

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060215.D
 Acq On : 3 Jan 2024 5:58
 Operator : MA/JU
 Sample : 05899-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-07-0-2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 07:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	214048	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	948245	20.000	ng	0.00
39) Acenaphthene-d10	14.572	164	773869	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1887195	20.000	ng	0.00
76) Chrysene-d12	21.587	240	1567652	20.000	ng	0.00
86) Perylene-d12	24.760	264	1745907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1441962	101.679	ng	0.00
7) Phenol-d6	7.099	99	2056543	97.669	ng	0.00
23) Nitrobenzene-d5	9.096	82	1201346	58.519	ng	0.00
42) 2,4,6-Tribromophenol	16.065	330	961420	92.810	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	3071091	57.036	ng	0.00
79) Terphenyl-d14	19.942	244	4323924	53.027	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.788	128	256647	5.127	ng	99
37) 2-Methylnaphthalene	12.398	142	175316	4.848	ng	97
38) 1-Methylnaphthalene	12.616	142	109418	2.993	ng	# 94
72) Anthracene	17.451	178	341628m	3.687	ng	

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

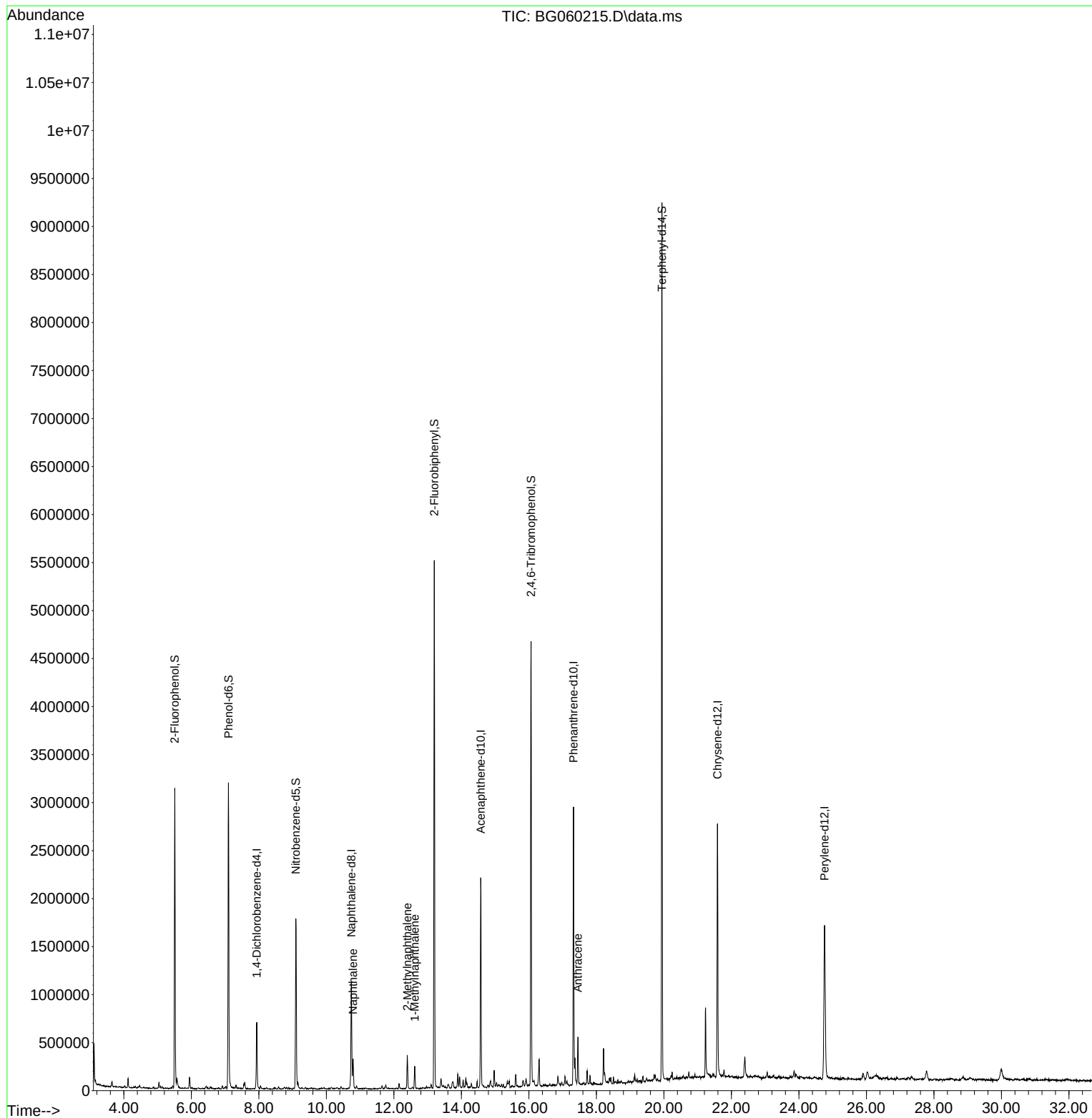
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060215.D
Acq On : 3 Jan 2024 5:58
Operator : MA/JU
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ALS Vial : 28 Sample Multiplier: 1

