

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
 Data File : BG060358.D
 Acq On : 18 Jan 2024 18:52
 Operator : MA/JU
 Sample : P1161-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-011724

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 19 00:25:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	257009	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	1017968	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	727821	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1727702	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1507079	20.000	ng	0.00
86) Perylene-d12	24.742	264	1712656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1263025	80.830	ng	0.00
7) Phenol-d6	7.092	99	1839987	79.522	ng	0.00
23) Nitrobenzene-d5	9.089	82	986020	45.738	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	669536	62.525	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	2366790	45.211	ng	0.00
79) Terphenyl-d14	19.930	244	3242753	45.162	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.366	202	272140	2.713	ng	92
78) Pyrene	19.730	202	356727	3.707	ng	# 86
83) Chrysene	21.622	228	188285m	2.052	ng	
88) Benzo(b)fluoranthene	23.731	252	258880	2.559	ng	# 92
90) Benzo(a)pyrene	24.589	252	202110	2.211	ng	# 89

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

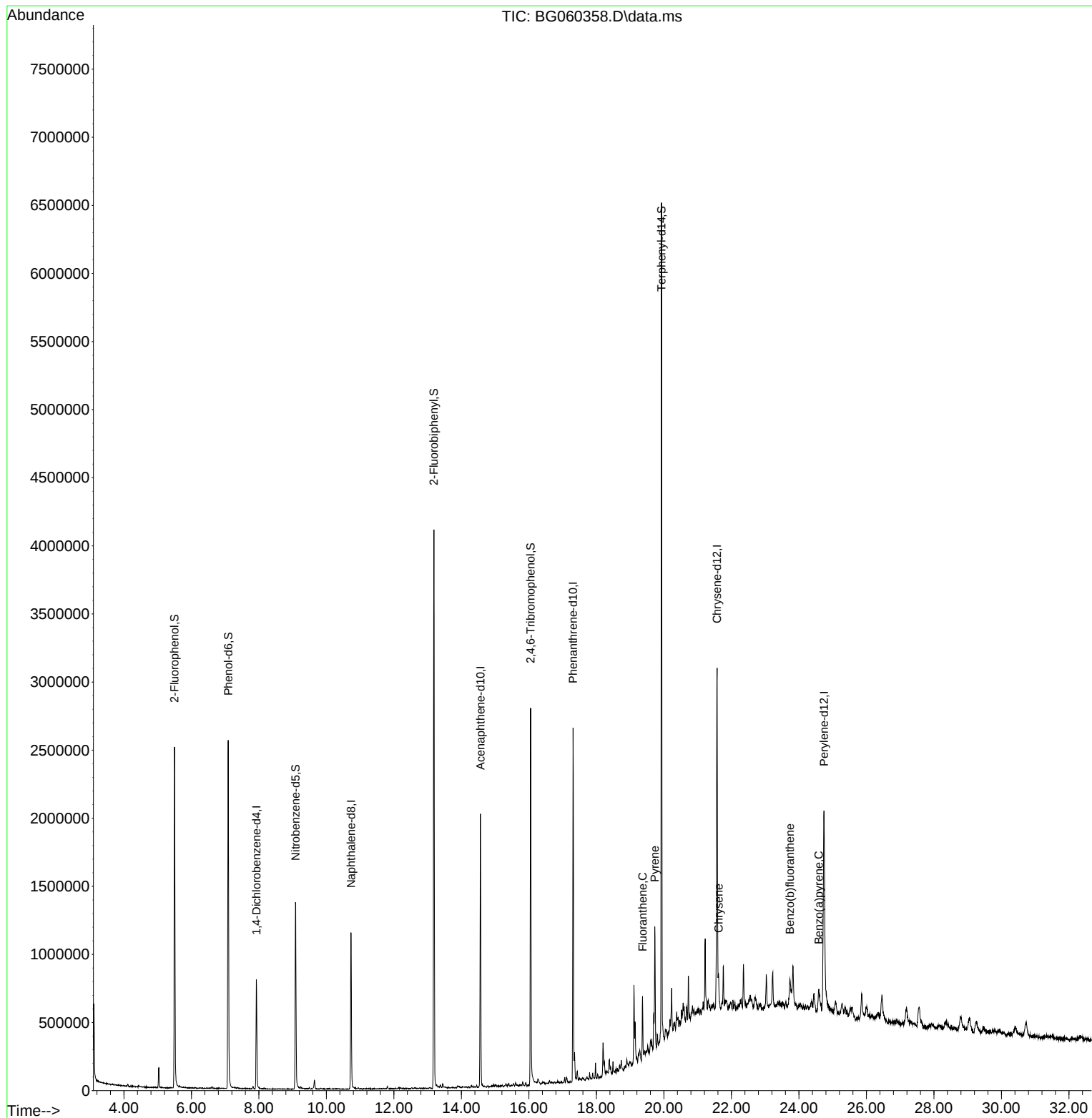
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011824\
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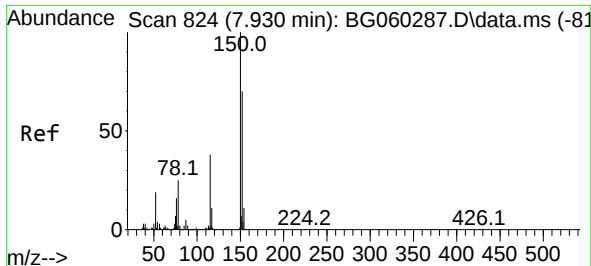
Instrument :
BNA_G
ClientSampleId :
SU-02-011724

