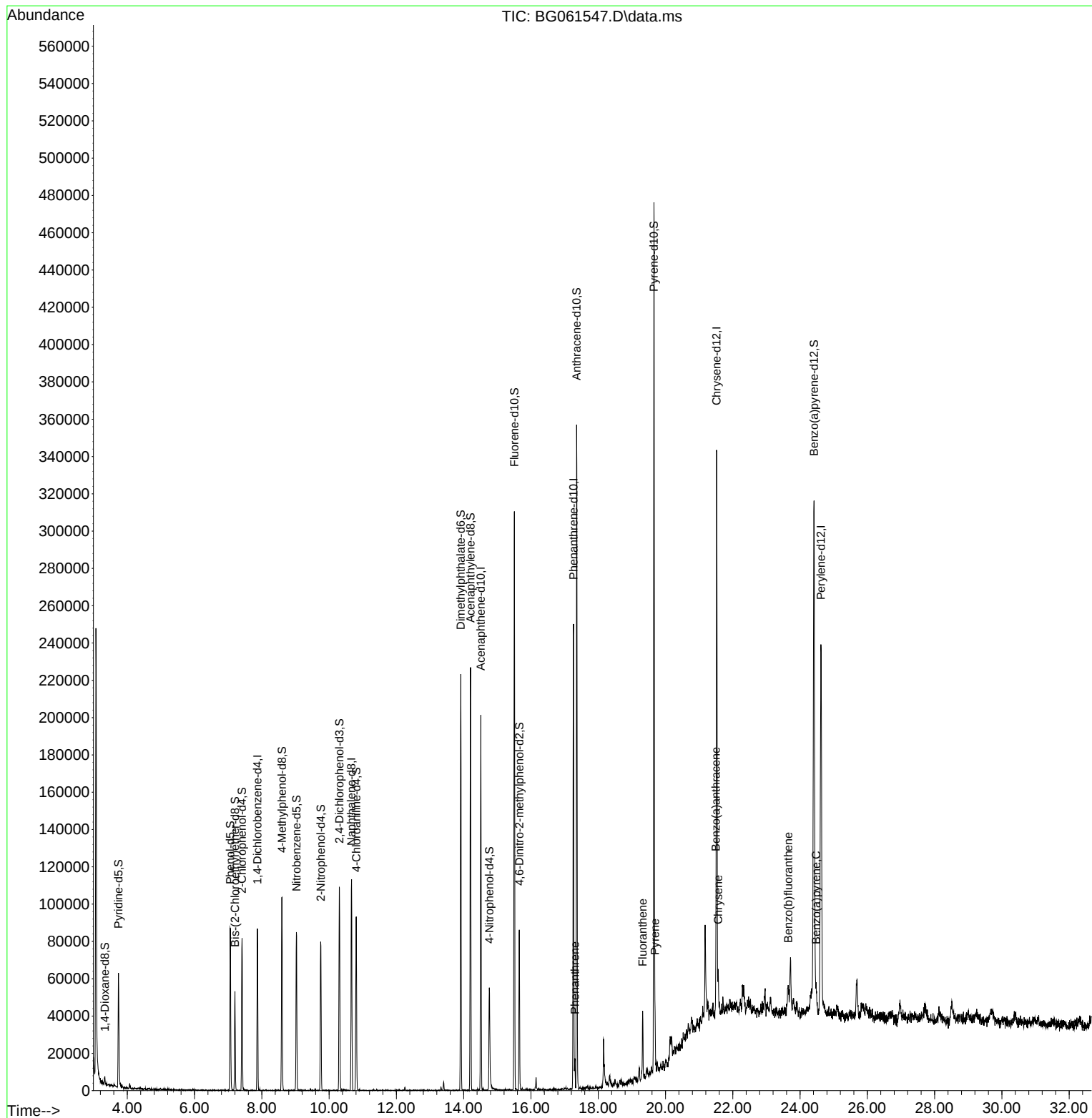
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061547.D
Acq On : 8 Jun 2024 00:27
Operator : MA/JU
Sample : P2640-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

