

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
 Data File : BG061631.D
 Acq On : 21 Jun 2024 22:20
 Operator : MA/JU
 Sample : P2754-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ1

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 23:03:53 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	8.072	152	47832	20.000	ng/u1	0.00
20) Naphthalene-d8	10.887	136	241065	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.700	164	179569	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	417106	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	359173	20.000	ng/u1	0.00
88) Perylene-d12	24.929	264	426628	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.466	96	6947	5.247	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.215	99	161823	31.164	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	107777	33.296	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	121780	34.176	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	110205	27.454	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	57596	35.188	ng/u1	0.00
24) 2-Nitrophenol-d4	9.964	143	67713	40.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	131110	33.400	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	58736	9.883	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	447183	32.361	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	520154	34.347	ng/u1	0.00
54) 4-Nitrophenol-d4	14.870	143	49538	20.874	ng/u1	0.00
60) Fluorene-d10	15.693	176	414933	34.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	44059	24.703	ng/u1	0.00
73) Anthracene-d10	17.544	188	630968	33.140	ng/u1	0.00
81) Pyrene-d10	19.823	212	640538	31.927	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	467317	22.934	ng/u1	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.901	105	12549	1.899	ng/u1	91
72) Phenanthrene	17.485	178	45536	2.075	ng/u1#	91
80) Fluoranthene	19.489	202	131465	5.647	ng/u1	99
82) Pyrene	19.847	202	92202	3.725	ng/u1	98
85) Benzo(a)anthracene	21.686	228	53115	2.107	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.610	149	19445	1.468	ng/u1	97
87) Chrysene	21.745	228	70637	2.961	ng/u1	94
90) Benzo(b)fluoranthene	23.901	252	109540m	4.271	ng/u1	
91) Benzo(k)fluoranthene	23.971	252	32677	1.239	ng/u1#	92
93) Benzo(a)pyrene	24.776	252	34170	1.384	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	28.596	276	41988m	1.365	ng/u1	

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

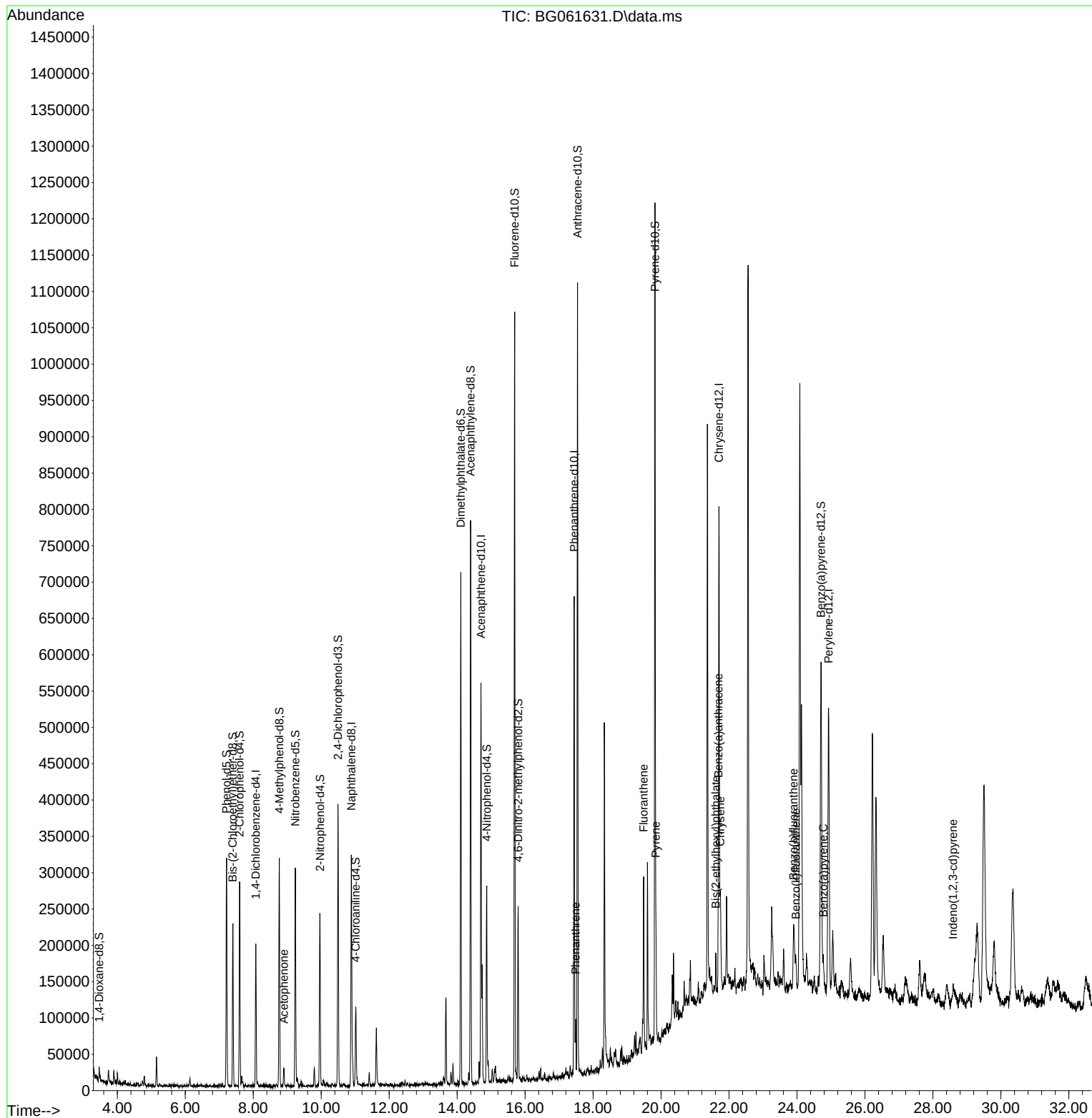
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062124\
Data File : BG061631.D
Acq On : 21 Jun 2024 22:20
Operator : MA/JU
Sample : P2754-17
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ALS Vial : 10 Sample Multiplier: 1

