

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061701.D
 Acq On : 25 Jun 2024 13:49
 Operator : MA/JU
 Sample : P2844-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C61

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 15:15:25 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	8.071	152	53060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.879	136	268705	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.698	164	202780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.442	188	465255	20.000	ng/u1	0.00
79) Chrysene-d12	21.708	240	393158	20.000	ng/u1	0.00
88) Perylene-d12	24.933	264	461015	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	7857	5.349	ng/uL	0.00
4) Pyridine-d5	3.893	84	12815	2.886	ng/u1	0.00
7) Phenol-d5	7.213	99	172377	29.926	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.395	67	102040	28.417	ng/u1	0.00
11) 2-Chlorophenol-d4	7.601	132	117414	29.704	ng/u1	0.00
15) 4-Methylphenol-d8	8.764	113	129540	29.091	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	59603	32.668	ng/u1	0.00
24) 2-Nitrophenol-d4	9.957	143	70183	37.981	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.491	165	137972	31.533	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	21899m	3.306	ng/u1	0.00
46) Dimethylphthalate-d6	14.105	166	457286	29.304	ng/u1	0.00
49) Acenaphthylene-d8	14.393	160	531421	31.075	ng/u1	0.00
54) 4-Nitrophenol-d4	14.874	143	78972	29.467	ng/u1	0.00
60) Fluorene-d10	15.691	176	424175	31.050	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	63607	31.972	ng/u1	0.00
73) Anthracene-d10	17.542	188	660216	31.088	ng/u1	0.00
81) Pyrene-d10	19.822	212	666390	30.344	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	508528	23.095	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.899	105	14039	1.915	ng/u1#	82
72) Phenanthrene	17.483	178	149392	6.103	ng/u1	99
74) Anthracene	17.571	178	27381m	1.094	ng/u1	
80) Fluoranthene	19.487	202	278630	10.935	ng/u1	98
82) Pyrene	19.851	202	217310	8.021	ng/u1	98
85) Benzo(a)anthracene	21.690	228	130511	4.729	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.602	149	27654m	1.907	ng/u1	
87) Chrysene	21.749	228	140720	5.389	ng/u1	98
90) Benzo(b)fluoranthene	23.911	252	200052	7.219	ng/u1#	96
91) Benzo(k)fluoranthene	23.981	252	76094m	2.670	ng/u1	
93) Benzo(a)pyrene	24.780	252	79856	2.993	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	28.611	276	76998m	2.316	ng/u1	

