

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061274.D
 Acq On : 23 May 2024 16:47
 Operator : MA/JU
 Sample : P2547-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5P1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 24 01:19:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	19077	20.000	ng/u1	0.00
20) Naphthalene-d8	10.678	136	82159	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.521	164	73283	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	188729m	20.000	ng/u1	0.00
79) Chrysene-d12	21.518	240	195303	20.000	ng/u1	0.00
88) Perylene-d12	24.603	264	211928	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	1411	4.139	ng/uL	0.00
4) Pyridine-d5	3.745	84	20346	16.777	ng/u1	0.00
7) Phenol-d5	7.065	99	29641	18.920	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	20370	20.687	ng/u1	0.00
11) 2-Chlorophenol-d4	7.423	132	23253	20.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	26399	19.762	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	12635	19.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	14869	20.085	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	29779	20.633	ng/u1	0.00
31) 4-Chloroaniline-d4	10.813	131	39305	20.816	ng/u1	0.00
46) Dimethylphthalate-d6	13.921	166	123765	21.776	ng/u1	0.00
49) Acenaphthylene-d8	14.209	160	128741	21.787	ng/u1	0.00
54) 4-Nitrophenol-d4	14.744	143	14532	20.681	ng/u1	0.00
60) Fluorene-d10	15.514	176	112724	22.972	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	19371	16.970	ng/u1	0.00
73) Anthracene-d10	17.364	188	201993	24.277	ng/u1	0.00
81) Pyrene-d10	19.656	212	247690	24.700	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	249412	24.479	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.312	178	64327m	7.023	ng/u1	
74) Anthracene	17.400	178	11804	1.246	ng/u1	95
80) Fluoranthene	19.321	202	124236	10.327	ng/u1	99
82) Pyrene	19.685	202	107087	8.576	ng/u1	100
85) Benzo(a)anthracene	21.495	228	59930	4.447	ng/u1	96
87) Chrysene	21.560	228	56414	4.546	ng/u1	95
90) Benzo(b)fluoranthene	23.622	252	71920	5.700	ng/u1#	99
91) Benzo(k)fluoranthene	23.686	252	26439m	2.064	ng/u1	
93) Benzo(a)pyrene	24.456	252	52679	4.397	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.093	276	36429m	2.514	ng/u1	
96) Benzo(g,h,i)perylene	29.180	276	33839m	2.936	ng/u1	

