

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
 Data File : BG057961.D
 Acq On : 3 Jul 2023 19:05
 Operator : CG/JU
 Sample : 03246-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCGK0

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 03:49:41 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	7.938	152	36133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.740	136	163795	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.565	164	117017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.309	188	296614	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	247255	20.000	ng/u1	0.00
88) Perylene-d12	24.724	264	309986	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	4827	4.678	ng/uL	0.00
4) Pyridine-d5	3.784	84	64914	20.721	ng/u1	0.00
7) Phenol-d5	7.098	99	107453	29.119	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.262	67	67183	30.211	ng/u1	0.00
11) 2-Chlorophenol-d4	7.468	132	78458	30.828	ng/u1	0.00
15) 4-Methylphenol-d8	8.637	113	77446	27.815	ng/u1	0.00
21) Nitrobenzene-d5	9.095	128	40728	30.508	ng/u1	0.00
24) 2-Nitrophenol-d4	9.818	143	43940	31.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	83003	30.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.870	131	56031	13.730	ng/u1	0.00
46) Dimethylphthalate-d6	13.972	166	274169	29.695	ng/u1	0.00
49) Acenaphthylene-d8	14.260	160	327377	32.494	ng/u1	0.00
54) 4-Nitrophenol-d4	14.759	143	45218	27.720	ng/u1	0.00
60) Fluorene-d10	15.558	176	259740	33.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.670	200	41637	25.852	ng/u1	0.00
73) Anthracene-d10	17.409	188	430744	31.296	ng/u1	0.00
81) Pyrene-d10	19.695	212	505013	32.430	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.512	264	511281	32.374	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.787	128	26228	2.849	ng/u1	99
36) 2-Methylnaphthalene	12.397	142	6728	1.084	ng/u1	97
50) Acenaphthylene	14.289	152	25034	2.301	ng/u1	96
52) Acenaphthene	14.630	153	11907	1.595	ng/u1	94
61) Fluorene	15.611	166	15848	1.820	ng/u1#	95
72) Phenanthrene	17.350	178	422947	28.032	ng/u1	100
74) Anthracene	17.444	178	70099	4.591	ng/u1	98
80) Fluoranthene	19.366	202	1239580	68.697	ng/u1	99
82) Pyrene	19.730	202	1032599	56.850	ng/u1	98
85) Benzo(a)anthracene	21.545	228	648176	36.510	ng/u1	94
87) Chrysene	21.610	228	686676	41.260	ng/u1	95
90) Benzo(b)fluoranthene	23.731	252	1095404	57.071	ng/u1	99
91) Benzo(k)fluoranthene	23.784	252	408311m	21.704	ng/u1	
93) Benzo(a)pyrene	24.583	252	764516	45.003	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.331	276	654333	29.005	ng/u1	100
95) Dibenzo(a,h)anthracene	28.367	278	161430	8.678	ng/u1#	89
96) Benzo(g,h,i)perylene	29.465	276	561693	30.484	ng/u1	98

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

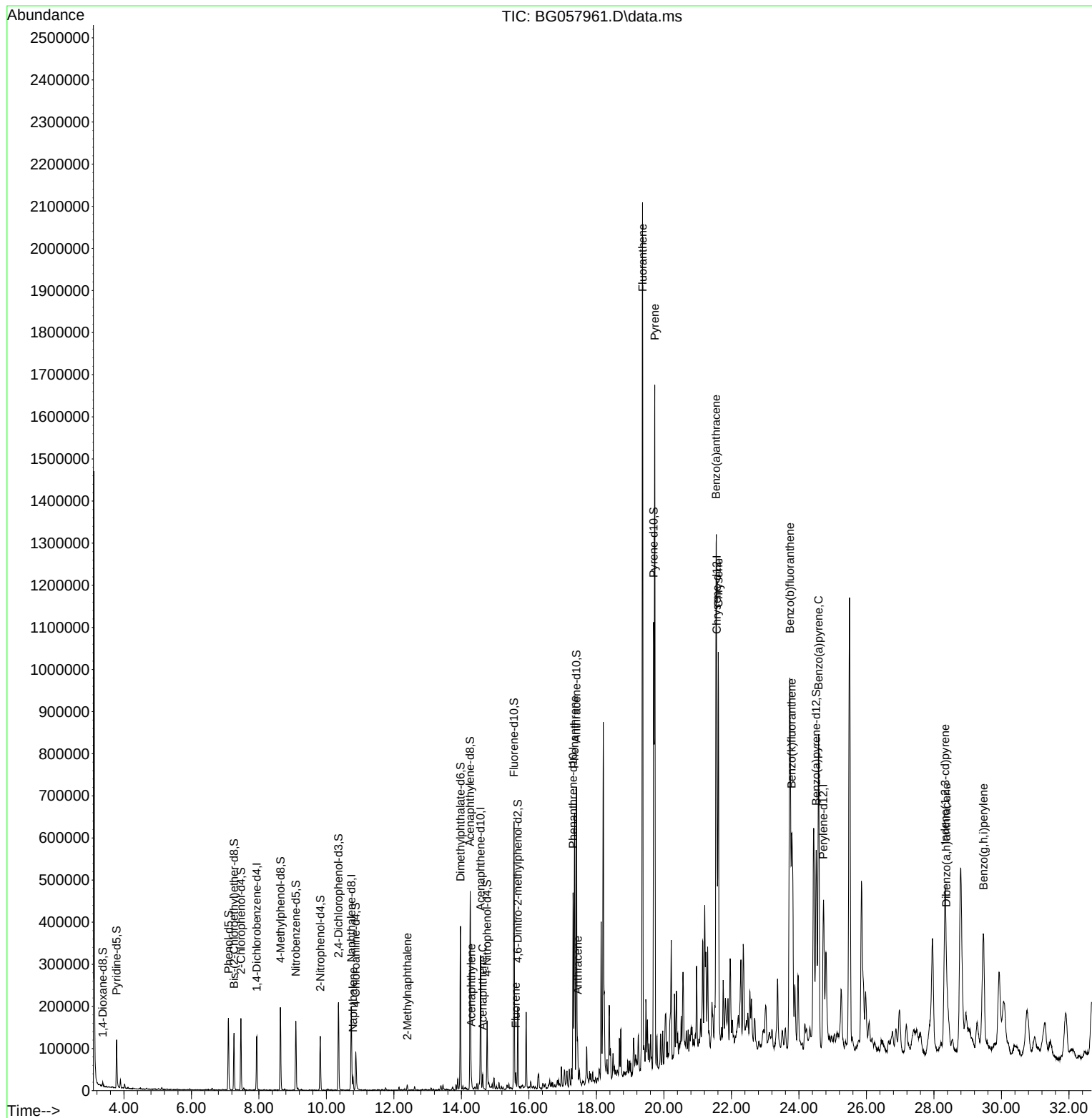
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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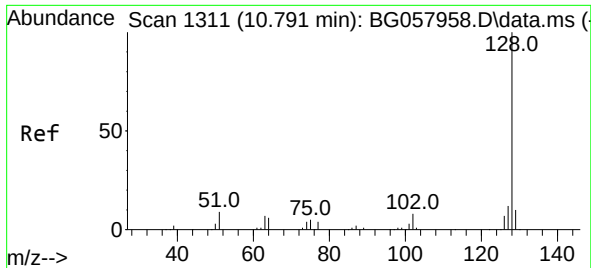
Instrument :
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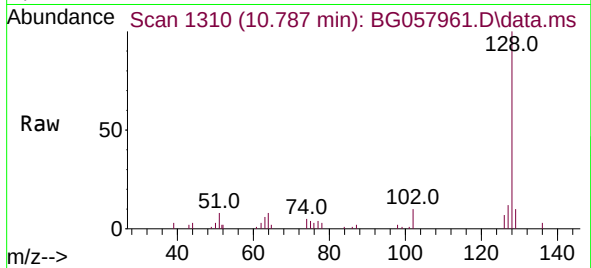
Quant Time: Jul 04 03:49:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:50:15 2023
 Response via : Initial Calibration





