

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061441.D
 Acq On : 4 Jun 2024 3:46
 Operator : MA/JU
 Sample : P2577-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBNS

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 04:24:48 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	7.873	152	38459	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	151593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.512	164	112646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	264144	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	284850	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	323118	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2297	3.342	ng/uL	0.00
4) Pyridine-d5	3.748	84	6372	2.606	ng/ul	0.00
7) Phenol-d5	7.062	99	75363	23.862	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.203	67	44775	22.555	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	57809	24.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	63425	23.552	ng/ul	0.00
21) Nitrobenzene-d5	9.030	128	31808	27.253	ng/ul	0.00
24) 2-Nitrophenol-d4	9.753	143	36602	26.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.305	165	74956	28.147	ng/ul	0.00
31) 4-Chloroaniline-d4	10.811	131	60775	17.444	ng/ul	0.00
46) Dimethylphthalate-d6	13.919	166	238935	27.349	ng/ul	0.00
49) Acenaphthylene-d8	14.207	160	279350	30.756	ng/ul	0.00
54) 4-Nitrophenol-d4	14.753	143	24384m	22.575	ng/ul	0.02
60) Fluorene-d10	15.505	176	223107	29.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	26646	16.679	ng/ul	0.00
73) Anthracene-d10	17.362	188	351363	30.172	ng/ul	0.00
81) Pyrene-d10	19.653	212	449300	30.720	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	482813	31.081	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.303	178	58619	4.572	ng/ul	99
80) Fluoranthene	19.318	202	171778	9.790	ng/ul	99
82) Pyrene	19.683	202	157382	8.641	ng/ul	99
85) Benzo(a)anthracene	21.498	228	98492	5.011	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.404	149	11741	1.268	ng/ul#	87
87) Chrysene	21.557	228	102265	5.651	ng/ul	98
90) Benzo(b)fluoranthene	23.631	252	144514	7.512	ng/ul#	96
91) Benzo(k)fluoranthene	23.684	252	48187	2.467	ng/ul#	95
93) Benzo(a)pyrene	24.459	252	93158	5.100	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.120	276	60583m	2.742	ng/ul	
96) Benzo(g,h,i)perylene	29.207	276	55999m	3.186	ng/ul	