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

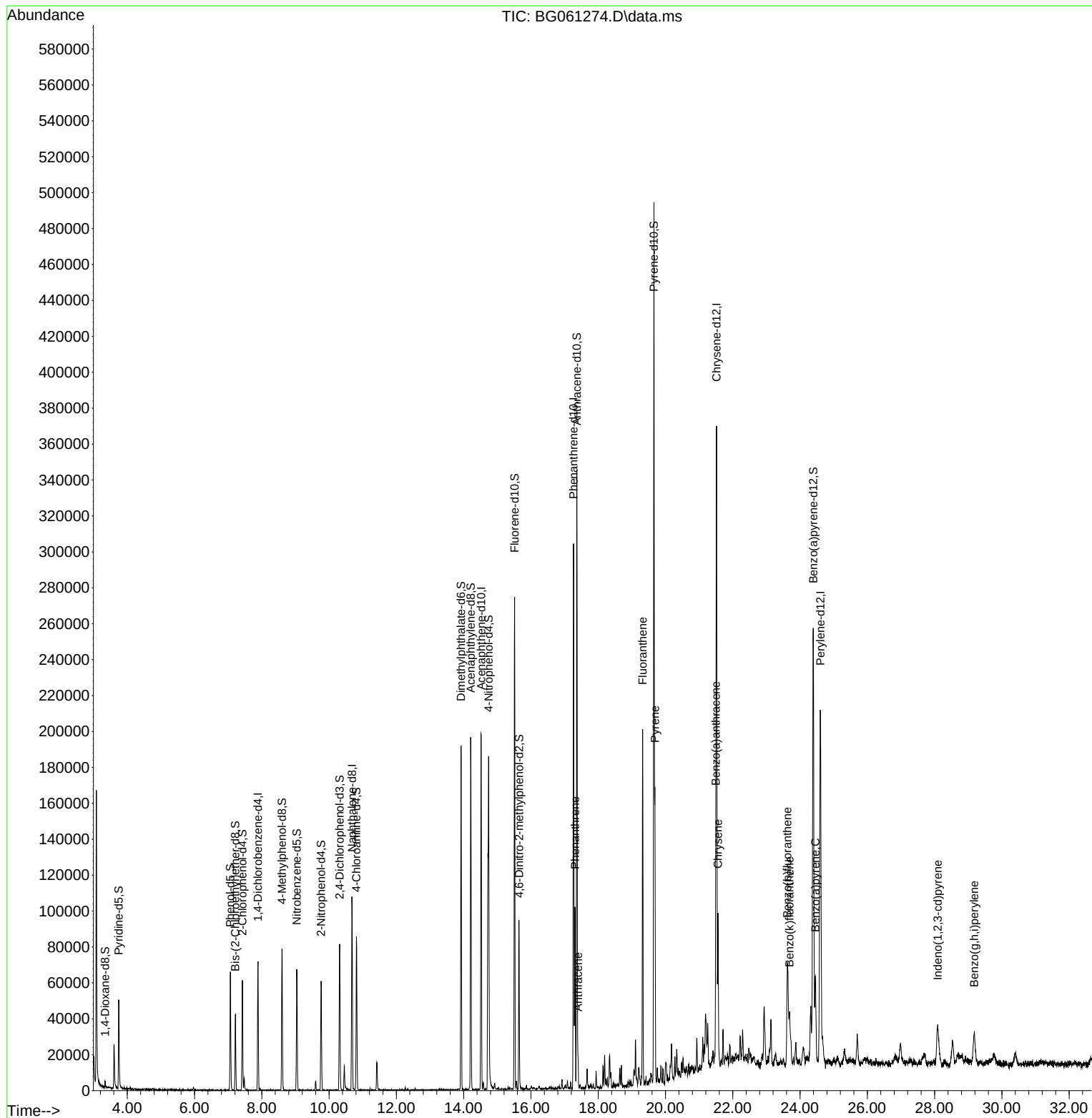
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
Data File : BG061274.D
Acq On : 23 May 2024 16:47
Operator : MA/JU
Sample : P2547-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

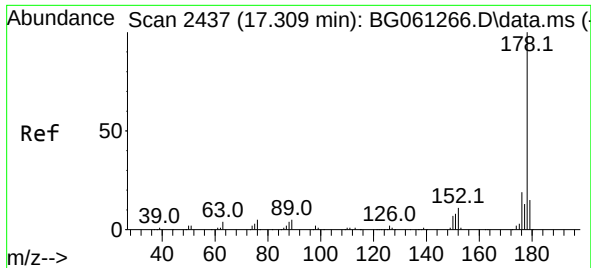
Instrument :
BNA_G
ClientSampleId :
BH5P1

Quant Time: May 24 01:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 15:23:39 2024
Response via : Initial Calibration

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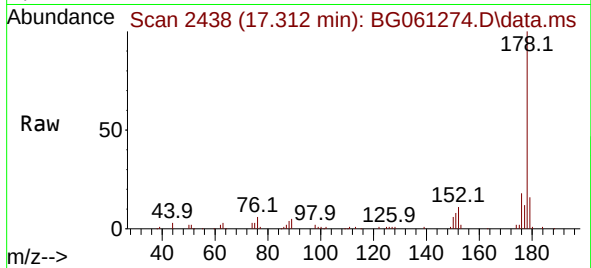
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024





#72
Phenanthrene
Concen: 7.023 ng/ul m
RT: 17.312 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

