

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
 Data File : BG063871.D
 Acq On : 27 Dec 2024 16:48
 Operator : RC/JU
 Sample : P5265-18
 Misc : GCMS CONFIRMATION
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2903

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 28 00:06:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 00:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	116367	20.000	ng/u1	0.00
20) Naphthalene-d8	10.584	136	435339	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.438	164	300500	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.200	188	671313	20.000	ng/u1	0.01
79) Chrysene-d12	21.454	240	745681	20.000	ng/u1	0.02
88) Perylene-d12	24.468	264	802899	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/u1	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/u1	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/u1	
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/u1	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/u1	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	0.000	176	0d	0.000	ng/u1	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	0.000	188	0d	0.000	ng/u1	
81) Pyrene-d10	0.000	212	0d	0.000	ng/u1	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/u1	
Target Compounds						Qvalue
30) Naphthalene	10.631	128	849049	39.009	ng/u1	99
36) 2-Methylnaphthalene	12.253	142	392002	25.059	ng/u1	99
37) 1-Methylnaphthalene	12.470	142	287972	18.073	ng/u1	97
43) 1,1'-Biphenyl	13.269	154	227158	11.463	ng/u1	92
52) Acenaphthene	14.503	153	623123	35.175	ng/u1	97
56) Dibenzofuran	14.844	168	2033757	81.432	ng/u1	100
61) Fluorene	15.496	166	1022339	51.264	ng/u1	97
72) Phenanthrene	17.264	178	11449933m	353.935	ng/u1	
74) Anthracene	17.335	178	162134	4.952	ng/u1	99
80) Fluoranthene	19.286	202	10636907	241.179	ng/u1#	70
82) Pyrene	19.632	202	6122620	130.482	ng/u1#	84
85) Benzo(a)anthracene	21.436	228	2665345	57.034	ng/u1	98
87) Chrysene	21.501	228	5455957m	122.494	ng/u1	
90) Benzo(b)fluoranthene	23.516	252	2703256	59.239	ng/u1	99
91) Benzo(k)fluoranthene	23.575	252	888361m	19.516	ng/u1	
95) Dibenzo(a,h)anthracene	27.911	278	153191m	3.660	ng/u1	

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

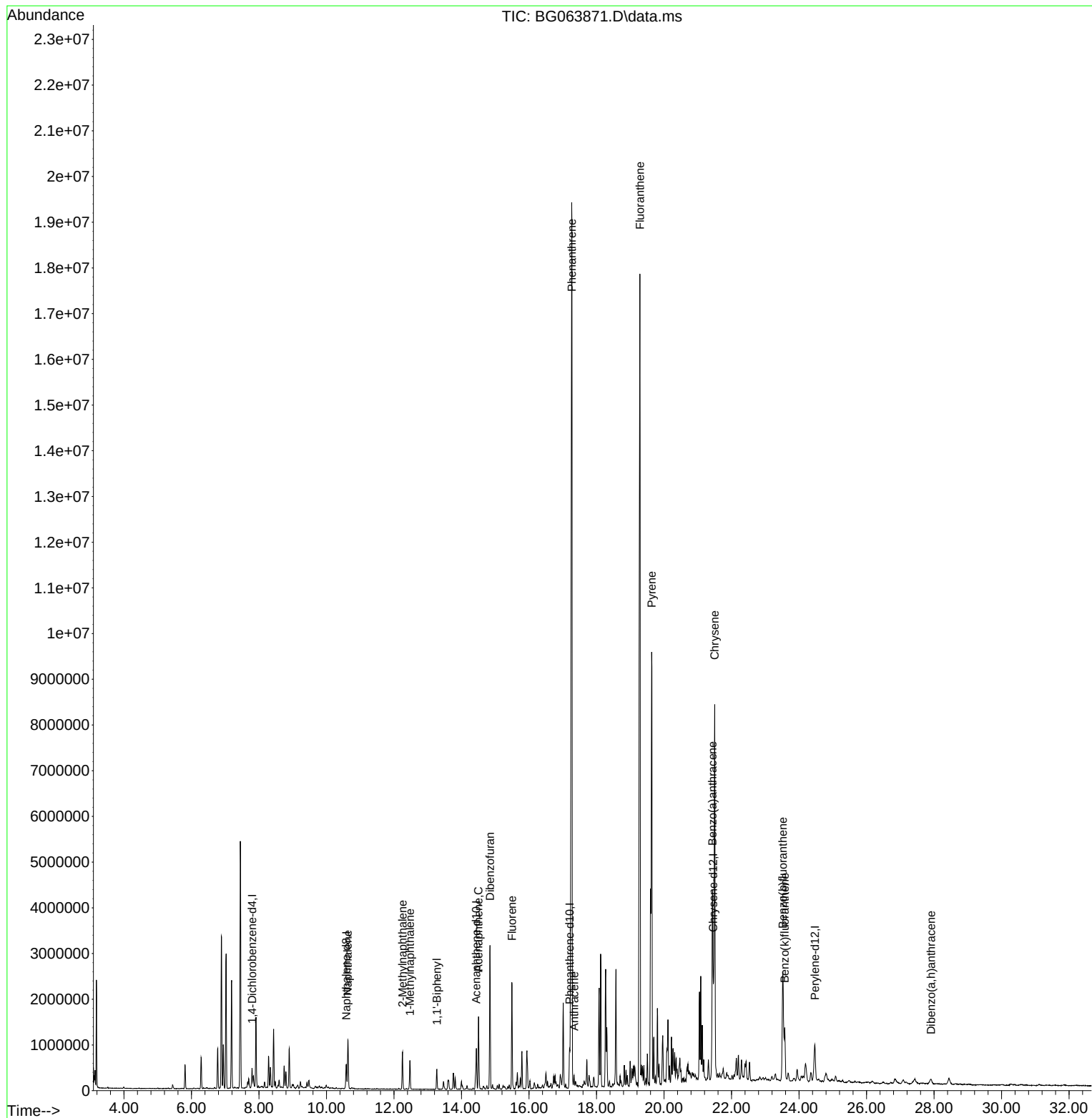
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122624\
Data File : BG063871.D
Acq On : 27 Dec 2024 16:48
Operator : RC/JU
Sample : P5265-18
Misc : GCMS CONFIRMATION
ALS Vial : 43 Sample Multiplier: 1

