

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061771.D
 Acq On : 28 Jun 2024 14:10
 Operator : MA/JU
 Sample : P2934-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CQ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 00:23:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	73121	20.000	ng/u1	0.00
20) Naphthalene-d8	10.868	136	334096	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.687	164	212979	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.431	188	456553m	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	340412	20.000	ng/u1	0.00
88) Perylene-d12	24.910	264	398377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.459	96	10729	5.300	ng/uL	0.00
4) Pyridine-d5	3.876	84	122746	20.057	ng/u1	0.00
7) Phenol-d5	7.207	99	204808	25.801	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.384	67	127869	25.841	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	147047	26.995	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	157558	25.675	ng/u1	0.00
21) Nitrobenzene-d5	9.223	128	74071	32.652	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	83581	36.378	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	157035	28.865	ng/u1	0.00
31) 4-Chloroaniline-d4	11.003	131	188536	22.890	ng/u1	0.00
46) Dimethylphthalate-d6	14.088	166	472503	28.830	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	553399	30.810	ng/u1	0.00
54) 4-Nitrophenol-d4	14.869	143	65758	23.362	ng/u1	0.00
60) Fluorene-d10	15.680	176	412045	28.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	28968m	14.838	ng/u1	0.00
73) Anthracene-d10	17.531	188	618995	29.702	ng/u1	0.00
81) Pyrene-d10	19.810	212	627812	33.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.693	264	587996	30.903	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.472	178	155360m	6.468	ng/u1	
74) Anthracene	17.566	178	29693	1.209	ng/u1	97
80) Fluoranthene	19.481	202	219463	9.947	ng/u1	97
82) Pyrene	19.840	202	212585	9.062	ng/u1	95
85) Benzo(a)anthracene	21.673	228	99158	4.150	ng/u1	93
87) Chrysene	21.737	228	97256	4.301	ng/u1	95
90) Benzo(b)fluoranthene	23.894	252	128614	5.371	ng/u1#	97
91) Benzo(k)fluoranthene	23.952	252	46266m	1.879	ng/u1	
93) Benzo(a)pyrene	24.757	252	97045	4.209	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.571	276	72674m	2.530	ng/u1	
96) Benzo(g,h,i)perylene	29.716	276	66656m	2.878	ng/u1	

