

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
 Data File : BG061867.D
 Acq On : 3 Jul 2024 17:01
 Operator : MA/JU
 Sample : P3065-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:00:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	41899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.911	136	199857	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.718	164	141864	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.456	188	345028m	20.000	ng/u1	0.00
79) Chrysene-d12	21.721	240	295360	20.000	ng/u1	0.00
88) Perylene-d12	24.965	264	347561	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.484	96	3816m	3.423	ng/uL	0.00
4) Pyridine-d5	3.913	84	4937m	1.440	ng/u1	0.00
7) Phenol-d5	7.250	99	95991	20.935	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.415	67	59952	20.647	ng/u1	0.00
11) 2-Chlorophenol-d4	7.626	132	68747	21.857	ng/u1	0.00
15) 4-Methylphenol-d8	8.795	113	70024	19.396	ng/u1	0.00
21) Nitrobenzene-d5	9.260	128	36699	24.144	ng/u1	0.00
24) 2-Nitrophenol-d4	9.988	143	42205	24.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.523	165	83625	24.977	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	75442	15.521	ng/u1	0.00
46) Dimethylphthalate-d6	14.119	166	293432	25.159	ng/u1	0.00
49) Acenaphthylene-d8	14.412	160	313067	25.671	ng/u1	0.00
54) 4-Nitrophenol-d4	14.906	143	44550	23.919	ng/u1	0.00
60) Fluorene-d10	15.705	176	256789	26.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	41436m	22.867	ng/u1	0.00
73) Anthracene-d10	17.556	188	398460	24.736	ng/u1	0.00
81) Pyrene-d10	19.835	212	386250	22.233	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.736	264	291030	16.884	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.497	178	77490m	4.259	ng/u1	
80) Fluoranthene	19.501	202	189089	9.197	ng/u1	98
82) Pyrene	19.865	202	123969	5.837	ng/u1	97
85) Benzo(a)anthracene	21.698	228	87493	4.091	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	21.598	149	28947	2.263	ng/u1#	90
87) Chrysene	21.768	228	95142	4.752	ng/u1	96
90) Benzo(b)fluoranthene	23.937	252	131352m	5.998	ng/u1	
91) Benzo(k)fluoranthene	23.989	252	60096m	2.752	ng/u1	
93) Benzo(a)pyrene	24.806	252	45969	2.217	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.643	276	46724m	1.763	ng/u1	