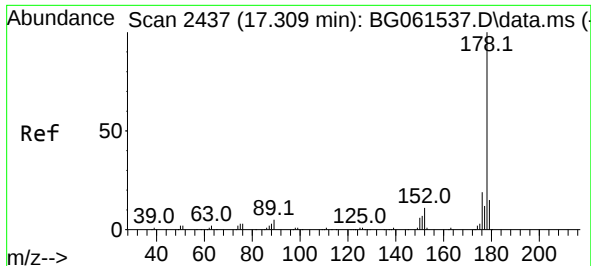
Instrument :
BNA_G
ClientSampleId :
A4C35

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Supervised By :mohammad ahmed 06/10/2024

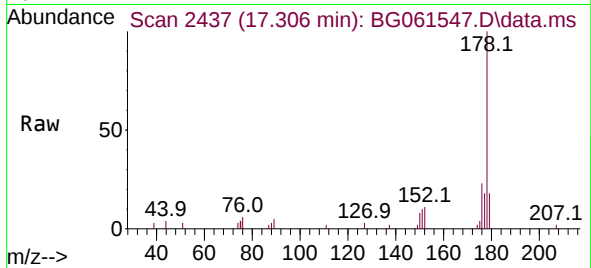
Quant Time: Jun 08 01:14:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:15:45 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.287 ng/ul m
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27

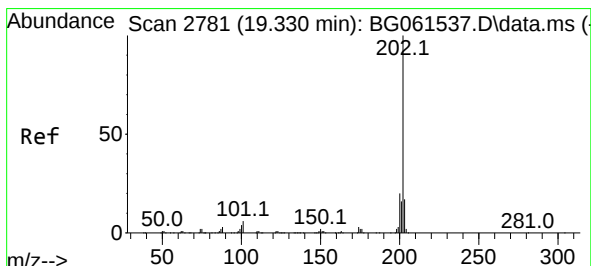
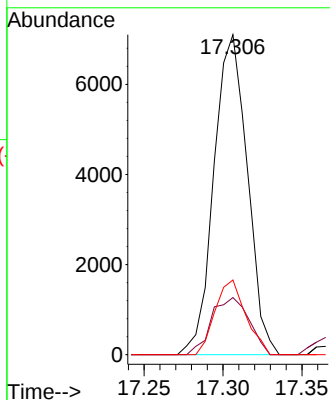
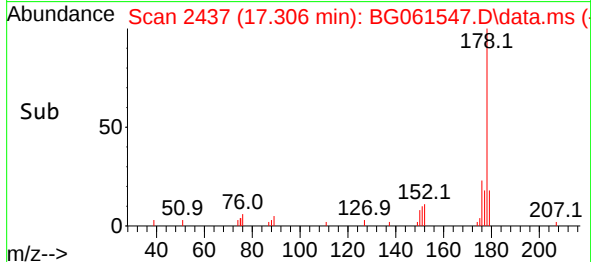
Instrument :
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ClientSampleId :
A4C35



Tgt Ion:178 Resp: 1047
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 23.3 15.5 23.3