Quant Time: Jan 19 00:25:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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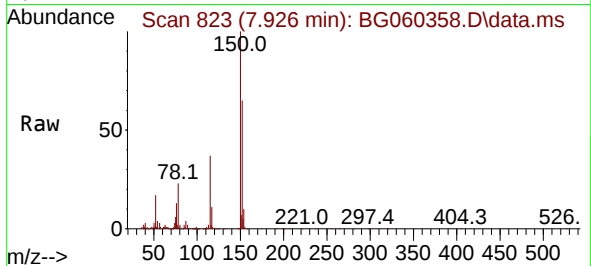
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

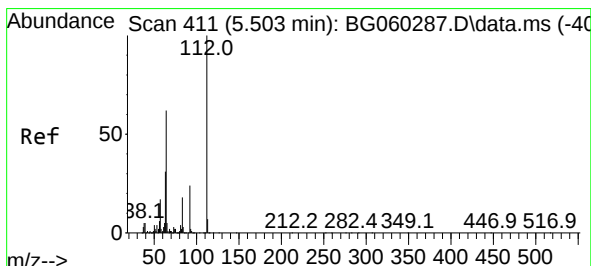
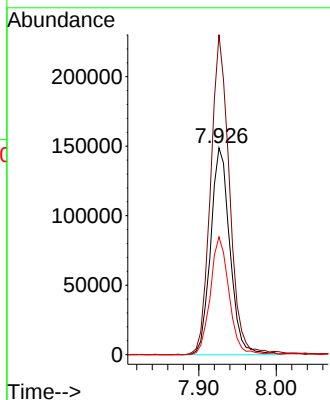
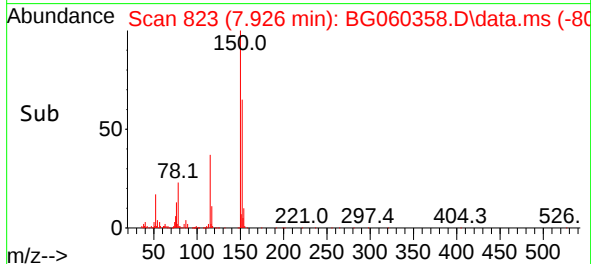
Instrument :
BNA_G
ClientSampleId :
SU-02-011724



Tgt Ion:152 Resp: 257009
Ion Ratio Lower Upper
152 100
150 154.6 114.5 171.7
115 56.9 43.0 64.6

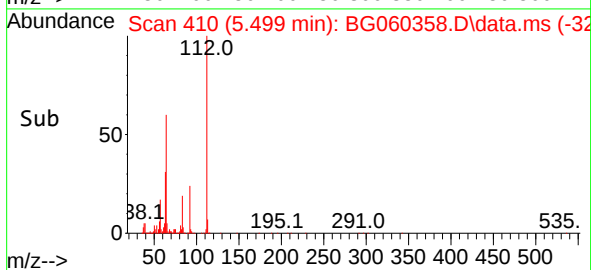
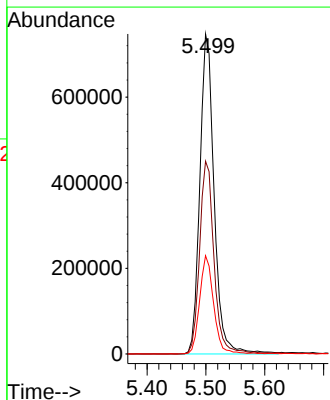
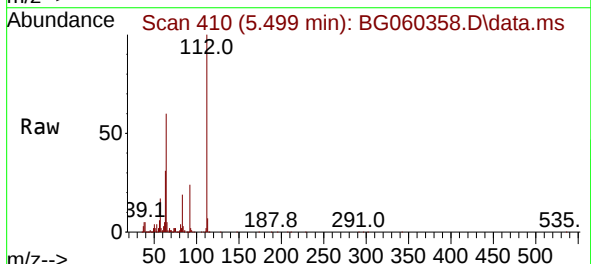
Manual Integrations
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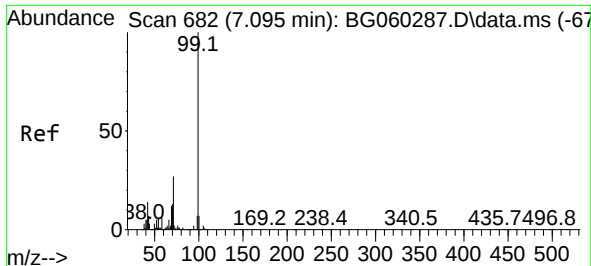
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#5
2-Fluorophenol
Concen: 80.830 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

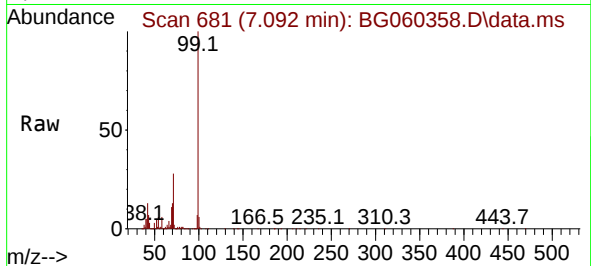
Tgt Ion:112 Resp: 1263025
Ion Ratio Lower Upper
112 100
64 60.3 49.8 74.6
63 30.7 24.4 36.6





#7
Phenol-d6
Concen: 79.522 ng
RT: 7.092 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

