

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057981.D
 Acq On : 4 Jul 2023 9:50
 Operator : CG/JU
 Sample : 03247-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGM0

Quant Time: Jul 05 00:29:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 04 05:09:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	51444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.744	136	233638	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.574	164	152088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.318	188	322503	20.000	ng/u1	0.00
79) Chrysene-d12	21.572	240	256692	20.000	ng/u1	0.00
88) Perylene-d12	24.739	264	317617	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	4407	3.000	ng/uL	0.00
4) Pyridine-d5	3.793	84	3265	0.732	ng/u1	0.00
7) Phenol-d5	7.107	99	103175	19.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	63227	19.970	ng/u1	0.00
11) 2-Chlorophenol-d4	7.471	132	79274	21.878	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	68242	17.215	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	40139	21.079	ng/u1	0.00
24) 2-Nitrophenol-d4	9.827	143	44122	22.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.362	165	79745	20.771	ng/u1	0.00
31) 4-Chloroaniline-d4	10.879	131	50665	8.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	252177	21.015	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	294611	22.498	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	29608	13.965	ng/u1	0.00
60) Fluorene-d10	15.561	176	220629	21.649	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	25172	14.374	ng/u1	0.00
73) Anthracene-d10	17.412	188	325295	21.737	ng/u1	0.00
81) Pyrene-d10	19.704	212	370119	22.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.527	264	373510	23.082	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.796	128	35159	2.678	ng/u1#	92
36) 2-Methylnaphthalene	12.400	142	13193	1.491	ng/u1	98
37) 1-Methylnaphthalene	12.618	142	12507	1.409	ng/u1	97
52) Acenaphthene	14.639	153	10496	1.082	ng/u1	96
61) Fluorene	15.620	166	17246	1.524	ng/u1	99
72) Phenanthrene	17.359	178	347112	21.159	ng/u1	99
74) Anthracene	17.447	178	46569	2.805	ng/u1	96
80) Fluoranthene	19.369	202	601976	32.135	ng/u1	99
82) Pyrene	19.733	202	584095	30.976	ng/u1	99
85) Benzo(a)anthracene	21.554	228	323633	17.559	ng/u1	97
87) Chrysene	21.619	228	340656	19.717	ng/u1	95
90) Benzo(b)fluoranthene	23.734	252	484637	24.643	ng/u1	98
91) Benzo(k)fluoranthene	23.793	252	158937m	8.245	ng/u1	
93) Benzo(a)pyrene	24.598	252	325201	18.683	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.352	276	224362	9.707	ng/u1	98
95) Dibenzo(a,h)anthracene	28.399	278	53369	2.800	ng/u1#	89
96) Benzo(g,h,i)perylene	29.486	276	206438m	10.934	ng/u1	

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

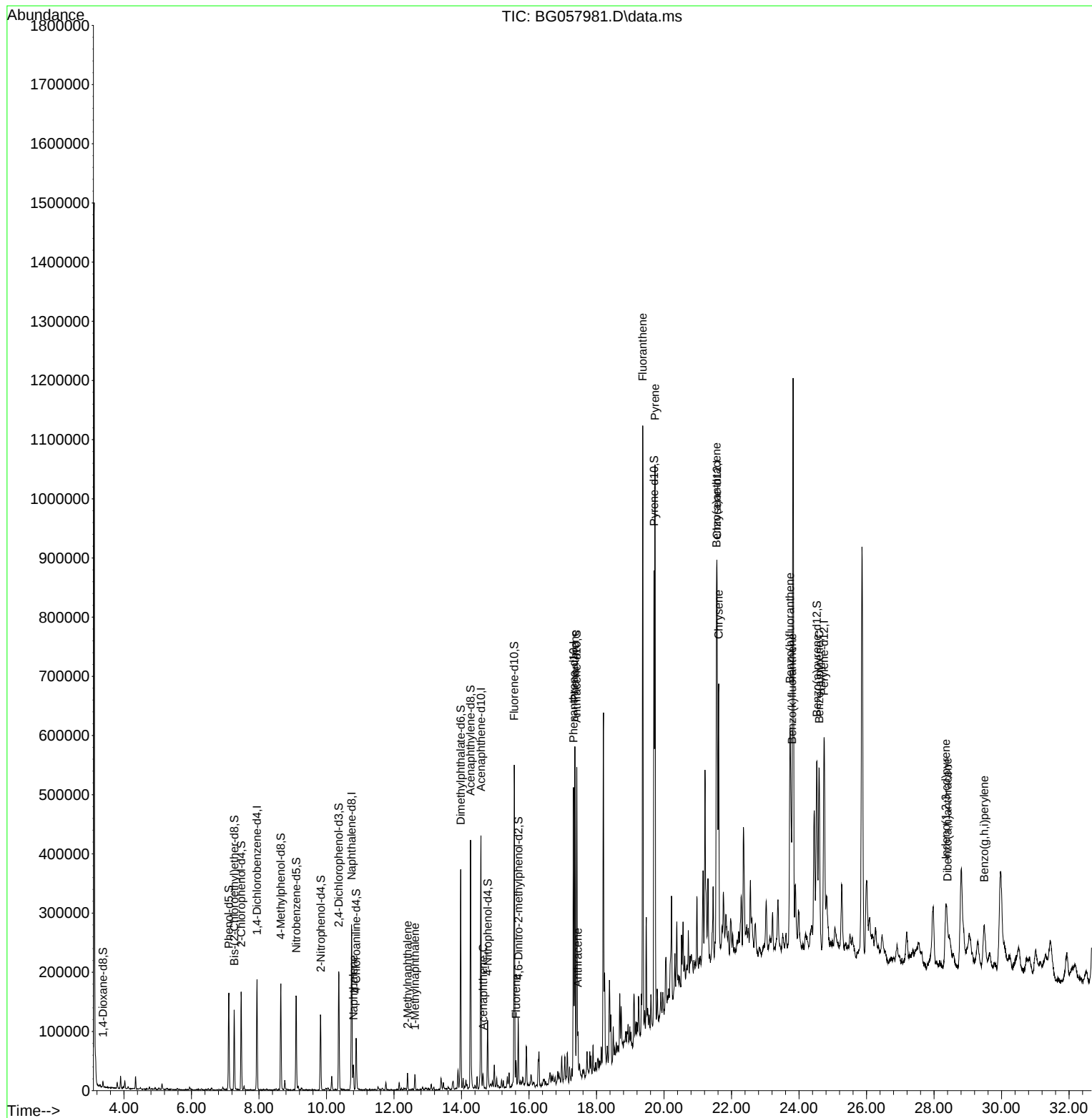
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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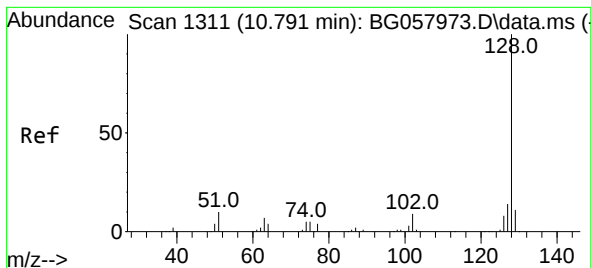
Instrument :
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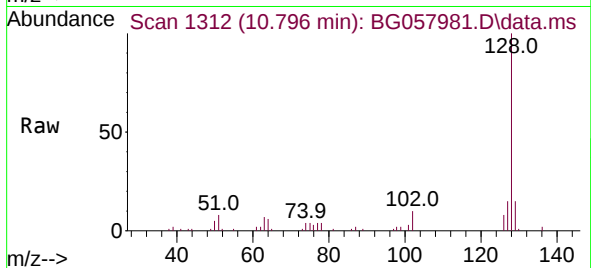
Quant Time: Jul 05 00:29:47 2023
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 Quant Title : SVOA CALIBRATION
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#30
Naphthalene
Concen: 2.678 ng/ul
RT: 10.796 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50