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

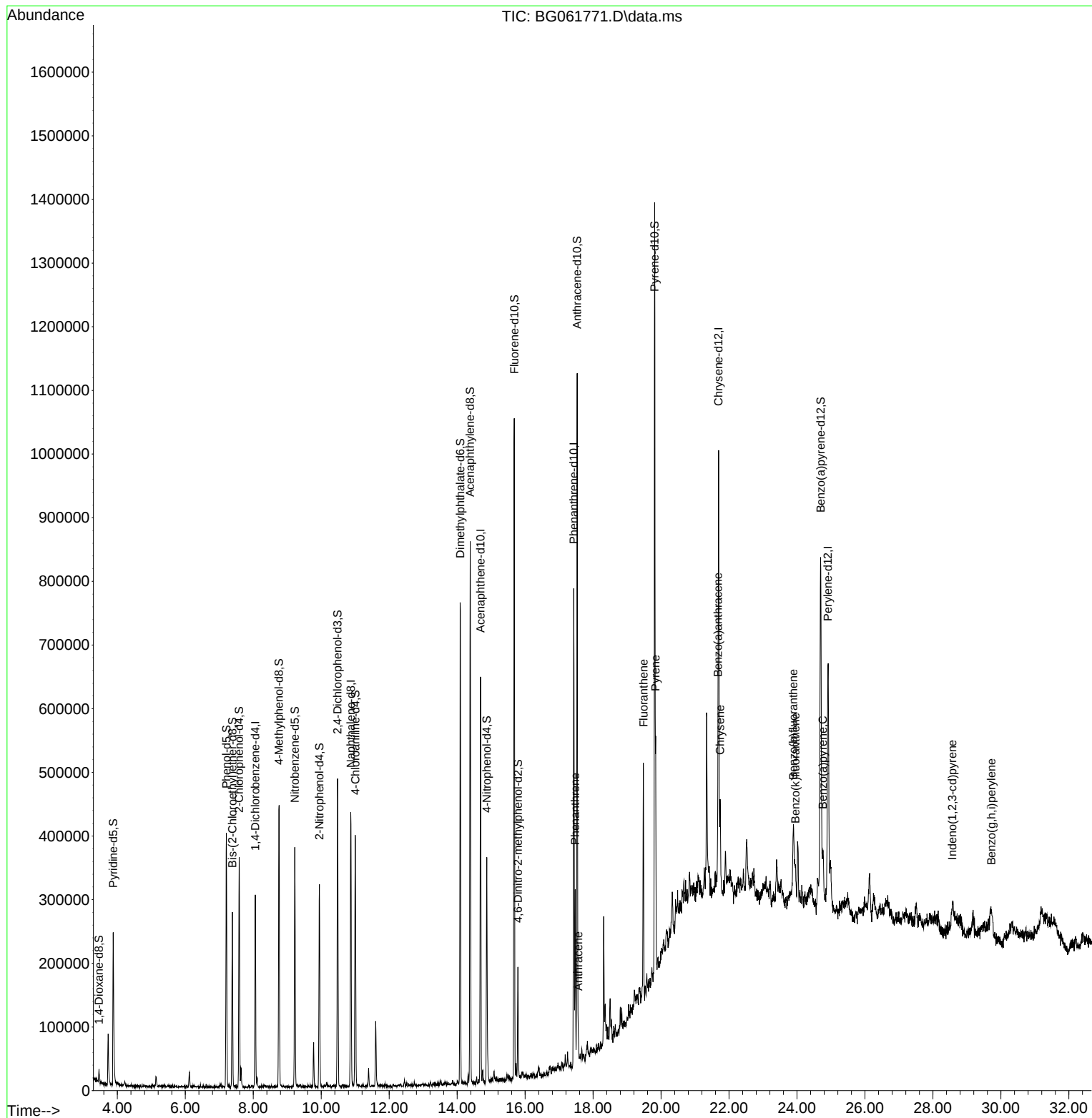
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

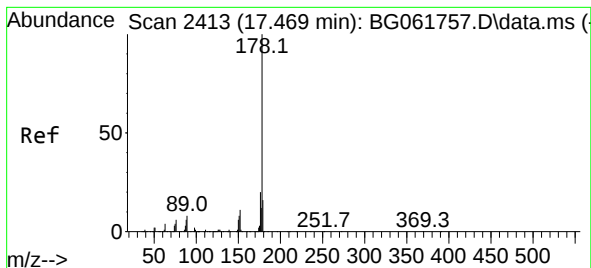
Instrument :
BNA_G
ClientSampleId :
A4CQ3

Quant Time: Jun 29 00:23:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
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Manual Integrations
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Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024





#72

Phenanthrene

Concen: 6.468 ng/ul m

RT: 17.472 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

Instrument :

BNA_G

ClientSampleId :