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

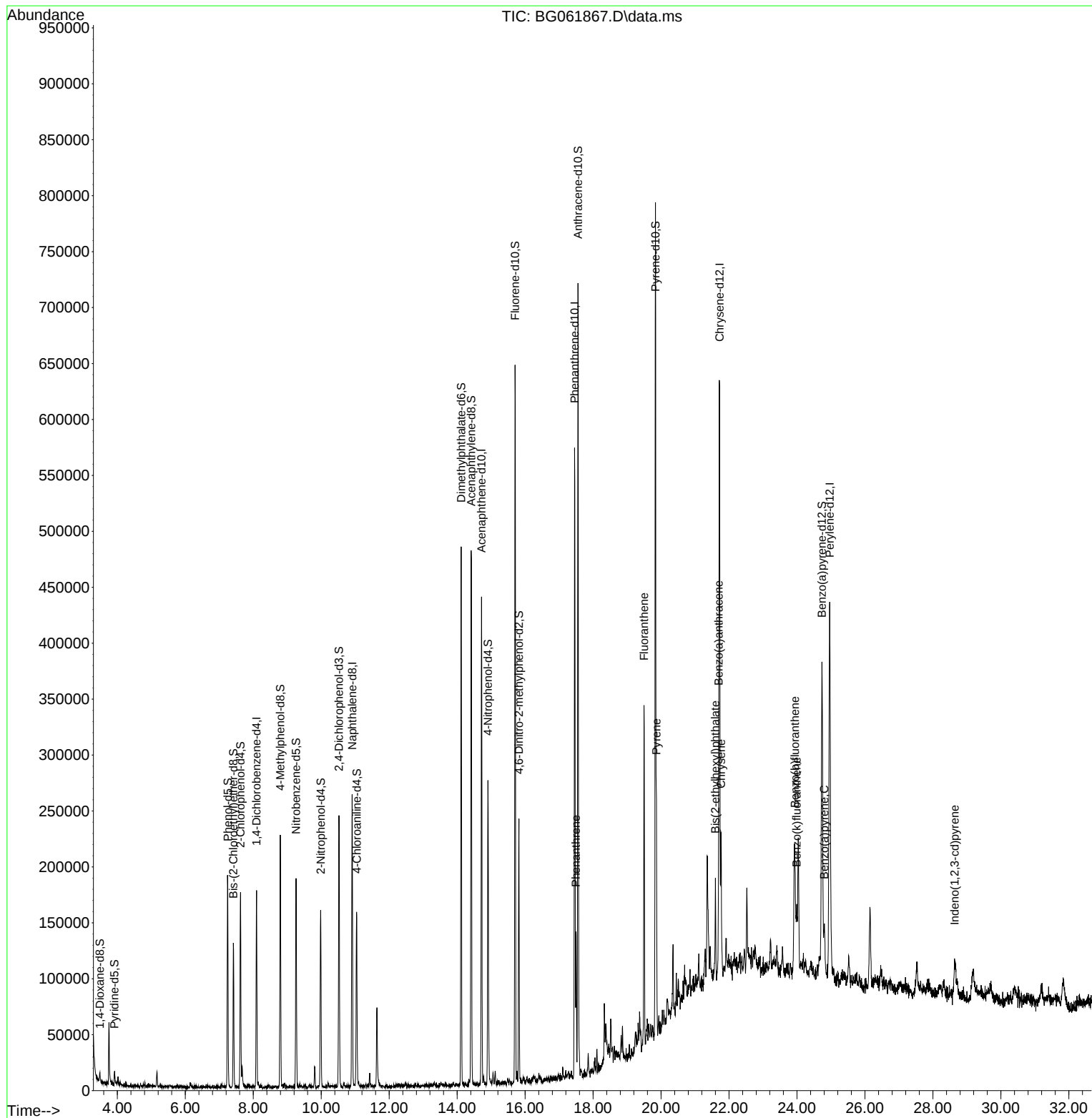
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061867.D
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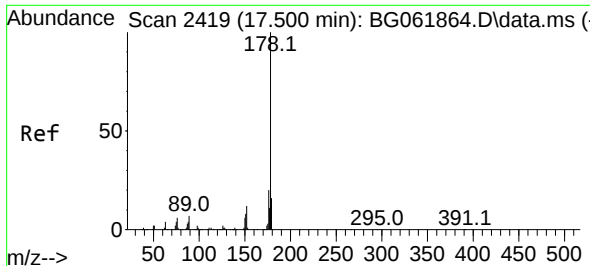
Instrument :
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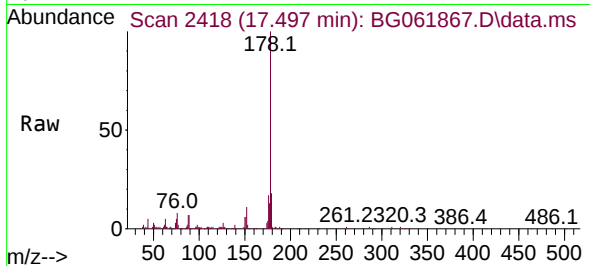
Quant Time: Jul 04 01:00:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:38:46 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.259 ng/ul m
RT: 17.497 min Scan# 2419
Delta R.T. -0.010 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01