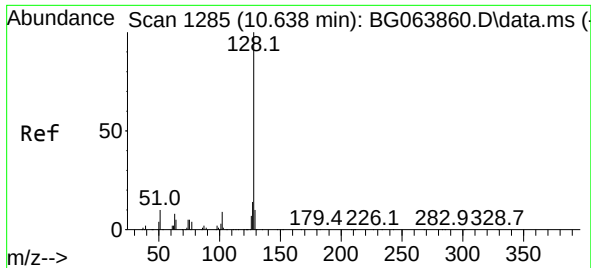
Instrument :
BNA_G
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Quant Time: Dec 28 00:06:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 24 00:44:39 2024
Response via : Initial Calibration

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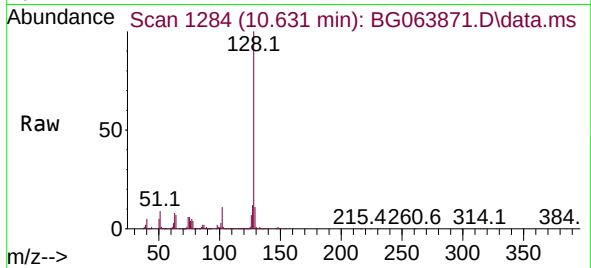
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#30
Naphthalene
Concen: 39.009 ng/ul
RT: 10.631 min Scan# 1284
Delta R.T. -0.007 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

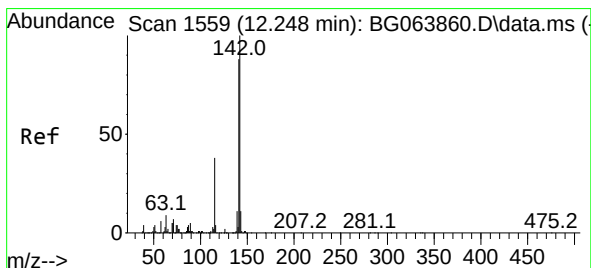
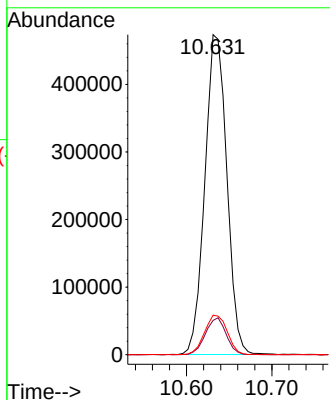
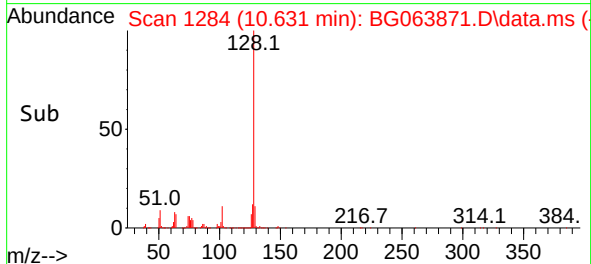
Instrument :
BNA_G
ClientSampleId :
E2903



Tgt Ion:128 Resp: 849049
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.2
127 12.4 9.8 14.8

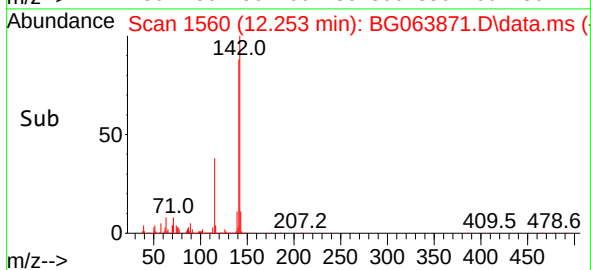
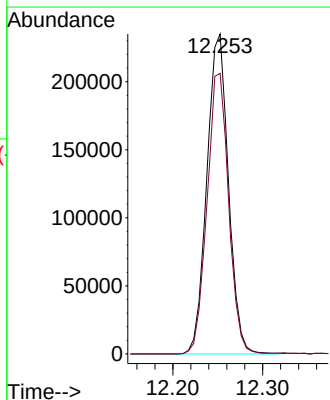
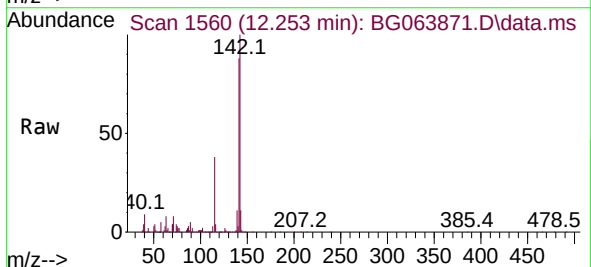
Manual Integrations
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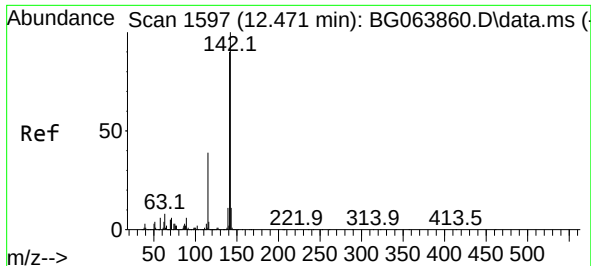
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#36
2-Methylnaphthalene
Concen: 25.059 ng/ul
RT: 12.253 min Scan# 1560
Delta R.T. -0.001 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