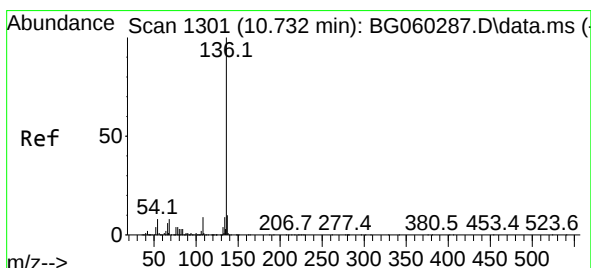
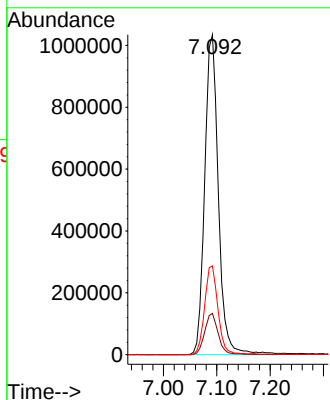
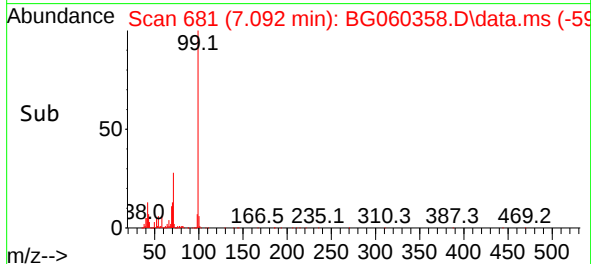
Instrument :
BNA_G
ClientSampleId :
SU-02-011724



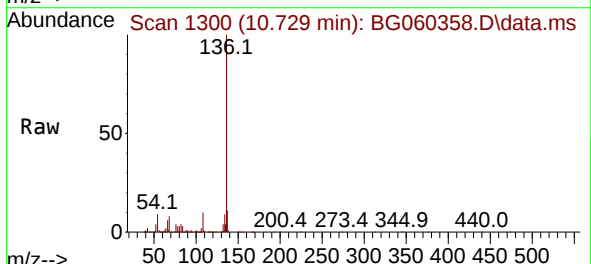
Tgt Ion: 99 Resp: 183998
Ion Ratio Lower Upper
99 100
42 12.9 10.9 16.3
71 27.8 21.5 32.3

Manual Integrations
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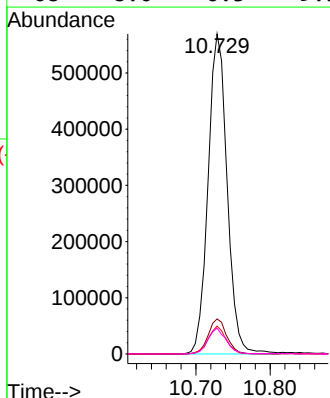
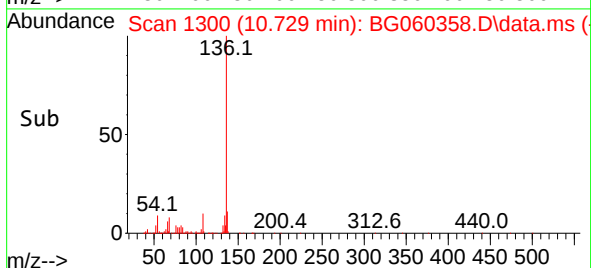
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

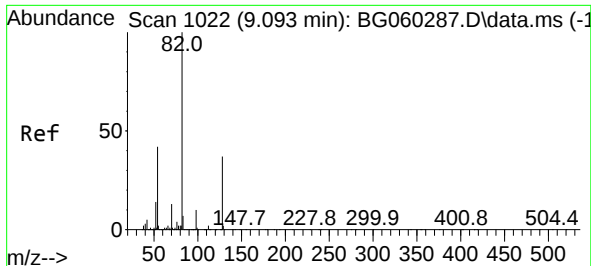


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52



Tgt Ion:136 Resp: 1017968
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.7 6.2 9.2
68 8.0 6.3 9.5





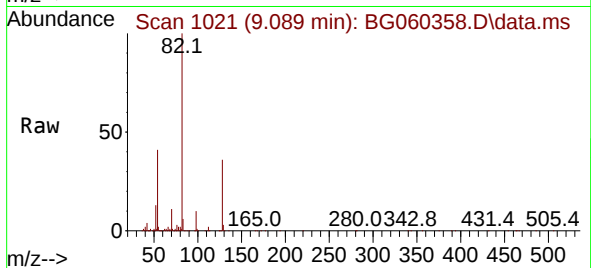
#23
Nitrobenzene-d5
Concen: 45.738 ng
RT: 9.089 min Scan# 1021
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Instrument :

BNA_G

ClientSampleId :

SU-02-011724

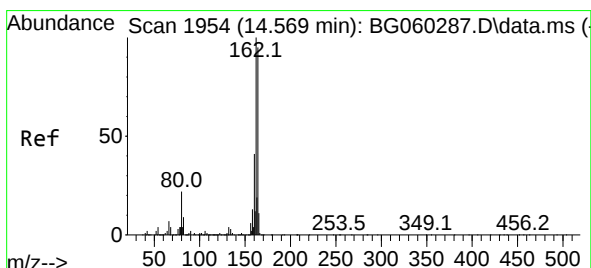
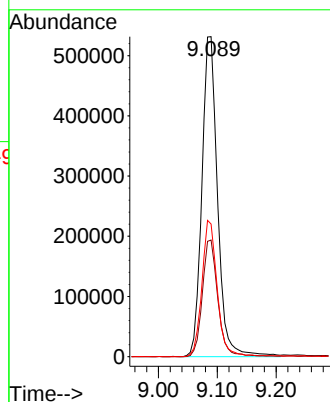
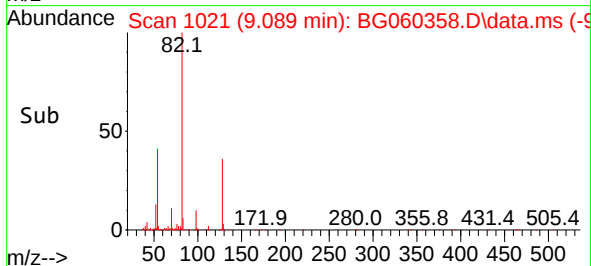


