

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
 Data File : BG061425.D
 Acq On : 3 Jun 2024 16:07
 Operator : MA/JU
 Sample : P2577-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHBNS

Manual Integrations
 APPROVED

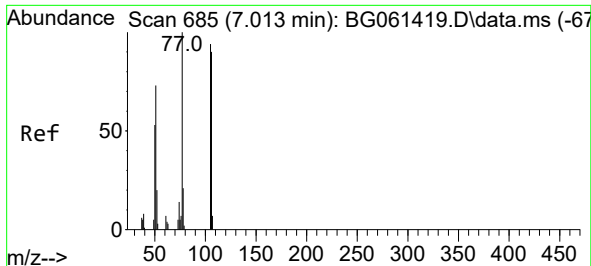
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 23:40:12 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)

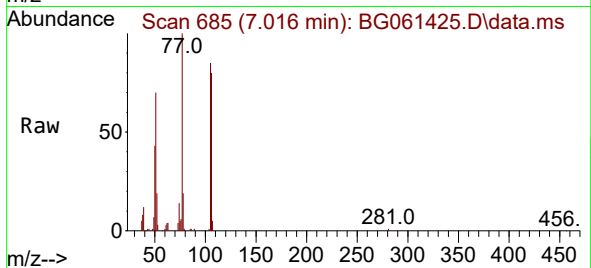
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	33962	20.000	ng/ul	0.00
20) Naphthalene-d8	10.670	136	133284	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.513	164	101800	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	234413	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.517	240	246217	20.000	ng/ul	0.00
88) Perylene-d12	24.607	264	279885	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	3113	5.130	ng/uL	0.00
4) Pyridine-d5	3.749	84	4712	2.183	ng/ul	0.01
7) Phenol-d5	7.063	99	78579	28.175	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.204	67	49985	28.514	ng/ul	0.00
11) 2-Chlorophenol-d4	7.415	132	64996	31.489	ng/ul	0.00
15) 4-Methylphenol-d8	8.591	113	68633	28.860	ng/ul	0.00
21) Nitrobenzene-d5	9.031	128	33075	32.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.754	143	38272	31.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.306	165	75418	32.211	ng/ul	0.00
31) 4-Chloroaniline-d4	10.806	131	247	0.081	ng/ul	0.00
46) Dimethylphthalate-d6	13.920	166	250260	31.697	ng/ul	0.00
49) Acenaphthylene-d8	14.202	160	277639	33.824	ng/ul	0.00
54) 4-Nitrophenol-d4	14.754	143	19126	19.594	ng/ul	0.02
60) Fluorene-d10	15.506	176	224189	32.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	39499	27.860	ng/ul	0.01
73) Anthracene-d10	17.363	188	358517	34.691	ng/ul	0.00
81) Pyrene-d10	19.654	212	434352	34.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.401	264	467927	34.775	ng/ul	0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.016	77	51265	35.154	ng/ul	98
18) 4-Methylphenol	8.649	108	4028	1.651	ng/ul#	53
72) Phenanthrene	17.304	178	136141	11.966	ng/ul	97
74) Anthracene	17.392	178	22600	1.921	ng/ul	99
77) Carbazole	17.668	167	12032	1.257	ng/ul	98
80) Fluoranthene	19.319	202	278840	18.386	ng/ul	99
82) Pyrene	19.683	202	263924	16.765	ng/ul	99
83) Butylbenzylphthalate	20.571	149	27659	5.115	ng/ul	93
85) Benzo(a)anthracene	21.499	228	150414	8.854	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.405	149	159121	19.878	ng/ul#	98
87) Chrysene	21.558	228	166250	10.628	ng/ul	96
90) Benzo(b)fluoranthene	23.632	252	232031	13.924	ng/ul	100
91) Benzo(k)fluoranthene	23.685	252	76516m	4.523	ng/ul	
93) Benzo(a)pyrene	24.460	252	152232	9.620	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.121	276	115490m	6.035	ng/ul	
95) Dibenzo(a,h)anthracene	28.144	278	30199m	1.914	ng/ul	
96) Benzo(g,h,i)perylene	29.213	276	97538	6.407	ng/ul#	97

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



#6
Benzaldehyde
Concen: 35.154 ng/ul
RT: 7.016 min Scan# 612
Delta R.T. 0.004 min
Lab File: BG061425.D
Acq: 3 Jun 2024 16:07

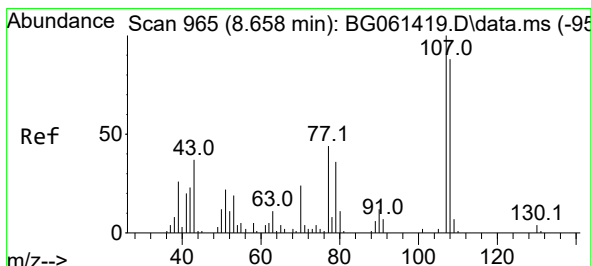
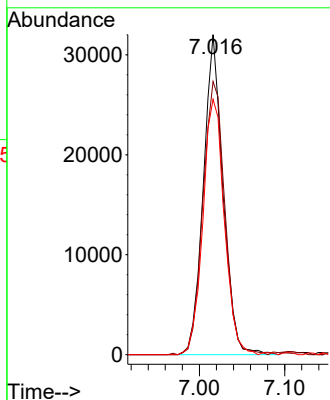
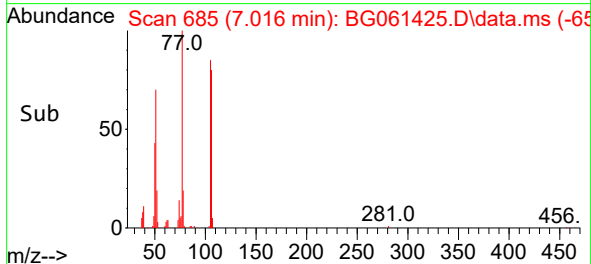
Instrument :
BNA_G
ClientSampleId :
BHBN8