A4CQ3

Tgt Ion:178 Resp: 155360

Ion Ratio Lower Upper

178 100

179 15.3 12.0 18.0

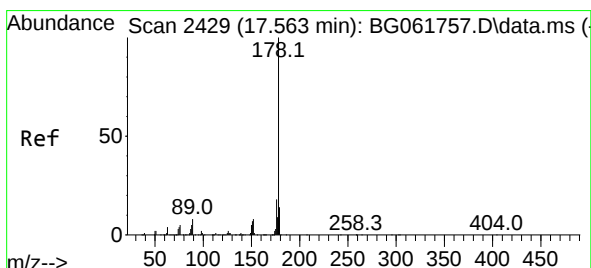
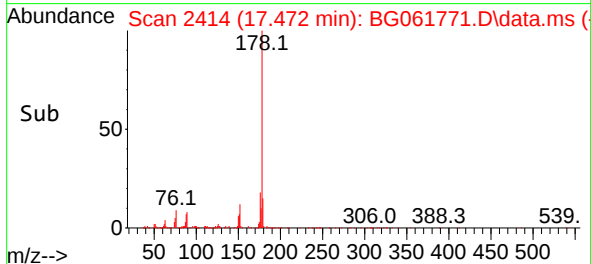
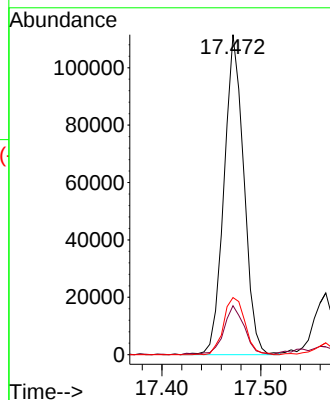
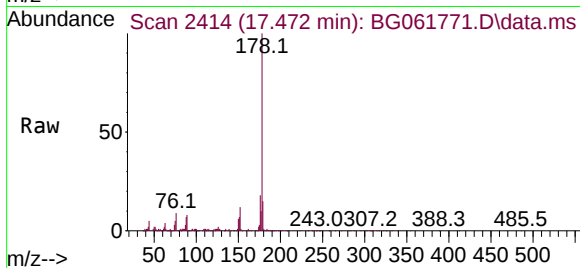
176 17.8 16.2 24.2

Manual Integrations

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Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024



#74

Anthracene

Concen: 1.209 ng/ul

RT: 17.566 min Scan# 2430

Delta R.T. 0.000 min

Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

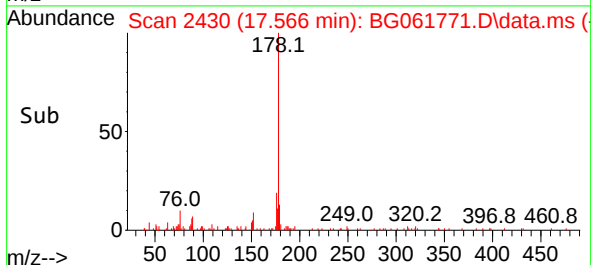
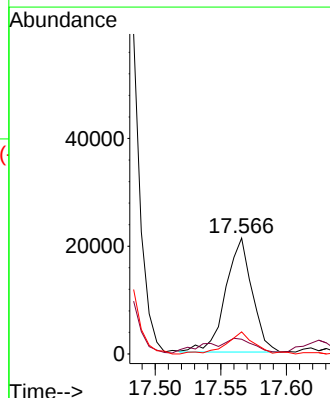
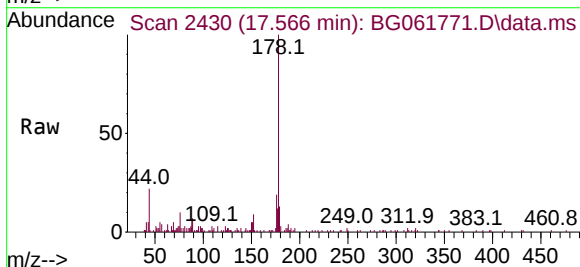
Tgt Ion:178 Resp: 29693

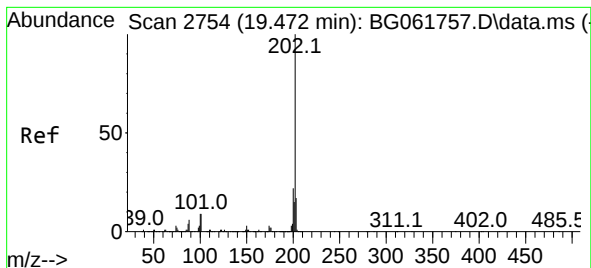
Ion Ratio Lower Upper

178 100

179 12.7 11.4 17.2

176 19.1 14.7 22.1





#80

Fluoranthene

Concen: 9.947 ng/ul

RT: 19.481 min Scan# 21946

Delta R.T. 0.006 min

Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

Instrument :

BNA_G

ClientSampleId :