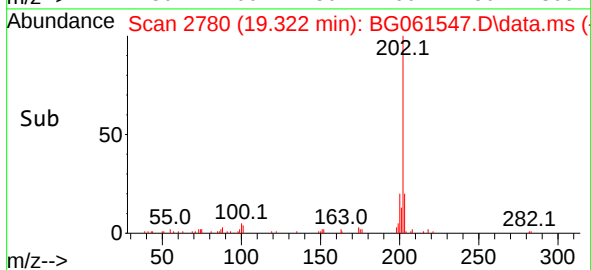
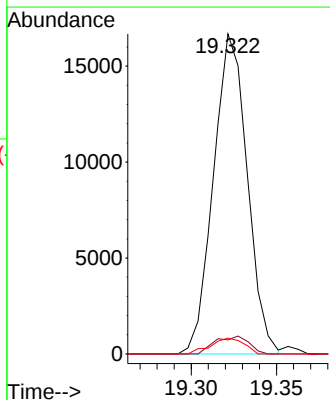
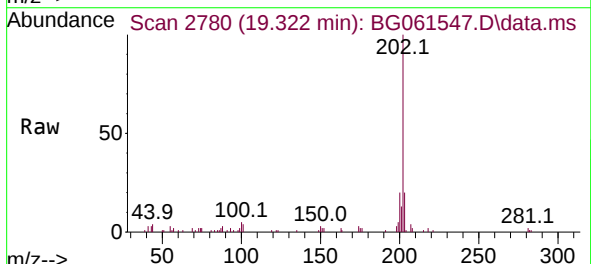
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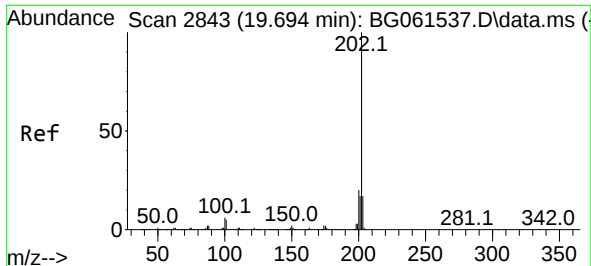
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#80
Fluoranthene
Concen: 2.078 ng/ul
RT: 19.322 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27

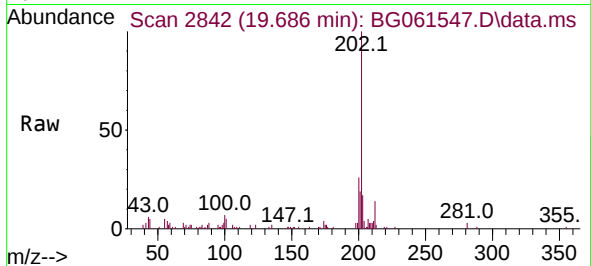
Tgt Ion:202 Resp: 22988
Ion Ratio Lower Upper
202 100
101 4.4 4.8 7.2#
100 5.0 4.1 6.1





#82
Pyrene
Concen: 1.896 ng/ul
RT: 19.686 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27

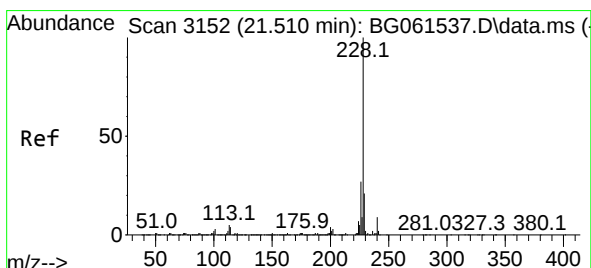
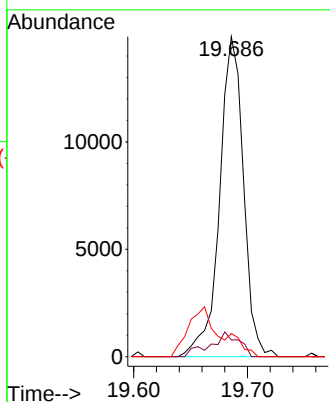
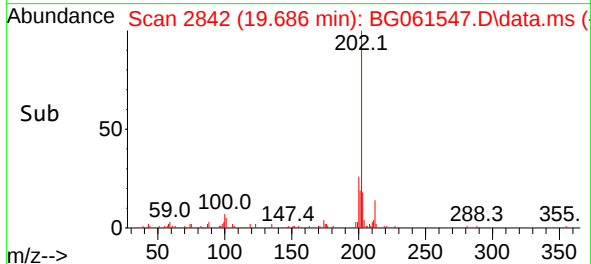
Instrument :
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ClientSampleId :
A4C35



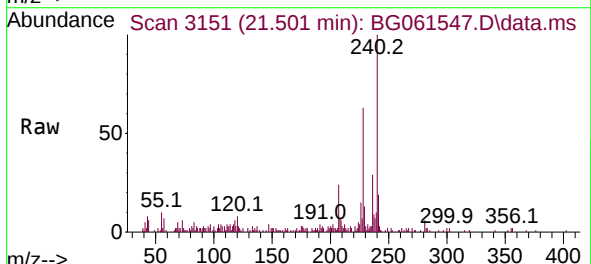
Tgt Ion:202 Resp: 2177
Ion Ratio Lower Upper
202 100
101 5.2 5.7 8.5
100 7.2 5.1 7.7

