

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
 Data File : BG061646.D
 Acq On : 22 Jun 2024 13:00
 Operator : MA/JU
 Sample : P2775-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C96

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 23 02:11:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	46493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	237033	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.701	164	170435	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	382844	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	333260	20.000	ng/u1	0.00
88) Perylene-d12	24.936	264	400007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	8091	6.287	ng/uL	0.00
4) Pyridine-d5	3.884	84	126461	32.499	ng/u1	0.00
7) Phenol-d5	7.215	99	176531	34.976	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	101249	32.180	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	122972	35.504	ng/u1	0.00
15) 4-Methylphenol-d8	8.767	113	140992	36.135	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	62108	38.590	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	70731	43.392	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	137819	35.707	ng/u1	0.00
31) 4-Chloroaniline-d4	11.017	131	173006	29.606	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	440835	33.611	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	513981	35.759	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	74774	33.196	ng/u1	0.00
60) Fluorene-d10	15.694	176	396957	34.572	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.794	200	47615	29.086	ng/u1	0.00
73) Anthracene-d10	17.544	188	623426	35.675	ng/u1	0.00
81) Pyrene-d10	19.824	212	676218	36.326	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.713	264	699110	36.593	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.486	178	63350	3.145	ng/u1	98
80) Fluoranthene	19.489	202	124371	5.758	ng/u1	97
82) Pyrene	19.848	202	107748	4.692	ng/u1	97
85) Benzo(a)anthracene	21.687	228	53180	2.273	ng/u1	98
87) Chrysene	21.751	228	56791m	2.566	ng/u1	
90) Benzo(b)fluoranthene	23.902	252	77278	3.214	ng/u1	97
91) Benzo(k)fluoranthene	23.978	252	29899m	1.209	ng/u1	
93) Benzo(a)pyrene	24.783	252	51965	2.245	ng/u1#	88
94) Indeno(1,2,3-cd)pyrene	28.590	276	43789m	1.518	ng/u1	
96) Benzo(g,h,i)perylene	29.754	276	40338m	1.735	ng/u1	

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

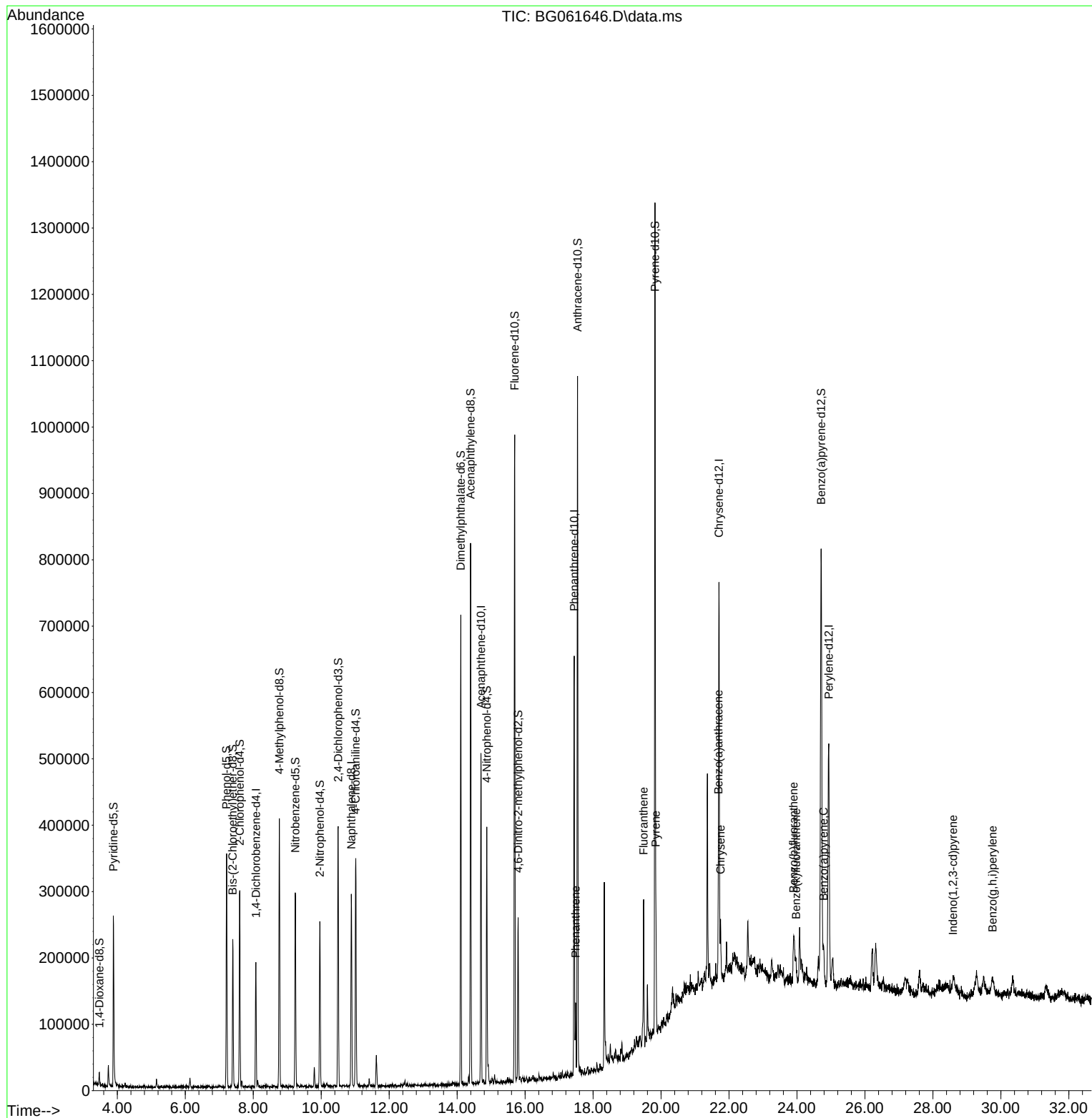
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062224\
Data File : BG061646.D
Acq On : 22 Jun 2024 13:00
Operator : MA/JU
Sample : P2775-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