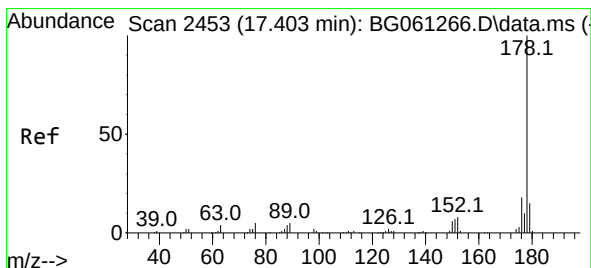
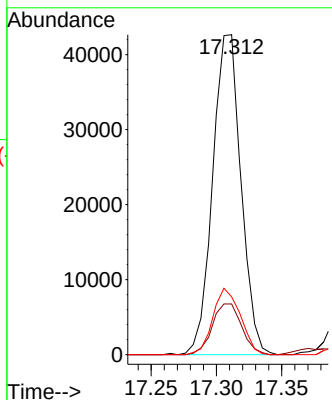
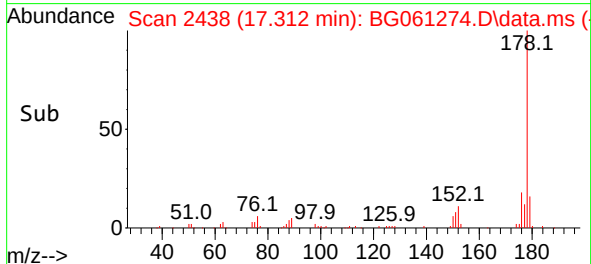
Instrument :
BNA_G
ClientSampleId :
BH5P1



Tgt Ion:178 Resp: 6432
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.1 15.5 23.3

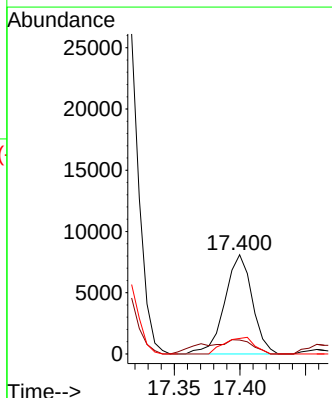
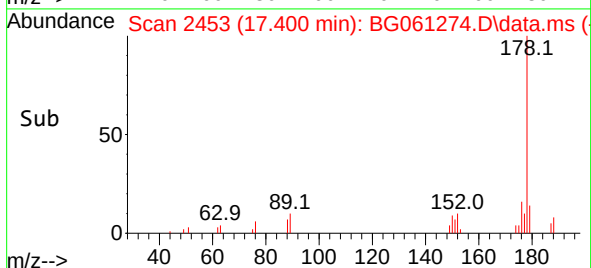
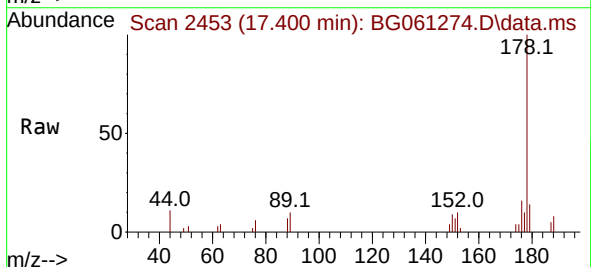
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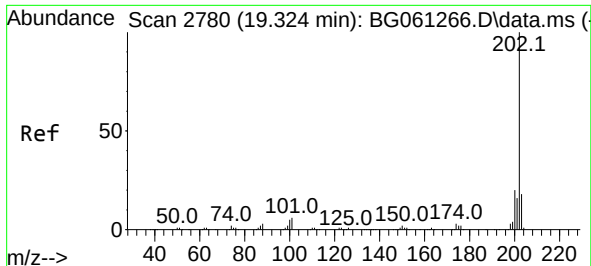
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#74
Anthracene
Concen: 1.246 ng/ul
RT: 17.400 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

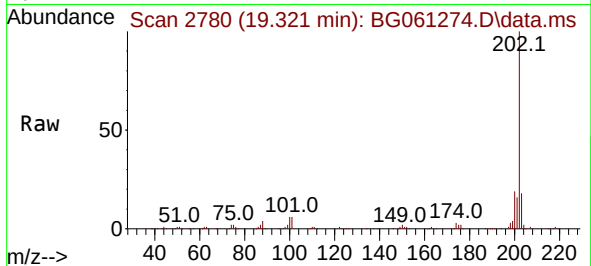
Tgt Ion:178 Resp: 11804
Ion Ratio Lower Upper
178 100
179 14.0 11.8 17.6
176 15.6 14.9 22.3





