

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060236.D
 Acq On : 3 Jan 2024 21:01
 Operator : MA/JU
 Sample : 06039-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC48-BOTTOM

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 00:42:20 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	7.935	152	210569	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	872016	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	644851	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	1511647	20.000	ng	0.00
76) Chrysene-d12	21.584	240	1409425	20.000	ng	0.00
86) Perylene-d12	24.762	264	1610432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1242674	89.074	ng	0.00
7) Phenol-d6	7.101	99	1898872	91.670	ng	0.00
23) Nitrobenzene-d5	9.099	82	1125507	59.617	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	794001	91.983	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	2814129	62.720	ng	0.00
79) Terphenyl-d14	19.945	244	4094550	55.851	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.071	77	898708	72.163	ng	97
22) Acetophenone	8.752	105	409626	15.855	ng	# 98
32) Benzoic acid	10.009	122	194304m	28.170	ng	
50) Dimethylphthalate	14.040	163	8571902	172.170	ng	# 62

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

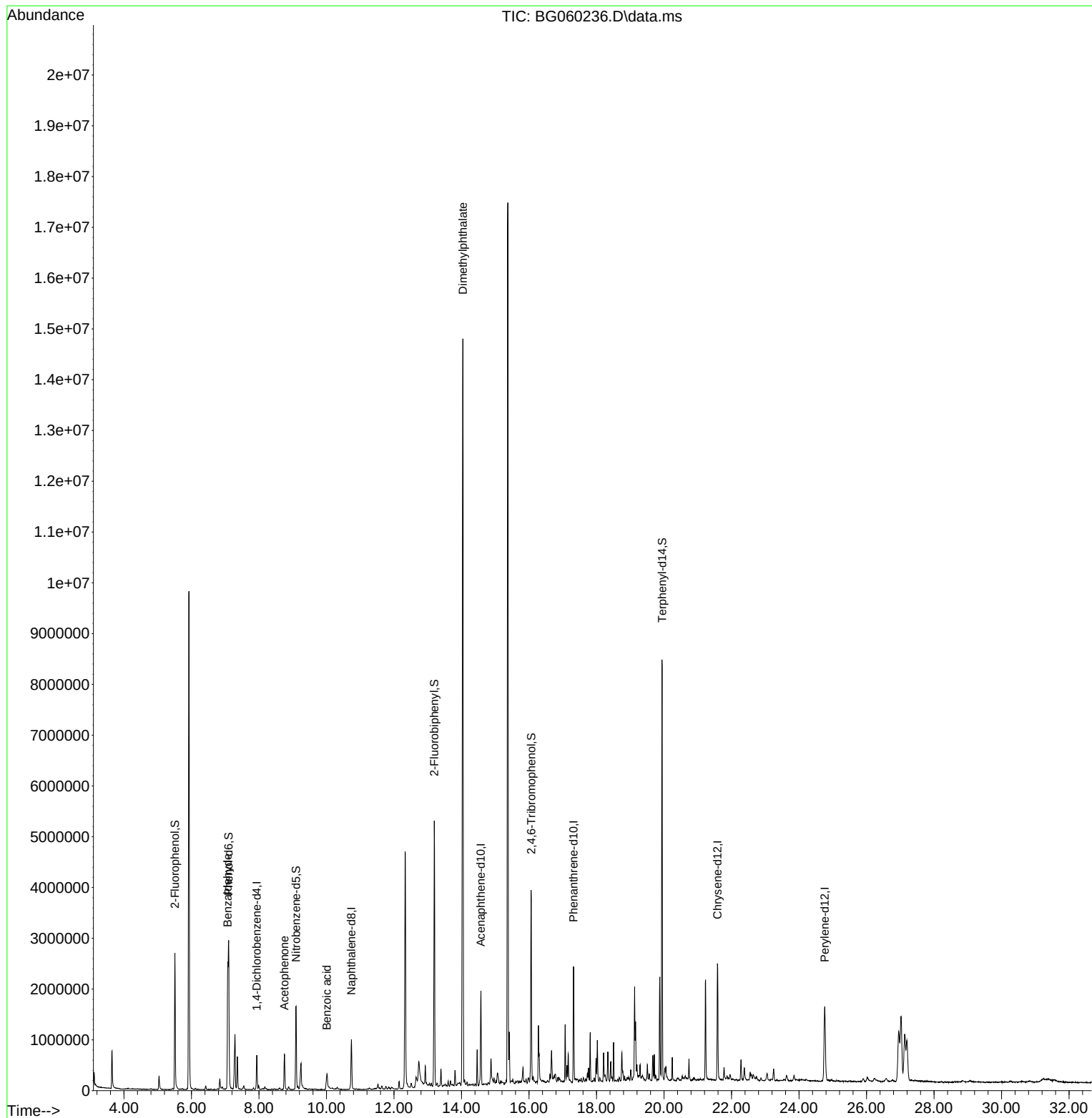
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
Data File : BG060236.D
Acq On : 3 Jan 2024 21:01
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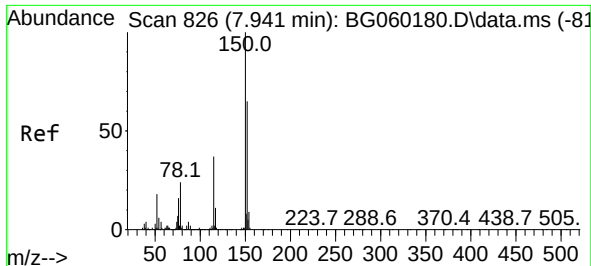
Instrument :
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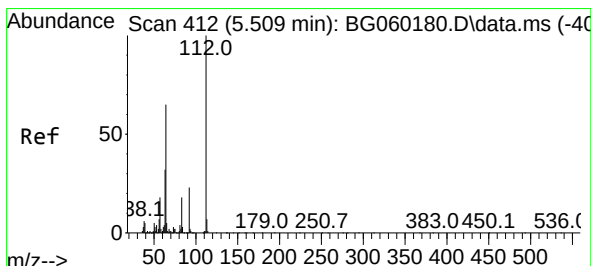
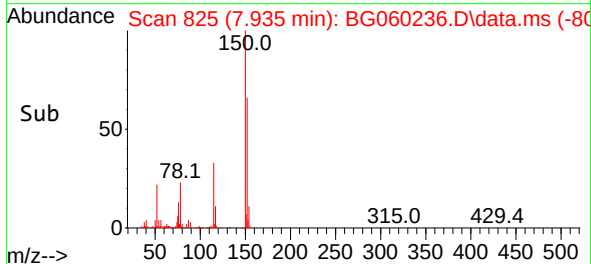
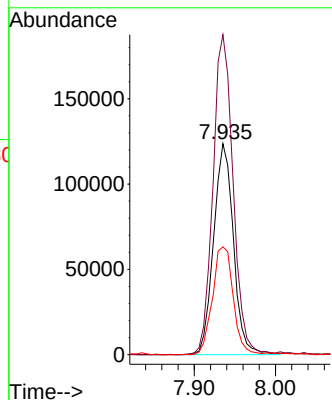
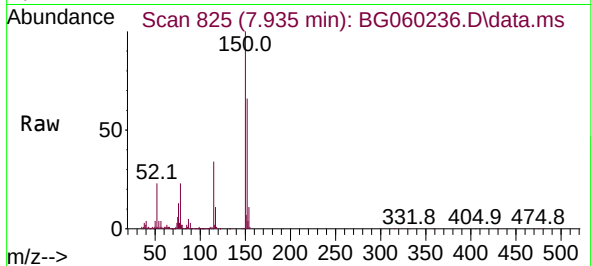
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Instrument :
BNA_G
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EC48-BOTTOM