Tgt Ion: 82 Resp: 986020
Ion Ratio Lower Upper
82 100
128 36.5 29.6 44.4
54 41.5 33.6 50.4

Manual Integrations

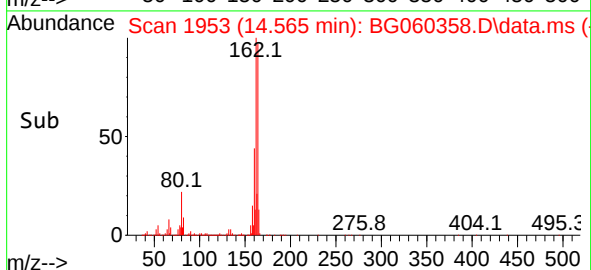
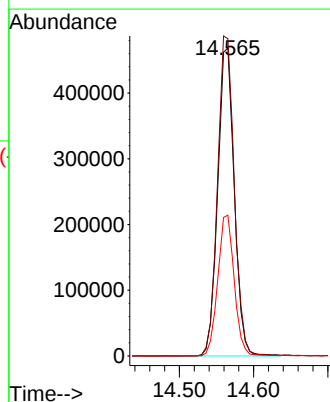
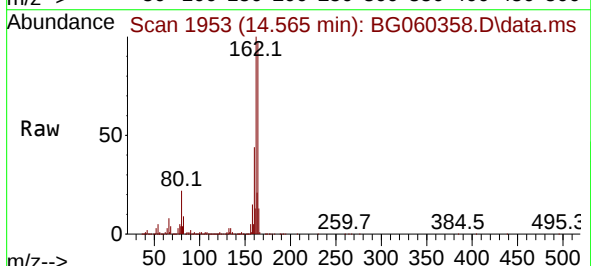
APPROVED

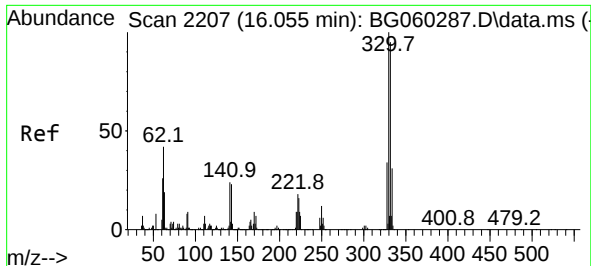
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.565 min Scan# 1953
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Tgt Ion:164 Resp: 727821
Ion Ratio Lower Upper
164 100
162 103.1 84.4 126.6
160 45.7 34.6 52.0





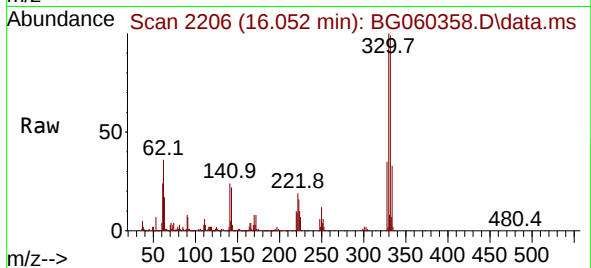
#42
2,4,6-Tribromophenol
Concen: 62.525 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Instrument :

BNA_G

ClientSampleId :

SU-02-011724

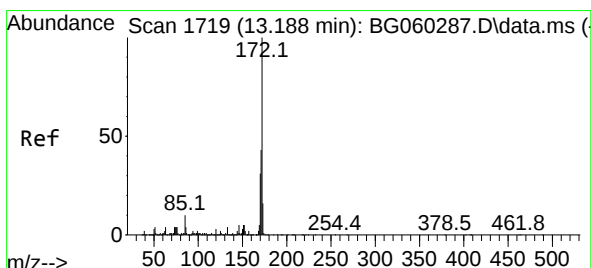
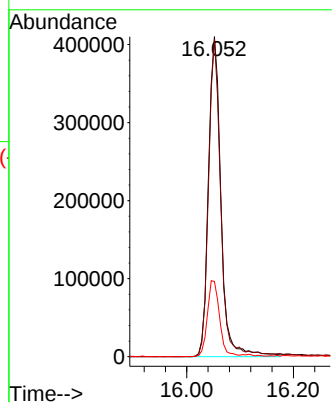
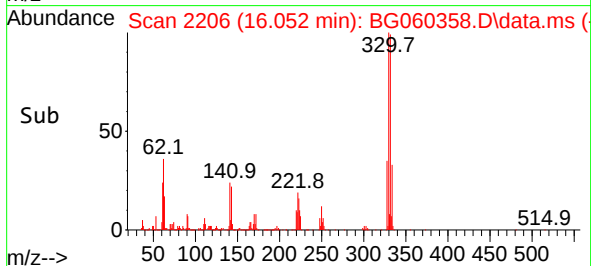


Tgt Ion:330 Resp: 669530
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 23.1 18.6 28.0

