

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057963.D
 Acq On : 3 Jul 2023 20:31
 Operator : CG/JU
 Sample : 03246-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK8

Manual Integrations
 APPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 04 04:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	45041	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	220592	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.571	164	156710	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.309	188	337776	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	266465	20.000	ng/u1	0.00
88) Perylene-d12	24.730	264	330308	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.378	96	5435	4.225	ng/uL	0.01
4) Pyridine-d5	3.784	84	16795	4.301	ng/u1	0.00
7) Phenol-d5	7.097	99	123964	26.950	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	79680	28.745	ng/u1	0.00
11) 2-Chlorophenol-d4	7.467	132	94117	29.667	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	80119	23.084	ng/u1	0.00
21) Nitrobenzene-d5	9.095	128	50603	28.145	ng/u1	0.00
24) 2-Nitrophenol-d4	9.818	143	55892	29.579	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	102726	28.339	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	40926	7.447	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	339637	27.468	ng/u1	0.00
49) Acenaphthylene-d8	14.259	160	402058	29.798	ng/u1	0.00
54) 4-Nitrophenol-d4	14.765	143	33996	15.562	ng/u1	0.00
60) Fluorene-d10	15.558	176	306676	29.205	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	41111	22.414	ng/u1	0.00
73) Anthracene-d10	17.409	188	449166	28.657	ng/u1	0.00
81) Pyrene-d10	19.700	212	507914	30.265	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.512	264	509571	30.280	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.356	178	210646	12.260	ng/u1	100
74) Anthracene	17.444	178	22404	1.289	ng/u1	98
80) Fluoranthene	19.365	202	575740	29.607	ng/u1	100
82) Pyrene	19.730	202	455312	23.260	ng/u1	99
85) Benzo(a)anthracene	21.545	228	250339	13.084	ng/u1	99
87) Chrysene	21.610	228	307431	17.141	ng/u1	96
90) Benzo(b)fluoranthene	23.725	252	465251	22.749	ng/u1	99
91) Benzo(k)fluoranthene	23.784	252	160488m	8.006	ng/u1	
93) Benzo(a)pyrene	24.577	252	289556	15.996	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.325	276	241914	10.064	ng/u1	100
95) Dibenzo(a,h)anthracene	28.361	278	64507m	3.254	ng/u1	
96) Benzo(g,h,i)perylene	29.453	276	208859m	10.638	ng/u1	