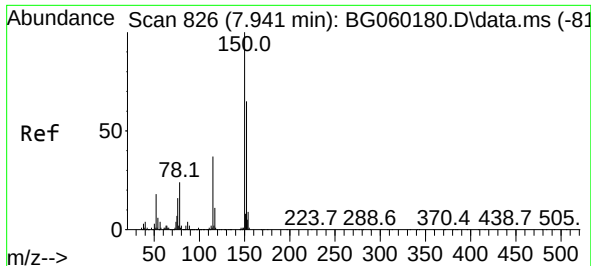
Instrument :
BNA_G
ClientSampleId :
GHL-SS-07-0-2

Quant Time: Jan 03 07:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

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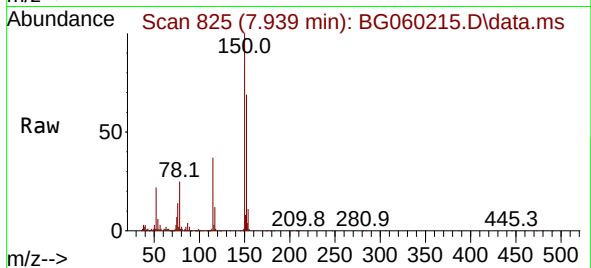
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

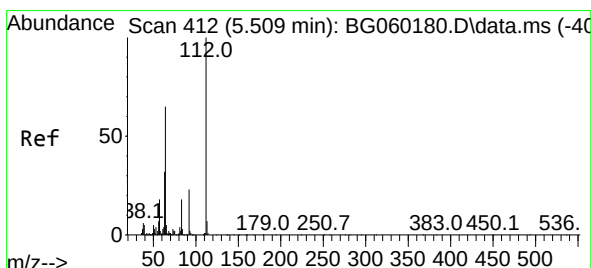
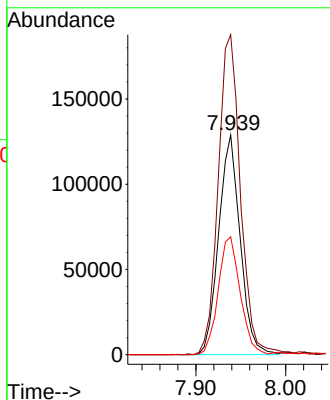
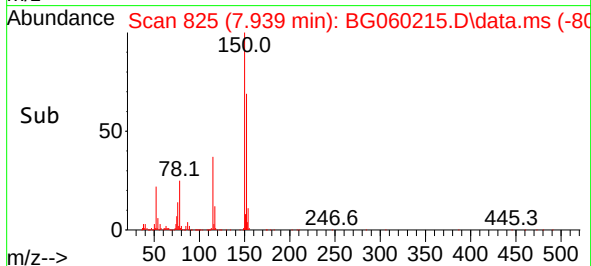
Instrument :
BNA_G
ClientSampleId :
GHL-SS-07-0-2



Tgt Ion:152 Resp: 214048
Ion Ratio Lower Upper
152 100
150 145.6 123.4 185.0
115 53.7 45.4 68.0

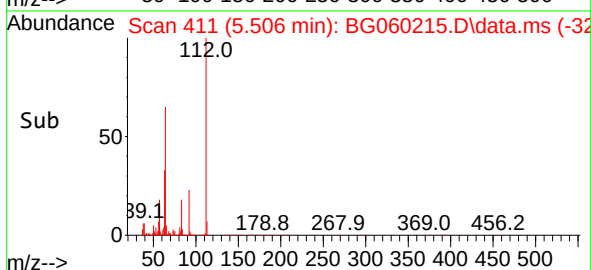
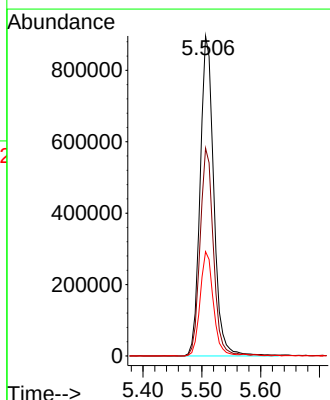
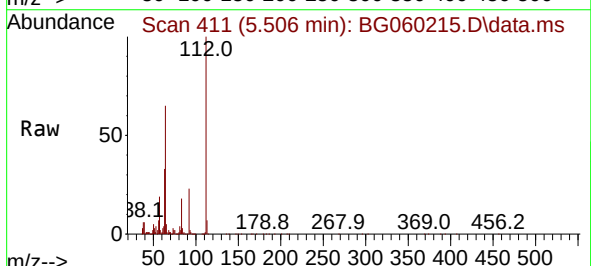
Manual Integrations
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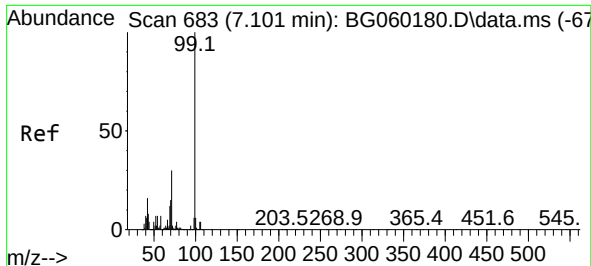
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#5
2-Fluorophenol
Concen: 101.679 ng
RT: 5.506 min Scan# 411
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

