

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061429.D
 Acq On : 3 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2577-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 22:53:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	33166	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	128150	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	102778	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.259	188	251798	20.000	ng/u1	0.00
79) Chrysene-d12	21.513	240	273798	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	316565	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	3561	6.009	ng/uL	0.00
4) Pyridine-d5	3.746	84	29247	13.872	ng/u1	0.00
7) Phenol-d5	7.065	99	74229	27.254	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.206	67	47280	27.618	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	61326	30.424	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	50794	21.871	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	31483	31.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	32560	28.197	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	69275	30.773	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	62382	21.181	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	237386	29.780	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	260747	31.464	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	25946	26.328	ng/u1	0.02
60) Fluorene-d10	15.503	176	216546	31.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	34954	22.952	ng/u1	0.01
73) Anthracene-d10	17.359	188	351109	31.629	ng/u1	0.00
81) Pyrene-d10	19.656	212	426081	30.308	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	371690	24.423	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.306	178	89955	7.361	ng/u1	97
74) Anthracene	17.394	178	14168m	1.121	ng/u1	
80) Fluoranthene	19.322	202	213296	12.647	ng/u1	99
82) Pyrene	19.686	202	172486	9.853	ng/u1	99
85) Benzo(a)anthracene	21.496	228	116975	6.192	ng/u1	94
87) Chrysene	21.560	228	113405	6.519	ng/u1	97
90) Benzo(b)fluoranthene	23.628	252	153482	8.143	ng/u1	99
91) Benzo(k)fluoranthene	23.681	252	54634	2.855	ng/u1	95
93) Benzo(a)pyrene	24.457	252	67530	3.773	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	28.094	276	58548m	2.705	ng/u1	
95) Dibenzo(a,h)anthracene	28.129	278	19016m	1.066	ng/u1	

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

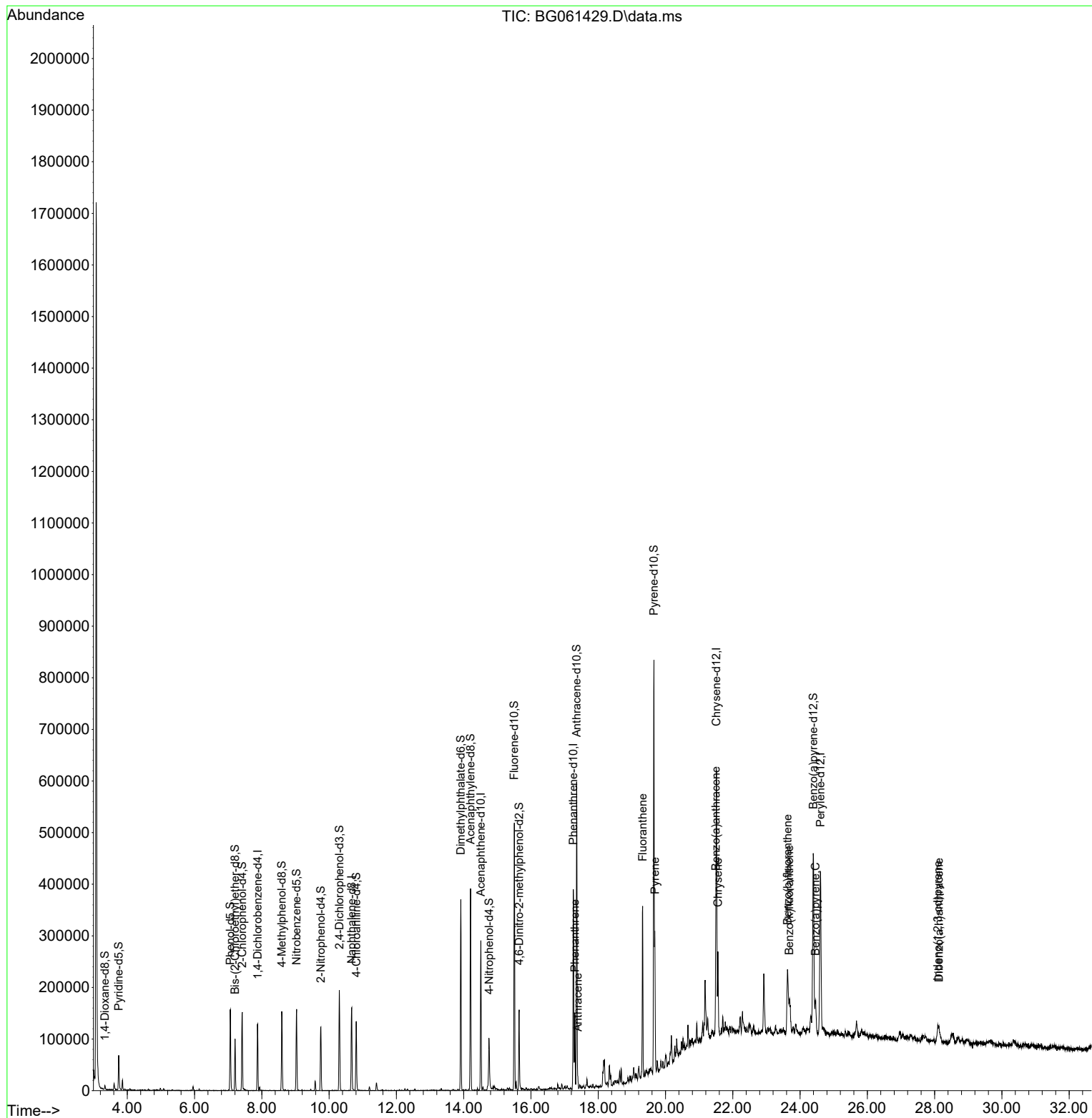
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061429.D
Acq On : 3 Jun 2024 18:52
Operator : MA/JU
Sample : P2577-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