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

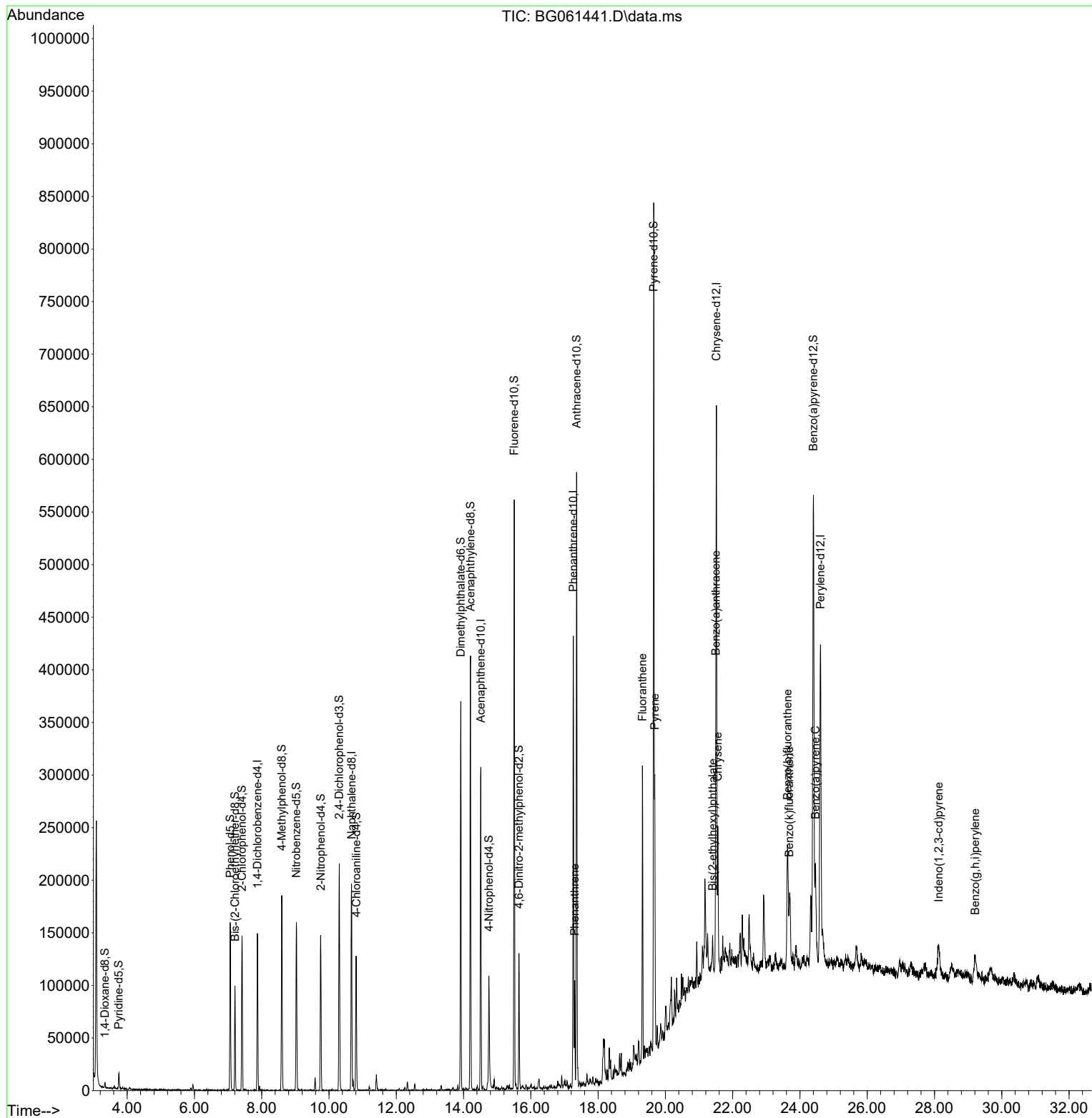
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061441.D
 Acq On : 4 Jun 2024 3:46
 Operator : MA/JU
 Sample : P2577-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

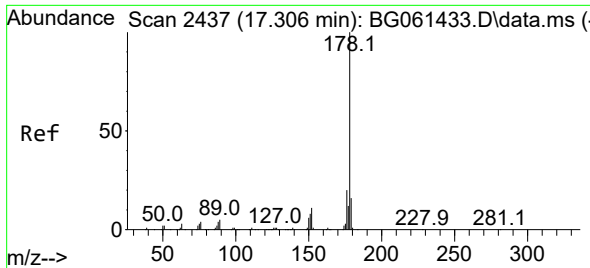
Instrument :
 BNA_G
 ClientSampleId :
 BHBN5

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 Supervised By :mohammad ahmed 06/05/2024

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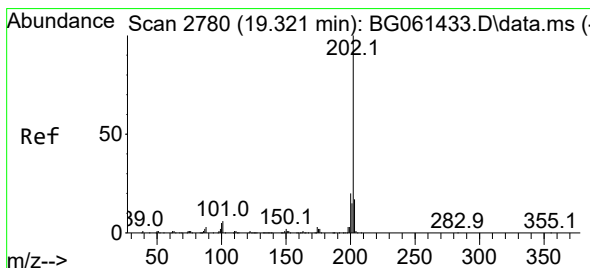
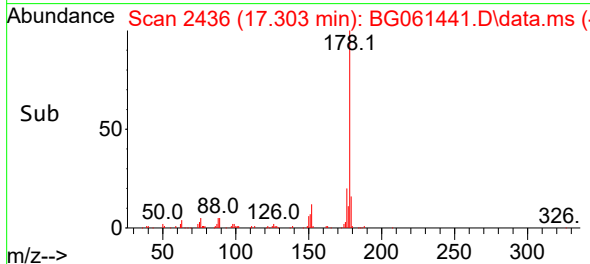
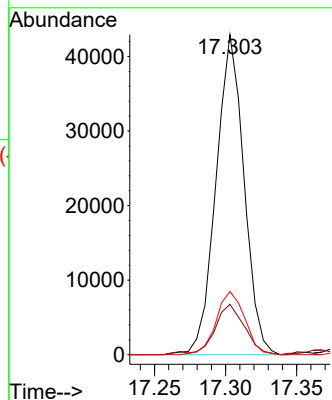
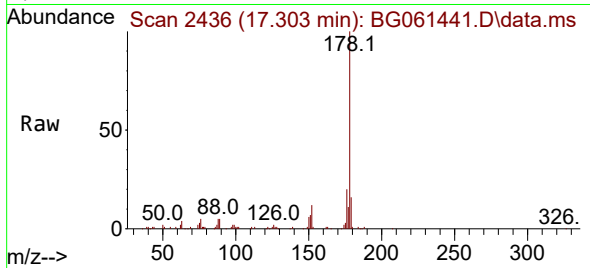
#72
Phenanthrene
Concen: 4.572 ng/ul
RT: 17.303 min Scan# 2437
Delta R.T. 0.004 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

