

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055923.D
 Acq On : 7 Dec 2022 21:09
 Operator : CG/JU
 Sample : N5899-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 08 05:09:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	34117	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	145843	20.000	ng	0.00
39) Acenaphthene-d10	14.797	164	95659	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	208317	20.000	ng	0.00
76) Chrysene-d12	21.819	240	180425	20.000	ng	0.00
86) Perylene-d12	25.174	264	205717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	238428	126.319	ng	0.00
7) Phenol-d6	7.324	99	320913	127.723	ng	0.00
23) Nitrobenzene-d5	9.339	82	210559	76.308	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	148138	109.976	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	444301	69.582	ng	0.00
79) Terphenyl-d14	20.126	244	576691	63.930	ng	0.00
Target Compounds						
75) Fluoranthene	19.580	202	40075	2.930	ng	98
78) Pyrene	19.944	202	46308	3.792	ng	100
83) Chrysene	21.866	228	25533m	2.158	ng	
88) Benzo(b)fluoranthene	24.104	252	29052	2.168	ng	# 67
90) Benzo(a)pyrene	25.009	252	23377	2.033	ng	# 82

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

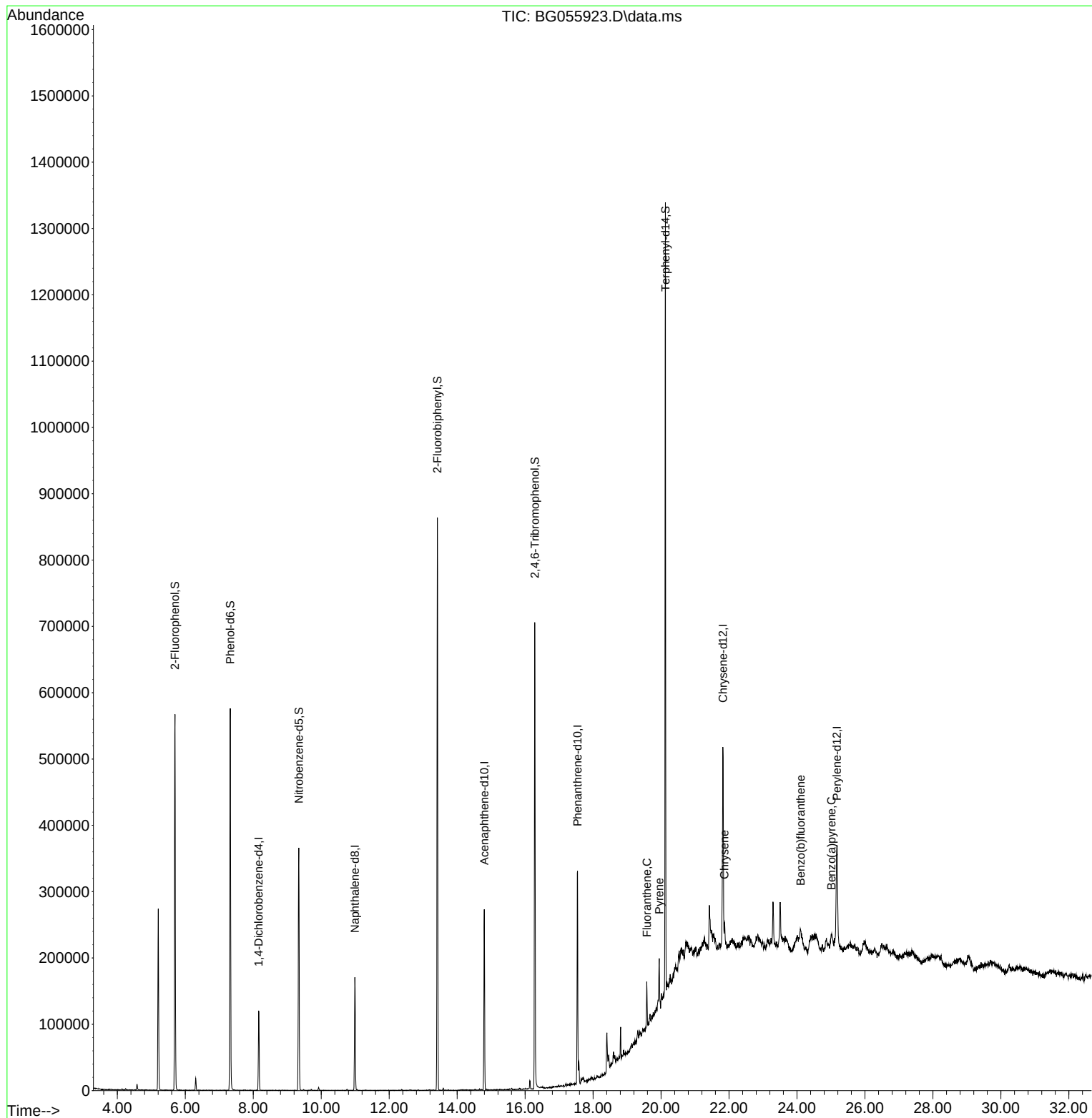
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055923.D
Acq On : 7 Dec 2022 21:09
Operator : CG/JU
Sample : N5899-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