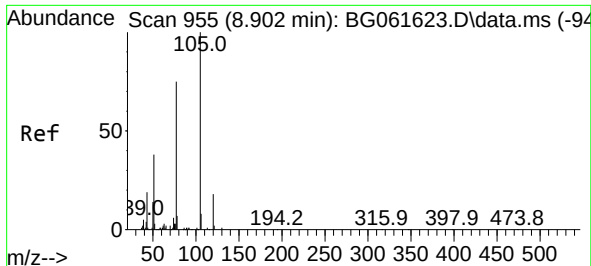
Instrument :
BNA_G
ClientSampleId :
A4BQ1

Manual Integrations
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Supervised By :mohammad ahmed 06/24/2024

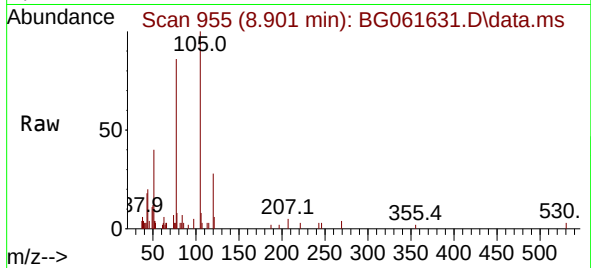
Quant Time: Jun 21 23:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
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#16
Acetophenone
Concen: 1.899 ng/ul
RT: 8.901 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