Tgt Ion:142 Resp: 392002
Ion Ratio Lower Upper
142 100
141 87.7 69.5 104.3





#37

1-Methylnaphthalene

Concen: 18.073 ng/ul

RT: 12.470 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

Instrument :

BNA_G

ClientSampleId :

E2903

Tgt Ion:142 Resp: 287972

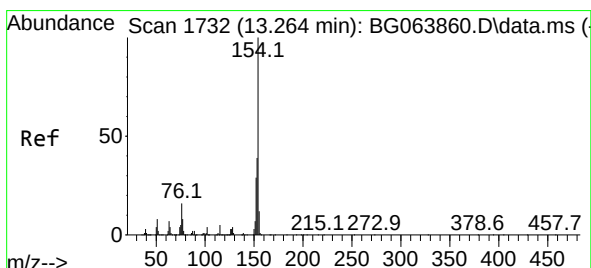
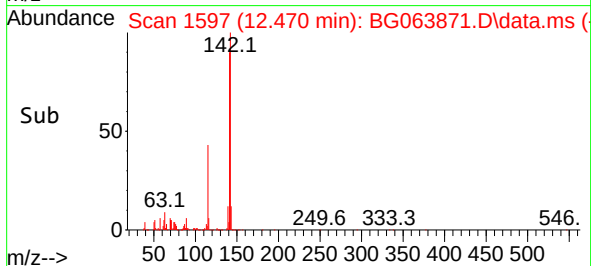
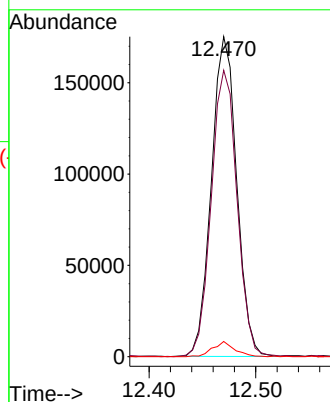
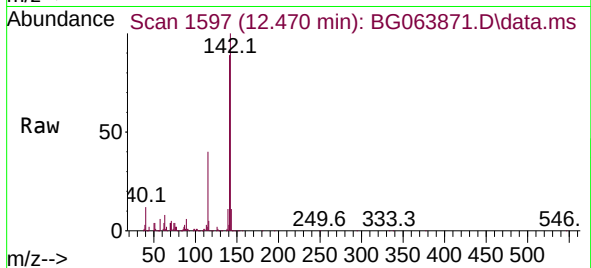
Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.8	110.6
116	4.7	3.5	5.3

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 11.463 ng/ul

RT: 13.269 min Scan# 1733

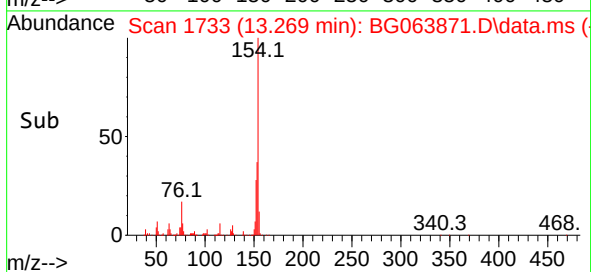
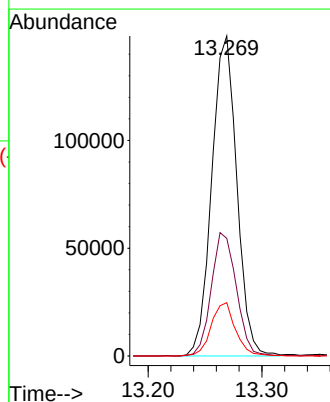
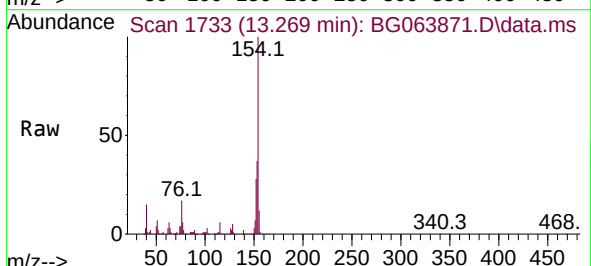
Delta R.T. 0.005 min

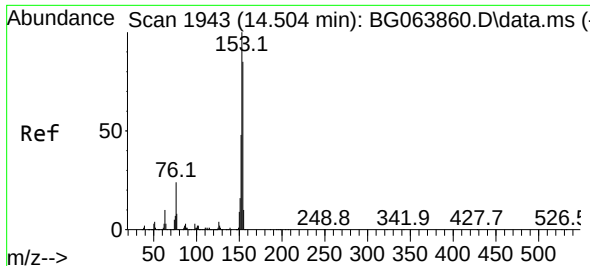
Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