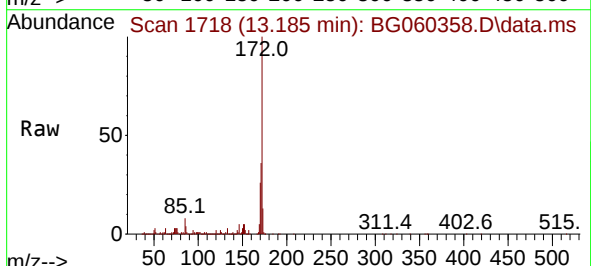
Manual Integrations

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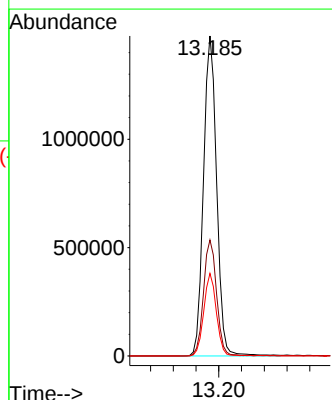
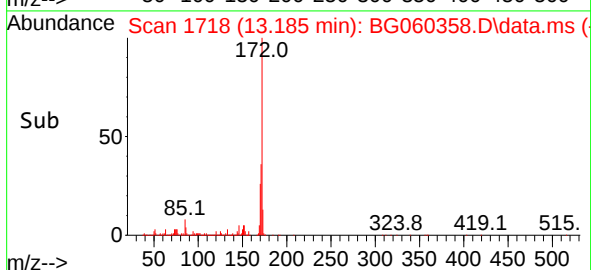
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Supervised By :mohammad ahmed 01/24/2024

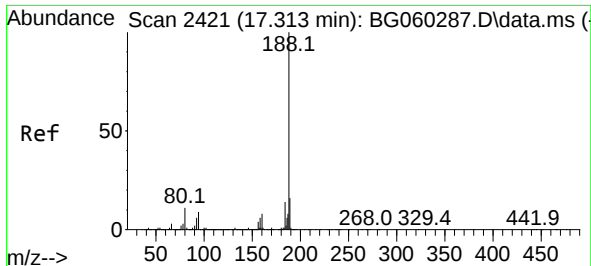


#45
2-Fluorobiphenyl
Concen: 45.211 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52



Tgt Ion:172 Resp: 2366790
Ion Ratio Lower Upper
172 100
171 36.3 34.6 51.8
170 25.8 24.4 36.6





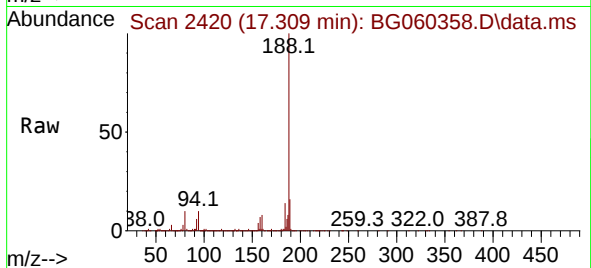
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2421
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Instrument :

BNA_G

ClientSampleId :

SU-02-011724

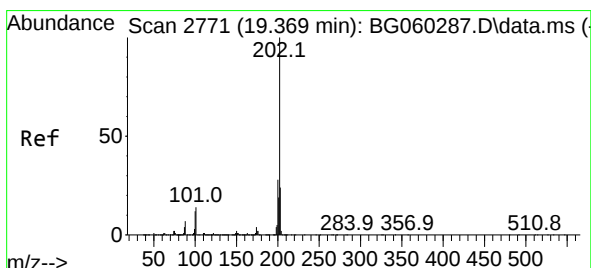
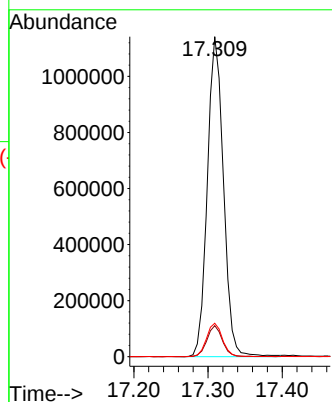
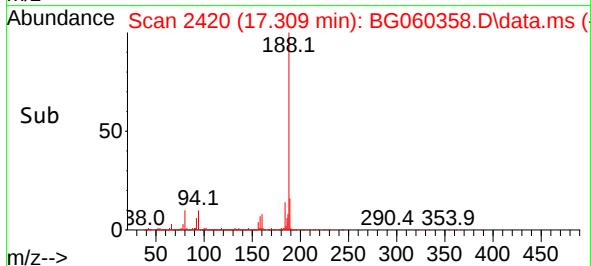


Tgt Ion:188 Resp: 172770
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 10.4 8.5 12.7

Manual Integrations

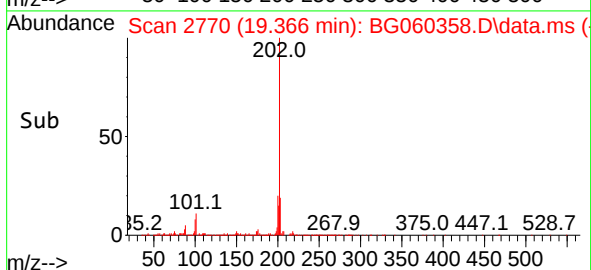
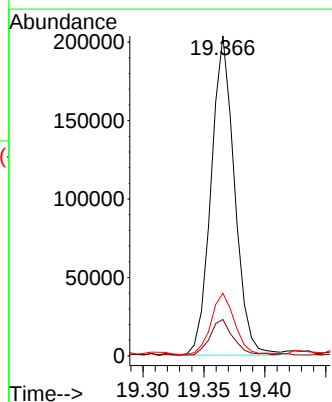
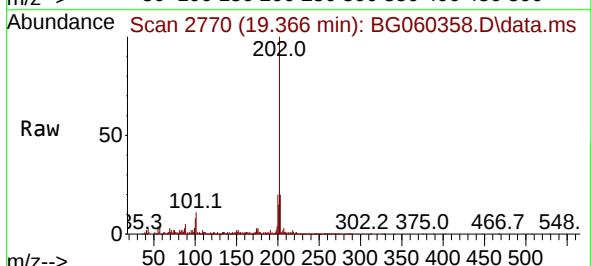
APPROVED