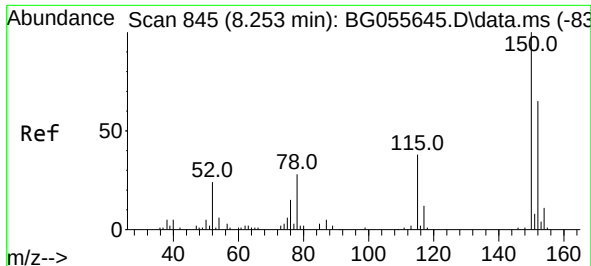
Instrument :
BNA_G
ClientSampleId :
TP-30

Quant Time: Dec 08 05:09:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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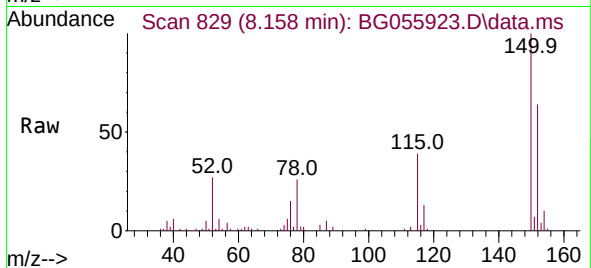
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

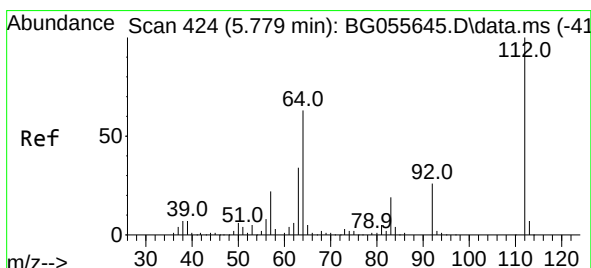
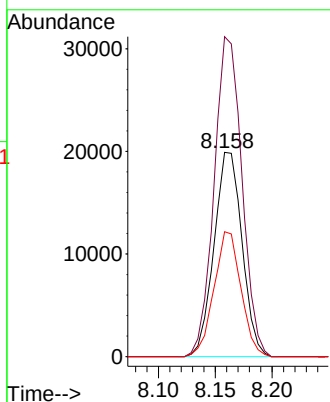
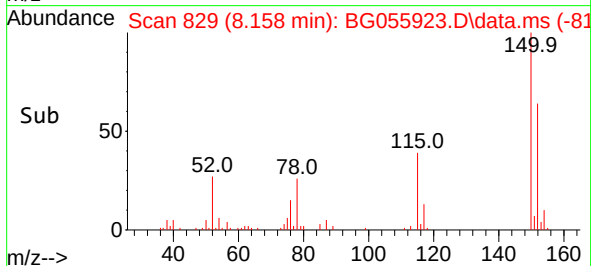
Instrument :
BNA_G
ClientSampleId :
TP-30



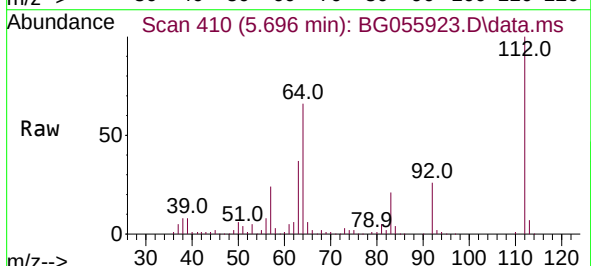
Tgt Ion:152 Resp: 3411
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 61.1 47.0 70.4

Manual Integrations
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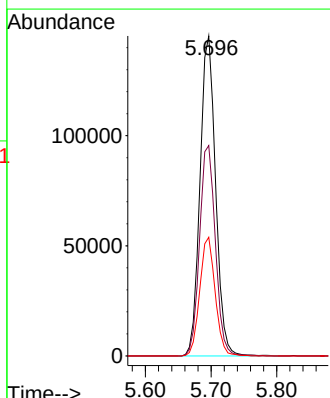
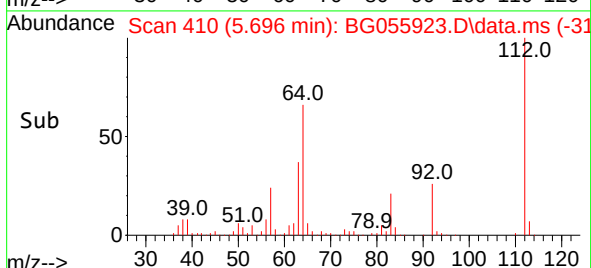
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