#30
Naphthalene
Concen: 2.849 ng/ul
RT: 10.787 min Scan# 1310
Delta R.T. 0.002 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

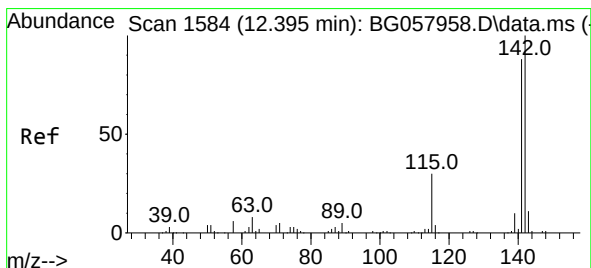
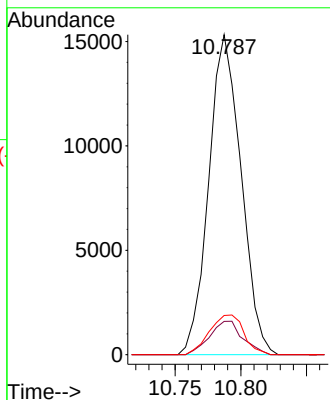
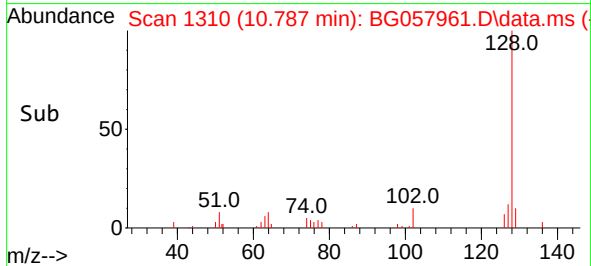
Instrument :
BNA_G
ClientSampleId :
DCGK0



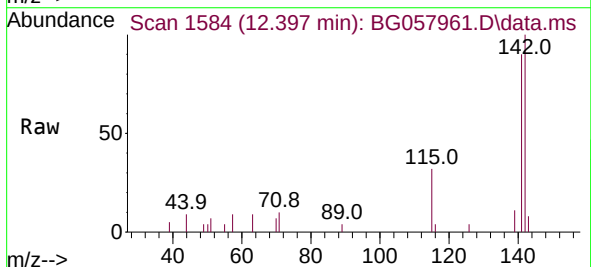
Tgt Ion:128 Resp: 26228
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.2 10.2 15.2

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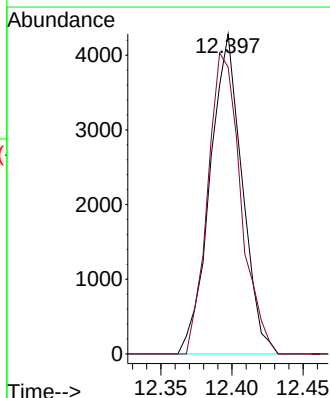
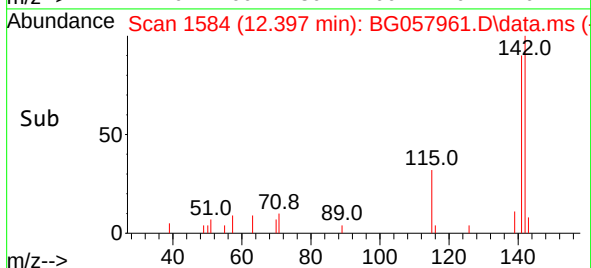
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

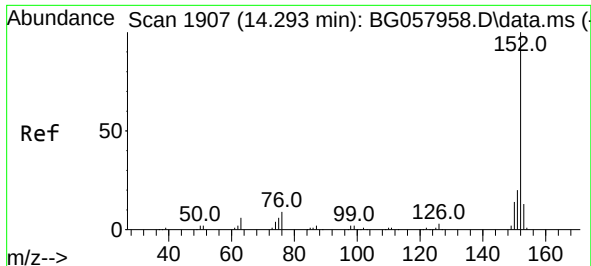


#36
2-Methylnaphthalene
Concen: 1.084 ng/ul
RT: 12.397 min Scan# 1584
Delta R.T. 0.008 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05



