

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
 Data File : BG058148.D
 Acq On : 10 Jul 2023 19:11
 Operator : CG/JU
 Sample : 03385-01DL2 30X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL2

Quant Time: Jul 11 01:49:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	44313	20.000	ng/u1	0.00
20) Naphthalene-d8	10.782	136	205535	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.601	164	147085	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	331787	20.000	ng/u1	0.00
79) Chrysene-d12	21.605	240	275258	20.000	ng/u1	0.00
88) Perylene-d12	24.801	264	347931	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.139	99	1770	0.391	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.304	67	983	0.360	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	1206	0.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.685	113	1346	0.394	ng/u1	0.00
21) Nitrobenzene-d5	9.137	128	520	0.310	ng/u1	0.00
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	10.400	165	1427	0.423	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.002	166	6540	0.564	ng/u1	0.00
49) Acenaphthylene-d8	14.296	160	6575	0.519	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.588	176	5958	0.605	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.445	188	10906	0.708	ng/u1	0.00
81) Pyrene-d10	19.731	212	10279	0.593	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.578	264	10710	0.604	ng/u1	0.00
Target Compounds						Qvalue
30) Naphthalene	10.835	128	1634724	141.527	ng/u1	97
36) 2-Methylnaphthalene	12.433	142	541142	69.499	ng/u1	95
37) 1-Methylnaphthalene	12.651	142	251077	32.156	ng/u1	99
43) 1,1'-Biphenyl	13.438	154	190069	17.932	ng/u1	99
52) Acenaphthene	14.666	153	688823	73.403	ng/u1	98
56) Dibenzofuran	15.001	168	809497	60.683	ng/u1	100
61) Fluorene	15.647	166	763773	69.781	ng/u1	99
72) Phenanthrene	17.398	178	2955550	175.123	ng/u1	92
74) Anthracene	17.480	178	1043609	61.106	ng/u1	98
77) Carbazole	17.745	167	423038	27.388	ng/u1	98
80) Fluoranthene	19.402	202	2307003	114.846	ng/u1	96
82) Pyrene	19.766	202	1871538	92.556	ng/u1	97
85) Benzo(a)anthracene	21.587	228	852471	43.133	ng/u1	97
87) Chrysene	21.652	228	710442	38.346	ng/u1	96
90) Benzo(b)fluoranthene	23.785	252	828148	38.442	ng/u1	99
91) Benzo(k)fluoranthene	23.843	252	339179m	16.063	ng/u1	
93) Benzo(a)pyrene	24.648	252	675950	35.450	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.438	276	378471	14.947	ng/u1	98
95) Dibenzo(a,h)anthracene	28.491	278	96792m	4.636	ng/u1	
96) Benzo(g,h,i)perylene	29.578	276	321019	15.522	ng/u1	98

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

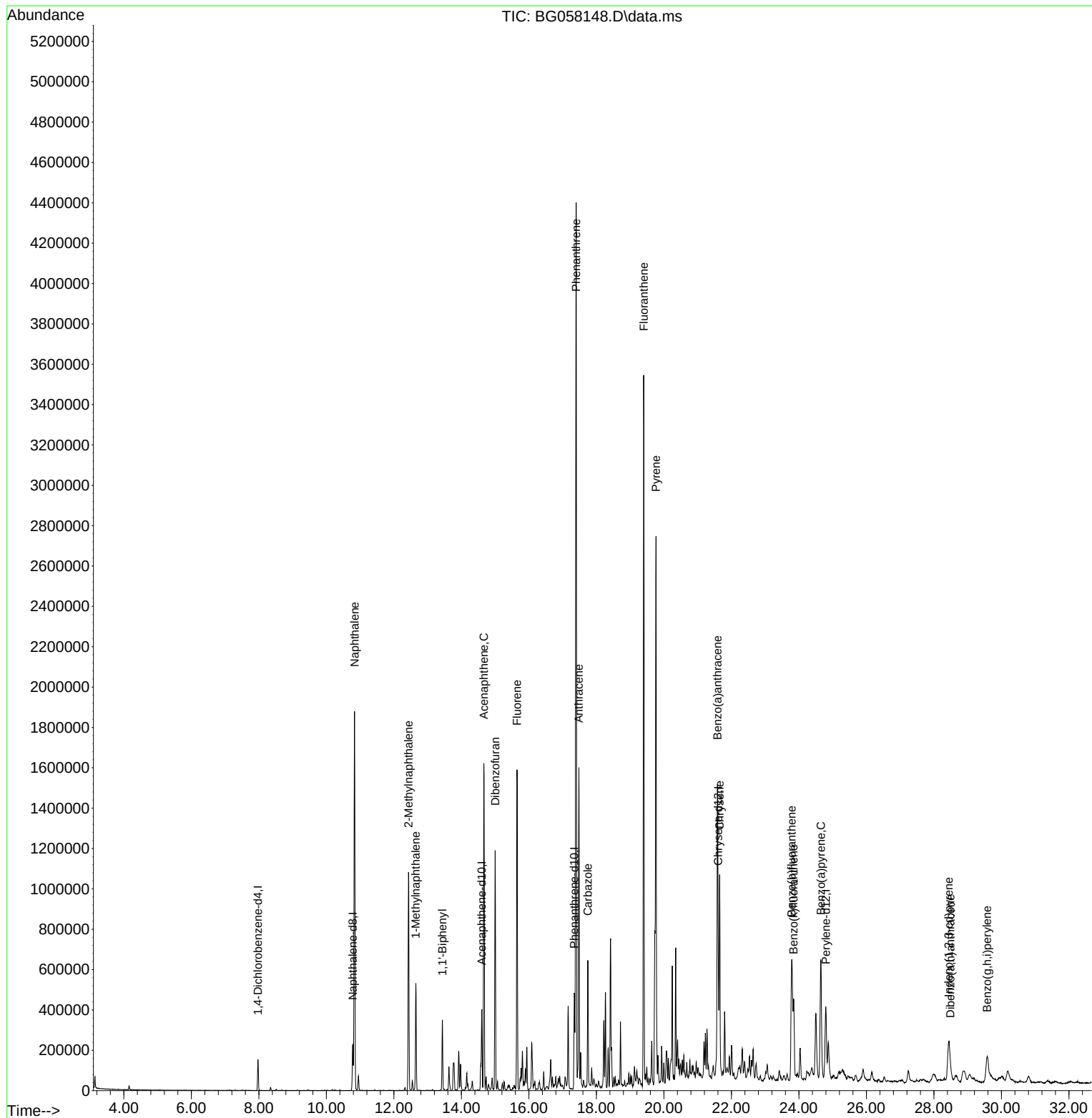
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071023\
Data File : BG058148.D
Acq On : 10 Jul 2023 19:11
Operator : CG/JU
Sample : 03385-01DL2 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

