

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061506.D
 Acq On : 6 Jun 2024 12:12
 Operator : MA/JU
 Sample : P2635-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHB7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 12:49:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	26992	20.000	ng/u1	0.00
20) Naphthalene-d8	10.673	136	97676	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.515	164	67197	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	153200	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	163320	20.000	ng/u1	0.00
88) Perylene-d12	24.615	264	188465	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	1983m	4.111	ng/uL	0.00
4) Pyridine-d5	3.769	84	4233m	2.467	ng/u1	0.00
7) Phenol-d5	7.071	99	41025	18.508	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.206	67	26163	18.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	39628	24.157	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	37076	19.616	ng/u1	0.00
21) Nitrobenzene-d5	9.033	128	20015	26.614	ng/u1	0.00
24) 2-Nitrophenol-d4	9.756	143	22769	25.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.308	165	43490	25.346	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	26830	11.952	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	139747	26.814	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	148861	27.474	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	9311	14.451	ng/u1	0.01
60) Fluorene-d10	15.508	176	119480	26.554	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.655	200	16479	17.785	ng/u1	0.00
73) Anthracene-d10	17.365	188	193420	28.637	ng/u1	0.00
81) Pyrene-d10	19.656	212	200509	23.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	172962	19.089	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.698	105	6512	2.019	ng/u1	93
50) Acenaphthylene	14.233	152	7442	1.239	ng/u1#	95
52) Acenaphthene	14.574	153	5808	1.474	ng/u1#	85
72) Phenanthrene	17.306	178	155090	20.858	ng/u1	98
74) Anthracene	17.400	178	21958	2.856	ng/u1	96
77) Carbazole	17.670	167	12445	1.990	ng/u1	97
80) Fluoranthene	19.327	202	534741	53.156	ng/u1	98
82) Pyrene	19.686	202	402698	38.565	ng/u1	99
83) Butylbenzylphthalate	20.573	149	10000	2.788	ng/u1	96
85) Benzo(a)anthracene	21.501	228	277451	24.620	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.407	149	45449	8.559	ng/u1#	95
87) Chrysene	21.566	228	315745	30.429	ng/u1	96
90) Benzo(b)fluoranthene	23.640	252	437121	38.955	ng/u1	99
91) Benzo(k)fluoranthene	23.693	252	156979m	13.781	ng/u1	
93) Benzo(a)pyrene	24.474	252	171858	16.129	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.129	276	162306	12.596	ng/u1	98
95) Dibenzo(a,h)anthracene	28.164	278	53748m	5.059	ng/u1	
96) Benzo(g,h,i)perylene	29.233	276	26631m	2.598	ng/u1	

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

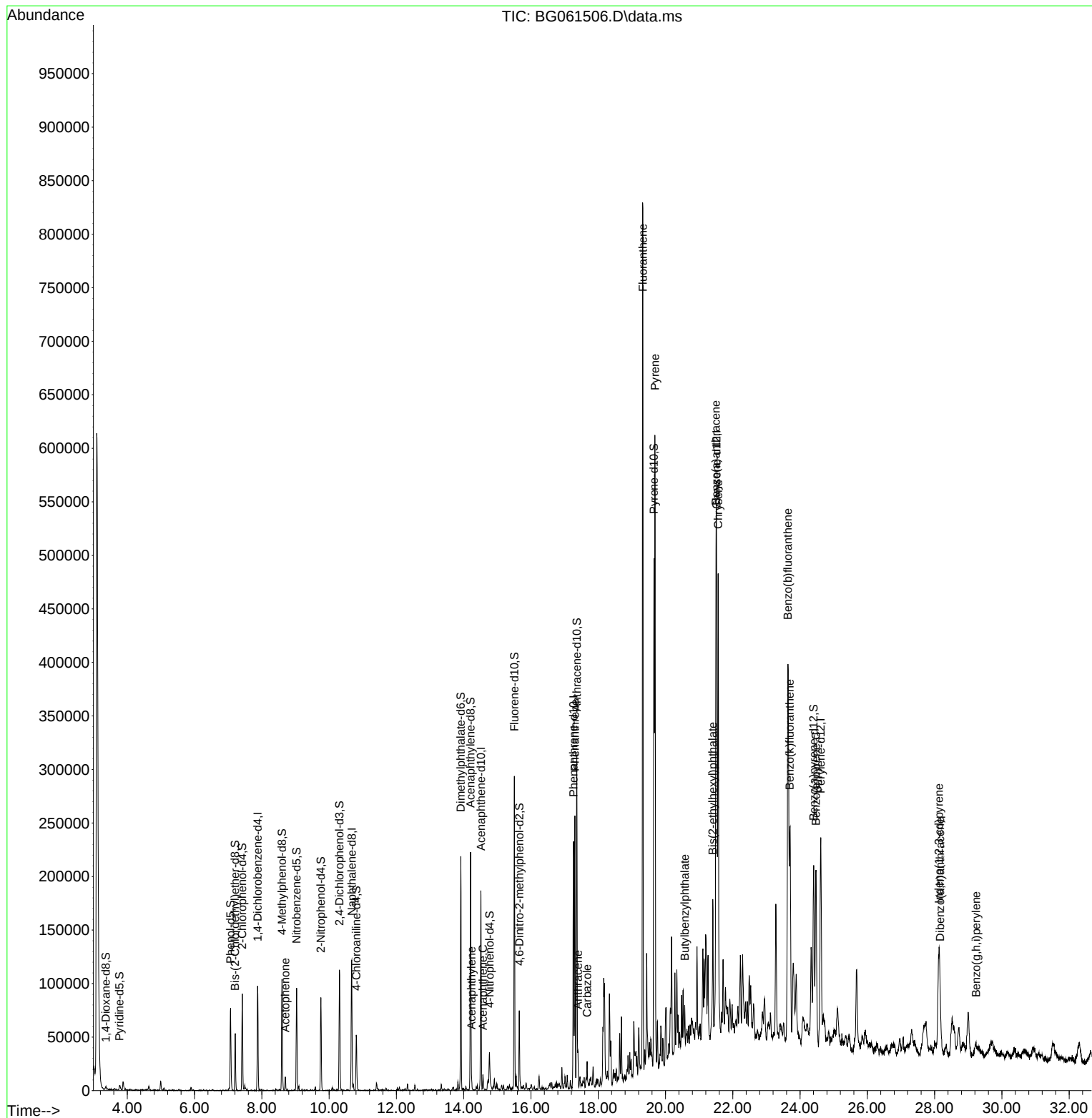
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
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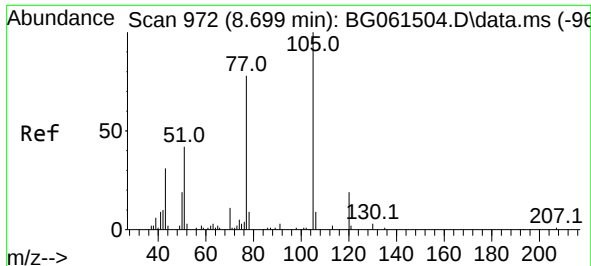
Instrument :
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 Quant Title : SVOA CALIBRATION
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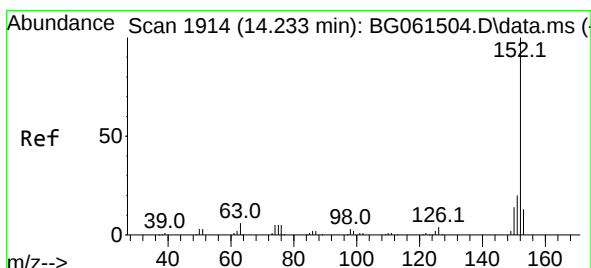
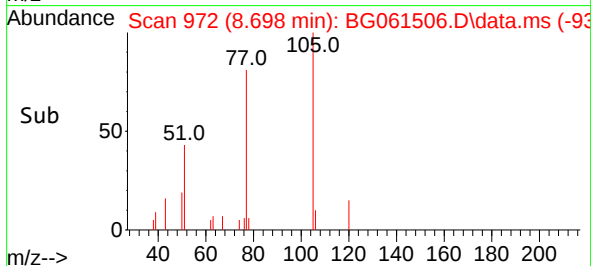
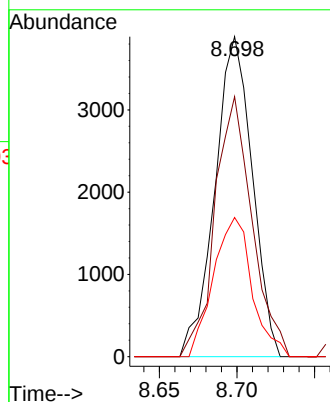
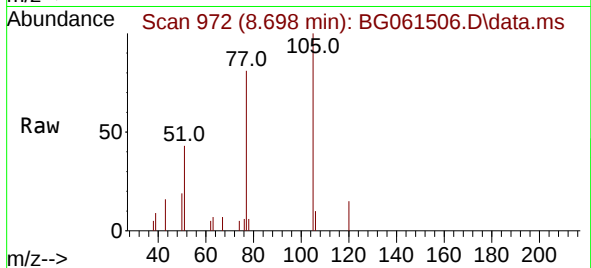
#16
Acetophenone
Concen: 2.019 ng/ul
RT: 8.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12

