

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061381.D
 Acq On : 31 May 2024 6:08
 Operator : MA/JU
 Sample : P2570-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH6B8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 06:44:58 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	7.871	152	26217	20.000	ng/u1	0.00
20) Naphthalene-d8	10.668	136	101302	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.511	164	76523	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.254	188	173765	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.508	240	176561	20.000	ng/u1	0.00
88) Perylene-d12	24.593	264	204243	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	2459	5.249	ng/uL	0.00
4) Pyridine-d5	3.741	84	28747	17.249	ng/u1	0.00
7) Phenol-d5	7.055	99	59092	27.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	39869	29.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.407	132	50602	31.758	ng/u1	0.00
15) 4-Methylphenol-d8	8.588	113	48642	26.496	ng/u1	0.00
21) Nitrobenzene-d5	9.029	128	26839	34.411	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	32338	35.427	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	62391	35.060	ng/u1	0.00
31) 4-Chloroaniline-d4	10.803	131	59068	25.371	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	212607	35.823	ng/u1	0.00
49) Acenaphthylene-d8	14.199	160	233485	37.841	ng/u1	0.00
54) 4-Nitrophenol-d4	14.746	143	15083m	20.556	ng/u1	0.00
60) Fluorene-d10	15.503	176	189736	37.029	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	28251	26.881	ng/u1	0.00
73) Anthracene-d10	17.360	188	309465	40.396	ng/u1	0.00
81) Pyrene-d10	19.652	212	372774	41.120	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.387	264	401180	40.857	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.234	152	10598m	1.549	ng/u1	
72) Phenanthrene	17.301	178	125606	14.893	ng/u1	98
74) Anthracene	17.390	178	24711	2.834	ng/u1	97
77) Carbazole	17.666	167	11140	1.571	ng/u1	98
78) Di-n-butylphthalate	18.224	149	14991	1.687	ng/u1	98
80) Fluoranthene	19.317	202	384079	35.316	ng/u1	100
82) Pyrene	19.681	202	346659	30.708	ng/u1	100
83) Butylbenzylphthalate	20.568	149	6049	1.560	ng/u1	99
85) Benzo(a)anthracene	21.491	228	233223	19.144	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.402	149	33442	5.826	ng/u1	96
87) Chrysene	21.555	228	221240m	19.722	ng/u1	
90) Benzo(b)fluoranthene	23.623	252	280122	23.035	ng/u1	99
91) Benzo(k)fluoranthene	23.676	252	108925m	8.823	ng/u1	
93) Benzo(a)pyrene	24.452	252	200912	17.399	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.083	276	132861	9.514	ng/u1	99
95) Dibenzo(a,h)anthracene	28.112	278	34618m	3.007	ng/u1	
96) Benzo(g,h,i)perylene	29.176	276	133461m	12.014	ng/u1	

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

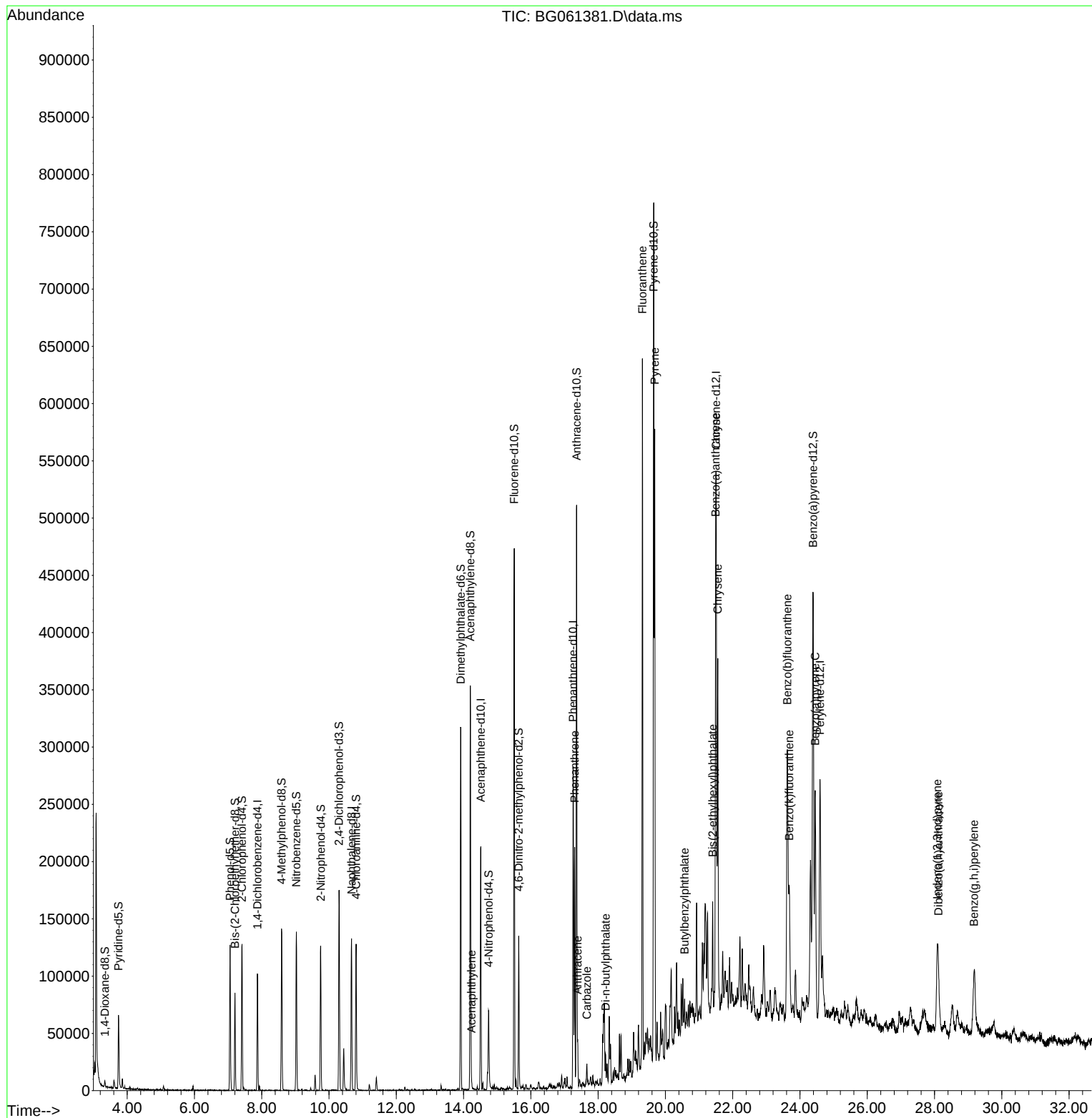
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061381.D
 Acq On : 31 May 2024 6:08
 Operator : MA/JU
 Sample : P2570-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