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

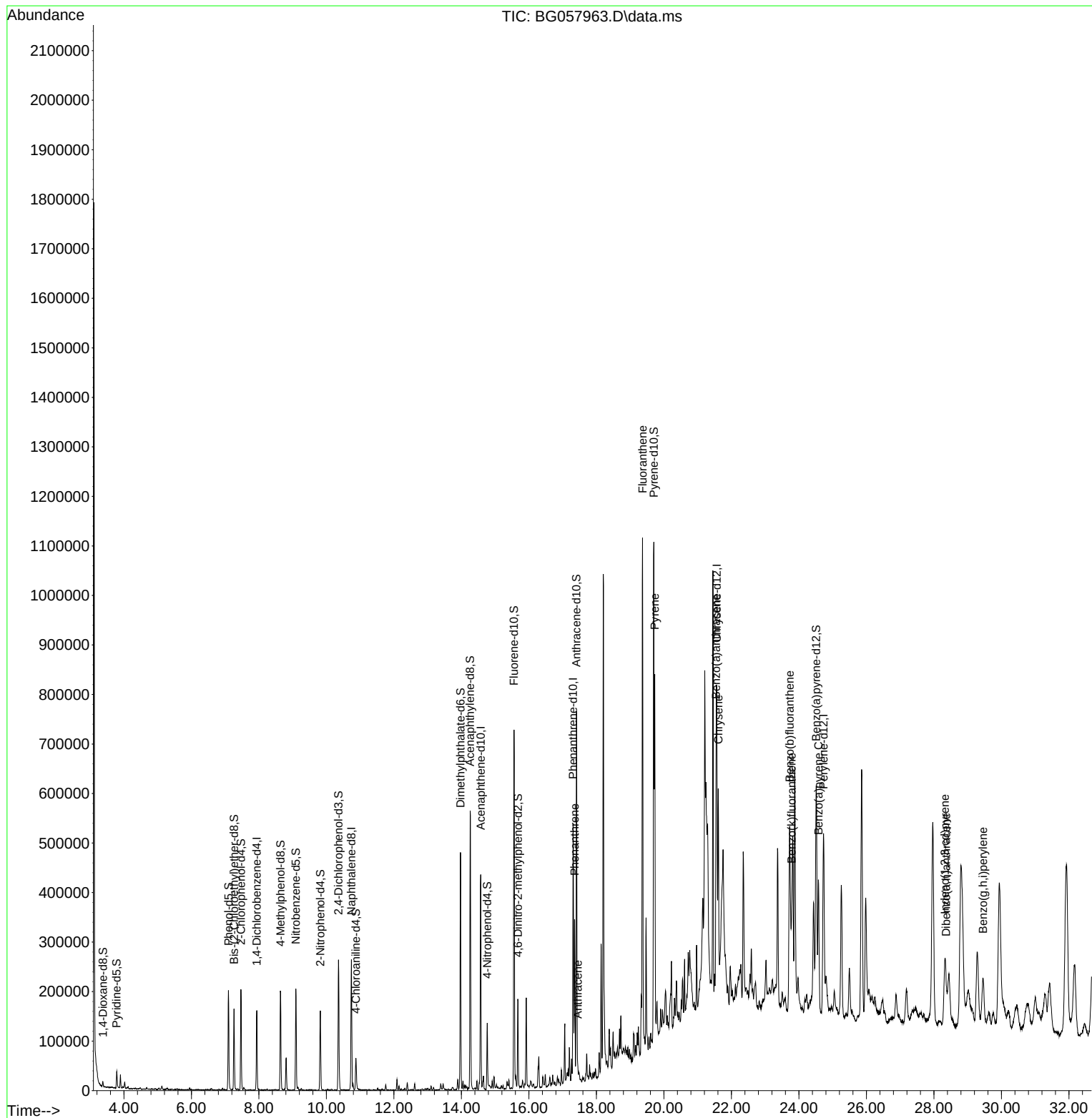
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057963.D
Acq On : 3 Jul 2023 20:31
Operator : CG/JU
Sample : 03246-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

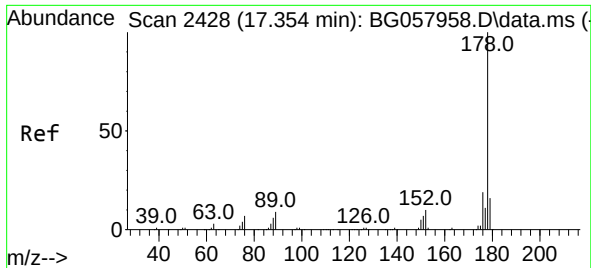
Instrument :
BNA_G
ClientSampleId :
DCGK8

Quant Time: Jul 04 04:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

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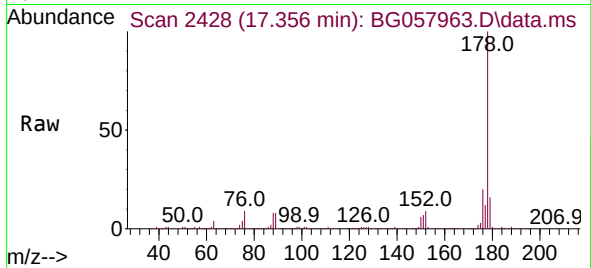
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023





#72
Phenanthrene
Concen: 12.260 ng/ul
RT: 17.356 min Scan# 2428
Delta R.T. 0.008 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