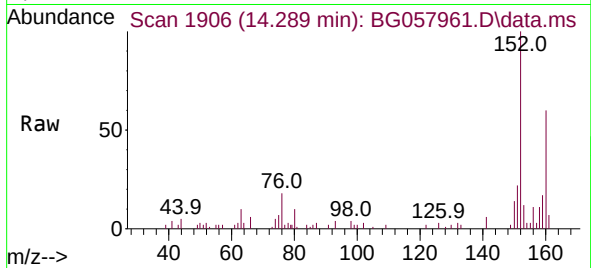
Tgt Ion:142 Resp: 6728
Ion Ratio Lower Upper
142 100
141 89.6 69.4 104.2





#50
Acenaphthylene
Concen: 2.301 ng/ul
RT: 14.289 min Scan# 1906
Delta R.T. 0.002 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

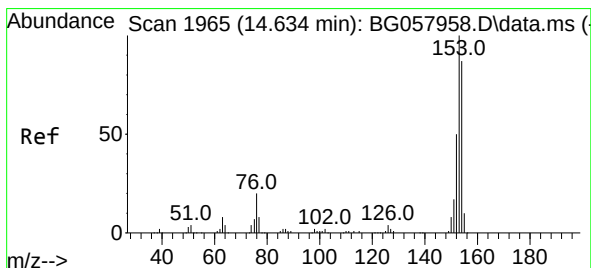
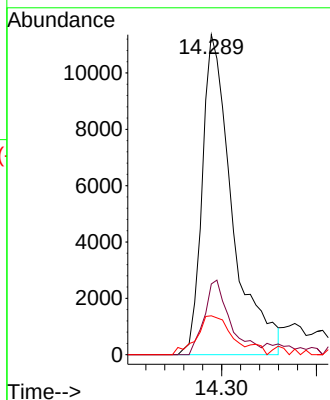
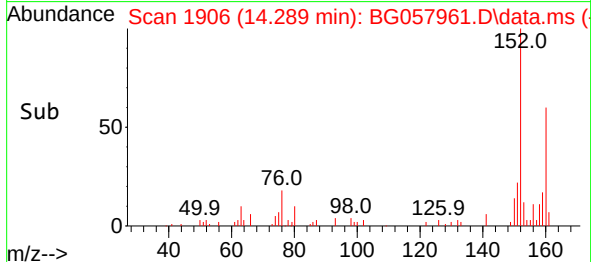
Instrument :
BNA_G
ClientSampleId :
DCGK0



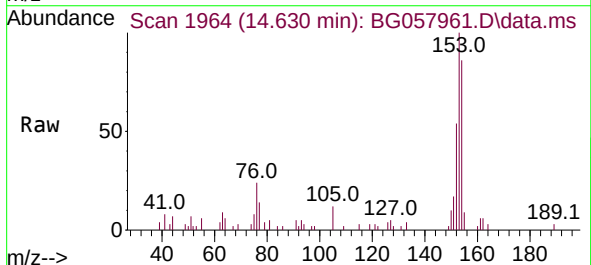
Tgt Ion:152 Resp: 25034
Ion Ratio Lower Upper
152 100
151 22.1 15.6 23.4
153 12.2 10.5 15.7

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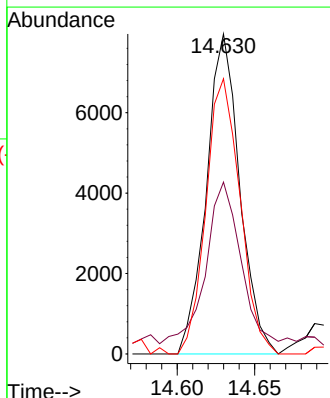
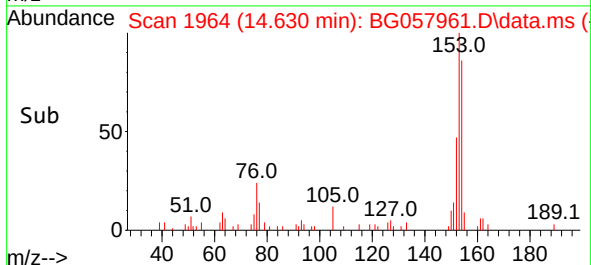
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023

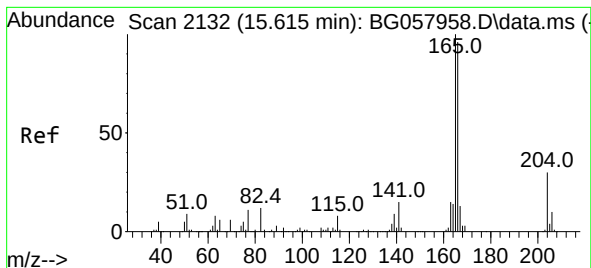


#52
Acenaphthene
Concen: 1.595 ng/ul
RT: 14.630 min Scan# 1964
Delta R.T. 0.002 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05



Tgt Ion:153 Resp: 11907
Ion Ratio Lower Upper
153 100
152 53.7 36.5 54.7
154 86.0 70.5 105.7





#61

Fluorene

Concen: 1.820 ng/ul

RT: 15.611 min Scan# 2132

Delta R.T. 0.002 min

Lab File: BG057961.D

Acq: 3 Jul 2023 19:05

Instrument :

BNA_G

ClientSampleId :