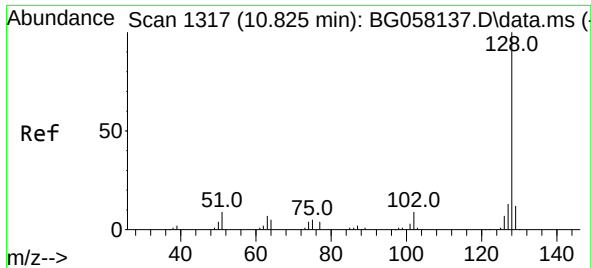
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2

Quant Time: Jul 11 01:49:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

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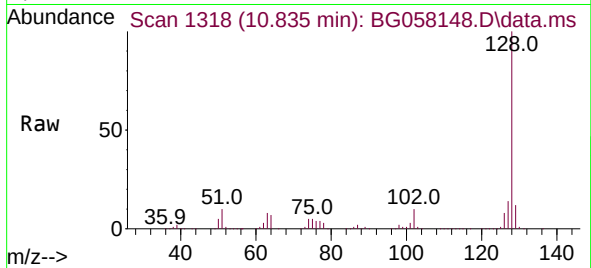
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023





#30
Naphthalene
Concen: 141.527 ng/ul
RT: 10.835 min Scan# 1317
Delta R.T. 0.010 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

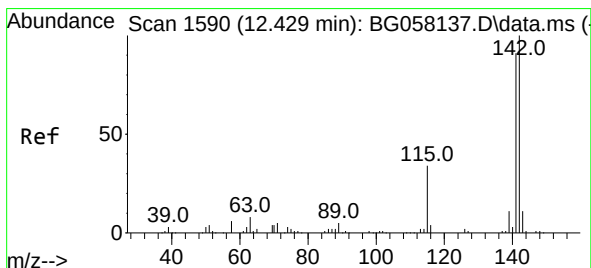
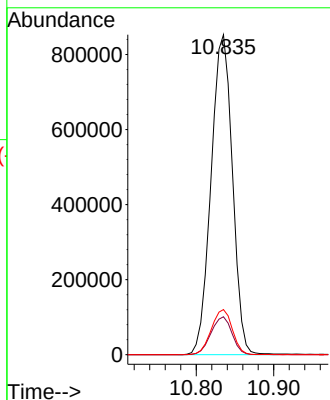
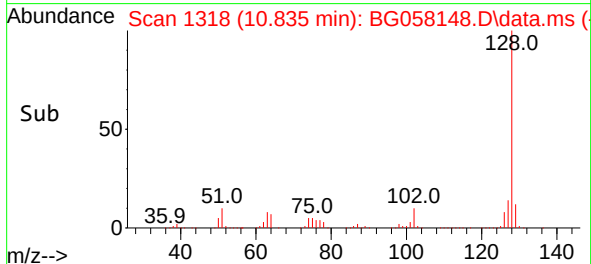
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



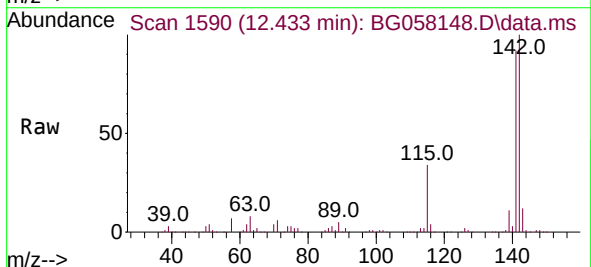
Tgt Ion:128 Resp: 1634724
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 14.1 10.2 15.2

Manual Integrations
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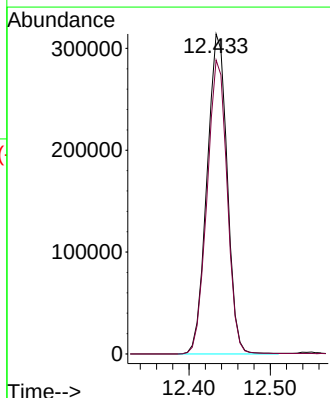
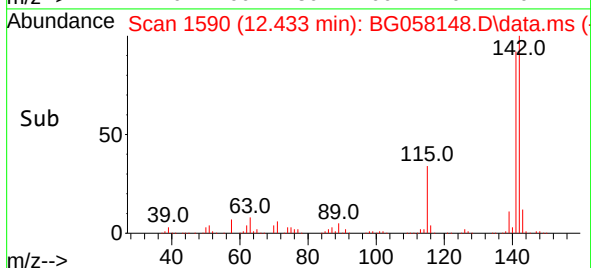
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

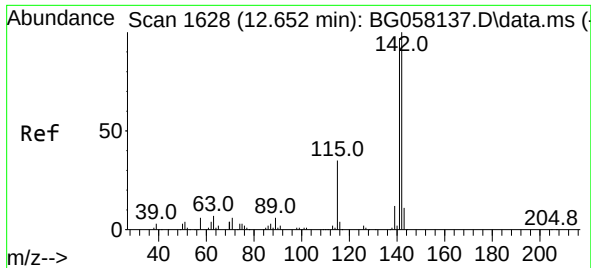


#36
2-Methylnaphthalene
Concen: 69.499 ng/ul
RT: 12.433 min Scan# 1590
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11



Tgt Ion:142 Resp: 541142
Ion Ratio Lower Upper
142 100
141 91.9 69.4 104.2





#37

1-Methylnaphthalene

Concen: 32.156 ng/ul

RT: 12.651 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG058148.D

Acq: 10 Jul 2023 19:11

Instrument :

BNA_G

ClientSampleId :