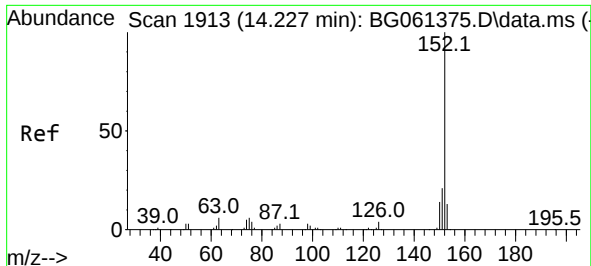
Instrument :
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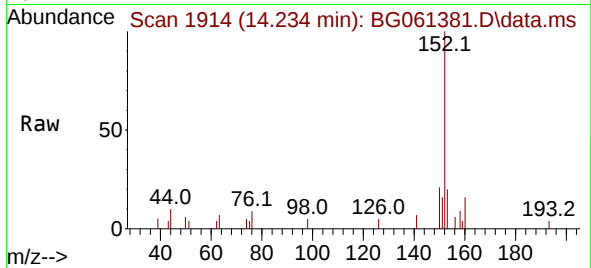
Quant Time: May 31 06:44:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
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#50
Acenaphthylene
Concen: 1.549 ng/ul m
RT: 14.234 min Scan# 1914
Delta R.T. 0.002 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08

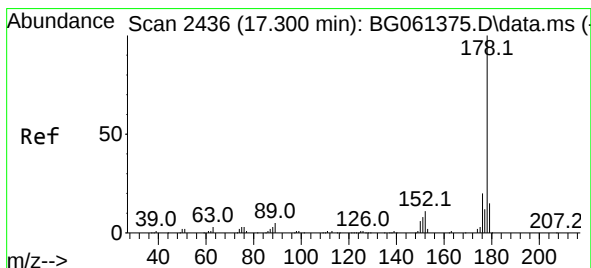
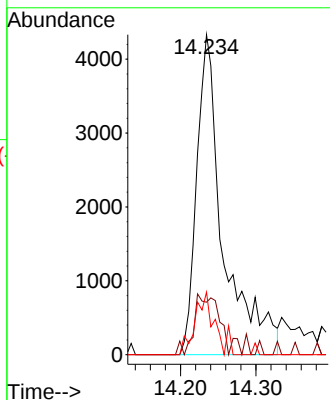
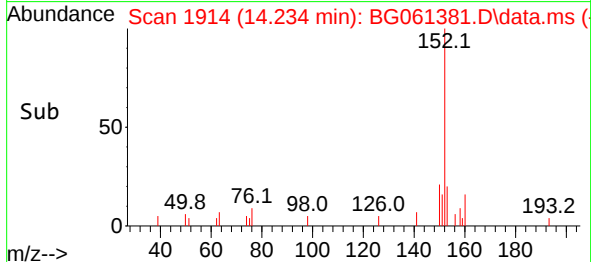
Instrument :
BNA_G
ClientSampleId :
BH6B8



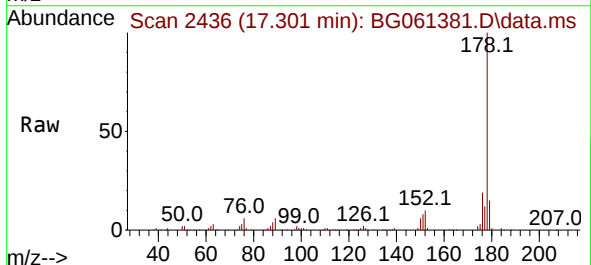
Tgt Ion:152 Resp: 10598
Ion Ratio Lower Upper
152 100
151 16.4 16.2 24.2
153 19.6 10.2 15.4

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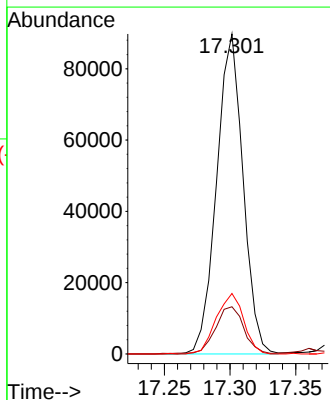
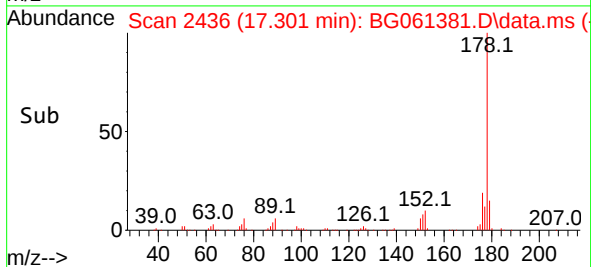
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

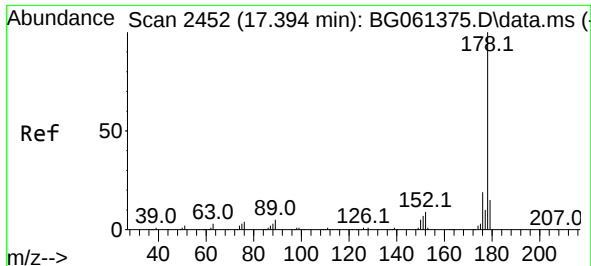


#72
Phenanthrene
Concen: 14.893 ng/ul
RT: 17.301 min Scan# 2436
Delta R.T. 0.002 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08