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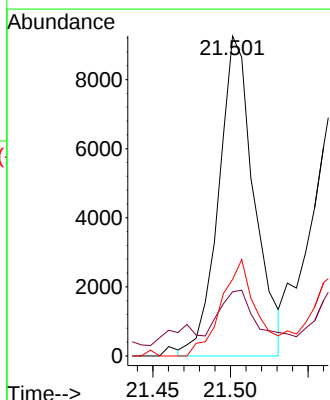
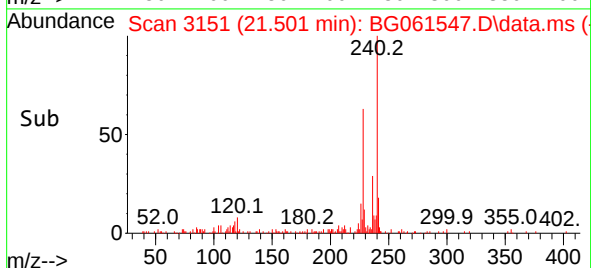
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024

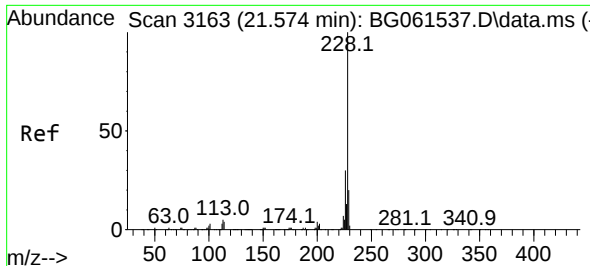


#85
Benzo(a)anthracene
Concen: 1.190 ng/ul
RT: 21.501 min Scan# 3151
Delta R.T. -0.000 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27



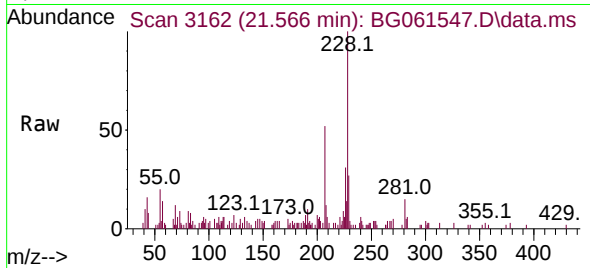
Tgt Ion:228 Resp: 14754
Ion Ratio Lower Upper
228 100
229 20.0 15.2 22.8
226 23.9 21.4 32.2





#87
Chrysene
Concen: 1.240 ng/ul m
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27

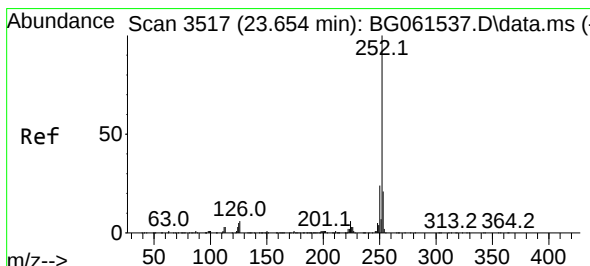
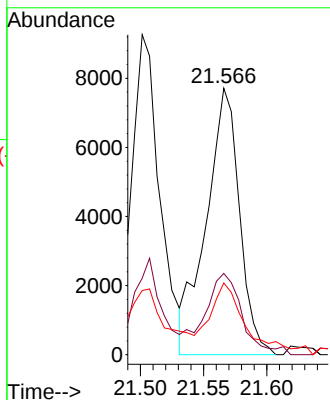
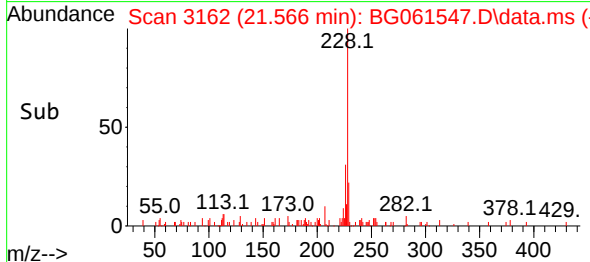
Instrument :
BNA_G
ClientSampleId :
A4C35



