

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
 Data File : BG061811.D
 Acq On : 1 Jul 2024 14:05
 Operator : MA/JU
 Sample : P2871-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4C57

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 15:08:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	61574	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	282212	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.682	164	180850	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.426	188	393351	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	299248	20.000	ng/u1	0.00
88) Perylene-d12	24.912	264	354179	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.454	96	6528	3.830	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.203	99	149818	22.413	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.379	67	93157	22.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.585	132	107295	23.391	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	113082	21.883	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	55381	28.901	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	61449	31.662	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	116566	25.366	ng/u1	0.00
31) 4-Chloroaniline-d4	10.999	131	42428	6.098	ng/u1	0.00
46) Dimethylphthalate-d6	14.089	166	368128	26.452	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	406972	26.683	ng/u1	0.00
54) 4-Nitrophenol-d4	14.870	143	52615	22.013	ng/u1	0.00
60) Fluorene-d10	15.675	176	320430	26.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	30408	18.079	ng/u1	0.00
73) Anthracene-d10	17.526	188	472217	26.300	ng/u1	0.00
81) Pyrene-d10	19.812	212	452202	27.053	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.688	264	326242	19.286	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.197	77	6317	1.920	ng/u1#	81
50) Acenaphthylene	14.406	152	17211	1.011	ng/u1#	94
52) Acenaphthene	14.747	153	13243	1.123	ng/u1#	85
61) Fluorene	15.728	166	13989	1.024	ng/u1#	98
72) Phenanthrene	17.473	178	290322	14.029	ng/u1	99
74) Anthracene	17.561	178	61785	2.920	ng/u1	98
77) Carbazole	17.826	167	21288	1.185	ng/u1	93
80) Fluoranthene	19.477	202	487245	25.123	ng/u1#	96
82) Pyrene	19.841	202	385464	18.692	ng/u1	95
85) Benzo(a)anthracene	21.674	228	223981	10.663	ng/u1	100
87) Chrysene	21.739	228	232326	11.689	ng/u1	97
90) Benzo(b)fluoranthene	23.889	252	296643	13.933	ng/u1	98
91) Benzo(k)fluoranthene	23.948	252	121259m	5.538	ng/u1	
93) Benzo(a)pyrene	24.753	252	139399	6.801	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.572	276	129929	5.087	ng/u1#	96
95) Dibenzo(a,h)anthracene	28.637	278	44891m	2.114	ng/u1	

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

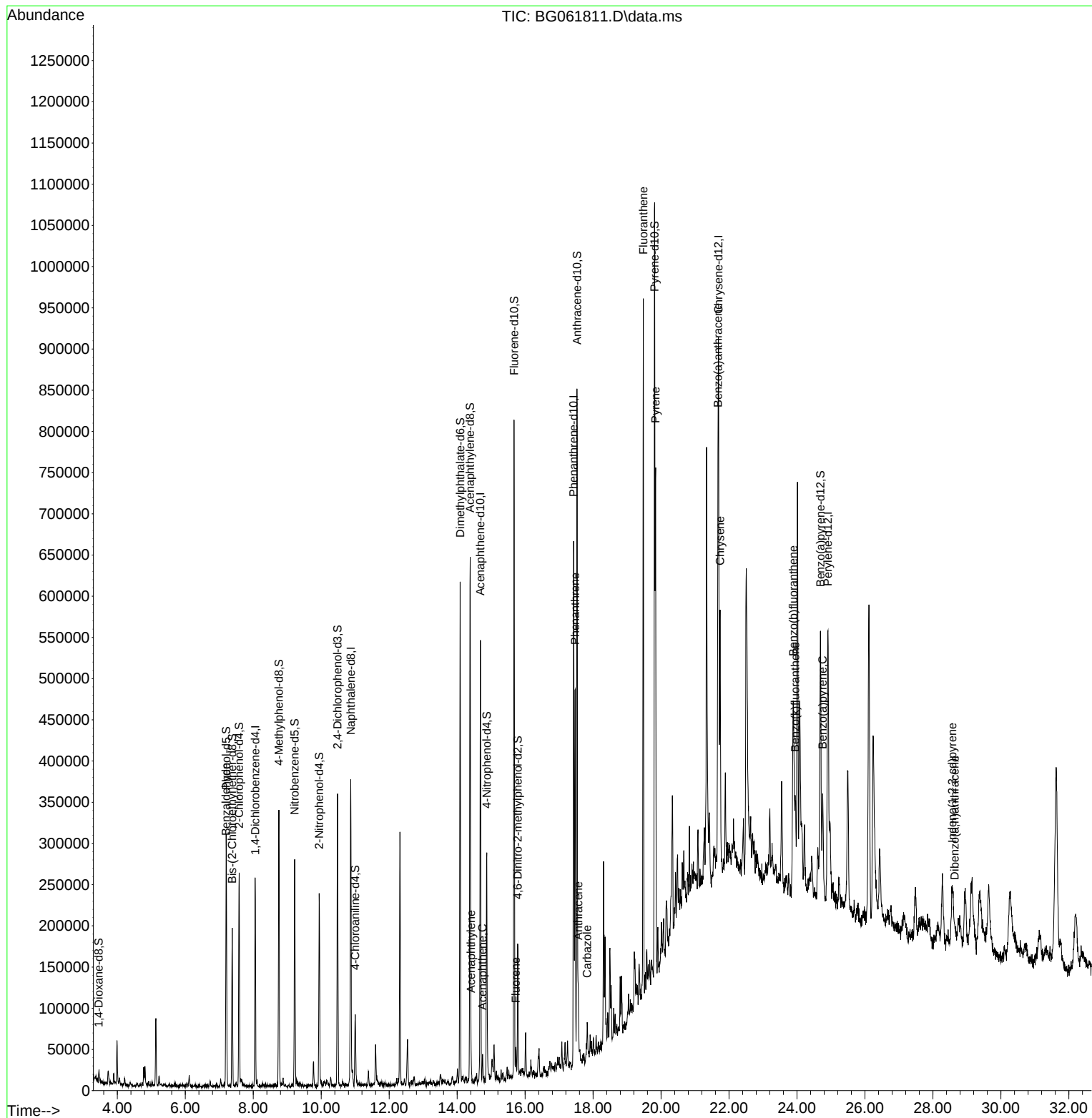
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061811.D
Acq On : 1 Jul 2024 14:05
Operator : MA/JU
Sample : P2871-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