A4CQ3

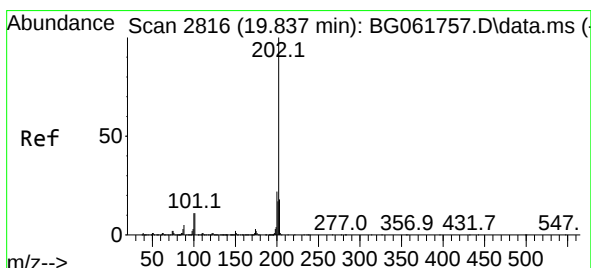
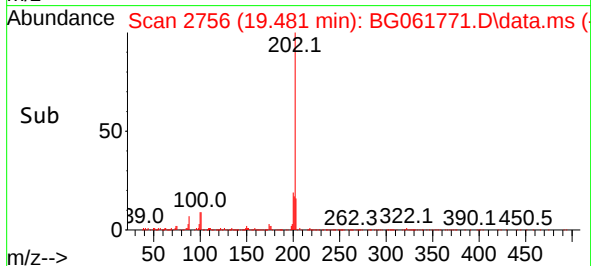
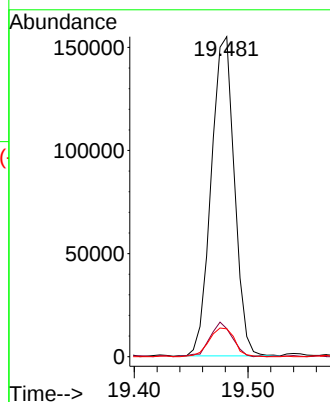
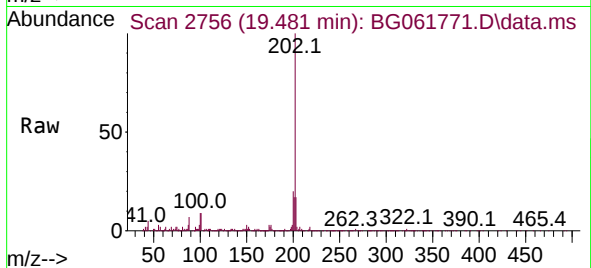
Tgt Ion:	202	Resp:	21946
Ion Ratio	Lower	Upper	
202	100		
101	8.8	7.8	11.6
100	8.7	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#82

Pyrene

Concen: 9.062 ng/ul

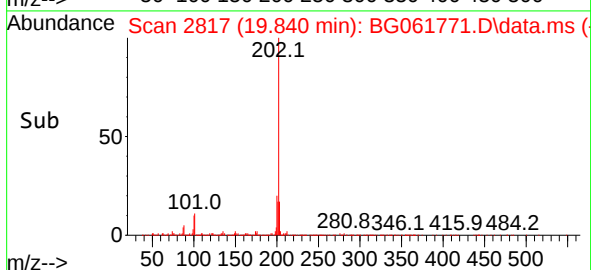
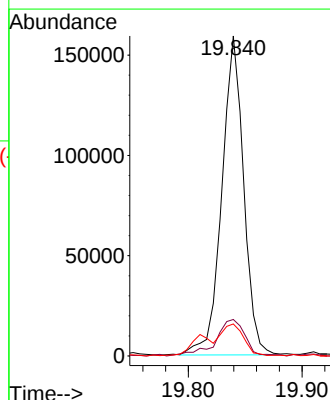
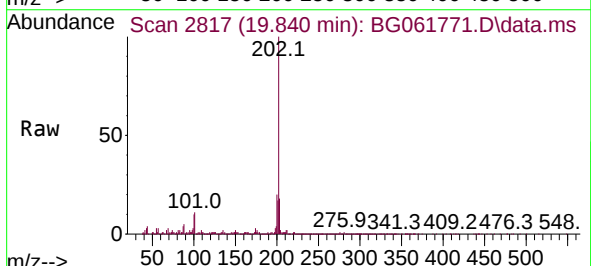
RT: 19.840 min Scan# 2817