#80
Fluoranthene
Concen: 10.327 ng/u1
RT: 19.321 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

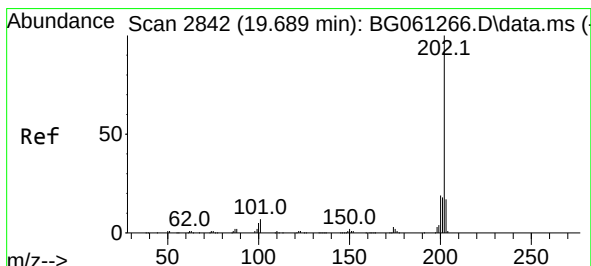
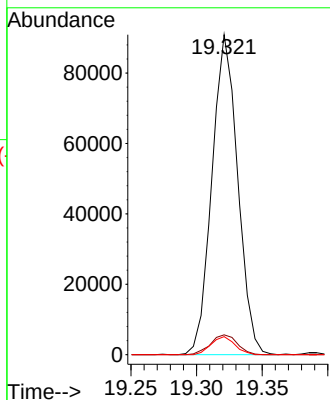
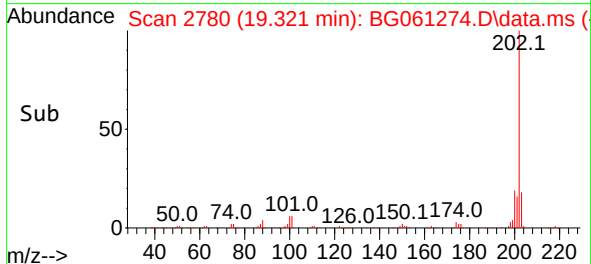
Instrument :
BNA_G
ClientSampleId :
BH5P1



Tgt Ion:202 Resp: 124230
Ion Ratio Lower Upper
202 100
101 6.2 4.8 7.2
100 5.7 4.1 6.1

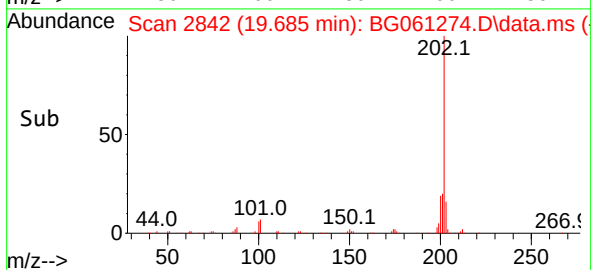
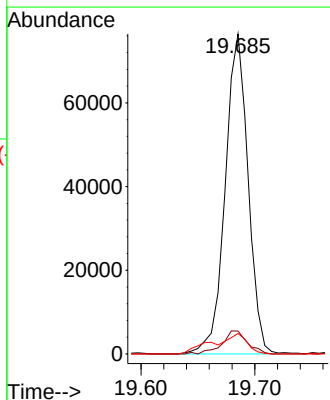
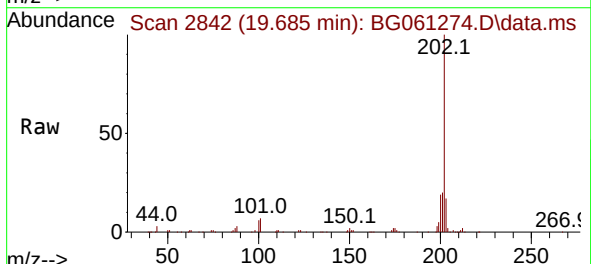
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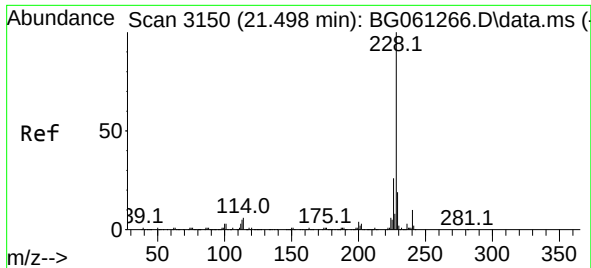
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#82
Pyrene
Concen: 8.576 ng/u1
RT: 19.685 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

