

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061430.D
 Acq On : 3 Jun 2024 19:33
 Operator : MA/JU
 Sample : P2577-09DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBN7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 04 01:16:44 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	7.877	152	34890	20.000	ng/ul	0.00
20) Naphthalene-d8	10.667	136	122272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	108954	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	270792m	20.000	ng/ul	0.00
79) Chrysene-d12	21.514	240	291767	20.000	ng/ul	0.00
88) Perylene-d12	24.604	264	341232	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.060	99	12568	4.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	8000	4.442	ng/ul	0.00
11) 2-Chlorophenol-d4	7.418	132	10108	4.767	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	10210	4.179	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	5274	5.602	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	5742	5.212	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	10602	4.936	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	6125	2.180	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	43046	5.094	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	47178	5.370	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	2622m	2.510	ng/ul	0.03
60) Fluorene-d10	15.503	176	39788	5.454	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.360	188	68344	5.725	ng/ul	0.00
81) Pyrene-d10	19.651	212	86577	5.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.393	264	94172	5.740	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.575	153	9973	1.561	ng/ul#	92
56) Dibenzofuran	14.910	168	9769	1.069	ng/ul	90
61) Fluorene	15.562	166	13264	1.678	ng/ul	85
72) Phenanthrene	17.307	178	261703m	19.912	ng/ul	
74) Anthracene	17.395	178	51484	3.789	ng/ul	98
77) Carbazole	17.665	167	22875m	2.070	ng/ul	
80) Fluoranthene	19.322	202	436363	24.281	ng/ul	99
82) Pyrene	19.680	202	385914	20.687	ng/ul	100
85) Benzo(a)anthracene	21.496	228	220963	10.976	ng/ul	98
87) Chrysene	21.561	228	219918	11.864	ng/ul	97
90) Benzo(b)fluoranthene	23.629	252	266791	13.132	ng/ul	97
91) Benzo(k)fluoranthene	23.688	252	92025m	4.462	ng/ul	
93) Benzo(a)pyrene	24.457	252	194516	10.083	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.106	276	123637m	5.299	ng/ul	
95) Dibenzo(a,h)anthracene	28.147	278	37273m	1.938	ng/ul	
96) Benzo(g,h,i)perylene	29.193	276	107346m	5.784	ng/ul	

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

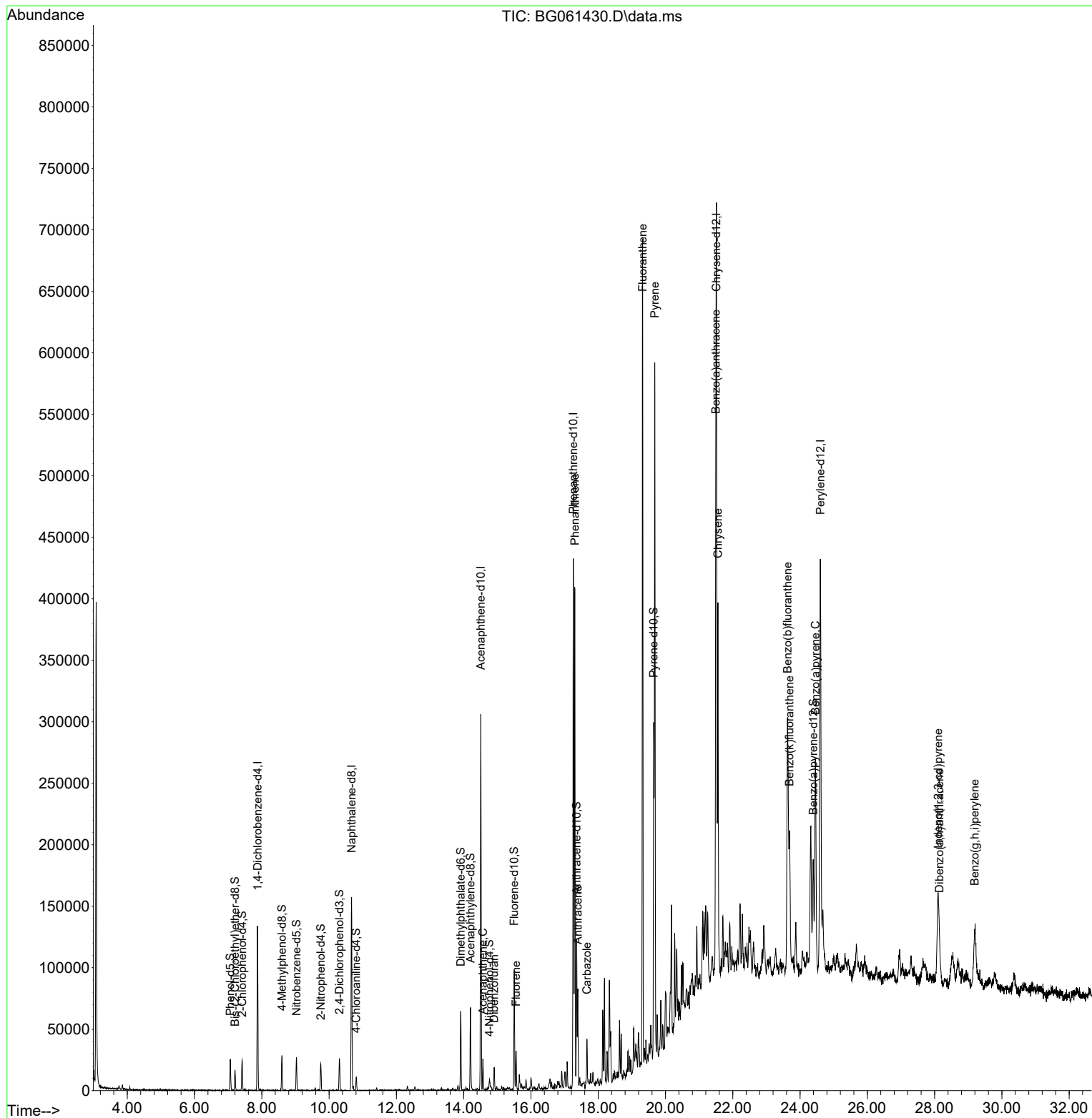
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061430.D
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 ALS Vial : 13 Sample Multiplier: 1