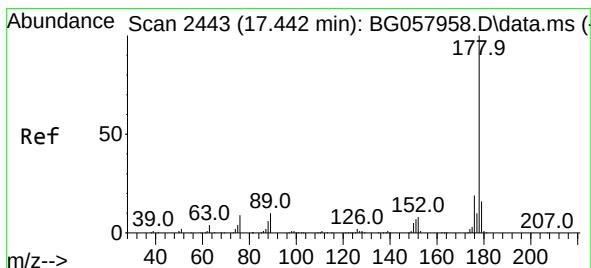
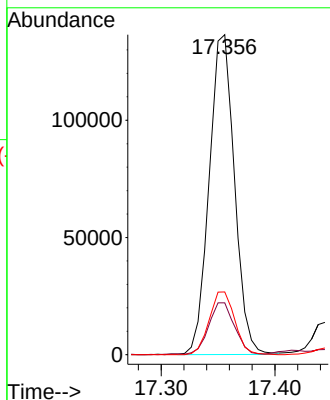
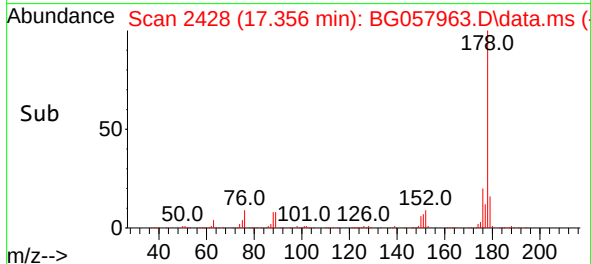
Instrument :
BNA_G
ClientSampleId :
DCGK8



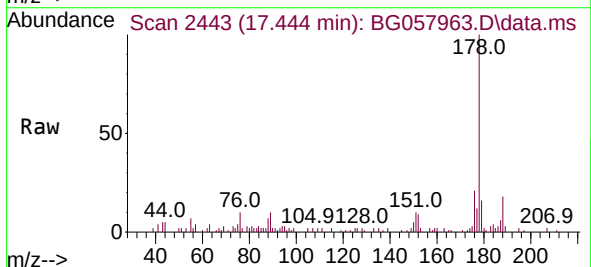
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Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.6 15.7 23.5

Manual Integrations
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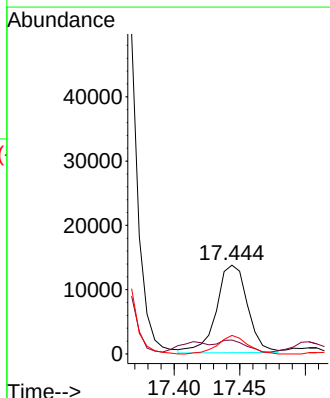
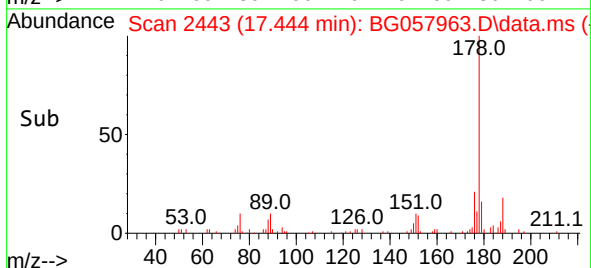
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

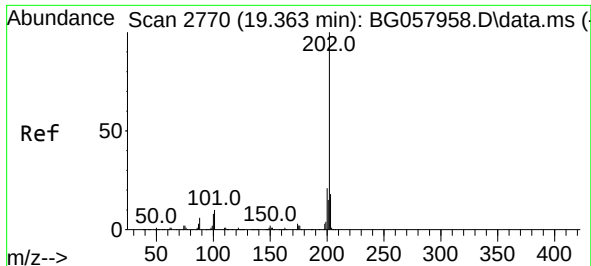


#74
Anthracene
Concen: 1.289 ng/ul
RT: 17.444 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31



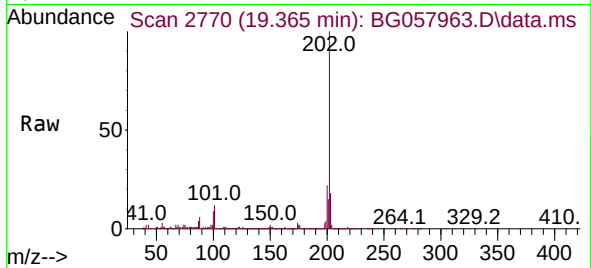
Tgt Ion:178 Resp: 22404
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 20.9 15.4 23.2





#80
Fluoranthene
Concen: 29.607 ng/u1
RT: 19.365 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