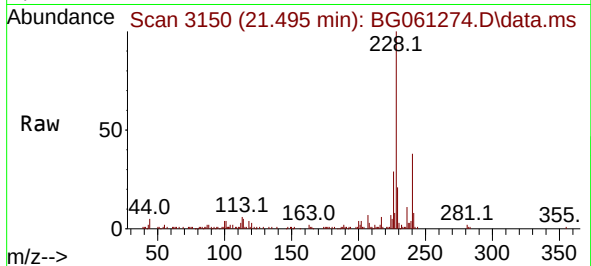
Tgt Ion:202 Resp: 107087
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.4 5.1 7.7





#85
Benzo(a)anthracene
Concen: 4.447 ng/ul
RT: 21.495 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

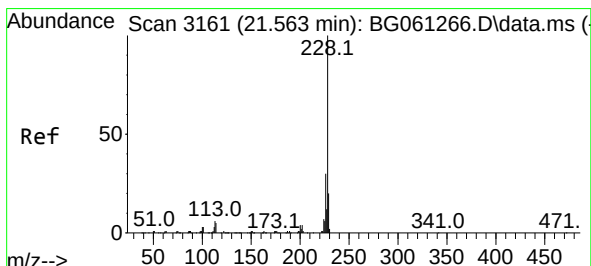
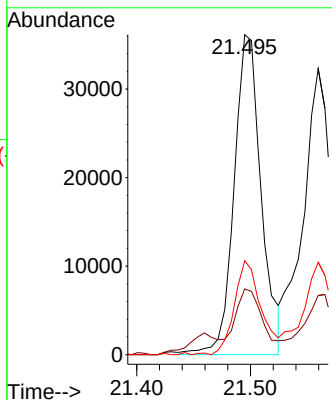
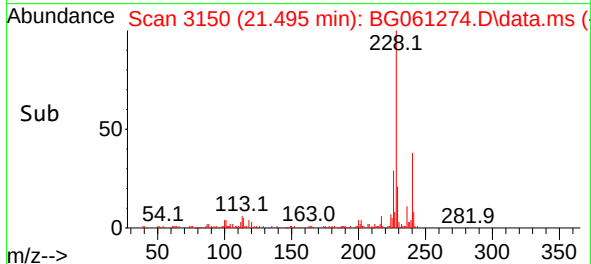
Instrument :
BNA_G
ClientSampleId :
BH5P1



Tgt Ion:228 Resp: 59930
Ion Ratio Lower Upper
228 100
229 20.6 15.2 22.8
226 29.3 21.4 32.2

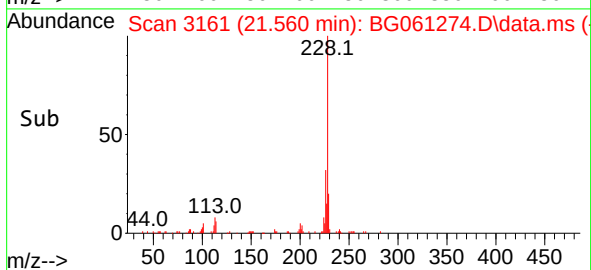
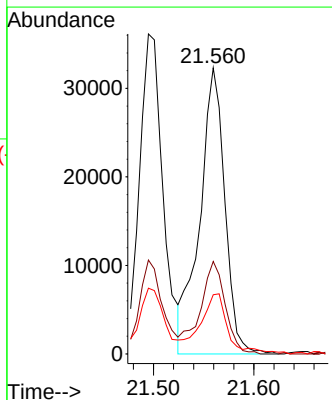
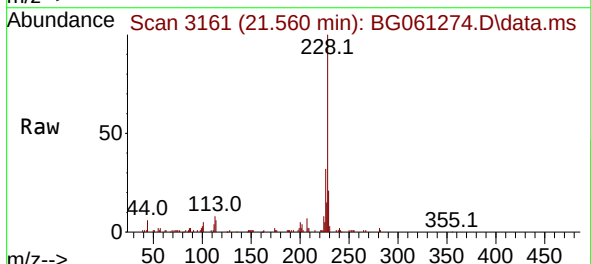
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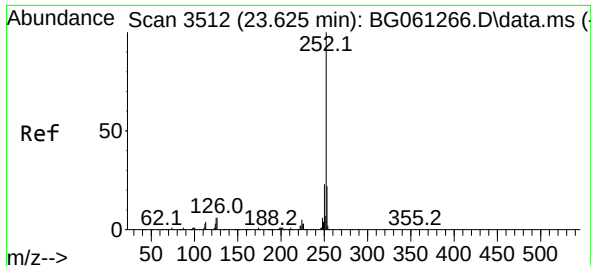
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#87
Chrysene
Concen: 4.546 ng/ul
RT: 21.560 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