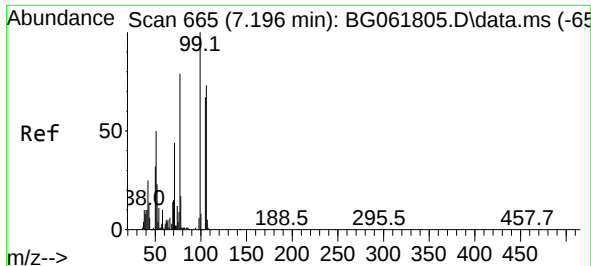
Instrument :
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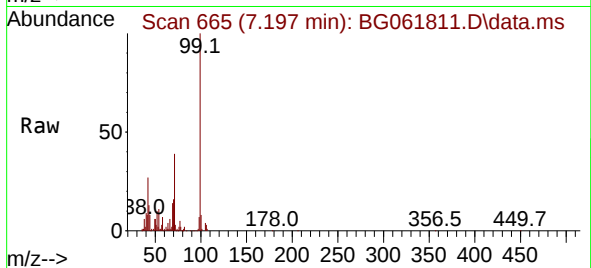
Quant Time: Jul 01 15:08:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration





#6
Benzaldehyde
Concen: 1.920 ng/ul
RT: 7.197 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05

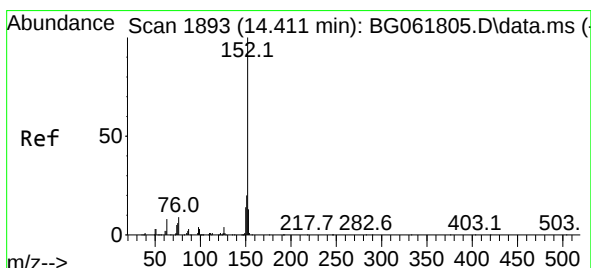
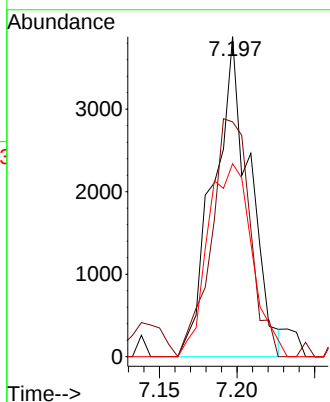
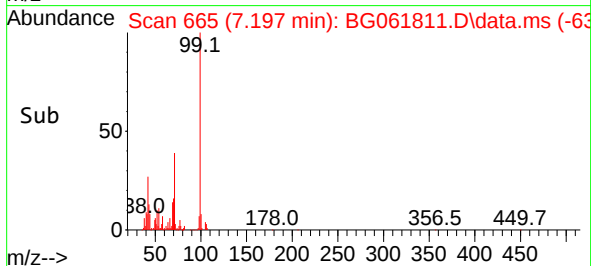
Instrument :
BNA_G
ClientSampleId :
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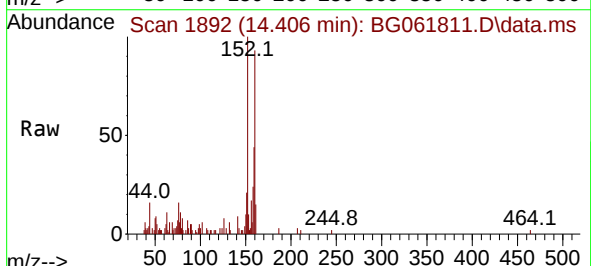
Tgt Ion: 77 Resp: 631
Ion Ratio Lower Upper
77 100
105 73.4 71.0 106.6
106 60.3 63.5 95.3

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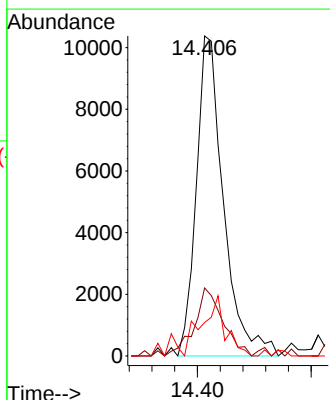
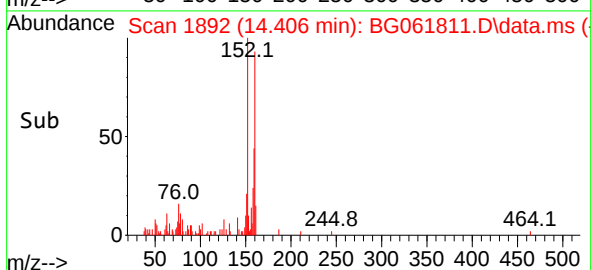
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