Tgt Ion:152 Resp: 210569
Ion Ratio Lower Upper
152 100
150 151.6 123.4 185.0
115 51.1 45.4 68.0

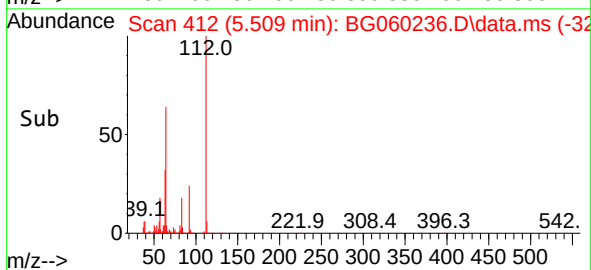
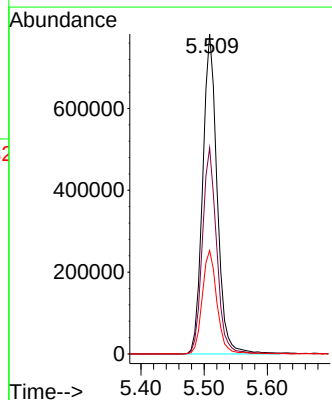
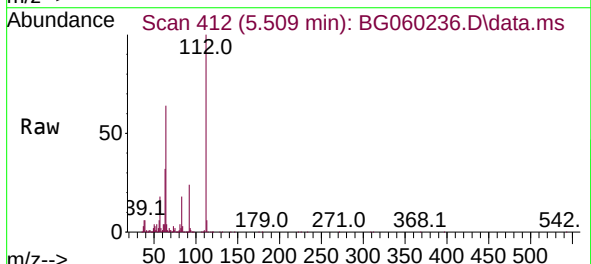
Manual Integrations
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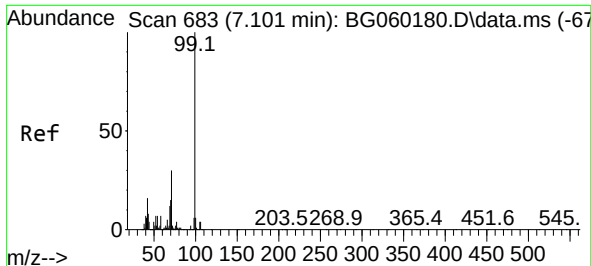
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#5
2-Fluorophenol
Concen: 89.074 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