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

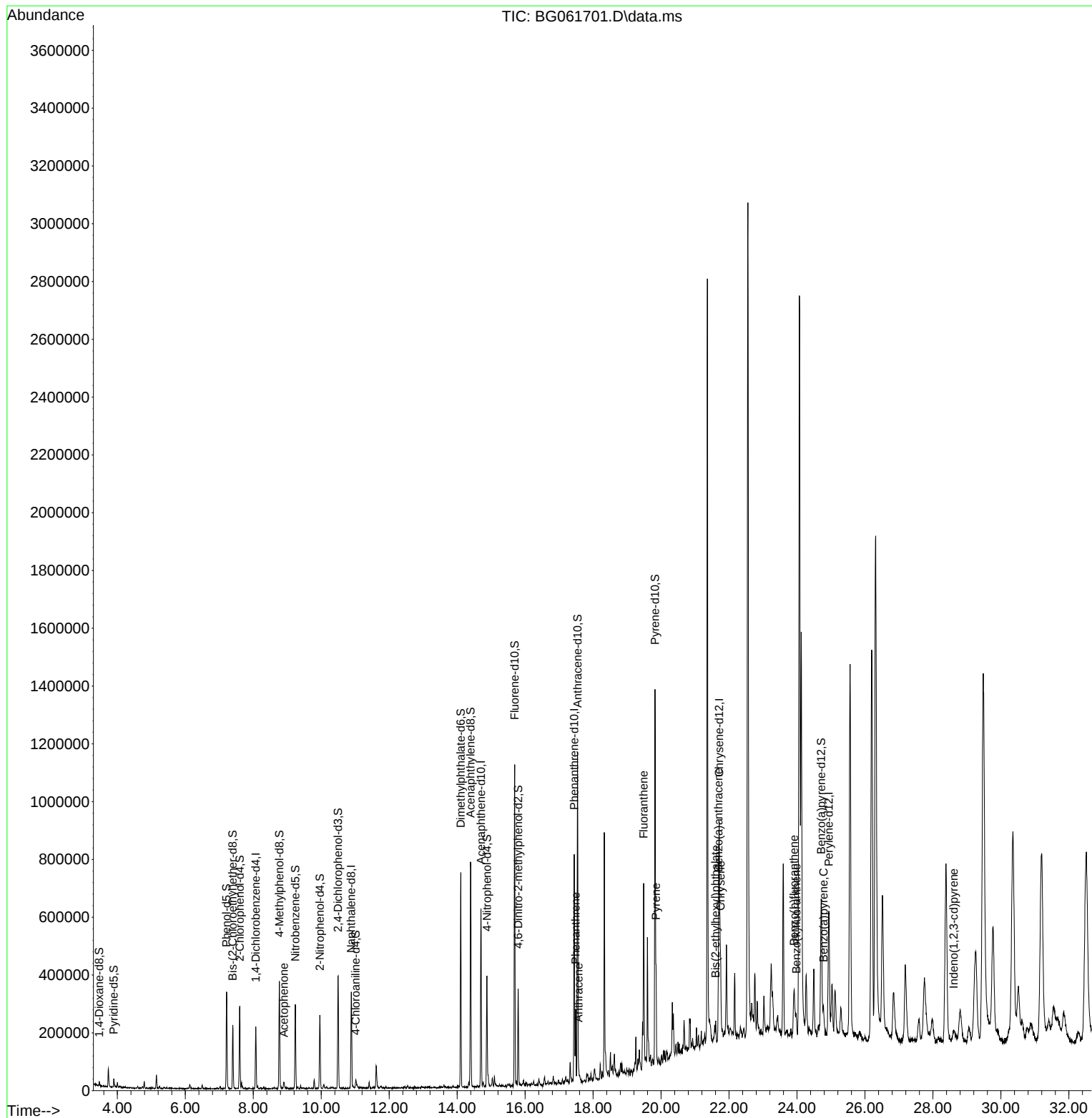
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061701.D
Acq On : 25 Jun 2024 13:49
Operator : MA/JU
Sample : P2844-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

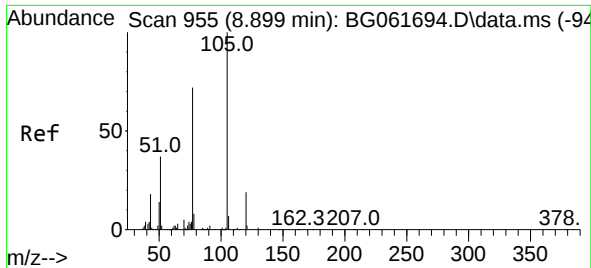
Instrument :
BNA_G
ClientSampleId :
A4C61

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Supervised By :mohammad ahmed 06/27/2024

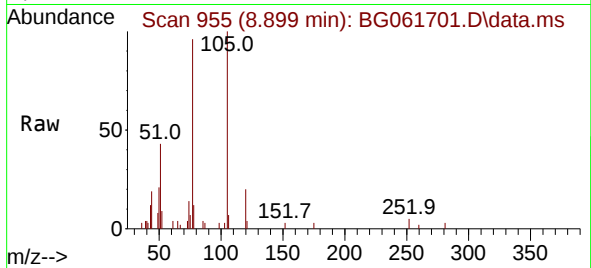
Quant Time: Jun 25 15:15:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 05:03:55 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.915 ng/ul
RT: 8.899 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG061701.D
Acq: 25 Jun 2024 13:49