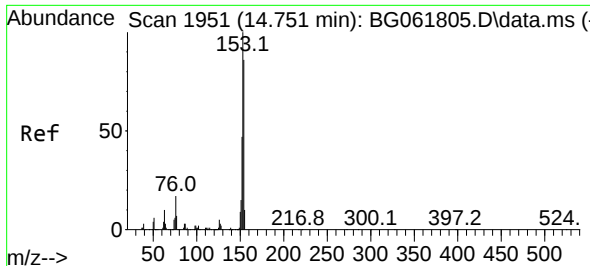


#50
Acenaphthylene
Concen: 1.011 ng/ul
RT: 14.406 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05



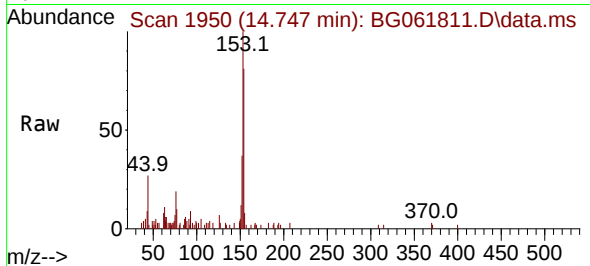
Tgt Ion:152 Resp: 17211
Ion Ratio Lower Upper
152 100
151 21.3 15.3 22.9
153 10.4 11.0 16.4





#52
Acenaphthene
Concen: 1.123 ng/ul
RT: 14.747 min Scan# 1951
Delta R.T. -0.004 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05

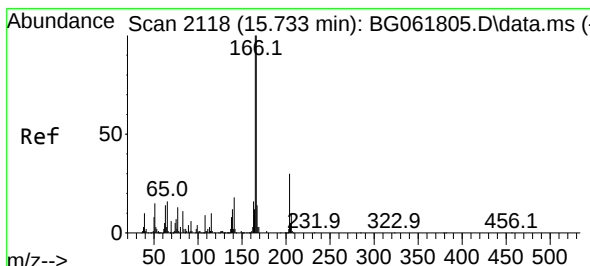
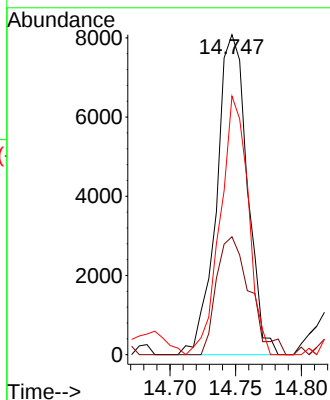
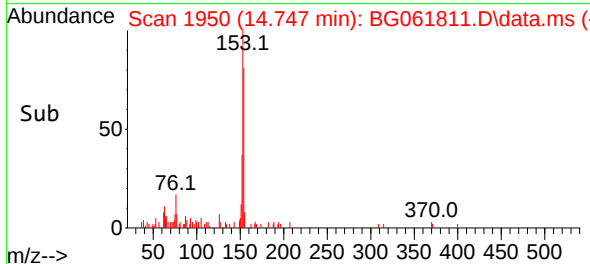
Instrument :
BNA_G
ClientSampleId :
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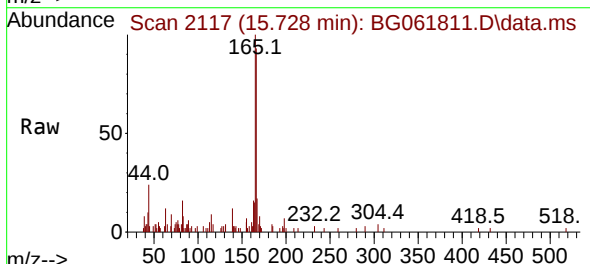
Tgt Ion:153 Resp: 1324
Ion Ratio Lower Upper
153 100
152 36.9 40.0 60.0
154 80.8 74.1 111.1

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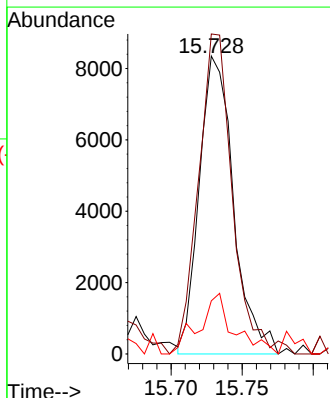
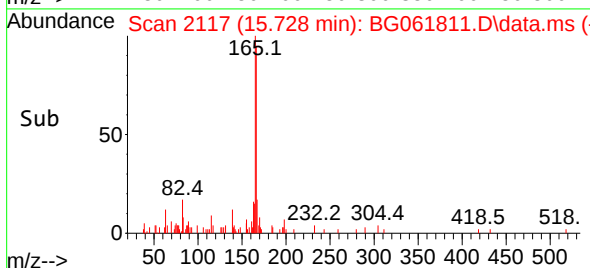
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

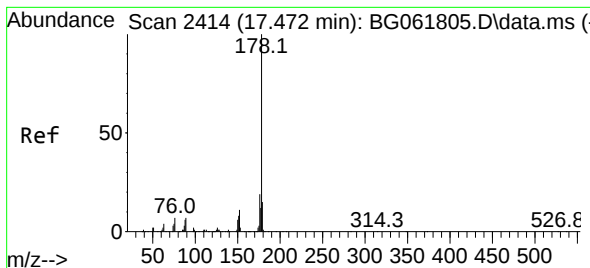


#61
Fluorene
Concen: 1.024 ng/ul
RT: 15.728 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05