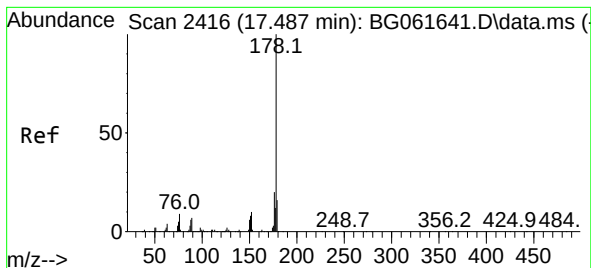
Instrument :
BNA_G
ClientSampleId :
A4C96

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Quant Time: Jun 23 02:11:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.145 ng/ul

RT: 17.486 min Scan# 2416

Delta R.T. -0.003 min

Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

Instrument :

BNA_G

ClientSampleId :

A4C96

Tgt Ion:178 Resp: 63350

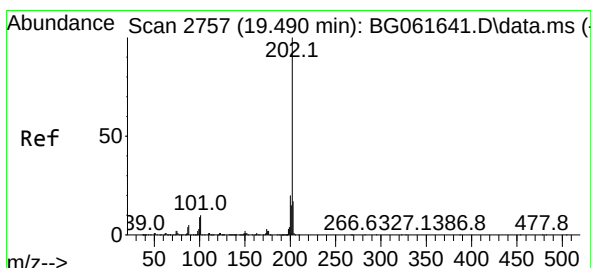
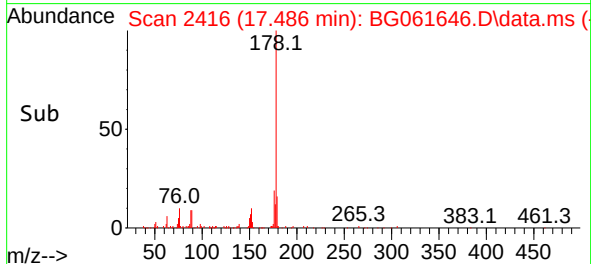
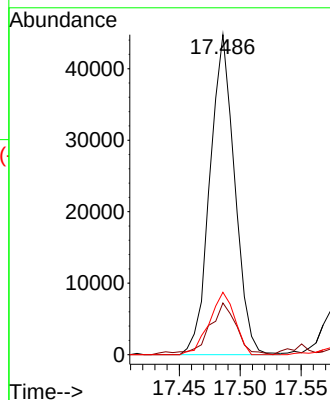
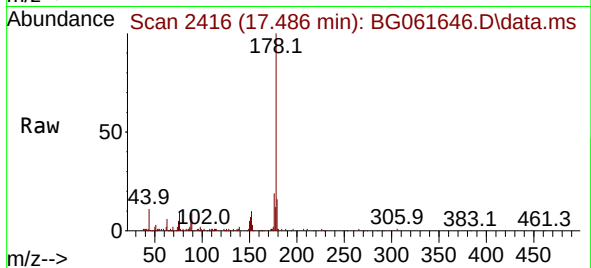
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	19.5	16.2	24.2