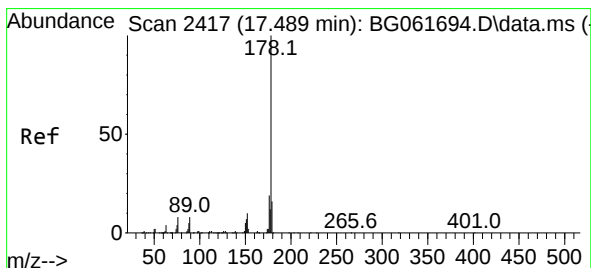
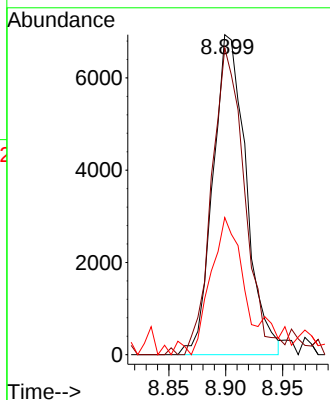
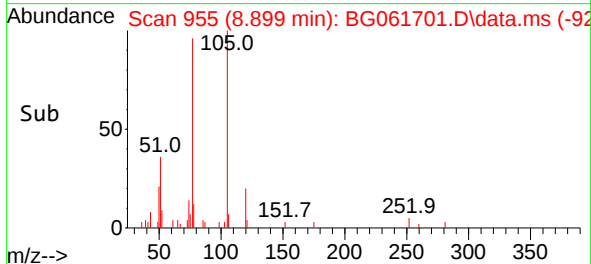
Instrument :
BNA_G
ClientSampleId :
A4C61



Tgt Ion:105 Resp: 14039
Ion Ratio Lower Upper
105 100
77 95.9 60.4 90.6
51 42.9 31.1 46.7

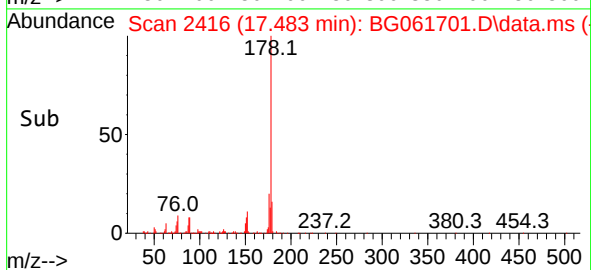
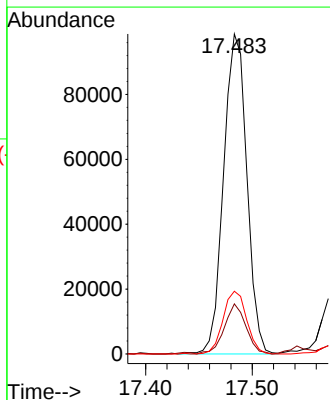
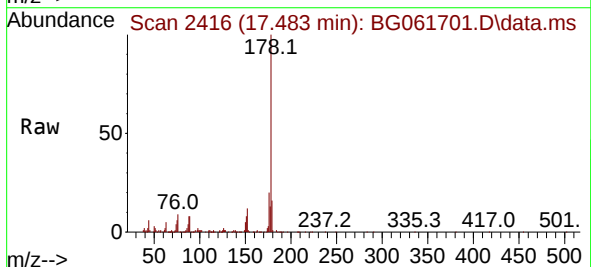
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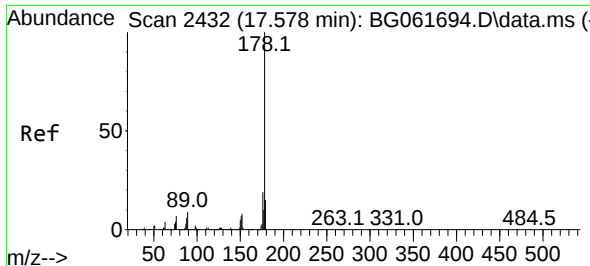
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#72
Phenanthrene
Concen: 6.103 ng/ul
RT: 17.483 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG061701.D
Acq: 25 Jun 2024 13:49

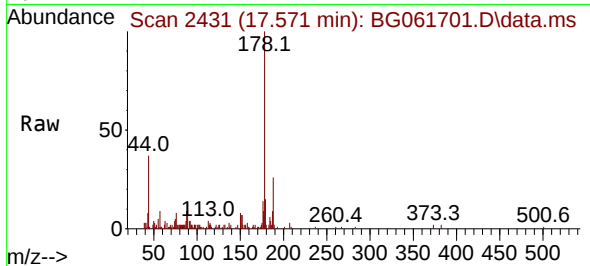
Tgt Ion:178 Resp: 149392
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.6 16.2 24.2





#74
 Anthracene
 Concen: 1.094 ng/ul m
 RT: 17.571 min Scan# 2432
 Delta R.T. -0.006 min
 Lab File: BG061701.D
 Acq: 25 Jun 2024 13:49