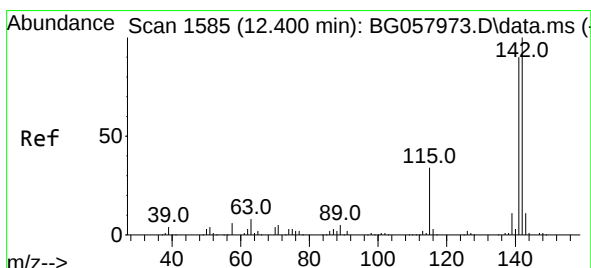
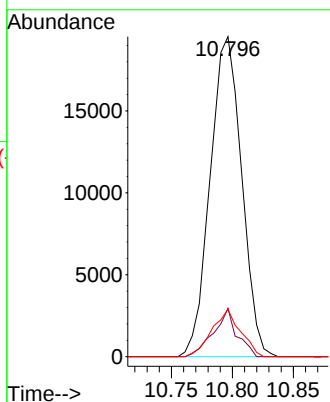
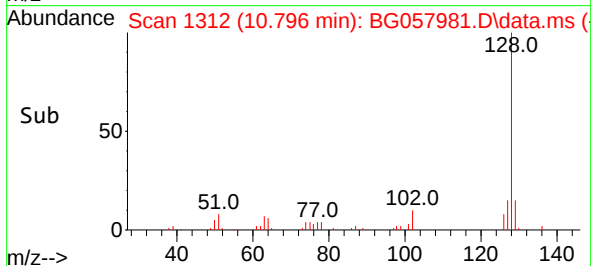
Instrument :
BNA_G
ClientSampleId :
DCGM0



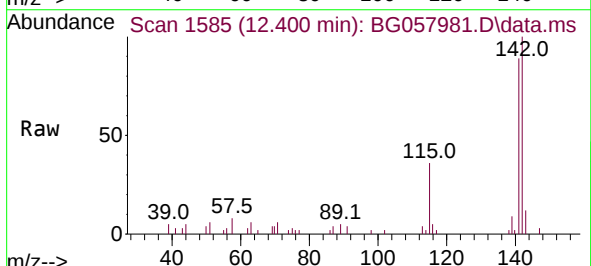
Tgt Ion:128 Resp: 35159
Ion Ratio Lower Upper
128 100
129 15.1 8.6 12.8
127 14.9 10.2 15.2

Manual Integrations
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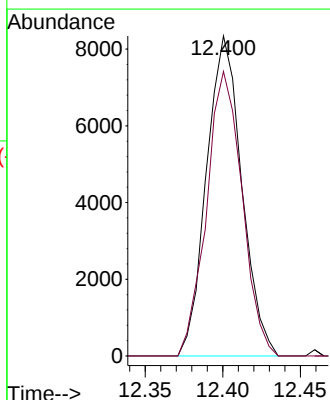
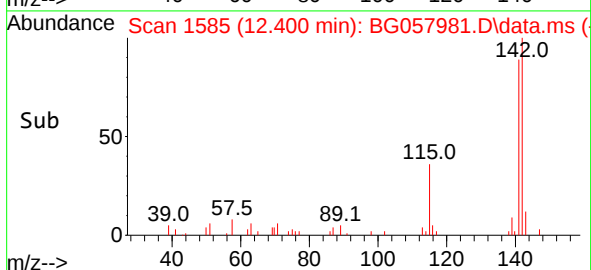
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

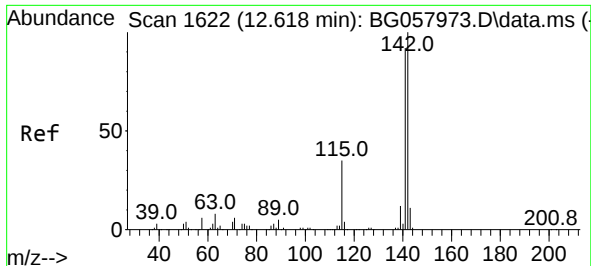


#36
2-Methylnaphthalene
Concen: 1.491 ng/ul
RT: 12.400 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50