Tgt Ion:166 Resp: 13989
Ion Ratio Lower Upper
166 100
165 107.4 84.9 127.3
167 17.8 10.9 16.3





#72

Phenanthrene

Concen: 14.029 ng/ul

RT: 17.473 min Scan# 2414

Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Instrument :

BNA_G

ClientSampleId :

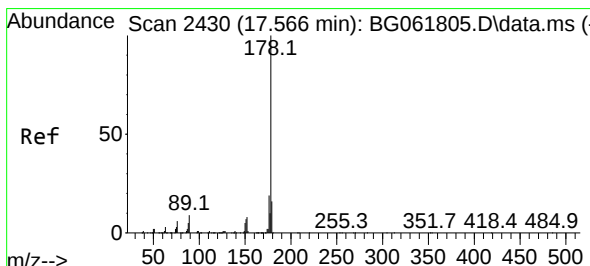
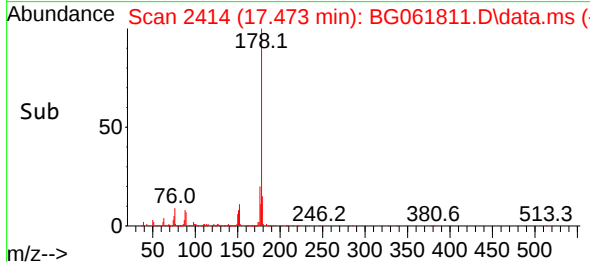
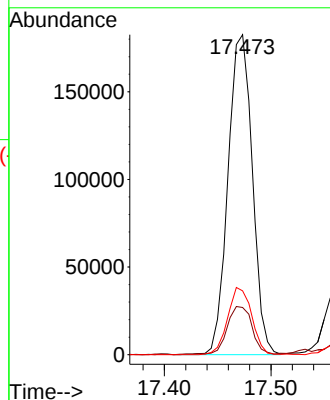
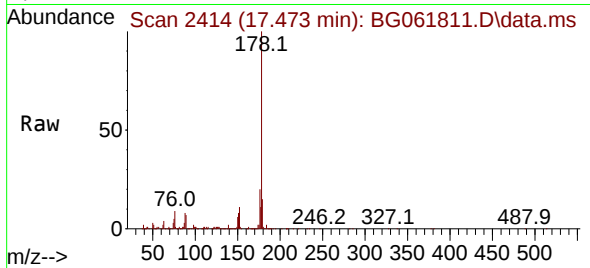
A4C57

Tgt Ion:	178	Resp:	29032
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.0	18.0
176	19.9	16.2	24.2

Manual Integrations

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#74

Anthracene

Concen: 2.920 ng/ul

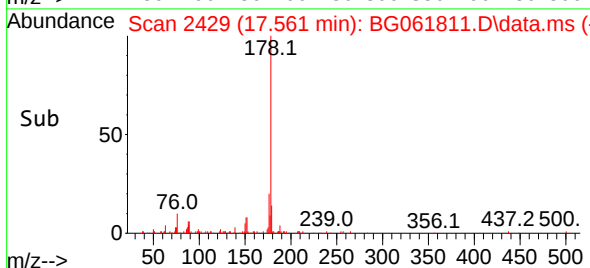
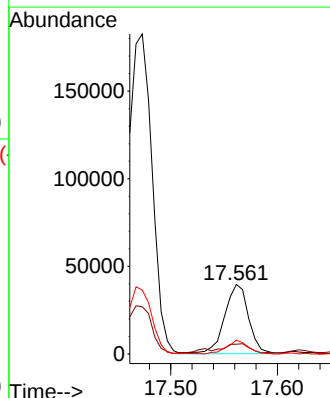
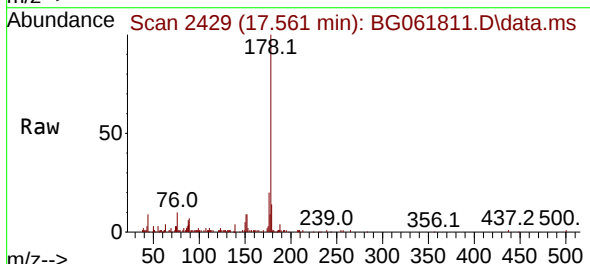
RT: 17.561 min Scan# 2429

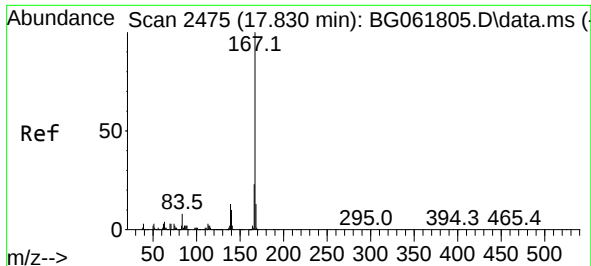
Delta R.T. -0.004 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

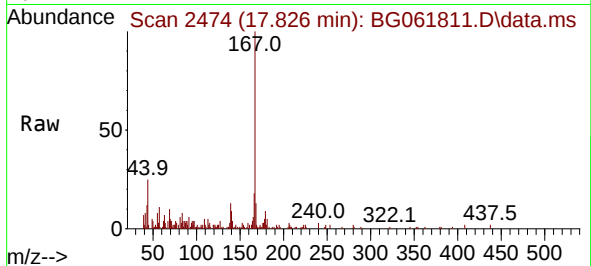
Tgt Ion:	178	Resp:	61785
Ion Ratio	Lower	Upper	
178	100		
179	14.1	11.4	17.2
176	19.8	14.7	22.1