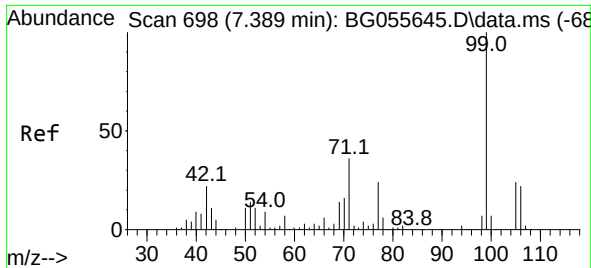


#5
2-Fluorophenol
Concen: 126.319 ng
RT: 5.696 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09



Tgt Ion:112 Resp: 238428
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 37.1 27.5 41.3





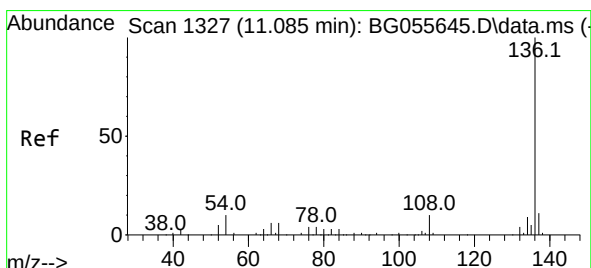
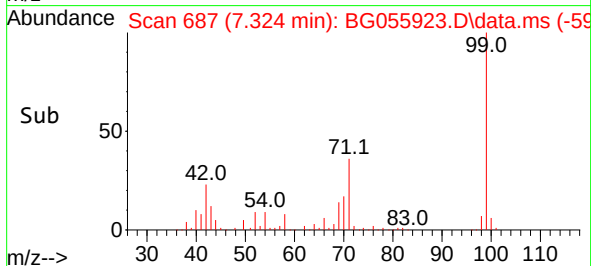
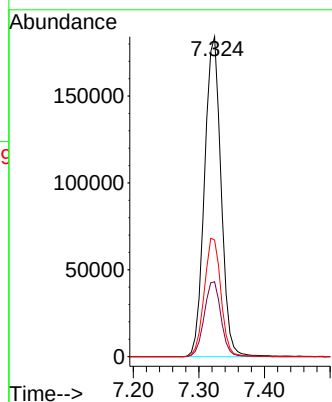
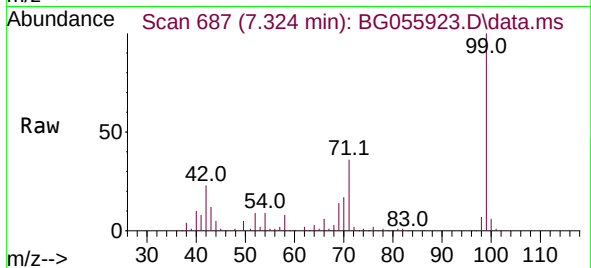
#7
Phenol-d6
Concen: 127.723 ng
RT: 7.324 min Scan# 687
Delta R.T. 0.002 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Instrument :
BNA_G
ClientSampleId :
TP-30

Tgt Ion: 99 Resp: 320913
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 36.4 29.0 43.6