Tgt Ion:228 Resp: 14158
Ion Ratio Lower Upper
228 100
226 30.5 23.4 35.0
229 26.9 15.4 23.2

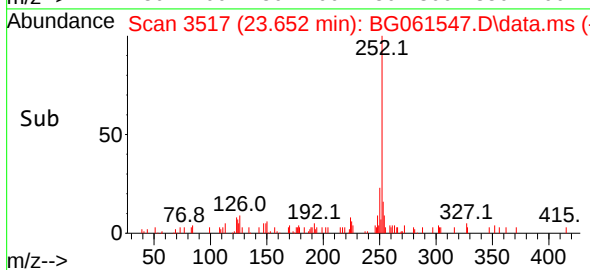
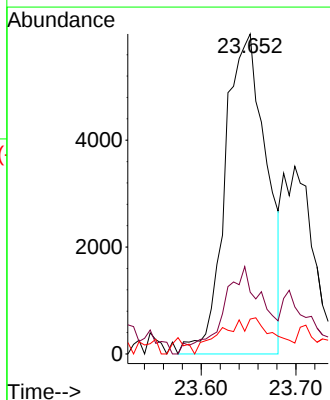
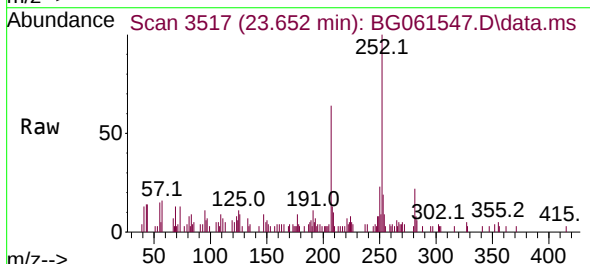
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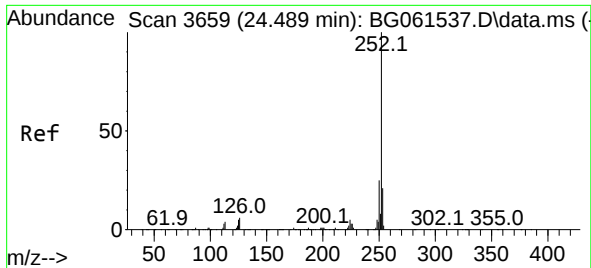
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/10/2024



#90
Benzo(b)fluoranthene
Concen: 1.458 ng/ul m
RT: 23.652 min Scan# 3517
Delta R.T. 0.018 min
Lab File: BG061547.D
Acq: 8 Jun 2024 00:27

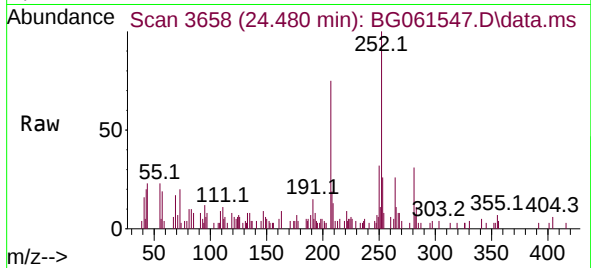
Tgt Ion:252 Resp: 18174
Ion Ratio Lower Upper
252 100
253 19.3 17.8 26.8
125 10.9 4.6 6.8





#93
 Benzo(a)pyrene
 Concen: 1.181 ng/ul
 RT: 24.480 min Scan# 30
 Delta R.T. 0.012 min
 Lab File: BG061547.D
 Acq: 8 Jun 2024 00:27

Instrument :
 BNA_G
 ClientSampleId :
 A4C35



Tgt Ion:252 Resp: 13978
 Ion Ratio Lower Upper
 252 100
 253 25.8 16.4 24.6
 125 7.4 4.3 6.5

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