Tgt Ion: 77 Resp: 5126
Ion Ratio Lower Upper
77 100
105 85.4 71.0 106.6
106 79.8 63.4 95.2

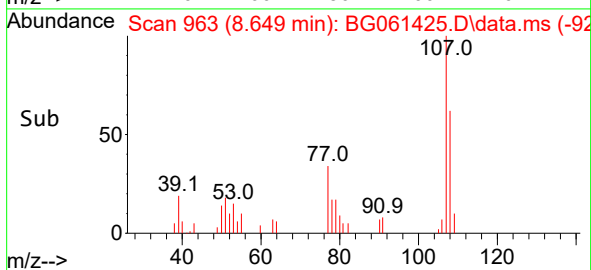
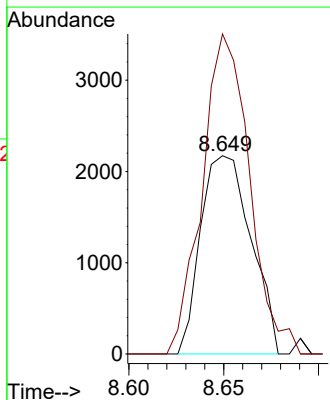
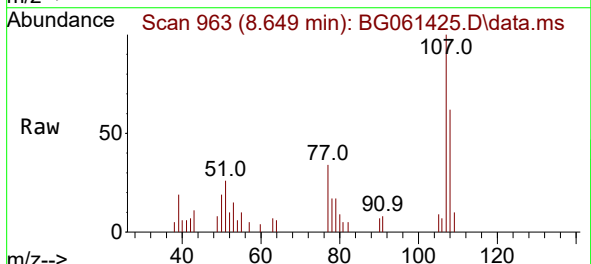
Manual Integrations
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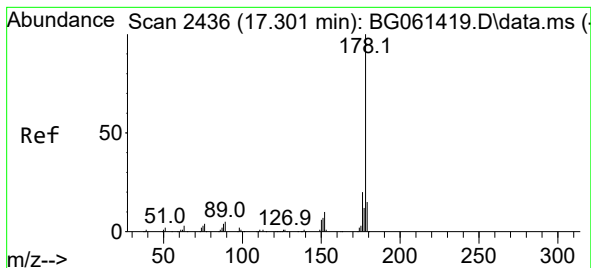
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024



#18
4-Methylphenol
Concen: 1.651 ng/ul
RT: 8.649 min Scan# 963
Delta R.T. -0.001 min
Lab File: BG061425.D
Acq: 3 Jun 2024 16:07

Tgt Ion:108 Resp: 4028
Ion Ratio Lower Upper
108 100
107 161.5 89.3 133.9#





#72

Phenanthrene

Concen: 11.966 ng/ul

RT: 17.304 min Scan# 2436

Delta R.T. 0.005 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Instrument :

BNA_G

ClientSampleId :

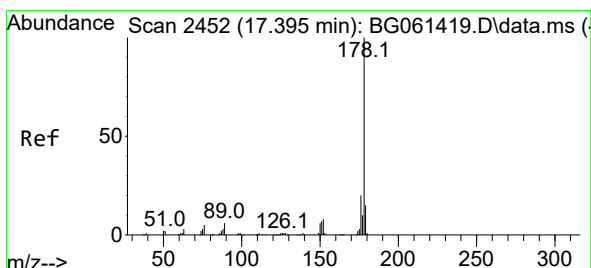
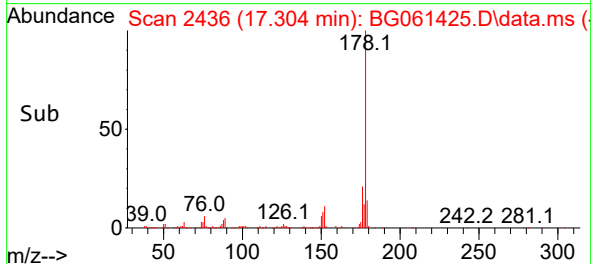
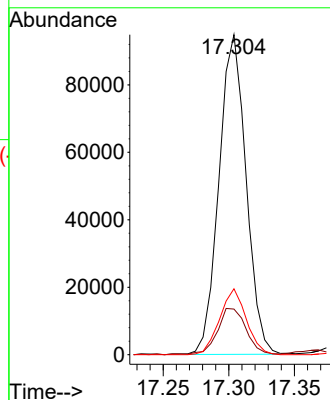
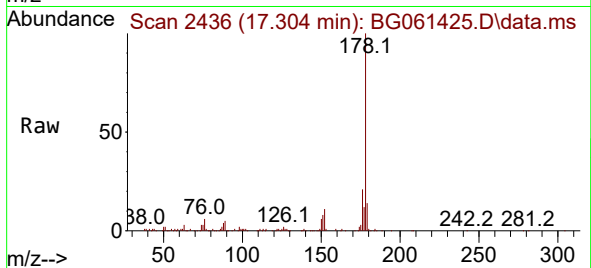
BHBN8

Tgt Ion:178 Resp: 13614
 Ion Ratio Lower Upper
 178 100
 179 14.3 12.7 19.1
 176 20.6 15.5 23.3