DCGK0

Tgt Ion:166 Resp: 1584

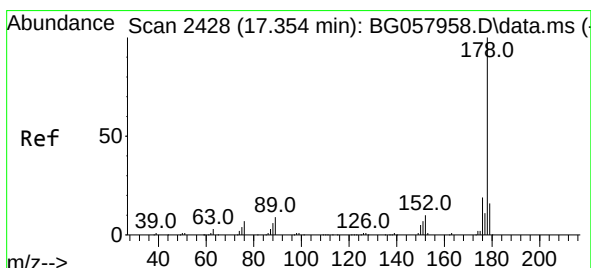
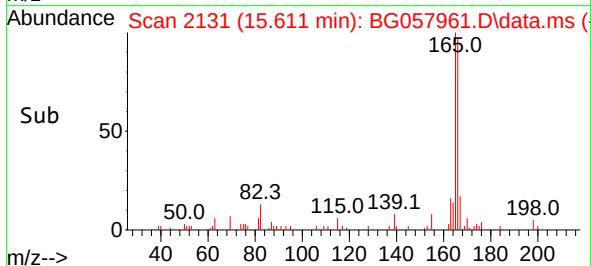
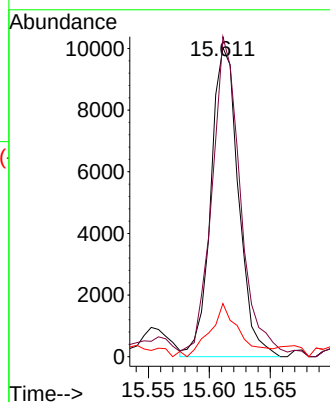
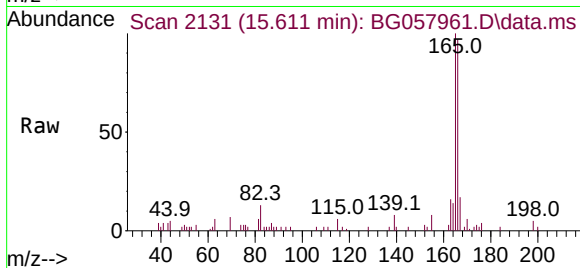
Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.1	118.7
167	17.2	10.7	16.1

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#72

Phenanthrene

Concen: 28.032 ng/ul

RT: 17.350 min Scan# 2427

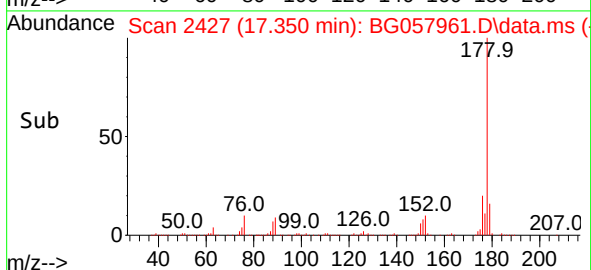
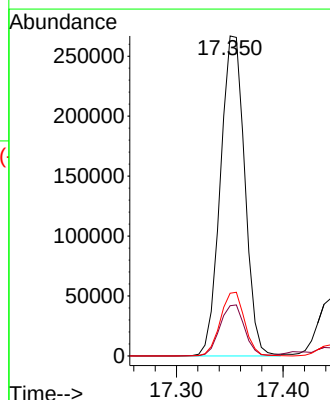
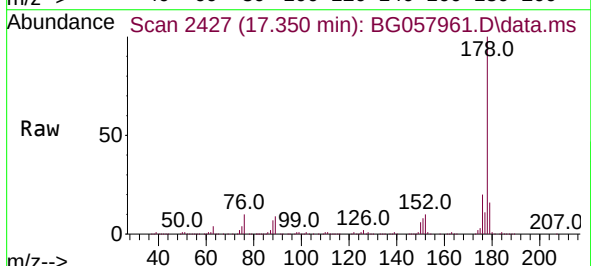
Delta R.T. 0.002 min

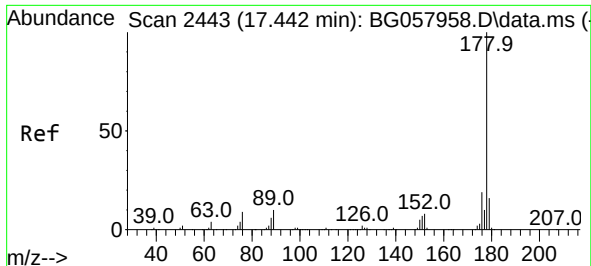
Lab File: BG057961.D

Acq: 3 Jul 2023 19:05

Tgt Ion:178 Resp: 422947

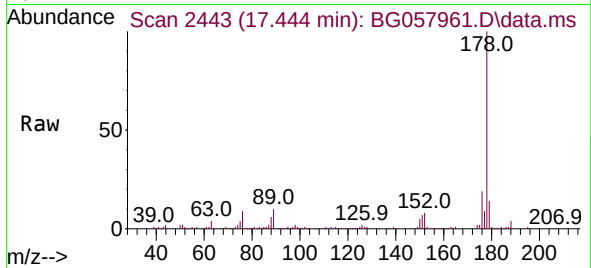
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.6	15.7	23.5





#74
 Anthracene
 Concen: 4.591 ng/ul
 RT: 17.444 min Scan# 2443
 Delta R.T. 0.002 min
 Lab File: BG057961.D
 Acq: 3 Jul 2023 19:05

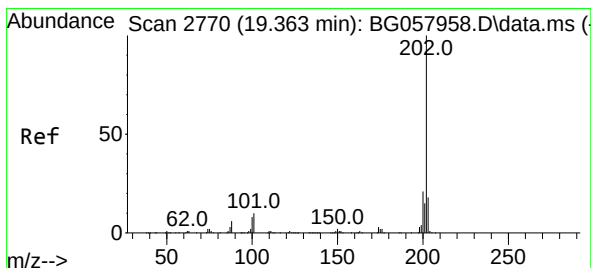
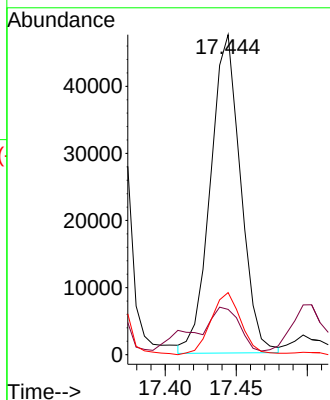
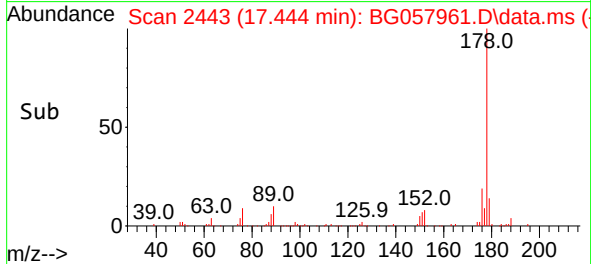
Instrument :
 BNA_G
 ClientSampleId :
 DCGK0