Tgt Ion:142 Resp: 13193
Ion Ratio Lower Upper
142 100
141 88.9 69.4 104.2





#37

1-Methylnaphthalene

Concen: 1.409 ng/ul

RT: 12.618 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

Instrument :

BNA_G

ClientSampleId :

DCGM0

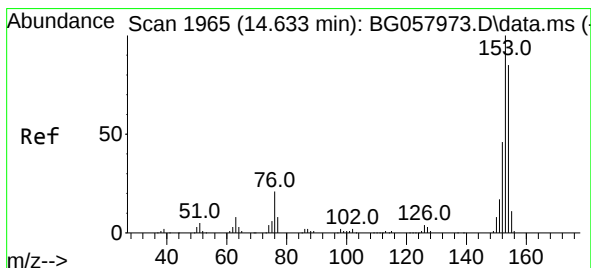
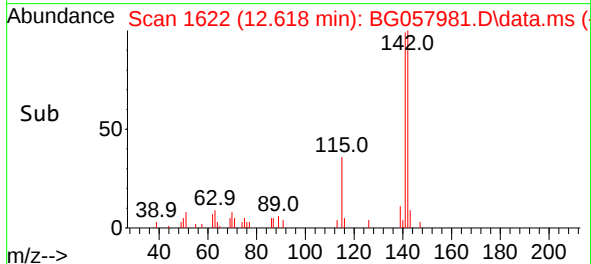
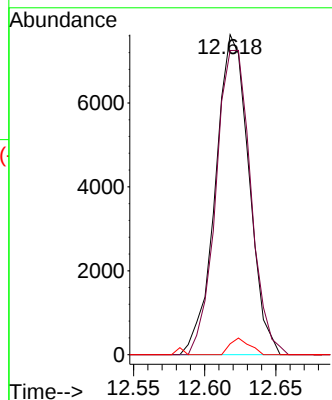
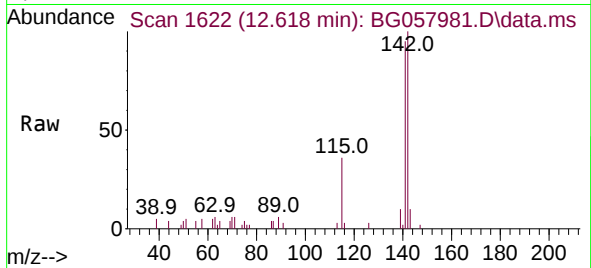
Tgt Ion:	142	Resp:	1250
Ion Ratio	Lower	Upper	
142	100		
141	95.1	73.8	110.8
116	3.4	3.0	4.4

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#52

Acenaphthene

Concen: 1.082 ng/ul

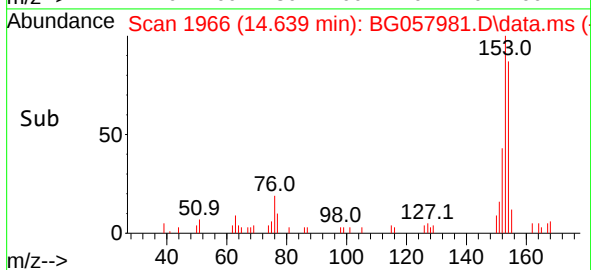
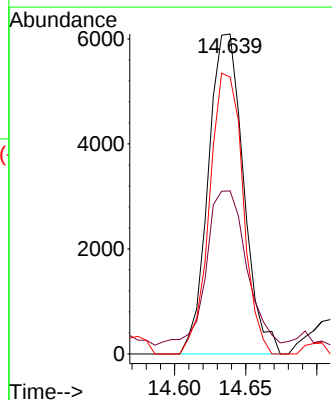
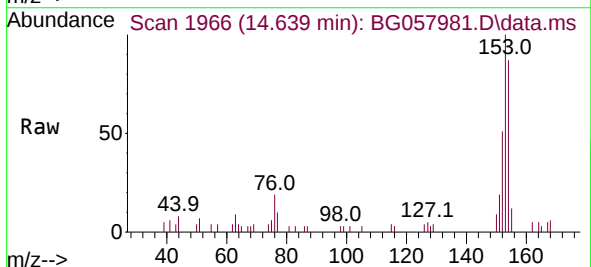
RT: 14.639 min Scan# 1966

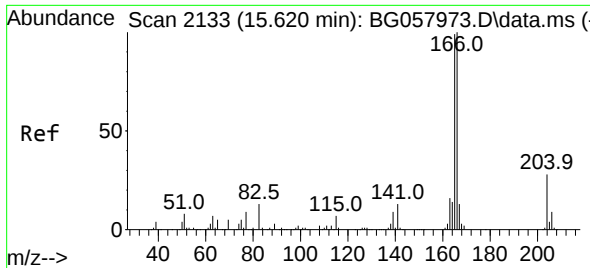
Delta R.T. 0.006 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

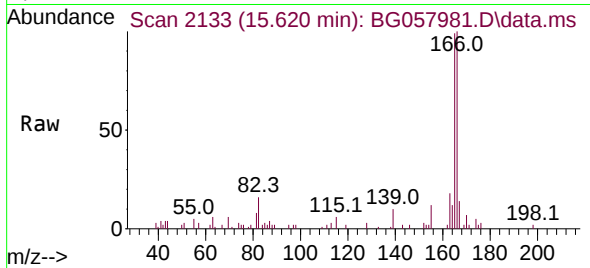
Tgt Ion:	153	Resp:	10496
Ion Ratio	Lower	Upper	
153	100		
152	50.9	36.5	54.7
154	86.5	70.5	105.7