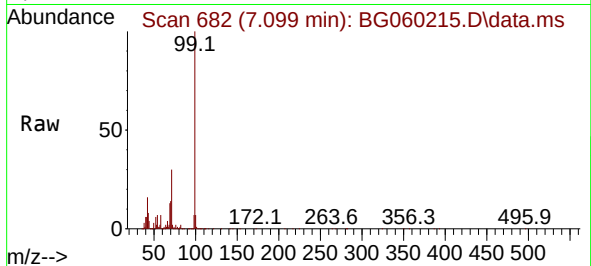
Tgt Ion:112 Resp: 1441962
Ion Ratio Lower Upper
112 100
64 65.0 52.2 78.4
63 32.6 25.4 38.0





#7
Phenol-d6
Concen: 97.669 ng
RT: 7.099 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

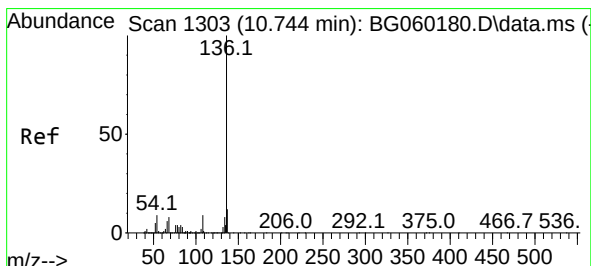
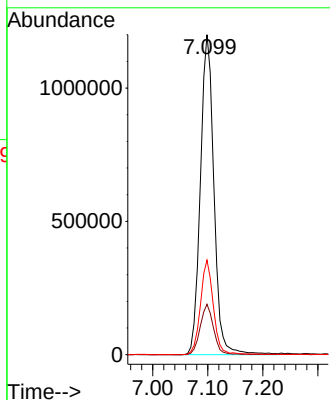
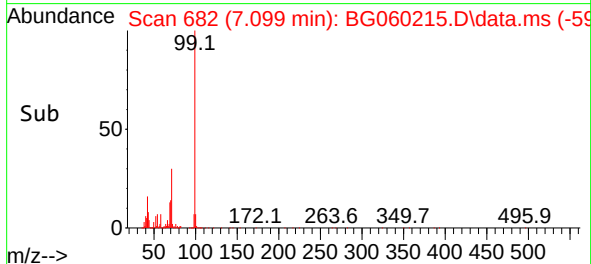
Instrument :
BNA_G
ClientSampleId :
GHL-SS-07-0-2



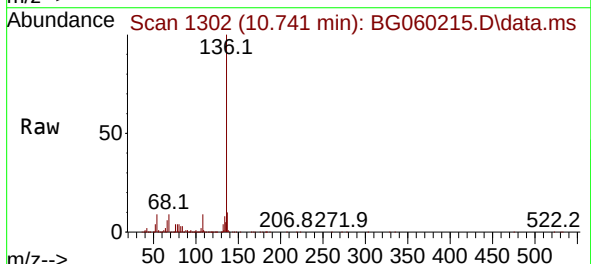
Tgt Ion: 99 Resp: 205654
Ion Ratio Lower Upper
99 100
42 15.8 12.5 18.7
71 29.6 24.1 36.1

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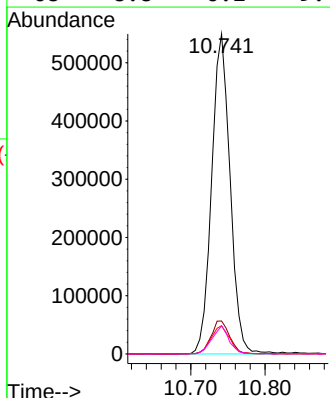
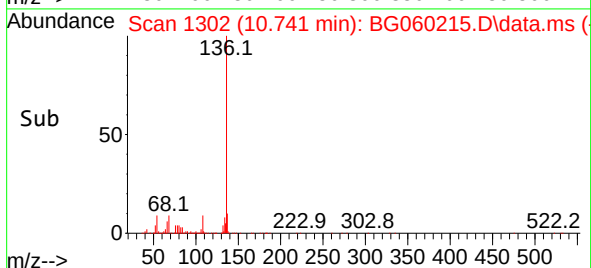
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

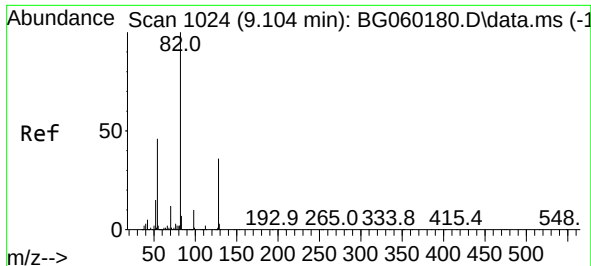


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.741 min Scan# 1302
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58



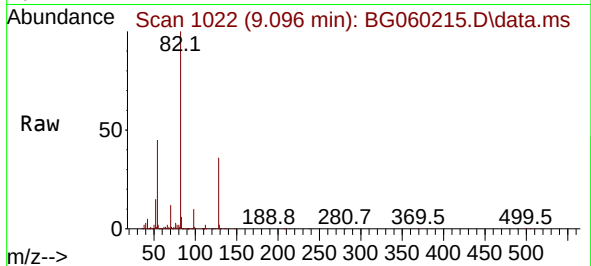
Tgt Ion:136 Resp: 948245
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.0
54 8.9 7.4 11.2
68 8.8 6.2 9.4