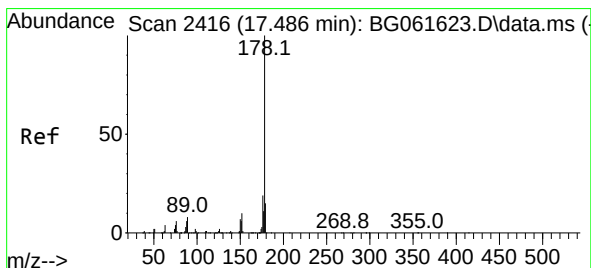
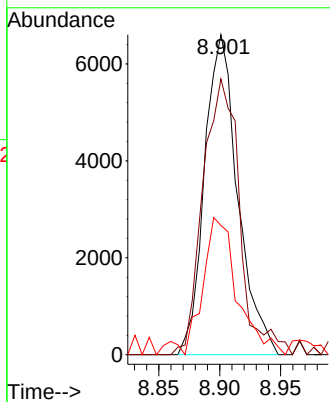
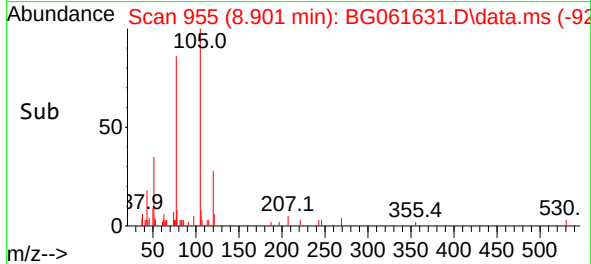
Instrument :
BNA_G
ClientSampleId :
A4BQ1



Tgt Ion:105 Resp: 12549
Ion Ratio Lower Upper
105 100
77 86.1 60.4 90.6
51 40.4 31.1 46.7

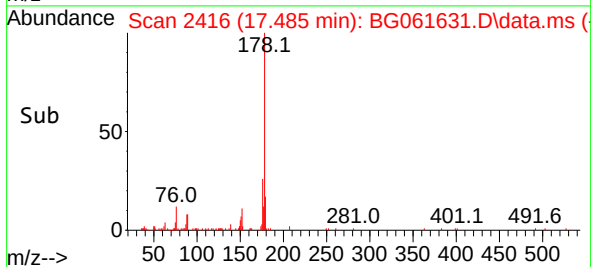
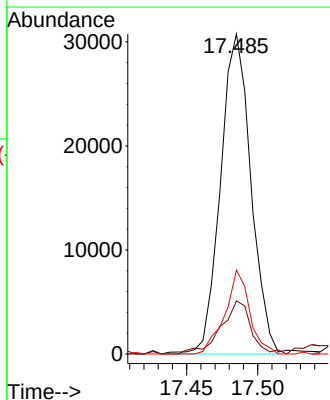
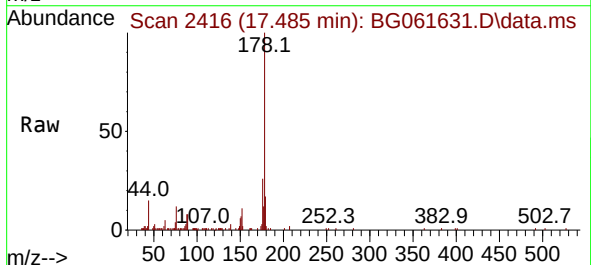
Manual Integrations
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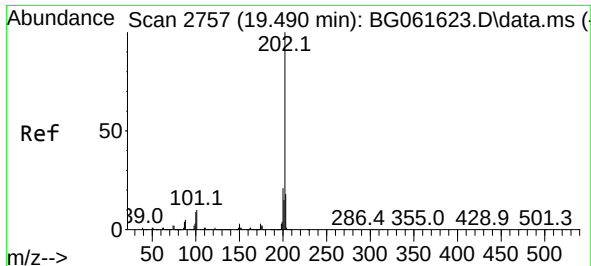
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#72
Phenanthrene
Concen: 2.075 ng/ul
RT: 17.485 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

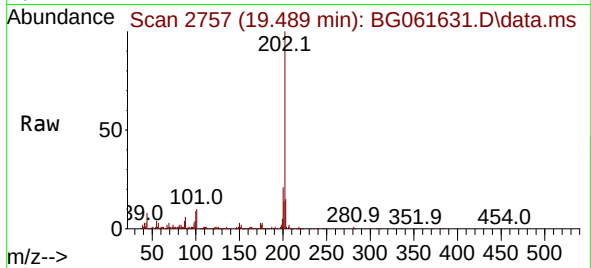
Tgt Ion:178 Resp: 45536
Ion Ratio Lower Upper
178 100
179 16.6 12.0 18.0
176 26.2 16.2 24.2