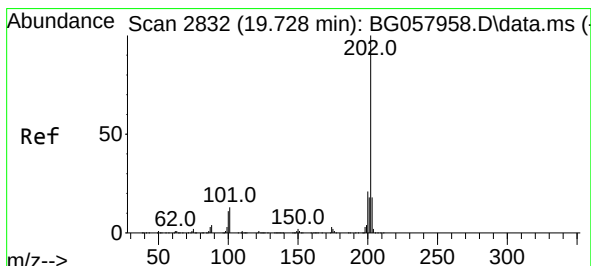
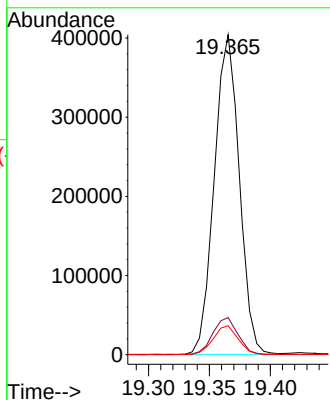
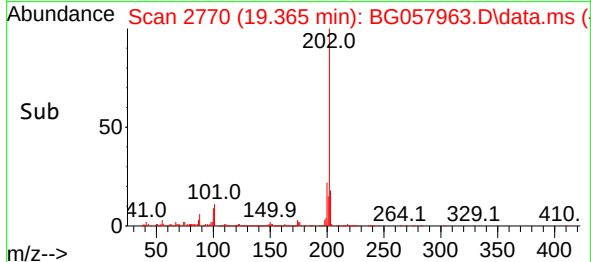
Instrument :
BNA_G
ClientSampleId :
DCGK8



Tgt Ion:202 Resp: 575740
Ion Ratio Lower Upper
202 100
101 11.6 9.1 13.7
100 9.0 7.1 10.7

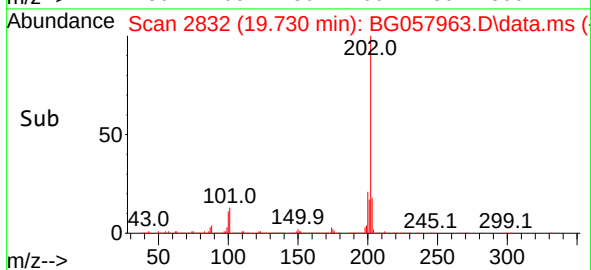
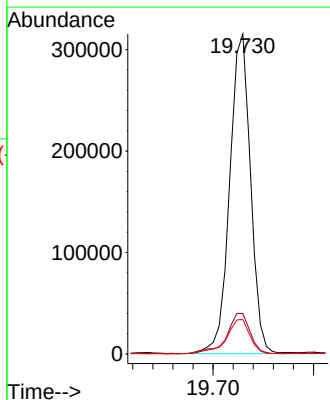
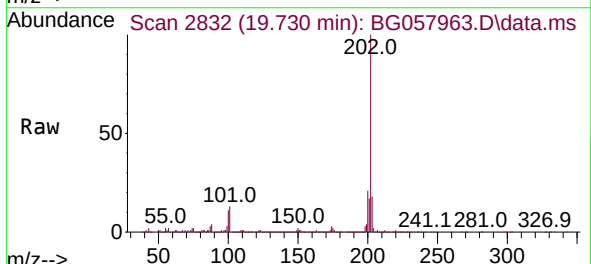
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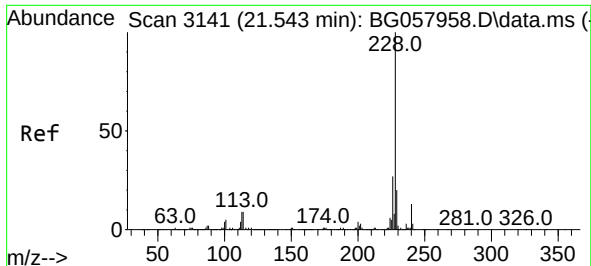
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#82
Pyrene
Concen: 23.260 ng/u1
RT: 19.730 min Scan# 2832
Delta R.T. 0.008 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

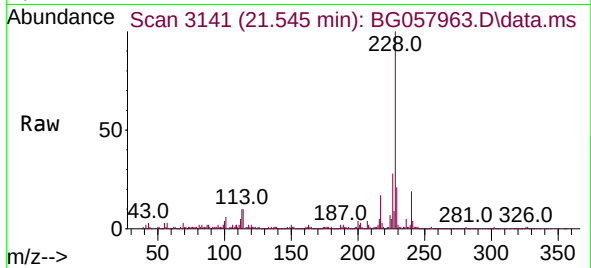
Tgt Ion:202 Resp: 455312
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.2
100 10.8 8.9 13.3