Instrument :
BNA_G
ClientSampleId :
BHBY7

Tgt Ion:105 Resp: 651
Ion Ratio Lower Upper
105 100
77 81.3 70.4 105.6
51 43.5 38.4 57.6

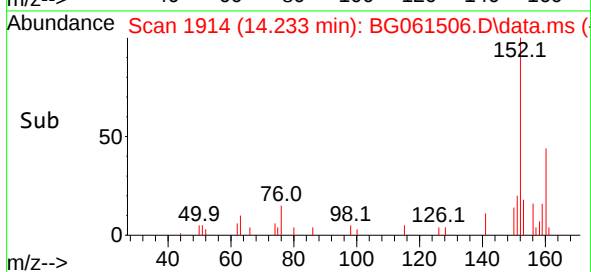
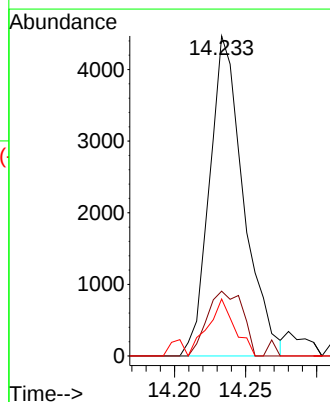
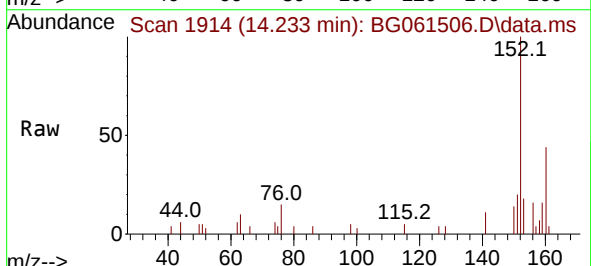
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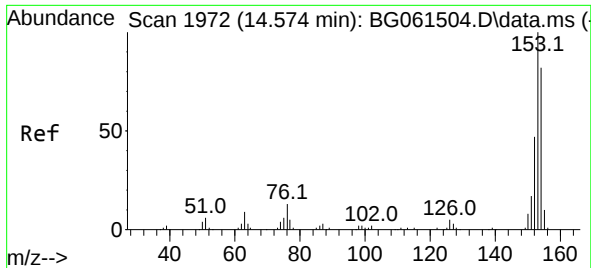
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#50
Acenaphthylene
Concen: 1.239 ng/ul
RT: 14.233 min Scan# 1914
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12