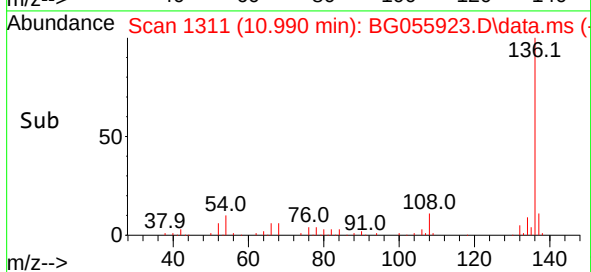
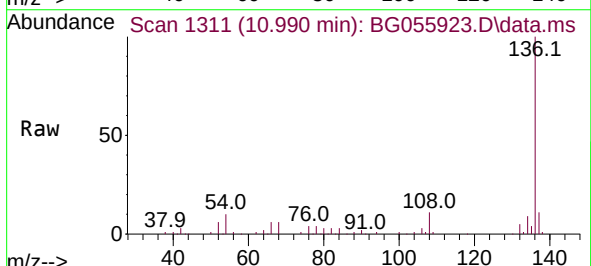
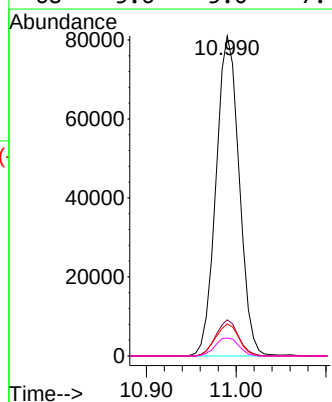
Manual Integrations
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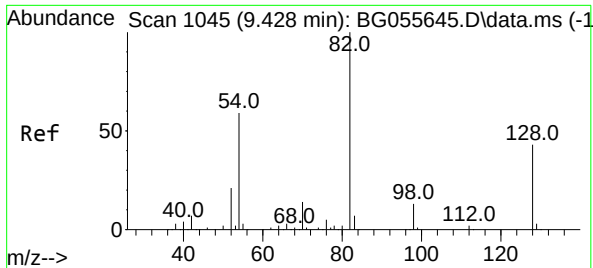
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 1311
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:136 Resp: 145843
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.0 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.308 ng

RT: 9.339 min Scan# 1045

Delta R.T. -0.004 min

Lab File: BG055923.D

Acq: 7 Dec 2022 21:09

Instrument :

BNA_G

ClientSampleId :

TP-30

Tgt Ion: 82 Resp: 210559

Ion Ratio Lower Upper

82 100

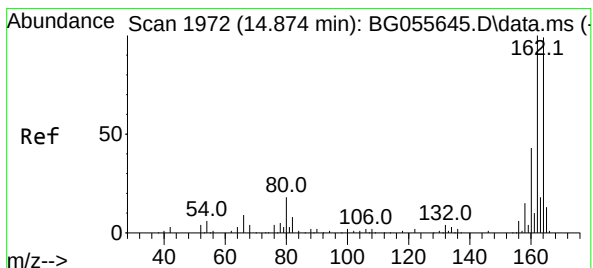
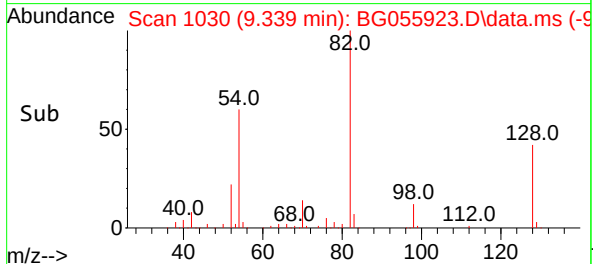
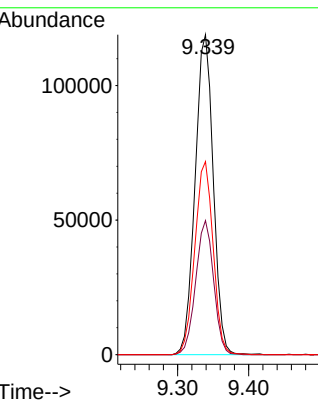
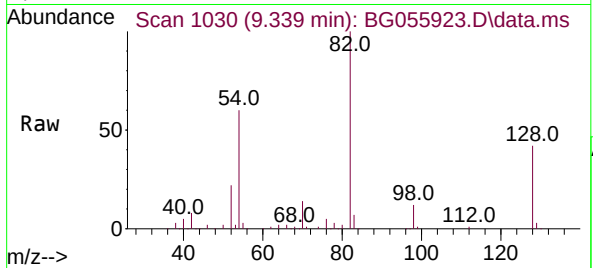
128 41.9 34.1 51.1

54 60.3 47.3 70.9

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Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.797 min Scan# 1959