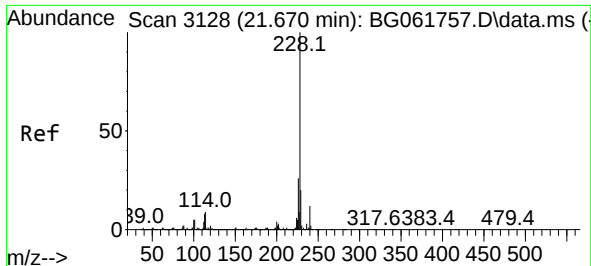
Delta R.T. 0.000 min

Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

Tgt Ion:	202	Resp:	212585
Ion Ratio	Lower	Upper	
202	100		
101	11.4	10.1	15.1
100	10.0	9.9	14.9





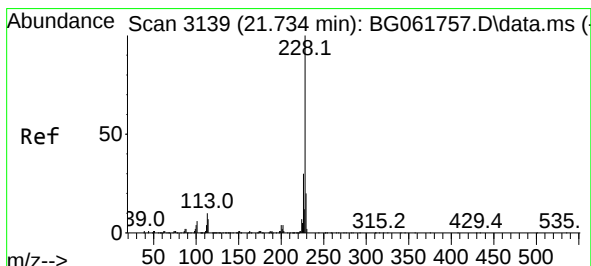
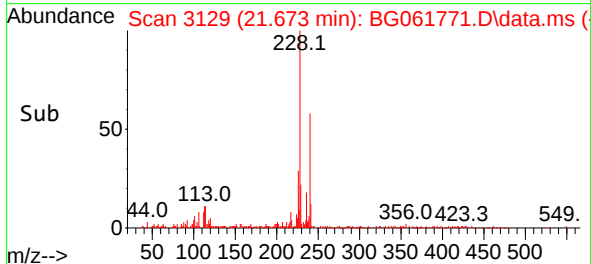
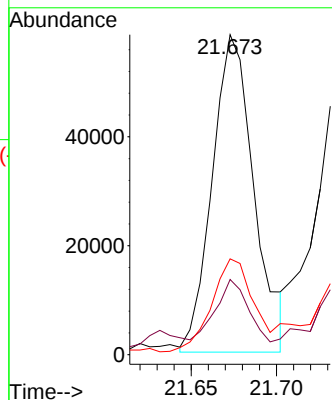
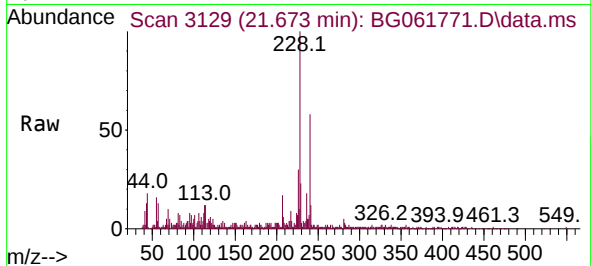
#85
Benzo(a)anthracene
Concen: 4.150 ng/ul
RT: 21.673 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BG061771.D
Acq: 28 Jun 2024 14:10

Instrument :
BNA_G
ClientSampleId :
A4CQ3

Tgt Ion:228 Resp: 99158
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.8
226 29.9 21.4 32.2