#80
Fluoranthene
Concen: 5.647 ng/u1
RT: 19.489 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

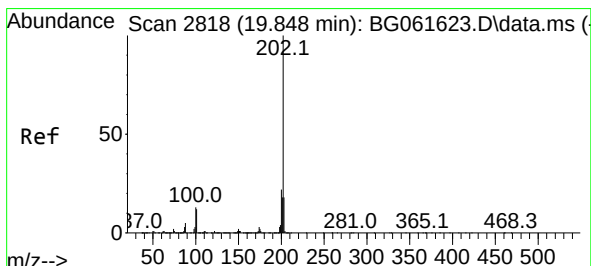
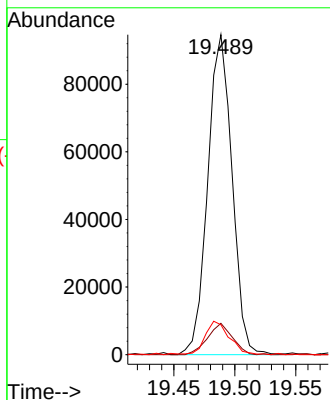
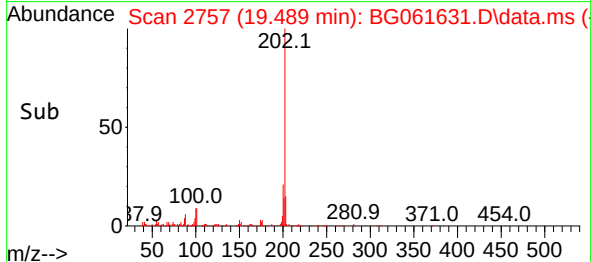
Instrument :
BNA_G
ClientSampleId :
A4BQ1



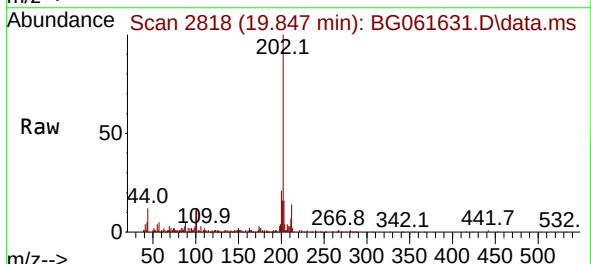
Tgt Ion:202 Resp: 13146
Ion Ratio Lower Upper
202 100
101 9.8 7.8 11.6
100 9.3 7.7 11.5

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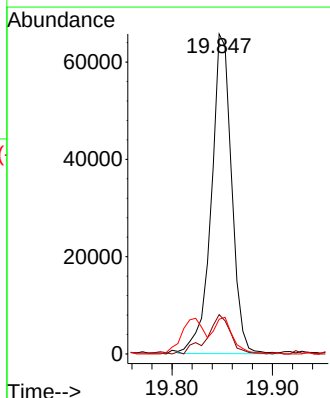
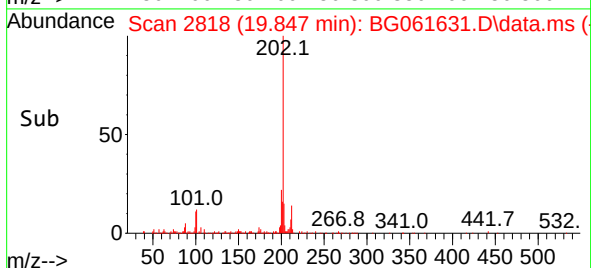
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024

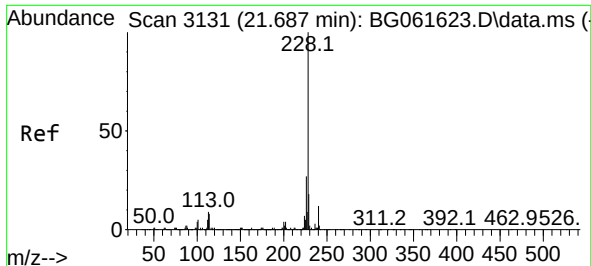


#82
Pyrene
Concen: 3.725 ng/u1
RT: 19.847 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20