#23
Nitrobenzene-d5
Concen: 58.519 ng
RT: 9.096 min Scan# 1024
Delta R.T. -0.008 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

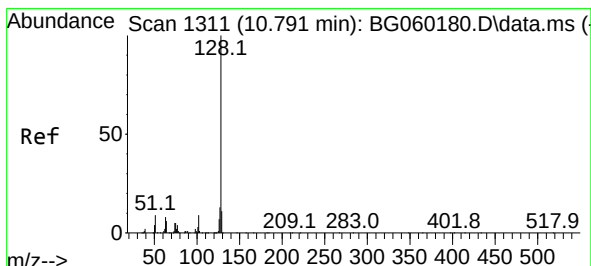
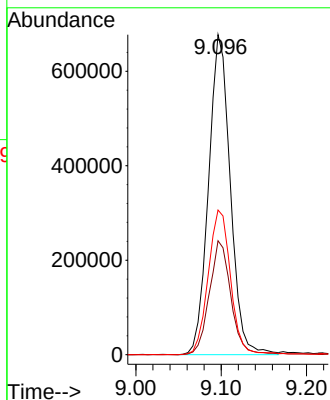
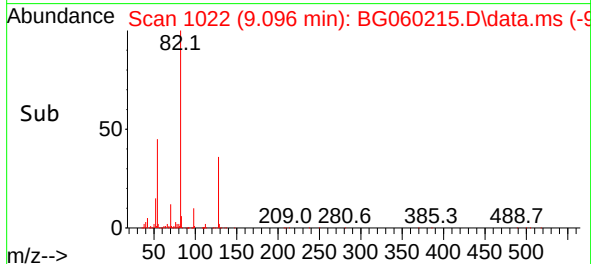
Instrument :
BNA_G
ClientSampleId :
GHL-SS-07-0-2



Tgt Ion: 82 Resp: 1201340
Ion Ratio Lower Upper
82 100
128 35.6 28.7 43.1
54 45.2 36.9 55.3

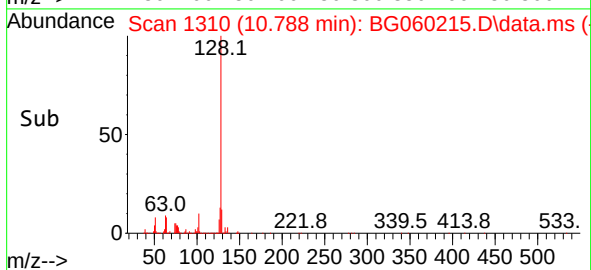
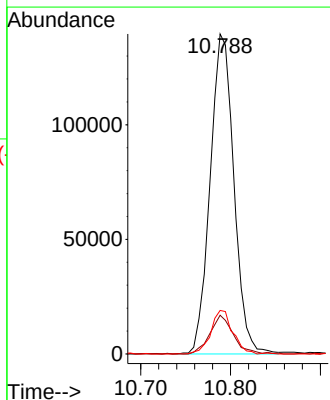
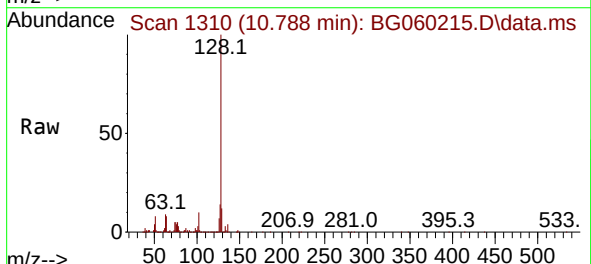
Manual Integrations
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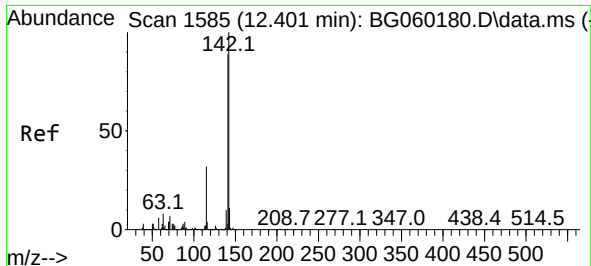
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#31
Naphthalene
Concen: 5.127 ng
RT: 10.788 min Scan# 1310
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:128 Resp: 256647
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.6 10.6 16.0