Manual Integrations

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 Supervised By :mohammad ahmed 06/05/2024



#74

Anthracene

Concen: 1.921 ng/ul

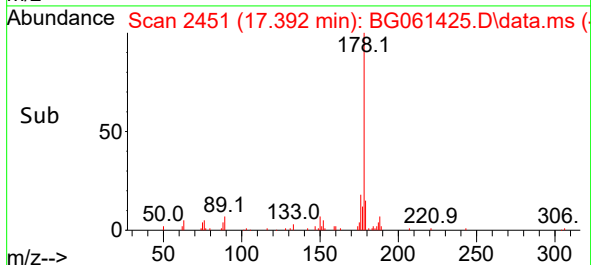
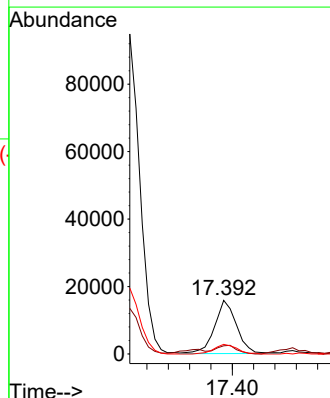
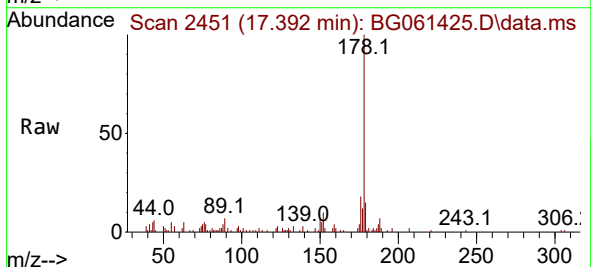
RT: 17.392 min Scan# 2451

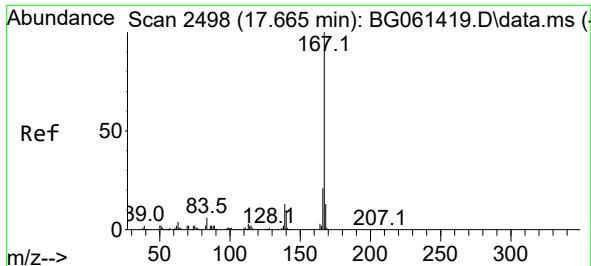
Delta R.T. -0.001 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Tgt Ion:178 Resp: 22600
 Ion Ratio Lower Upper
 178 100
 179 15.1 11.8 17.6
 176 17.8 14.9 22.3





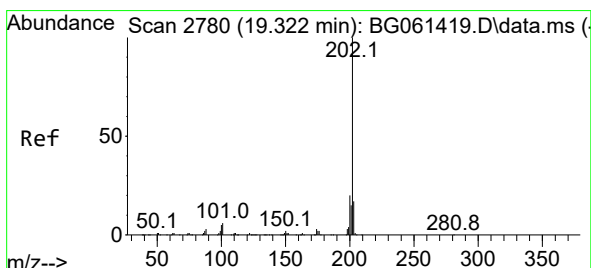
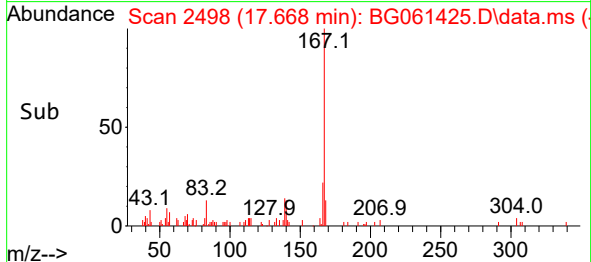
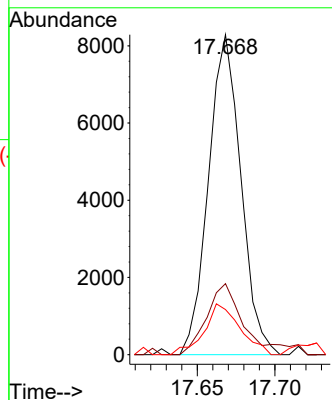
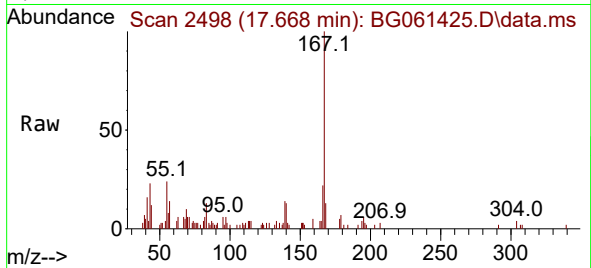
#77
 Carbazole
 Concen: 1.257 ng/ul
 RT: 17.668 min Scan# 2498
 Delta R.T. 0.005 min
 Lab File: BG061425.D
 Acq: 3 Jun 2024 16:07

Instrument :
 BNA_G
 ClientSampleId :
 BHBN8

Tgt Ion:167 Resp: 1203
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.6 28.0
 139 14.1 10.6 15.8