Tgt Ion:154 Resp: 227158

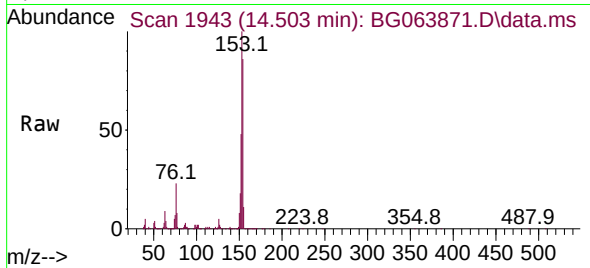
Ion	Ratio	Lower	Upper
154	100		
153	36.7	35.1	52.7
76	16.7	13.4	20.2





#52
Acenaphthene
Concen: 35.175 ng/ul
RT: 14.503 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

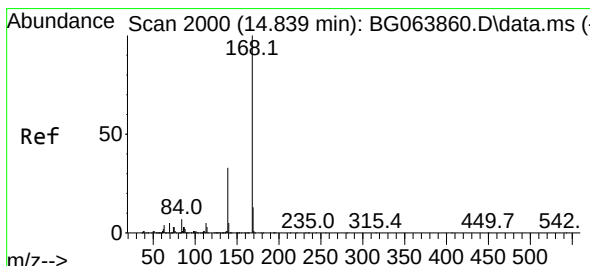
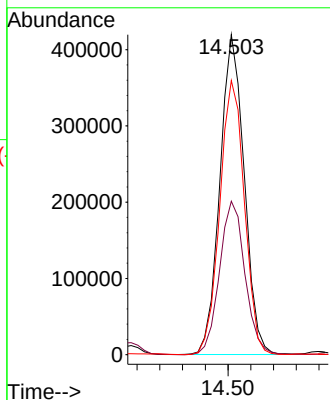
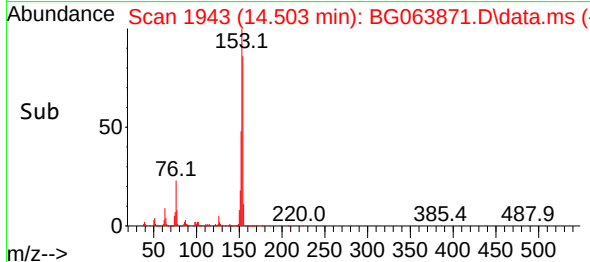
Instrument :
BNA_G
ClientSampleId :
E2903



Tgt Ion:153 Resp: 62312
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.4
154 85.6 70.8 106.2

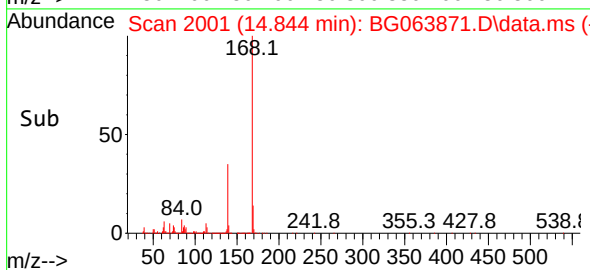
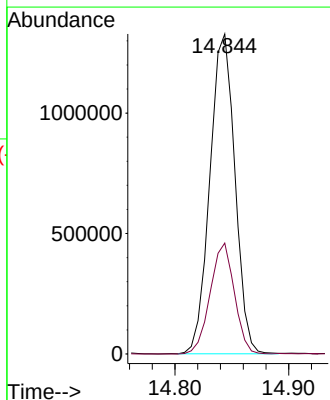
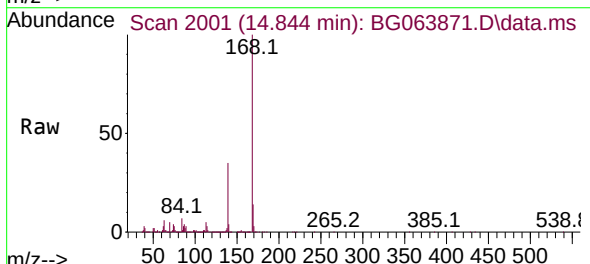
Manual Integrations
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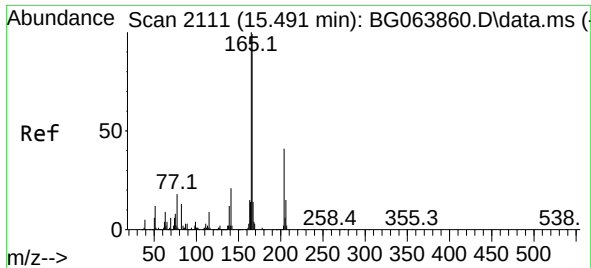
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#56
Dibenzofuran
Concen: 81.432 ng/ul
RT: 14.844 min Scan# 2001
Delta R.T. 0.005 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

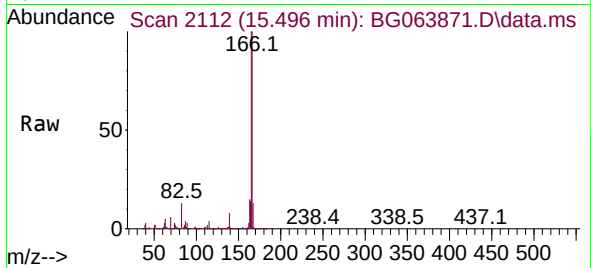
Tgt Ion:168 Resp: 2033757
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.8