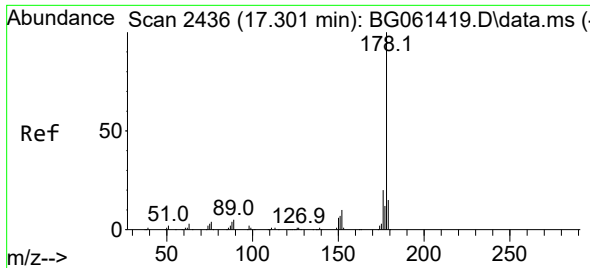
Instrument :
BNA_G
ClientSampleId :
BHBQ0

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Supervised By :mohammad ahmed 06/05/2024

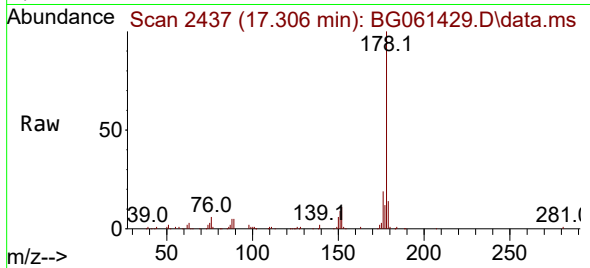
Quant Time: Jun 03 22:53:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 7.361 ng/ul
RT: 17.306 min Scan# 2436
Delta R.T. 0.007 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