Instrument :
BNA_G
ClientSampleId :
BHBN5

Tgt Ion:178 Resp: 58619
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.7 15.5 23.3

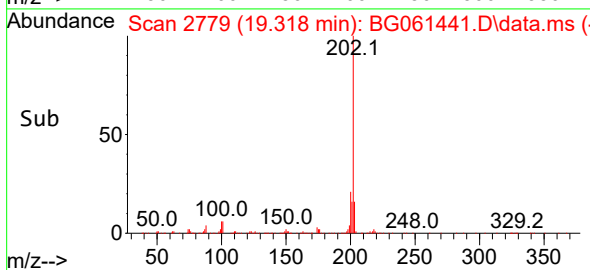
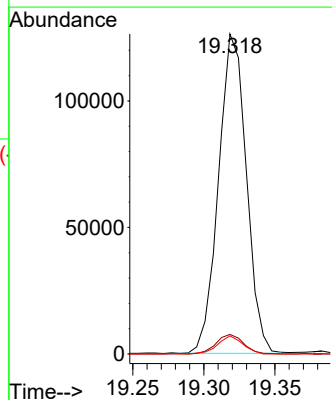
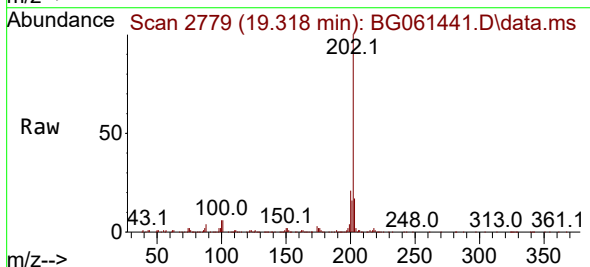
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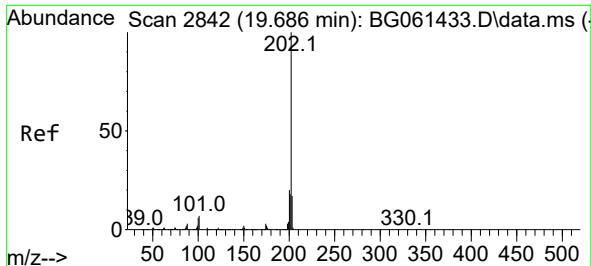
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#80
Fluoranthene
Concen: 9.790 ng/ul
RT: 19.318 min Scan# 2779
Delta R.T. 0.004 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

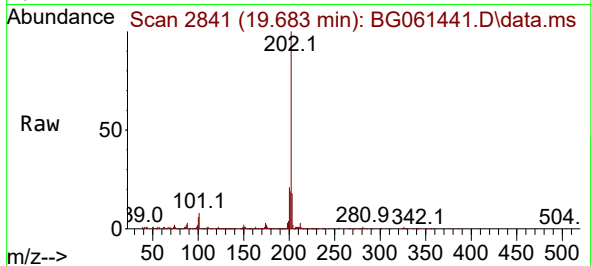
Tgt Ion:202 Resp: 171778
Ion Ratio Lower Upper
202 100
101 6.1 4.8 7.2
100 5.7 4.1 6.1