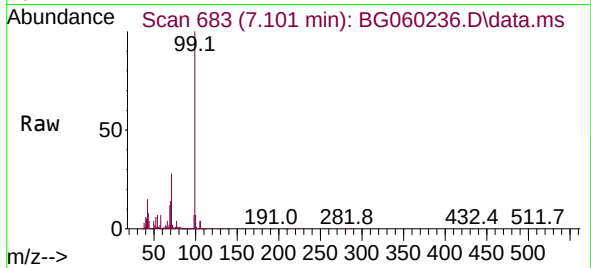
Tgt Ion:112 Resp: 1242674
Ion Ratio Lower Upper
112 100
64 64.4 52.2 78.4
63 32.3 25.4 38.0





#7
Phenol-d6
Concen: 91.670 ng
RT: 7.101 min Scan# 683
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

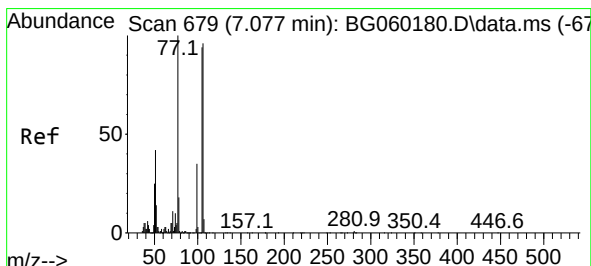
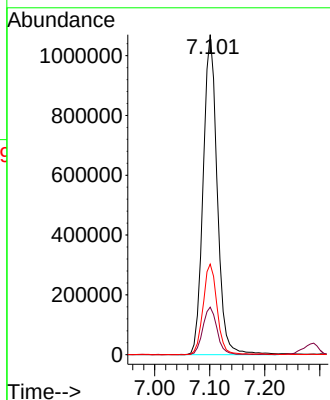
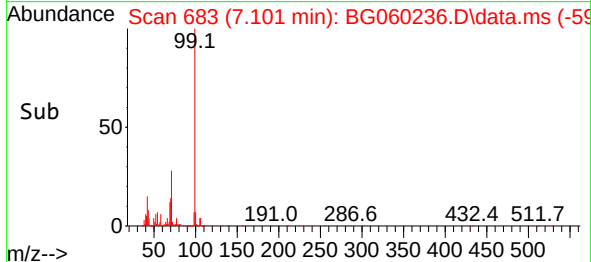
Instrument :
BNA_G
ClientSampleId :
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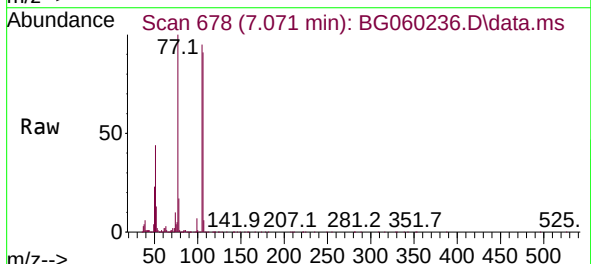
Tgt Ion: 99 Resp: 1898872
Ion Ratio Lower Upper
99 100
42 14.9 12.5 18.7
71 28.3 24.1 36.1

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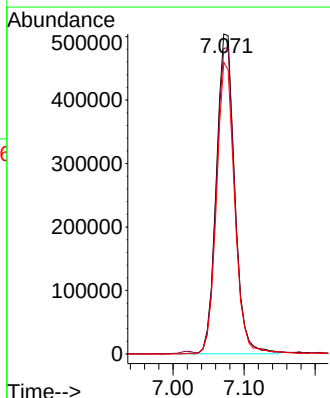
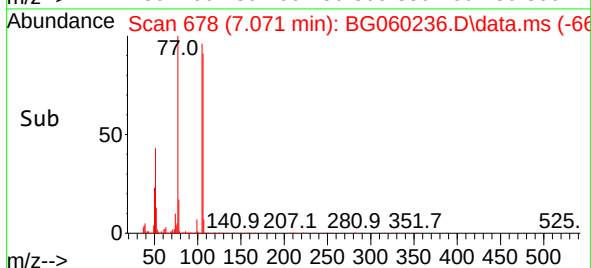
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

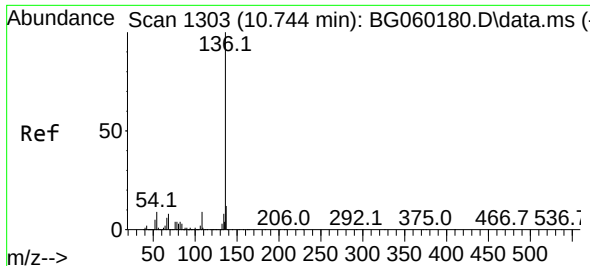


#9
Benzaldehyde
Concen: 72.163 ng
RT: 7.071 min Scan# 678
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01



Tgt Ion: 77 Resp: 898708
Ion Ratio Lower Upper
77 100
105 95.5 73.8 113.8
106 91.1 76.2 116.2





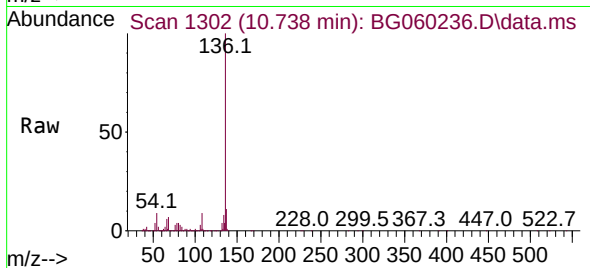
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