#77
 Carbazole
 Concen: 1.185 ng/ul
 RT: 17.826 min Scan# 2475
 Delta R.T. -0.004 min
 Lab File: BG061811.D
 Acq: 1 Jul 2024 14:05

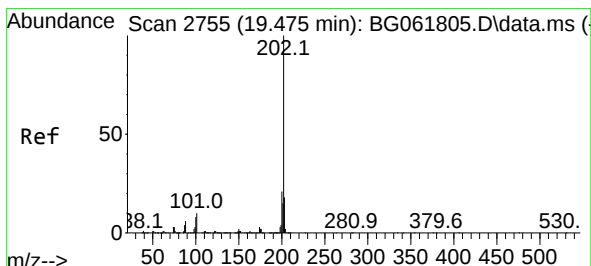
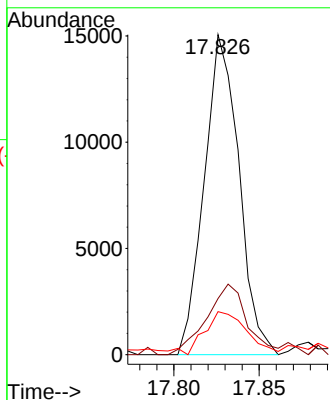
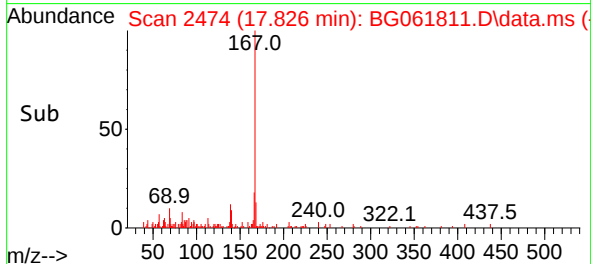
Instrument :
 BNA_G
 ClientSampleId :
 A4C57



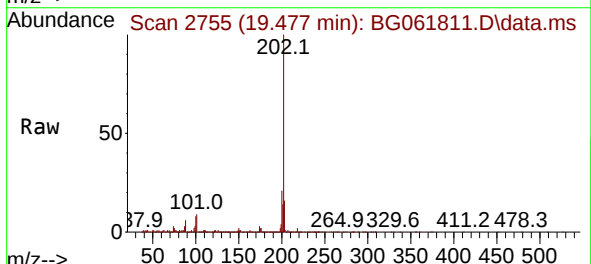
Tgt Ion:167 Resp: 21288
 Ion Ratio Lower Upper
 167 100
 166 17.5 17.5 26.3
 139 13.5 9.4 14.2

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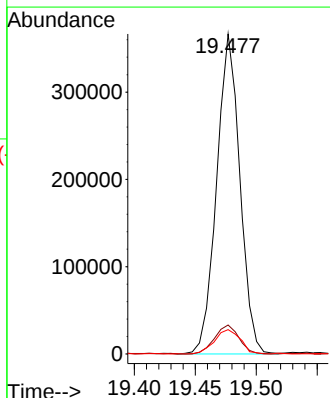
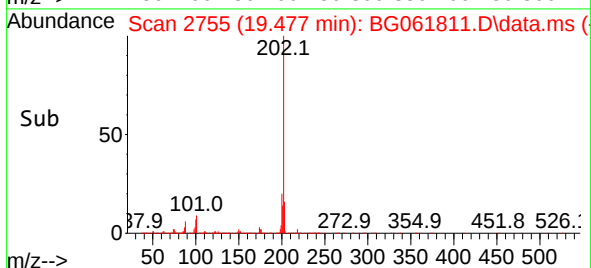
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 Supervised By :mohammad ahmed 07/04/2024

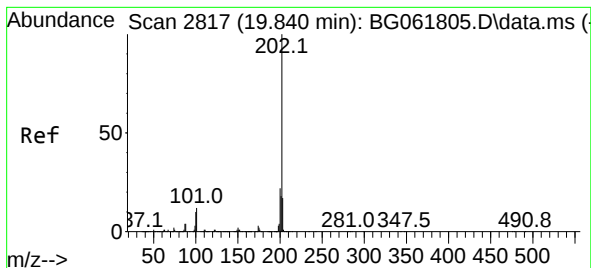


#80
 Fluoranthene
 Concen: 25.123 ng/ul
 RT: 19.477 min Scan# 2755
 Delta R.T. 0.002 min
 Lab File: BG061811.D
 Acq: 1 Jul 2024 14:05



Tgt Ion:202 Resp: 487245
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.8 11.6
 100 7.6 7.7 11.5





#82

Pyrene

Concen: 18.692 ng/ul

RT: 19.841 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Instrument :

BNA_G

ClientSampleId :