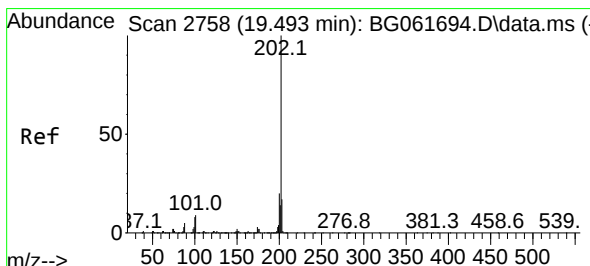
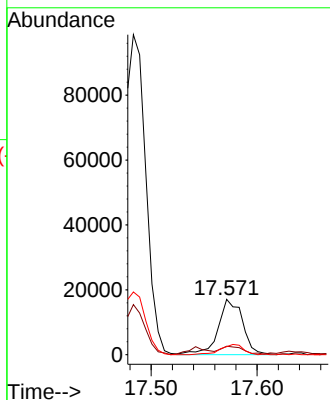
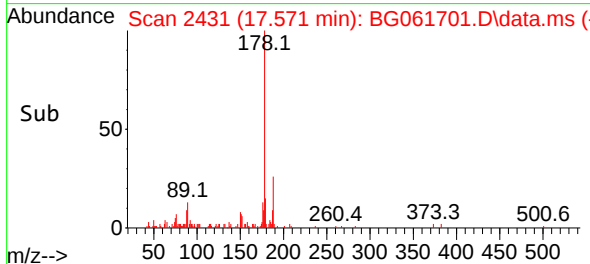
Instrument :
 BNA_G
 ClientSampleId :
 A4C61



Tgt Ion:178 Resp: 2738
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.4 17.2
 176 14.4 14.7 22.1

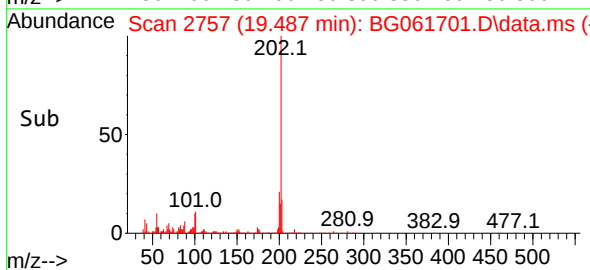
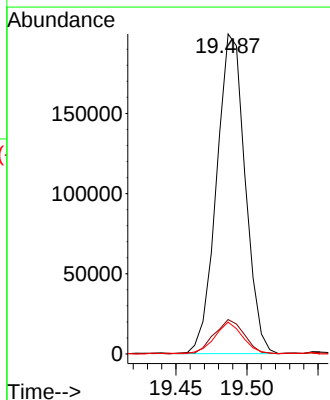
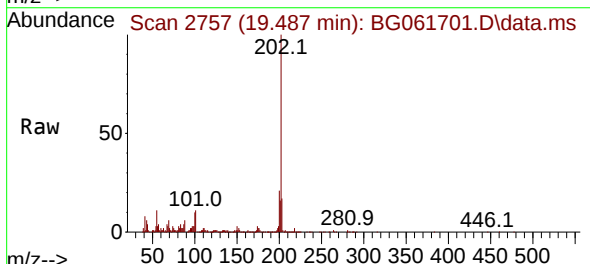
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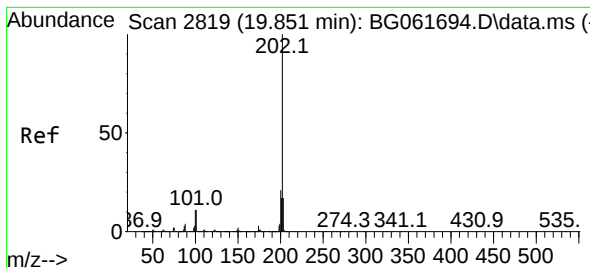
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#80
 Fluoranthene
 Concen: 10.935 ng/ul
 RT: 19.487 min Scan# 2757
 Delta R.T. -0.006 min
 Lab File: BG061701.D
 Acq: 25 Jun 2024 13:49

Tgt Ion:202 Resp: 278630
 Ion Ratio Lower Upper
 202 100
 101 10.8 7.8 11.6
 100 9.9 7.7 11.5





#82

Pyrene

Concen: 8.021 ng/ul

RT: 19.851 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG061701.D

Acq: 25 Jun 2024 13:49

Instrument :

BNA_G

ClientSampleId :