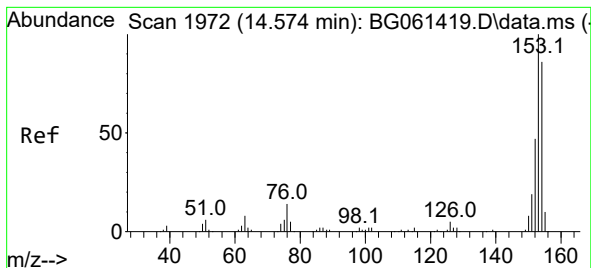
Instrument :
 BNA_G
 ClientSampleId :
 BHBN7DL

Quant Time: Jun 04 01:16:44 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

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#52

Acenaphthene

Concen: 1.561 ng/ul

RT: 14.575 min Scan# 1972

Delta R.T. 0.002 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Instrument :

BNA_G

ClientSampleId :

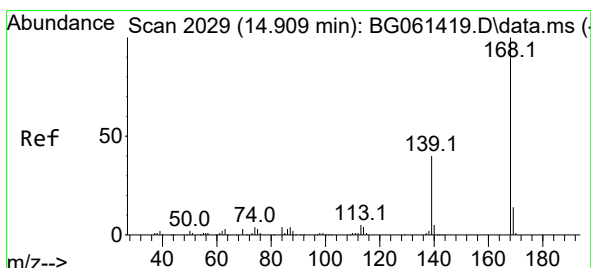
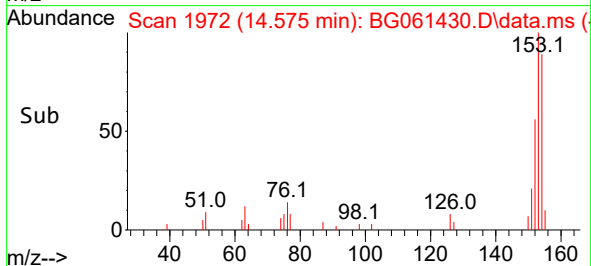
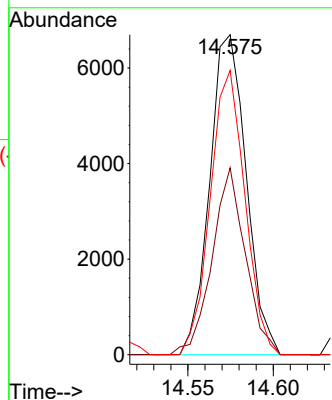
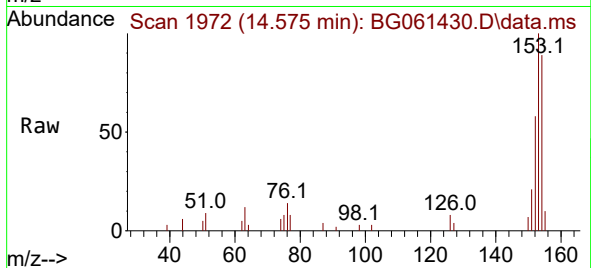
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Tgt Ion:153 Resp: 997
 Ion Ratio Lower Upper
 153 100
 152 58.4 37.8 56.8
 154 88.8 69.0 103.6

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 Supervised By :mohammad ahmed 06/05/2024



#56

Dibenzofuran

Concen: 1.069 ng/ul

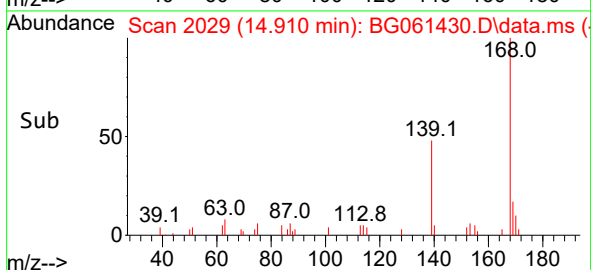
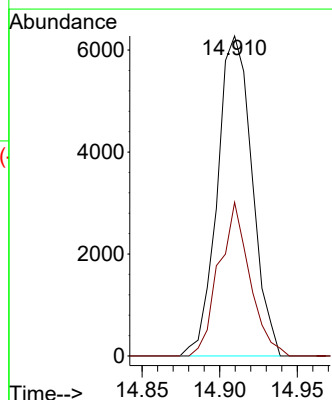
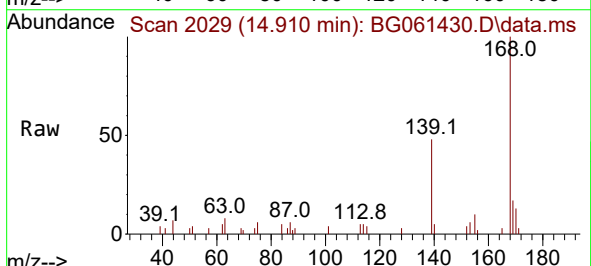
RT: 14.910 min Scan# 2029