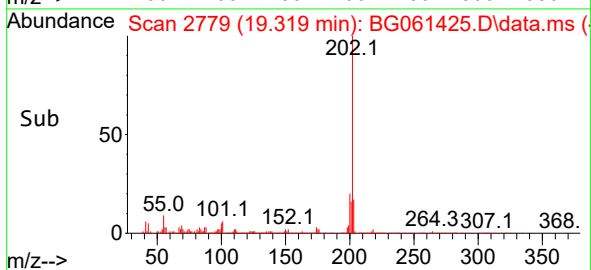
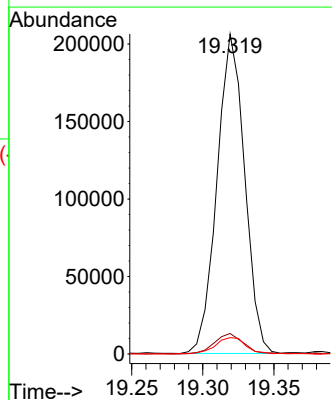
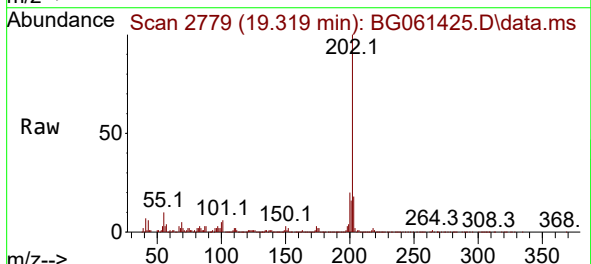
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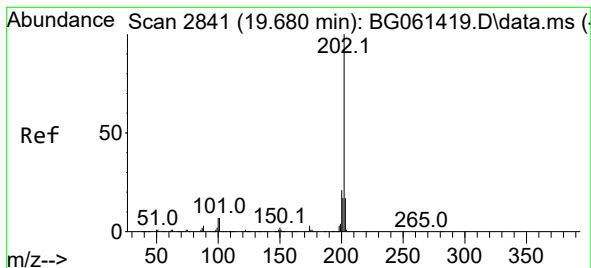
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024



#80
 Fluoranthene
 Concen: 18.386 ng/ul
 RT: 19.319 min Scan# 2779
 Delta R.T. 0.005 min
 Lab File: BG061425.D
 Acq: 3 Jun 2024 16:07

Tgt Ion:202 Resp: 278840
 Ion Ratio Lower Upper
 202 100
 101 6.4 4.8 7.2
 100 5.1 4.1 6.1





#82

Pyrene

Concen: 16.765 ng/ul

RT: 19.683 min Scan# 2841

Delta R.T. 0.004 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Instrument :

BNA_G

ClientSampleId :

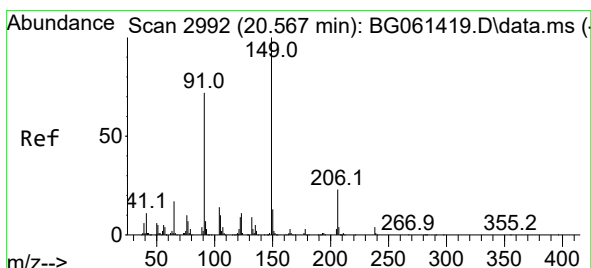
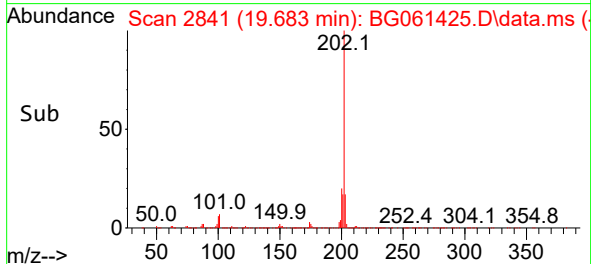
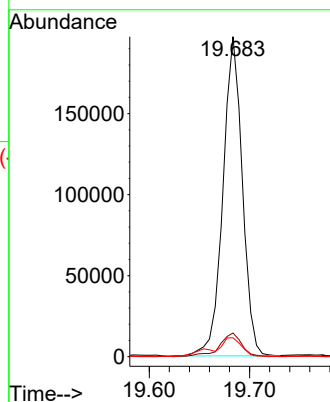
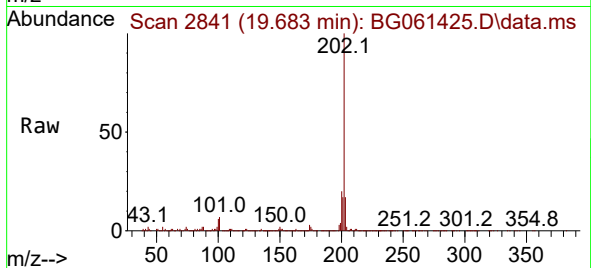
BHBN8

Tgt Ion:	202	Resp:	263924
Ion Ratio	Lower	Upper	
202	100		
101	7.4	5.7	8.5
100	5.9	5.1	7.7

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#83

Butylbenzylphthalate

Concen: 5.115 ng/ul

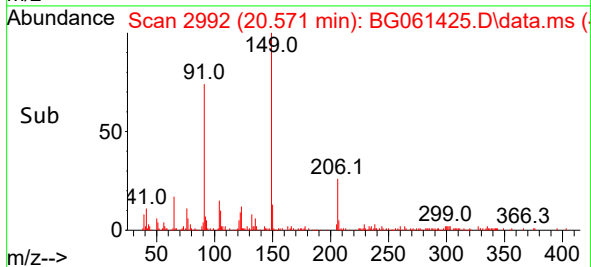
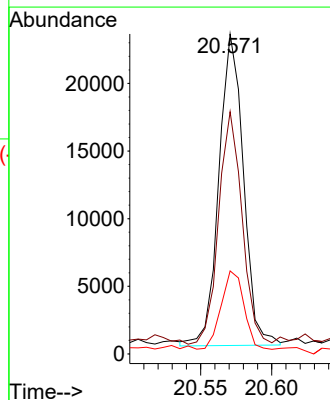
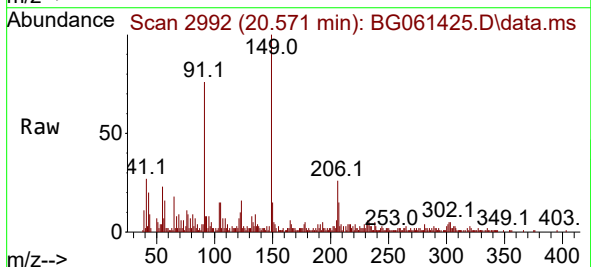
RT: 20.571 min Scan# 2992