EX7X7DL2

Tgt Ion:142 Resp: 25107

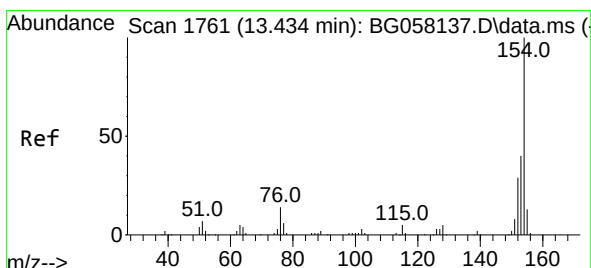
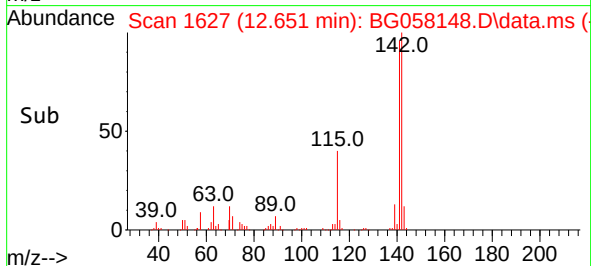
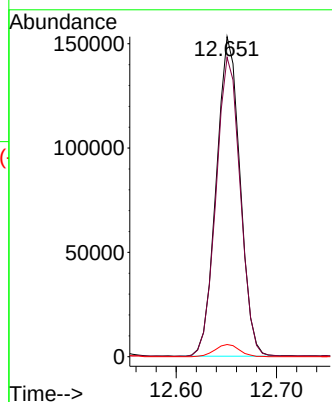
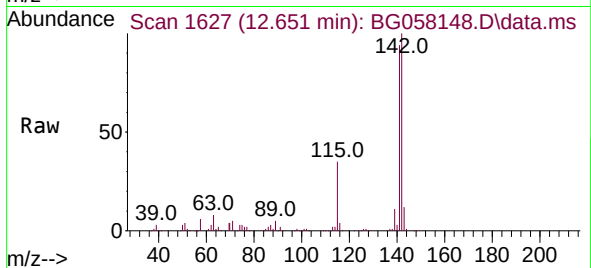
Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.8	110.8
116	3.8	3.0	4.4

Manual Integrations

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Supervised By :mohammad ahmed 07/11/2023



#43

1,1'-Biphenyl

Concen: 17.932 ng/ul

RT: 13.438 min Scan# 1761

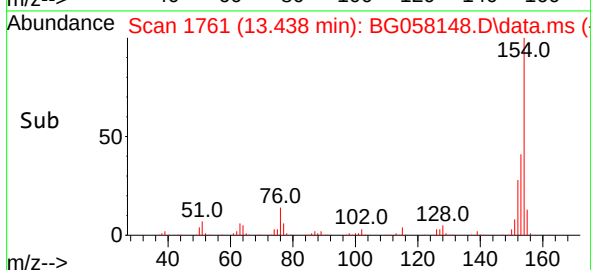
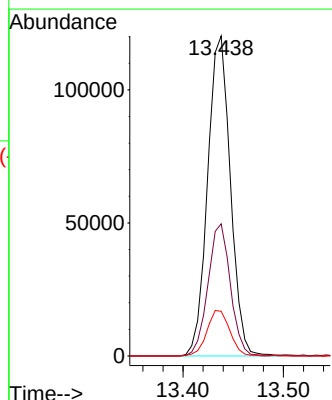
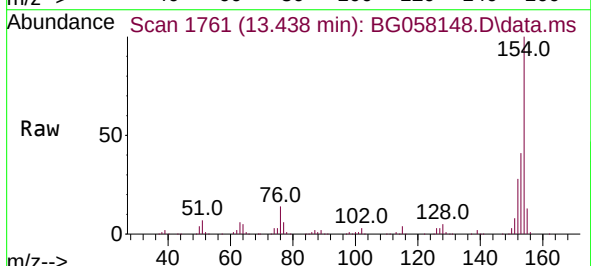
Delta R.T. 0.004 min

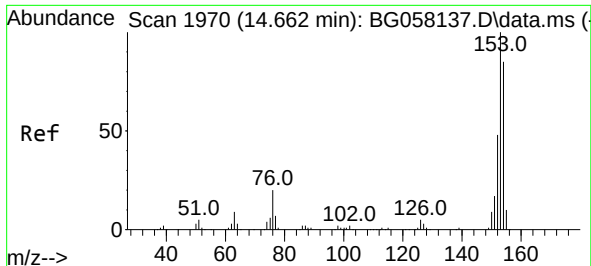
Lab File: BG058148.D

Acq: 10 Jul 2023 19:11

Tgt Ion:154 Resp: 190069

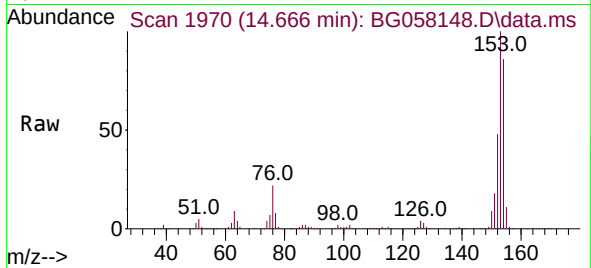
Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.6	49.0
76	14.0	11.6	17.4





#52
Acenaphthene
Concen: 73.403 ng/ul
RT: 14.666 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

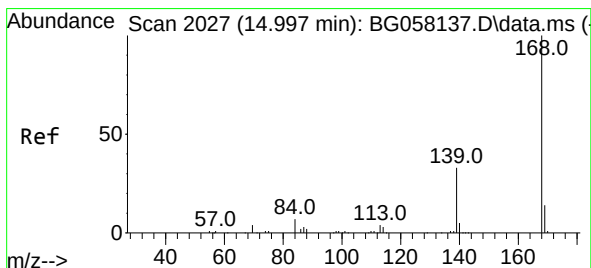
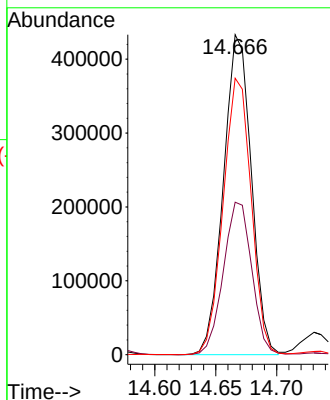
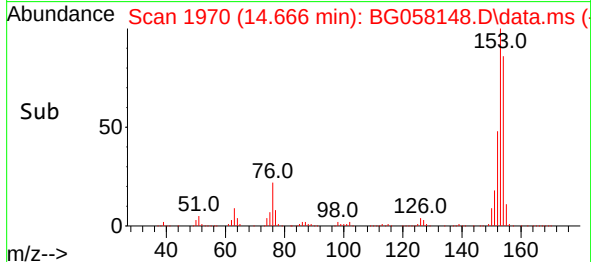
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



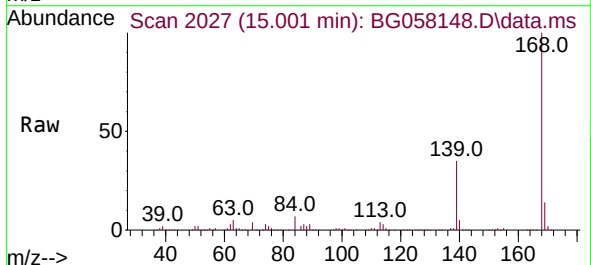
Tgt Ion:153 Resp: 688823
Ion Ratio Lower Upper
153 100
152 47.6 36.5 54.7
154 86.4 70.5 105.7