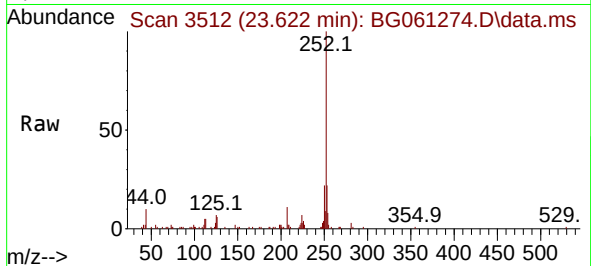
Tgt Ion:228 Resp: 56414
Ion Ratio Lower Upper
228 100
226 32.3 23.4 35.0
229 20.7 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 5.700 ng/ul
RT: 23.622 min Scan# 3512
Delta R.T. -0.007 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

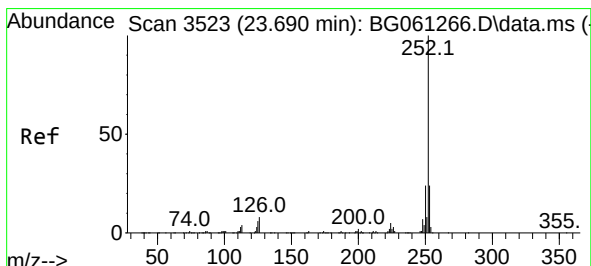
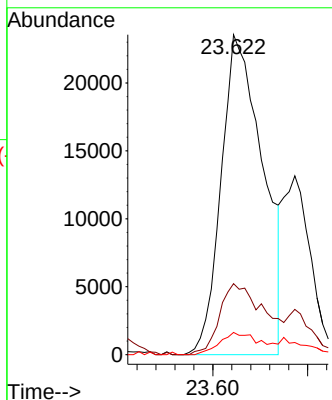
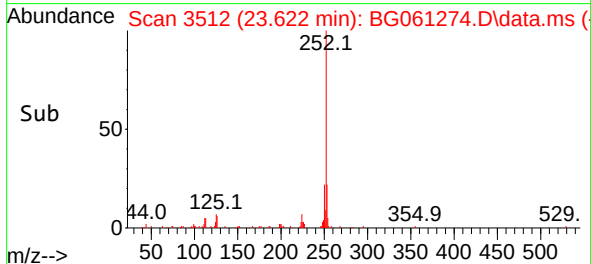
Instrument :
BNA_G
ClientSampleId :
BH5P1



Tgt Ion:252 Resp: 71920
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.0 4.6 6.8