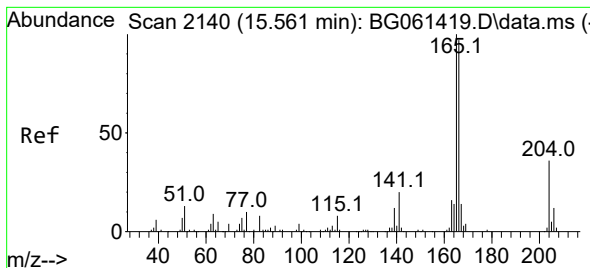
Delta R.T. 0.002 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Tgt Ion:168 Resp: 9769
 Ion Ratio Lower Upper
 168 100
 139 48.0 33.4 50.2





#61

Fluorene

Concen: 1.678 ng/ul

RT: 15.562 min Scan# 2140

Delta R.T. 0.002 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Instrument :

BNA_G

ClientSampleId :

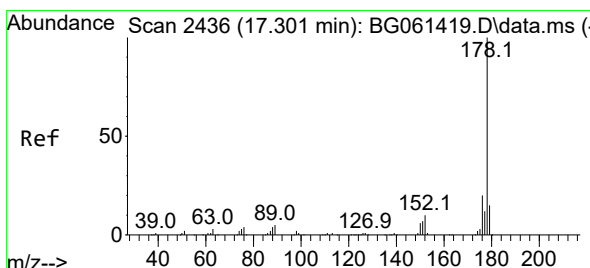
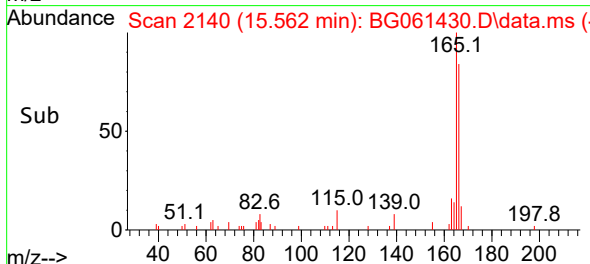
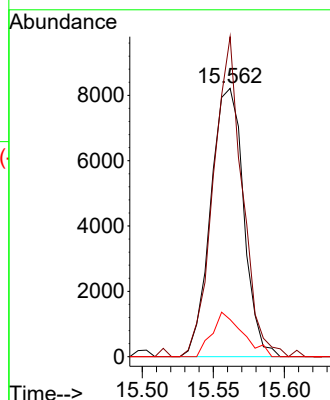
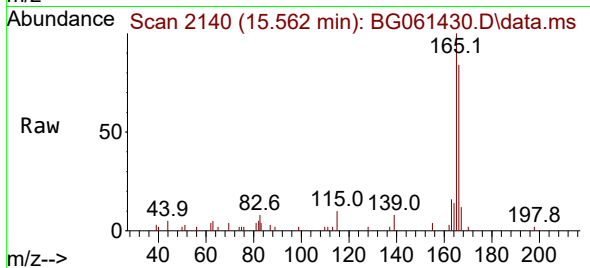
BHBN7DL

Tgt Ion:	166	Resp:	13264
Ion Ratio	Lower	Upper	
166	100		
165	119.2	81.8	122.8
167	13.8	10.6	16.0

Manual Integrations

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#72

Phenanthrene

Concen: 19.912 ng/ul m

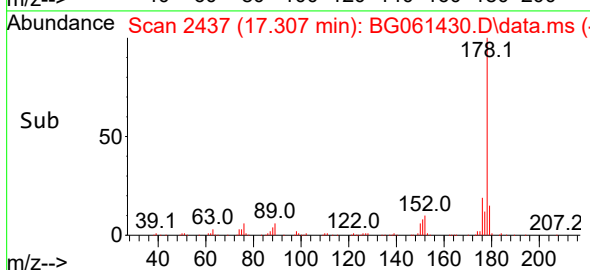
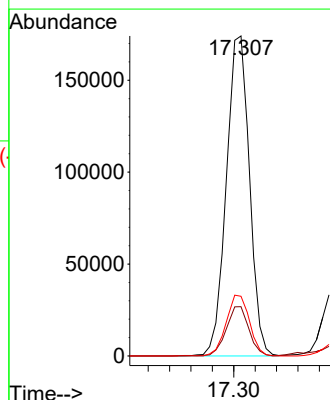
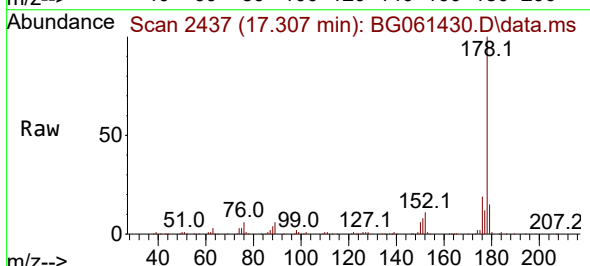
RT: 17.307 min Scan# 2437

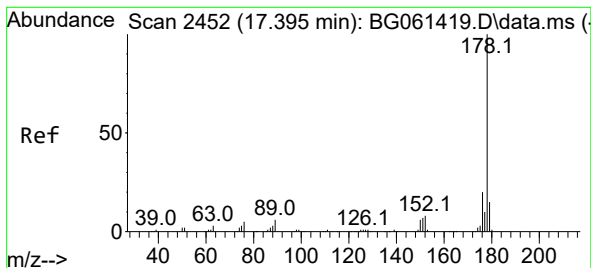
Delta R.T. 0.007 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Tgt Ion:	178	Resp:	261703
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.7	19.1
176	18.7	15.5	23.3