#85
Benzo(a)anthracene
Concen: 13.084 ng/ul
RT: 21.545 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

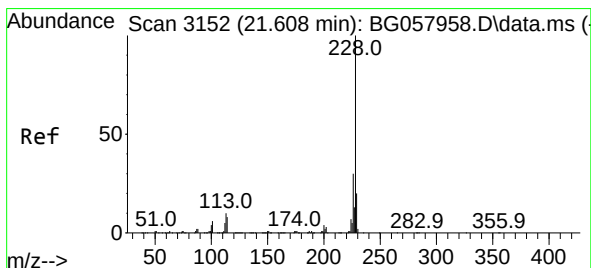
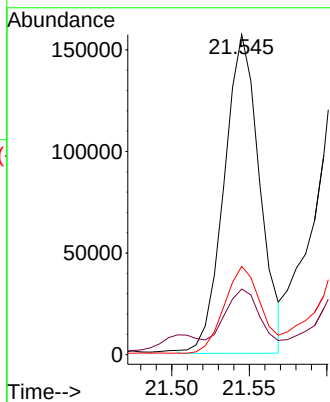
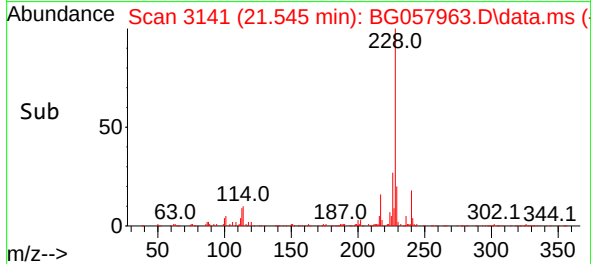
Instrument :
BNA_G
ClientSampleId :
DCGK8



Tgt Ion:228 Resp: 250339
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 27.6 22.0 33.0

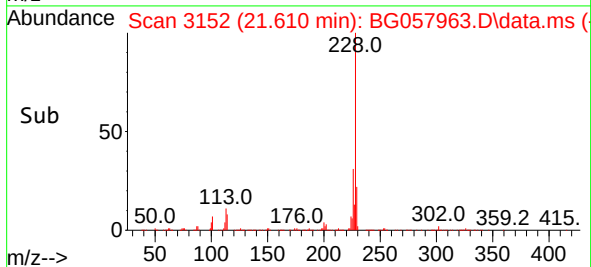
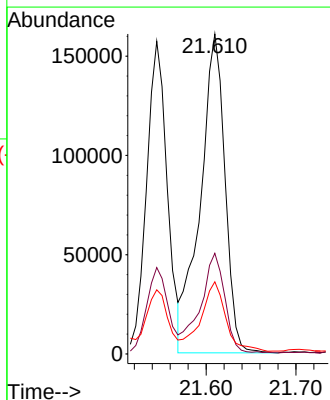
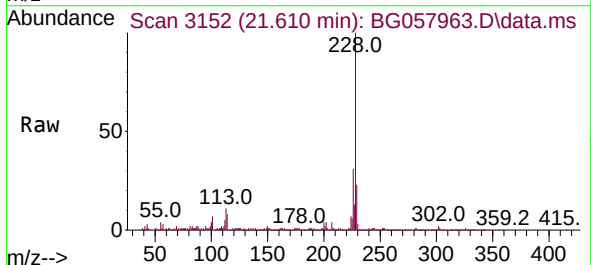
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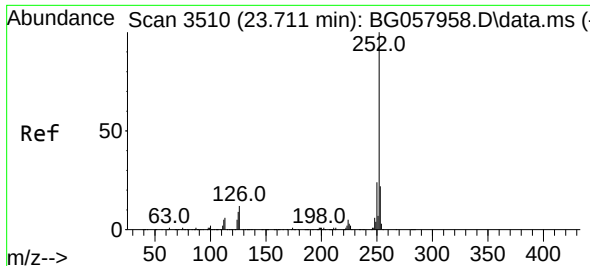
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#87
Chrysene
Concen: 17.141 ng/ul
RT: 21.610 min Scan# 3152
Delta R.T. 0.002 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