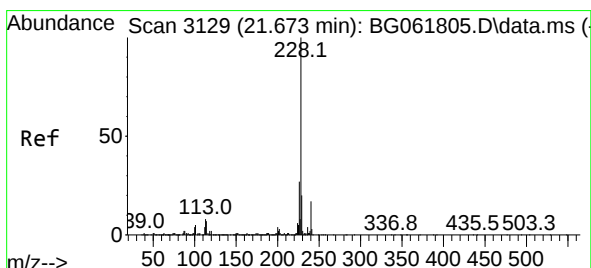
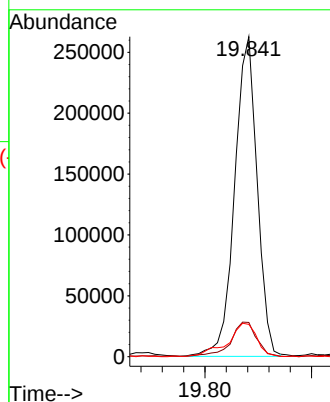
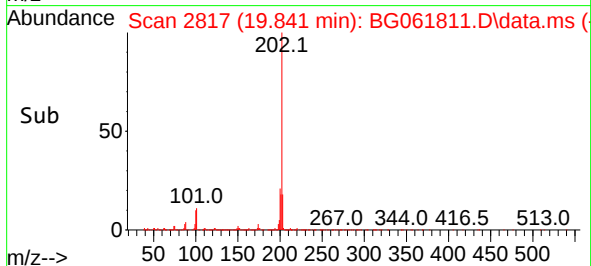
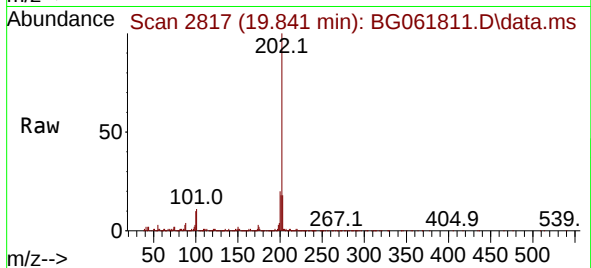
A4C57

Tgt Ion:202 Resp: 385464
 Ion Ratio Lower Upper
 202 100
 101 10.7 10.1 15.1
 100 10.1 9.9 14.9

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#85

Benzo(a)anthracene

Concen: 10.663 ng/ul

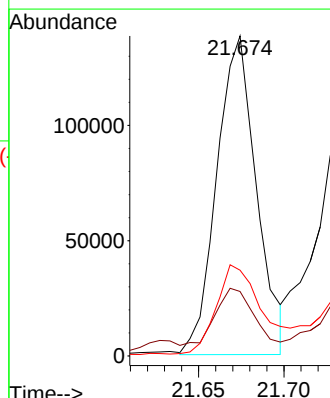
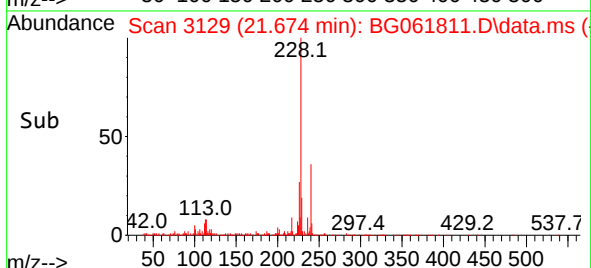
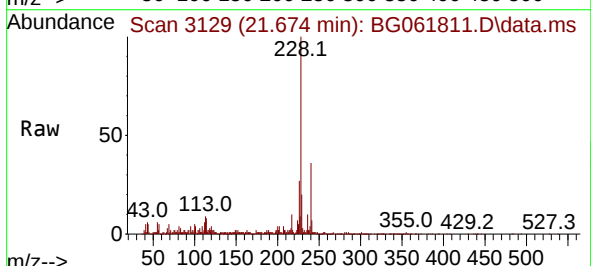
RT: 21.674 min Scan# 3129

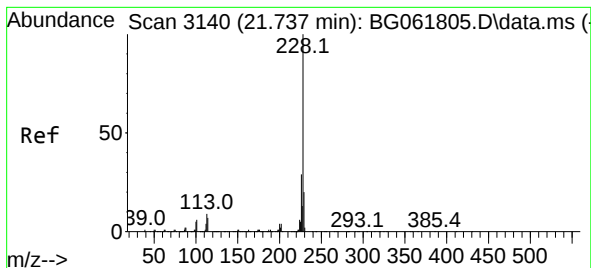
Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Tgt Ion:228 Resp: 223981
 Ion Ratio Lower Upper
 228 100
 229 20.2 15.8 23.8
 226 26.8 21.4 32.2





#87

Chrysene

Concen: 11.689 ng/u1

RT: 21.739 min Scan# 3140

Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

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BNA_G

ClientSampleId :

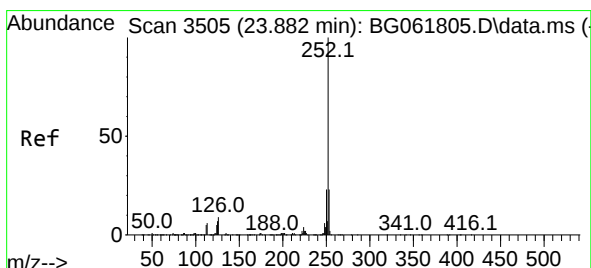
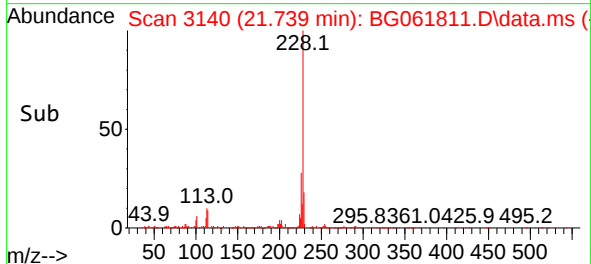
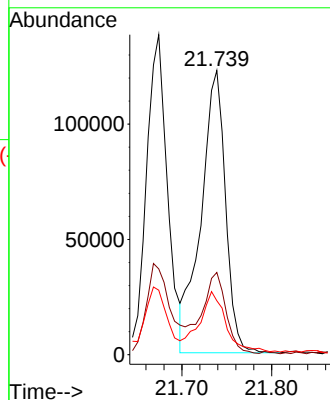
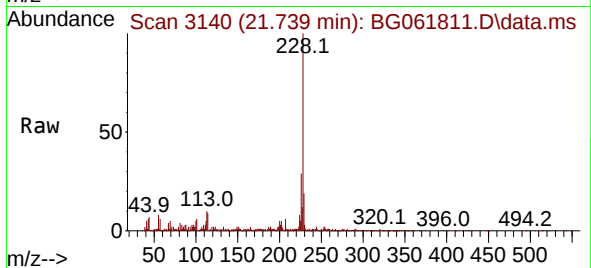
A4C57