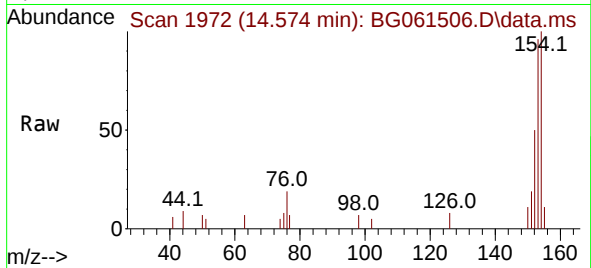
Tgt Ion:152 Resp: 7442
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 17.8 10.2 15.4#





#52
Acenaphthene
Concen: 1.474 ng/ul
RT: 14.574 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12

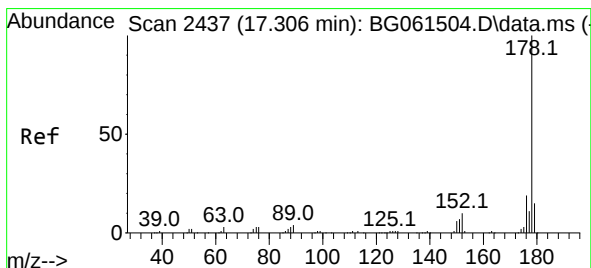
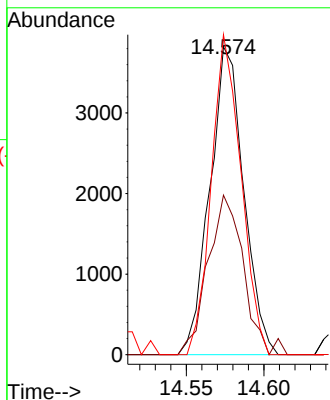
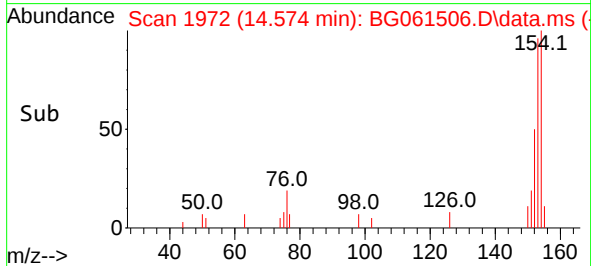
Instrument :
BNA_G
ClientSampleId :
BHY7



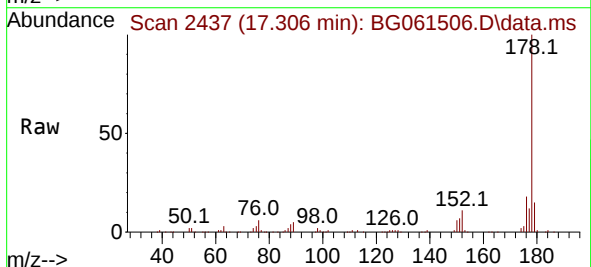
Tgt Ion:153 Resp: 5808
Ion Ratio Lower Upper
153 100
152 51.8 37.8 56.8
154 103.9 69.0 103.6

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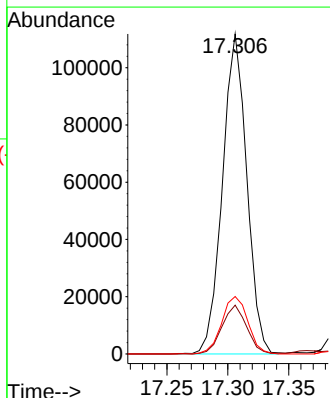
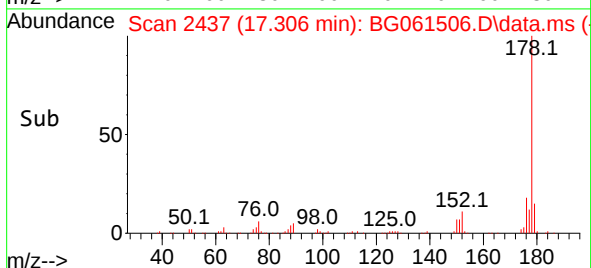
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

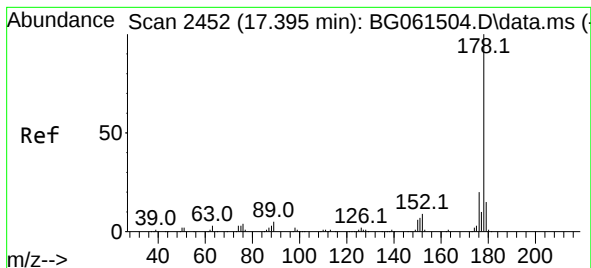


#72
Phenanthrene
Concen: 20.858 ng/ul
RT: 17.306 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12



Tgt Ion:178 Resp: 155090
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 18.0 15.5 23.3





#74

Anthracene

Concen: 2.856 ng/ul

RT: 17.400 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Instrument :

BNA_G

ClientSampleId :

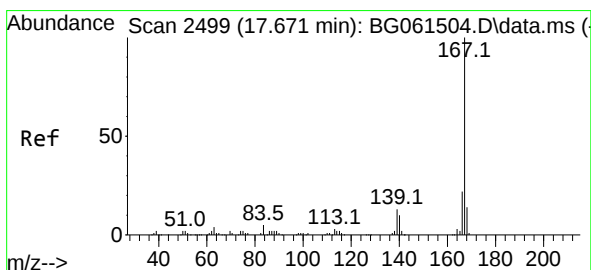
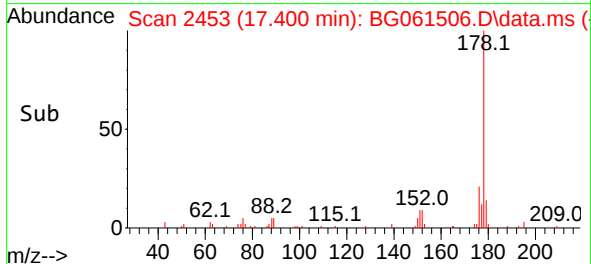
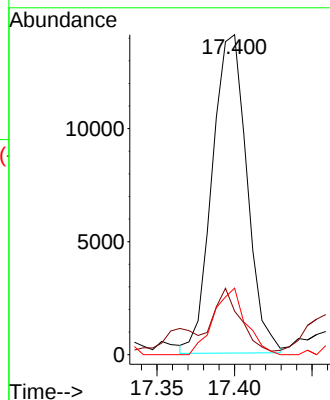
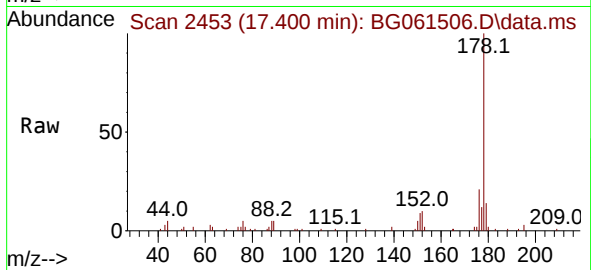
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Tgt Ion:178	Resp:	2195
Ion Ratio	Lower	Upper
178	100	
179	13.6	11.8 17.6
176	20.8	14.9 22.3