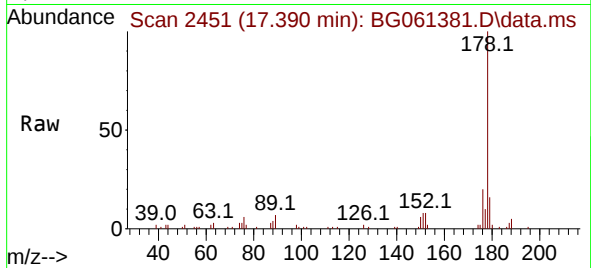
Tgt Ion:178 Resp: 125606
Ion Ratio Lower Upper
178 100
179 14.7 12.7 19.1
176 18.9 15.5 23.3





#74
 Anthracene
 Concen: 2.834 ng/ul
 RT: 17.390 min Scan# 2452
 Delta R.T. -0.004 min
 Lab File: BG061381.D
 Acq: 31 May 2024 6:08

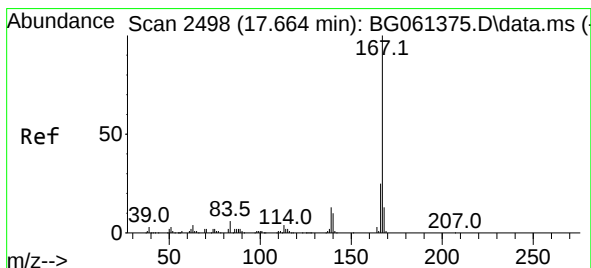
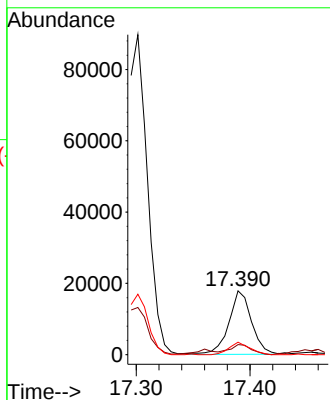
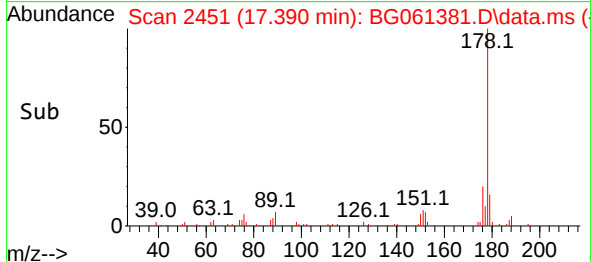
Instrument :
 BNA_G
 ClientSampleId :
 BH6B8



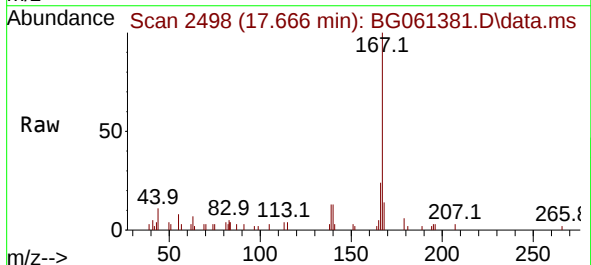
Tgt Ion:178 Resp: 2471
 Ion Ratio Lower Upper
 178 100
 179 15.9 11.8 17.6
 176 19.6 14.9 22.3

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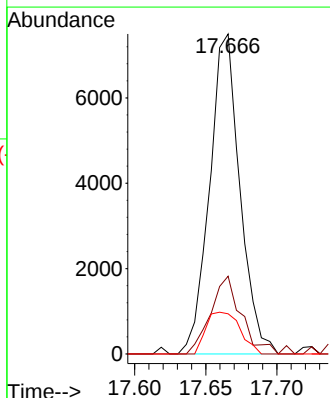
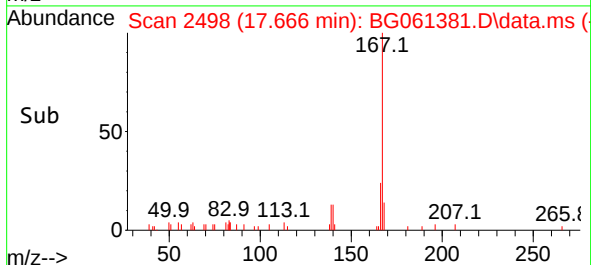
Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

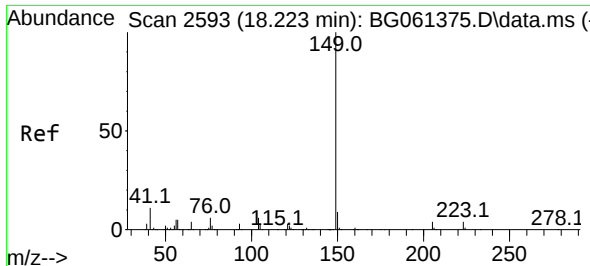


#77
 Carbazole
 Concen: 1.571 ng/ul
 RT: 17.666 min Scan# 2498
 Delta R.T. 0.002 min
 Lab File: BG061381.D
 Acq: 31 May 2024 6:08



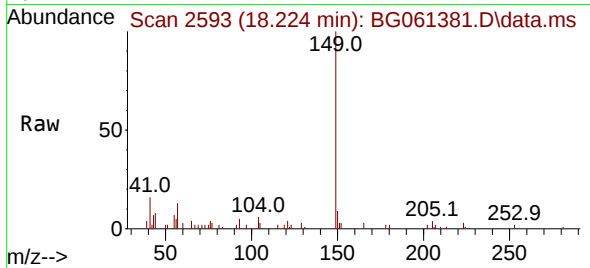
Tgt Ion:167 Resp: 11140
 Ion Ratio Lower Upper
 167 100
 166 24.3 18.6 28.0
 139 12.6 10.6 15.8