#37

2-Methylnaphthalene

Concen: 4.848 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG060215.D

Acq: 3 Jan 2024 5:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-07-0-2

Tgt Ion:142 Resp: 175310

Ion Ratio Lower Upper

142 100

141 91.4 71.1 106.7

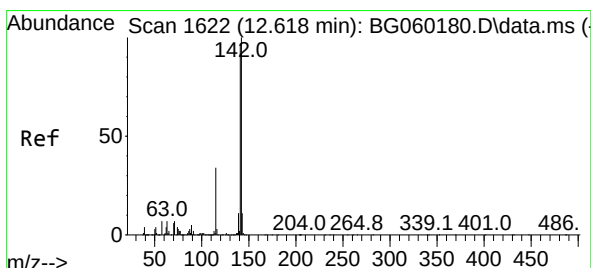
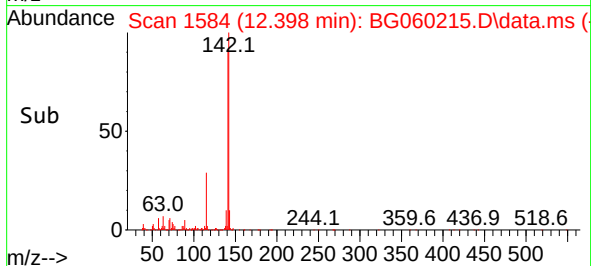
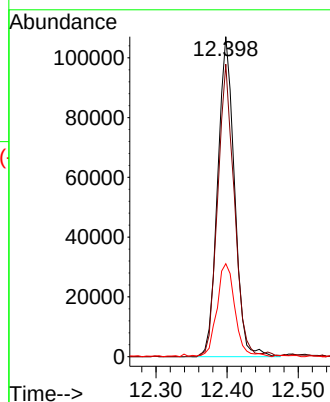
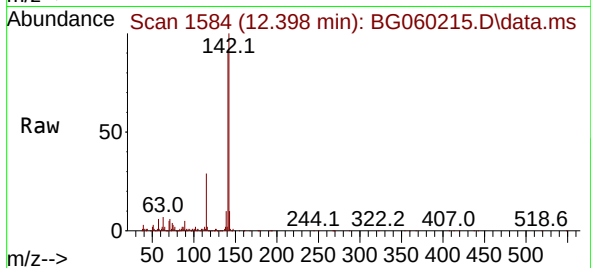
115 29.1 25.5 38.3

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#38

1-Methylnaphthalene

Concen: 2.993 ng

RT: 12.616 min Scan# 1621

Delta R.T. -0.002 min

Lab File: BG060215.D

Acq: 3 Jan 2024 5:58

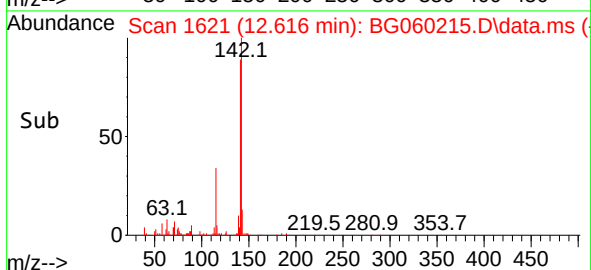
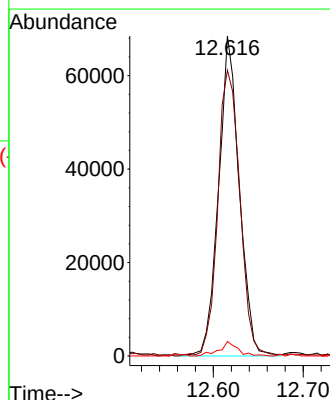
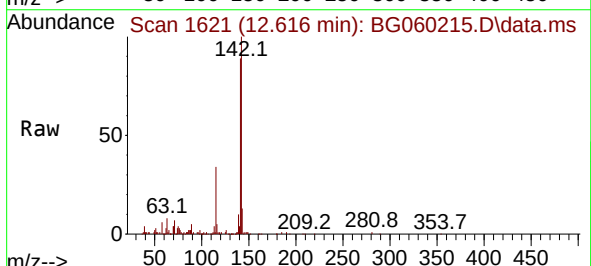
Tgt Ion:142 Resp: 109418

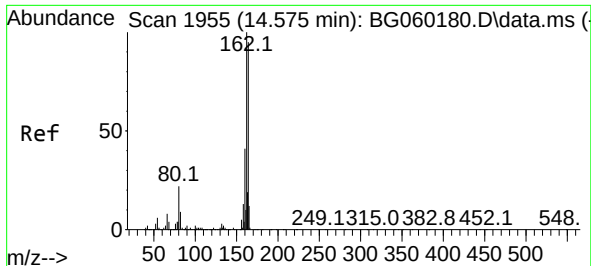
Ion Ratio Lower Upper

142 100

141 89.3 76.6 114.8

116 4.5 2.6 3.8#





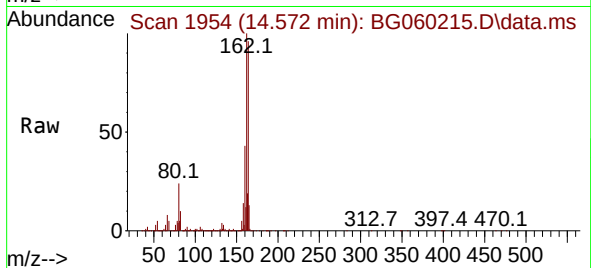
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.572 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-07-0-2