#61
Fluorene
Concen: 1.524 ng/ul
RT: 15.620 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50

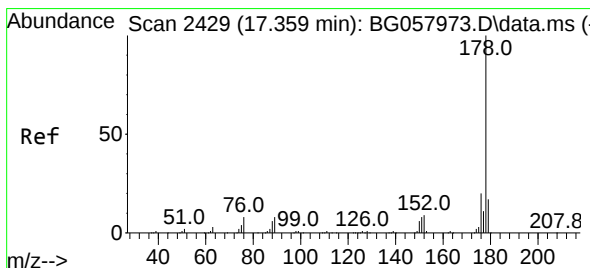
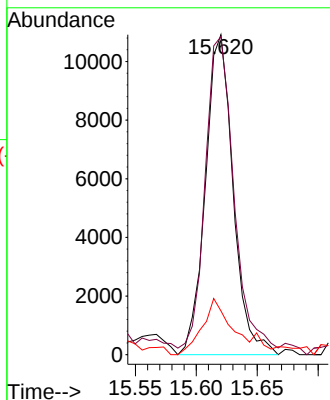
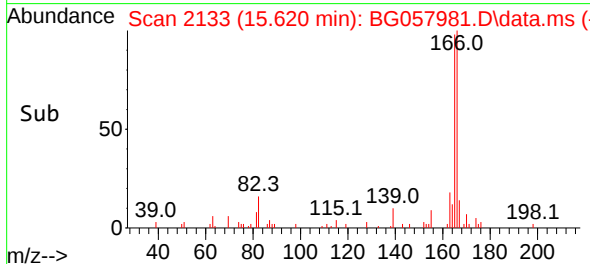
Instrument :
BNA_G
ClientSampleId :
DCGM0



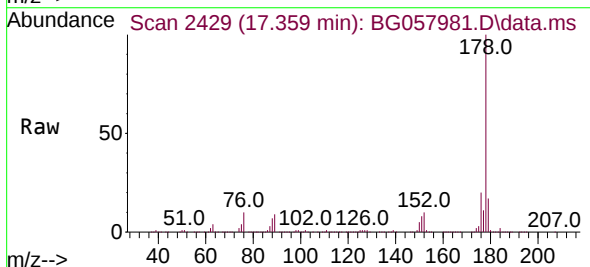
Tgt Ion:166 Resp: 17240
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.7 10.7 16.1

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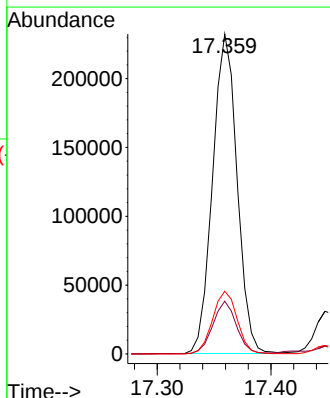
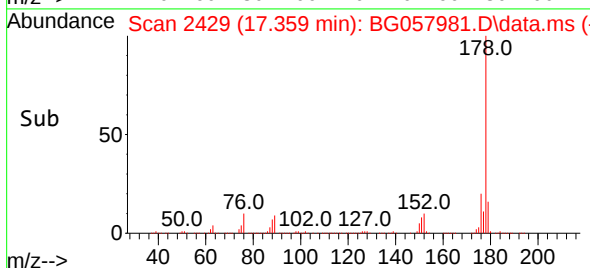
Reviewed By :Yogesh Patel 07/05/2023
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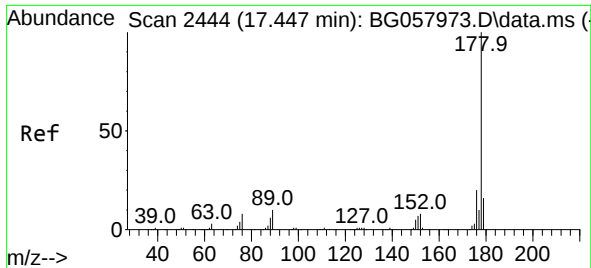


#72
Phenanthrene
Concen: 21.159 ng/ul
RT: 17.359 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50



Tgt Ion:178 Resp: 347112
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.6 15.7 23.5





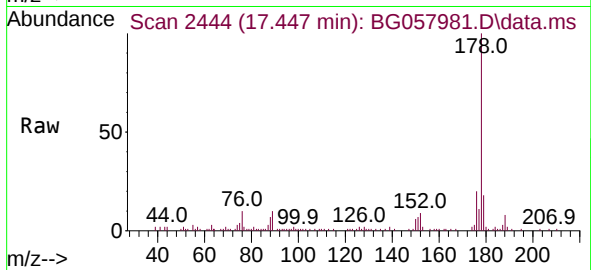
#74
 Anthracene
 Concen: 2.805 ng/ul
 RT: 17.447 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: BG057981.D
 Acq: 4 Jul 2023 9:50

Instrument :

BNA_G

ClientSampleId :

DCGM0

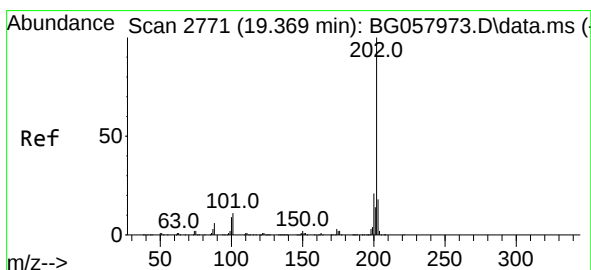
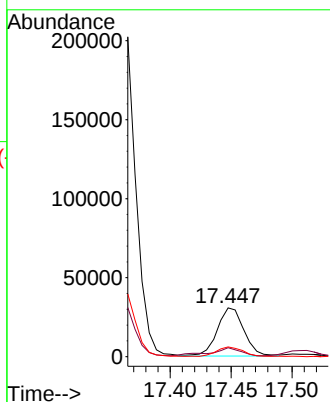
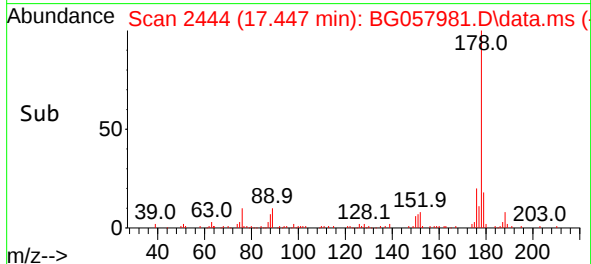