#78
Di-n-butylphthalate
Concen: 1.687 ng/ul
RT: 18.224 min Scan# 2593
Delta R.T. 0.002 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08

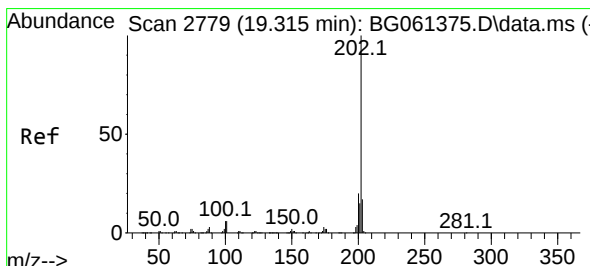
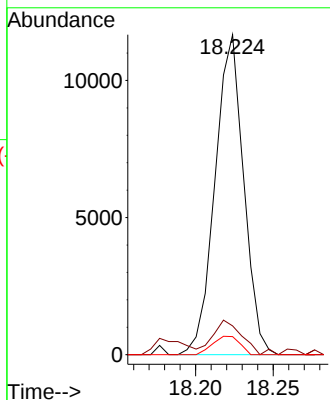
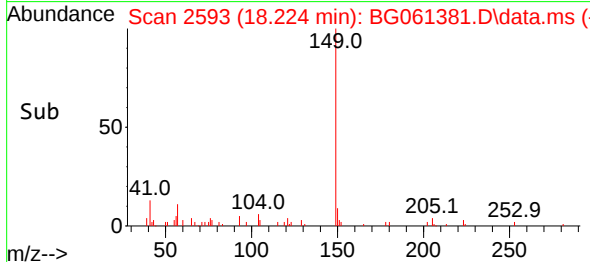
Instrument :
BNA_G
ClientSampleId :
BH6B8



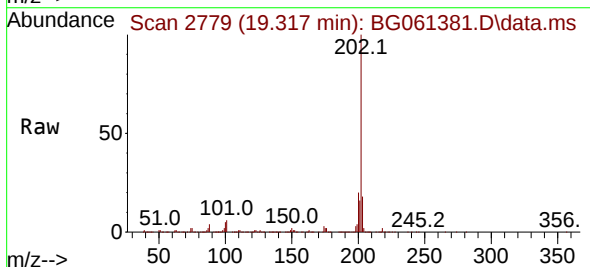
Tgt Ion:149 Resp: 1499
Ion Ratio Lower Upper
149 100
150 9.0 7.8 11.8
104 5.6 4.8 7.2

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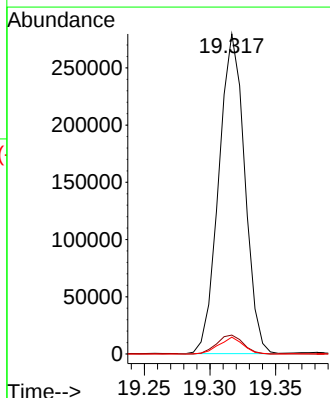
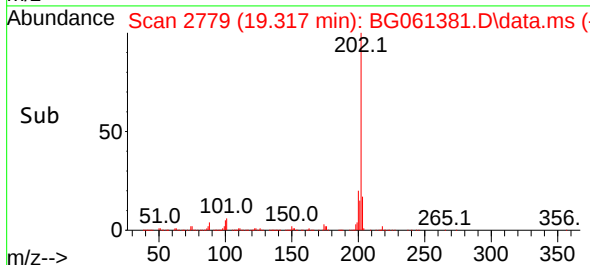
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

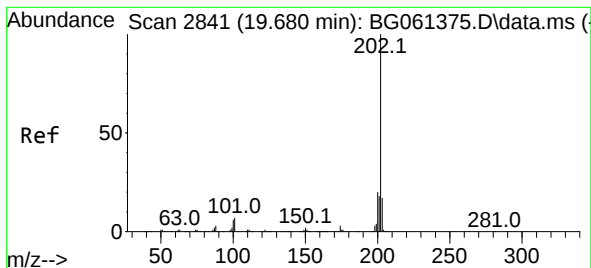


#80
Fluoranthene
Concen: 35.316 ng/ul
RT: 19.317 min Scan# 2779
Delta R.T. 0.002 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08



Tgt Ion:202 Resp: 384079
Ion Ratio Lower Upper
202 100
101 5.9 4.8 7.2
100 5.2 4.1 6.1





#82

Pyrene

Concen: 30.708 ng/ul

RT: 19.681 min Scan# 2841

Delta R.T. 0.002 min

Lab File: BG061381.D

Acq: 31 May 2024 6:08

Instrument :

BNA_G

ClientSampleId :

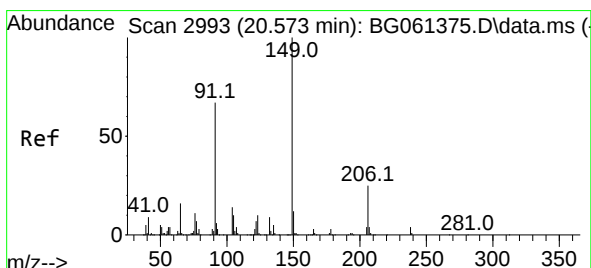
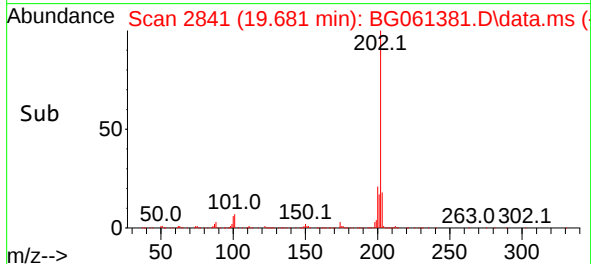
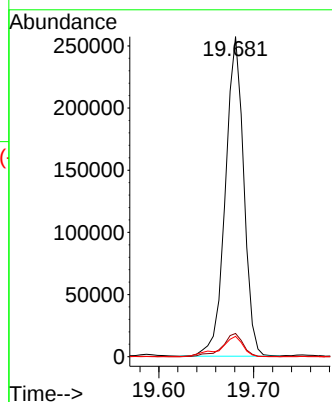
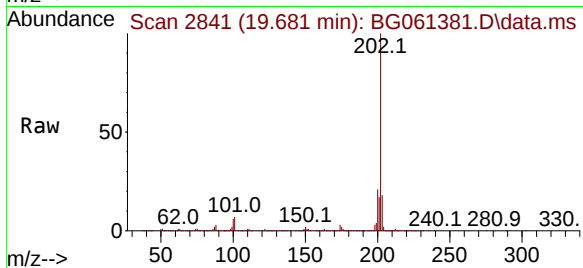
BH6B8