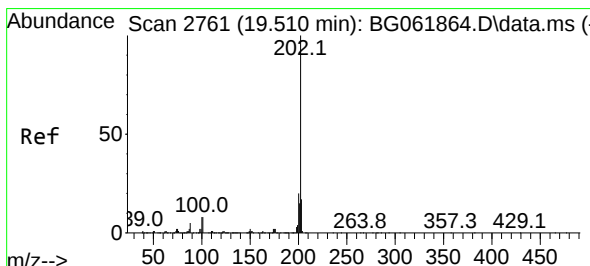
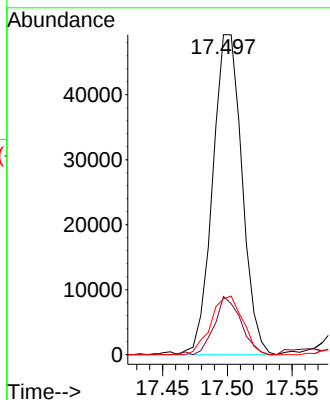
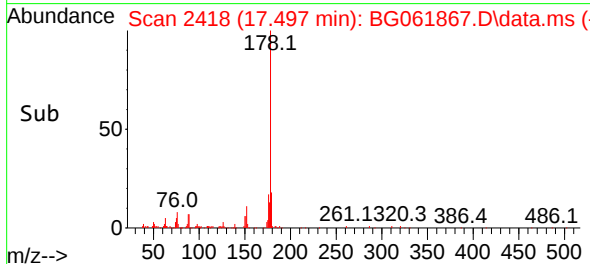
Instrument :
BNA_G
ClientSampleId :
A4CE8



Tgt Ion:178 Resp: 77490
Ion Ratio Lower Upper
178 100
179 18.2 11.9 17.9
176 17.4 15.5 23.3

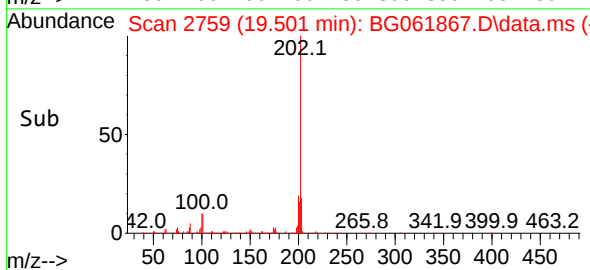
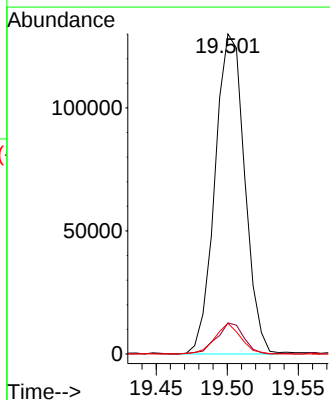
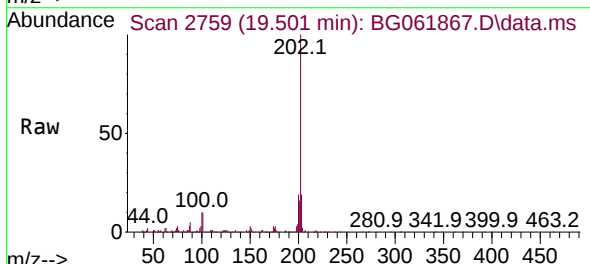
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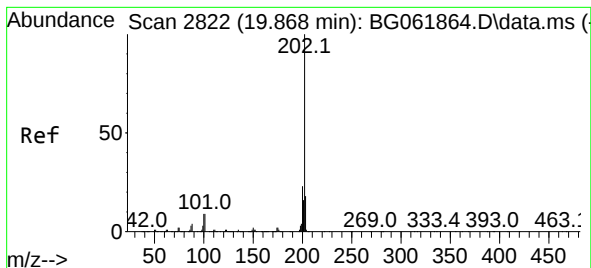
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#80
Fluoranthene
Concen: 9.197 ng/ul
RT: 19.501 min Scan# 2759
Delta R.T. -0.004 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01

Tgt Ion:202 Resp: 189089
Ion Ratio Lower Upper
202 100
101 9.7 7.4 11.2
100 9.6 6.6 10.0





#82

Pyrene

Concen: 5.837 ng/ul

RT: 19.865 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG061867.D

Acq: 3 Jul 2024 17:01

Instrument :

BNA_G

ClientSampleId :