Manual Integrations

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#77

Carbazole

Concen: 1.990 ng/ul

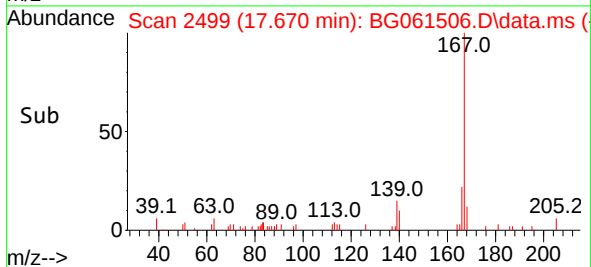
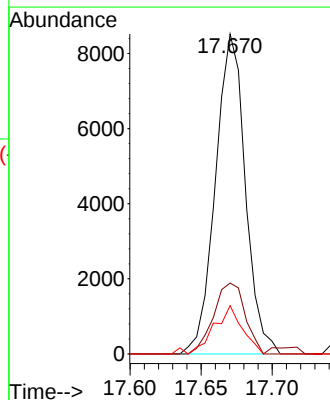
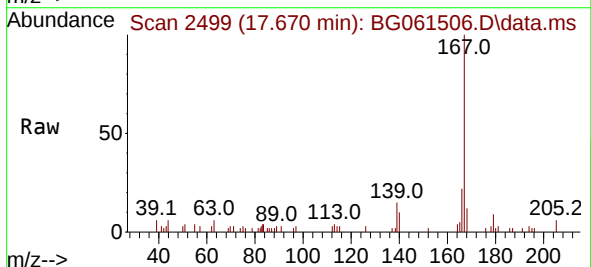
RT: 17.670 min Scan# 2499

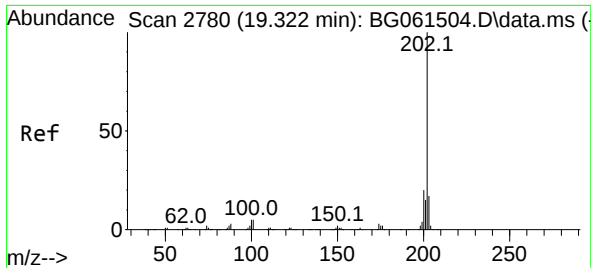
Delta R.T. -0.000 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

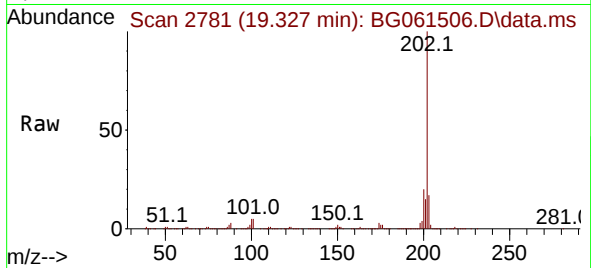
Tgt Ion:167	Resp:	12445
Ion Ratio	Lower	Upper
167	100	
166	22.1	18.6 28.0
139	15.1	10.6 15.8





#80
Fluoranthene
Concen: 53.156 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12

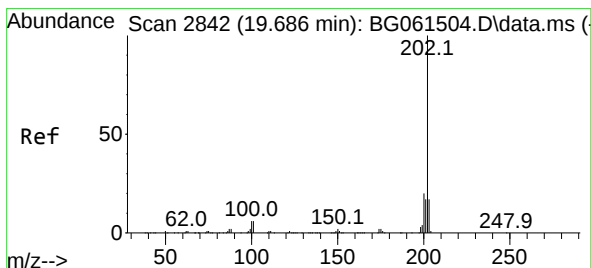
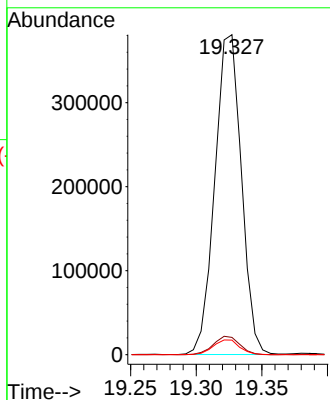
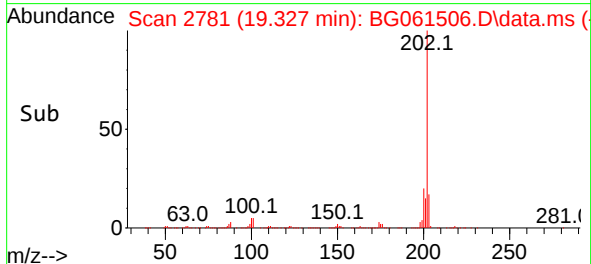
Instrument :
BNA_G
ClientSampleId :
BHY7



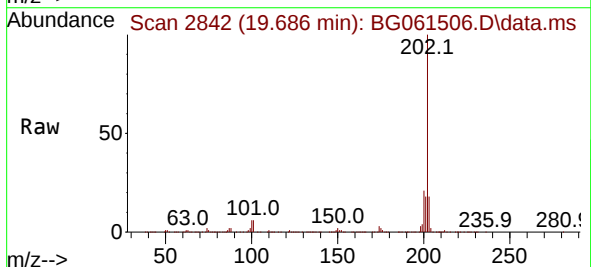
Tgt Ion:202 Resp: 53474
Ion Ratio Lower Upper
202 100
101 5.4 4.8 7.2
100 4.6 4.1 6.1