Delta R.T. -0.004 min

Lab File: BG055923.D

Acq: 7 Dec 2022 21:09

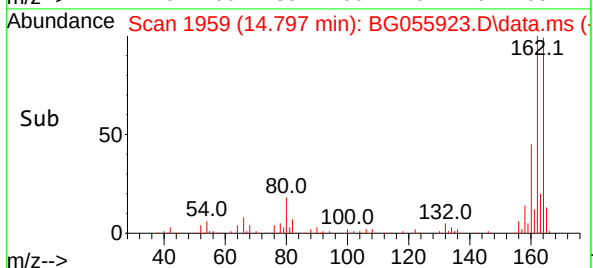
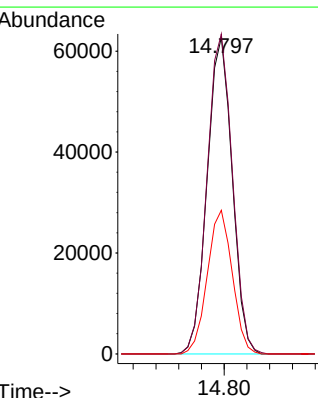
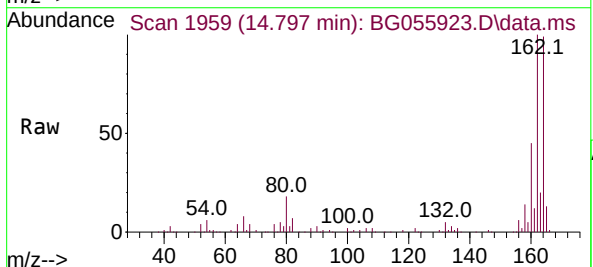
Tgt Ion:164 Resp: 95659

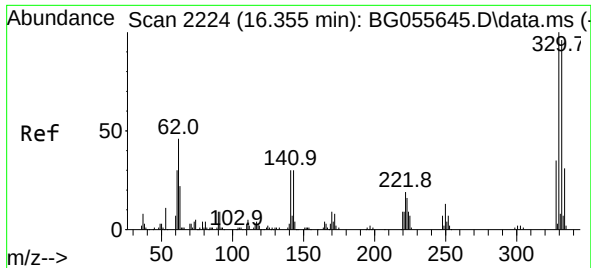
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

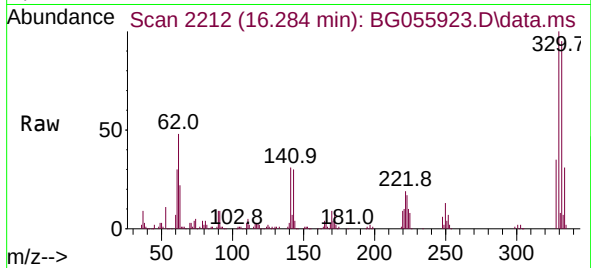
160 45.4 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 109.976 ng
RT: 16.284 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

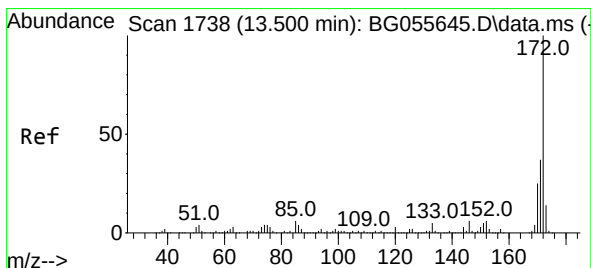
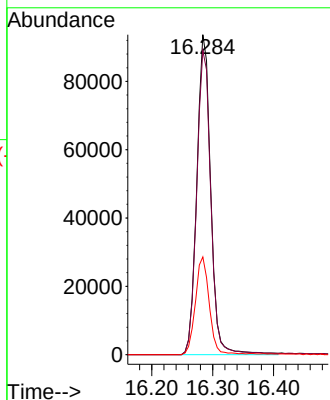
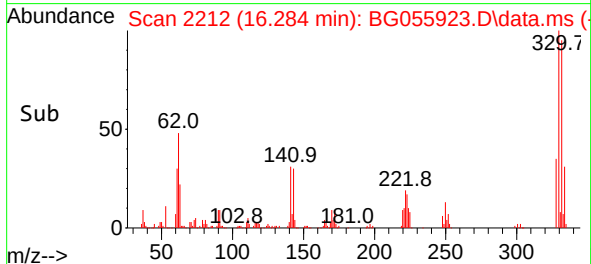
Instrument :
BNA_G
ClientSampleId :
TP-30



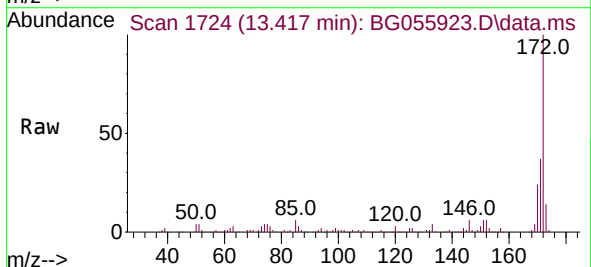
Tgt Ion:330 Resp: 148138
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 30.4 23.9 35.9