Tgt Ion:228	Resp: 232320
Ion Ratio	Lower Upper
228 100	
226 29.0	24.2 36.2
229 19.0	16.5 24.7

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#90

Benzo(b)fluoranthene

Concen: 13.933 ng/u1

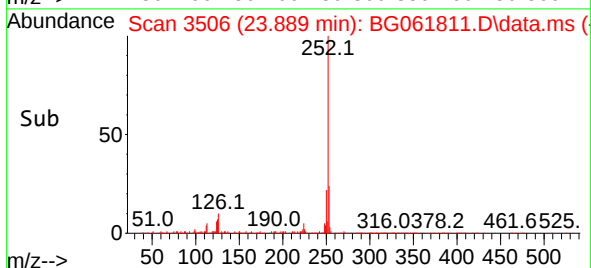
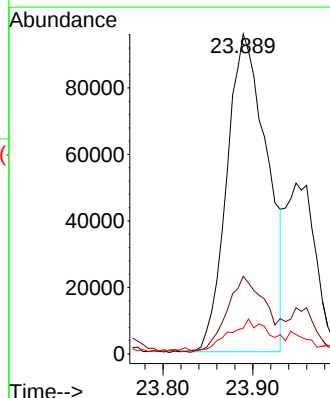
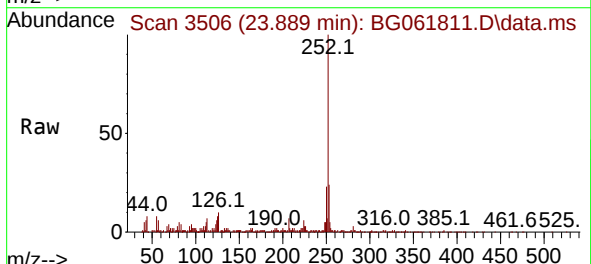
RT: 23.889 min Scan# 3506

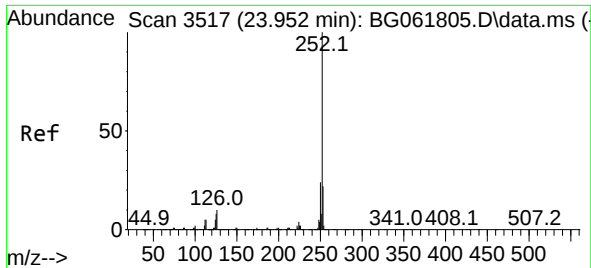
Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Tgt Ion:252	Resp: 296643
Ion Ratio	Lower Upper
252 100	
253 24.3	18.6 27.8
125 8.1	7.0 10.6





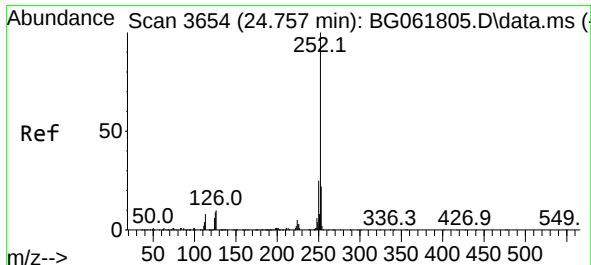
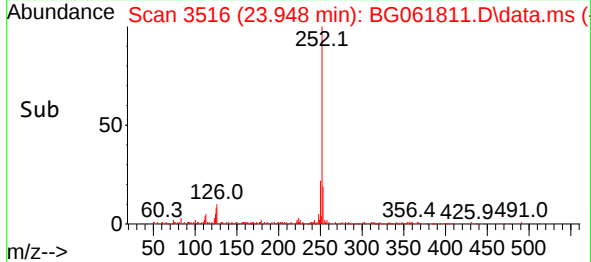
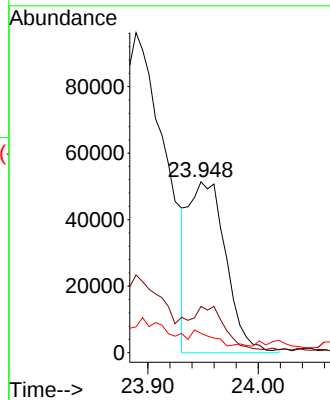
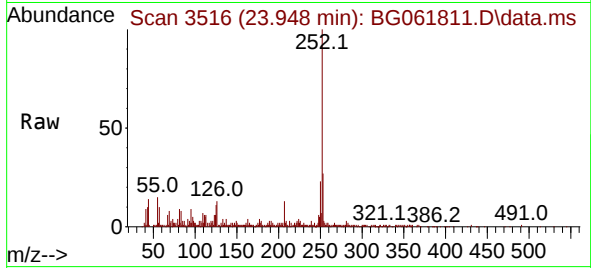
#91
Benzo(k)fluoranthene
Concen: 5.538 ng/ul m
RT: 23.948 min Scan# 3517
Delta R.T. -0.010 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05