Manual Integrations
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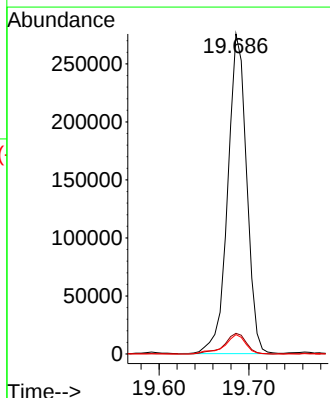
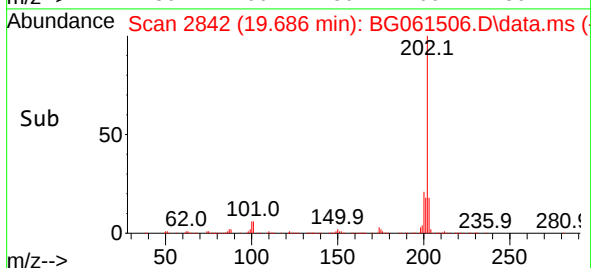
Reviewed By :Jagrut Upadhyay 06/07/2024
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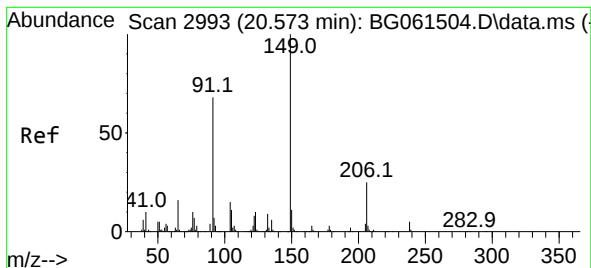


#82
Pyrene
Concen: 38.565 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12



Tgt Ion:202 Resp: 402698
Ion Ratio Lower Upper
202 100
101 6.4 5.7 8.5
100 6.1 5.1 7.7





#83

Butylbenzylphthalate

Concen: 2.788 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.000 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Instrument :

BNA_G

ClientSampleId :

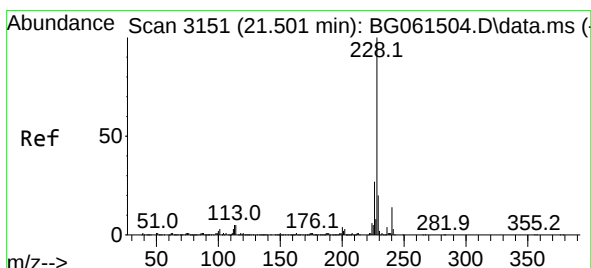
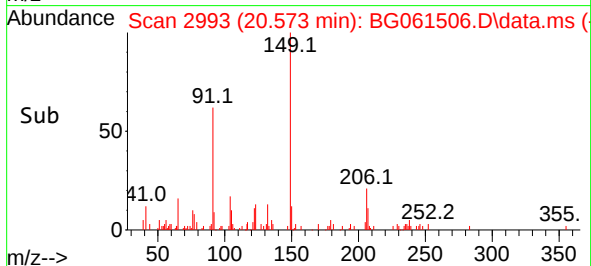
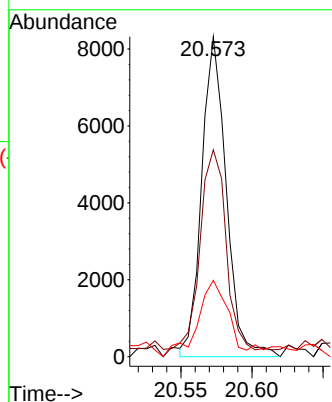
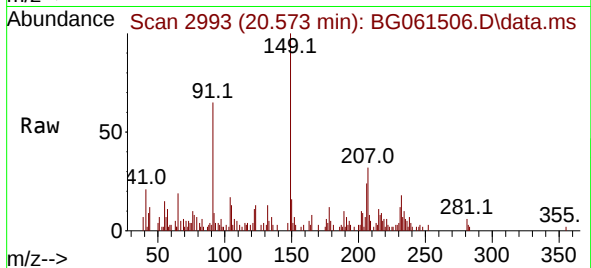
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Tgt Ion:	149	Resp:	1000
Ion Ratio	Lower	Upper	
149	100		
91	64.7	54.8	82.2
206	23.9	19.4	29.0

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#85

Benzo(a)anthracene

Concen: 24.620 ng/ul

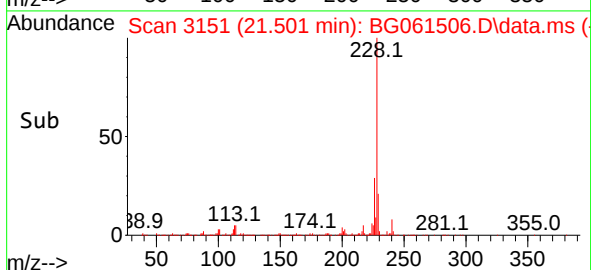
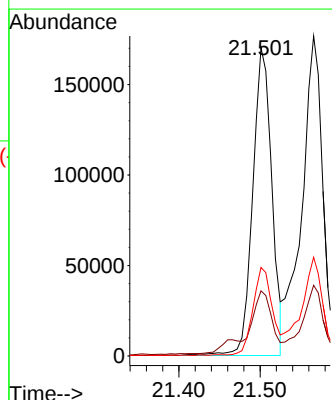
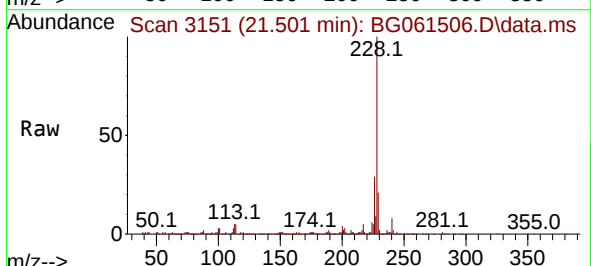
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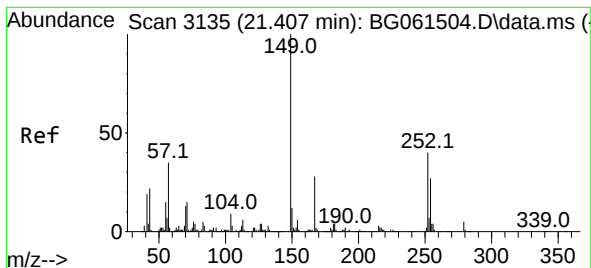
Delta R.T. -0.000 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