Manual Integrations

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#80

Fluoranthene

Concen: 5.758 ng/ul

RT: 19.489 min Scan# 2757

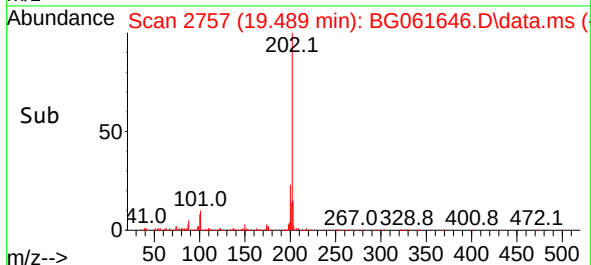
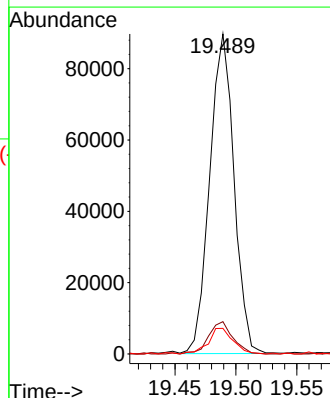
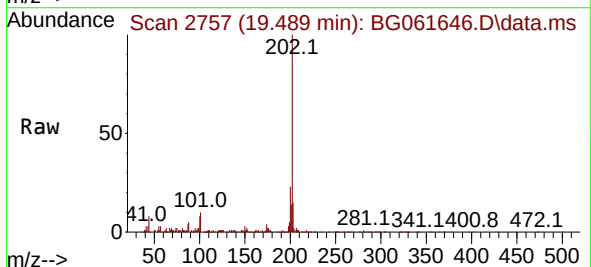
Delta R.T. -0.003 min

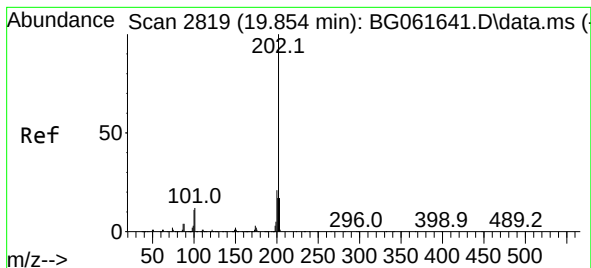
Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

Tgt Ion:202 Resp: 124371

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.6
100	8.0	7.7	11.5





#82

Pyrene

Concen: 4.692 ng/ul

RT: 19.848 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

Instrument :

BNA_G

ClientSampleId :