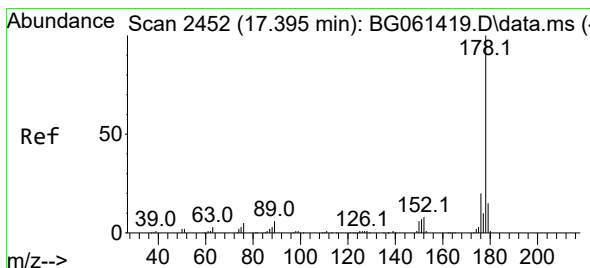
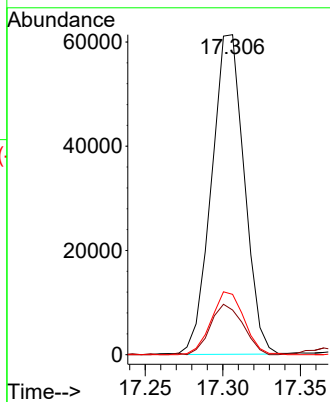
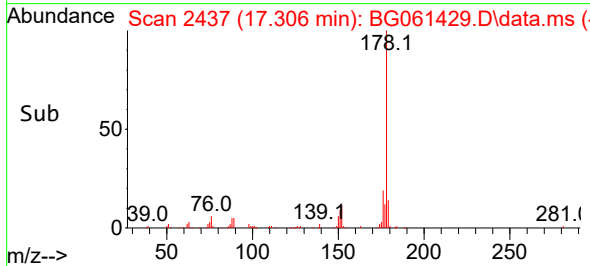
Instrument :
BNA_G
ClientSampleId :
BHBQ0



Tgt Ion:178 Resp: 8995
Ion Ratio Lower Upper
178 100
179 13.9 12.7 19.1
176 18.9 15.5 23.3

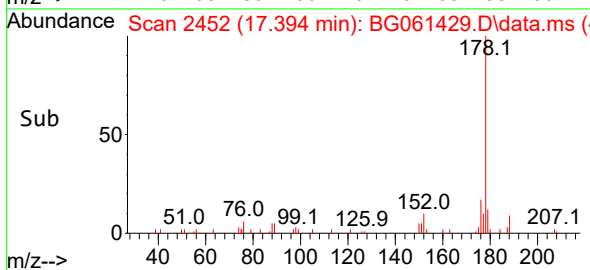
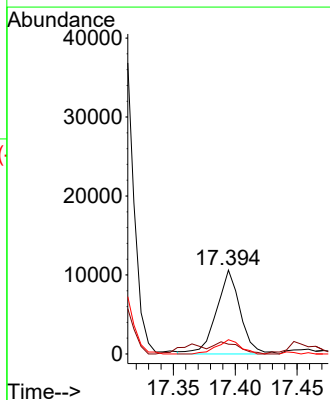
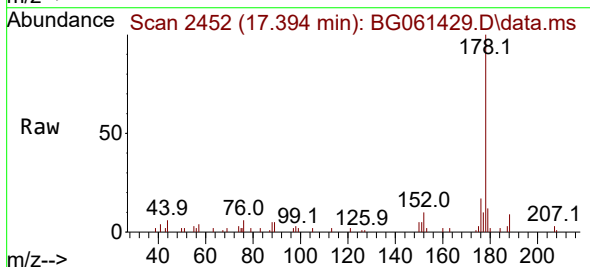
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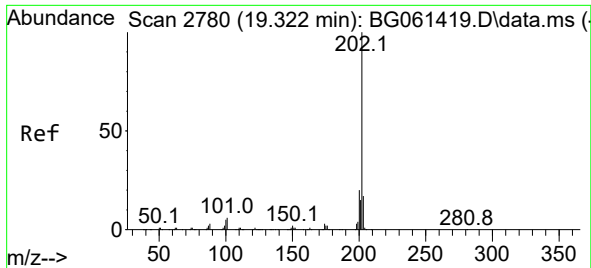
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#74
Anthracene
Concen: 1.121 ng/ul m
RT: 17.394 min Scan# 2452
Delta R.T. 0.001 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

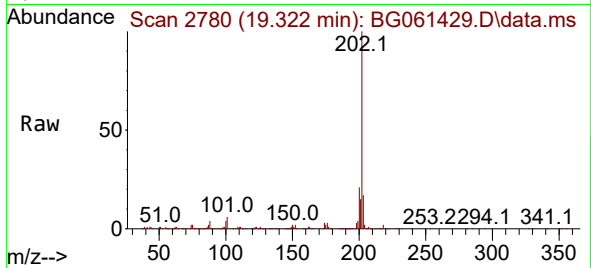
Tgt Ion:178 Resp: 14168
Ion Ratio Lower Upper
178 100
179 11.7 11.8 17.6#
176 17.1 14.9 22.3