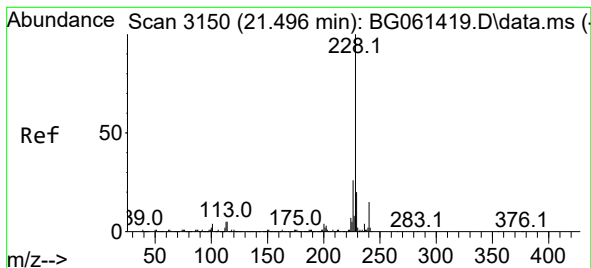
Delta R.T. -0.001 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Tgt Ion:	149	Resp:	27659
Ion Ratio	Lower	Upper	
149	100		
91	75.7	54.8	82.2
206	25.9	19.4	29.0





#85

Benzo(a)anthracene

Concen: 8.854 ng/ul

RT: 21.499 min Scan# 3150

Delta R.T. 0.004 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Instrument :

BNA_G

ClientSampleId :

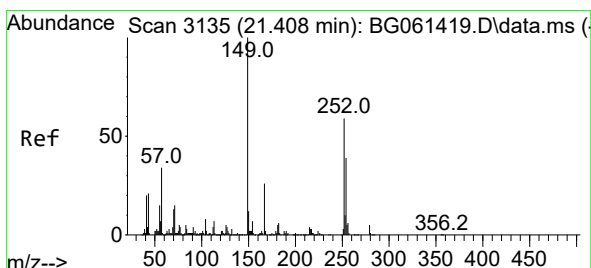
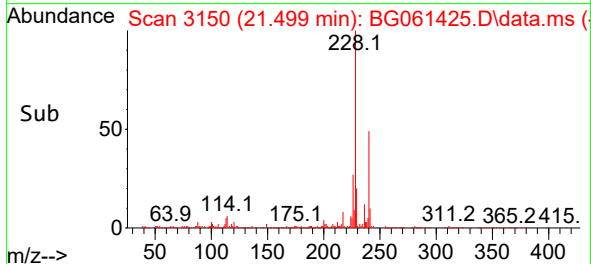
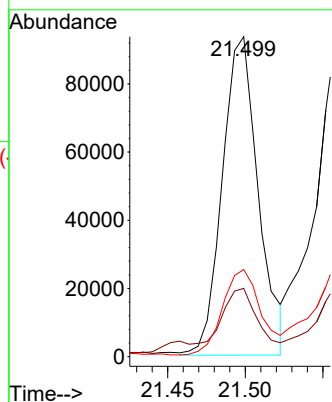
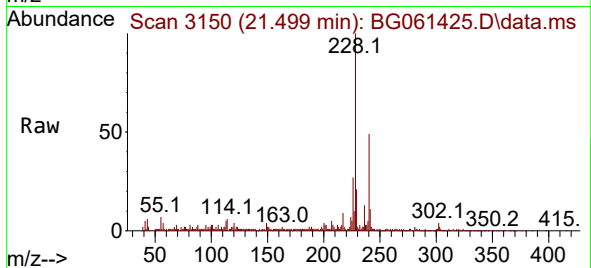
BHBN8

Tgt Ion:	228	Resp:	150414
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.2	22.8
226	27.2	21.4	32.2

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 19.878 ng/ul

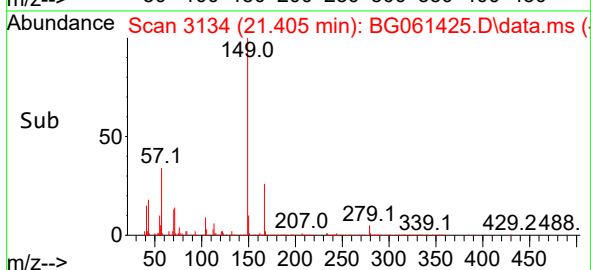
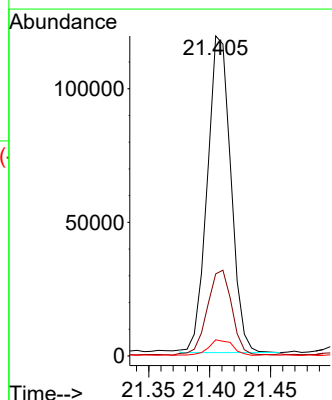
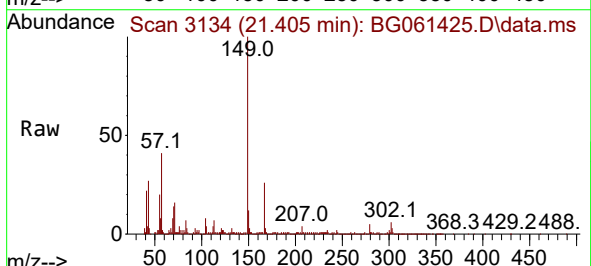
RT: 21.405 min Scan# 3134