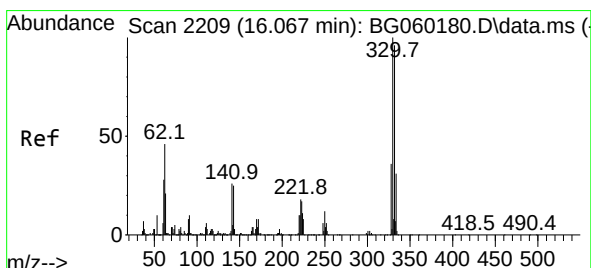
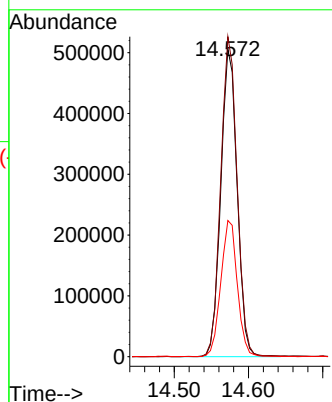
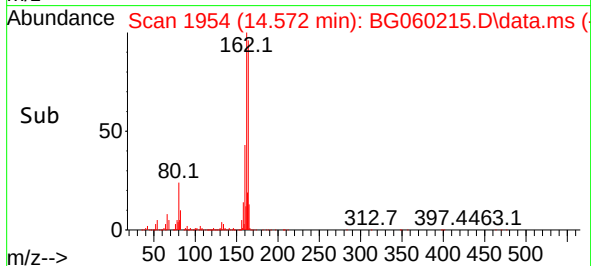
Tgt Ion:164 Resp: 773869
Ion Ratio Lower Upper
164 100
162 104.1 83.9 125.9
160 44.3 34.2 51.4

Manual Integrations

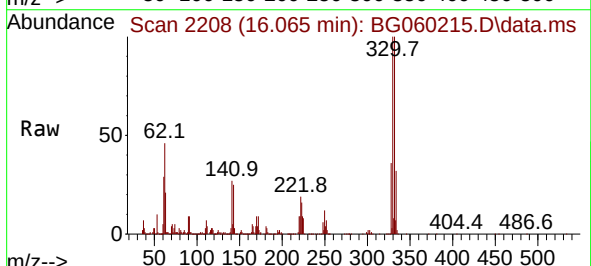
APPROVED

Reviewed By :Yogesh Patel 01/04/2024

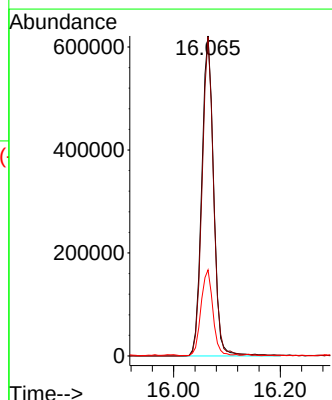
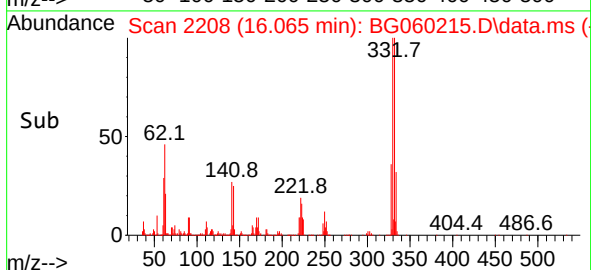
Supervised By :mohammad ahmed 01/04/2024

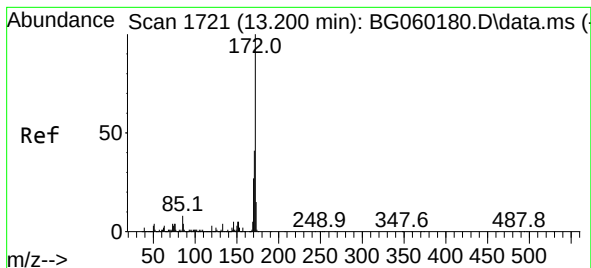


#42
2,4,6-Tribromophenol
Concen: 92.810 ng
RT: 16.065 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58



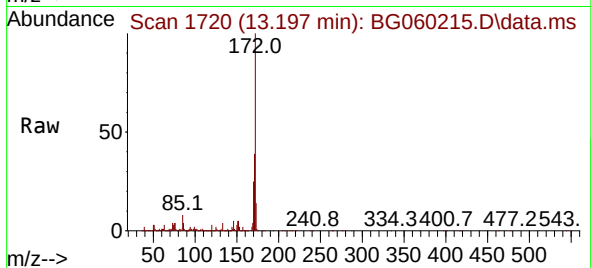
Tgt Ion:330 Resp: 961420
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.7 21.0 31.4





#45
2-Fluorobiphenyl
Concen: 57.036 ng
RT: 13.197 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

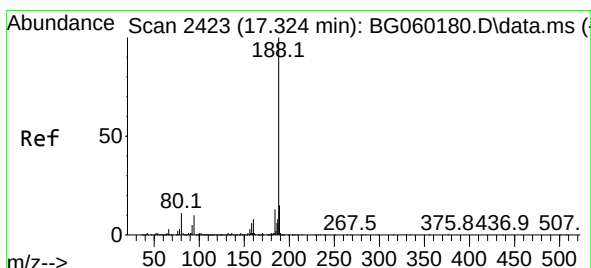
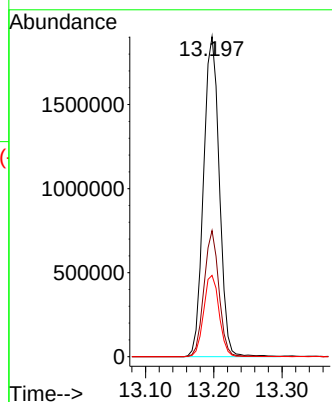
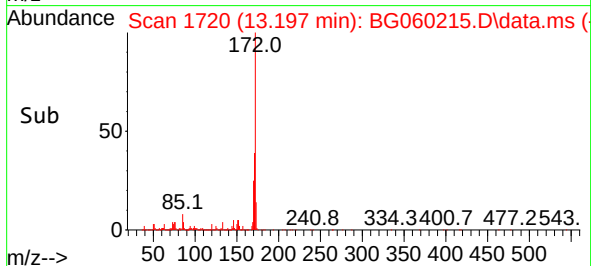
Instrument :
BNA_G
ClientSampleId :
GHL-SS-07-0-2