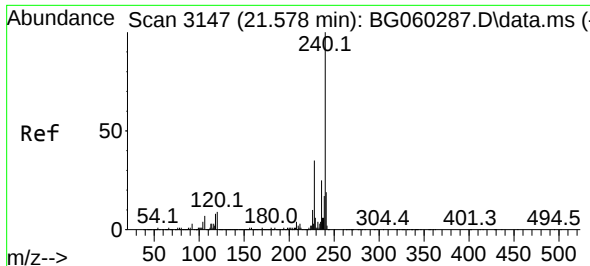
Reviewed By :Jagrut Upadhyay 01/23/2024
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#75
Fluoranthene
Concen: 2.713 ng
RT: 19.366 min Scan# 2770
Delta R.T. -0.004 min
Lab File: BG060358.D
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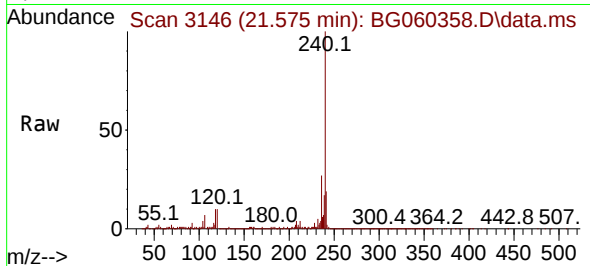
Tgt Ion:202 Resp: 272140
Ion Ratio Lower Upper
202 100
101 11.4 0.0 34.4
203 19.6 4.0 44.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

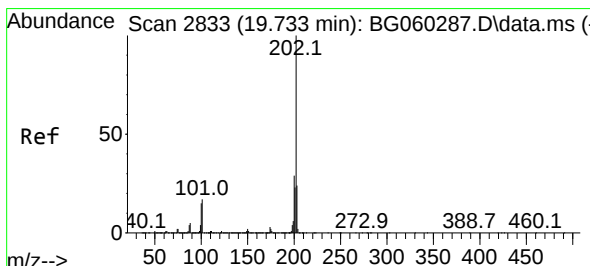
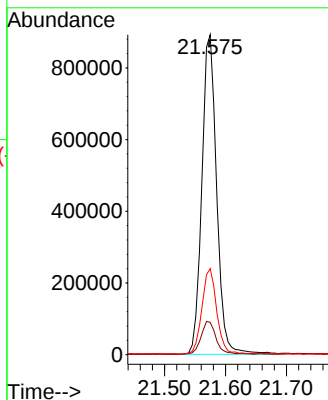
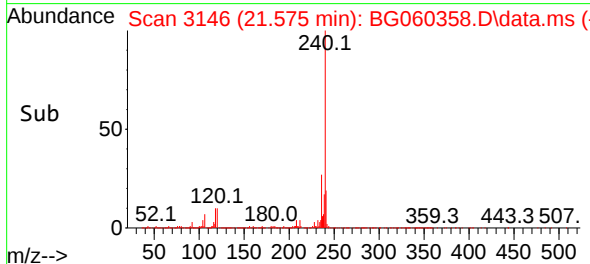
Instrument :
BNA_G
ClientSampleId :
SU-02-011724



Tgt Ion:240 Resp: 1507079
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 26.9 20.3 30.5

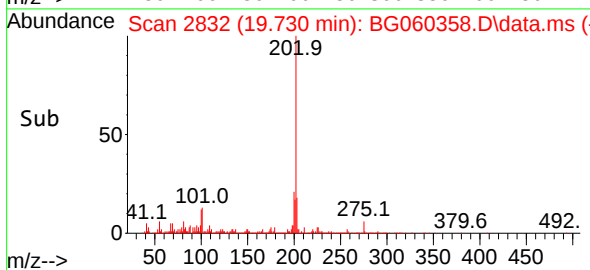
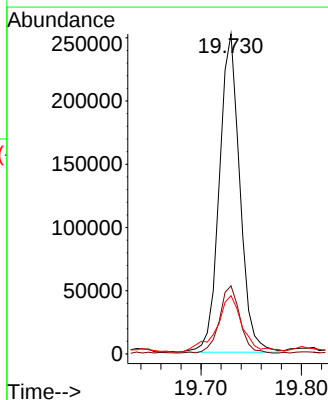
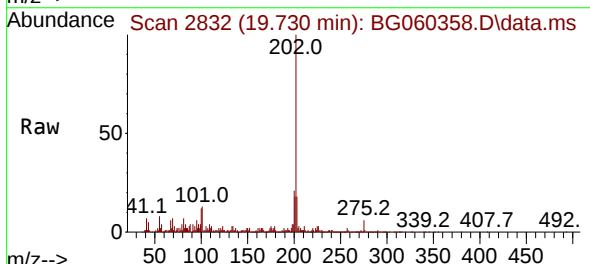
Manual Integrations
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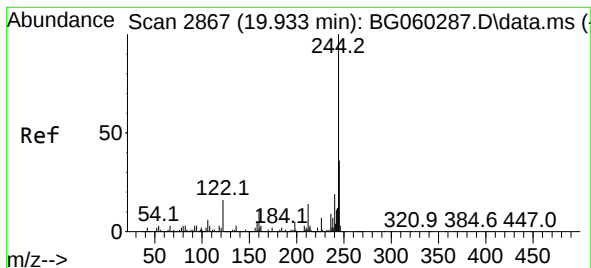
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024