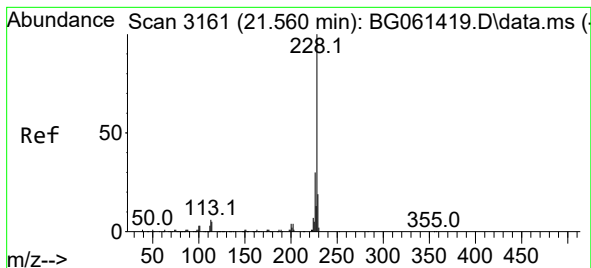
Delta R.T. -0.001 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Tgt Ion:	149	Resp:	159121
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.1	31.7
279	5.0	3.3	4.9





#87

Chrysene

Concen: 10.628 ng/ul

RT: 21.558 min Scan# 3160

Delta R.T. 0.004 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Instrument :

BNA_G

ClientSampleId :

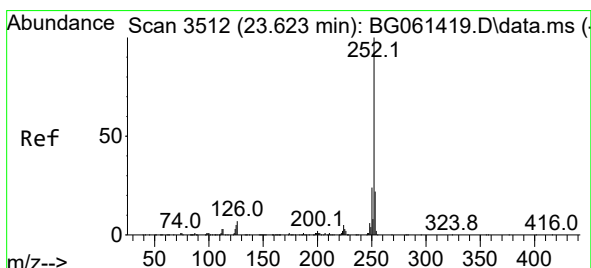
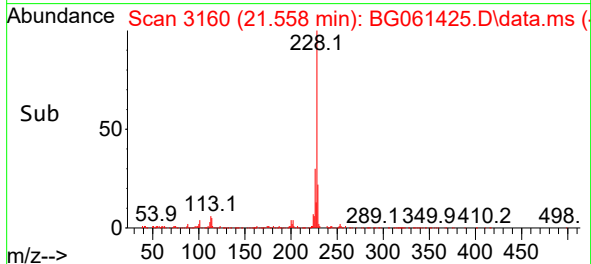
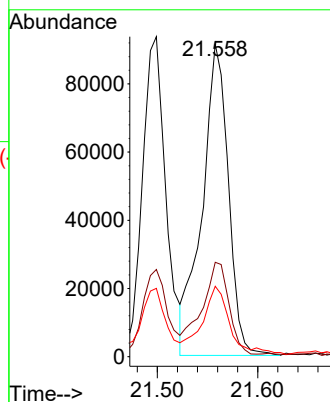
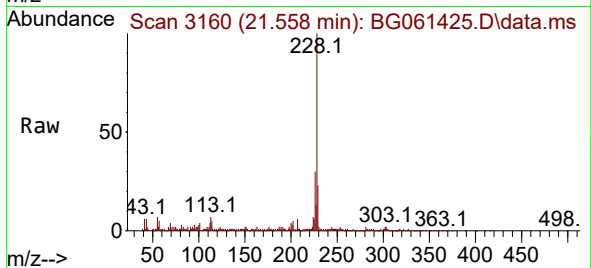
BHBN8

Tgt Ion:	228	Resp:	166250
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	22.5	15.4	23.2

Manual Integrations

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Supervised By :mohammad ahmed 06/05/2024



#90

Benzo(b)fluoranthene

Concen: 13.924 ng/ul

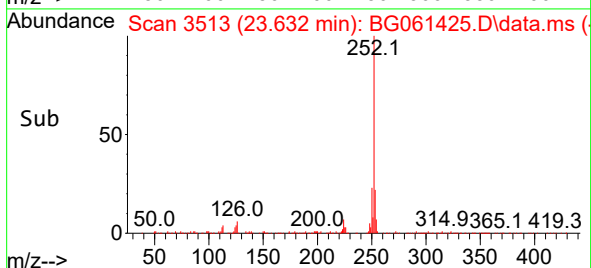
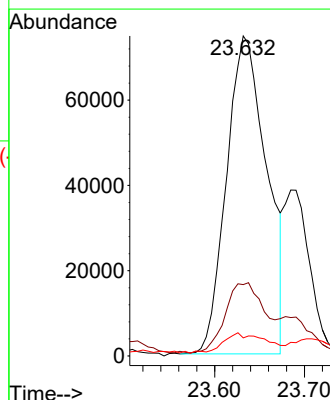
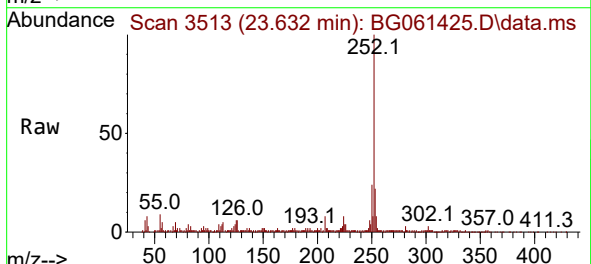
RT: 23.632 min Scan# 3513

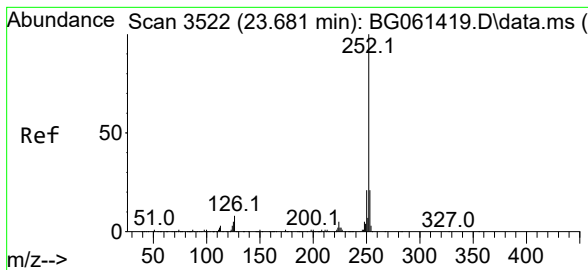
Delta R.T. 0.016 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