#80
Fluoranthene
Concen: 12.647 ng/ul
RT: 19.322 min Scan# 213290
Delta R.T. 0.007 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

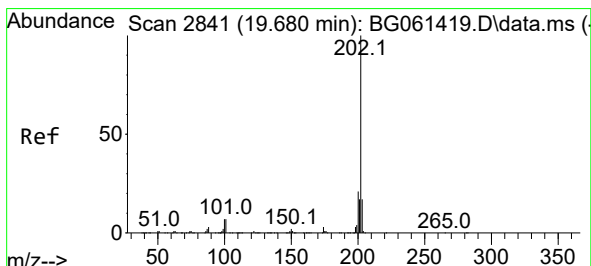
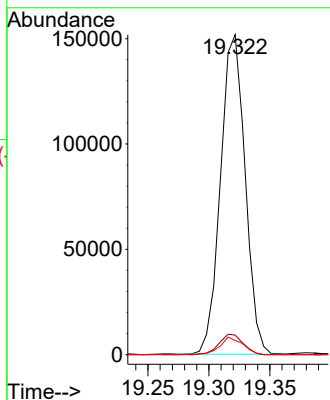
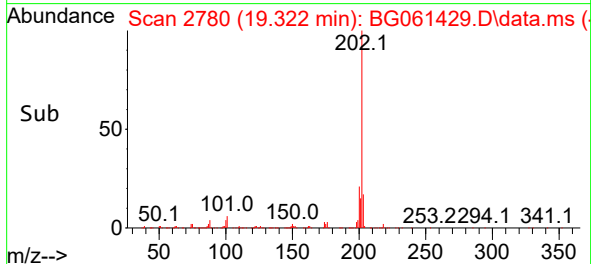
Instrument :
BNA_G
ClientSampleId :
BHBQ0



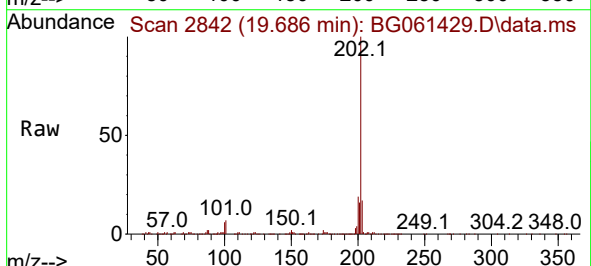
Tgt Ion:202 Resp: 213290
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 4.5 4.1 6.1

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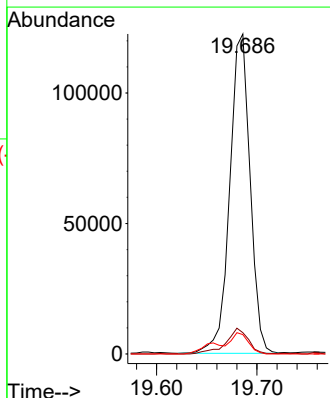
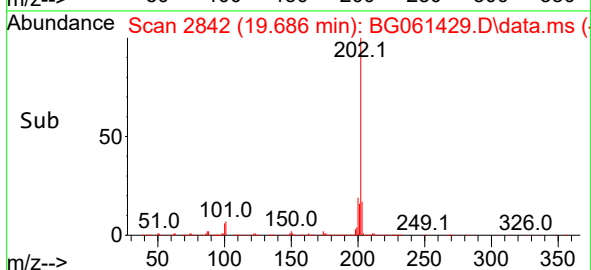
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

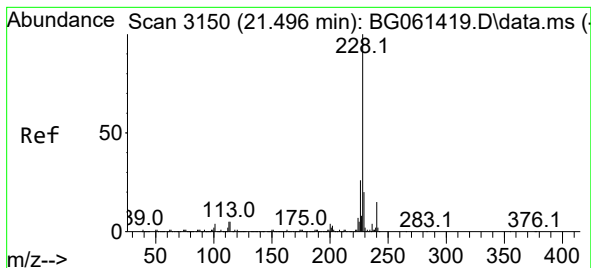


#82
Pyrene
Concen: 9.853 ng/ul
RT: 19.686 min Scan# 2842
Delta R.T. 0.007 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52