#82
 Pyrene
 Concen: 8.641 ng/ul
 RT: 19.683 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG061441.D
 Acq: 4 Jun 2024 3:46

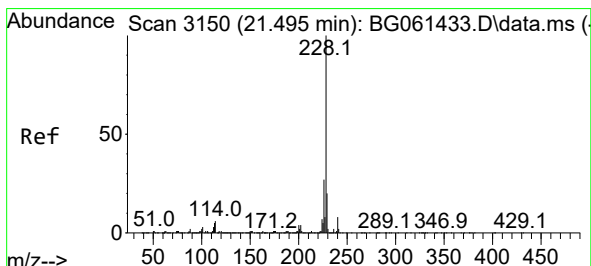
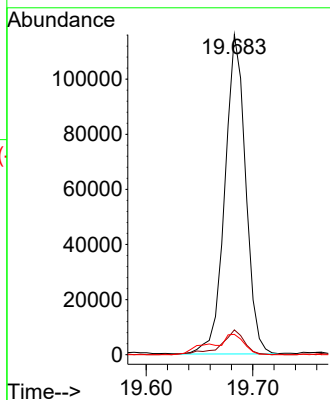
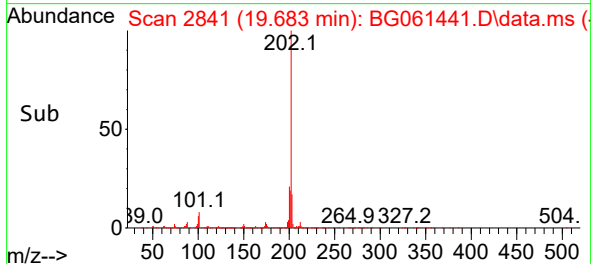
Instrument :
 BNA_G
 ClientSampleId :
 BHBN5



Tgt Ion:202 Resp: 15738
 Ion Ratio Lower Upper
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 101 7.7 5.7 8.5
 100 6.3 5.1 7.7

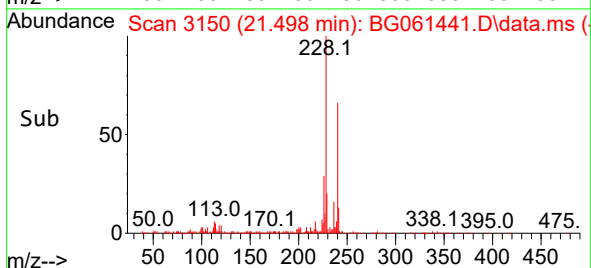
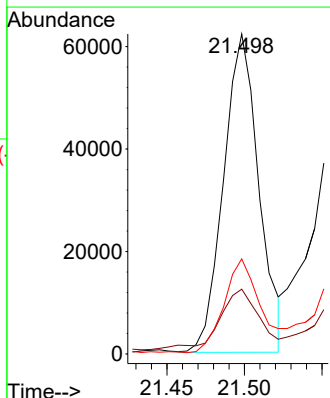
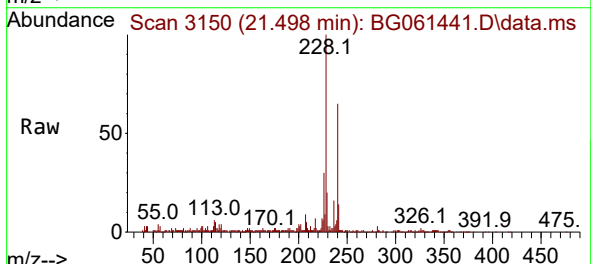
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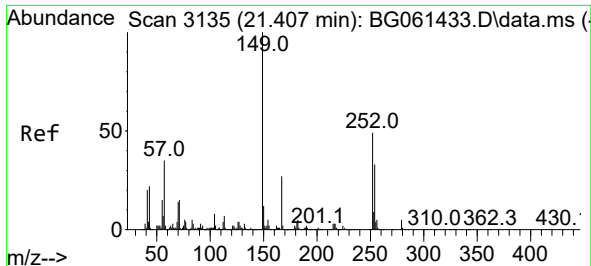
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#85
 Benzo(a)anthracene
 Concen: 5.011 ng/ul
 RT: 21.498 min Scan# 3150
 Delta R.T. 0.004 min
 Lab File: BG061441.D
 Acq: 4 Jun 2024 3:46