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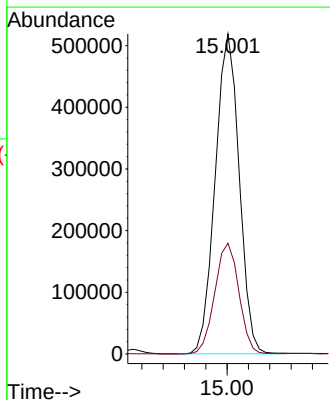
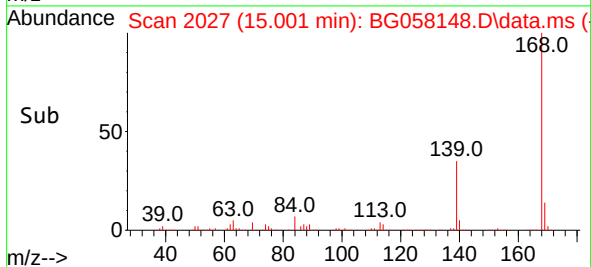
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

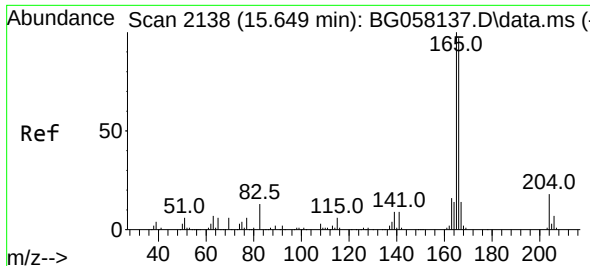


#56
Dibenzofuran
Concen: 60.683 ng/ul
RT: 15.001 min Scan# 2027
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11



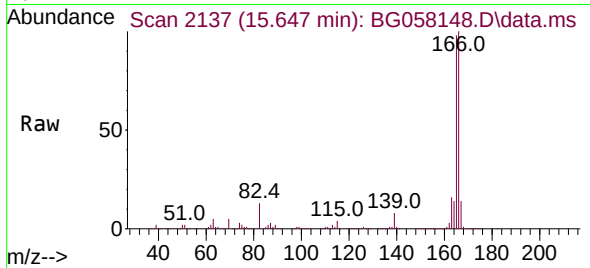
Tgt Ion:168 Resp: 809497
Ion Ratio Lower Upper
168 100
139 34.6 27.6 41.4





#61
Fluorene
Concen: 69.781 ng/ul
RT: 15.647 min Scan# 2138
Delta R.T. -0.002 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

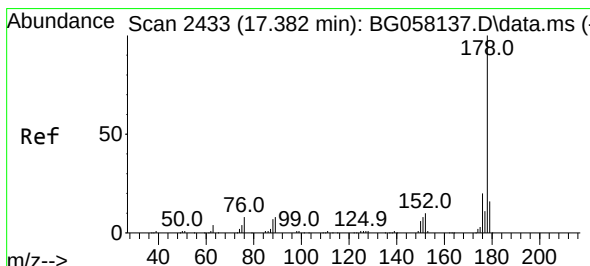
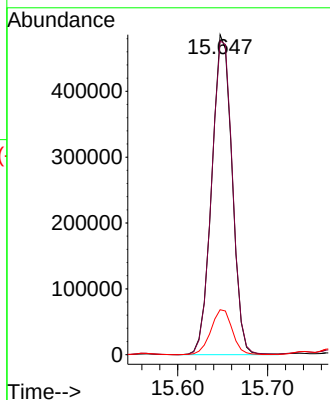
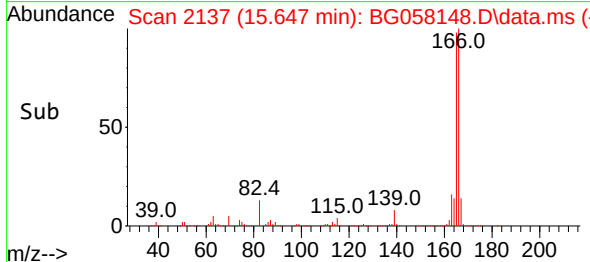
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



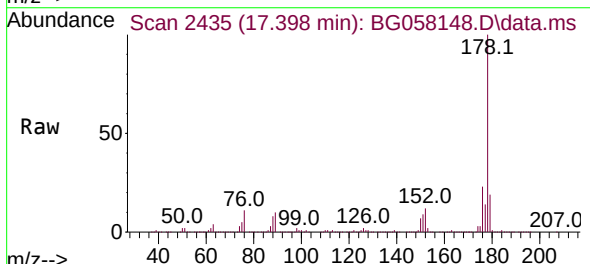
Tgt Ion:166 Resp: 76377
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 14.1 10.7 16.1

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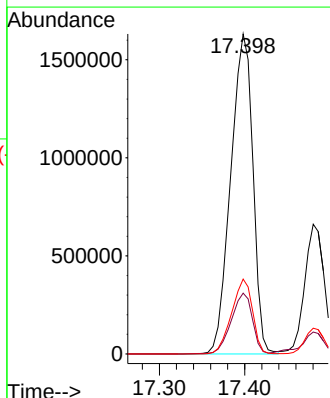
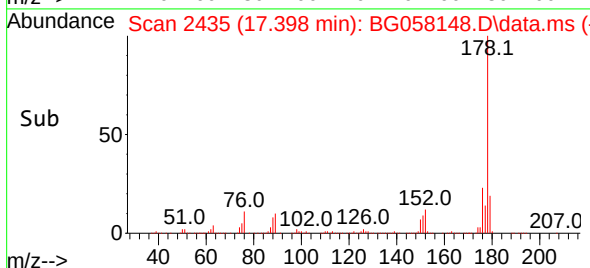
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

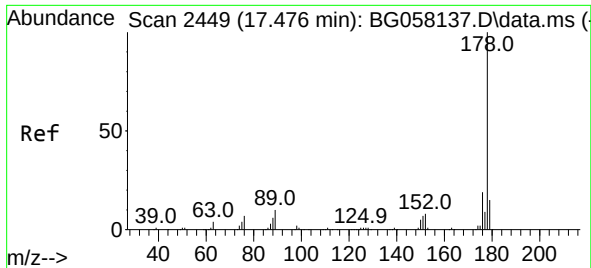


#72
Phenanthrene
Concen: 175.123 ng/ul
RT: 17.398 min Scan# 2435
Delta R.T. 0.016 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11