Tgt Ion:178 Resp: 70095
 Ion Ratio Lower Upper
 178 100
 179 14.2 12.6 18.8
 176 19.4 15.4 23.2

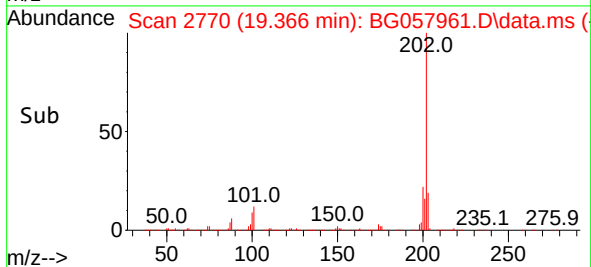
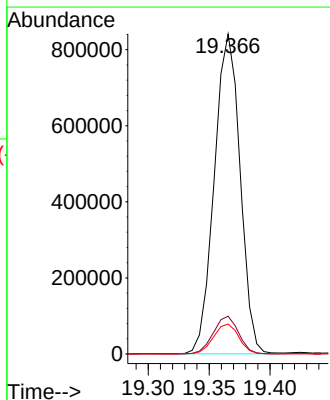
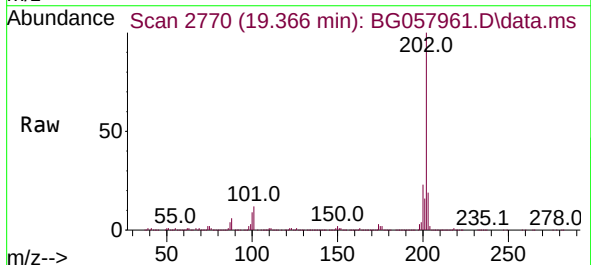
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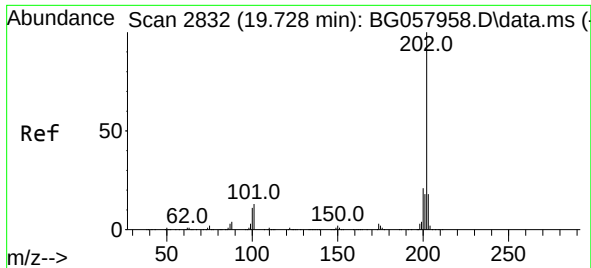
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



#80
 Fluoranthene
 Concen: 68.697 ng/ul
 RT: 19.366 min Scan# 2770
 Delta R.T. 0.008 min
 Lab File: BG057961.D
 Acq: 3 Jul 2023 19:05

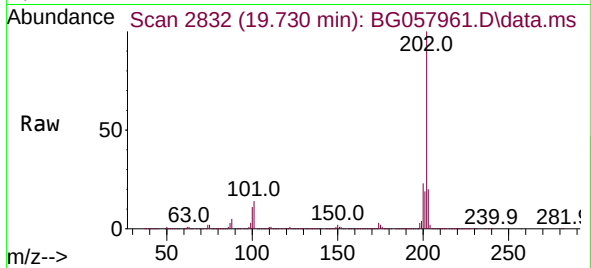
Tgt Ion:202 Resp: 1239580
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.1 13.7
 100 9.3 7.1 10.7





#82
Pyrene
Concen: 56.850 ng/ul
RT: 19.730 min Scan# 2832
Delta R.T. 0.008 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

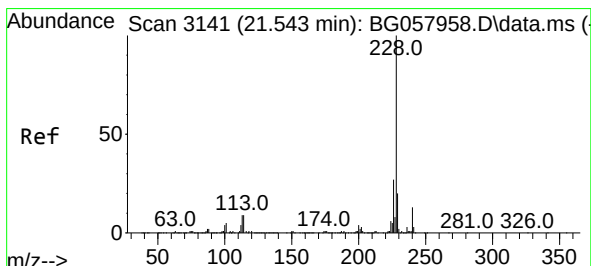
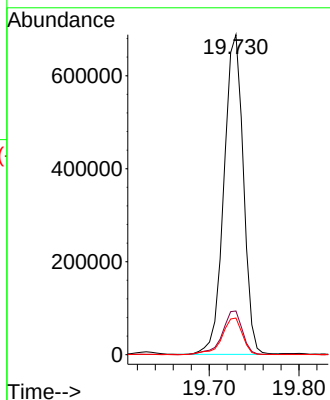
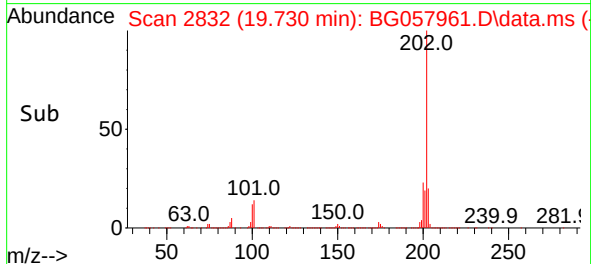
Instrument :
BNA_G
ClientSampleId :
DCGK0



Tgt Ion:202 Resp: 103259
Ion Ratio Lower Upper
202 100
101 13.7 10.2 15.2
100 11.4 8.9 13.3