A4C61

Tgt Ion:202 Resp: 217310

Ion Ratio Lower Upper

202 100

101 12.2 10.1 15.1

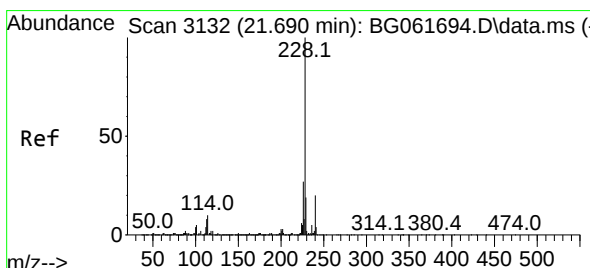
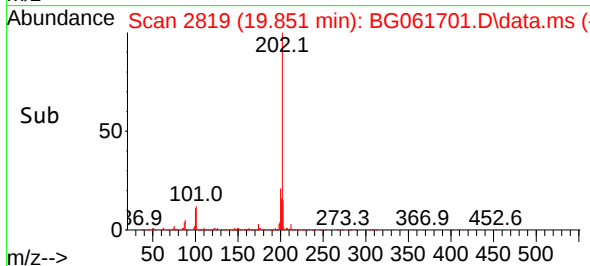
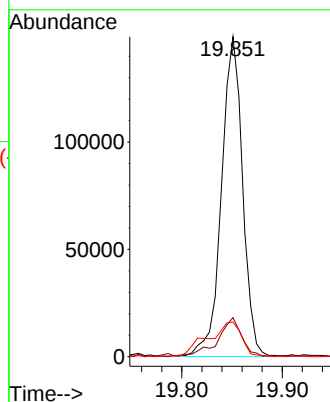
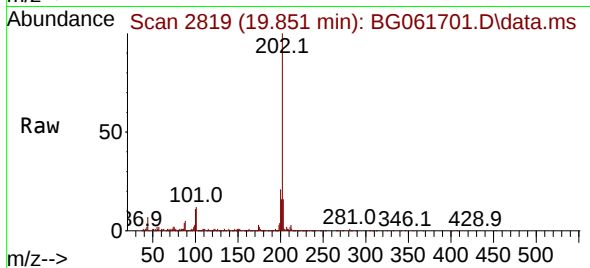
100 10.9 9.9 14.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#85

Benzo(a)anthracene

Concen: 4.729 ng/ul

RT: 21.690 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BG061701.D

Acq: 25 Jun 2024 13:49

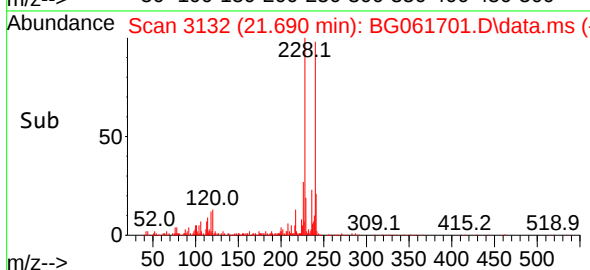
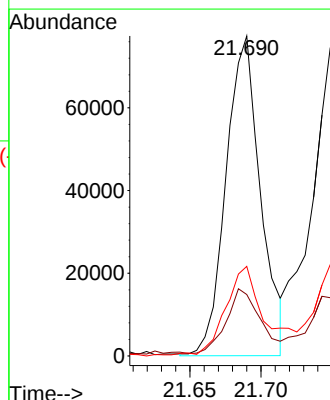
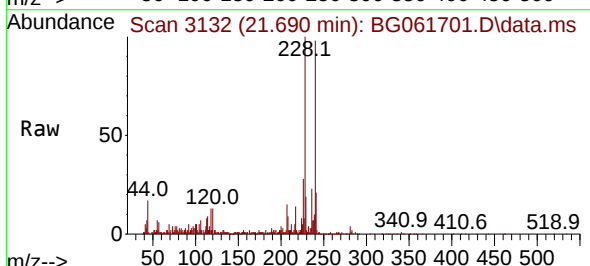
Tgt Ion:228 Resp: 130511