ClientSampleId :

EC48-BOTTOM



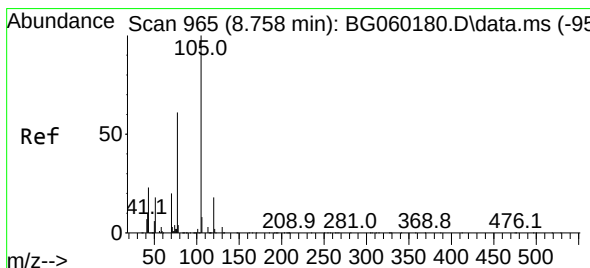
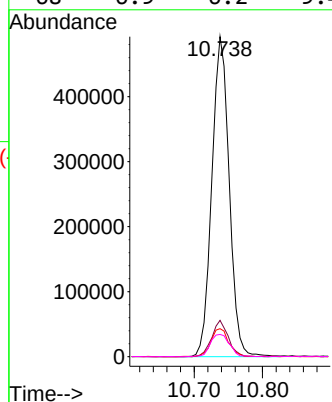
Tgt Ion:136 Resp: 872010
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 8.7 7.4 11.2
68 6.9 6.2 9.4

Manual Integrations

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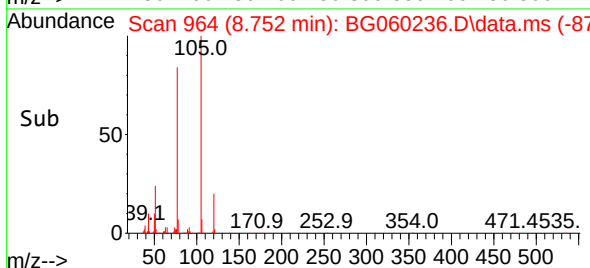
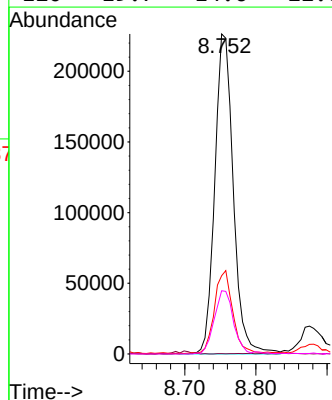
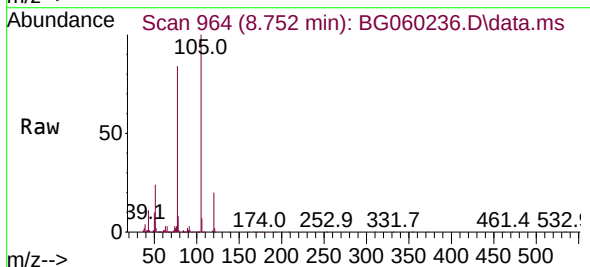
Reviewed By :Yogesh Patel 01/04/2024

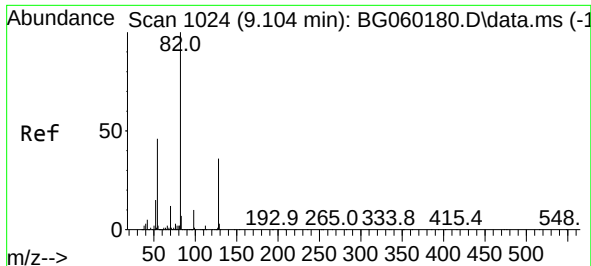
Supervised By :mohammad ahmed 01/04/2024



#22
Acetophenone
Concen: 15.855 ng
RT: 8.752 min Scan# 964
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

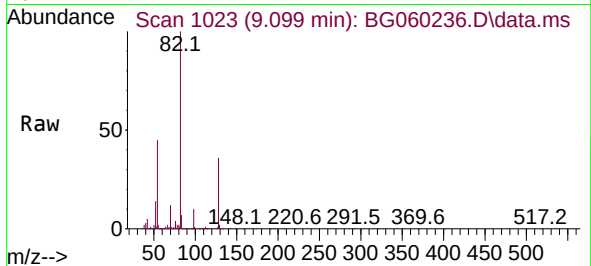
Tgt Ion:105 Resp: 409626
Ion Ratio Lower Upper
105 100
71 0.1 2.6 3.8#
51 24.5 20.0 30.0
120 19.7 14.6 22.0





#23
Nitrobenzene-d5
Concen: 59.617 ng
RT: 9.099 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