#61
Fluorene
Concen: 51.264 ng/ul
RT: 15.496 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

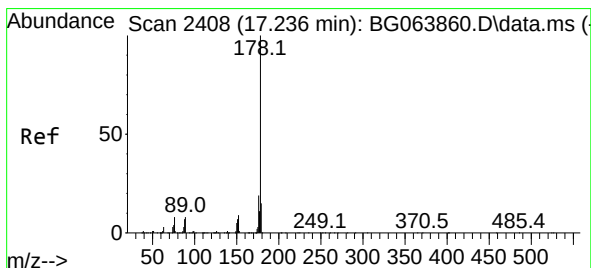
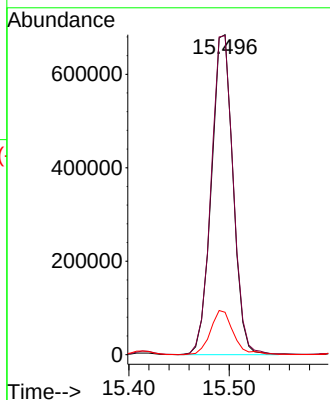
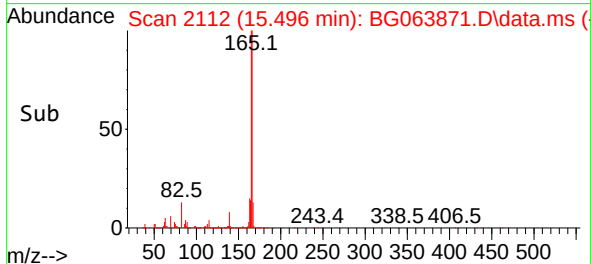
Instrument :
BNA_G
ClientSampleId :
E2903



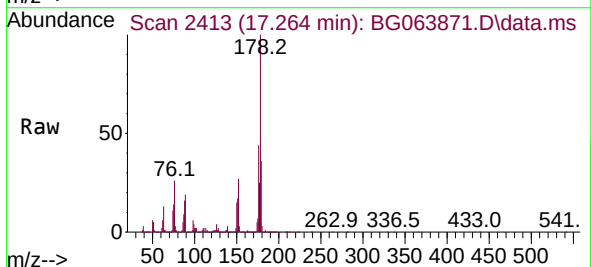
Tgt Ion:166 Resp: 1022339
Ion Ratio Lower Upper
166 100
165 99.7 81.9 122.9
167 13.2 11.4 17.0

Manual Integrations
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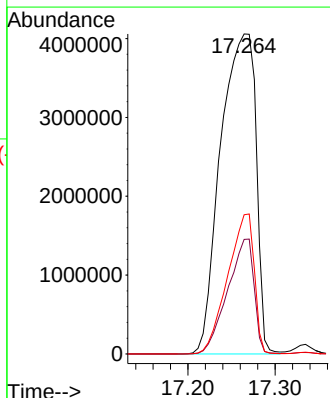
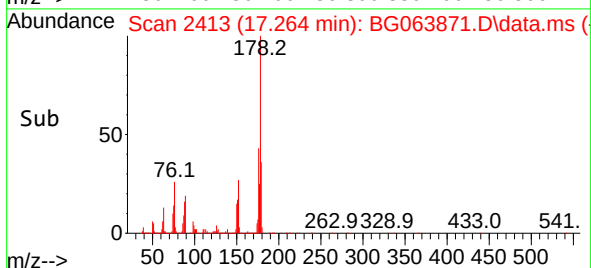
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

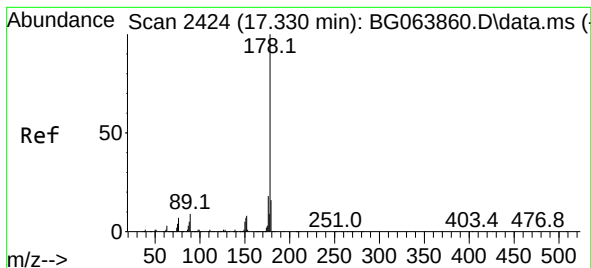


#72
Phenanthrene
Concen: 353.935 ng/ul m
RT: 17.264 min Scan# 2413
Delta R.T. 0.035 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48



Tgt Ion:178 Resp:11449933
Ion Ratio Lower Upper
178 100
179 35.8 12.2 18.2#
176 43.5 15.8 23.6#





#74

Anthracene

Concen: 4.952 ng/ul

RT: 17.335 min Scan# 2424

Delta R.T. 0.011 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

Instrument :

BNA_G

ClientSampleId :