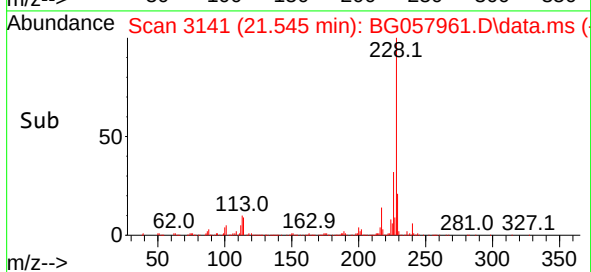
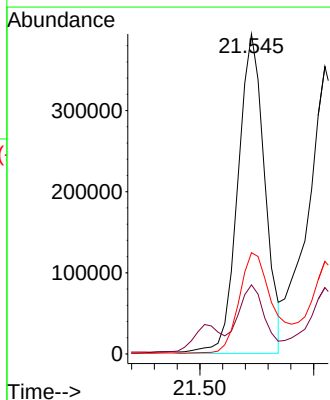
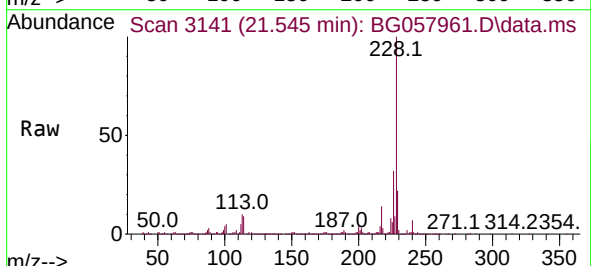
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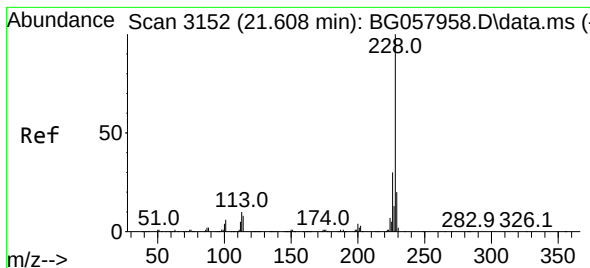
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#85
Benzo(a)anthracene
Concen: 36.510 ng/ul
RT: 21.545 min Scan# 3141
Delta R.T. 0.002 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

Tgt Ion:228 Resp: 648176
Ion Ratio Lower Upper
228 100
229 21.6 16.0 24.0
226 31.7 22.0 33.0





#87

Chrysene

Concen: 41.260 ng/ul

RT: 21.610 min Scan# 3152

Delta R.T. 0.002 min

Lab File: BG057961.D

Acq: 3 Jul 2023 19:05

Instrument :

BNA_G

ClientSampleId :

DCGK0

Tgt Ion:228 Resp: 686670

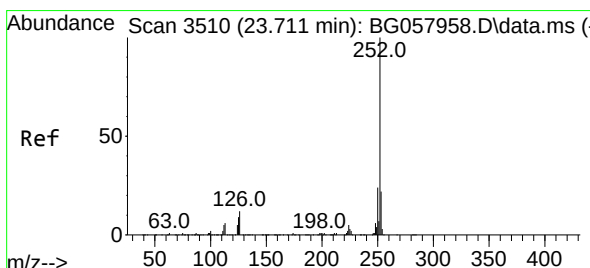
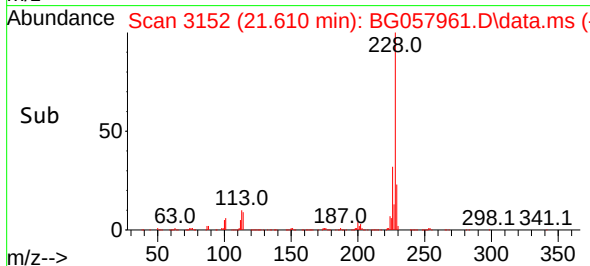
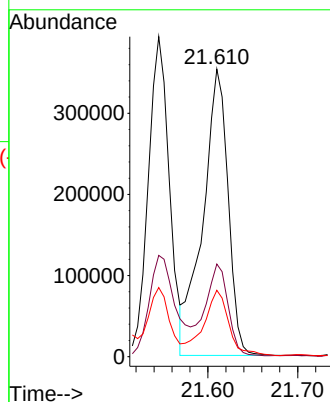
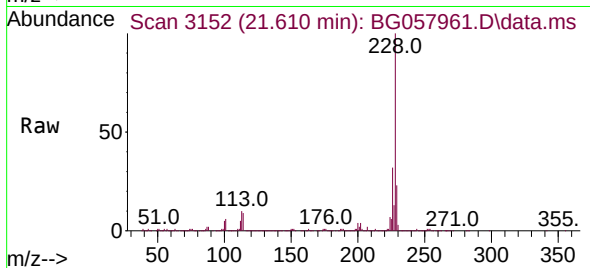
Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.4	36.6
229	23.1	15.5	23.3

Manual Integrations

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Supervised By :mohammad ahmed 07/04/2023



#90

Benzo(b)fluoranthene

Concen: 57.071 ng/ul

RT: 23.731 min Scan# 3513

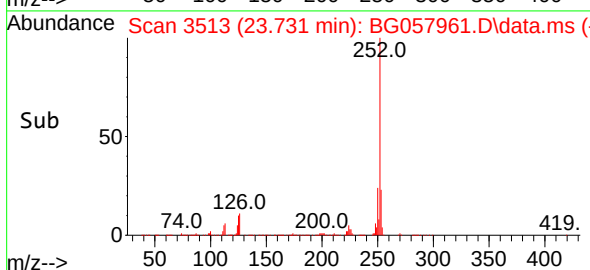
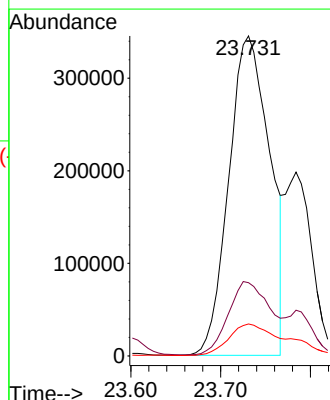
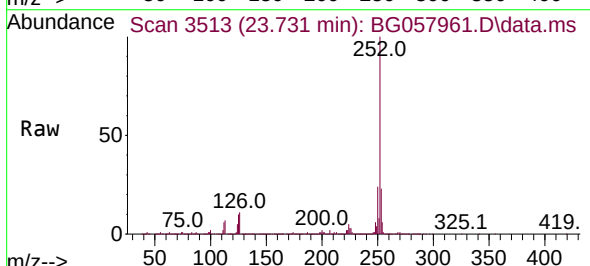
Delta R.T. 0.020 min