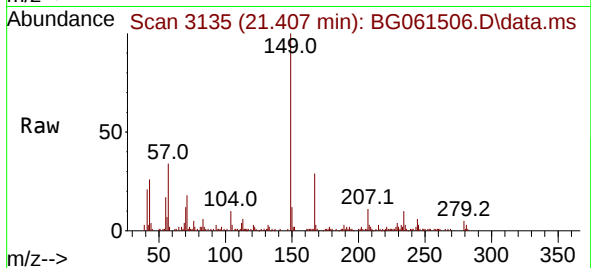
Tgt Ion:	228	Resp:	277451
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.2	22.8
226	28.7	21.4	32.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.559 ng/ul
RT: 21.407 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12

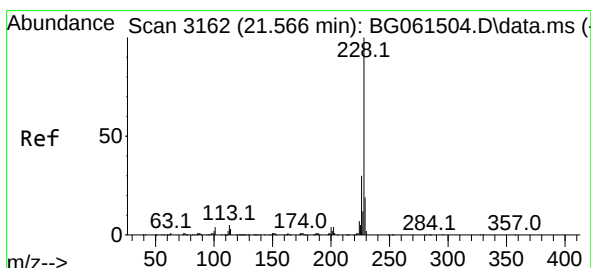
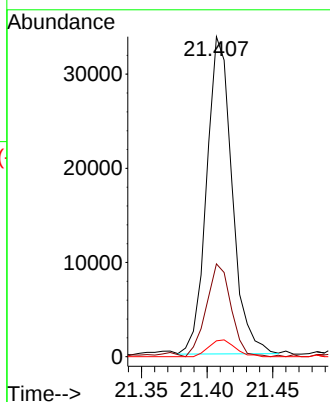
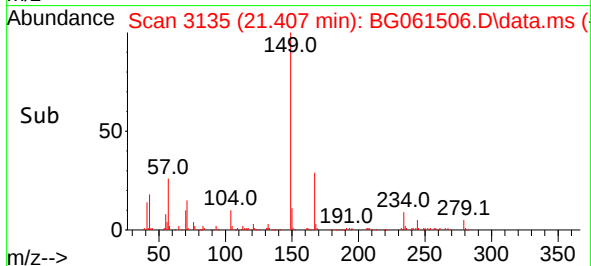
Instrument :
BNA_G
ClientSampleId :
BHBY7



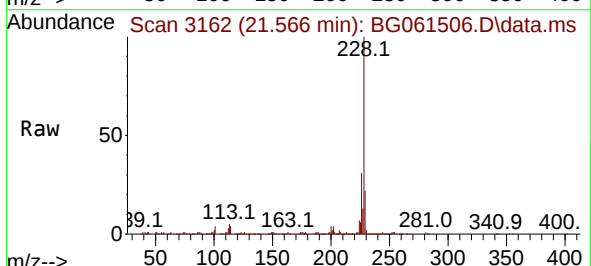
Tgt Ion:149 Resp: 45449
Ion Ratio Lower Upper
149 100
167 29.0 21.1 31.7
279 5.0 3.3 4.9

Manual Integrations
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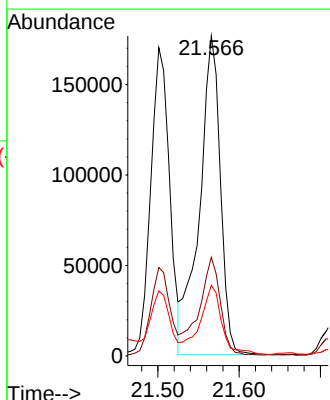
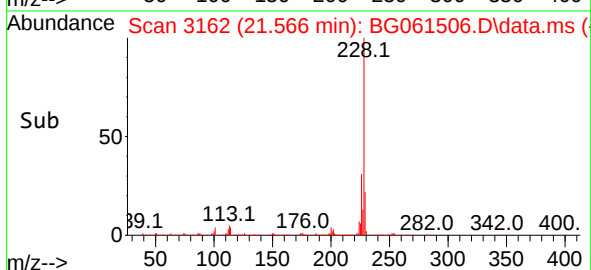
Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

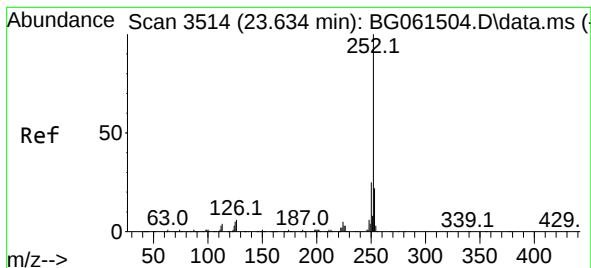


#87
Chrysene
Concen: 30.429 ng/ul
RT: 21.566 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BG061506.D
Acq: 6 Jun 2024 12:12



Tgt Ion:228 Resp: 315745
Ion Ratio Lower Upper
228 100
226 30.8 23.4 35.0
229 22.1 15.4 23.2





#90

Benzo(b)fluoranthene

Concen: 38.955 ng/ul

RT: 23.640 min Scan# 3514

Delta R.T. 0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Instrument :

BNA_G

ClientSampleId :