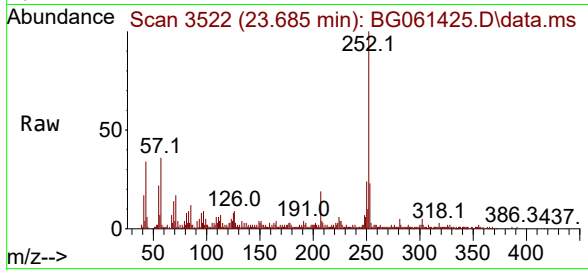
Tgt Ion:	252	Resp:	232031
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	5.7	4.6	6.8





#91
Benzo(k)fluoranthene
Concen: 4.523 ng/ul m
RT: 23.685 min Scan# 3522
Delta R.T. 0.005 min
Lab File: BG061425.D
Acq: 3 Jun 2024 16:07

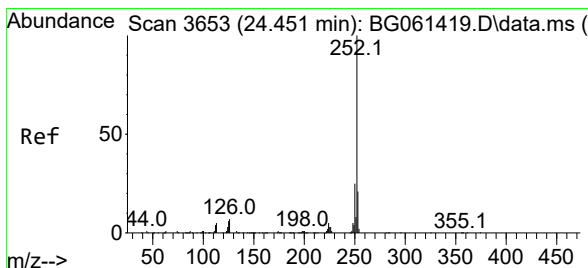
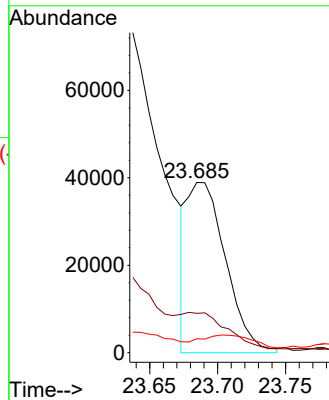
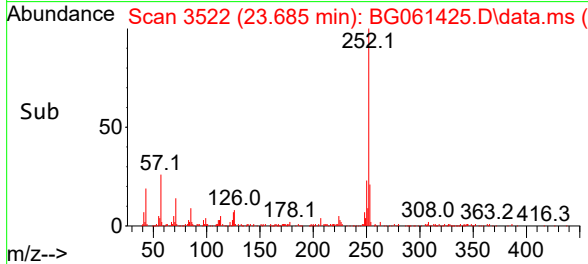
Instrument :
BNA_G
ClientSampleId :
BHBN8



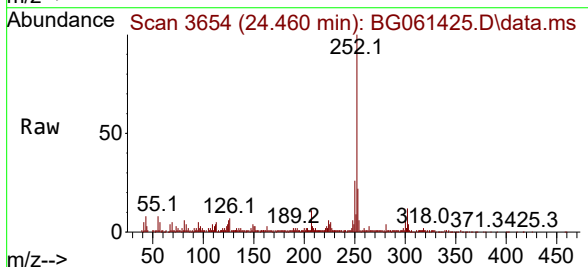
Tgt Ion:252 Resp: 76510
Ion Ratio Lower Upper
252 100
253 23.1 16.0 24.0
125 8.2 4.3 6.5

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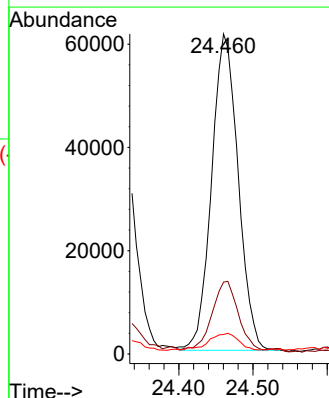
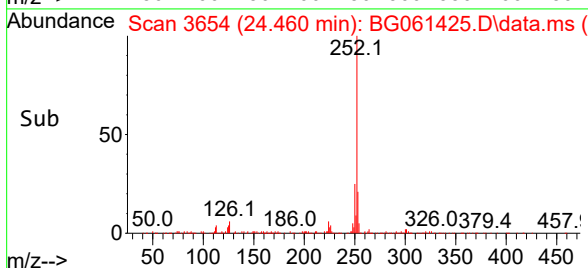
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

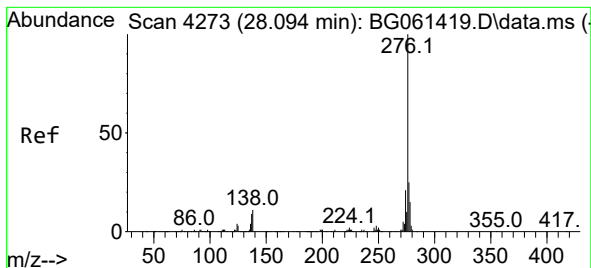


#93
Benzo(a)pyrene
Concen: 9.620 ng/ul
RT: 24.460 min Scan# 3654
Delta R.T. 0.010 min
Lab File: BG061425.D
Acq: 3 Jun 2024 16:07



Tgt Ion:252 Resp: 152232
Ion Ratio Lower Upper
252 100
253 22.5 16.4 24.6
125 6.1 4.3 6.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.035 ng/ul m

RT: 28.121 min Scan# 4277

Delta R.T. 0.028 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

Instrument :

BNA_G

ClientSampleId :