Tgt Ion:178 Resp: 46569
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.6 18.8
 176 19.9 15.4 23.2

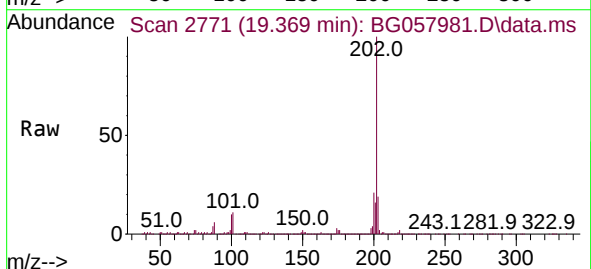
Manual Integrations

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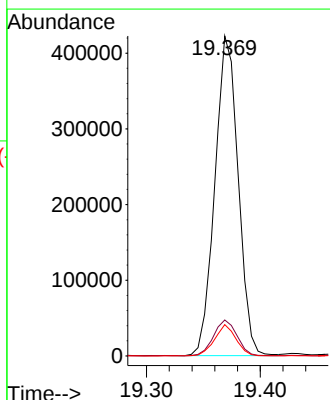
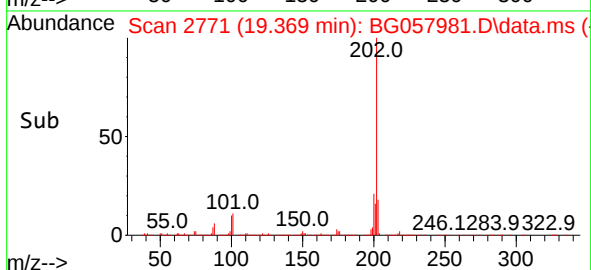
Reviewed By :Yogesh Patel 07/05/2023
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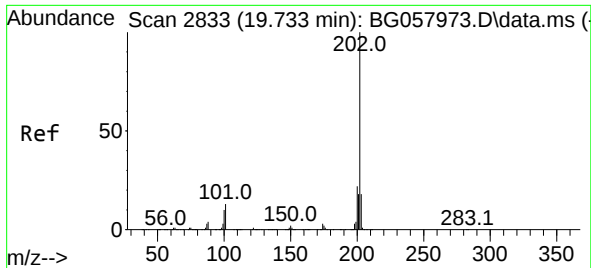


#80
 Fluoranthene
 Concen: 32.135 ng/ul
 RT: 19.369 min Scan# 2771
 Delta R.T. -0.000 min
 Lab File: BG057981.D
 Acq: 4 Jul 2023 9:50



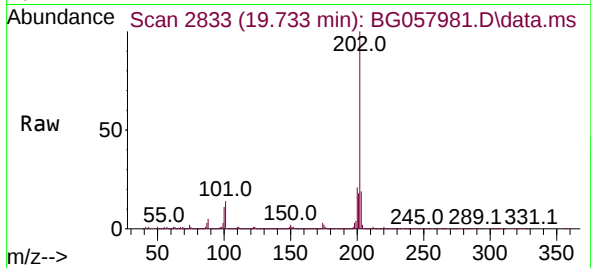
Tgt Ion:202 Resp: 601976
 Ion Ratio Lower Upper
 202 100
 101 11.3 9.1 13.7
 100 9.8 7.1 10.7





#82
Pyrene
Concen: 30.976 ng/ul
RT: 19.733 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50

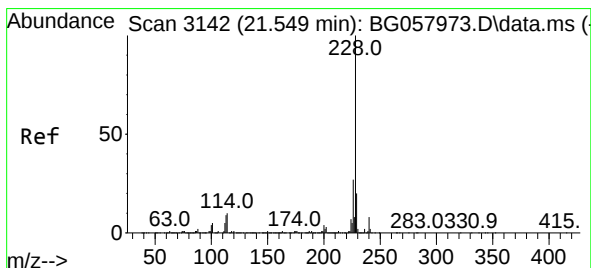
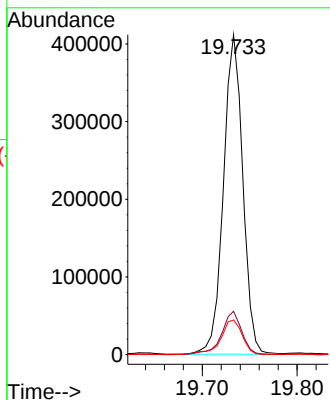
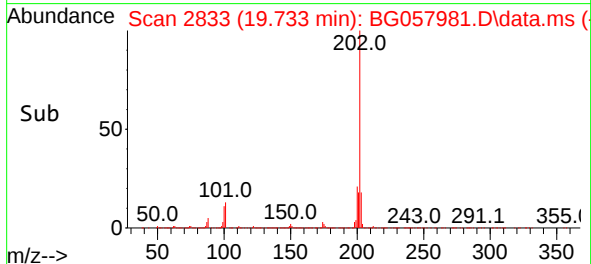
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BNA_G
ClientSampleId :
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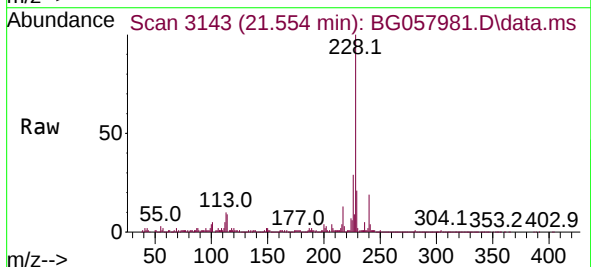
Tgt Ion:202 Resp: 58409
Ion Ratio Lower Upper
202 100
101 13.5 10.2 15.2
100 10.9 8.9 13.3