Tgt Ion:172 Resp: 307109
Ion Ratio Lower Upper
172 100
171 39.4 32.6 48.8
170 25.4 21.8 32.6

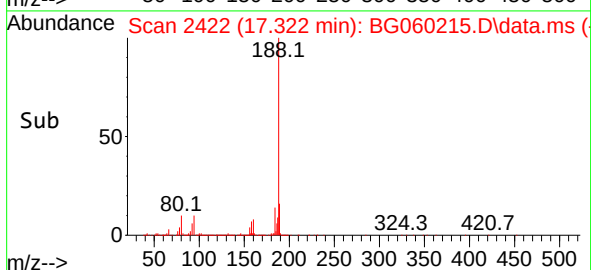
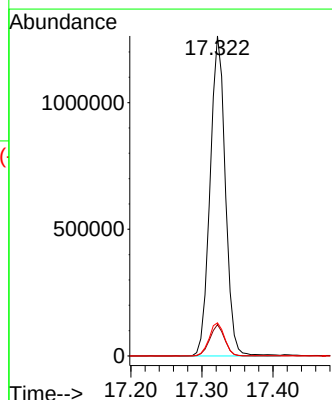
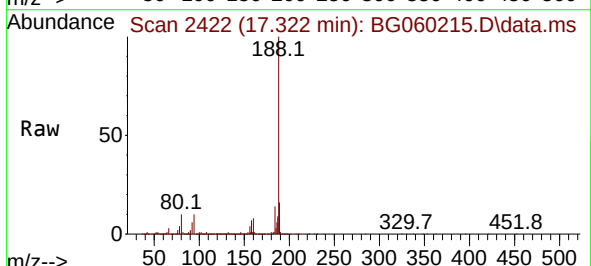
Manual Integrations
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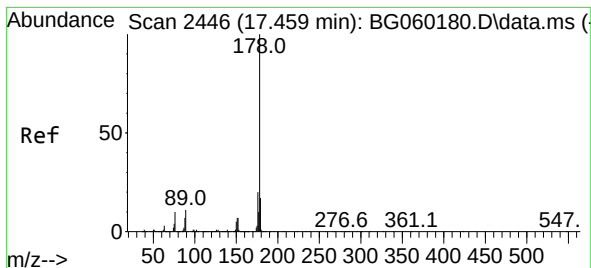
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2422
Delta R.T. -0.002 min
Lab File: BG060215.D
Acq: 3 Jan 2024 5:58

Tgt Ion:188 Resp: 1887195
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.4 8.6 13.0





#72

Anthracene

Concen: 3.687 ng m

RT: 17.451 min Scan# 2446

Delta R.T. -0.008 min

Lab File: BG060215.D

Acq: 3 Jan 2024 5:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-07-0-2

Tgt Ion:178 Resp: 341628

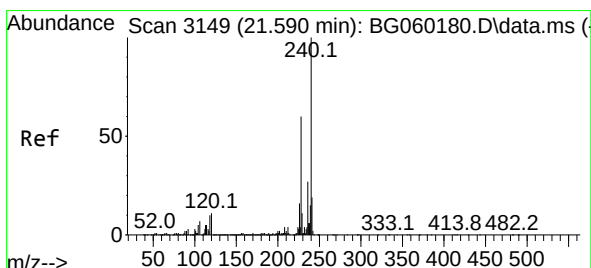
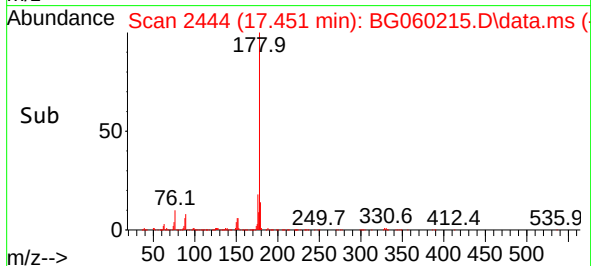
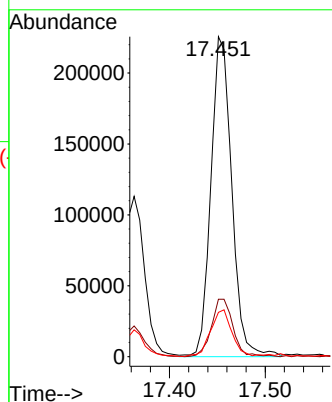
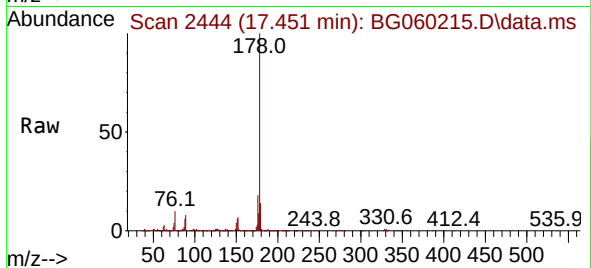
Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.2
179	13.9	14.0	21.0