BHBY7

Tgt Ion:252 Resp: 43712

Ion Ratio Lower Upper

252 100

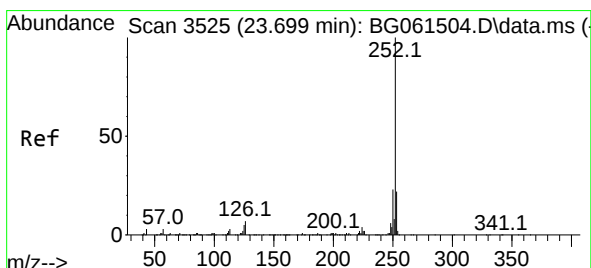
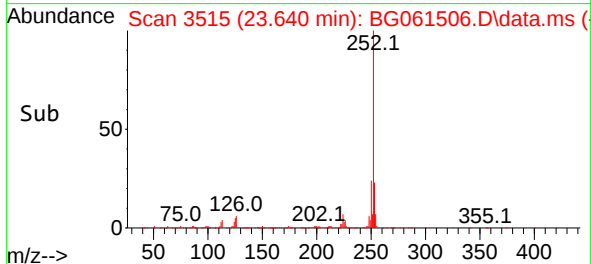
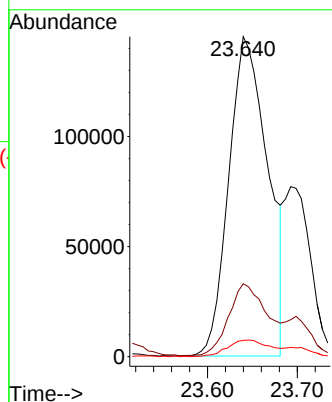
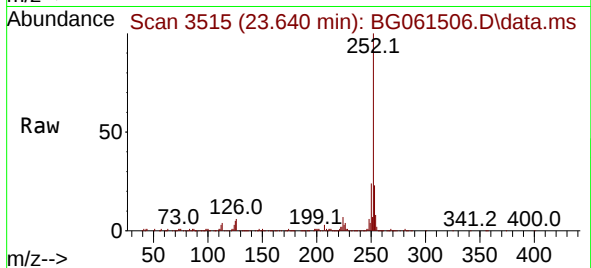
253 22.8 17.8 26.8

125 5.1 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#91

Benzo(k)fluoranthene

Concen: 13.781 ng/ul m

RT: 23.693 min Scan# 3524

Delta R.T. -0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

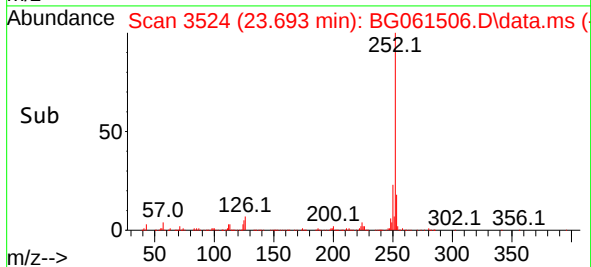
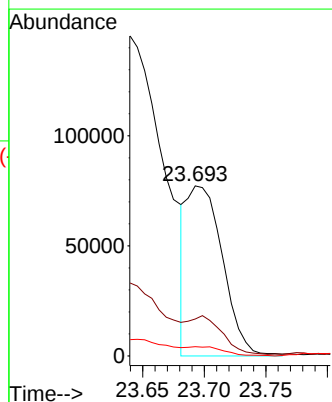
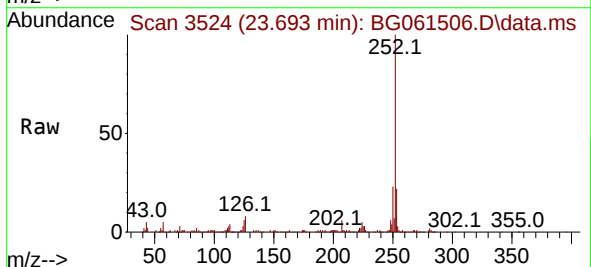
Tgt Ion:252 Resp: 156979

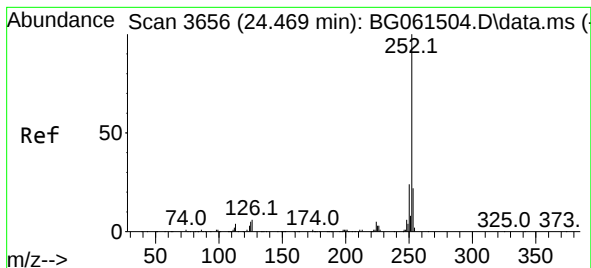
Ion Ratio Lower Upper

252 100

253 21.7 16.0 24.0

125 5.5 4.3 6.5





#93

Benzo(a)pyrene

Concen: 16.129 ng/ul

RT: 24.474 min Scan# 30

Delta R.T. 0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Instrument :

BNA_G

ClientSampleId :

BHBY7

Tgt Ion:252 Resp: 171858

Ion Ratio Lower Upper

252 100

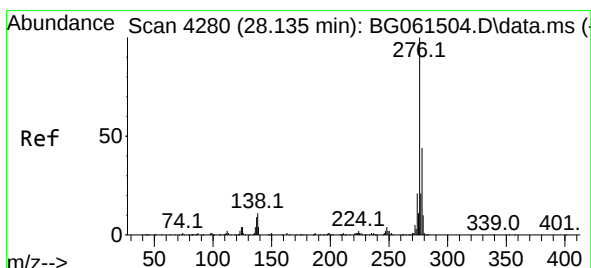
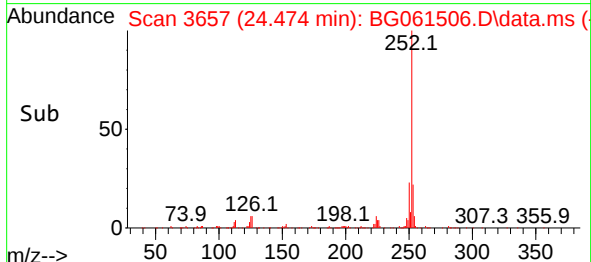
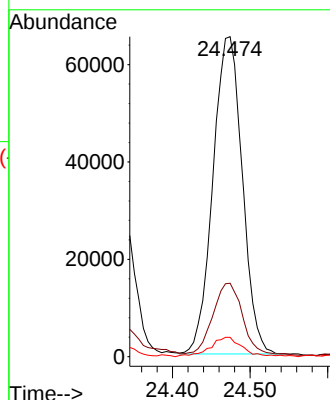
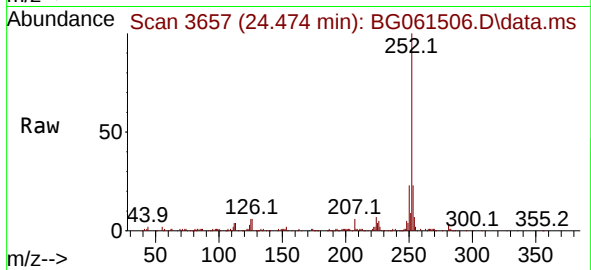
253 23.0 16.4 24.6