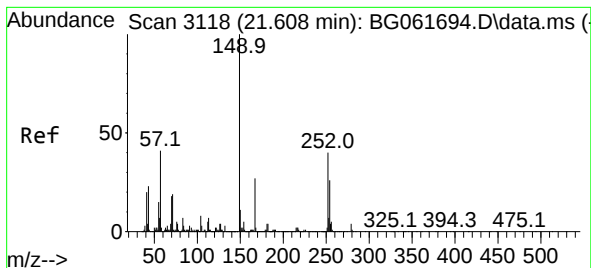
Ion Ratio Lower Upper

228 100

229 19.2 15.8 23.8

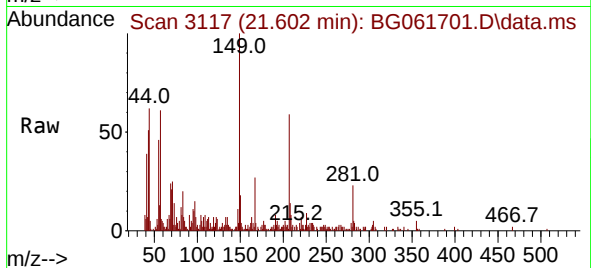
226 28.0 21.4 32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.907 ng/ul m
RT: 21.602 min Scan# 3117
Delta R.T. -0.023 min
Lab File: BG061701.D
Acq: 25 Jun 2024 13:49

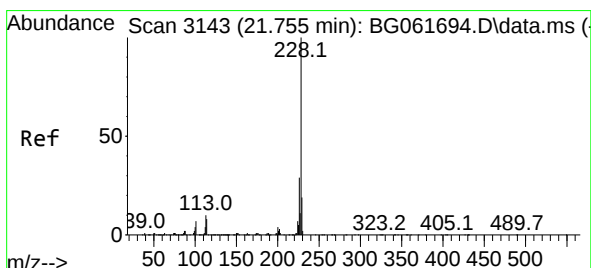
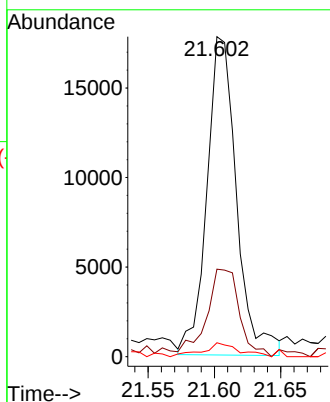
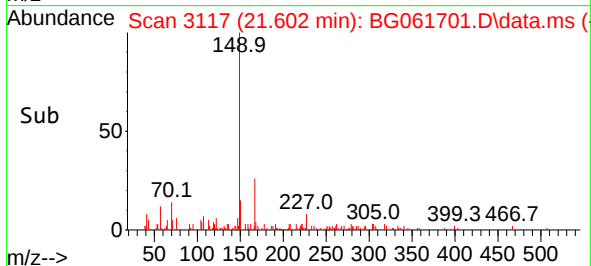
Instrument :
BNA_G
ClientSampleId :
A4C61



Tgt Ion:149 Resp: 27654
Ion Ratio Lower Upper
149 100
167 27.3 20.5 30.7
279 4.3 2.9 4.3

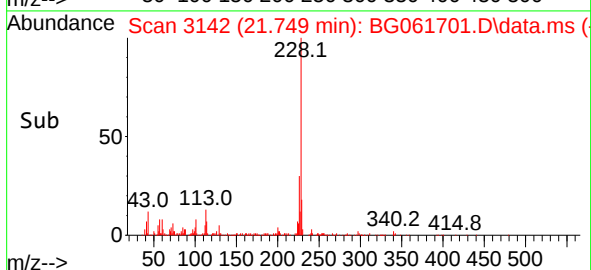
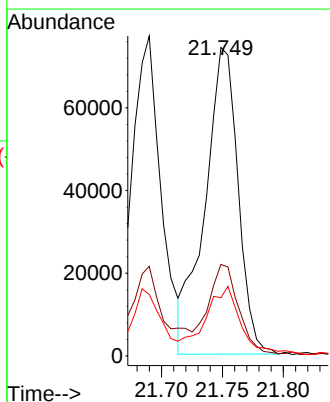
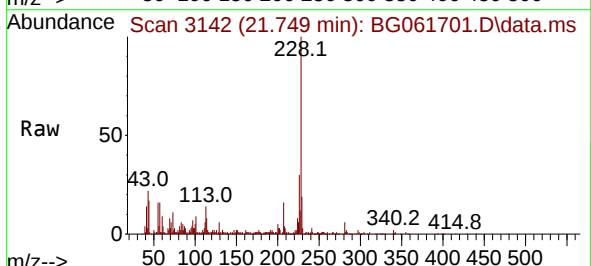
Manual Integrations
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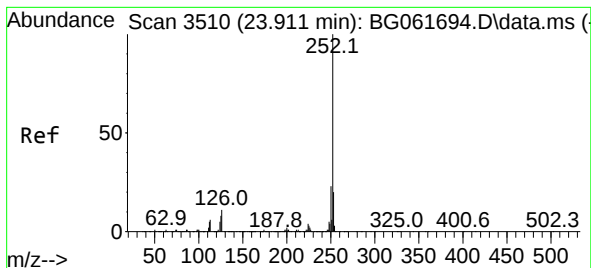
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#87
Chrysene
Concen: 5.389 ng/ul
RT: 21.749 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG061701.D
Acq: 25 Jun 2024 13:49