Manual Integrations
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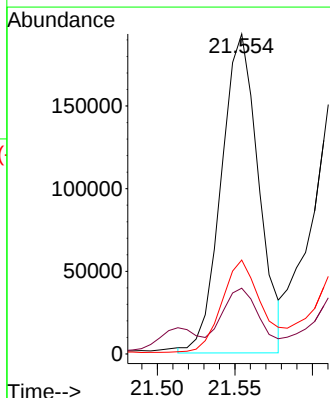
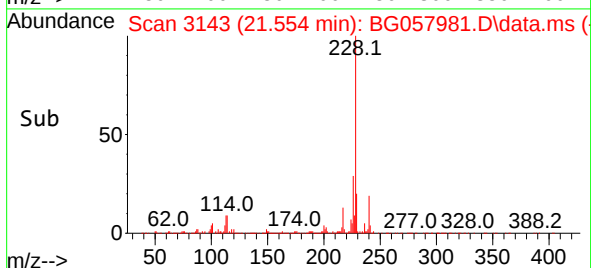
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

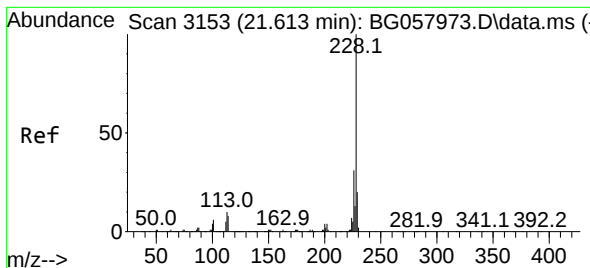


#85
Benzo(a)anthracene
Concen: 17.559 ng/ul
RT: 21.554 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50



Tgt Ion:228 Resp: 323633
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.3 22.0 33.0





#87

Chrysene

Concen: 19.717 ng/ul

RT: 21.619 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

Instrument :

BNA_G

ClientSampleId :

DCGM0

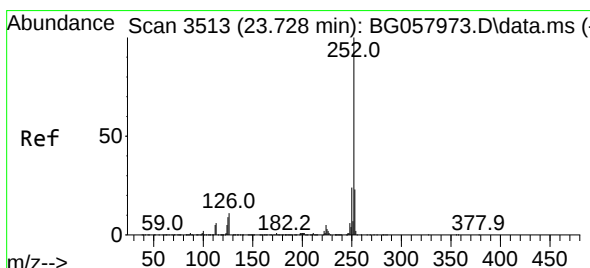
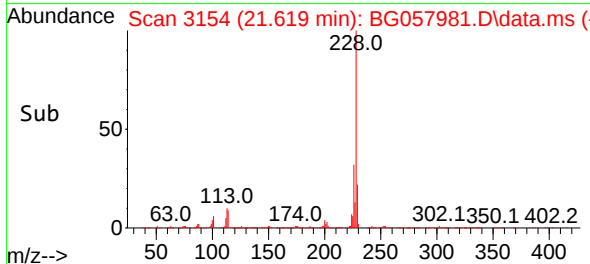
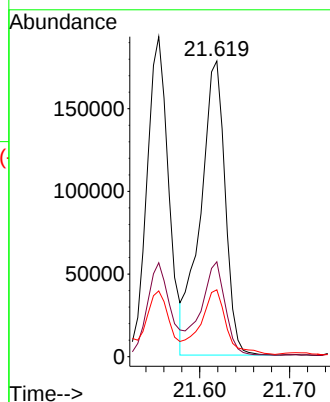
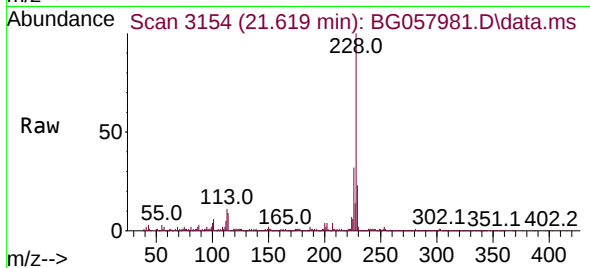
Tgt Ion:228 Resp: 340650
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.4 36.6
 229 22.6 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2023



#90

Benzo(b)fluoranthene

Concen: 24.643 ng/ul

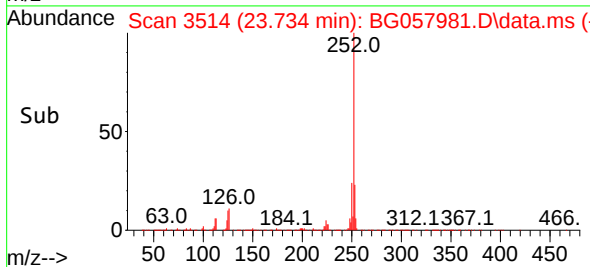
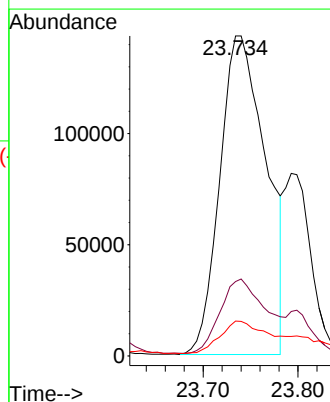
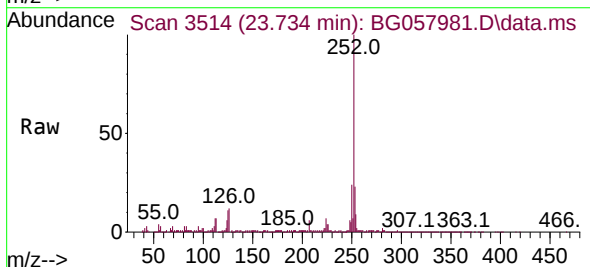
RT: 23.734 min Scan# 3514