#74

Anthracene

Concen: 3.789 ng/ul

RT: 17.395 min Scan# 2452

Delta R.T. 0.002 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Instrument :

BNA_G

ClientSampleId :

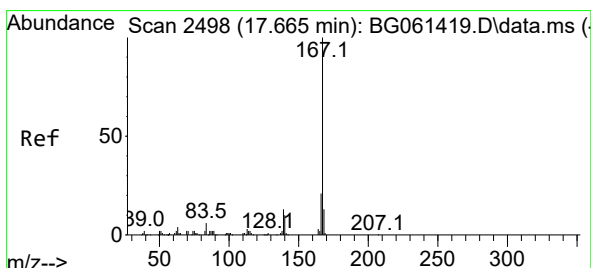
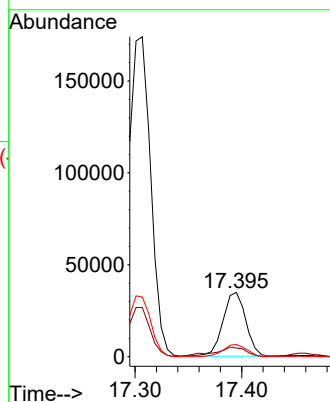
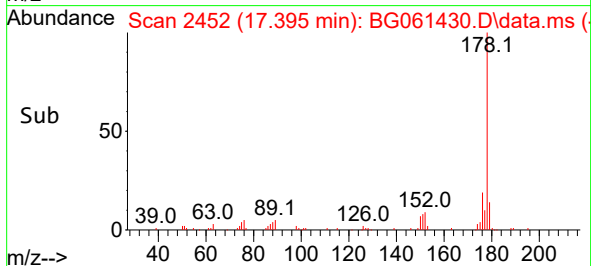
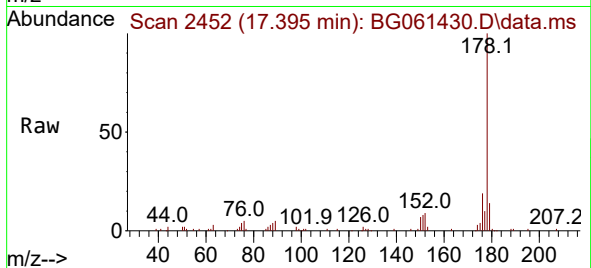
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Tgt Ion:178	Resp:	51484
Ion Ratio	Lower	Upper
178	100	
179	13.5	11.8 17.6
176	19.0	14.9 22.3

Manual Integrations

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#77

Carbazole

Concen: 2.070 ng/ul m

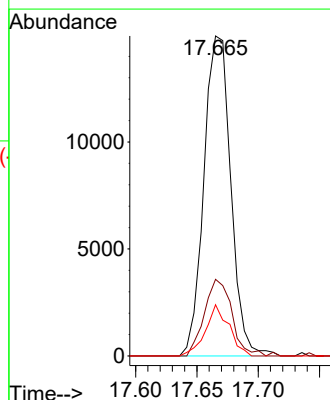
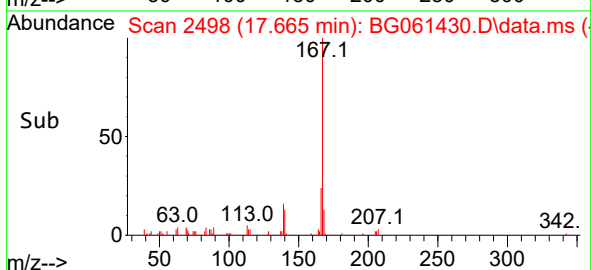
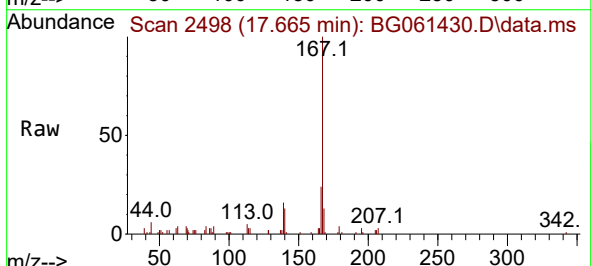
RT: 17.665 min Scan# 2498

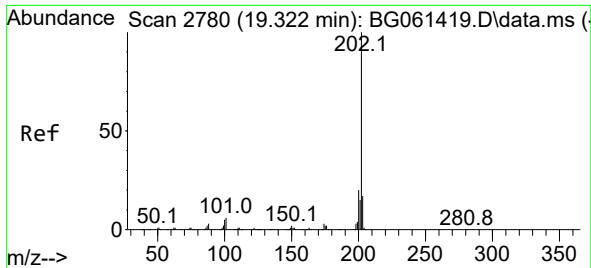
Delta R.T. 0.002 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

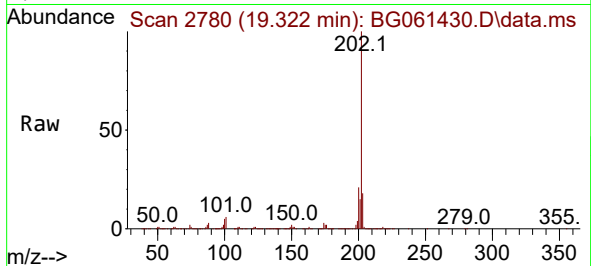
Tgt Ion:167	Resp:	22875
Ion Ratio	Lower	Upper
167	100	
166	24.0	18.6 28.0
139	16.0	10.6 15.8#