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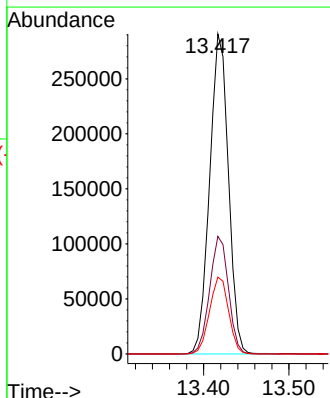
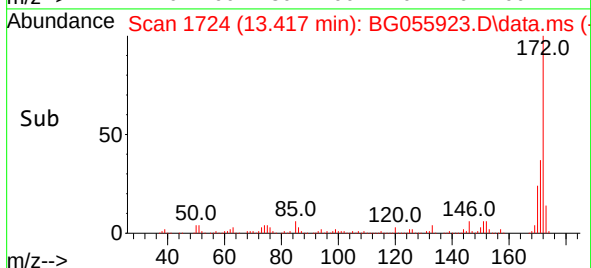
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

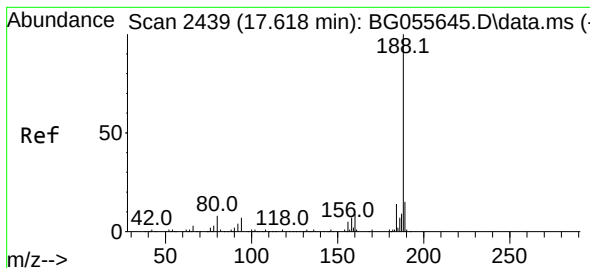


#45
2-Fluorobiphenyl
Concen: 69.582 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09



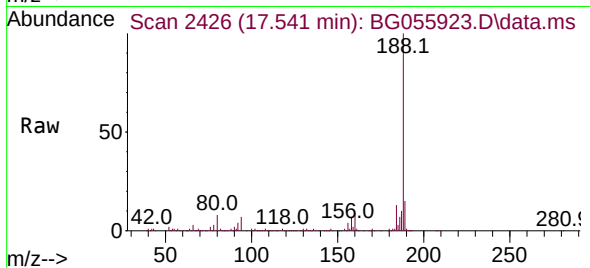
Tgt Ion:172 Resp: 444301
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.0 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.541 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

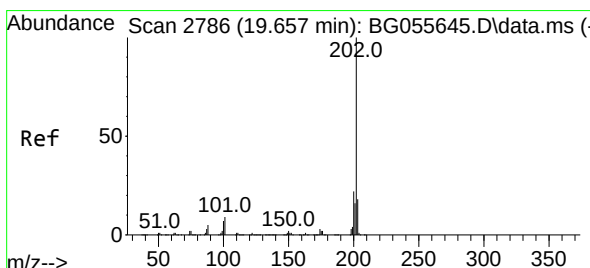
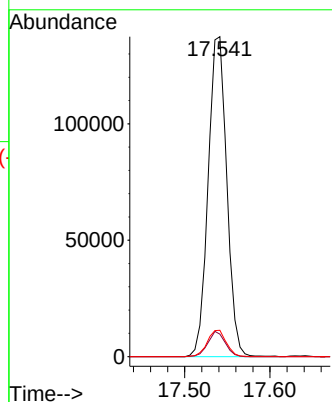
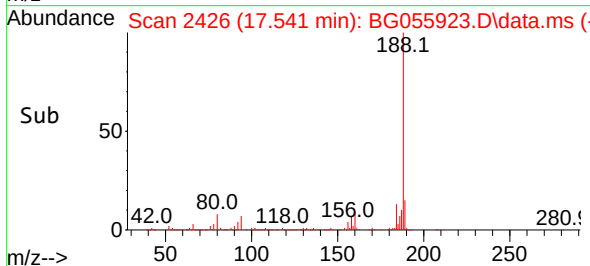
Instrument :
BNA_G
ClientSampleId :
TP-30



Tgt Ion:188 Resp: 208317
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.2
80 8.2 6.6 10.0