Tgt Ion:228 Resp: 98492
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.2 22.8
 226 29.7 21.4 32.2





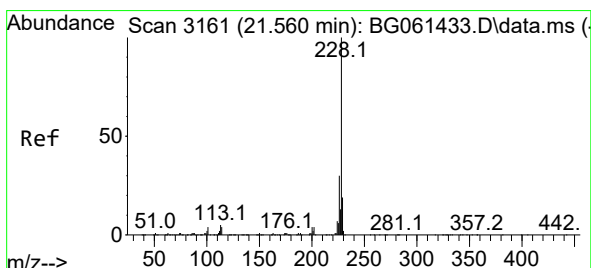
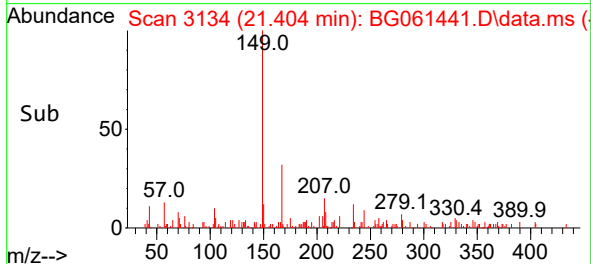
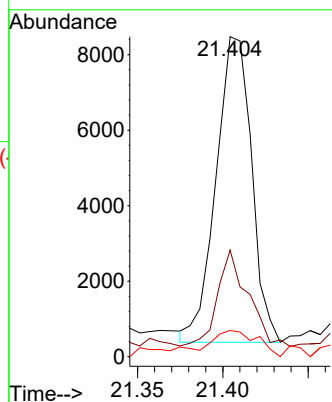
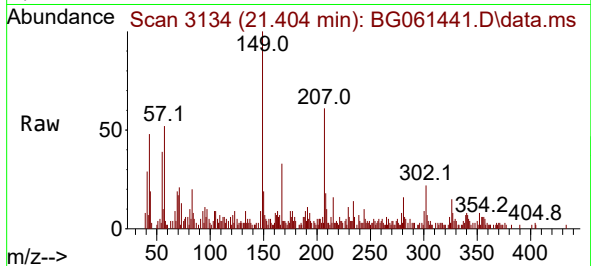
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.268 ng/ul
RT: 21.404 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

Instrument :
BNA_G
ClientSampleId :
BHBN5

Tgt Ion:149 Resp: 1174
Ion Ratio Lower Upper
149 100
167 33.3 21.1 31.7
279 8.2 3.3 4.9