125 6.1 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 12.596 ng/ul

RT: 28.129 min Scan# 4279

Delta R.T. -0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

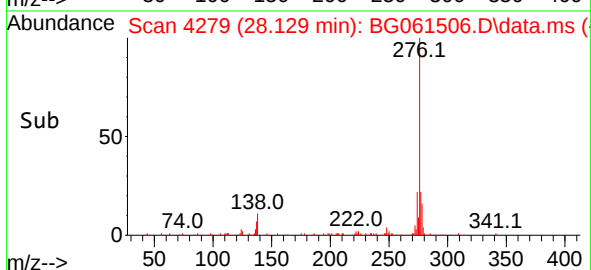
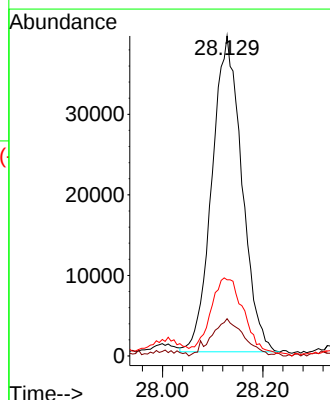
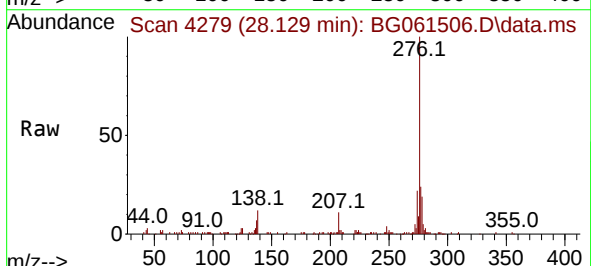
Tgt Ion:276 Resp: 162306

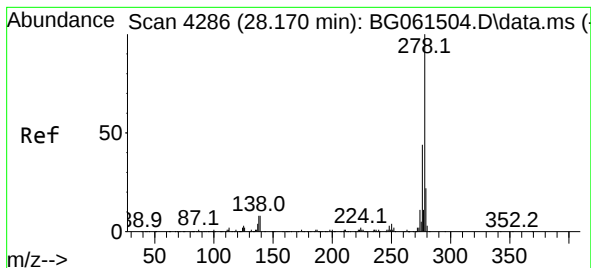
Ion Ratio Lower Upper

276 100

138 11.6 8.6 13.0

277 23.8 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 5.059 ng/ul m

RT: 28.164 min Scan# 4286

Delta R.T. -0.006 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Instrument :

BNA_G

ClientSampleId :

BHBY7

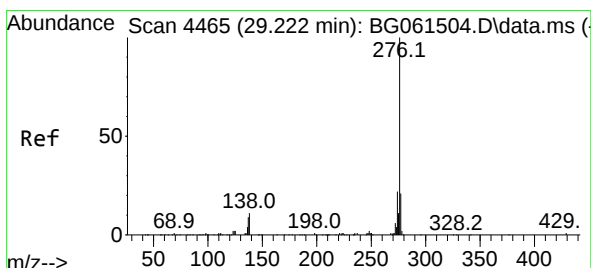
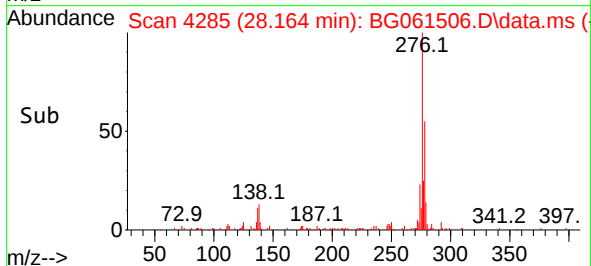
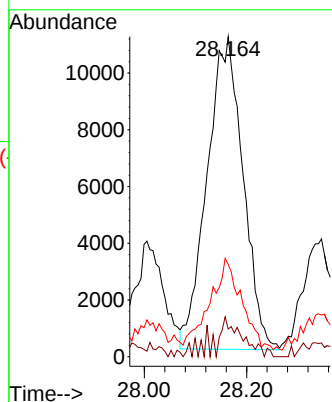
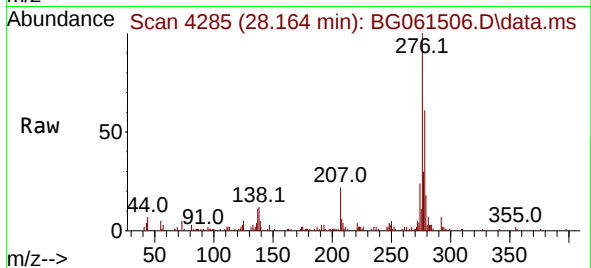
Tgt Ion:278 Resp: 5374

Ion	Ratio	Lower	Upper
278	100		
139	8.7	6.4	9.6
279	28.8	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024



#96

Benzo(g,h,i)perylene

Concen: 2.598 ng/ul m

RT: 29.233 min Scan# 4467

Delta R.T. 0.011 min

Lab File: BG061506.D

Acq: 6 Jun 2024 12:12

Tgt Ion:276 Resp: 26631

Ion	Ratio	Lower	Upper
276	100		
138	8.2	8.7	13.1#
277	29.1	18.2	27.2#