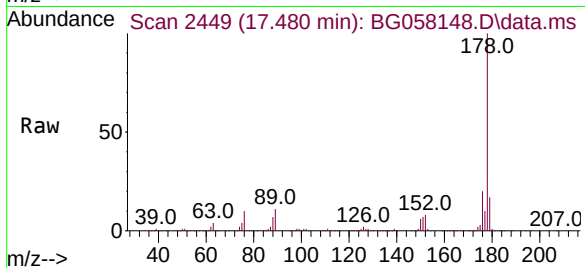
Tgt Ion:178 Resp: 2955550
Ion Ratio Lower Upper
178 100
179 19.0 12.8 19.2
176 23.4 15.7 23.5





#74
 Anthracene
 Concen: 61.106 ng/u1
 RT: 17.480 min Scan# 2449
 Delta R.T. 0.004 min
 Lab File: BG058148.D
 Acq: 10 Jul 2023 19:11

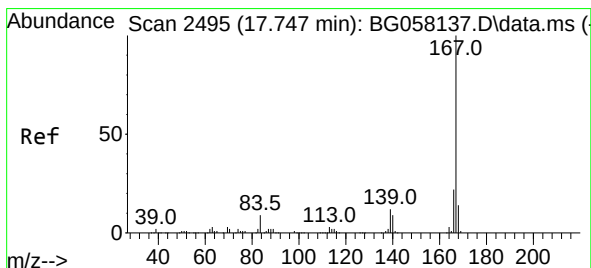
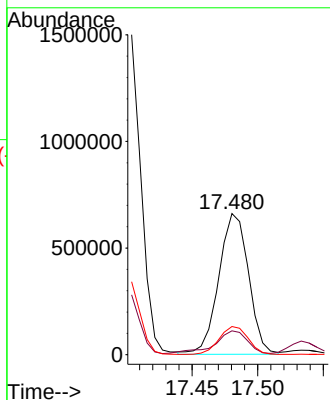
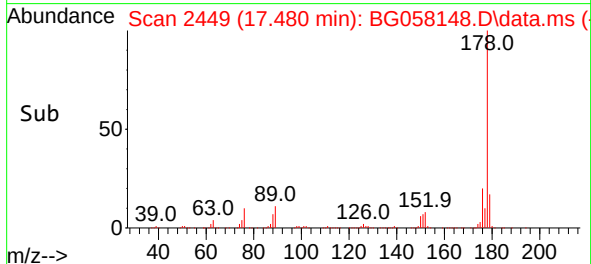
Instrument :
 BNA_G
 ClientSampleId :
 EX7X7DL2



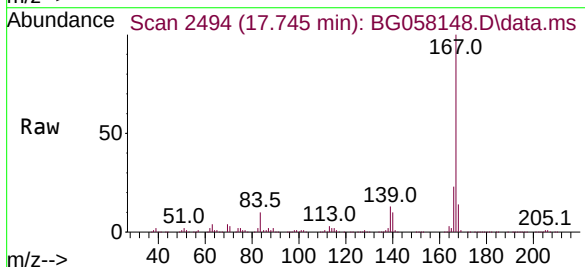
Tgt Ion:178 Resp: 1043609
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.6 18.8
 176 19.9 15.4 23.2

Manual Integrations
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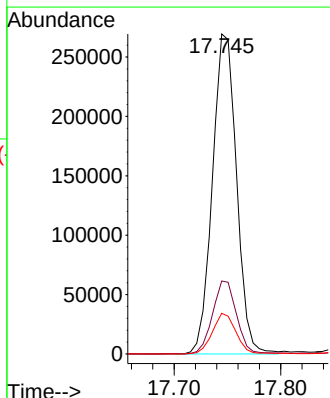
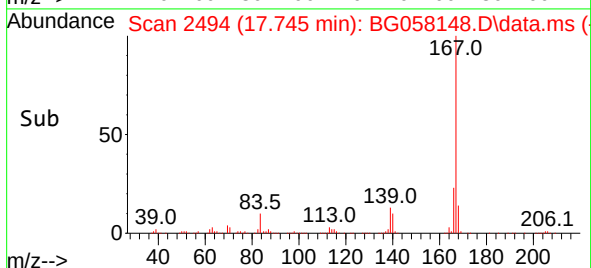
Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :mohammad ahmed 07/11/2023

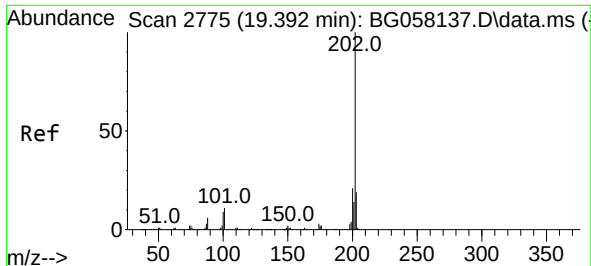


#77
 Carbazole
 Concen: 27.388 ng/u1
 RT: 17.745 min Scan# 2494
 Delta R.T. -0.002 min
 Lab File: BG058148.D
 Acq: 10 Jul 2023 19:11



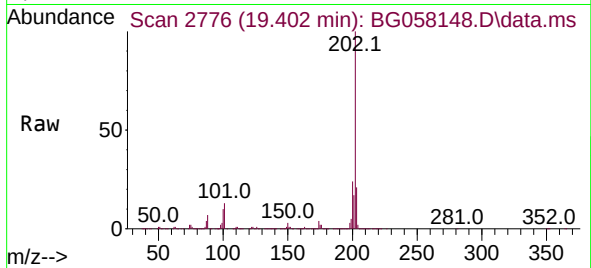
Tgt Ion:167 Resp: 423038
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.5 26.3
 139 12.7 9.5 14.3





#80
Fluoranthene
Concen: 114.846 ng/ul
RT: 19.402 min Scan# 21
Delta R.T. 0.010 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

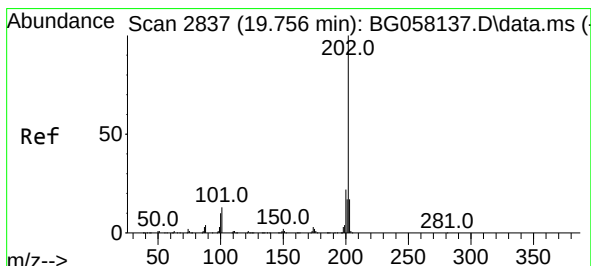
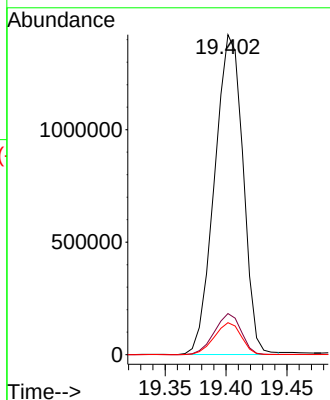
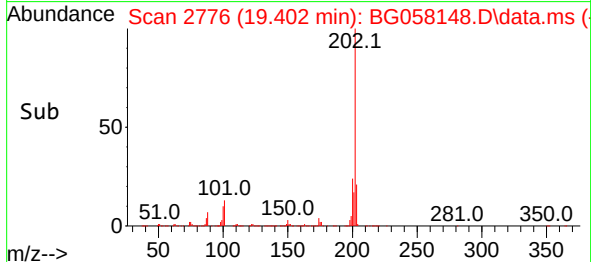
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