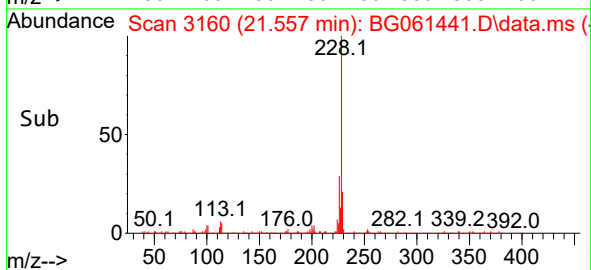
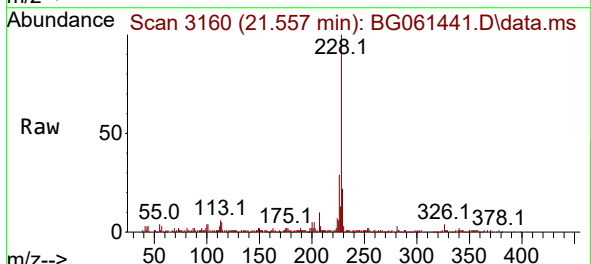
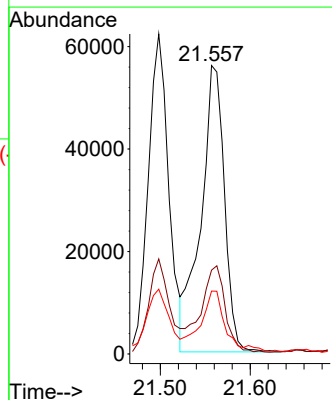
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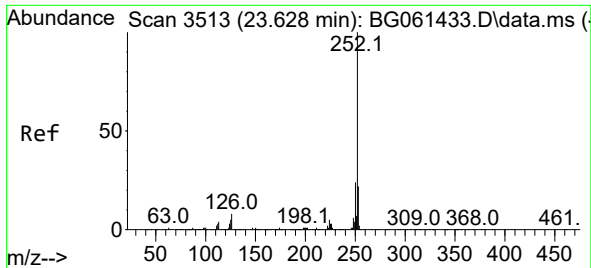
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#87
Chrysene
Concen: 5.651 ng/ul
RT: 21.557 min Scan# 3160
Delta R.T. 0.004 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

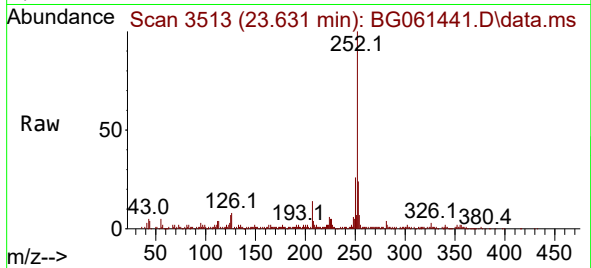
Tgt Ion:228 Resp: 102265
Ion Ratio Lower Upper
228 100
226 29.1 23.4 35.0
229 21.8 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 7.512 ng/ul
RT: 23.631 min Scan# 3513
Delta R.T. 0.015 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

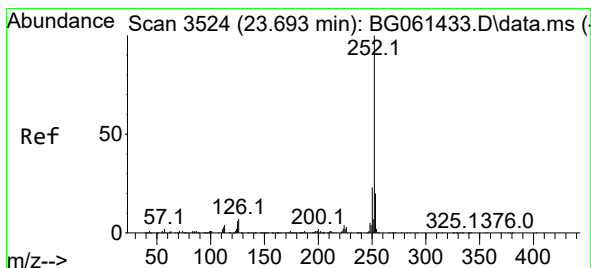
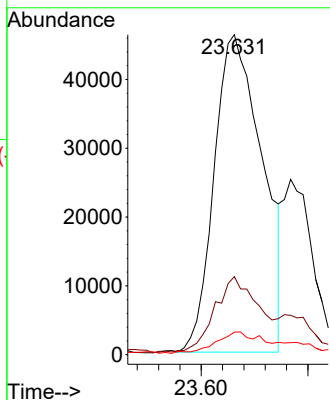
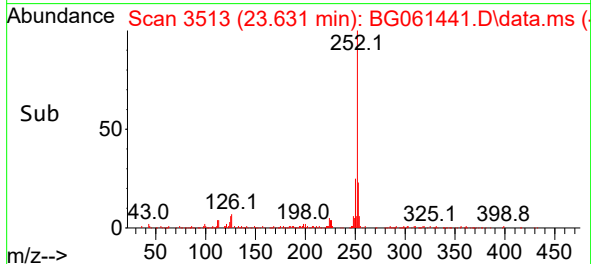
Instrument :
BNA_G
ClientSampleId :
BHBN5



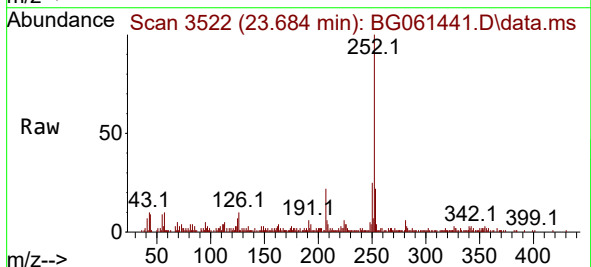
Tgt Ion:252 Resp: 144514
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 7.0 4.6 6.8