Tgt Ion:202 Resp: 92202
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 10.9 9.9 14.9





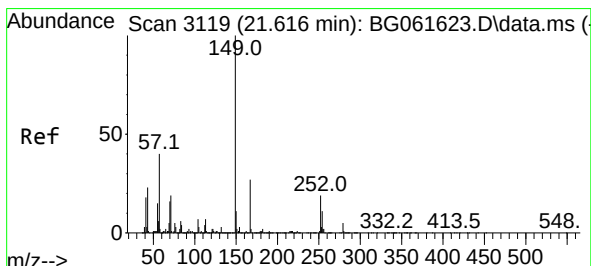
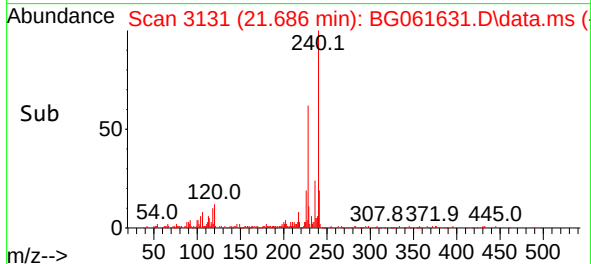
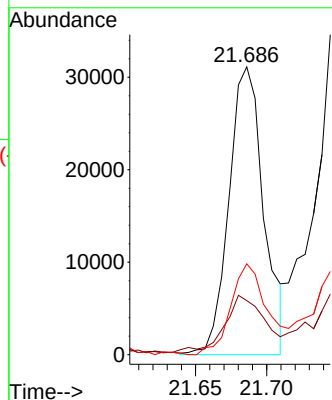
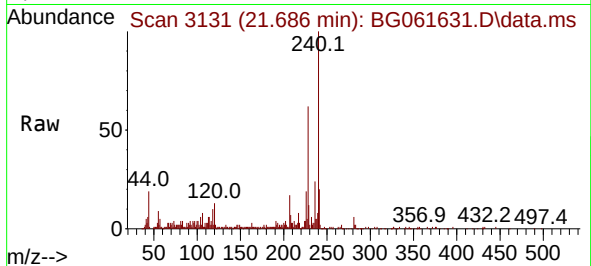
#85
Benzo(a)anthracene
Concen: 2.107 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.004 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

Instrument :
BNA_G
ClientSampleId :
A4BQ1

Tgt Ion:228 Resp: 5311
Ion Ratio Lower Upper
228 100
229 18.8 15.8 23.8
226 31.6 21.4 32.2

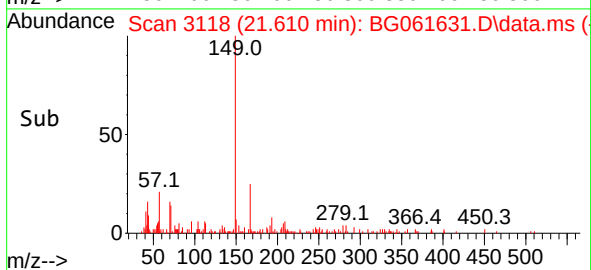
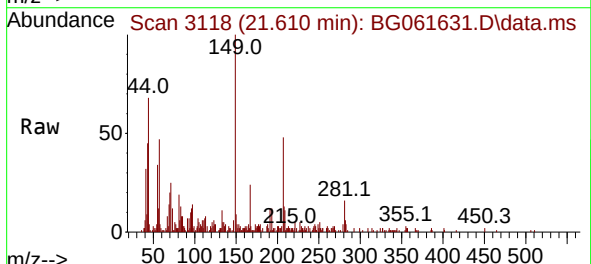
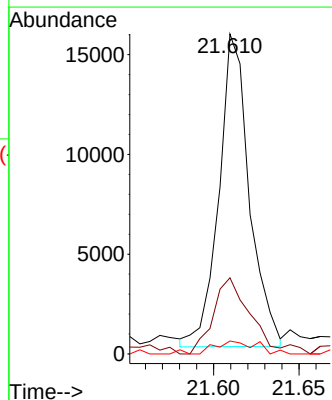
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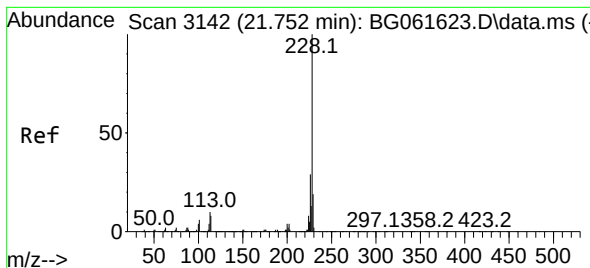
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.468 ng/ul
RT: 21.610 min Scan# 3118
Delta R.T. -0.016 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