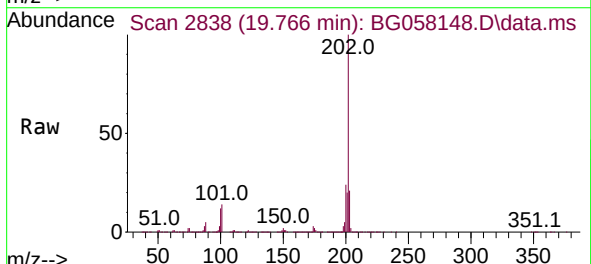
Tgt Ion:202 Resp: 230700
Ion Ratio Lower Upper
202 100
101 12.9 9.1 13.7
100 10.0 7.1 10.7

Manual Integrations
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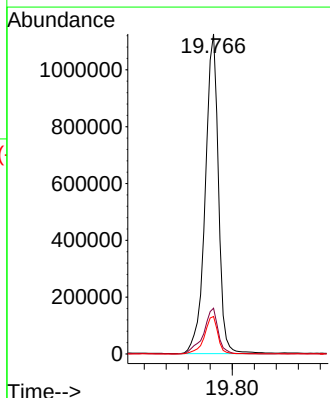
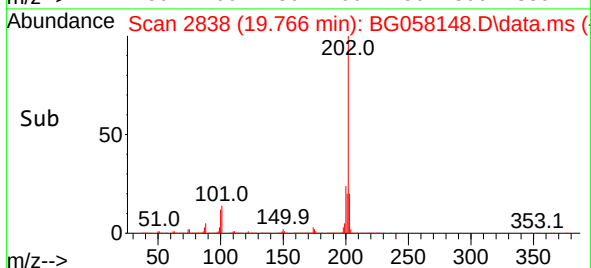
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

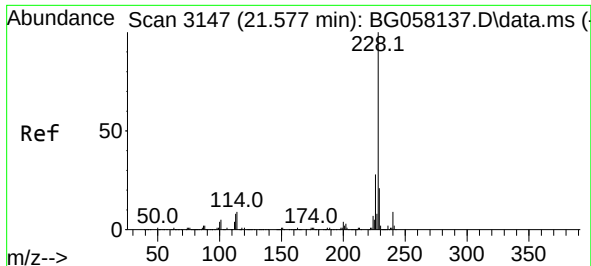


#82
Pyrene
Concen: 92.556 ng/ul
RT: 19.766 min Scan# 2838
Delta R.T. 0.010 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11



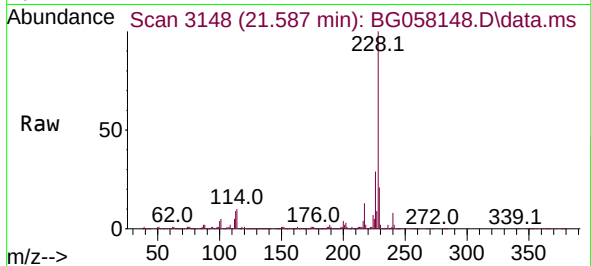
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Ion Ratio Lower Upper
202 100
101 14.3 10.2 15.2
100 11.7 8.9 13.3





#85
Benzo(a)anthracene
Concen: 43.133 ng/uI
RT: 21.587 min Scan# 3147
Delta R.T. 0.010 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

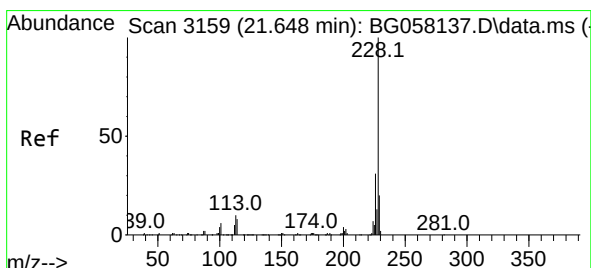
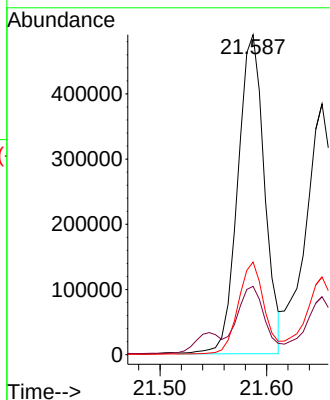
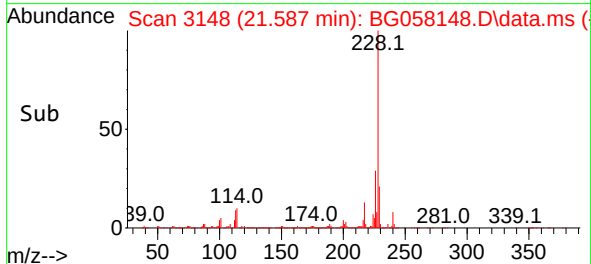
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



Tgt Ion:228 Resp: 85247
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.9 22.0 33.0

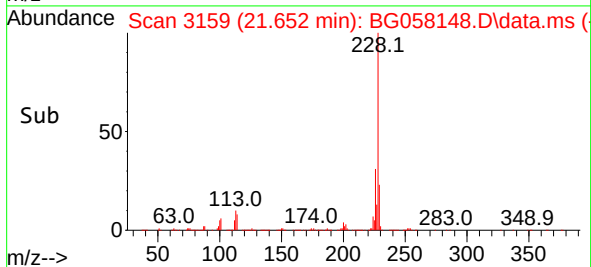
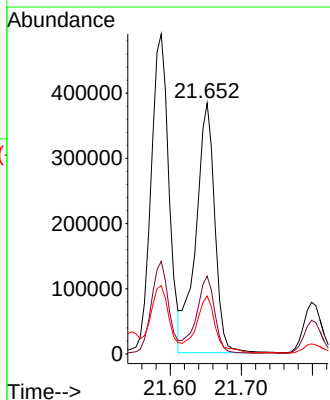
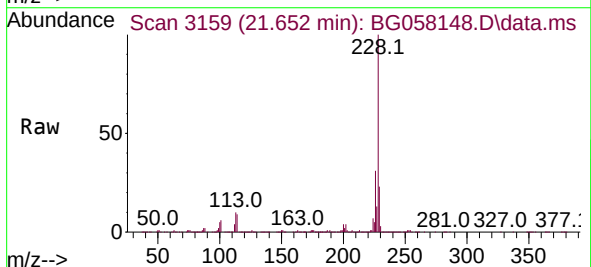
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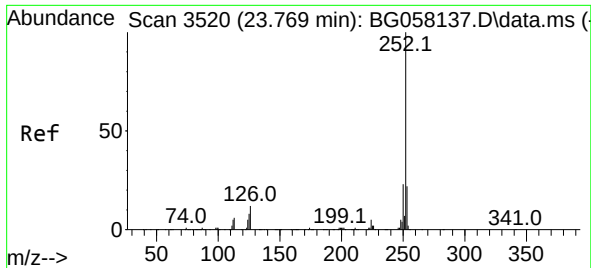
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