Tgt Ion:228 Resp: 140720
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 18.9 16.5 24.7





#90

Benzo(b)fluoranthene

Concen: 7.219 ng/ul

RT: 23.911 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BG061701.D

Acq: 25 Jun 2024 13:49

Instrument :

BNA_G

ClientSampleId :

A4C61

Tgt Ion:252 Resp: 20005

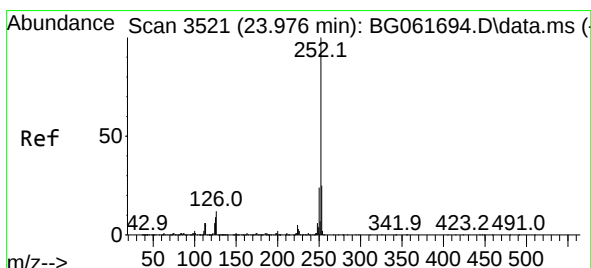
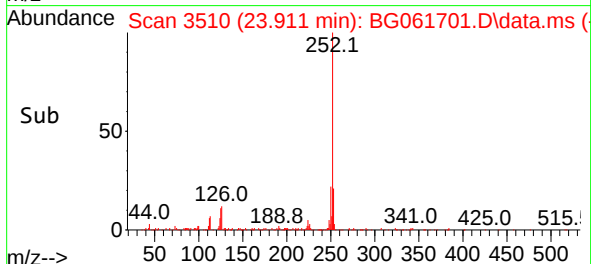
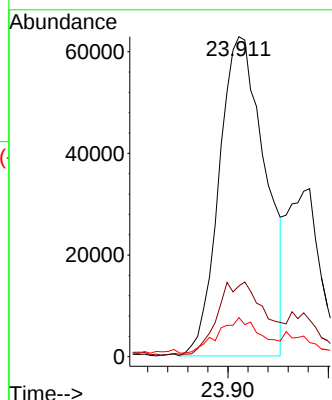
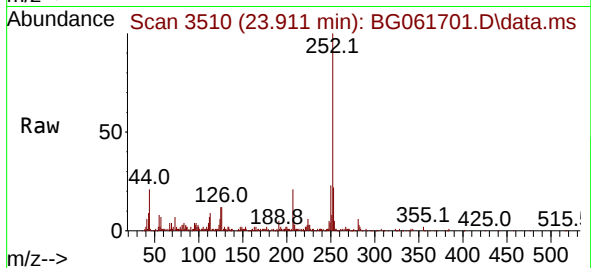
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	12.2	7.0	10.6