Tgt Ion:149 Resp: 19445
Ion Ratio Lower Upper
149 100
167 23.8 20.5 30.7
279 4.1 2.9 4.3





#87

Chrysene

Concen: 2.961 ng/ul

RT: 21.745 min Scan# 3141

Delta R.T. -0.016 min

Lab File: BG061631.D

Acq: 21 Jun 2024 22:20

Instrument :

BNA_G

ClientSampleId :

A4BQ1

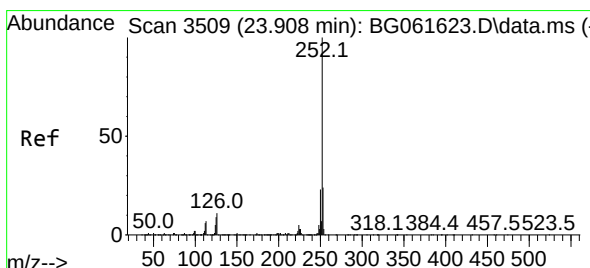
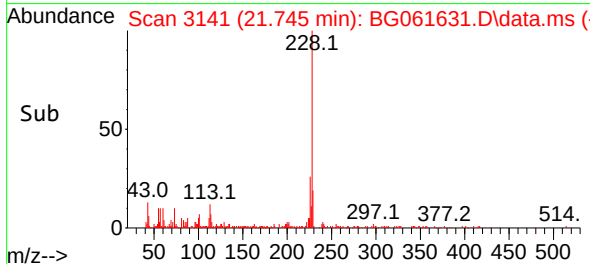
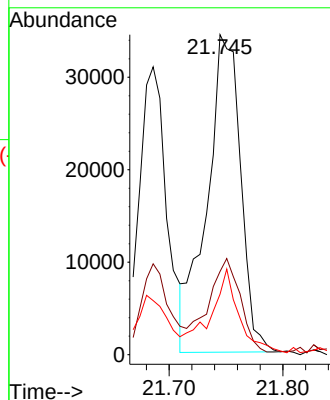
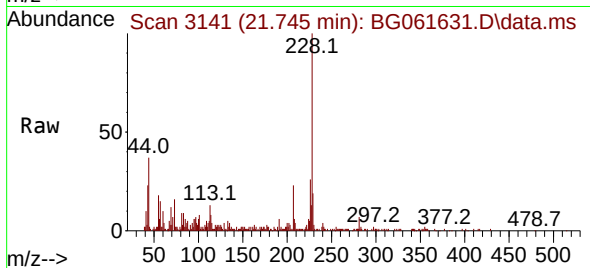
Tgt Ion:	228	Resp:	7063
Ion Ratio	Lower	Upper	
228	100		
226	26.0	24.2	36.2
229	18.9	16.5	24.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#90