A4C96

Tgt Ion:202 Resp: 10774

Ion Ratio Lower Upper

202 100

101 11.8 10.1 15.1

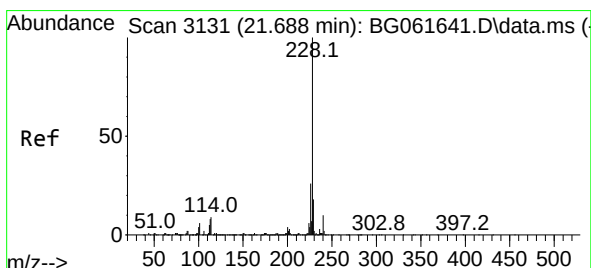
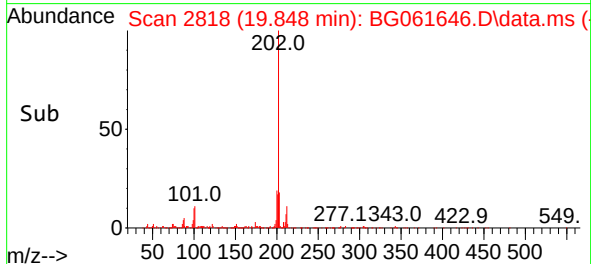
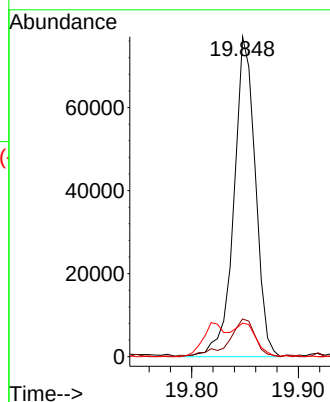
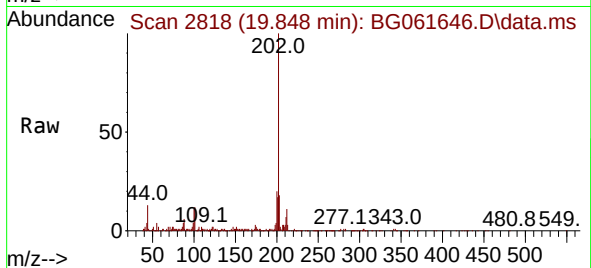
100 10.5 9.9 14.9

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 2.273 ng/ul

RT: 21.687 min Scan# 3131

Delta R.T. -0.003 min

Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

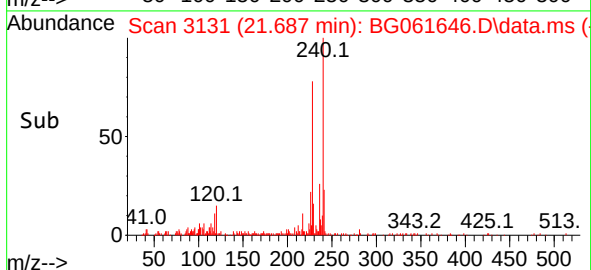
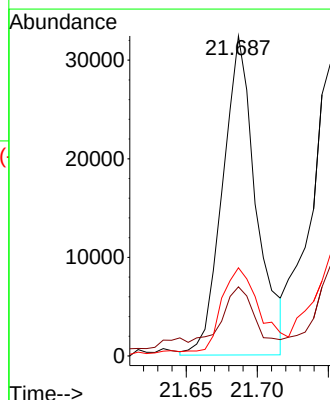
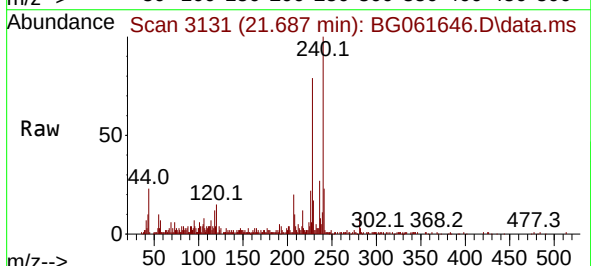
Tgt Ion:228 Resp: 53180