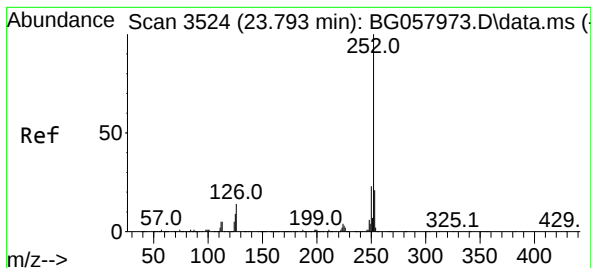
Delta R.T. 0.006 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

Tgt Ion:252 Resp: 484637
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.1 27.1
 125 10.9 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 8.245 ng/ul m

RT: 23.793 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

Instrument :

BNA_G

ClientSampleId :

DCGM0

Tgt Ion:252 Resp: 15893

Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

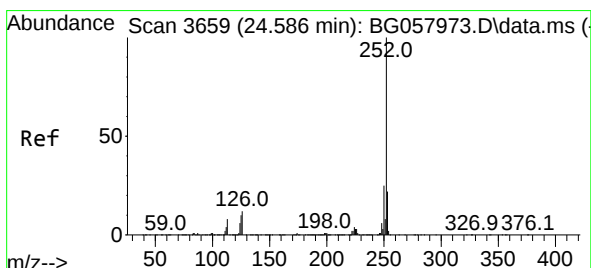
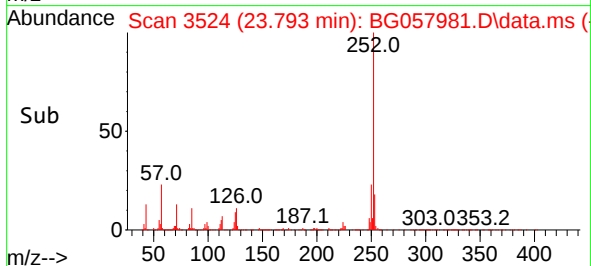
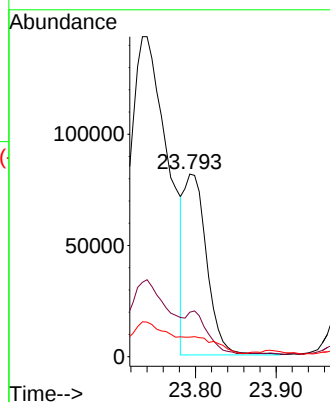
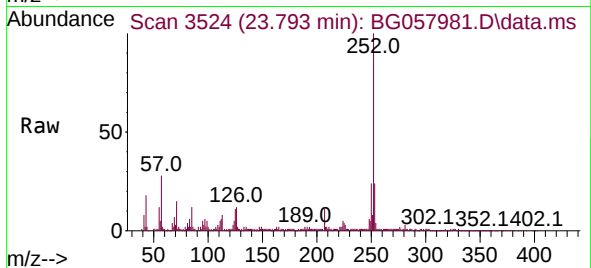
125 10.7 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#93

Benzo(a)pyrene

Concen: 18.683 ng/ul

RT: 24.598 min Scan# 3661

Delta R.T. 0.012 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

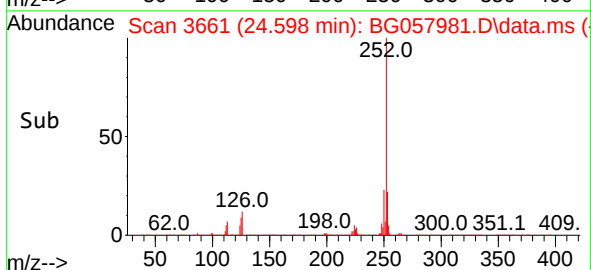
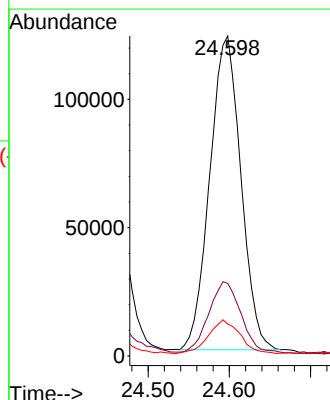
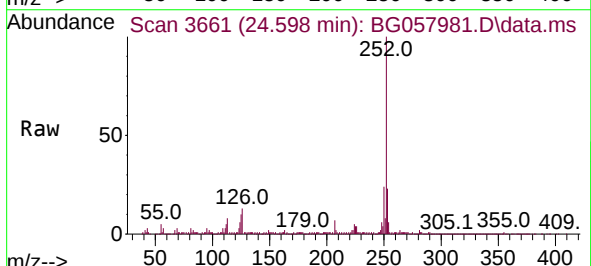
Tgt Ion:252 Resp: 325201

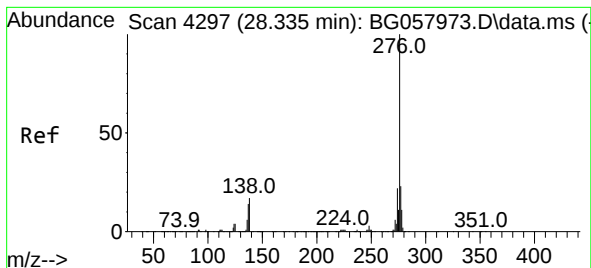
Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.0 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.707 ng/ul