#80
Fluoranthene
Concen: 24.281 ng/ul
RT: 19.322 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33

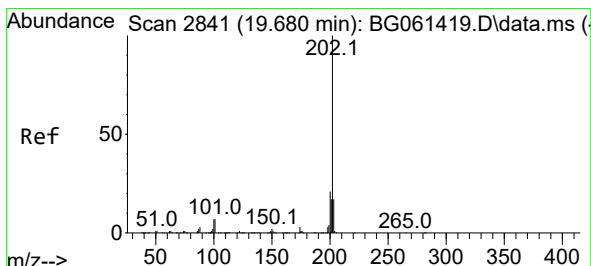
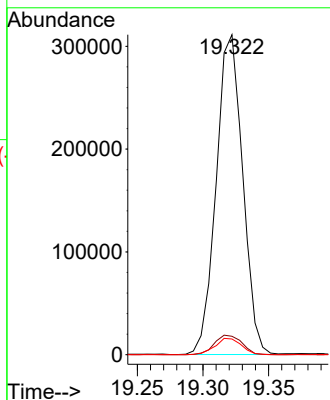
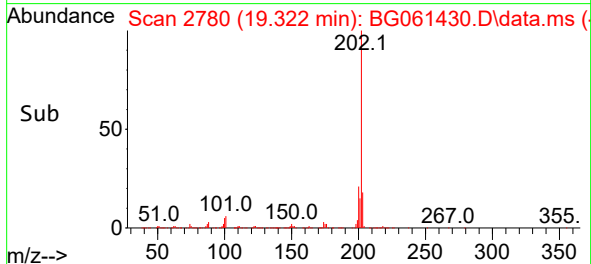
Instrument :
BNA_G
ClientSampleId :
BHBN7DL



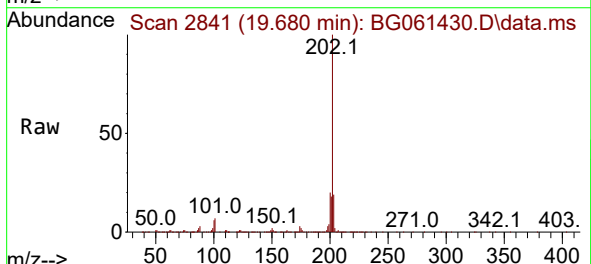
Tgt Ion:202 Resp: 43636
Ion Ratio Lower Upper
202 100
101 5.8 4.8 7.2
100 4.9 4.1 6.1

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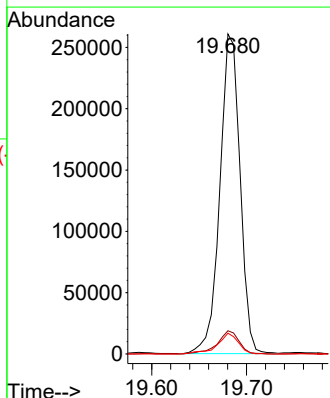
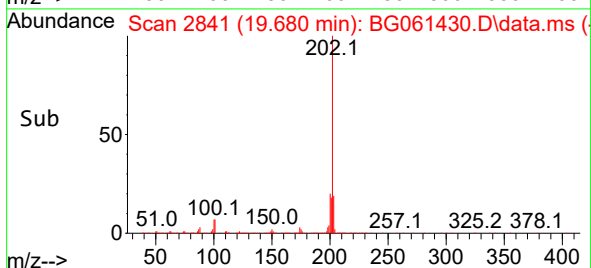
Reviewed By :Jagrut Upadhyay 06/04/2024
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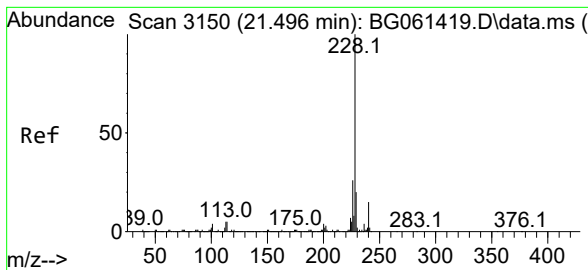


#82
Pyrene
Concen: 20.687 ng/ul
RT: 19.680 min Scan# 2841
Delta R.T. 0.002 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33



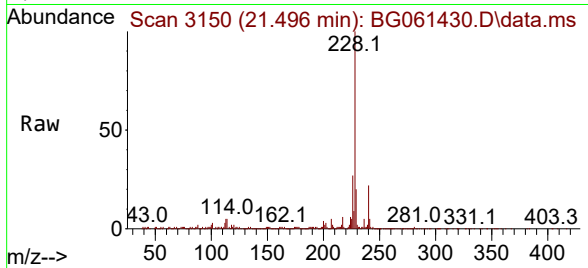
Tgt Ion:202 Resp: 385914
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 6.5 5.1 7.7





#85
Benzo(a)anthracene
Concen: 10.976 ng/ul
RT: 21.496 min Scan# 3150
Delta R.T. 0.002 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33