E2903

Tgt Ion:178 Resp: 162134

Ion Ratio Lower Upper

178 100

179 14.8 12.4 18.6

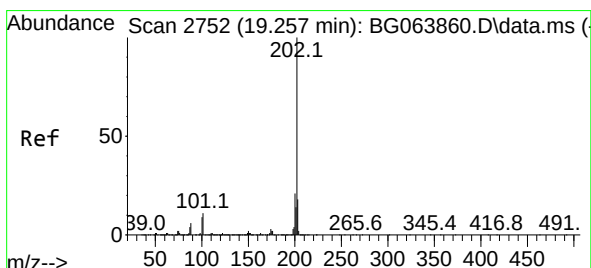
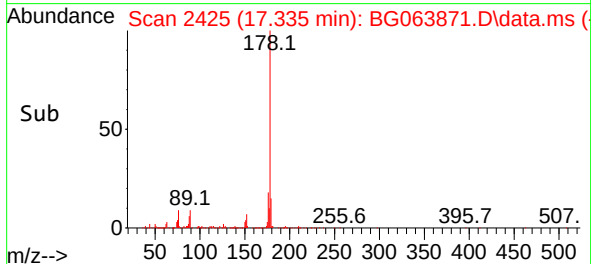
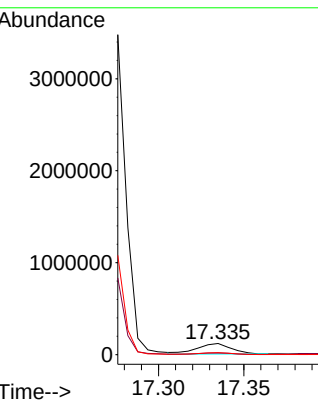
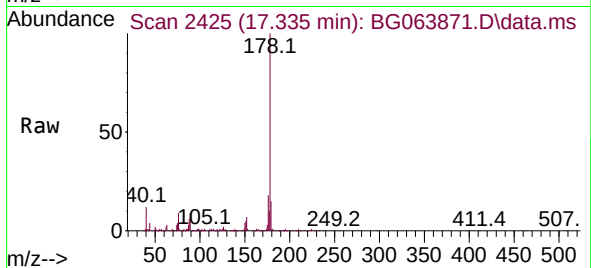
176 18.4 14.4 21.6

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2024



#80

Fluoranthene

Concen: 241.179 ng/ul

RT: 19.286 min Scan# 2757

Delta R.T. 0.035 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

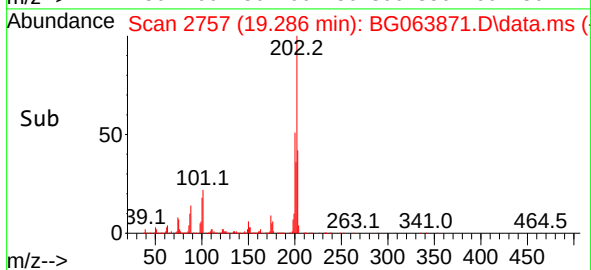
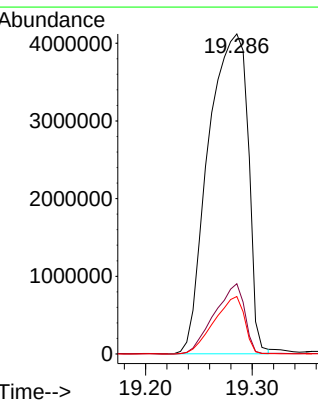
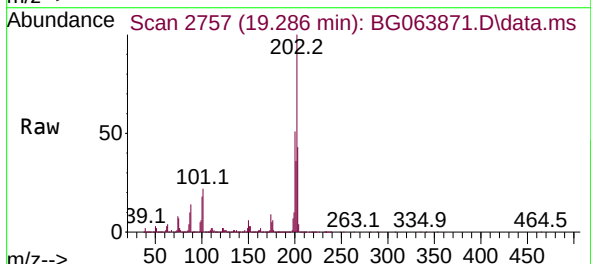
Tgt Ion:202 Resp:10636907

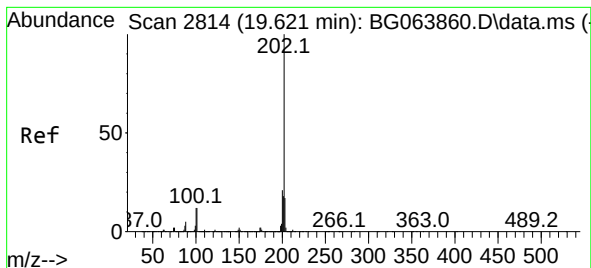
Ion Ratio Lower Upper

202 100

101 22.0 8.1 12.1#

100 18.0 6.5 9.7#





#82

Pyrene

Concen: 130.482 ng/u1

RT: 19.632 min Scan# 21

Delta R.T. 0.017 min

Lab File: BG063871.D

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Instrument :

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ClientSampleId :

E2903

Tgt Ion:202 Resp: 6122620

Ion Ratio Lower Upper

202 100

101 17.6 8.7 13.1

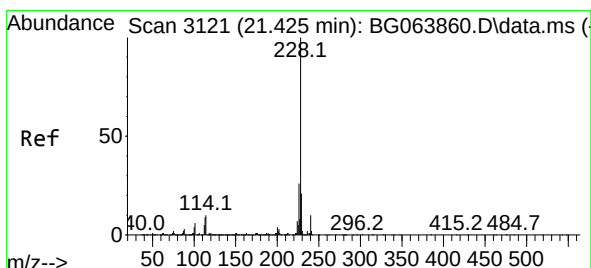
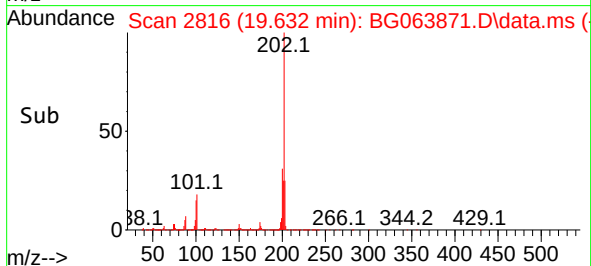
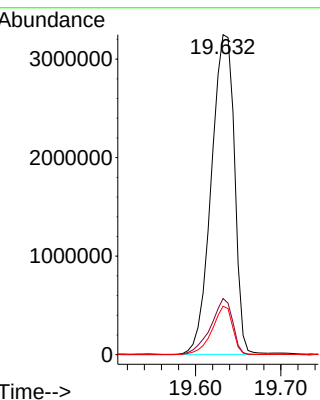
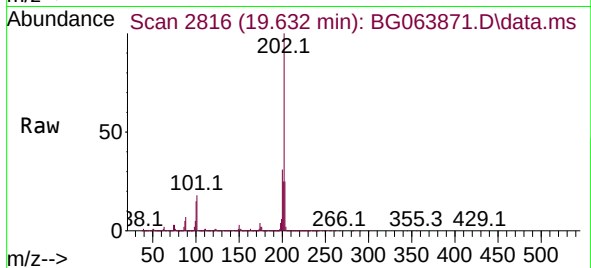
100 15.1 7.8 11.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#85