A4CE8

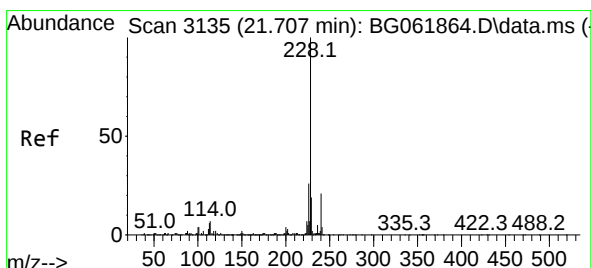
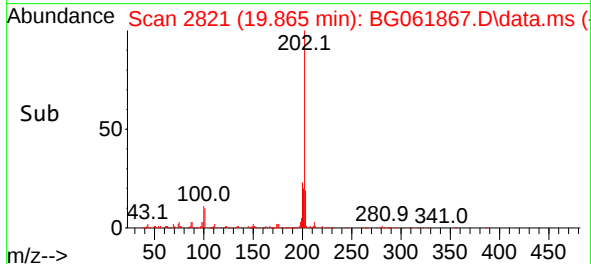
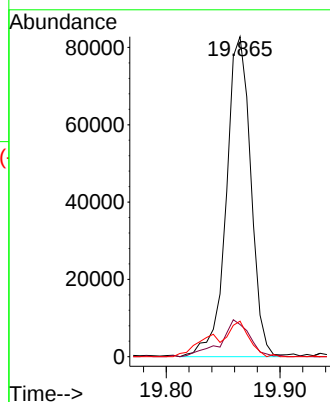
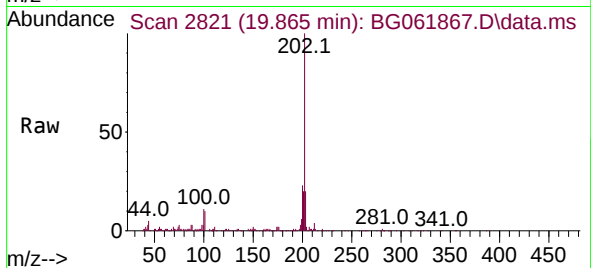
Tgt Ion:	202	Resp:	123969
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.8	13.2
100	11.1	7.6	11.4

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#85

Benzo(a)anthracene

Concen: 4.091 ng/ul

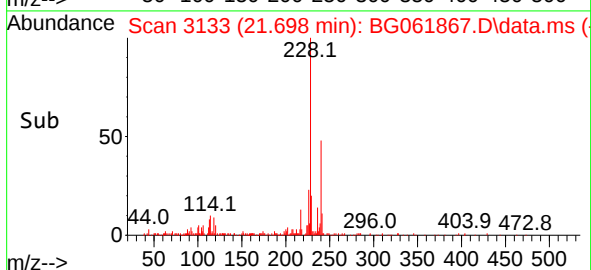
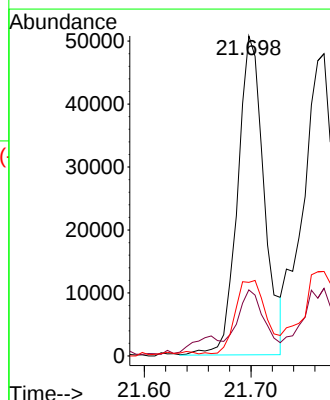
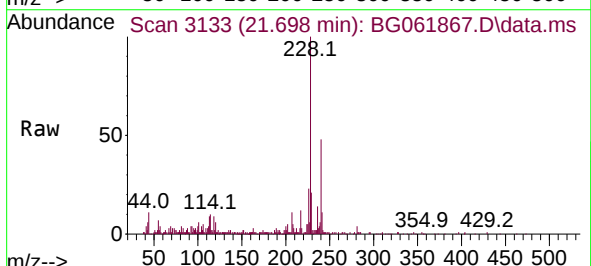
RT: 21.698 min Scan# 3133

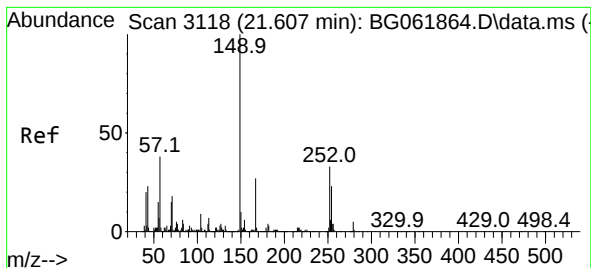
Delta R.T. -0.004 min

Lab File: BG061867.D

Acq: 3 Jul 2024 17:01

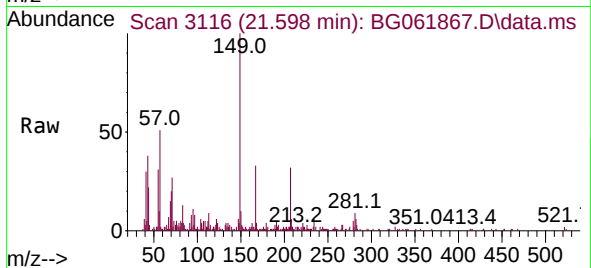
Tgt Ion:	228	Resp:	87493
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.7	23.5
226	23.0	21.7	32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.263 ng/ul
RT: 21.598 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01