#78
Pyrene
Concen: 3.707 ng
RT: 19.730 min Scan# 2832
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Tgt Ion:202 Resp: 356727
Ion Ratio Lower Upper
202 100
200 21.3 23.5 35.3#
203 18.2 19.6 29.4#





#79

Terphenyl-d14

Concen: 45.162 ng

RT: 19.930 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG060358.D

Acq: 18 Jan 2024 18:52

Instrument :

BNA_G

ClientSampleId :

SU-02-011724

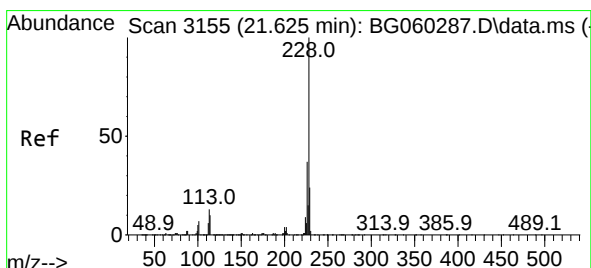
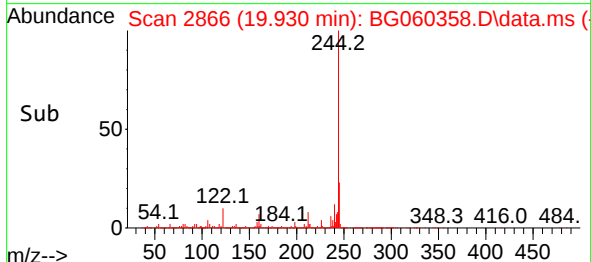
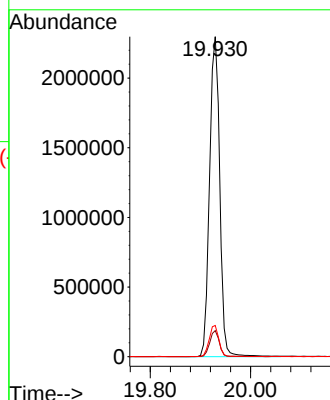
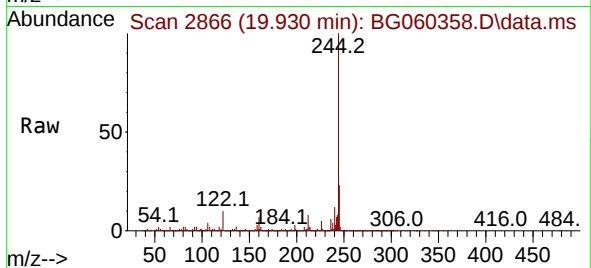
Tgt Ion:244 Resp: 324275

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.9	16.3
122	9.8	12.6	18.8

Manual Integrations

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#83

Chrysene

Concen: 2.052 ng m

RT: 21.622 min Scan# 3154

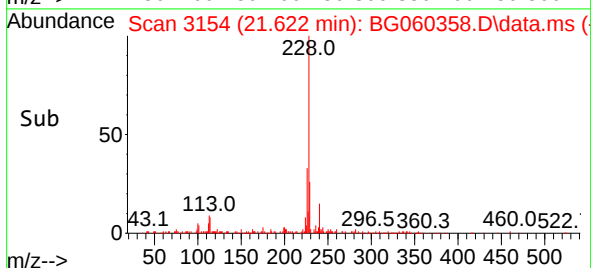
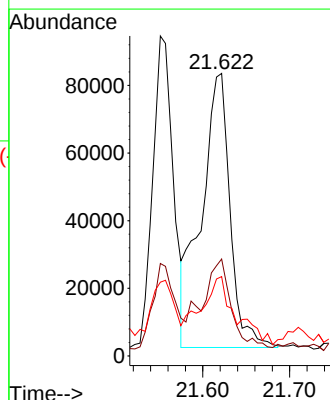
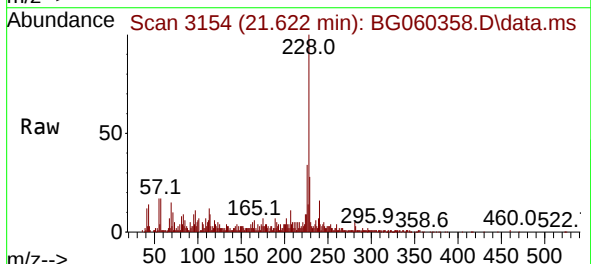
Delta R.T. -0.004 min

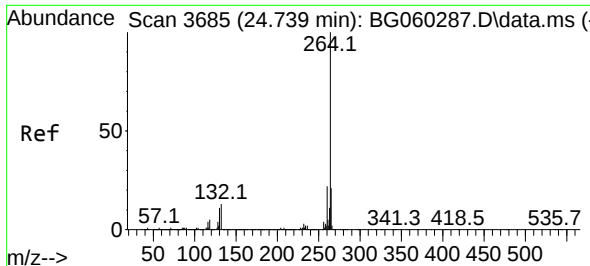
Lab File: BG060358.D

Acq: 18 Jan 2024 18:52

Tgt Ion:228 Resp: 188285

Ion	Ratio	Lower	Upper
228	100		
226	34.3	29.4	44.2
229	28.1	19.2	28.8





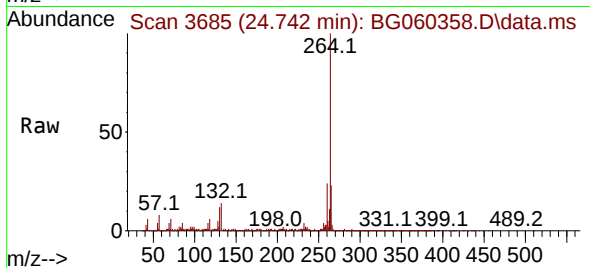
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.742 min Scan# 30
 Delta R.T. 0.002 min
 Lab File: BG060358.D
 Acq: 18 Jan 2024 18:52