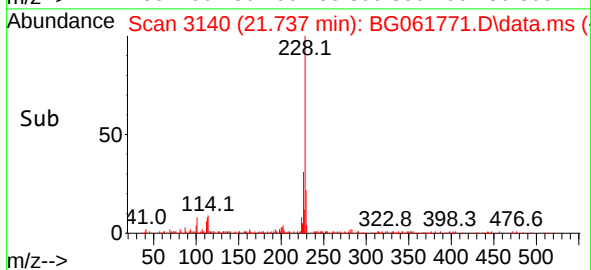
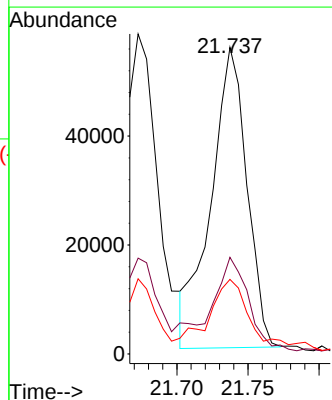
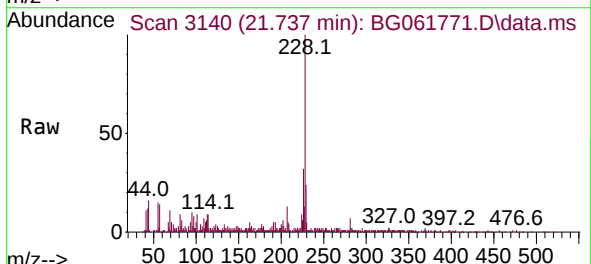
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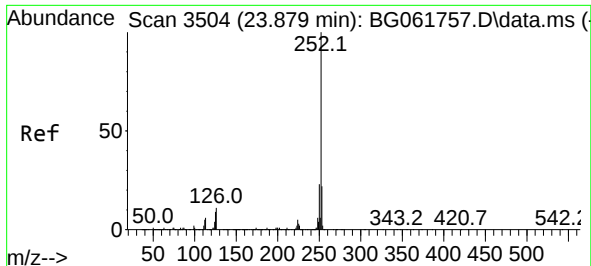
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#87
Chrysene
Concen: 4.301 ng/ul
RT: 21.737 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BG061771.D
Acq: 28 Jun 2024 14:10

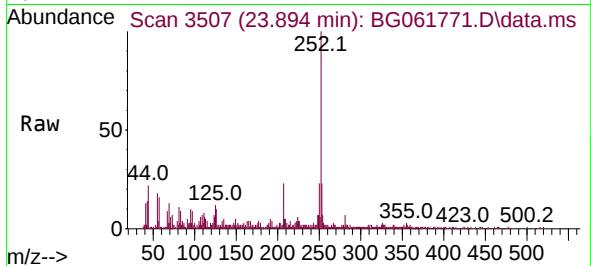
Tgt Ion:228 Resp: 97256
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.2
229 24.3 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 5.371 ng/ul
RT: 23.894 min Scan# 3507
Delta R.T. 0.006 min
Lab File: BG061771.D
Acq: 28 Jun 2024 14:10

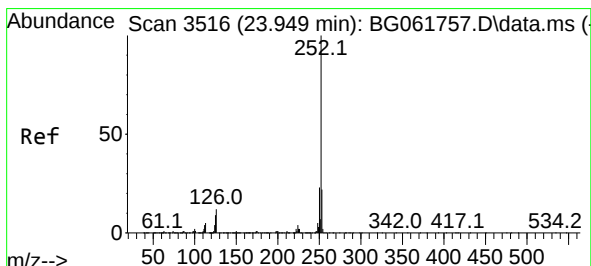
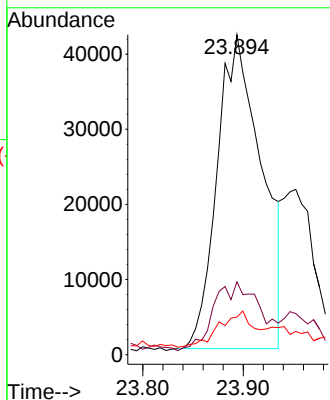
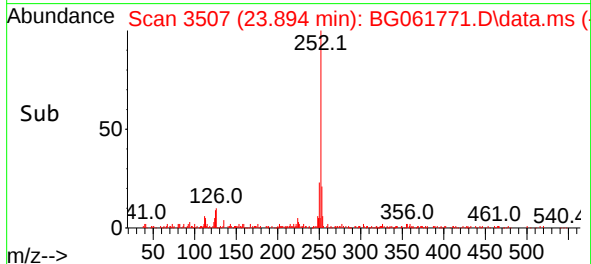
Instrument :
BNA_G
ClientSampleId :
A4CQ3



Tgt Ion:252 Resp: 128614
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 11.8 7.0 10.6