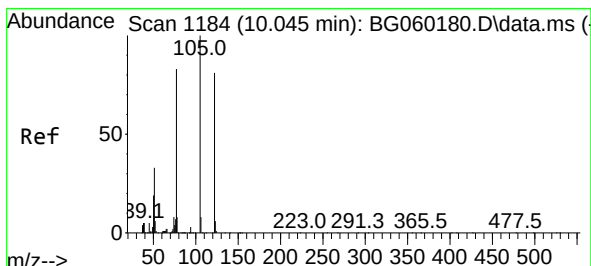
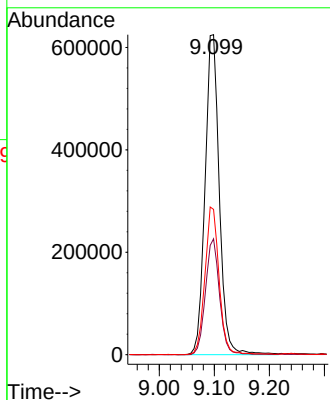
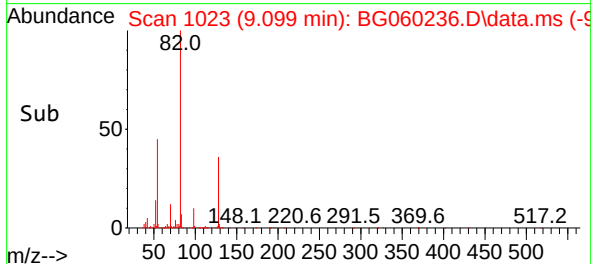
Instrument :
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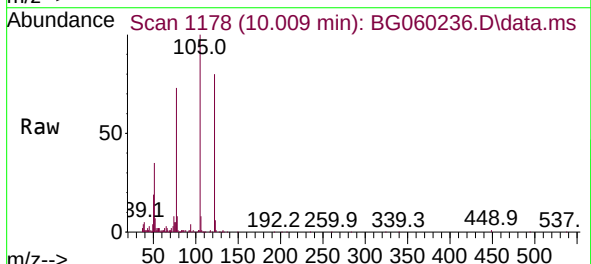
Tgt Ion: 82 Resp: 112550
Ion Ratio Lower Upper
82 100
128 36.2 28.7 43.1
54 45.4 36.9 55.3

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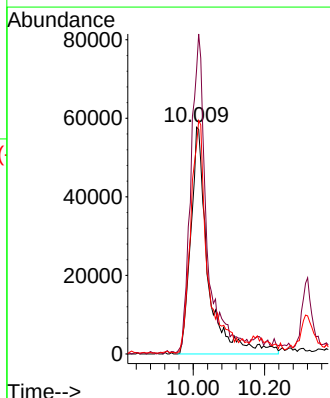
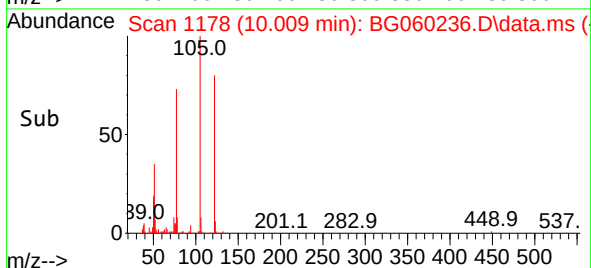
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

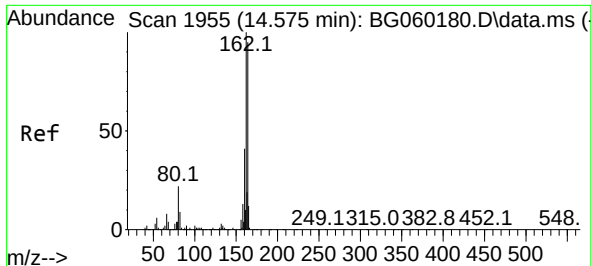


#32
Benzoic acid
Concen: 28.170 ng m
RT: 10.009 min Scan# 1178
Delta R.T. -0.036 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01



Tgt Ion:122 Resp: 194304
Ion Ratio Lower Upper
122 100
105 125.5 99.2 139.2
77 92.1 81.0 121.0





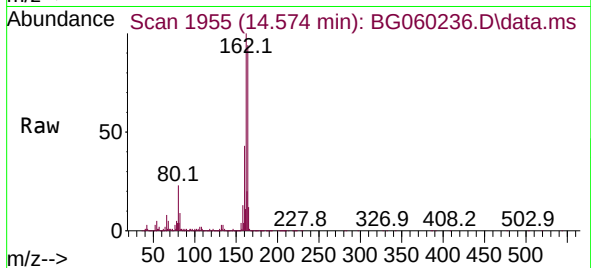
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

ClientSampleId :

EC48-BOTTOM



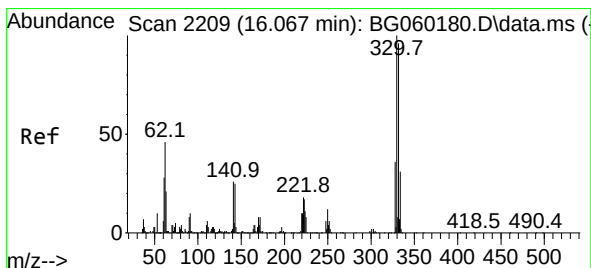
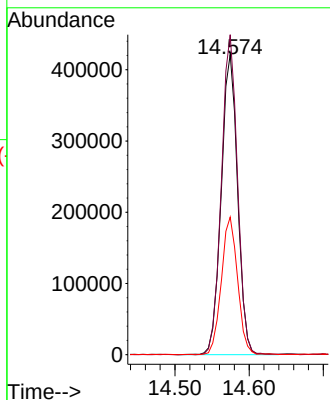
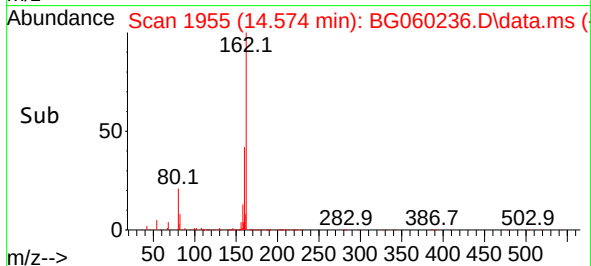
Tgt Ion:164 Resp: 64485
Ion Ratio Lower Upper
164 100
162 106.5 83.9 125.9
160 45.8 34.2 51.4