Benzo(b)fluoranthene

Concen: 4.271 ng/ul m

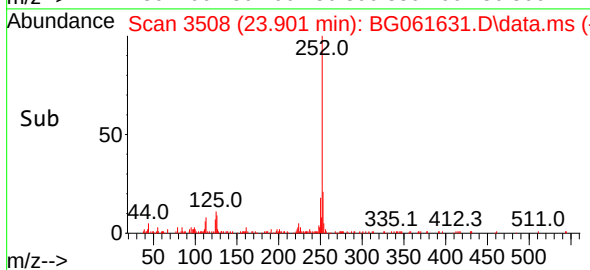
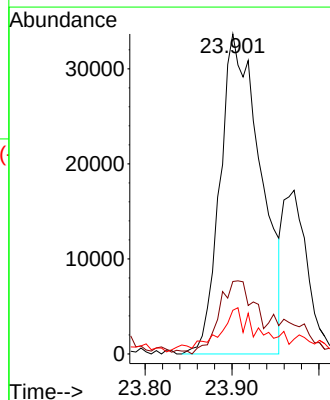
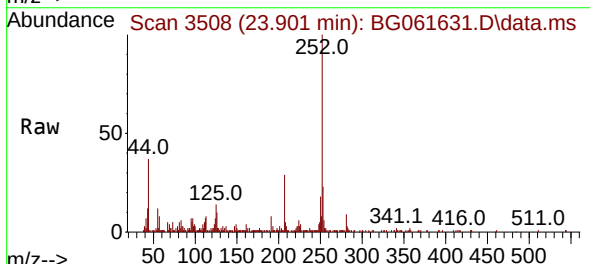
RT: 23.901 min Scan# 3508

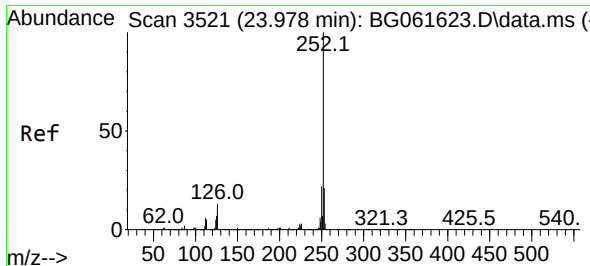
Delta R.T. -0.016 min

Lab File: BG061631.D

Acq: 21 Jun 2024 22:20

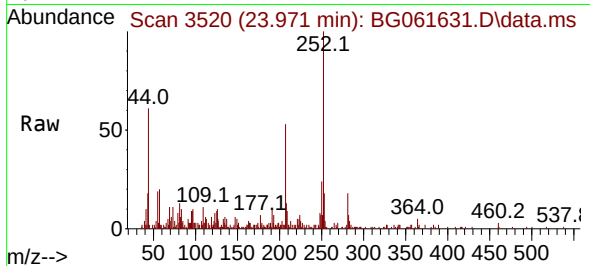
Tgt Ion:	252	Resp:	109540
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.6	27.8
125	13.7	7.0	10.6





#91
Benzo(k)fluoranthene
Concen: 1.239 ng/u1
RT: 23.971 min Scan# 3521
Delta R.T. -0.010 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

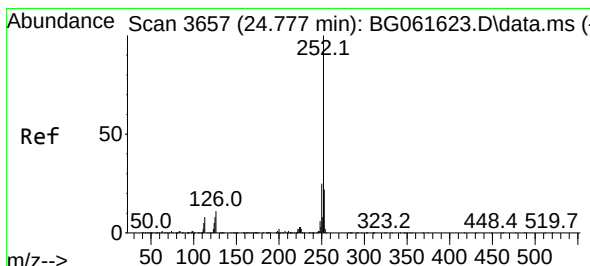
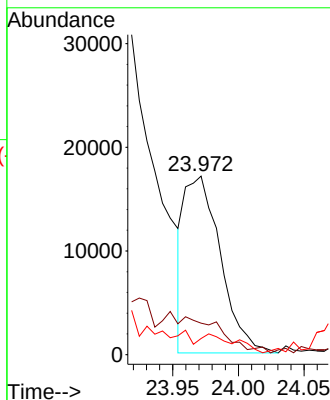
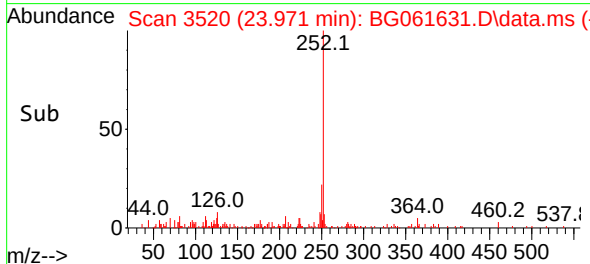
Instrument :
BNA_G
ClientSampleId :
A4BQ1