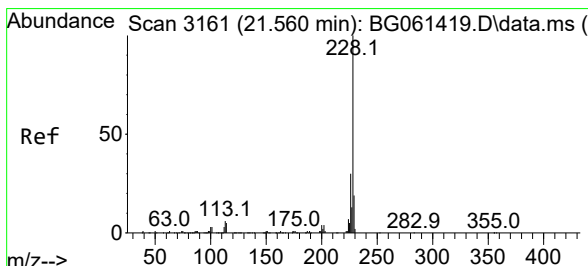
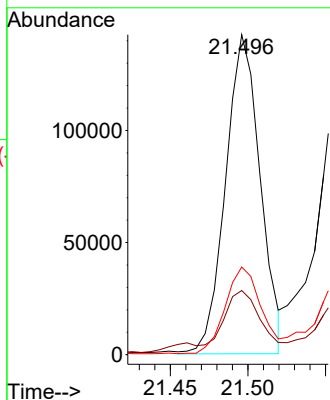
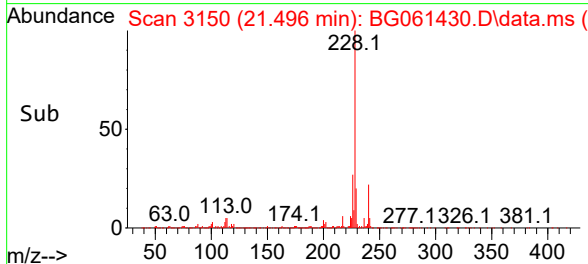
Instrument :
BNA_G
ClientSampleId :
BHBN7DL



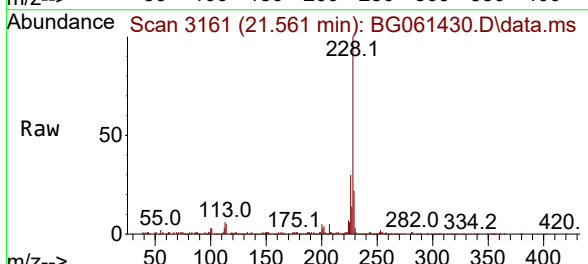
Tgt Ion:228 Resp: 22096
Ion Ratio Lower Upper
228 100
229 20.1 15.2 22.8
226 27.4 21.4 32.2

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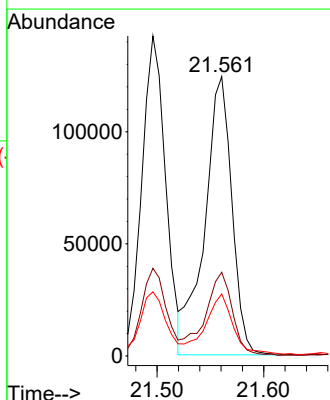
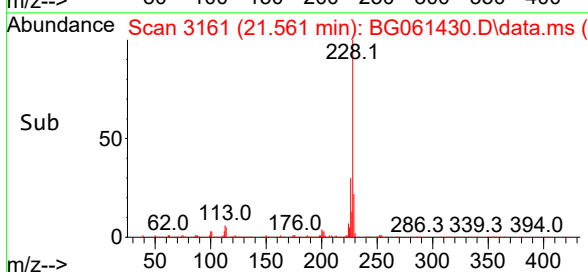
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

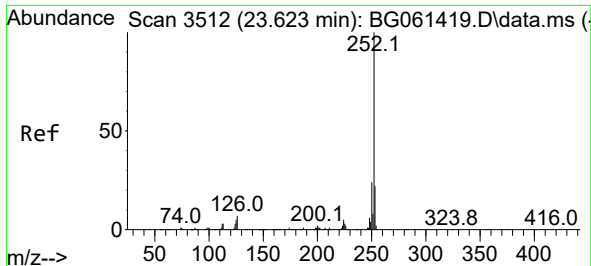


#87
Chrysene
Concen: 11.864 ng/ul
RT: 21.561 min Scan# 3161
Delta R.T. 0.007 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33



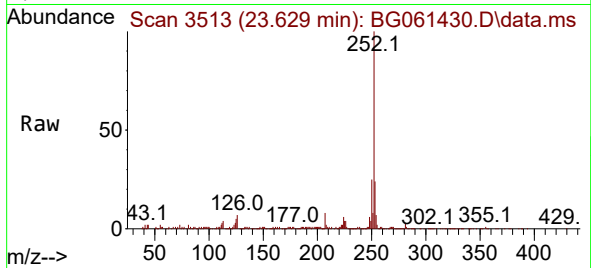
Tgt Ion:228 Resp: 219918
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.0
229 22.2 15.4 23.2





#90
Benzo(b)fluoranthene
Concen: 13.132 ng/ul
RT: 23.629 min Scan# 3512
Delta R.T. 0.013 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33

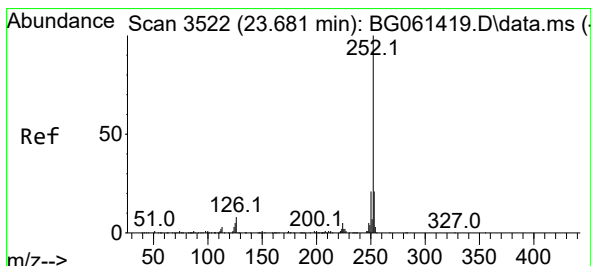
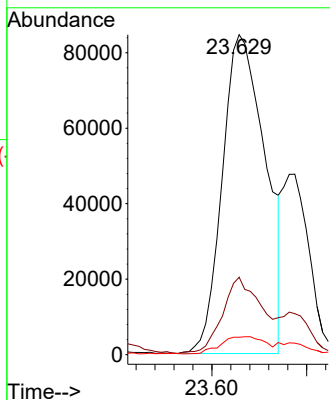
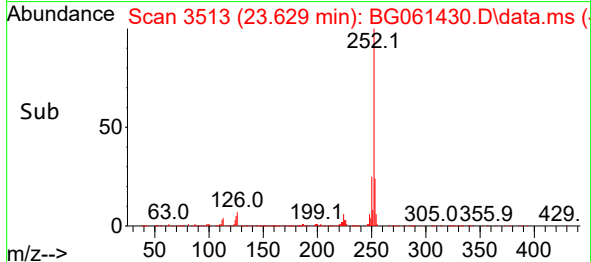
Instrument :
BNA_G
ClientSampleId :
BHBN7DL