Manual Integrations

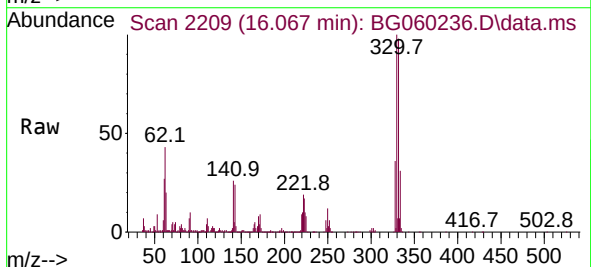
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Reviewed By :Yogesh Patel 01/04/2024

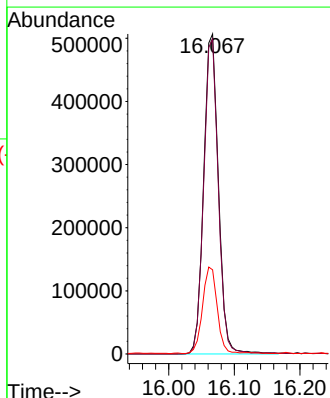
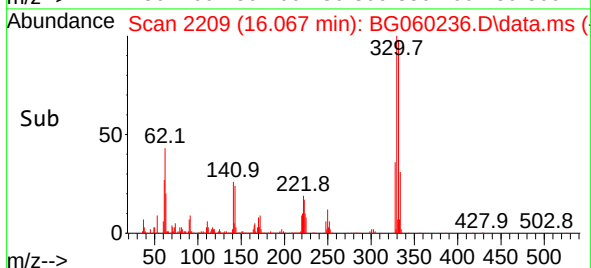
Supervised By :mohammad ahmed 01/04/2024

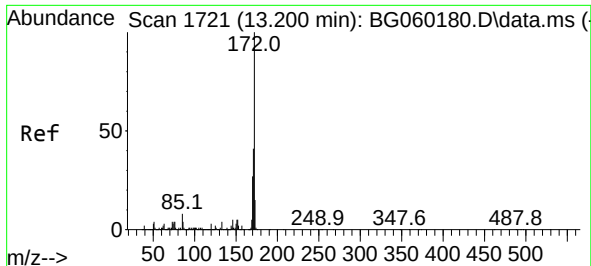


#42
2,4,6-Tribromophenol
Concen: 91.983 ng
RT: 16.067 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01



Tgt Ion:330 Resp: 794001
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 26.9 21.0 31.4





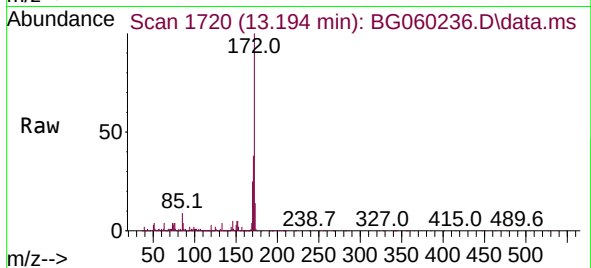
#45
2-Fluorobiphenyl
Concen: 62.720 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

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EC48-BOTTOM



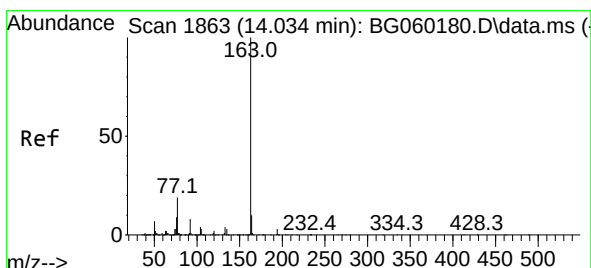
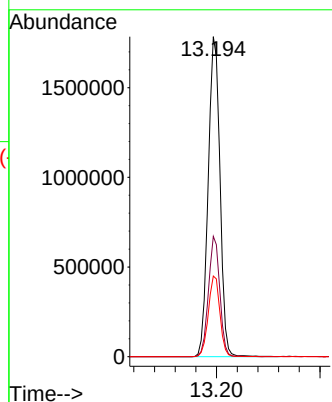
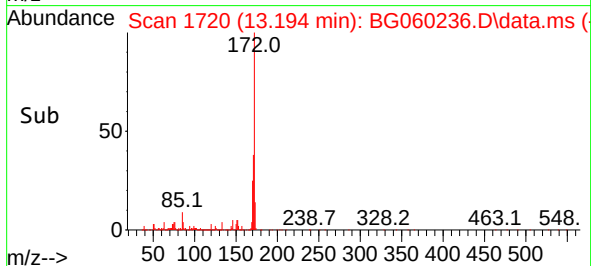
Tgt Ion:172 Resp: 2814129
Ion Ratio Lower Upper
172 100
171 37.6 32.6 48.8
170 25.2 21.8 32.6