Tgt Ion:202 Resp: 172486
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 6.0 5.1 7.7





#85

Benzo(a)anthracene

Concen: 6.192 ng/ul

RT: 21.496 min Scan# 3150

Delta R.T. 0.001 min

Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Instrument :

BNA_G

ClientSampleId :

BHBQ0

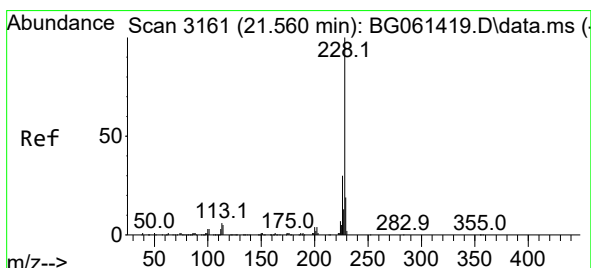
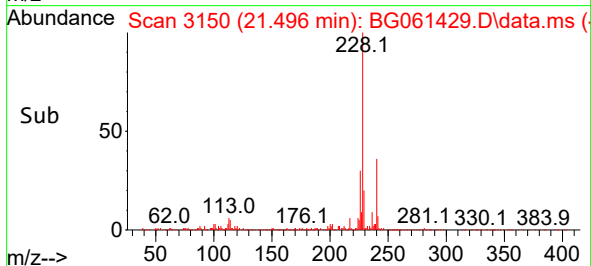
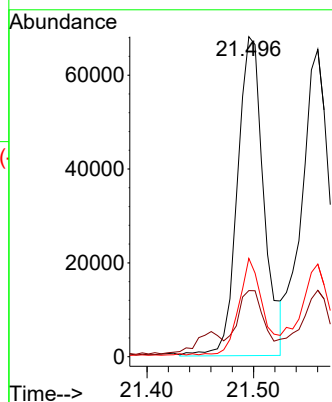
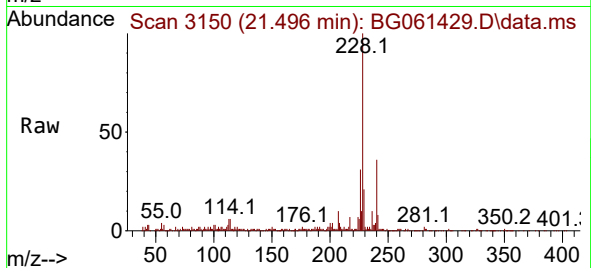
Tgt Ion:228 Resp: 11697

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.2	22.8
226	30.7	21.4	32.2

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#87

Chrysene

Concen: 6.519 ng/ul

RT: 21.560 min Scan# 3161

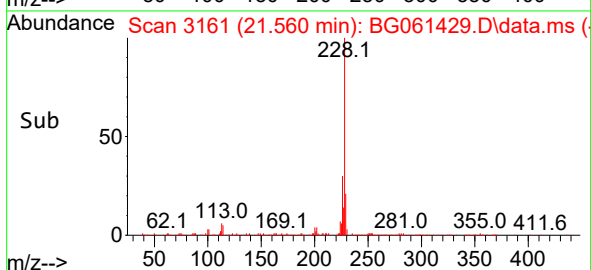
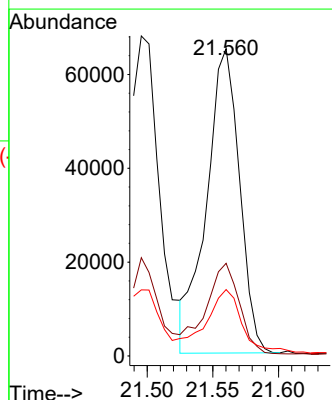
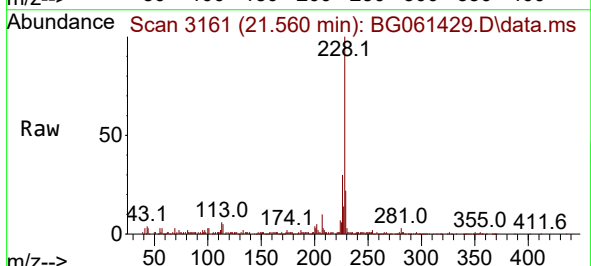
Delta R.T. 0.007 min