Benzo(a)anthracene

Concen: 57.034 ng/u1

RT: 21.436 min Scan# 3123

Delta R.T. 0.017 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

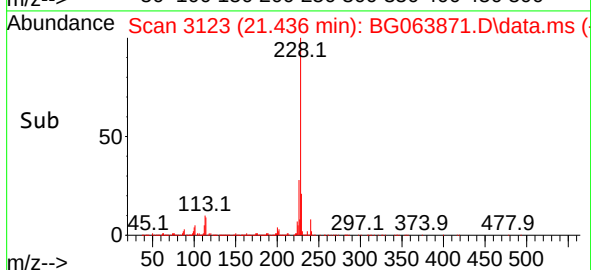
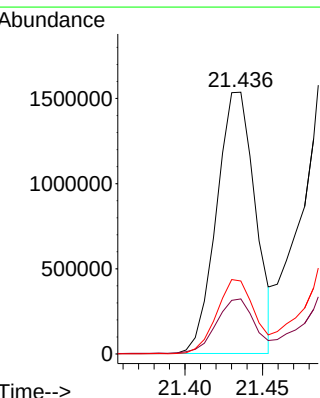
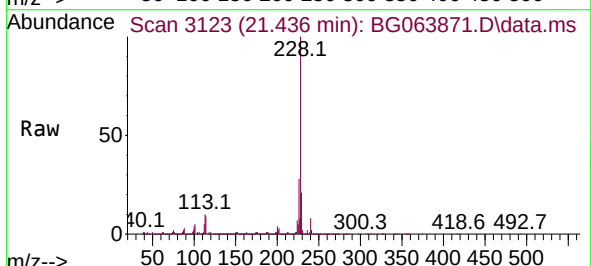
Tgt Ion:228 Resp: 2665345

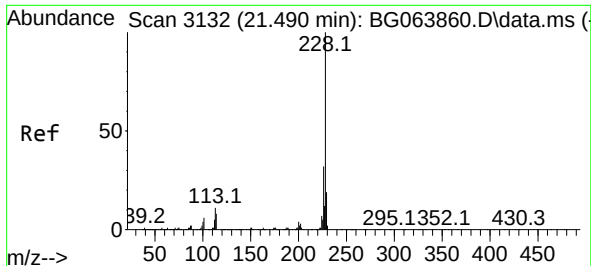
Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

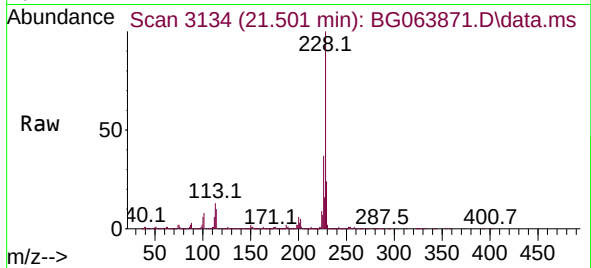
226 27.9 22.0 33.0





#87
Chrysene
Concen: 122.494 ng/ul m
RT: 21.501 min Scan# 3132
Delta R.T. 0.017 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

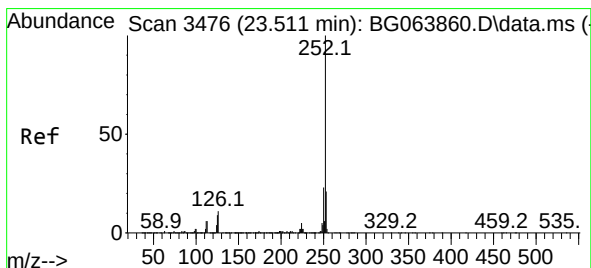
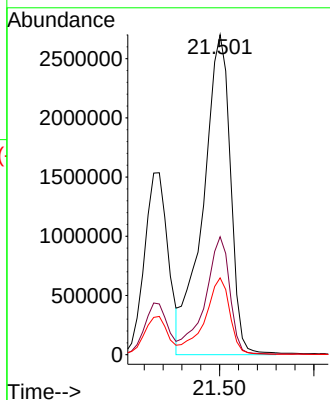
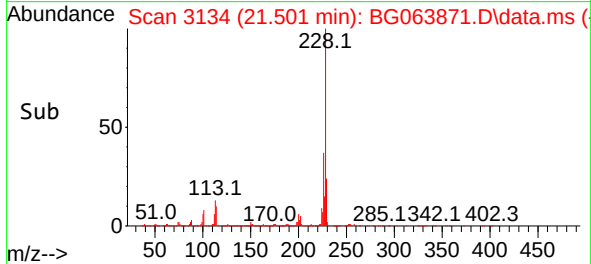
Instrument :
BNA_G
ClientSampleId :
E2903