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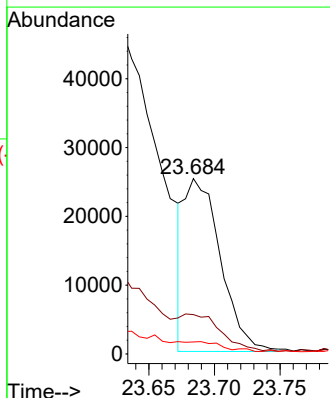
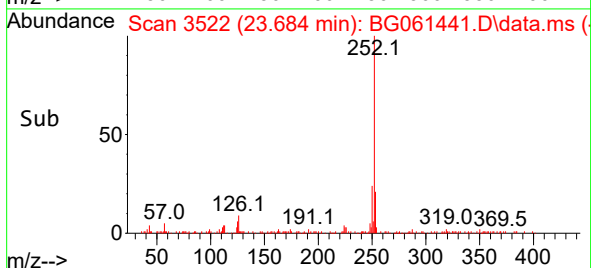
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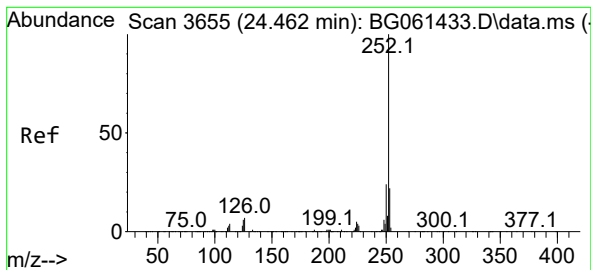


#91
Benzo(k)fluoranthene
Concen: 2.467 ng/ul
RT: 23.684 min Scan# 3522
Delta R.T. 0.004 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46



Tgt Ion:252 Resp: 48187
Ion Ratio Lower Upper
252 100
253 22.5 16.0 24.0
125 6.9 4.3 6.5





#93

Benzo(a)pyrene

Concen: 5.100 ng/ul

RT: 24.459 min Scan# 3654

Delta R.T. 0.010 min

Lab File: BG061441.D

Acq: 4 Jun 2024 3:46

Instrument :

BNA_G

ClientSampleId :

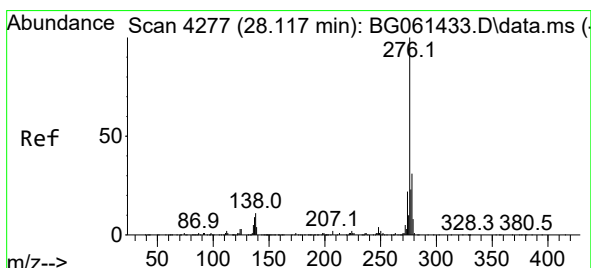
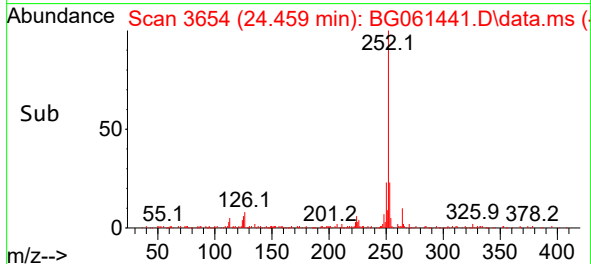
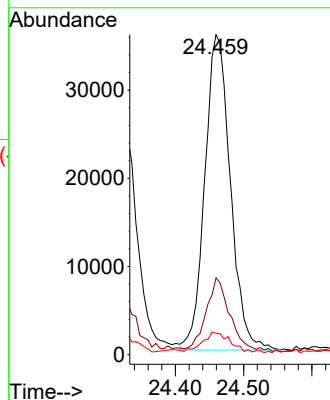
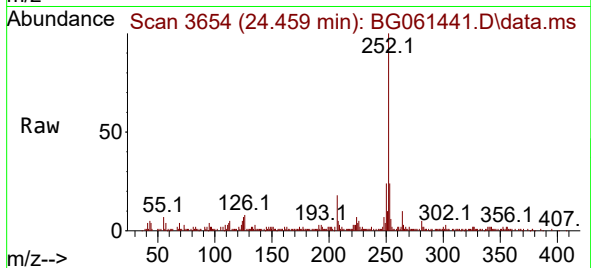
BHBN5