BHBN8

Tgt Ion:276 Resp: 115490

Ion Ratio Lower Upper

276 100

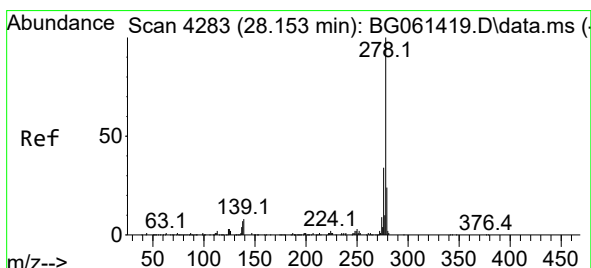
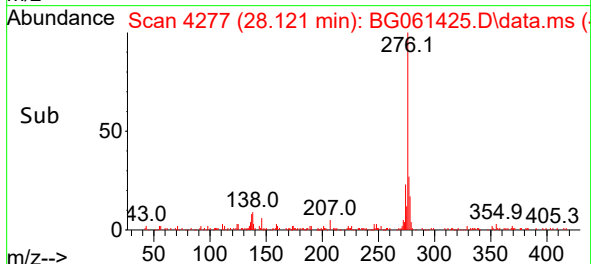
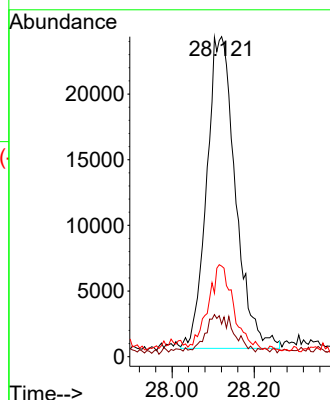
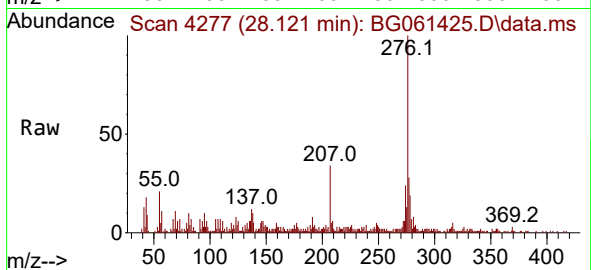
138 10.2 8.6 13.0

277 28.3 19.7 29.5

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.914 ng/ul m

RT: 28.144 min Scan# 4281

Delta R.T. 0.005 min

Lab File: BG061425.D

Acq: 3 Jun 2024 16:07

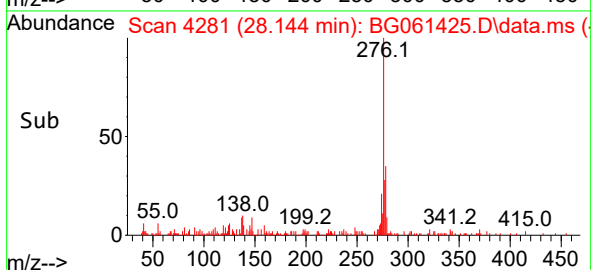
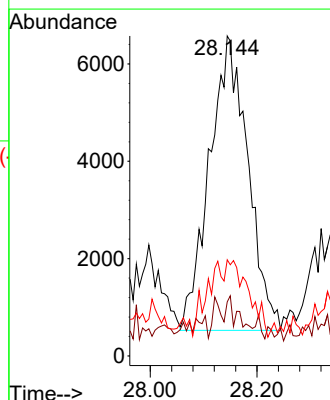
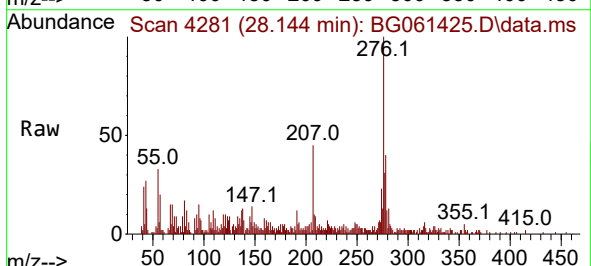
Tgt Ion:278 Resp: 30199

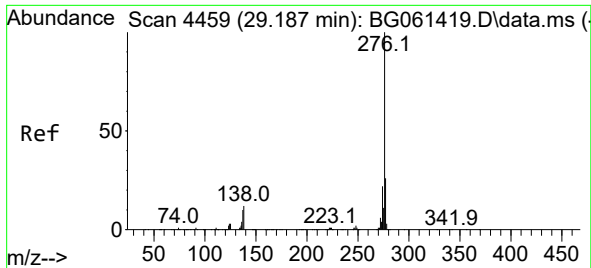
Ion Ratio Lower Upper

278 100

139 16.9 6.4 9.6#

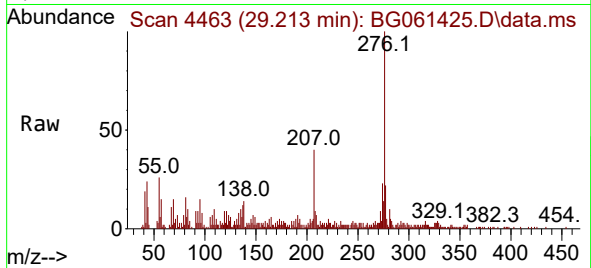
279 30.0 19.9 29.9#





#96
Benzo(g,h,i)perylene
Concen: 6.407 ng/ul
RT: 29.213 min Scan# 44
Delta R.T. 0.040 min
Lab File: BG061425.D
Acq: 3 Jun 2024 16:07

Instrument :
BNA_G
ClientSampleId :
BHBN8



Tgt Ion:276 Resp: 97538
Ion Ratio Lower Upper
276 100
138 14.4 8.7 13.1
277 22.4 18.2 27.2

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Supervised By :mohammad ahmed 06/05/2024