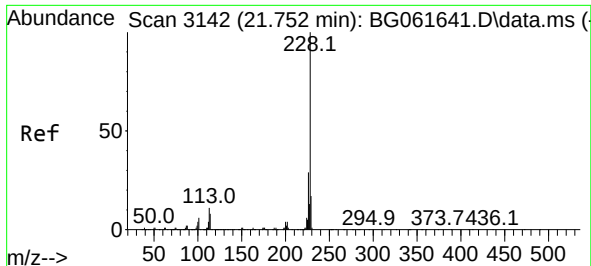
Ion Ratio Lower Upper

228 100

229 21.6 15.8 23.8

226 27.5 21.4 32.2





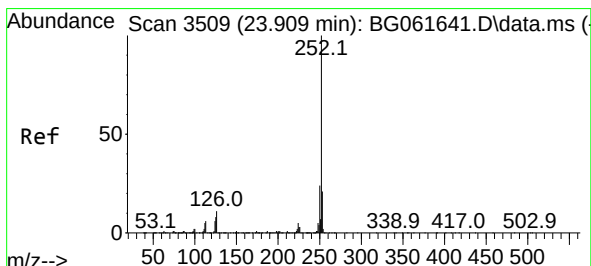
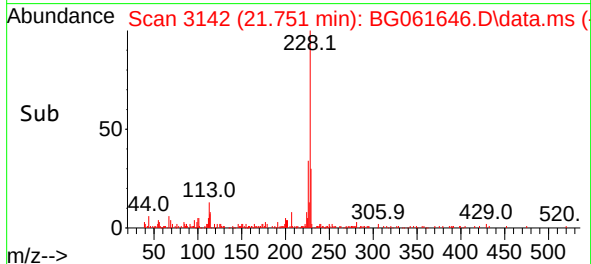
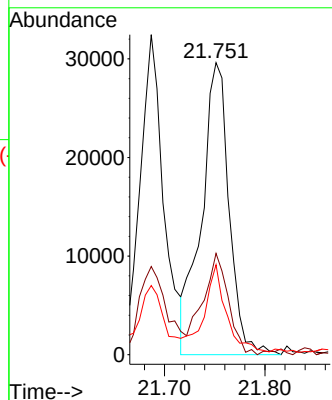
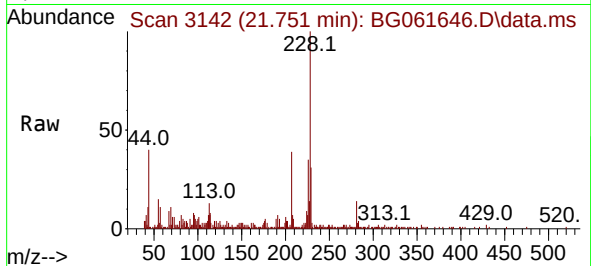
#87
Chrysene
Concen: 2.566 ng/ul m
RT: 21.751 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG061646.D
Acq: 22 Jun 2024 13:00

Instrument :
BNA_G
ClientSampleId :
A4C96

Tgt Ion:228 Resp: 5679
Ion Ratio Lower Upper
228 100
226 34.7 24.2 36.2
229 30.8 16.5 24.7

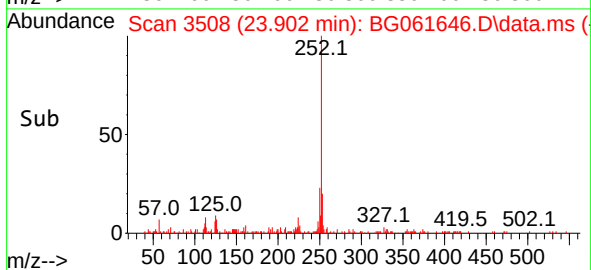
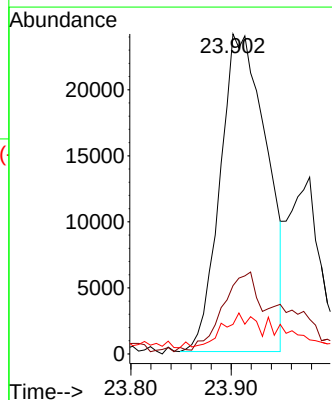
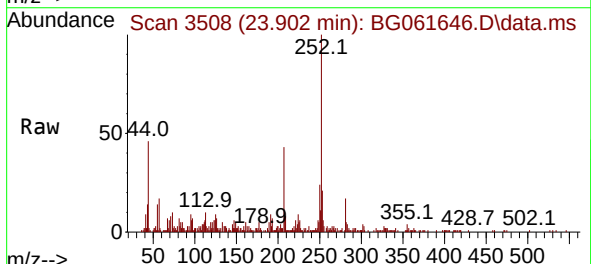
Manual Integrations
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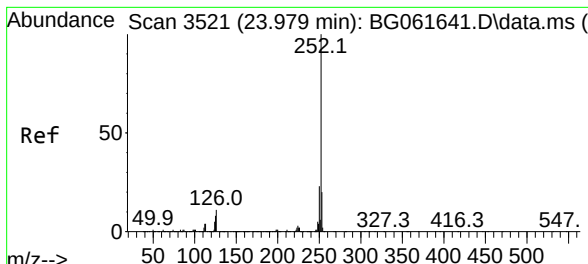
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#90
Benzo(b)fluoranthene
Concen: 3.214 ng/ul
RT: 23.902 min Scan# 3508
Delta R.T. -0.015 min
Lab File: BG061646.D
Acq: 22 Jun 2024 13:00