#87
Chrysene
Concen: 38.346 ng/uI
RT: 21.652 min Scan# 3159
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

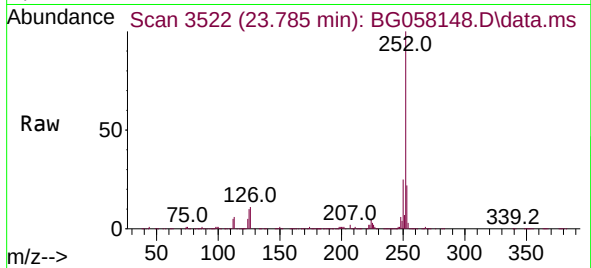
Tgt Ion:228 Resp: 710442
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 23.1 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 38.442 ng/ul
RT: 23.785 min Scan# 3522
Delta R.T. 0.016 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

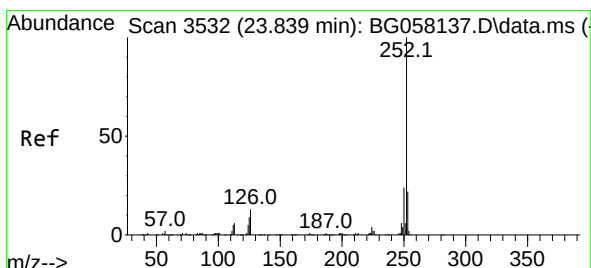
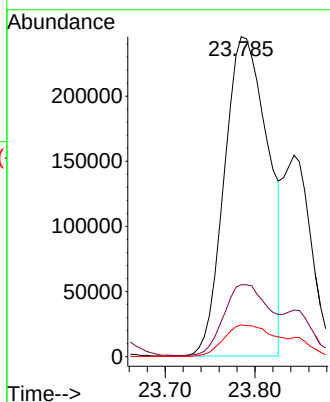
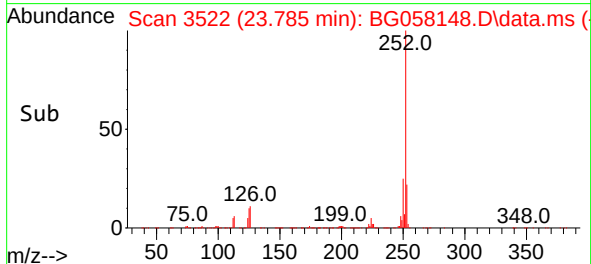
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



Tgt Ion:252 Resp: 828148
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.0 7.5 11.3

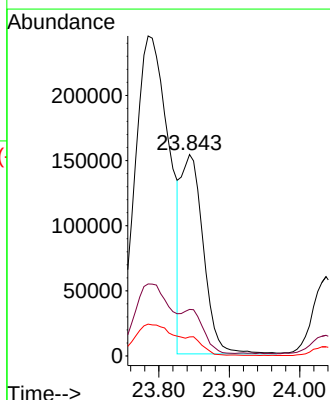
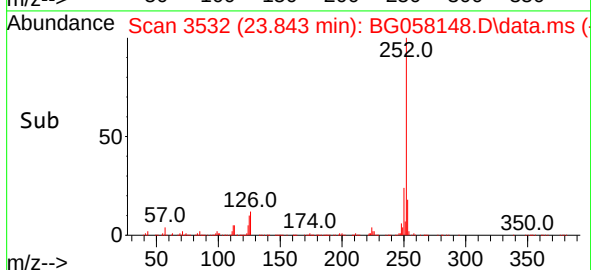
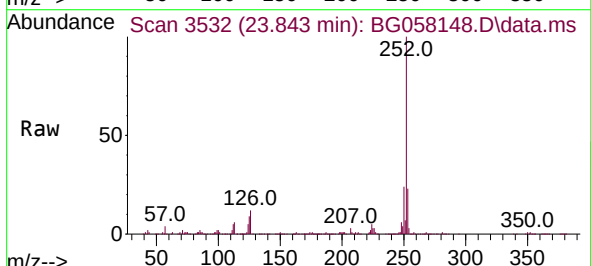
Manual Integrations
APPROVED

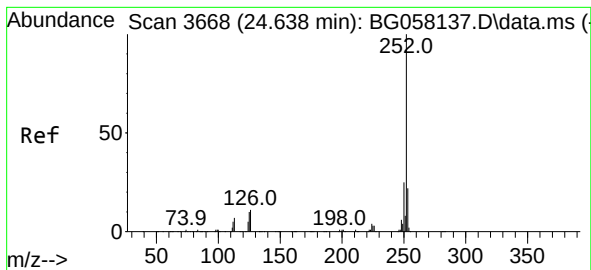
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



#91
Benzo(k)fluoranthene
Concen: 16.063 ng/ul m
RT: 23.843 min Scan# 3532
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

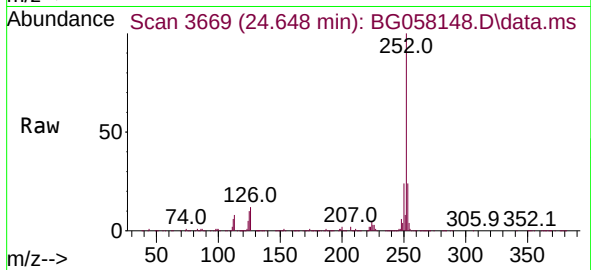
Tgt Ion:252 Resp: 339179
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.5 7.4 11.2





#93
Benzo(a)pyrene
Concen: 35.450 ng/ul
RT: 24.648 min Scan# 30
Delta R.T. 0.010 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