RT: 28.352 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

Instrument :

BNA_G

ClientSampleId :

DCGM0

Tgt Ion:276 Resp: 22436

Ion Ratio Lower Upper

276 100

138 18.2 14.0 21.0

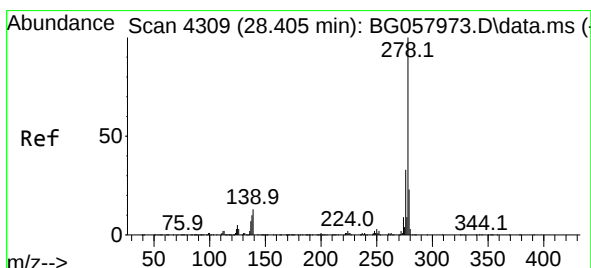
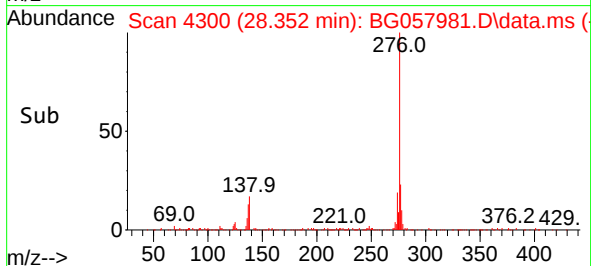
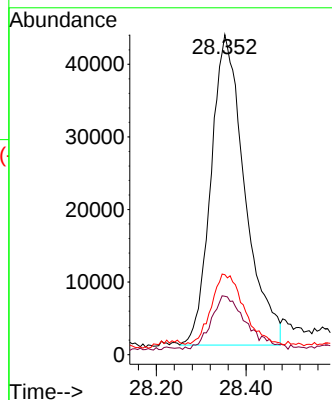
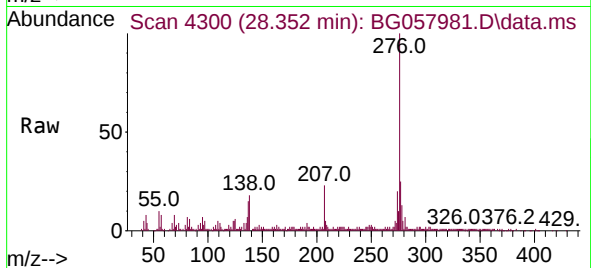
277 25.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#95

Dibenzo(a,h)anthracene

Concen: 2.800 ng/ul

RT: 28.399 min Scan# 4308

Delta R.T. -0.006 min

Lab File: BG057981.D

Acq: 4 Jul 2023 9:50

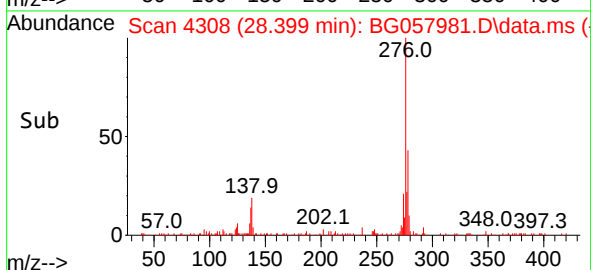
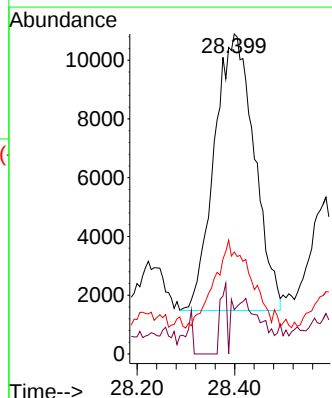
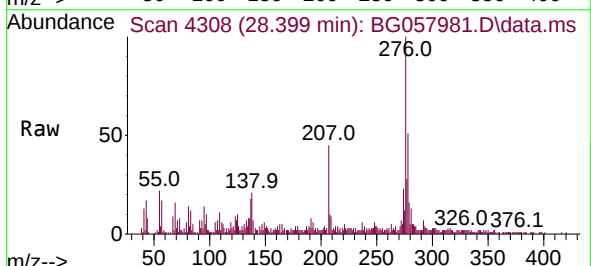
Tgt Ion:278 Resp: 53369

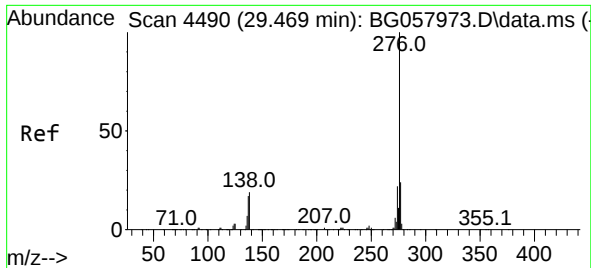
Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

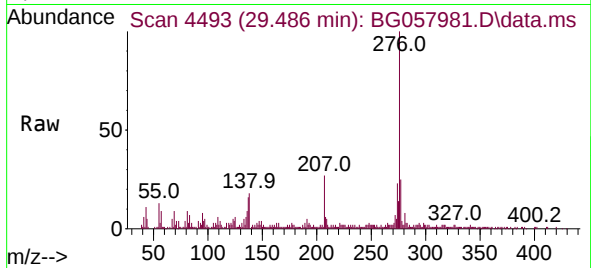
279 31.9 18.9 28.3#





#96
Benzo(g,h,i)perylene
Concen: 10.934 ng/ul m
RT: 29.486 min Scan# 44
Delta R.T. 0.018 min
Lab File: BG057981.D
Acq: 4 Jul 2023 9:50

Instrument :
BNA_G
ClientSampleId :
DCGM0



Tgt Ion:276 Resp: 206438
Ion Ratio Lower Upper
276 100
138 17.8 14.2 21.2
277 25.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