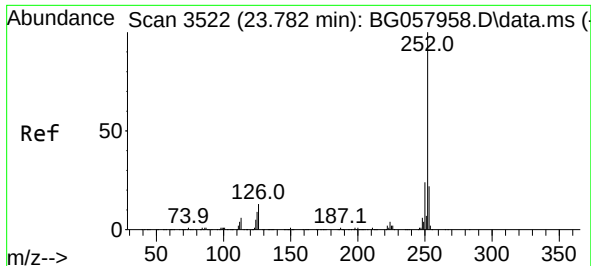
Lab File: BG057961.D

Acq: 3 Jul 2023 19:05

Tgt Ion:252 Resp: 1095404

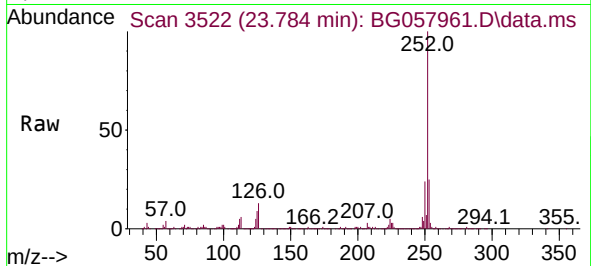
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.0	7.5	11.3





#91
Benzo(k)fluoranthene
Concen: 21.704 ng/ul m
RT: 23.784 min Scan# 3522
Delta R.T. 0.008 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

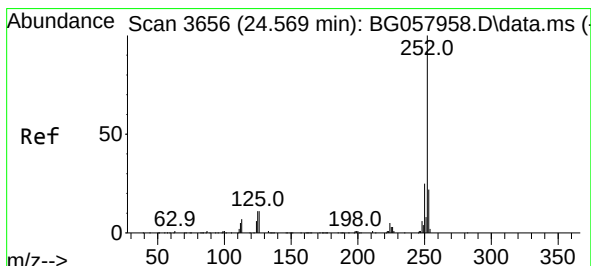
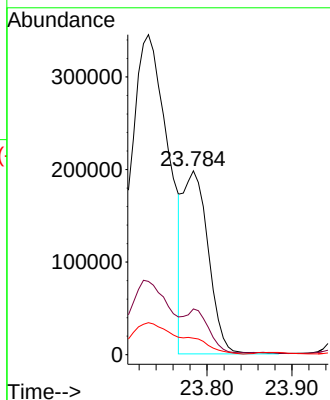
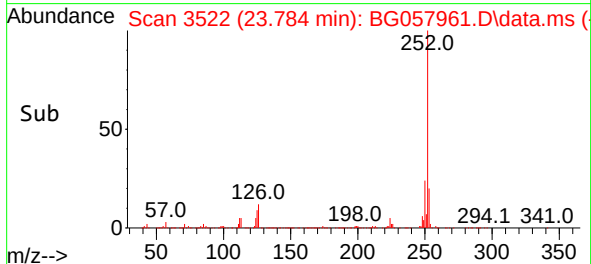
Instrument :
BNA_G
ClientSampleId :
DCGK0



Tgt Ion:252 Resp: 40831
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 9.0 7.4 11.2

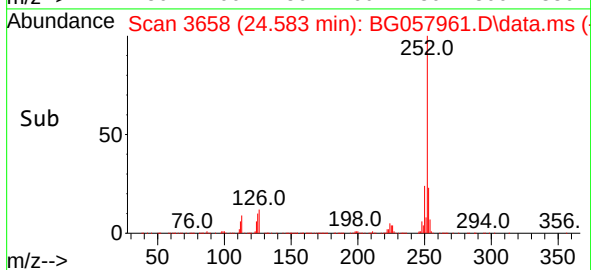
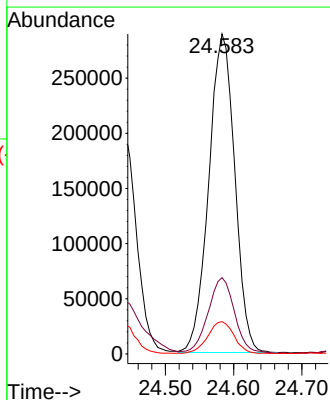
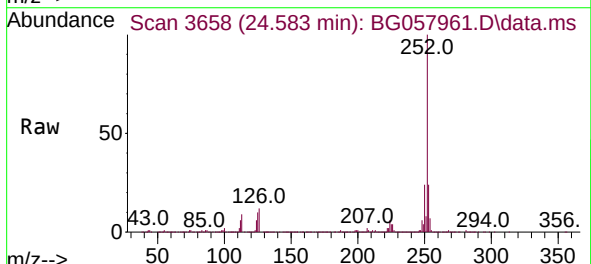
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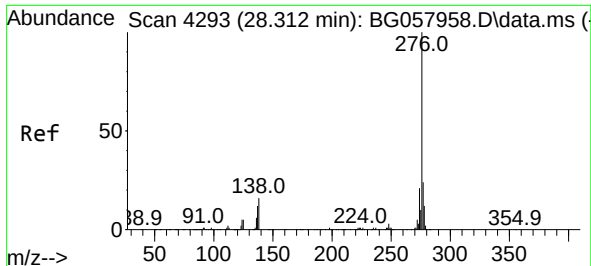
Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023



#93
Benzo(a)pyrene
Concen: 45.003 ng/ul
RT: 24.583 min Scan# 3658
Delta R.T. 0.014 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