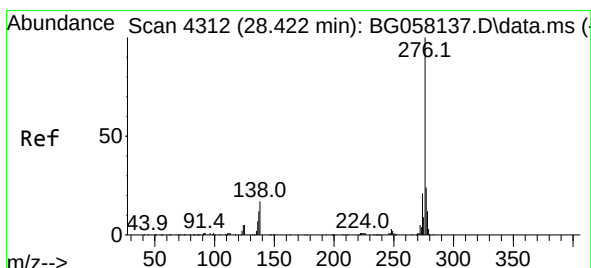
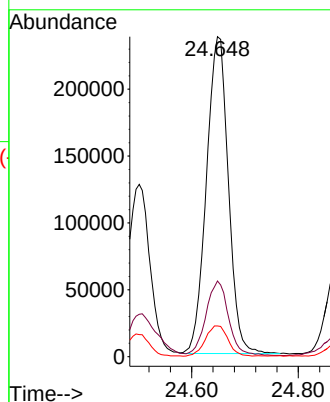
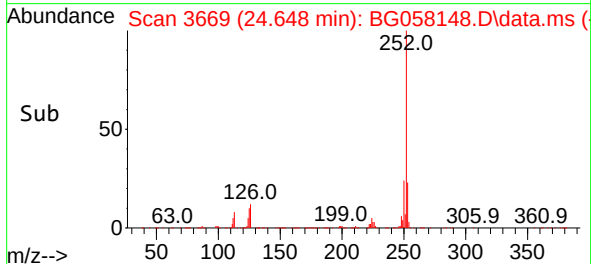
Instrument :
BNA_G
ClientSampleId :
EX7X7DL2



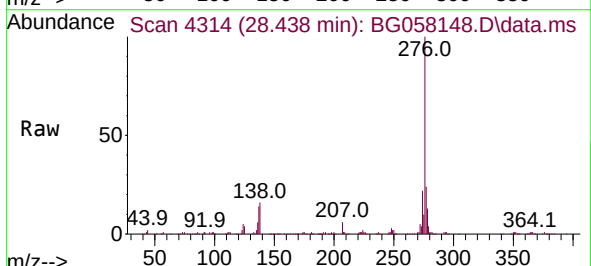
Tgt Ion:252 Resp: 675950
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 9.6 8.3 12.5

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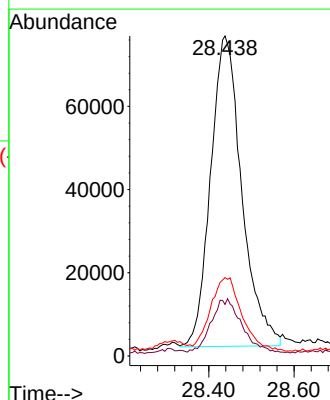
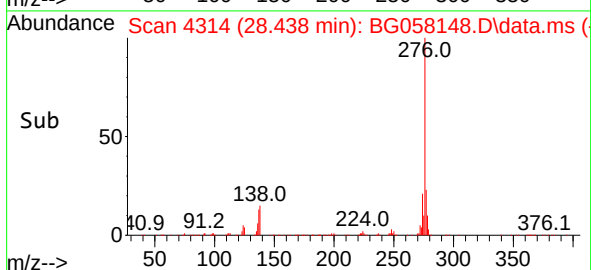
Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023

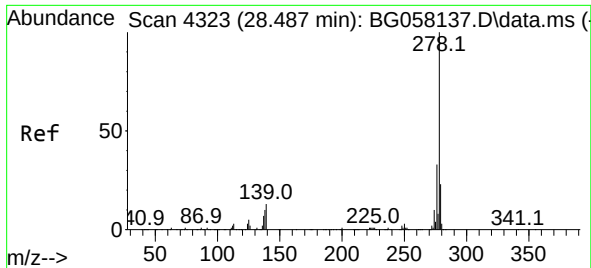


#94
Indeno(1,2,3-cd)pyrene
Concen: 14.947 ng/ul
RT: 28.438 min Scan# 4314
Delta R.T. 0.016 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11



Tgt Ion:276 Resp: 378471
Ion Ratio Lower Upper
276 100
138 16.1 14.0 21.0
277 24.5 19.4 29.2





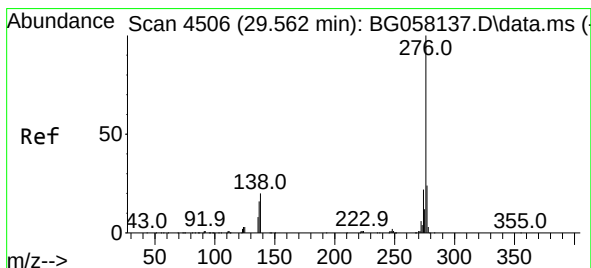
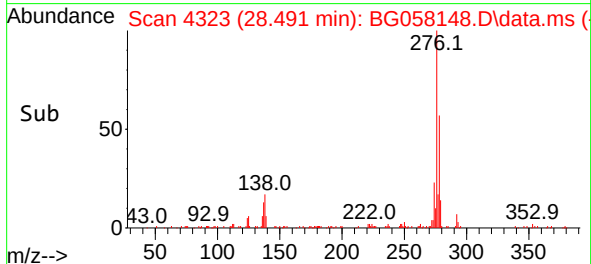
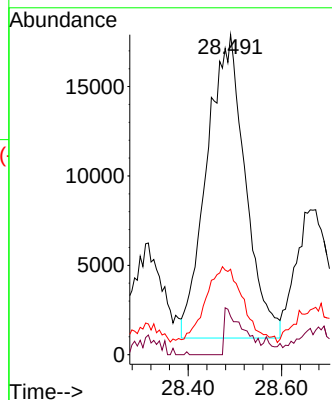
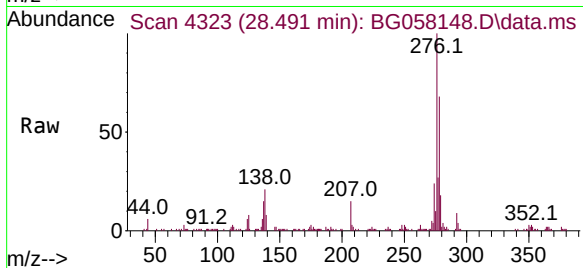
#95
Dibenzo(a,h)anthracene
Concen: 4.636 ng/ul m
RT: 28.491 min Scan# 4323
Delta R.T. 0.004 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

Instrument :
BNA_G
ClientSampleId :
EX7X7DL2

Tgt Ion:278 Resp: 96792
Ion Ratio Lower Upper
278 100
139 12.0 11.3 16.9
279 26.7 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2023
Supervised By :mohammad ahmed 07/11/2023



#96
Benzo(g,h,i)perylene
Concen: 15.522 ng/ul
RT: 29.578 min Scan# 4508
Delta R.T. 0.016 min
Lab File: BG058148.D
Acq: 10 Jul 2023 19:11

Tgt Ion:276 Resp: 321019
Ion Ratio Lower Upper
276 100
138 18.7 14.2 21.2
277 24.5 18.6 27.8