Manual Integrations

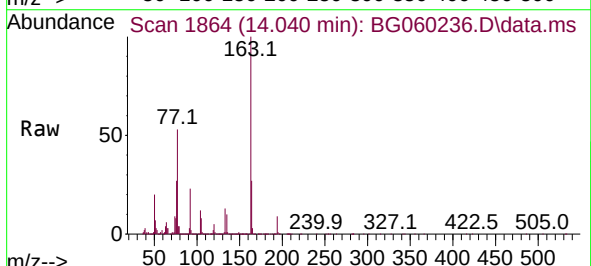
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Reviewed By :Yogesh Patel 01/04/2024

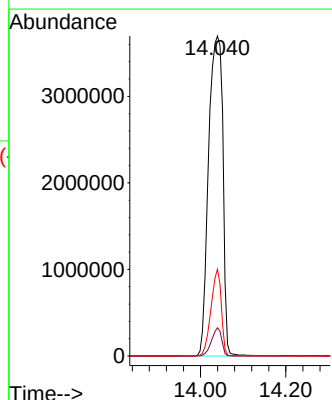
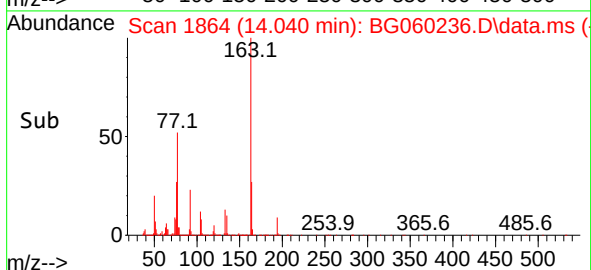
Supervised By :mohammad ahmed 01/04/2024

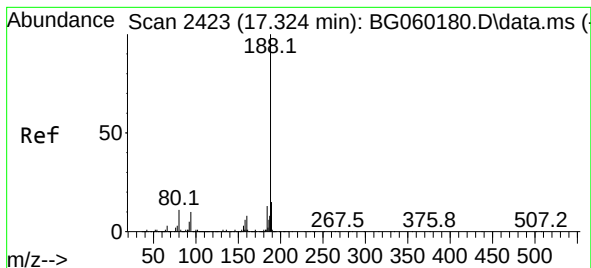


#50
Dimethylphthalate
Concen: 172.170 ng
RT: 14.040 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01



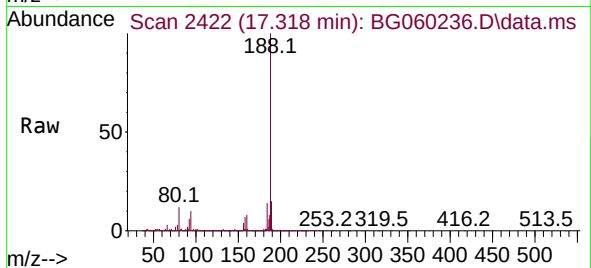
Tgt Ion:163 Resp: 8571902
Ion Ratio Lower Upper
163 100
194 8.8 2.6 4.0#
164 27.2 8.3 12.5#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

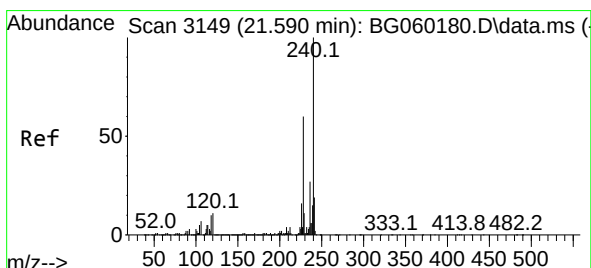
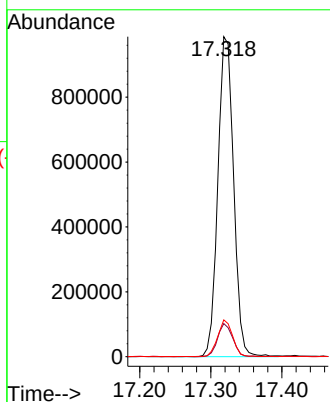
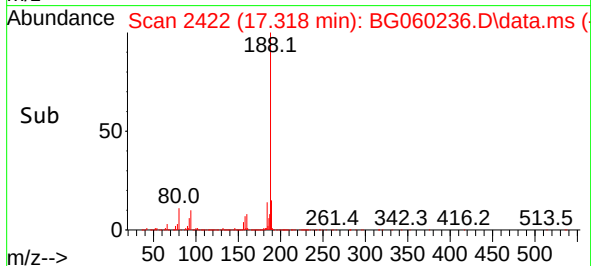
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BNA_G
ClientSampleId :
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Tgt Ion:188 Resp: 151164
Ion Ratio Lower Upper
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94 10.4 7.8 11.6
80 11.5 8.6 13.0