Tgt Ion:252 Resp: 3267
Ion Ratio Lower Upper
252 100
253 17.7 17.8 26.6
125 9.1 6.2 9.2

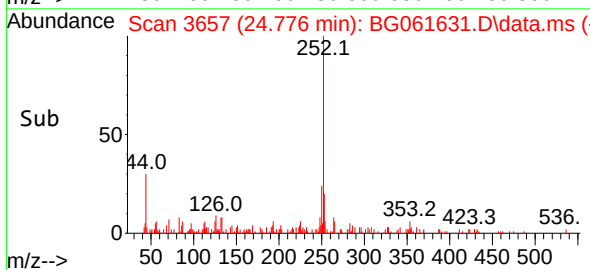
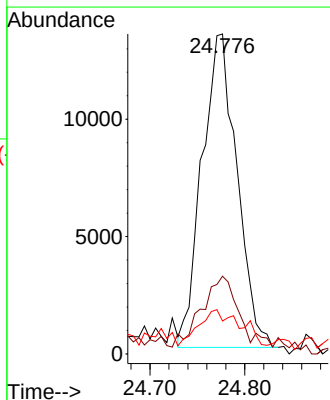
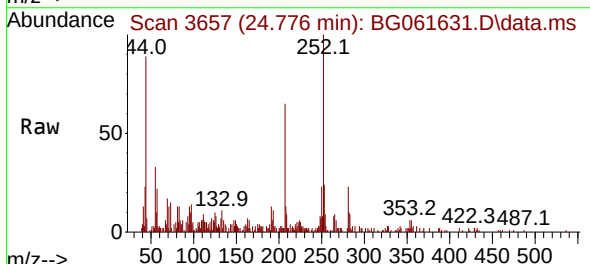
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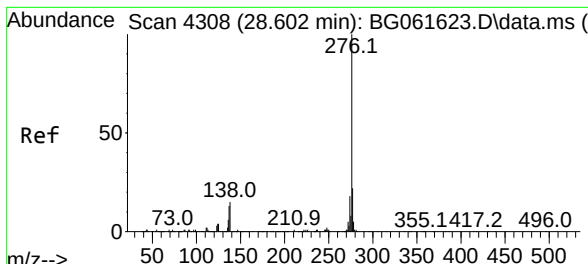
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



#93
Benzo(a)pyrene
Concen: 1.384 ng/u1
RT: 24.776 min Scan# 3657
Delta R.T. -0.016 min
Lab File: BG061631.D
Acq: 21 Jun 2024 22:20

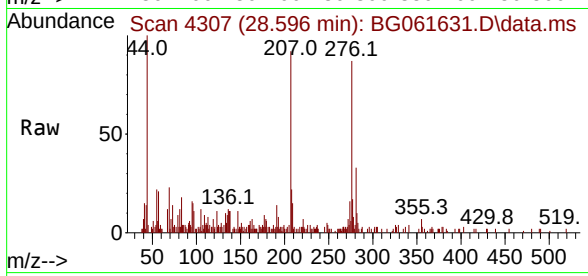
Tgt Ion:252 Resp: 34170
Ion Ratio Lower Upper
252 100
253 24.3 16.8 25.2
125 10.3 6.5 9.7#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.365 ng/ul m
 RT: 28.596 min Scan# 4
 Delta R.T. -0.021 min
 Lab File: BG061631.D
 Acq: 21 Jun 2024 22:20

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ1



Tgt Ion: 276 Resp: 4198

Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.2	18.4
277	19.6	19.7	29.5

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