Tgt Ion:252 Resp: 93158
 Ion Ratio Lower Upper
 252 100
 253 24.0 16.4 24.6
 125 6.7 4.3 6.5

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.742 ng/ul m

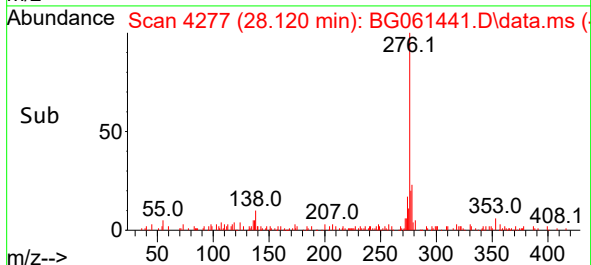
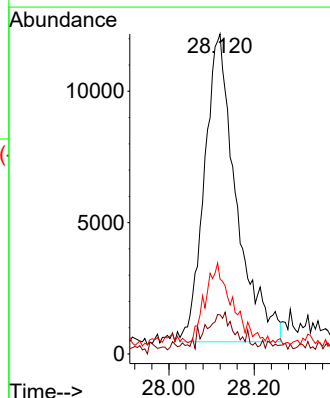
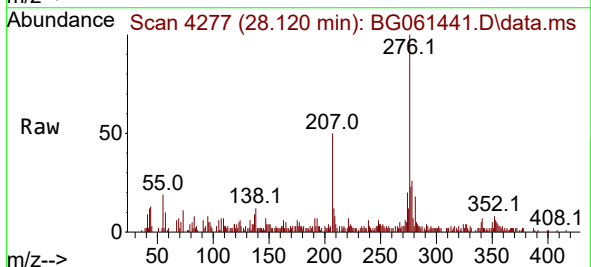
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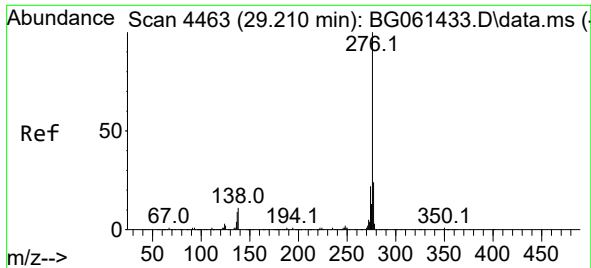
Delta R.T. 0.027 min

Lab File: BG061441.D

Acq: 4 Jun 2024 3:46

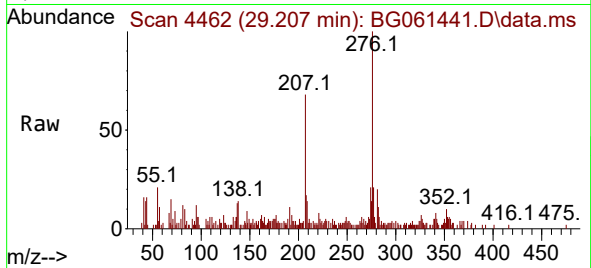
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 Ion Ratio Lower Upper
 276 100
 138 12.3 8.6 13.0
 277 23.4 19.7 29.5





#96
Benzo(g,h,i)perylene
Concen: 3.186 ng/ul m
RT: 29.207 min Scan# 44
Delta R.T. 0.033 min
Lab File: BG061441.D
Acq: 4 Jun 2024 3:46

Instrument :
BNA_G
ClientSampleId :
BHBN5



Tgt Ion:276 Resp: 5599
Ion Ratio Lower Upper
276 100
138 13.5 8.7 13.1
277 21.1 18.2 27.2

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