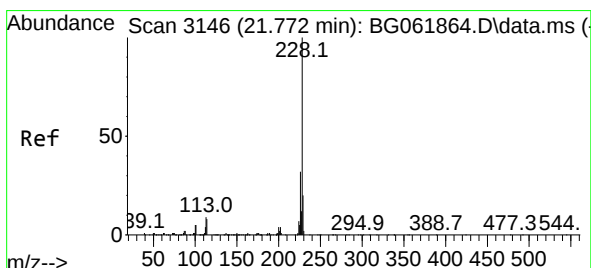
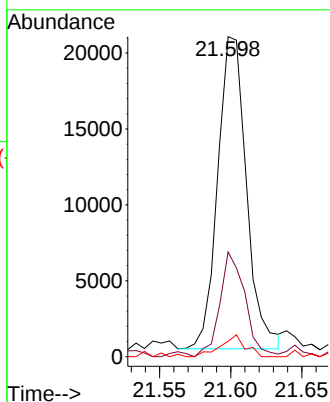
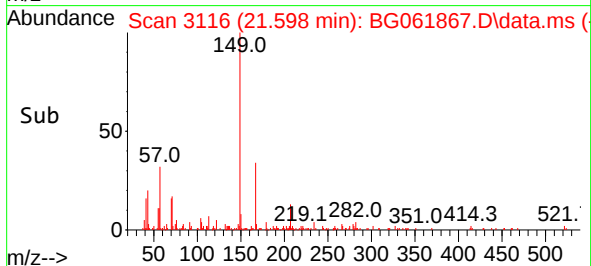
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 2894
Ion Ratio Lower Upper
149 100
167 32.7 21.7 32.5
279 4.8 2.8 4.2

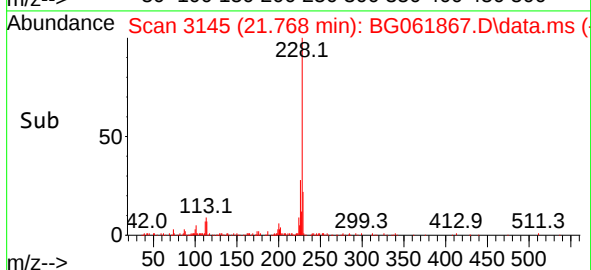
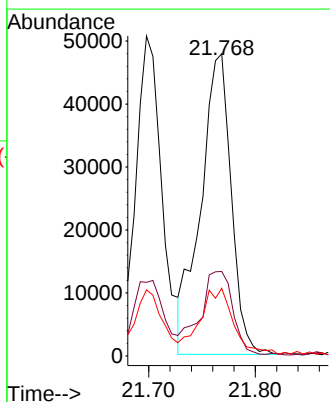
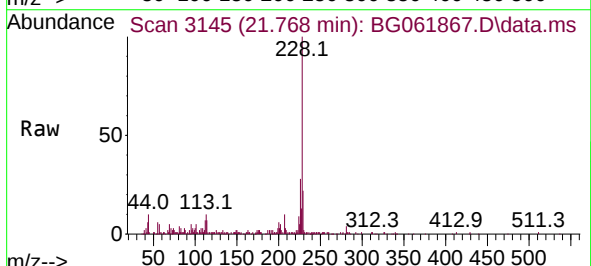
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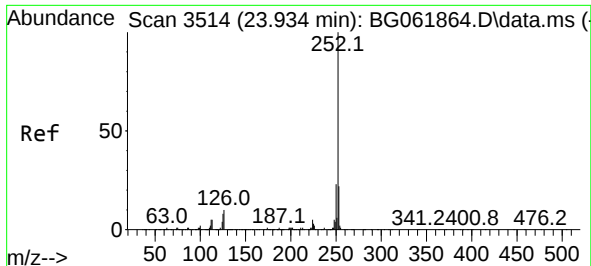
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#87
Chrysene
Concen: 4.752 ng/ul
RT: 21.768 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01