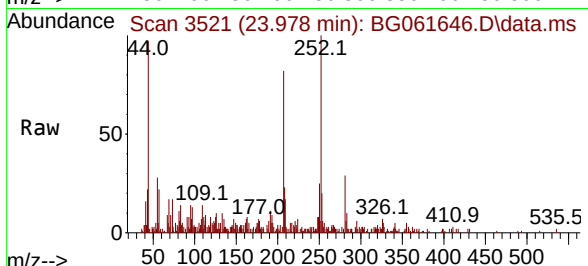
Tgt Ion:252 Resp: 77278
Ion Ratio Lower Upper
252 100
253 21.4 18.6 27.8
125 9.3 7.0 10.6





#91
Benzo(k)fluoranthene
Concen: 1.209 ng/ul m
RT: 23.978 min Scan# 3521
Delta R.T. -0.003 min
Lab File: BG061646.D
Acq: 22 Jun 2024 13:00

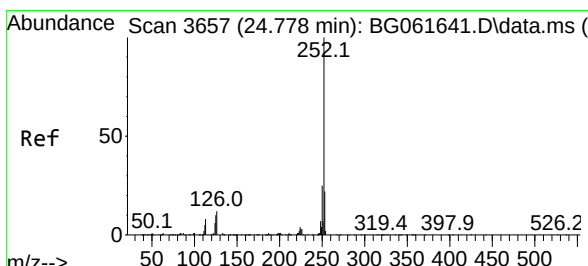
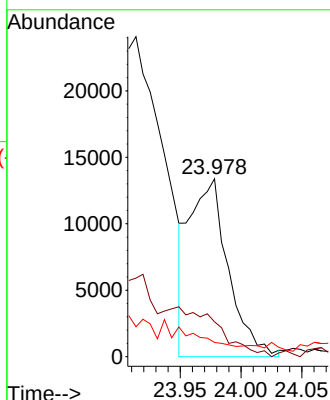
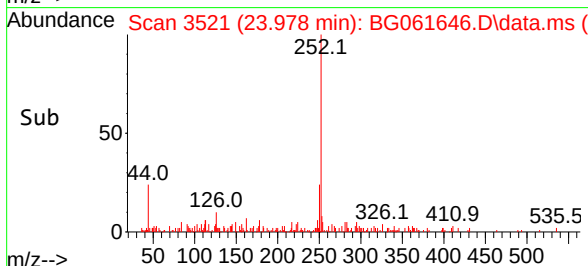
Instrument : BNA_G
ClientSampleId : A4C96



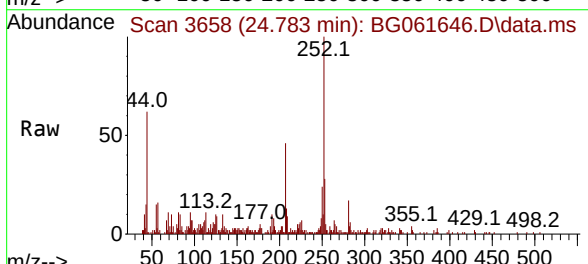
Tgt Ion:252 Resp: 29899
Ion Ratio Lower Upper
252 100
253 19.7 17.8 26.6
125 8.0 6.2 9.2

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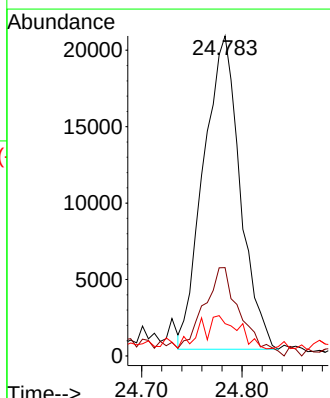
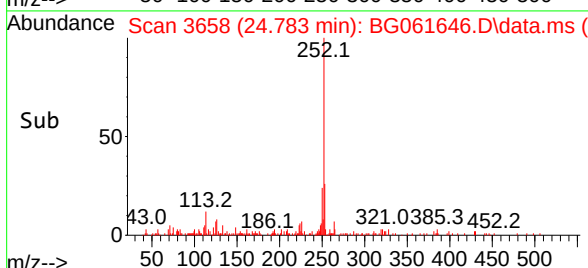
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