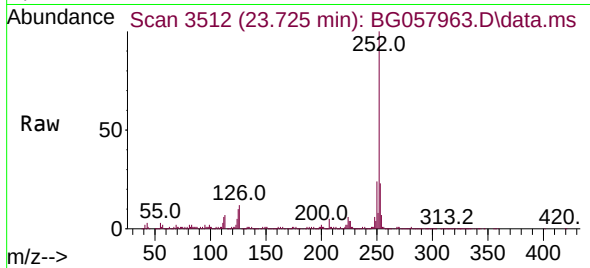
Tgt Ion:228 Resp: 307431
Ion Ratio Lower Upper
228 100
226 31.5 24.4 36.6
229 22.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 22.749 ng/ul
RT: 23.725 min Scan# 3510
Delta R.T. 0.014 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

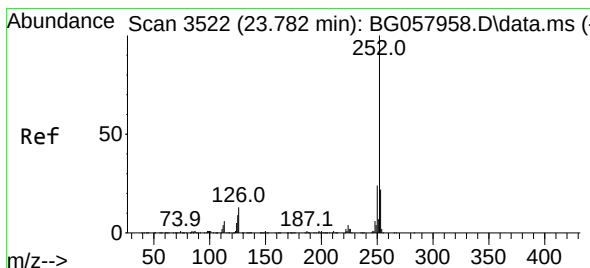
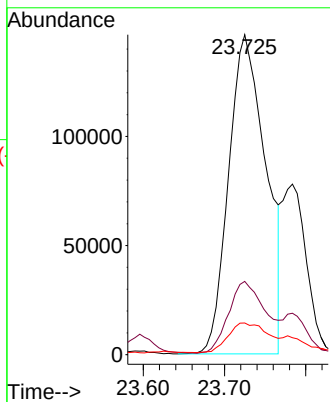
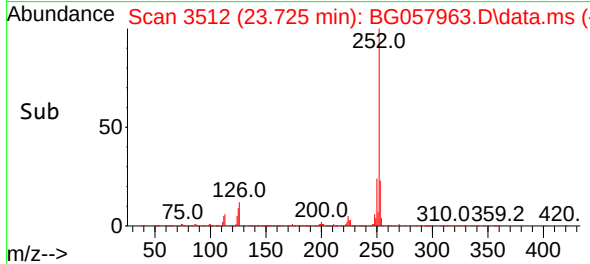
Instrument :
BNA_G
ClientSampleId :
DCGK8



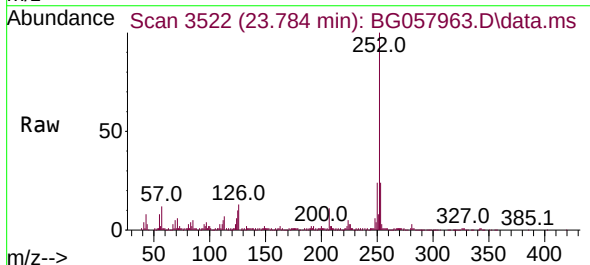
Tgt Ion:252 Resp: 46525
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 9.9 7.5 11.3

Manual Integrations
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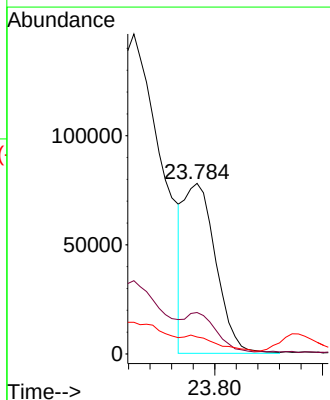
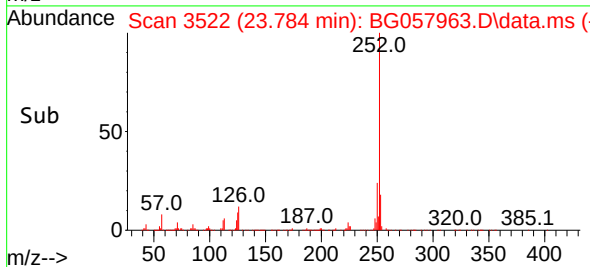
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