Tgt Ion:	202	Resp:	346659
Ion Ratio	Lower	Upper	
202	100		
101	7.3	5.7	8.5
100	6.3	5.1	7.7

Manual Integrations

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#83

Butylbenzylphthalate

Concen: 1.560 ng/ul

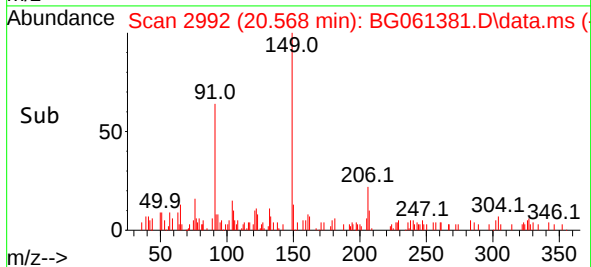
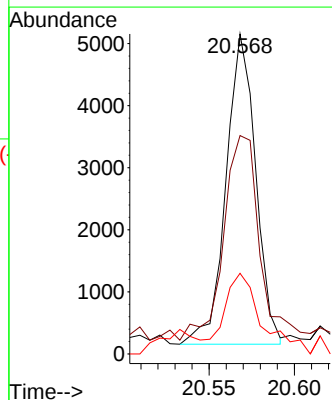
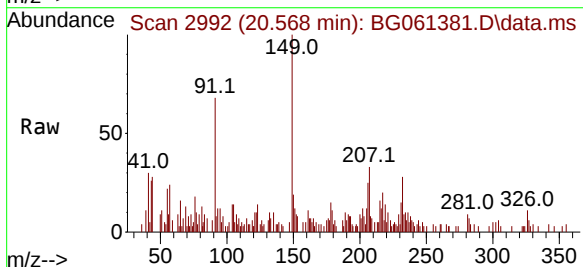
RT: 20.568 min Scan# 2992

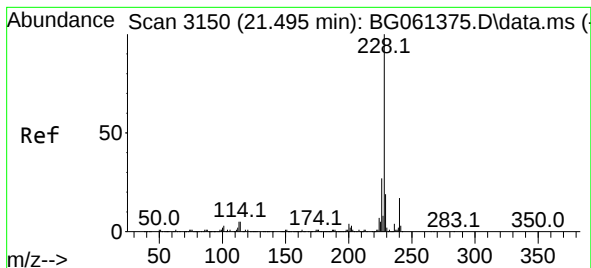
Delta R.T. -0.004 min

Lab File: BG061381.D

Acq: 31 May 2024 6:08

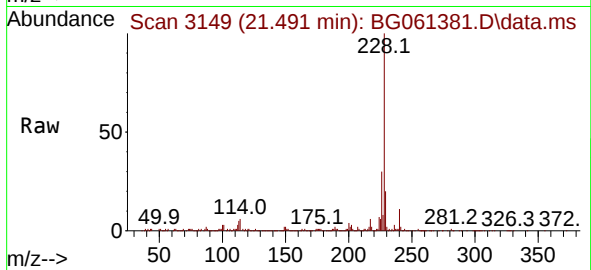
Tgt Ion:	149	Resp:	6049
Ion Ratio	Lower	Upper	
149	100		
91	68.2	54.8	82.2
206	25.2	19.4	29.0





#85
Benzo(a)anthracene
Concen: 19.144 ng/ul
RT: 21.491 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08

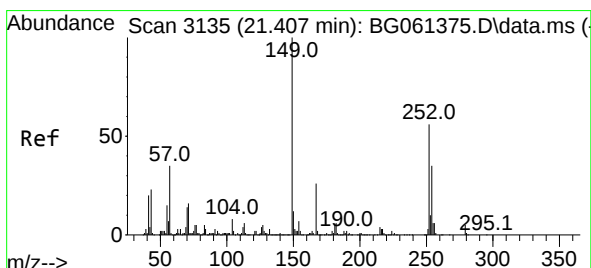
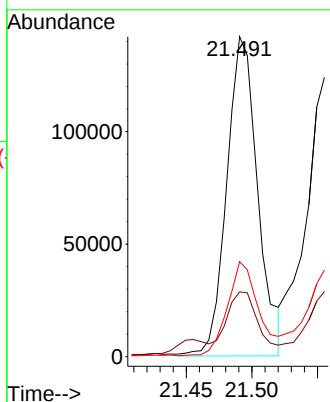
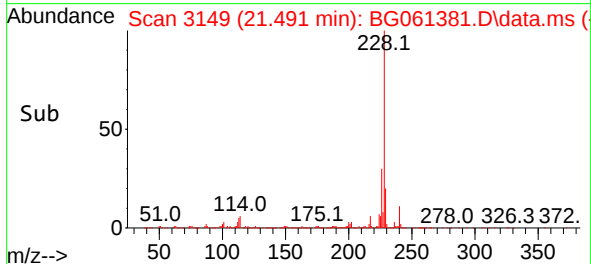
Instrument :
BNA_G
ClientSampleId :
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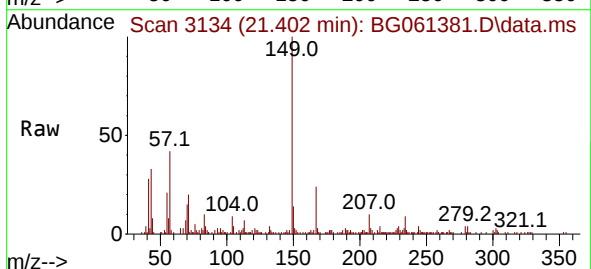
Tgt Ion:228 Resp: 23322
Ion Ratio Lower Upper
228 100
229 20.3 15.2 22.8
226 29.7 21.4 32.2