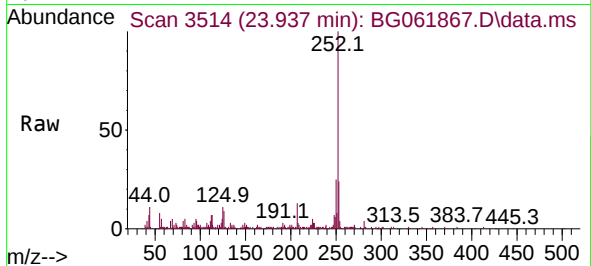
Tgt Ion:228 Resp: 95142
Ion Ratio Lower Upper
228 100
226 28.0 23.3 34.9
229 22.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 5.998 ng/ul m
RT: 23.937 min Scan# 3514
Delta R.T. 0.002 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01

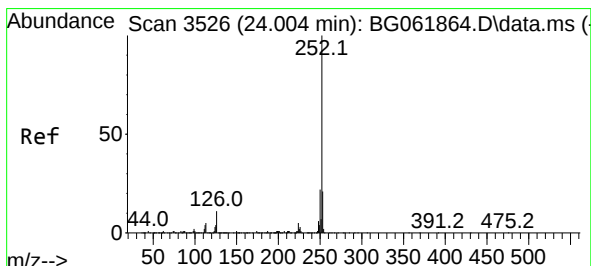
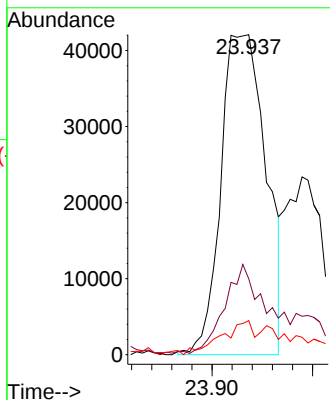
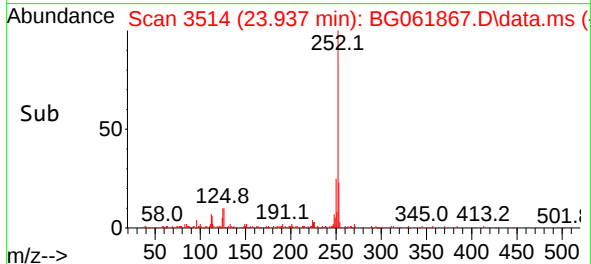
Instrument :
BNA_G
ClientSampleId :
A4CE8



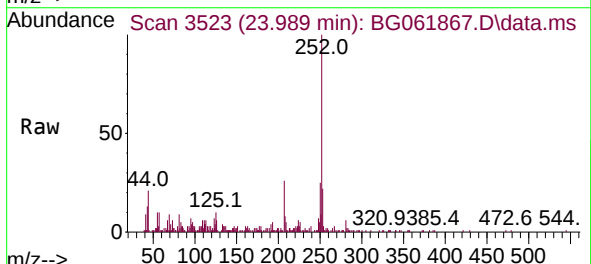
Tgt Ion:252 Resp: 131352
Ion Ratio Lower Upper
252 100
253 23.7 17.2 25.8
125 10.6 6.1 9.1