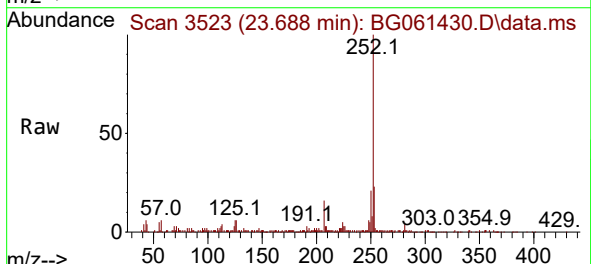
Tgt Ion:252 Resp: 26679
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 5.4 4.6 6.8

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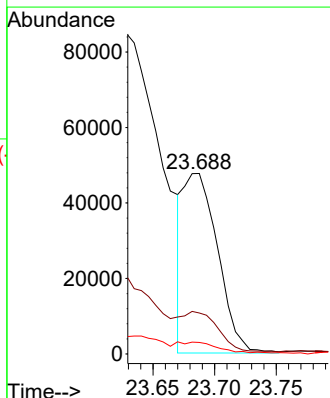
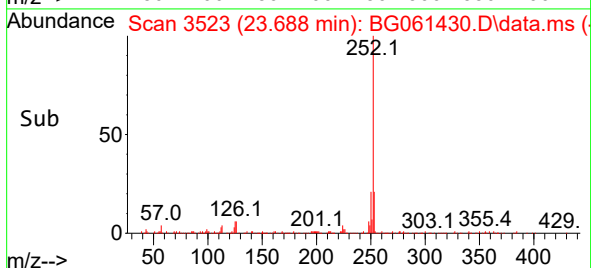
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

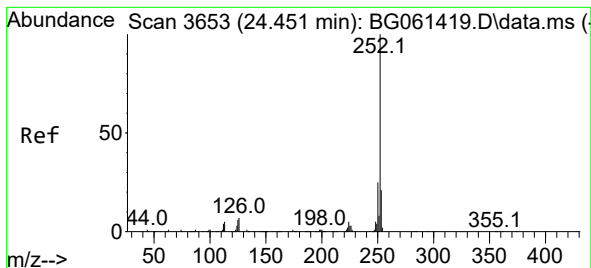


#91
Benzo(k)fluoranthene
Concen: 4.462 ng/ul m
RT: 23.688 min Scan# 3523
Delta R.T. 0.007 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33



Tgt Ion:252 Resp: 92025
Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 6.4 4.3 6.5





#93

Benzo(a)pyrene

Concen: 10.083 ng/ul

RT: 24.457 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Instrument :

BNA_G

ClientSampleId :

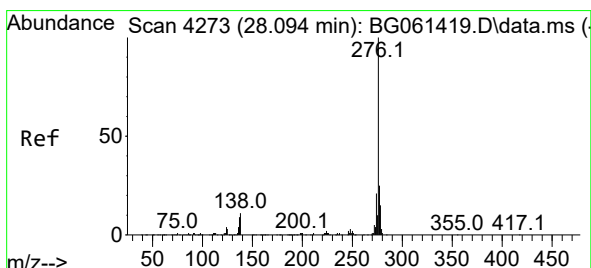
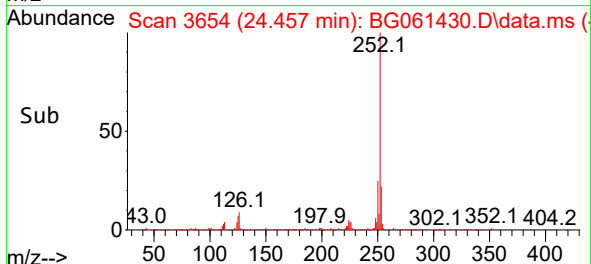
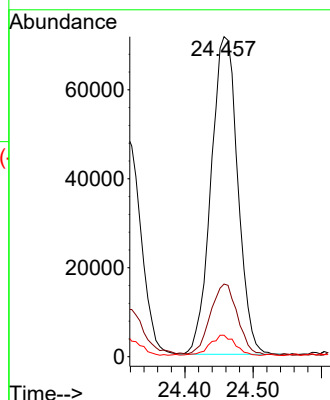
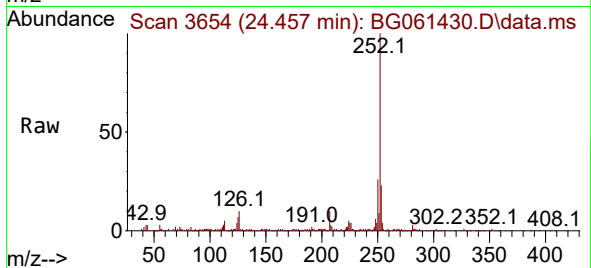
BHBN7DL