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#91

Benzo(k)fluoranthene

Concen: 2.670 ng/ul m

RT: 23.981 min Scan# 3522

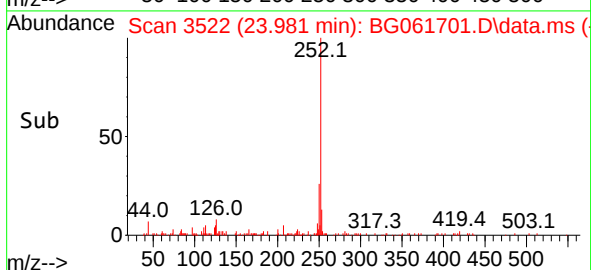
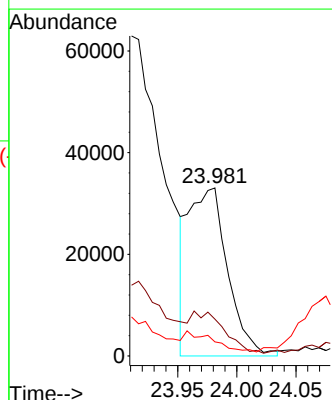
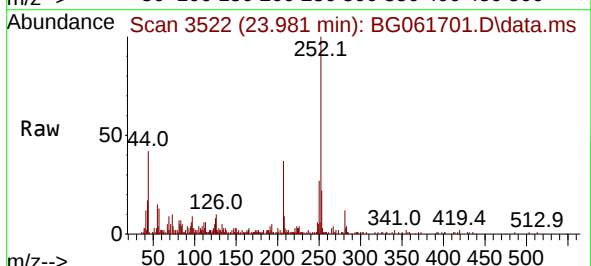
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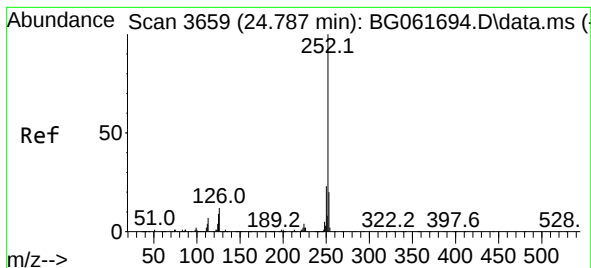
Lab File: BG061701.D

Acq: 25 Jun 2024 13:49

Tgt Ion:252 Resp: 76094

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	8.4	6.2	9.2





#93

Benzo(a)pyrene

Concen: 2.993 ng/ul

RT: 24.780 min Scan# 30

Delta R.T. -0.012 min

Lab File: BG061701.D

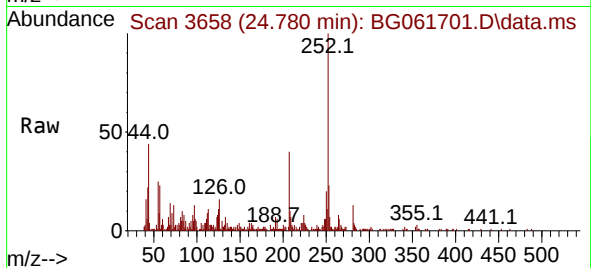
Acq: 25 Jun 2024 13:49

Instrument :

BNA_G

ClientSampleId :

A4C61



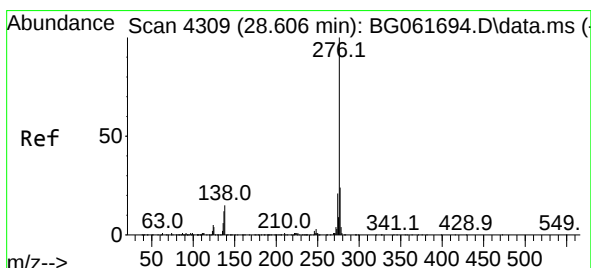
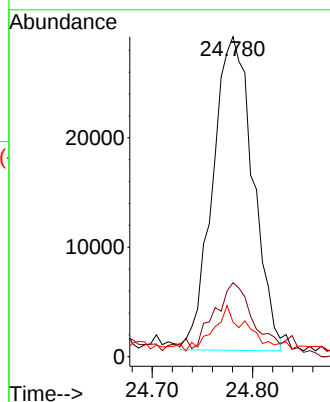
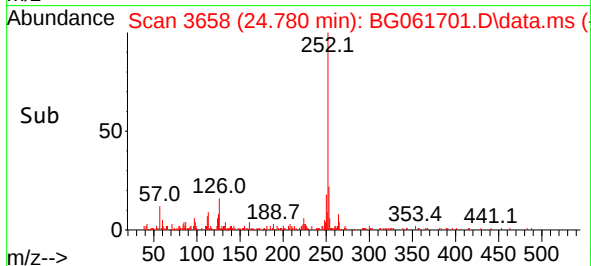
Tgt Ion:	252	Resp:	7985
Ion Ratio	Lower	Upper	
252	100		
253	23.1	16.8	25.2
125	10.8	6.5	9.7

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.316 ng/ul m

RT: 28.611 min Scan# 4310

Delta R.T. -0.006 min

Lab File: BG061701.D

Acq: 25 Jun 2024 13:49

Tgt Ion:	276	Resp:	76998
Ion Ratio	Lower	Upper	
276	100		
138	16.3	12.2	18.4
277	25.7	19.7	29.5