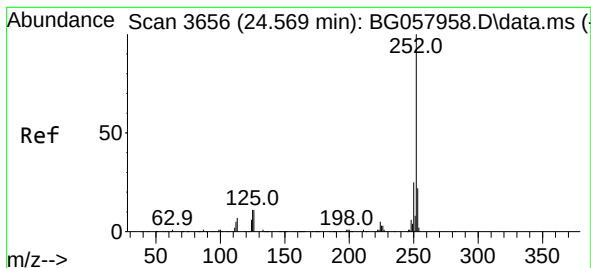


#91
Benzo(k)fluoranthene
Concen: 8.006 ng/ul m
RT: 23.784 min Scan# 3522
Delta R.T. 0.008 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31



Tgt Ion:252 Resp: 160488
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 9.9 7.4 11.2





#93

Benzo(a)pyrene

Concen: 15.996 ng/ul

RT: 24.577 min Scan# 3657

Delta R.T. 0.008 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

Instrument :

BNA_G

ClientSampleId :

DCGK8

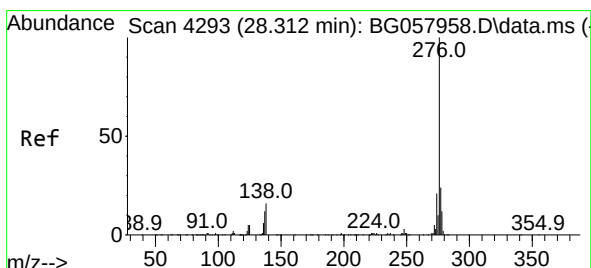
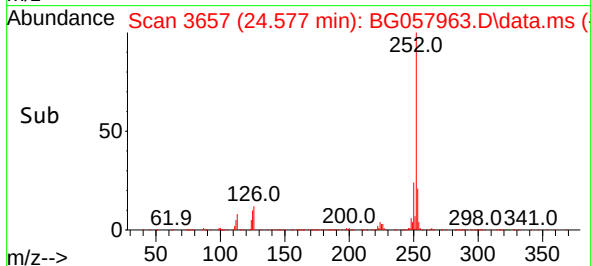
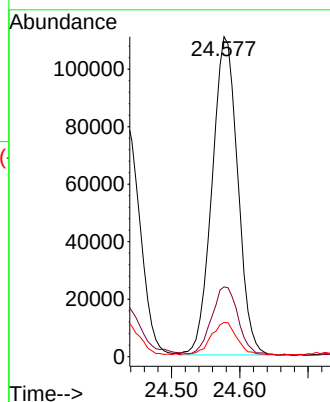
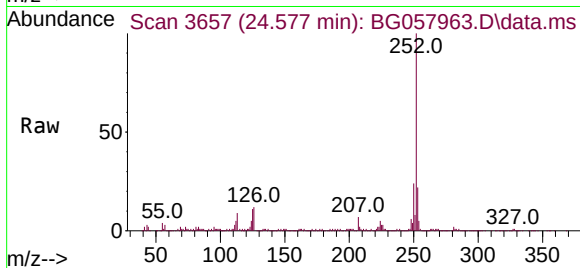
Tgt Ion:252 Resp: 289550
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.6
 125 10.7 8.3 12.5

Manual Integrations

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Reviewed By :Sohil Jodhani 07/04/2023

Supervised By :mohammad ahmed 07/04/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.064 ng/ul

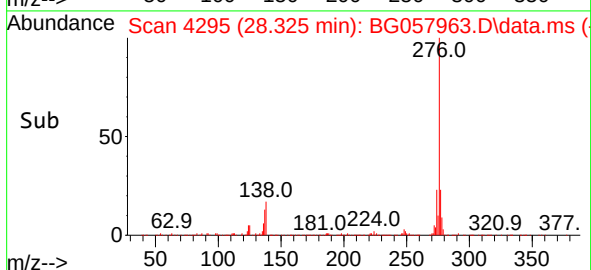
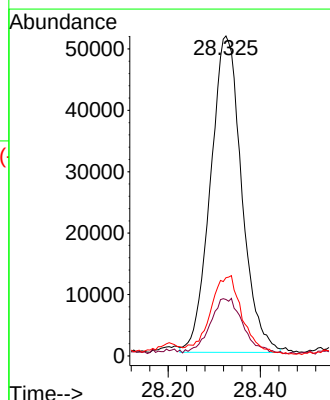
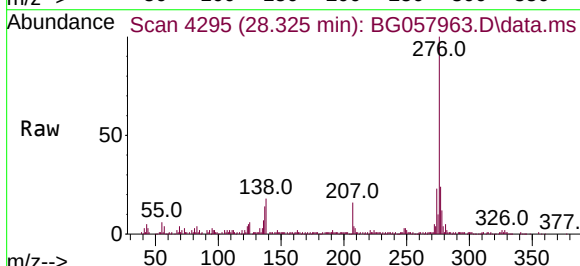
RT: 28.325 min Scan# 4295