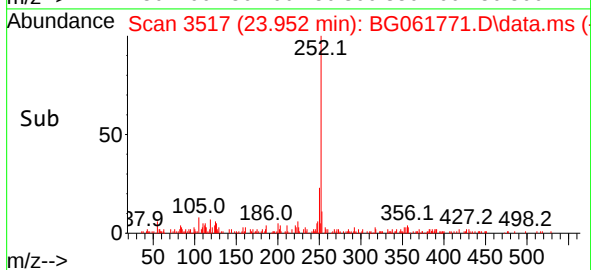
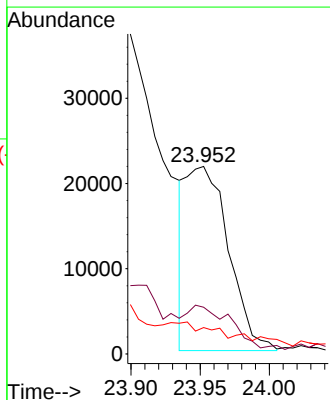
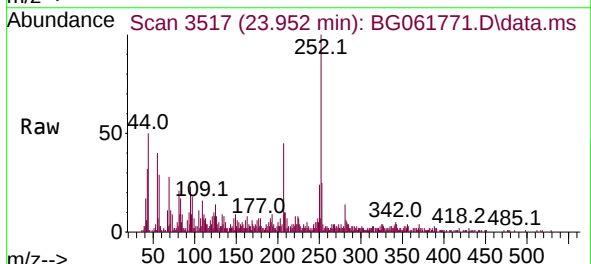
Manual Integrations
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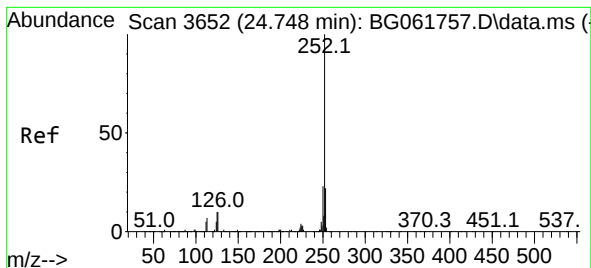
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024



#91
Benzo(k)fluoranthene
Concen: 1.879 ng/ul m
RT: 23.952 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BG061771.D
Acq: 28 Jun 2024 14:10

Tgt Ion:252 Resp: 46266
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.6
125 14.1 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 4.209 ng/ul

RT: 24.757 min Scan# 30

Delta R.T. -0.006 min

Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

Instrument :

BNA_G

ClientSampleId :

A4CQ3

Tgt Ion:252 Resp: 9704

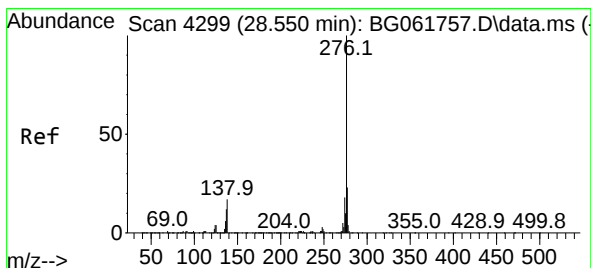
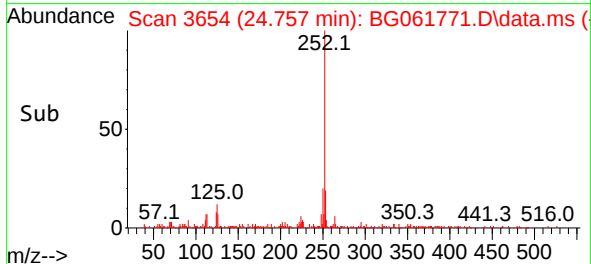
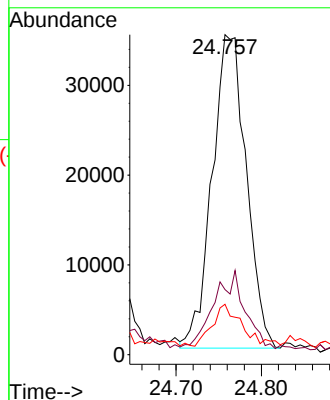
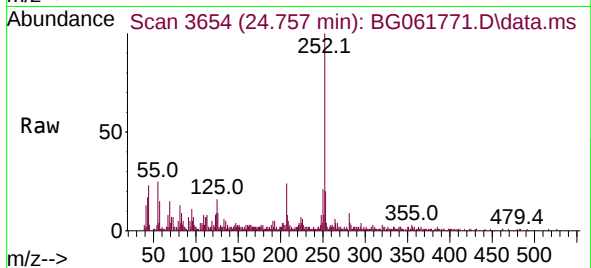
Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.8	25.2
125	15.7	6.5	9.7