Manual Integrations
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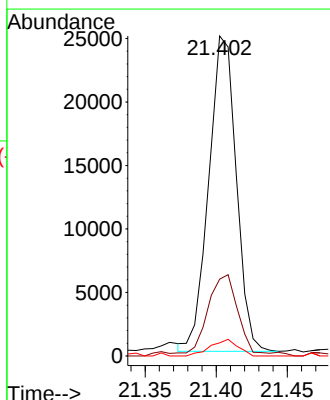
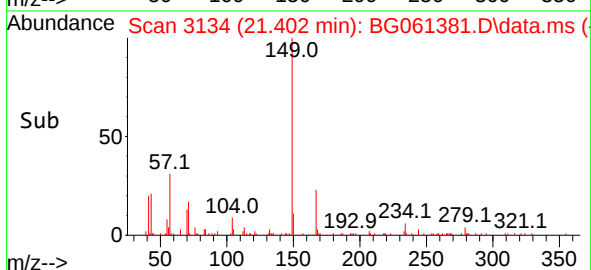
Reviewed By :Jagrut Upadhyay 05/31/2024
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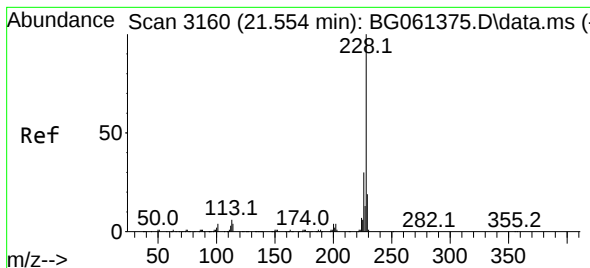


#86
Bis(2-ethylhexyl)phthalate
Concen: 5.826 ng/ul
RT: 21.402 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08



Tgt Ion:149 Resp: 33442
Ion Ratio Lower Upper
149 100
167 24.0 21.1 31.7
279 4.1 3.3 4.9





#87

Chrysene

Concen: 19.722 ng/ul m

RT: 21.555 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG061381.D

Acq: 31 May 2024 6:08

Instrument :

BNA_G

ClientSampleId :

BH6B8

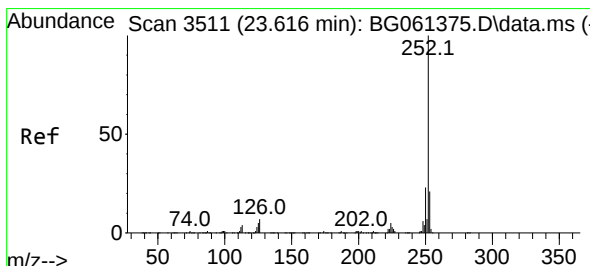
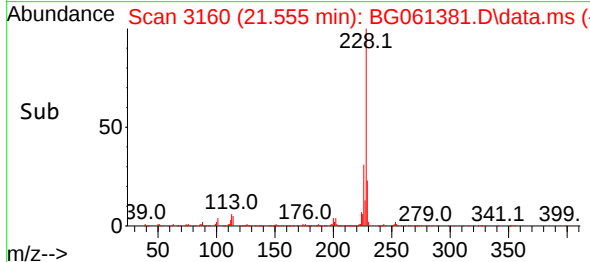
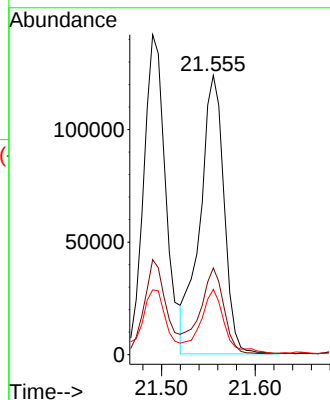
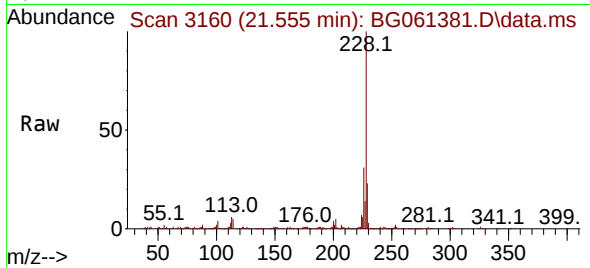
Tgt Ion:228 Resp: 221240

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.4	15.4	23.2

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Supervised By :mohammad ahmed 06/01/2024



#90

Benzo(b)fluoranthene

Concen: 23.035 ng/ul

RT: 23.623 min Scan# 3512

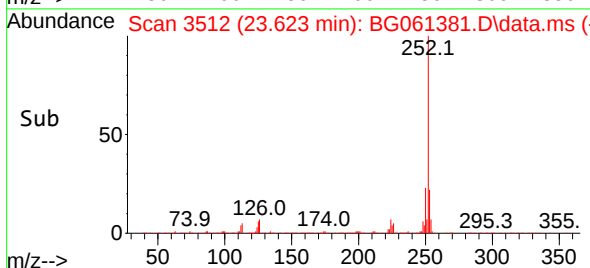
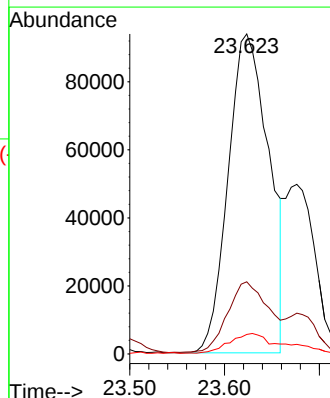
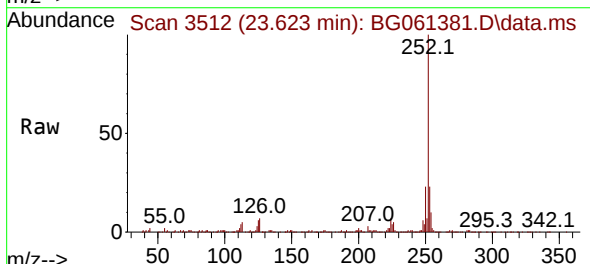
Delta R.T. 0.008 min