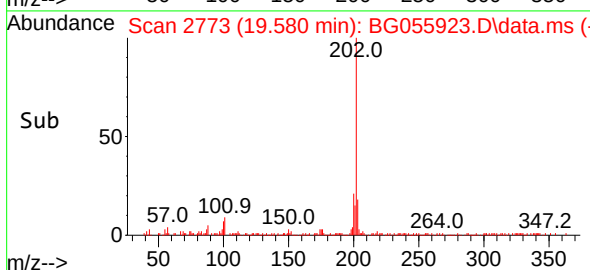
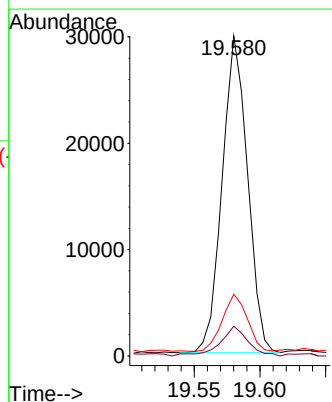
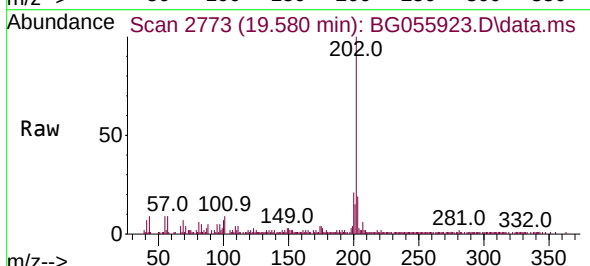
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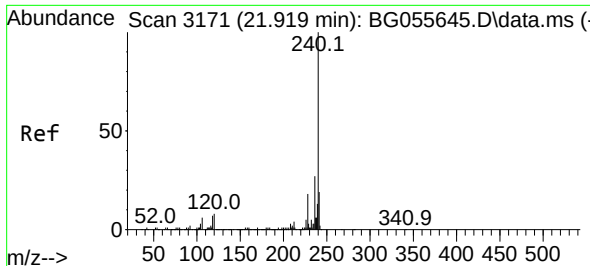
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#75
Fluoranthene
Concen: 2.930 ng
RT: 19.580 min Scan# 2773
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:202 Resp: 40075
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 19.3 0.0 38.1





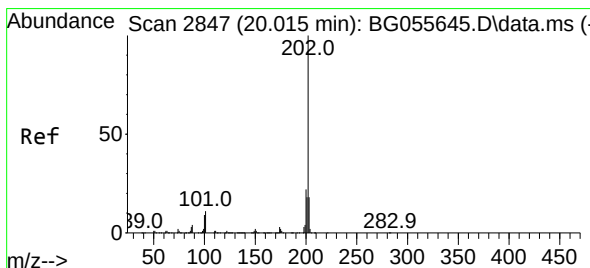
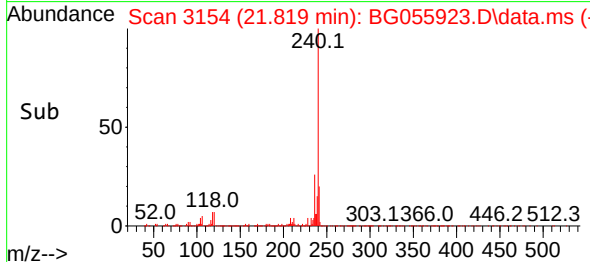
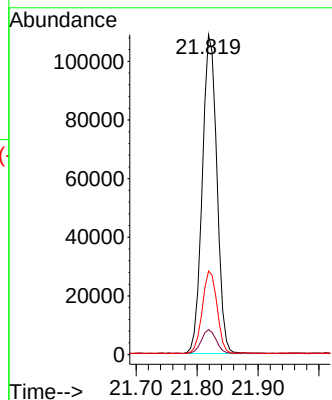
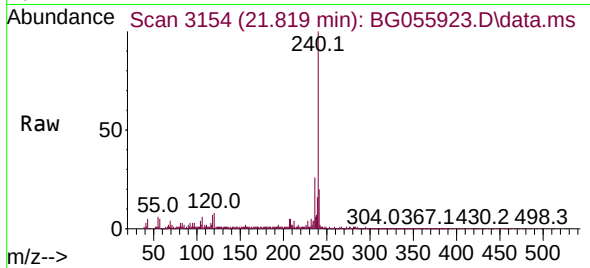
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Instrument :
BNA_G
ClientSampleId :
TP-30

Tgt Ion:240 Resp: 180425
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.1 21.9 32.9