Manual Integrations

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Supervised By :mohammad ahmed 06/29/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.530 ng/ul m

RT: 28.571 min Scan# 4303

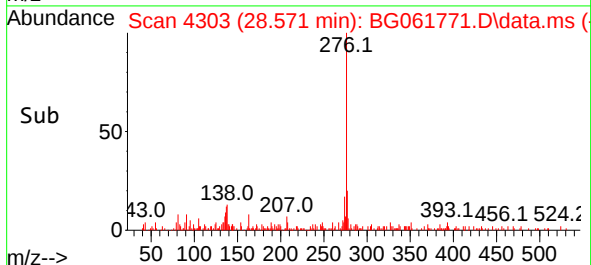
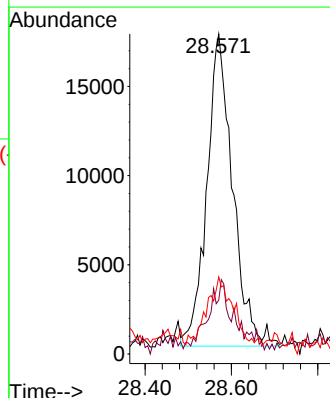
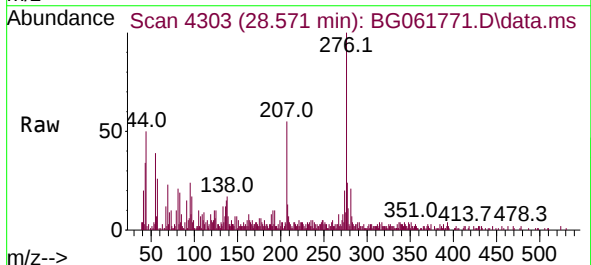
Delta R.T. 0.006 min

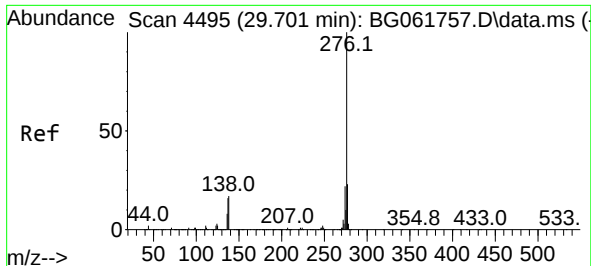
Lab File: BG061771.D

Acq: 28 Jun 2024 14:10

Tgt Ion:276 Resp: 72674

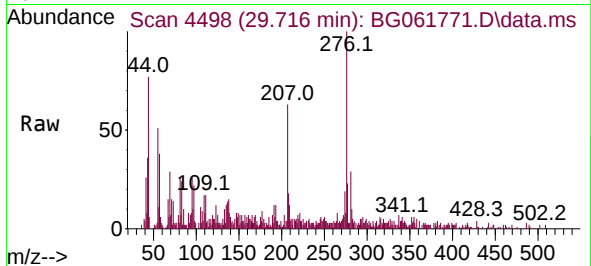
Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.2	18.4
277	24.1	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 2.878 ng/ul m
RT: 29.716 min Scan# 44
Delta R.T. 0.006 min
Lab File: BG061771.D
Acq: 28 Jun 2024 14:10

Instrument :
BNA_G
ClientSampleId :
A4CQ3



Tgt Ion:276 Resp: 66650
Ion Ratio Lower Upper
276 100
138 14.7 12.2 18.4
277 23.1 18.6 27.8

Manual Integrations
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Supervised By :mohammad ahmed 06/29/2024