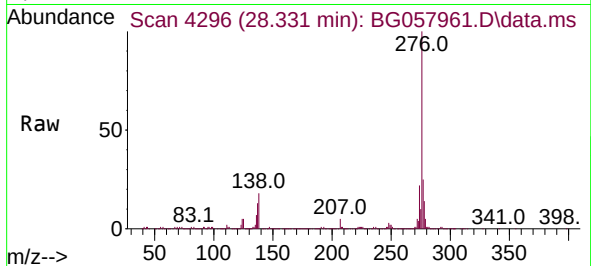
Tgt Ion:252 Resp: 764516
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 10.1 8.3 12.5





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 29.005 ng/uI
 RT: 28.331 min Scan# 4296
 Delta R.T. 0.026 min
 Lab File: BG057961.D
 Acq: 3 Jul 2023 19:05

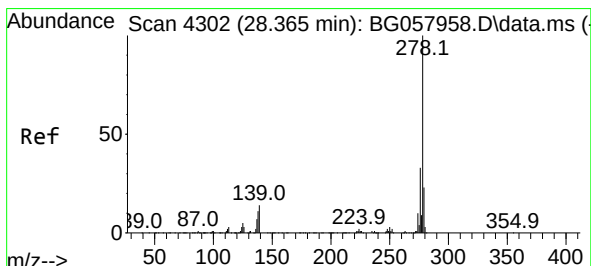
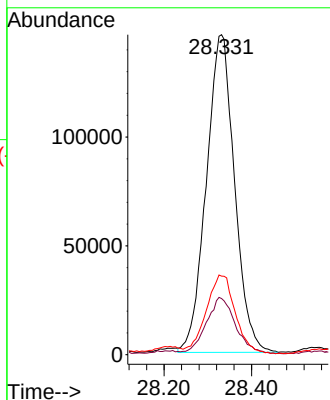
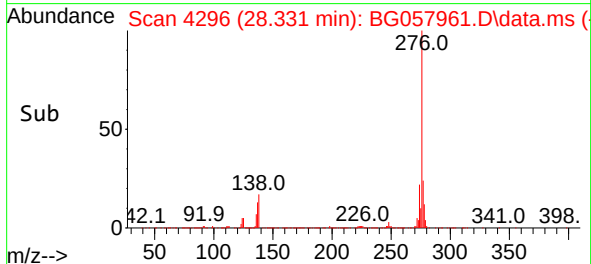
Instrument :
 BNA_G
 ClientSampleId :
 DCGK0



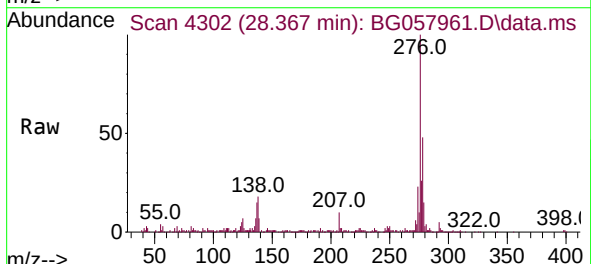
Tgt Ion:276 Resp: 65433
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.0 21.0
 277 24.6 19.4 29.2

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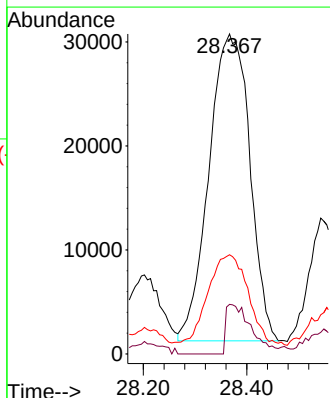
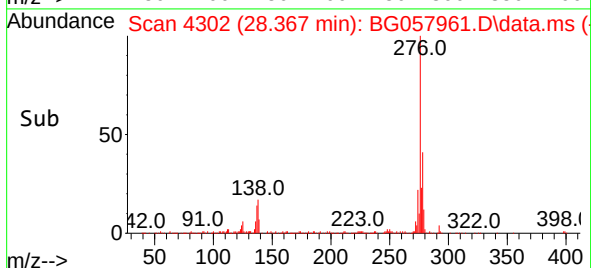
Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

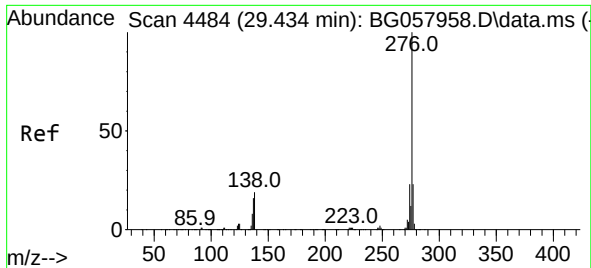


#95
 Dibenzo(a,h)anthracene
 Concen: 8.678 ng/uI
 RT: 28.367 min Scan# 4302
 Delta R.T. -0.004 min
 Lab File: BG057961.D
 Acq: 3 Jul 2023 19:05



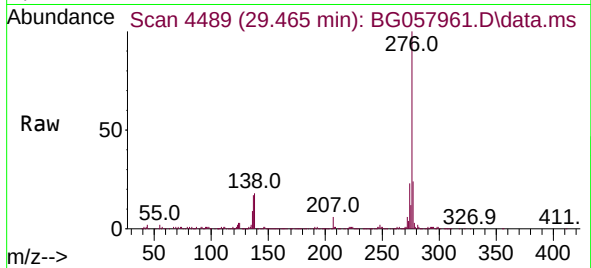
Tgt Ion:278 Resp: 161430
 Ion Ratio Lower Upper
 278 100
 139 15.5 11.3 16.9
 279 31.0 18.9 28.3#





#96
Benzo(g,h,i)perylene
Concen: 30.484 ng/ul
RT: 29.465 min Scan# 4489
Delta R.T. 0.038 min
Lab File: BG057961.D
Acq: 3 Jul 2023 19:05

Instrument :
BNA_G
ClientSampleId :
DCGK0



Tgt Ion:276 Resp: 56169
Ion Ratio Lower Upper
276 100
138 18.3 14.2 21.2
277 24.5 18.6 27.8

Manual Integrations
APPROVED

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