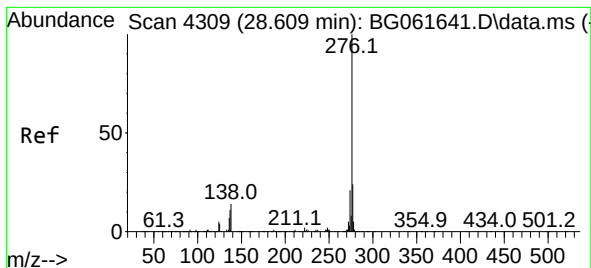


#93
Benzo(a)pyrene
Concen: 2.245 ng/ul
RT: 24.783 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BG061646.D
Acq: 22 Jun 2024 13:00



Tgt Ion:252 Resp: 51965
Ion Ratio Lower Upper
252 100
253 27.6 16.8 25.2#
125 10.1 6.5 9.7#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.518 ng/ul m

RT: 28.590 min Scan# 4309

Delta R.T. -0.027 min

Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

Instrument :

BNA_G

ClientSampleId :

A4C96

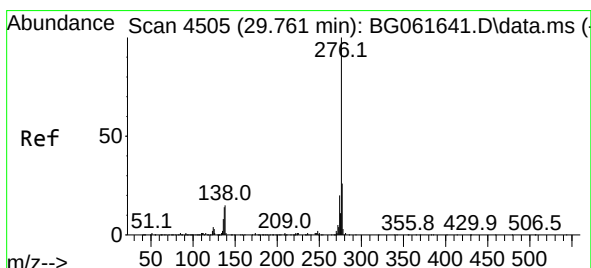
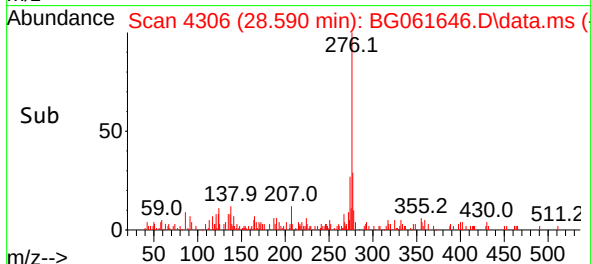
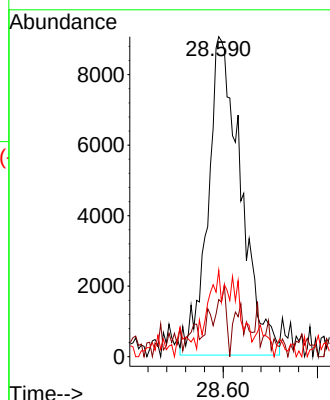
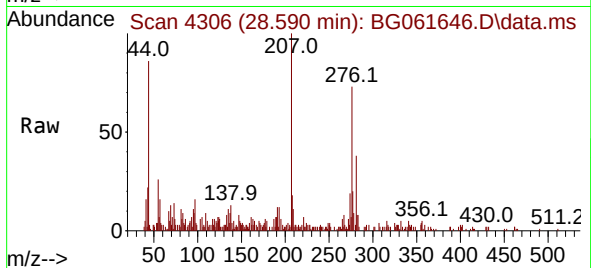
Tgt Ion:	276	Resp:	43789
Ion Ratio	Lower	Upper	
276	100		
138	17.8	12.2	18.4
277	27.0	19.7	29.5

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#96

Benzo(g,h,i)perylene

Concen: 1.735 ng/ul m

RT: 29.754 min Scan# 4504

Delta R.T. -0.003 min

Lab File: BG061646.D

Acq: 22 Jun 2024 13:00

Tgt Ion:	276	Resp:	40338
Ion Ratio	Lower	Upper	
276	100		
138	20.7	12.2	18.4#
277	13.2	18.6	27.8#