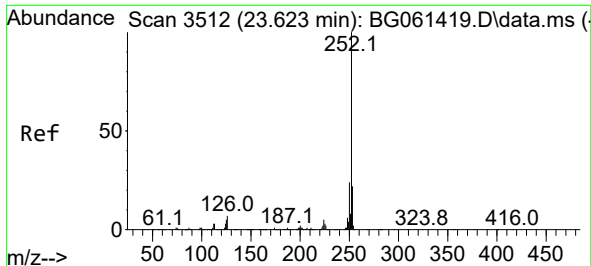
Lab File: BG061429.D

Acq: 3 Jun 2024 18:52

Tgt Ion:228 Resp: 113405

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.6	15.4	23.2





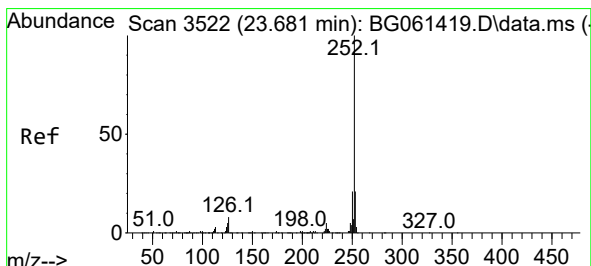
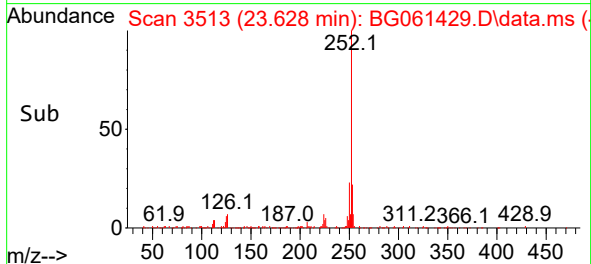
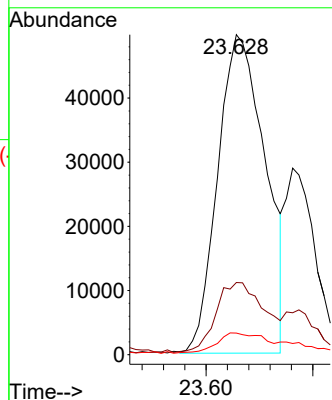
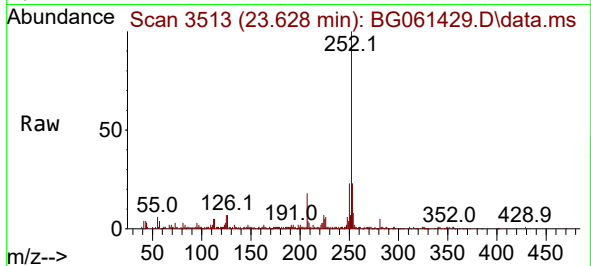
#90
Benzo(b)fluoranthene
Concen: 8.143 ng/ul
RT: 23.628 min Scan# 3512
Delta R.T. 0.013 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

Instrument :
BNA_G
ClientSampleId :
BHBQ0

Tgt Ion:252 Resp: 15348
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 6.7 4.6 6.8