Instrument :
BNA_G
ClientSampleId :
A4C57

Tgt Ion:252 Resp: 121259
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.6
125 11.4 6.2 9.2

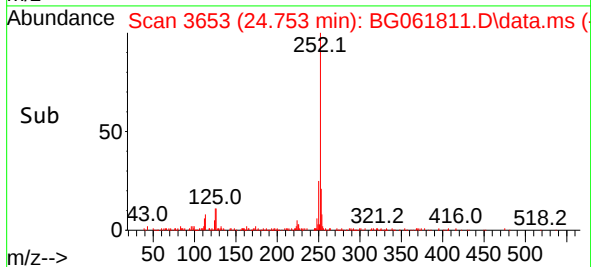
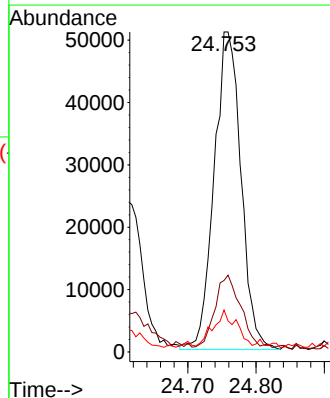
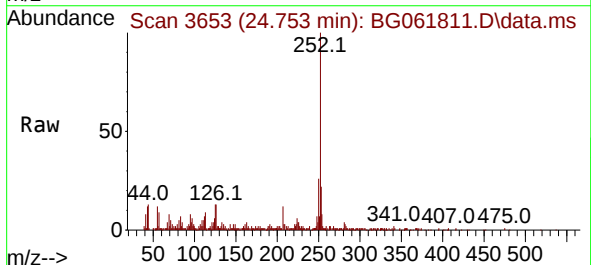
Manual Integrations
APPROVED

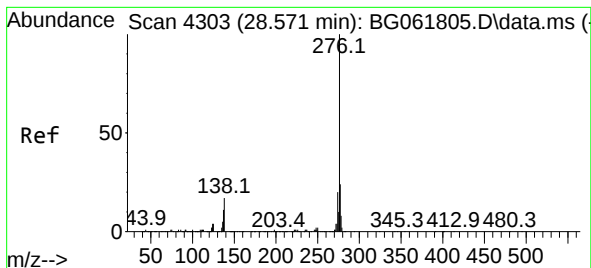
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#93
Benzo(a)pyrene
Concen: 6.801 ng/ul
RT: 24.753 min Scan# 3653
Delta R.T. -0.010 min
Lab File: BG061811.D
Acq: 1 Jul 2024 14:05

Tgt Ion:252 Resp: 139399
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 13.1 6.5 9.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.087 ng/ul

RT: 28.572 min Scan# 4303

Delta R.T. 0.008 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Instrument :

BNA_G

ClientSampleId :

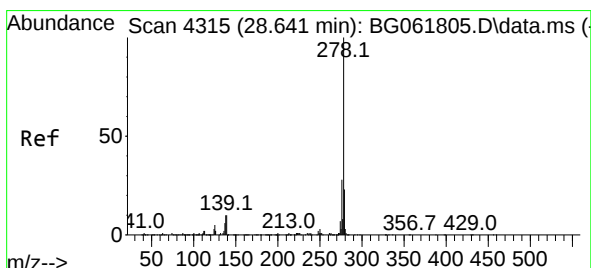
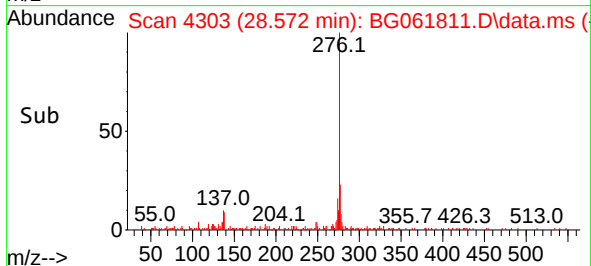
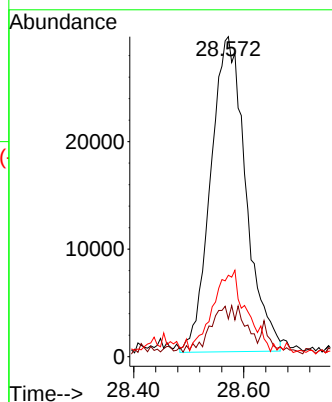
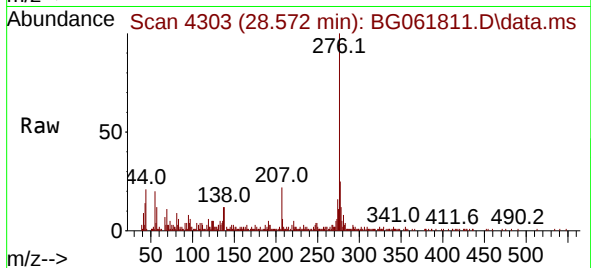
A4C57

Tgt Ion:	276	Resp:	129929
Ion Ratio	Lower	Upper	
276	100		
138	11.8	12.2	18.4
277	25.4	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.114 ng/ul m

RT: 28.637 min Scan# 4314

Delta R.T. 0.002 min

Lab File: BG061811.D

Acq: 1 Jul 2024 14:05

Tgt Ion:	278	Resp:	44891
Ion Ratio	Lower	Upper	
278	100		
139	10.6	9.1	13.7
279	18.3	18.6	28.0