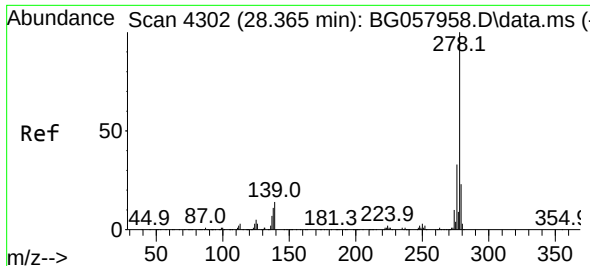
Delta R.T. 0.020 min

Lab File: BG057963.D

Acq: 3 Jul 2023 20:31

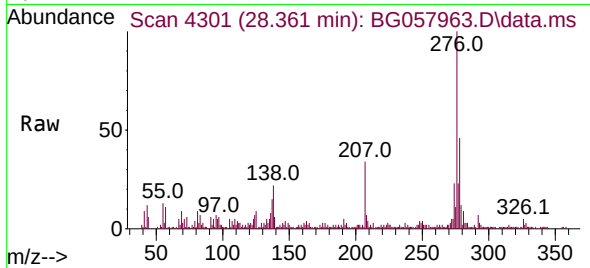
Tgt Ion:276 Resp: 241914
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.0 21.0
 277 24.5 19.4 29.2





#95
Dibenzo(a,h)anthracene
Concen: 3.254 ng/ul m
RT: 28.361 min Scan# 4302
Delta R.T. -0.010 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

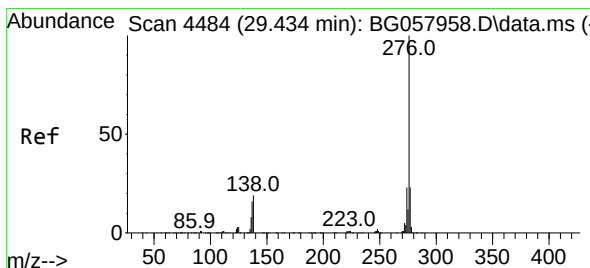
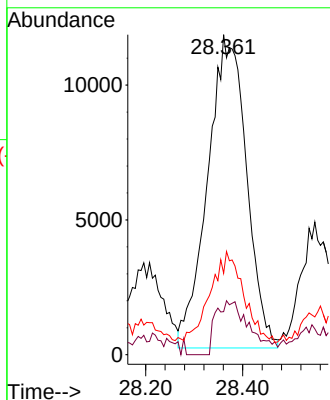
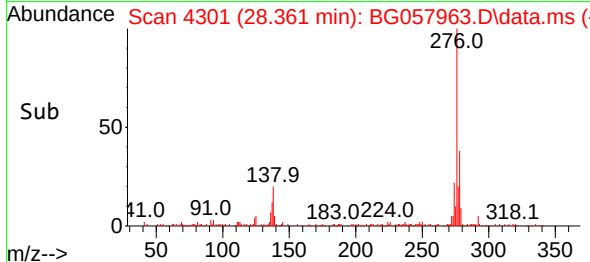
Instrument :
BNA_G
ClientSampleId :
DCGK8



Tgt Ion:278 Resp: 6450
Ion Ratio Lower Upper
278 100
139 13.5 11.3 16.9
279 25.5 18.9 28.3

Manual Integrations
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Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#96
Benzo(g,h,i)perylene
Concen: 10.638 ng/ul m
RT: 29.453 min Scan# 4487
Delta R.T. 0.026 min
Lab File: BG057963.D
Acq: 3 Jul 2023 20:31

Tgt Ion:276 Resp: 208859
Ion Ratio Lower Upper
276 100
138 19.7 14.2 21.2
277 23.2 18.6 27.8