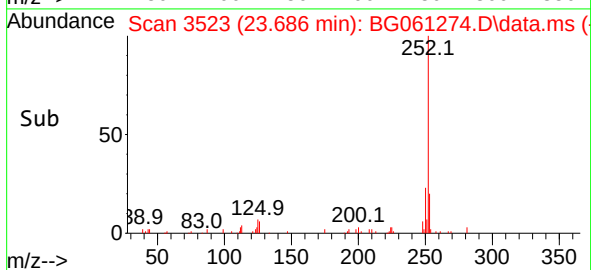
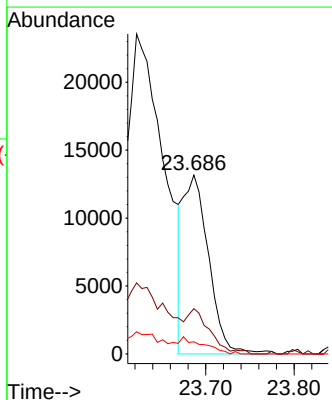
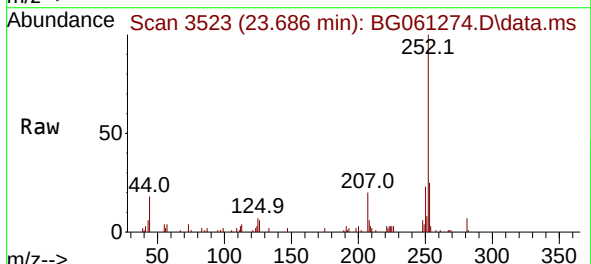
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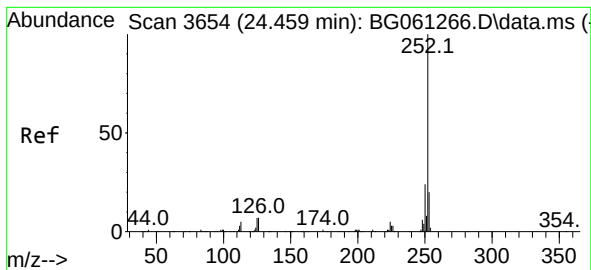
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#91
Benzo(k)fluoranthene
Concen: 2.064 ng/ul m
RT: 23.686 min Scan# 3523
Delta R.T. -0.007 min
Lab File: BG061274.D
Acq: 23 May 2024 16:47

Tgt Ion:252 Resp: 26439
Ion Ratio Lower Upper
252 100
253 25.3 16.0 24.0#
125 6.8 4.3 6.5#





#93

Benzo(a)pyrene

Concen: 4.397 ng/ul

RT: 24.456 min Scan# 30

Delta R.T. -0.007 min

Lab File: BG061274.D

Acq: 23 May 2024 16:47

Instrument :

BNA_G

ClientSampleId :

BH5P1

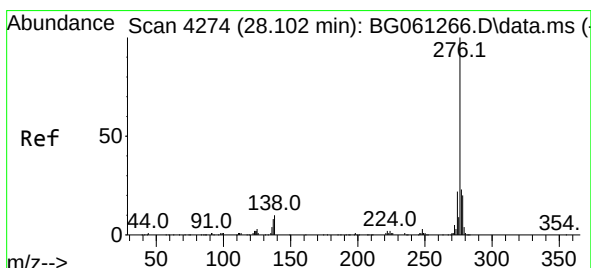
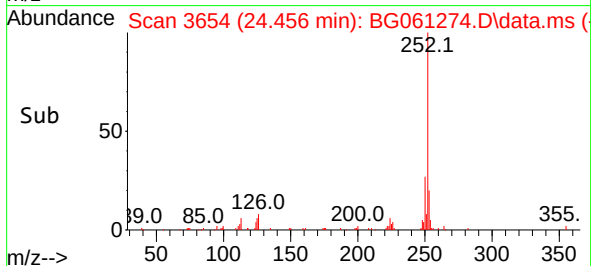
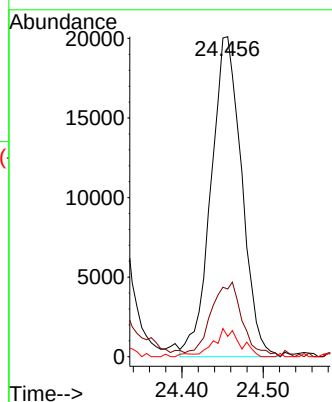
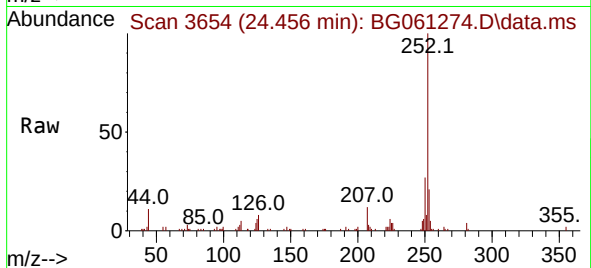
Tgt Ion:252 Resp: 52679
 Ion Ratio Lower Upper
 252 100
 253 21.1 16.4 24.6
 125 6.3 4.3 6.5