Tgt Ion:252 Resp: 194510
 Ion Ratio Lower Upper
 252 100
 253 22.7 16.4 24.6
 125 6.7 4.3 6.5

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.299 ng/ul m

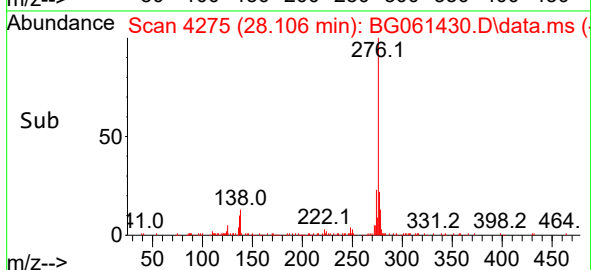
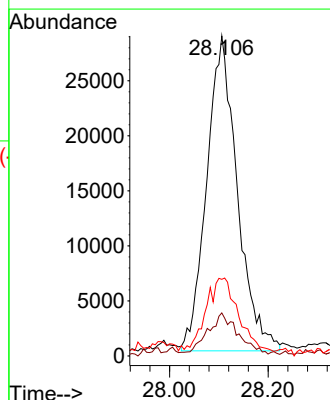
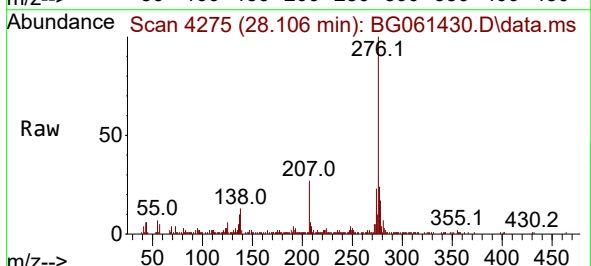
RT: 28.106 min Scan# 4275

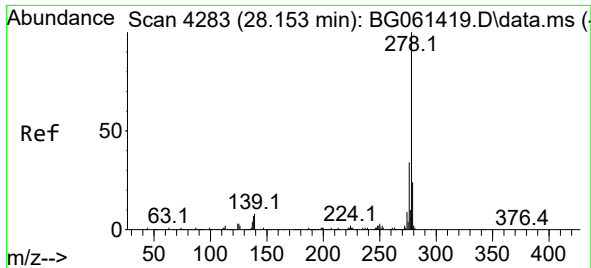
Delta R.T. 0.013 min

Lab File: BG061430.D

Acq: 3 Jun 2024 19:33

Tgt Ion:276 Resp: 123637
 Ion Ratio Lower Upper
 276 100
 138 13.5 8.6 13.0#
 277 23.9 19.7 29.5





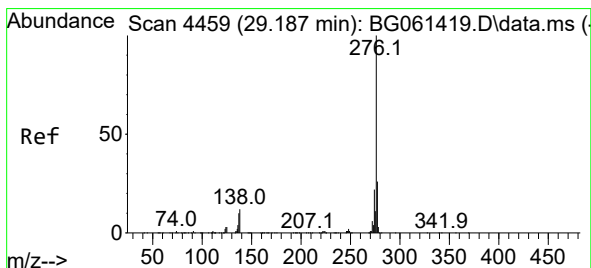
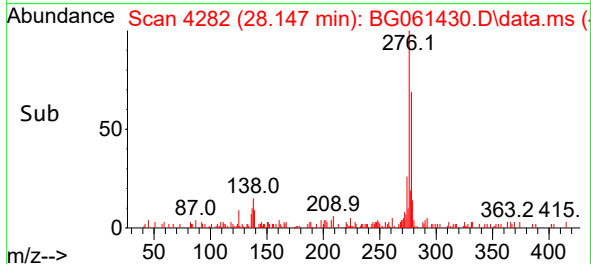
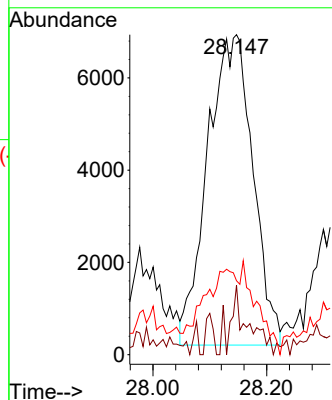
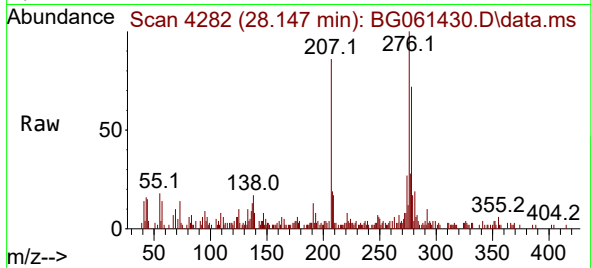
#95
Dibenzo(a,h)anthracene
Concen: 1.938 ng/ul m
RT: 28.147 min Scan# 4283
Delta R.T. 0.007 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

Tgt Ion:278 Resp: 3727
Ion Ratio Lower Upper
278 100
139 10.9 6.4 9.6
279 23.1 19.9 29.9

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 5.784 ng/ul m
RT: 29.193 min Scan# 4460
Delta R.T. 0.019 min
Lab File: BG061430.D
Acq: 3 Jun 2024 19:33

Tgt Ion:276 Resp: 107346
Ion Ratio Lower Upper
276 100
138 11.3 8.7 13.1
277 23.2 18.2 27.2