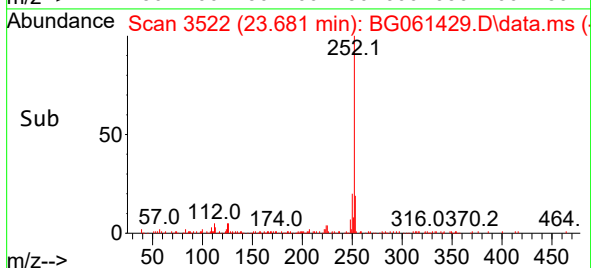
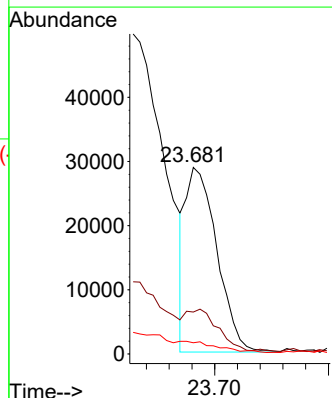
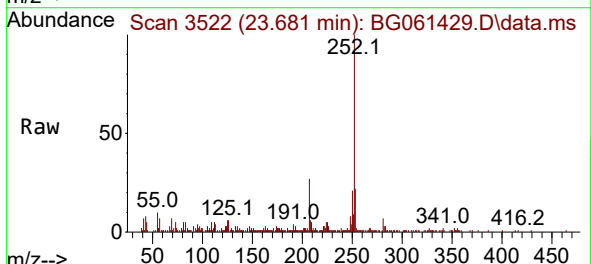
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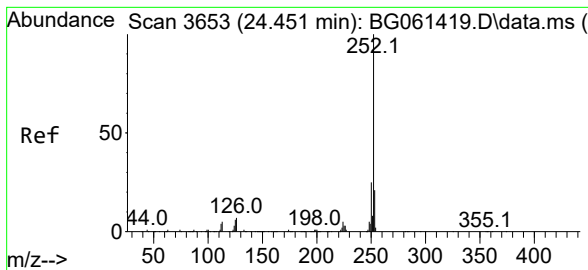
Reviewed By :Jagrut Upadhyay 06/04/2024
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#91
Benzo(k)fluoranthene
Concen: 2.855 ng/ul
RT: 23.681 min Scan# 3522
Delta R.T. 0.001 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

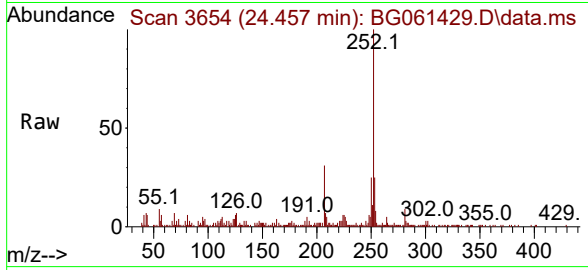
Tgt Ion:252 Resp: 54634
Ion Ratio Lower Upper
252 100
253 22.4 16.0 24.0
125 6.0 4.3 6.5





#93
Benzo(a)pyrene
Concen: 3.773 ng/ul
RT: 24.457 min Scan# 3653
Delta R.T. 0.007 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52

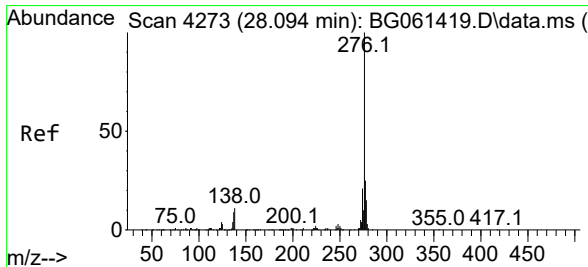
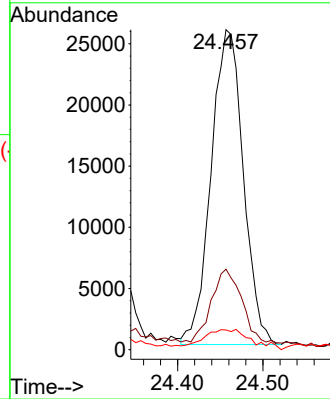
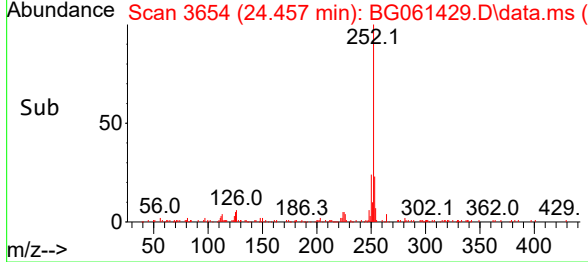
Instrument :
BNA_G
ClientSampleId :
BHBQ0