Instrument :

BNA_G

ClientSampleId :

SU-02-011724

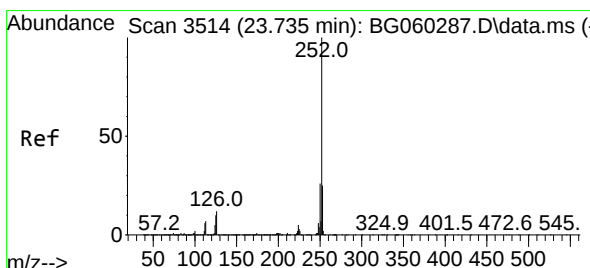
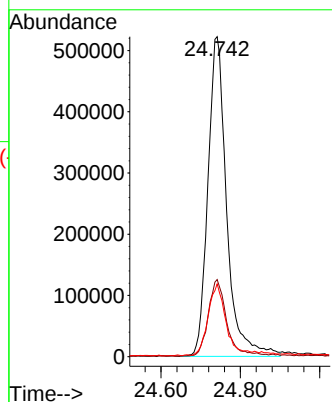
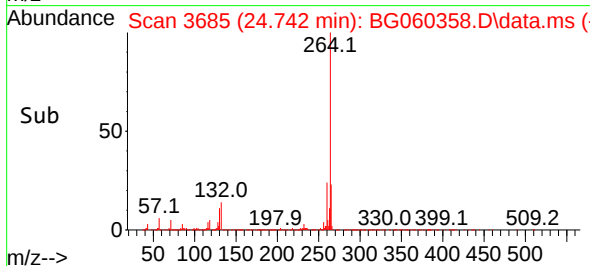


Tgt Ion:264 Resp: 1712650
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.8 26.6
 265 22.8 16.8 25.2

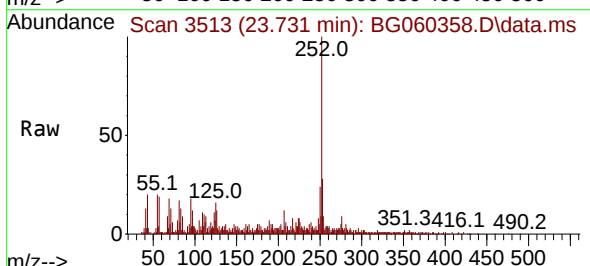
Manual Integrations

APPROVED

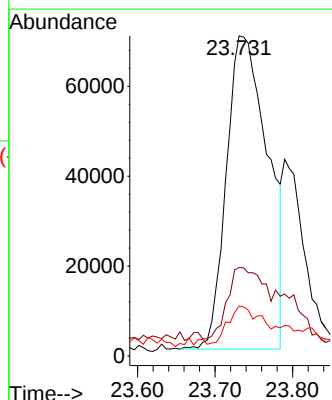
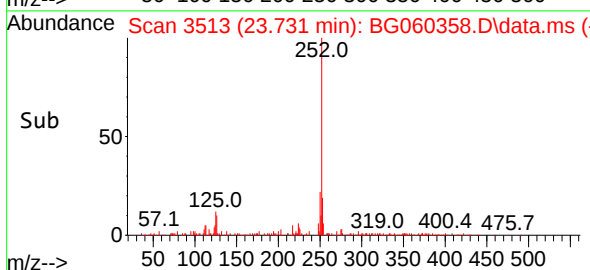
Reviewed By :Jagrut Upadhyay 01/23/2024
 Supervised By :mohammad ahmed 01/24/2024

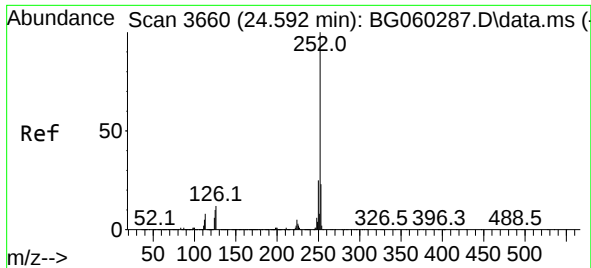


#88
 Benzo(b)fluoranthene
 Concen: 2.559 ng
 RT: 23.731 min Scan# 3513
 Delta R.T. -0.004 min
 Lab File: BG060358.D
 Acq: 18 Jan 2024 18:52



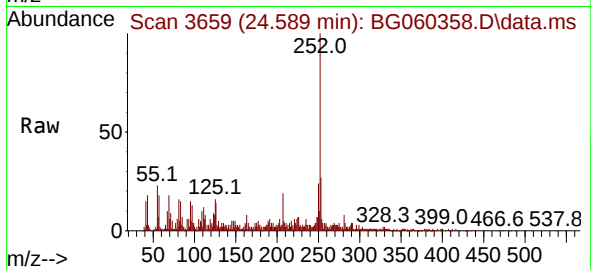
Tgt Ion:252 Resp: 258880
 Ion Ratio Lower Upper
 252 100
 253 27.6 20.0 30.0
 125 15.6 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 2.211 ng
RT: 24.589 min Scan# 30
Delta R.T. -0.004 min
Lab File: BG060358.D
Acq: 18 Jan 2024 18:52

Instrument :
BNA_G
ClientSampleId :
SU-02-011724



Tgt Ion:252 Resp: 202110
Ion Ratio Lower Upper
252 100
253 27.1 18.1 27.1
125 16.0 8.1 12.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