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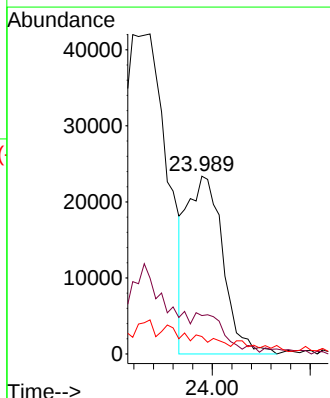
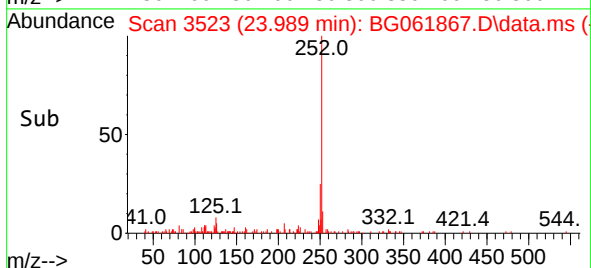
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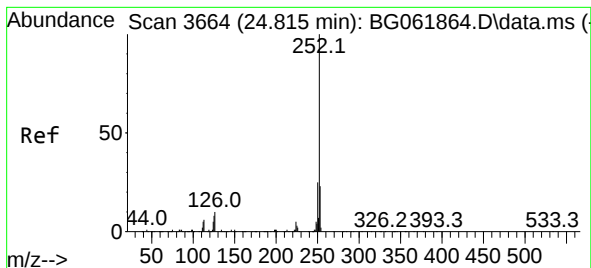


#91
Benzo(k)fluoranthene
Concen: 2.752 ng/ul m
RT: 23.989 min Scan# 3523
Delta R.T. -0.015 min
Lab File: BG061867.D
Acq: 3 Jul 2024 17:01



Tgt Ion:252 Resp: 60096
Ion Ratio Lower Upper
252 100
253 21.6 19.3 28.9
125 9.8 6.3 9.5





#93

Benzo(a)pyrene

Concen: 2.217 ng/ul

RT: 24.806 min Scan# 30

Delta R.T. -0.010 min

Lab File: BG061867.D

Acq: 3 Jul 2024 17:01

Instrument :

BNA_G

ClientSampleId :

A4CE8

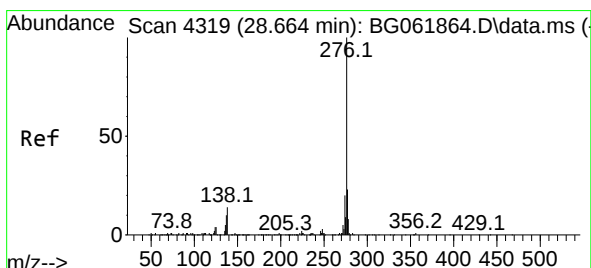
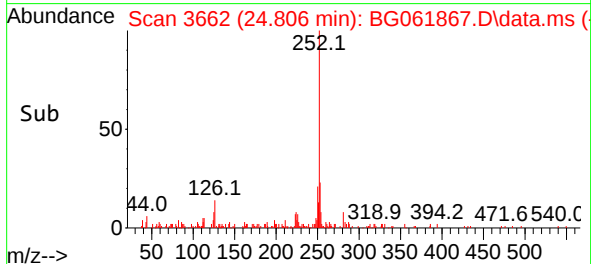
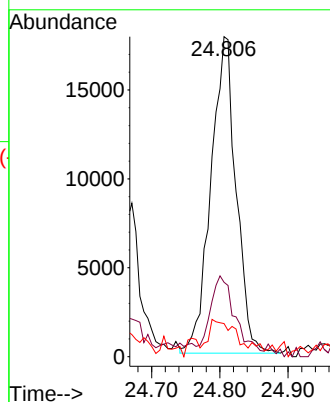
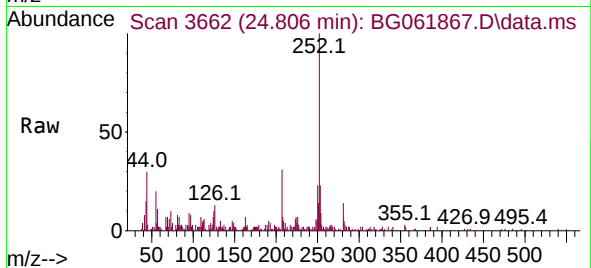
Tgt Ion:	252	Resp:	4596
Ion Ratio	Lower	Upper	
252	100		
253	23.2	16.5	24.7
125	10.4	7.4	11.2

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.763 ng/ul m

RT: 28.643 min Scan# 4315

Delta R.T. -0.021 min

Lab File: BG061867.D

Acq: 3 Jul 2024 17:01

Tgt Ion:	276	Resp:	46724
Ion Ratio	Lower	Upper	
276	100		
138	13.0	11.9	17.9
277	20.6	19.3	28.9