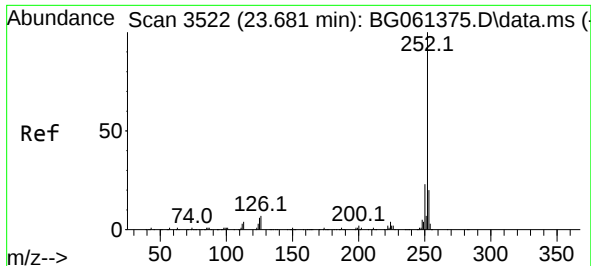
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Tgt Ion:252 Resp: 280122

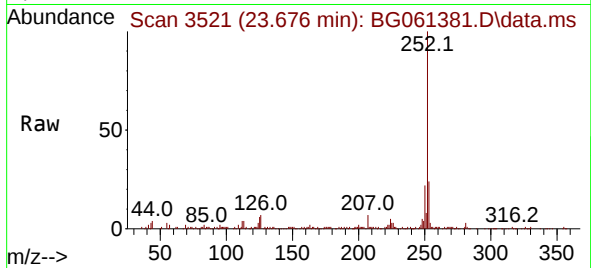
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	6.1	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 8.823 ng/ul m
RT: 23.676 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08

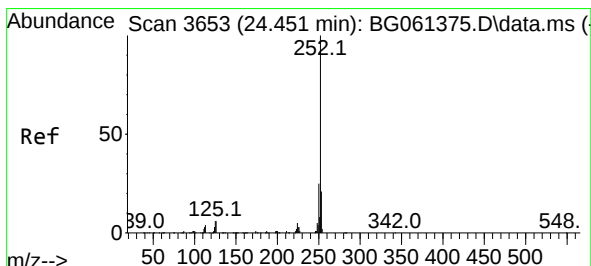
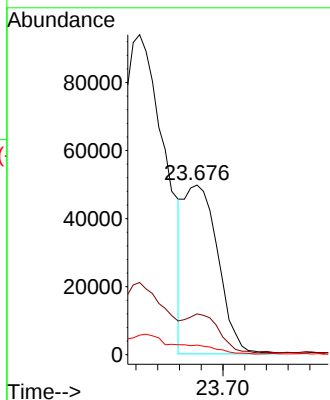
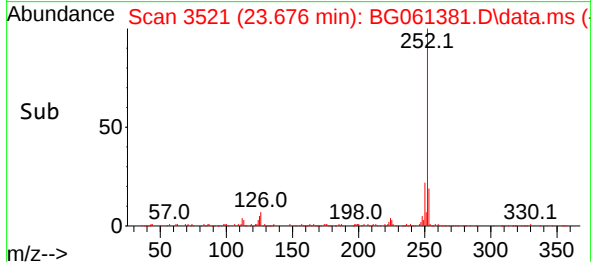
Instrument :
BNA_G
ClientSampleId :
BH6B8



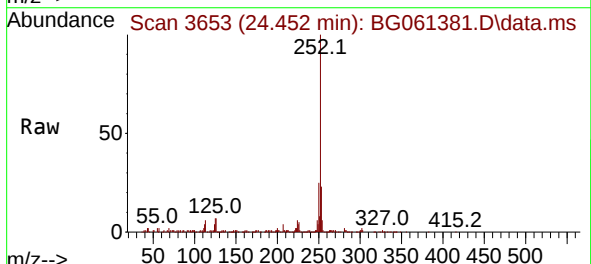
Tgt Ion:252 Resp: 108925
Ion Ratio Lower Upper
252 100
253 24.1 16.0 24.0
125 5.7 4.3 6.5

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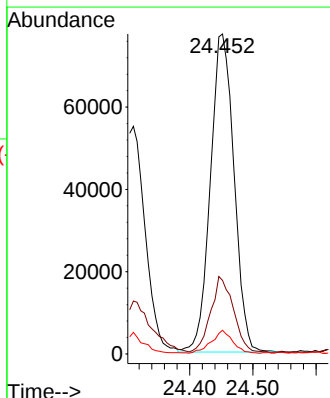
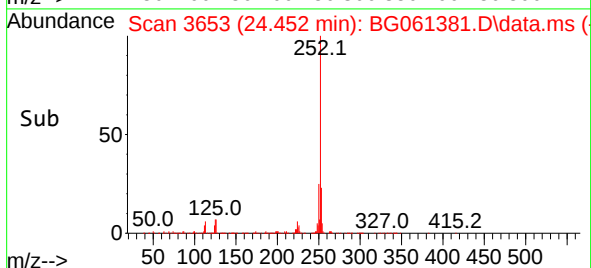
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

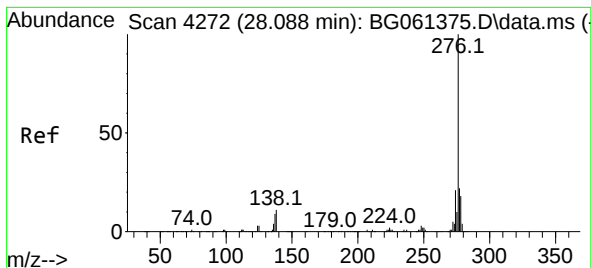


#93
Benzo(a)pyrene
Concen: 17.399 ng/ul
RT: 24.452 min Scan# 3653
Delta R.T. 0.002 min
Lab File: BG061381.D
Acq: 31 May 2024 6:08



Tgt Ion:252 Resp: 200912
Ion Ratio Lower Upper
252 100
253 23.0 16.4 24.6
125 7.4 4.3 6.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.514 ng/ul