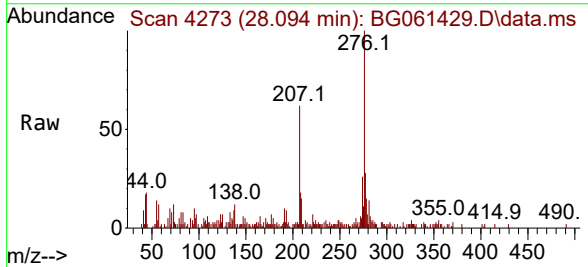
Tgt Ion:252 Resp: 67530
Ion Ratio Lower Upper
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253 25.1 16.4 24.6
125 6.1 4.3 6.5

Manual Integrations
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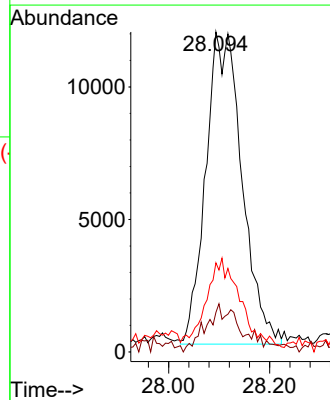
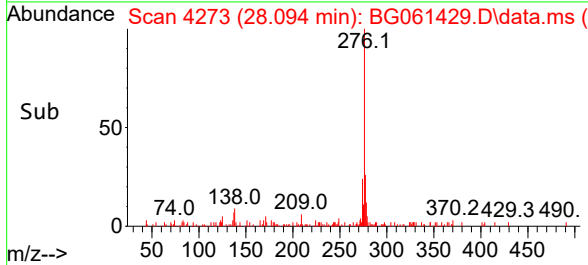
Reviewed By :Jagrut Upadhyay 06/04/2024
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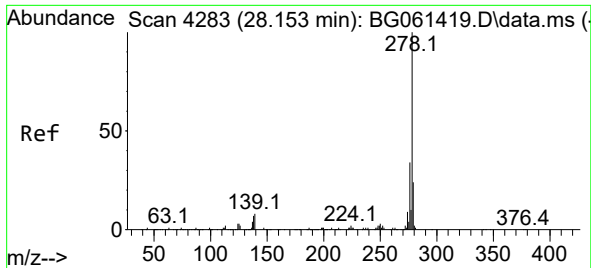


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.705 ng/ul m
RT: 28.094 min Scan# 4273
Delta R.T. 0.001 min
Lab File: BG061429.D
Acq: 3 Jun 2024 18:52



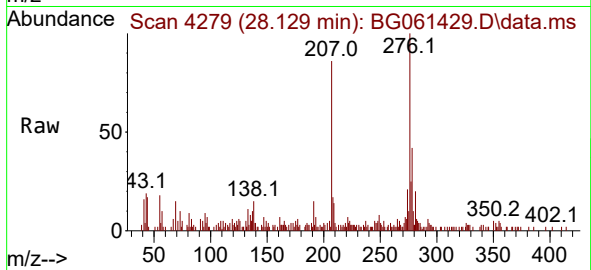
Tgt Ion:276 Resp: 58548
Ion Ratio Lower Upper
276 100
138 12.4 8.6 13.0
277 27.9 19.7 29.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.066 ng/ul m
 RT: 28.129 min Scan# 4
 Delta R.T. -0.011 min
 Lab File: BG061429.D
 Acq: 3 Jun 2024 18:52

Instrument :
 BNA_G
 ClientSampleId :
 BHBQ0



Tgt Ion:278 Resp: 19010
 Ion Ratio Lower Upper
 278 100
 139 9.9 6.4 9.6
 279 23.6 19.9 29.9

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