Tgt Ion:228 Resp: 545595
Ion Ratio Lower Upper
228 100
226 36.9 23.4 35.0
229 24.0 14.8 22.2

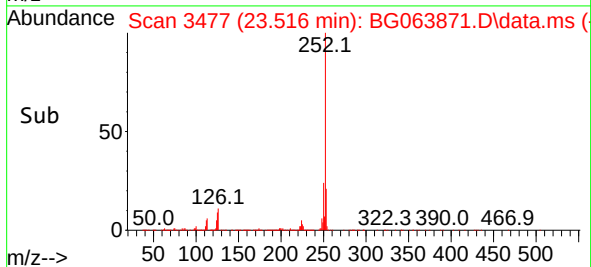
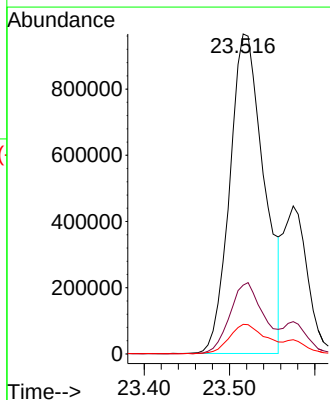
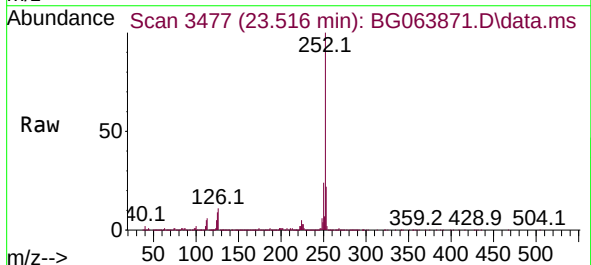
Manual Integrations
APPROVED

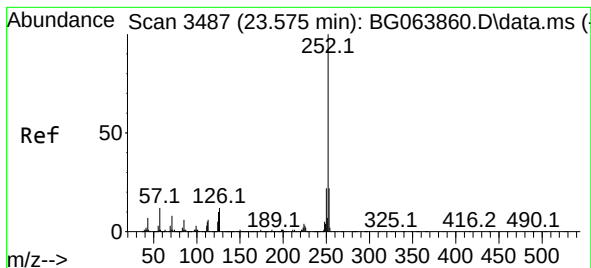
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#90
Benzo(b)fluoranthene
Concen: 59.239 ng/ul
RT: 23.516 min Scan# 3477
Delta R.T. 0.017 min
Lab File: BG063871.D
Acq: 27 Dec 2024 16:48

Tgt Ion:252 Resp: 2703256
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.3 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 19.516 ng/ul m

RT: 23.575 min Scan# 3487

Delta R.T. 0.017 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

Instrument :

BNA_G

ClientSampleId :

E2903

Tgt Ion:252 Resp: 88836

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

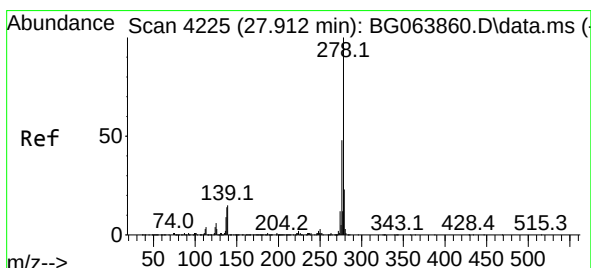
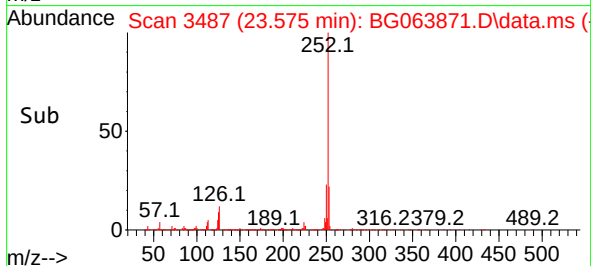
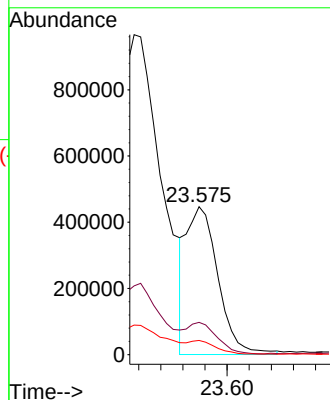
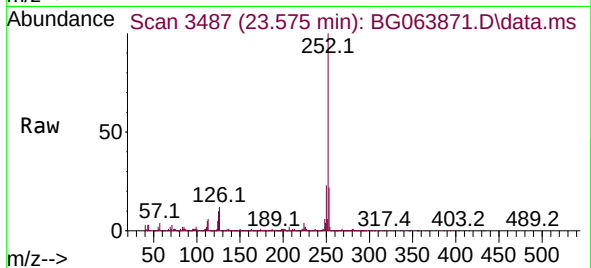
125 9.6 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#95

Dibenzo(a,h)anthracene

Concen: 3.660 ng/ul m

RT: 27.911 min Scan# 4225

Delta R.T. 0.023 min

Lab File: BG063871.D

Acq: 27 Dec 2024 16:48

Tgt Ion:278 Resp: 153191

Ion Ratio Lower Upper

278 100

139 13.0 9.7 14.5

279 21.9 17.3 25.9