RT: 28.083 min Scan# 41

Delta R.T. -0.010 min

Lab File: BG061381.D

Acq: 31 May 2024 6:08

Instrument :

BNA_G

ClientSampleId :

BH6B8

Tgt Ion:276 Resp: 13286

Ion Ratio Lower Upper

276 100

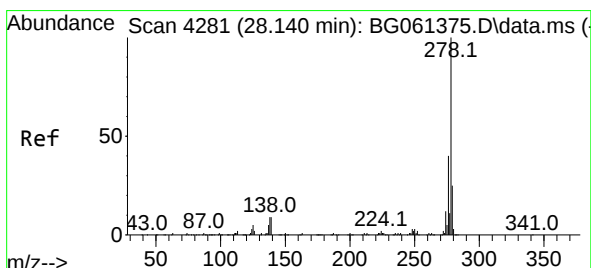
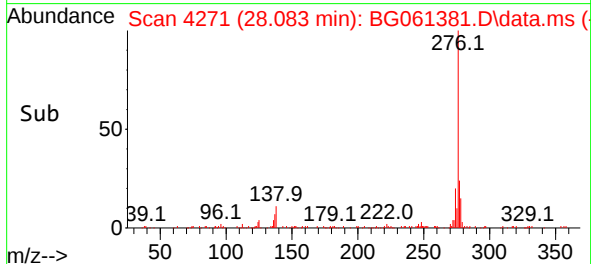
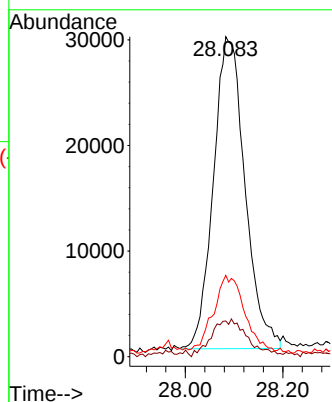
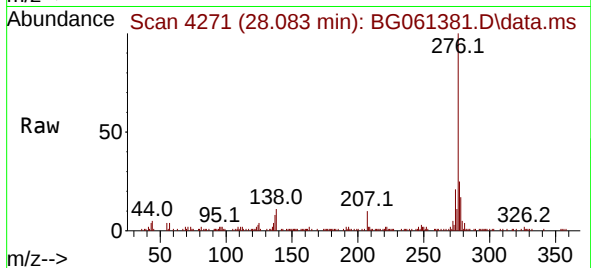
138 11.2 8.6 13.0

277 25.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.007 ng/ul m

RT: 28.112 min Scan# 4276

Delta R.T. -0.027 min

Lab File: BG061381.D

Acq: 31 May 2024 6:08

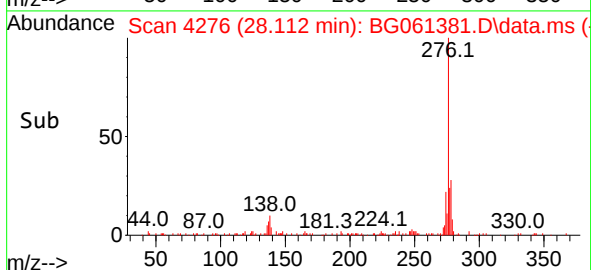
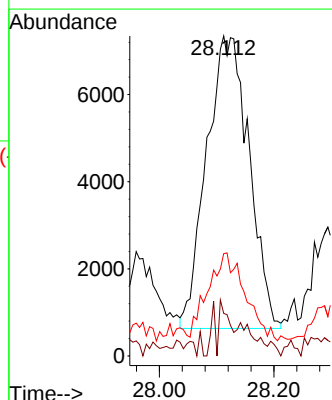
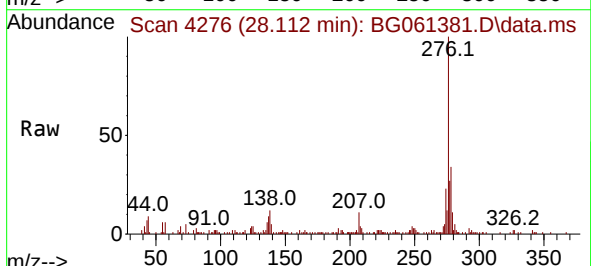
Tgt Ion:278 Resp: 34618

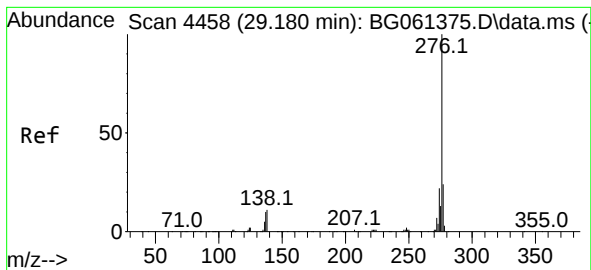
Ion Ratio Lower Upper

278 100

139 13.3 6.4 9.6#

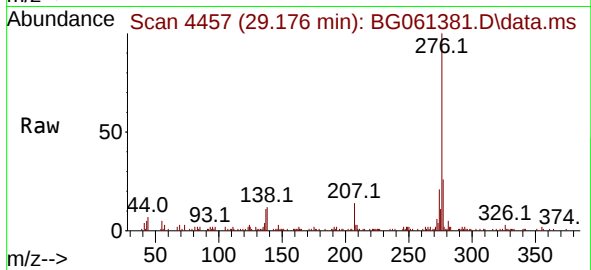
279 32.0 19.9 29.9#





#96
 Benzo(g,h,i)perylene
 Concen: 12.014 ng/ul m
 RT: 29.176 min Scan# 44
 Delta R.T. 0.002 min
 Lab File: BG061381.D
 Acq: 31 May 2024 6:08

Instrument :
 BNA_G
 ClientSampleId :
 BH6B8



Tgt Ion:276 Resp: 13346
 Ion Ratio Lower Upper
 276 100
 138 12.2 8.7 13.1
 277 26.3 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