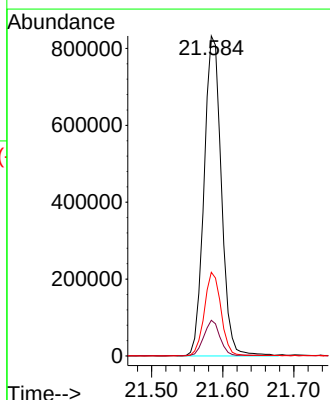
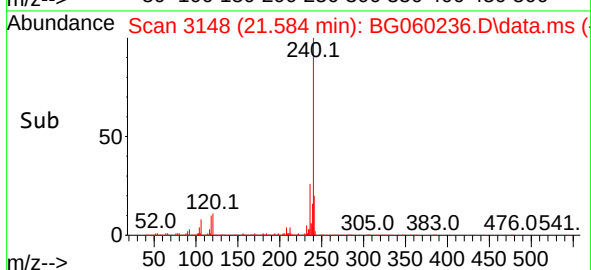
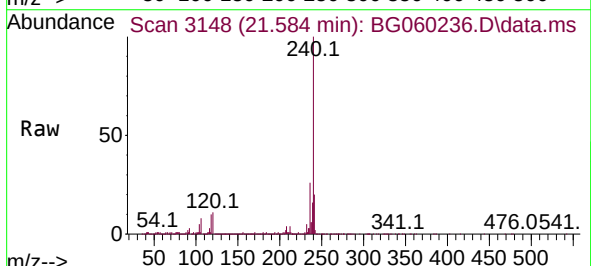
Manual Integrations
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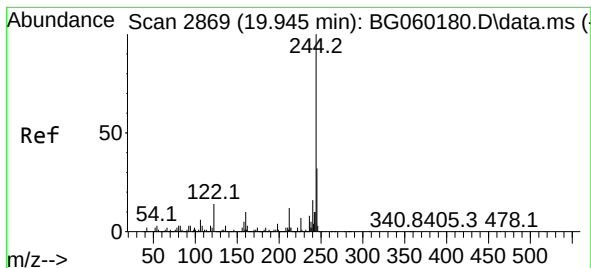
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.584 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG060236.D
Acq: 3 Jan 2024 21:01

Tgt Ion:240 Resp: 1409425
Ion Ratio Lower Upper
240 100
120 11.2 8.5 12.7
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 55.851 ng

RT: 19.945 min Scan# 2869

Delta R.T. -0.000 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

Instrument :

BNA_G

ClientSampleId :

EC48-BOTTOM

Tgt Ion:244 Resp: 4094550

Ion Ratio Lower Upper

244 100

212 9.6 9.5 14.3

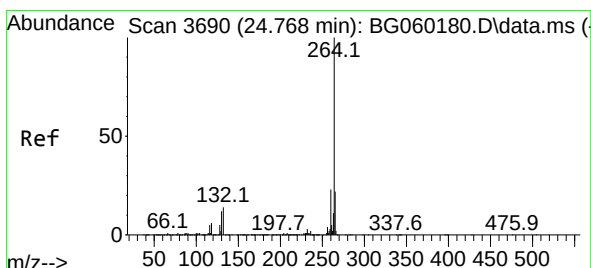
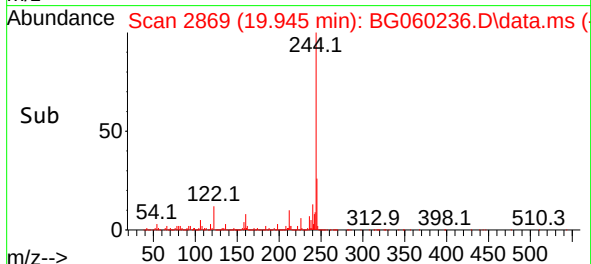
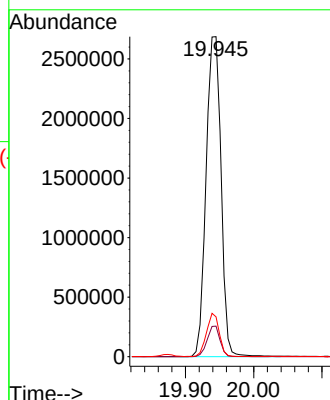
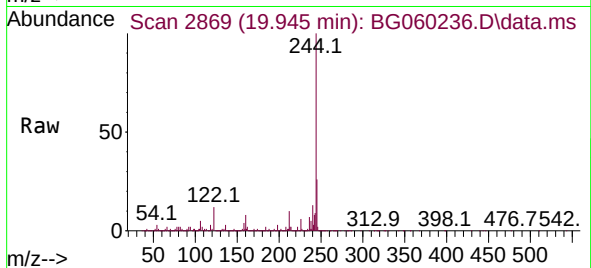
122 12.5 11.4 17.2

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: 24.762 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060236.D

Acq: 3 Jan 2024 21:01

Tgt Ion:264 Resp: 1610432

Ion Ratio Lower Upper

264 100

260 23.5 18.0 27.0

265 21.4 17.4 26.0