Manual Integrations

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Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.587 min Scan# 3148

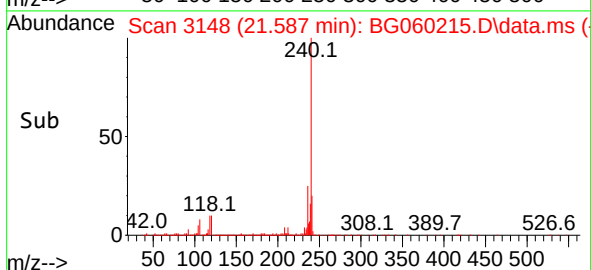
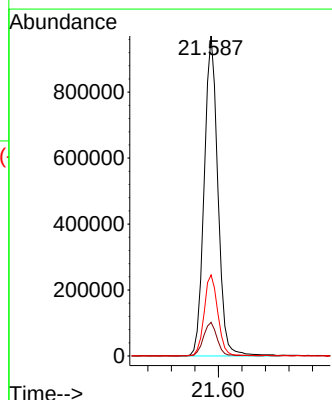
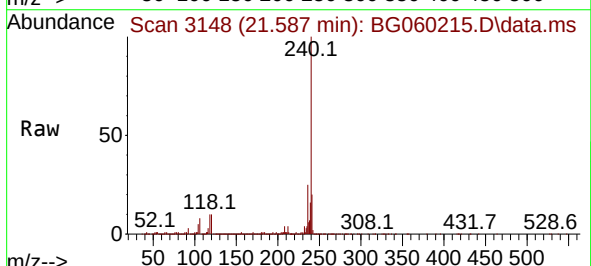
Delta R.T. -0.002 min

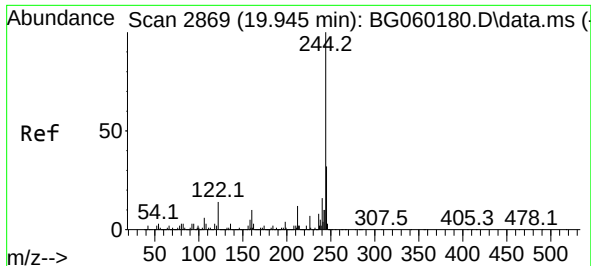
Lab File: BG060215.D

Acq: 3 Jan 2024 5:58

Tgt Ion:240 Resp: 1567652

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	25.3	21.4	32.2





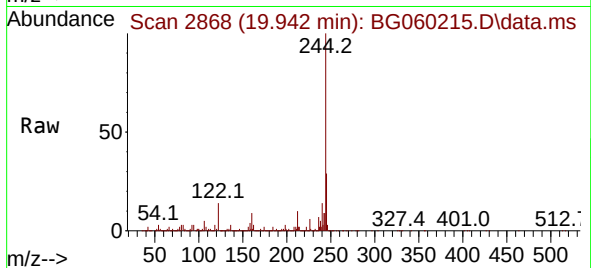
#79
 Terphenyl-d14
 Concen: 53.027 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060215.D
 Acq: 3 Jan 2024 5:58

Instrument :

BNA_G

ClientSampleId :

GHL-SS-07-0-2



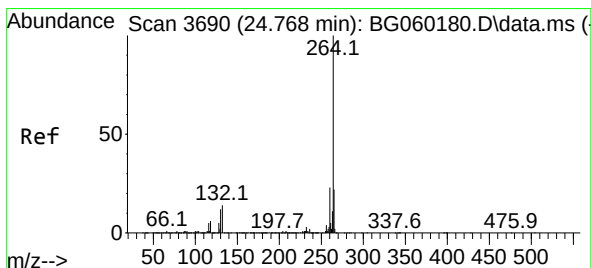
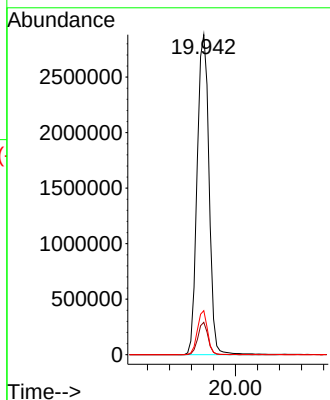
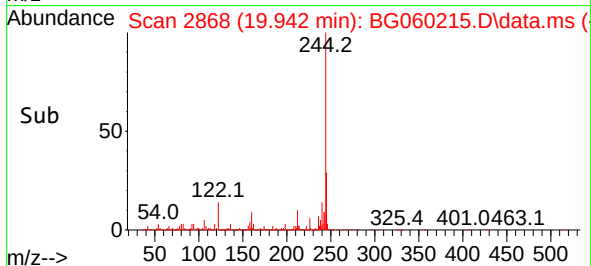
Tgt Ion:244 Resp: 4323924
 Ion Ratio Lower Upper
 244 100
 212 10.1 9.5 14.3
 122 13.8 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.760 min Scan# 3688
 Delta R.T. -0.008 min
 Lab File: BG060215.D
 Acq: 3 Jan 2024 5:58

Tgt Ion:264 Resp: 1745907
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.0 27.0
 265 20.9 17.4 26.0