Manual Integrations

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Supervised By :mohammad ahmed 05/25/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.514 ng/ul m

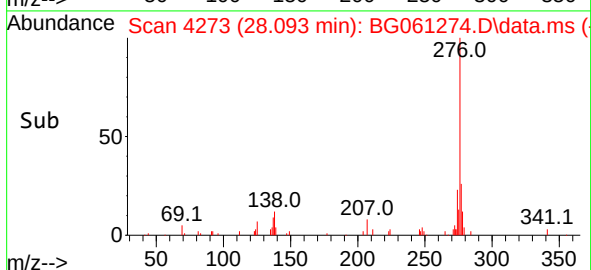
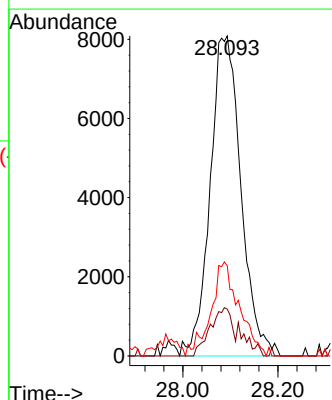
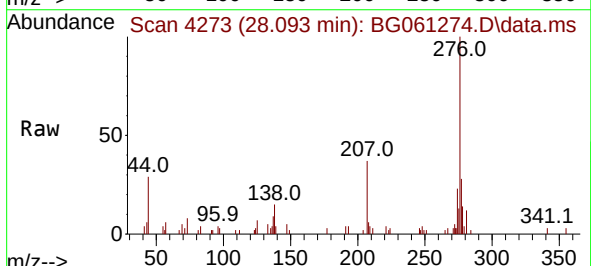
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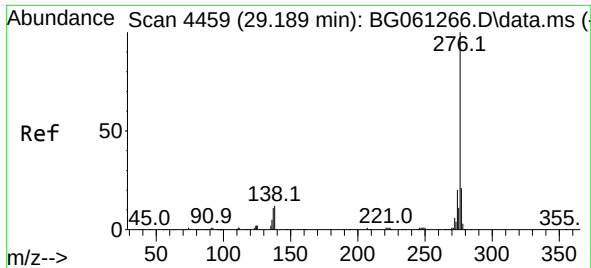
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Lab File: BG061274.D

Acq: 23 May 2024 16:47

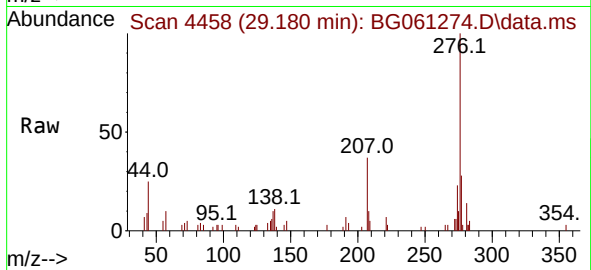
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 Ion Ratio Lower Upper
 276 100
 138 14.7 8.6 13.0#
 277 28.2 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.936 ng/ul m
 RT: 29.180 min Scan# 44
 Delta R.T. -0.013 min
 Lab File: BG061274.D
 Acq: 23 May 2024 16:47

Instrument :
 BNA_G
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 BH5P1



Tgt Ion:276 Resp: 33839
 Ion Ratio Lower Upper
 276 100
 138 11.0 8.7 13.1
 277 28.2 18.2 27.2

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