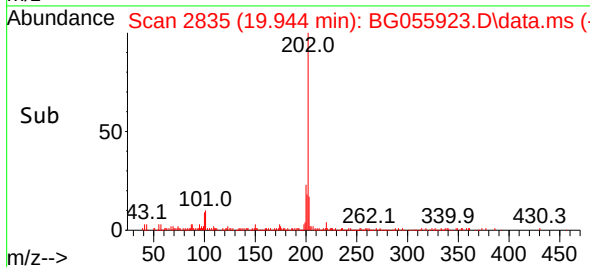
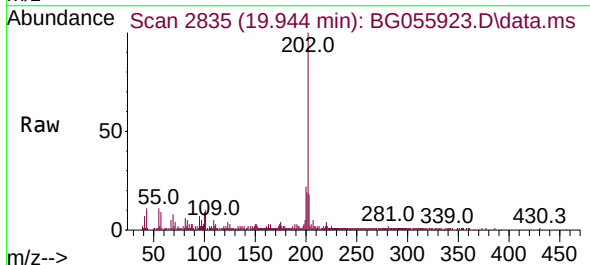
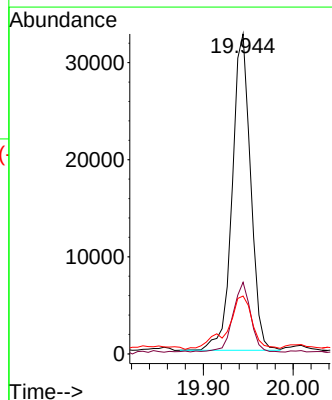
Manual Integrations
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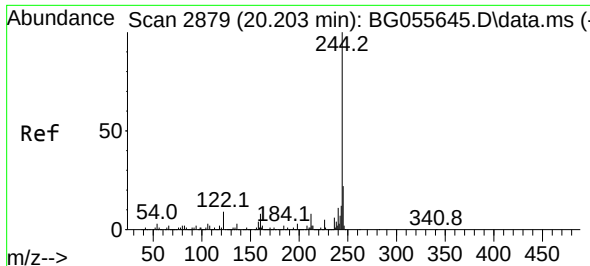
Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022



#78
Pyrene
Concen: 3.792 ng
RT: 19.944 min Scan# 2835
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:202 Resp: 46308
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.1 14.4 21.6





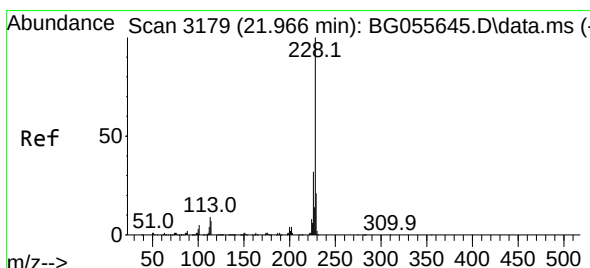
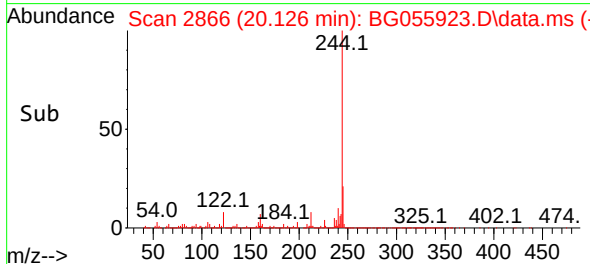
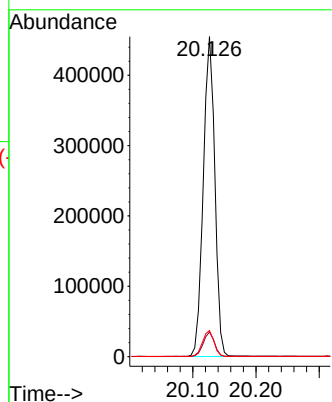
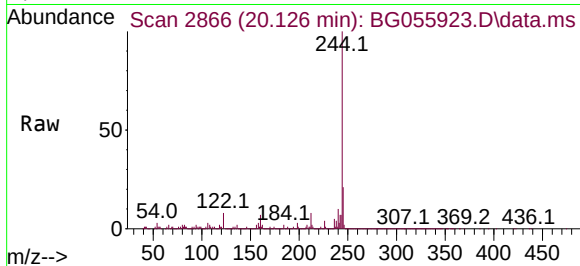
#79
 Terphenyl-d14
 Concen: 63.930 ng
 RT: 20.126 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Tgt Ion:244 Resp: 57669
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.1 6.9 10.3

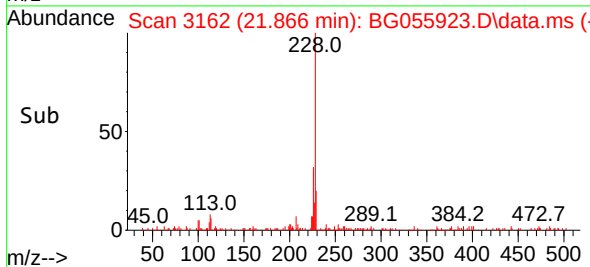
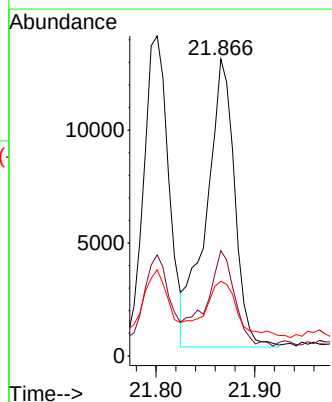
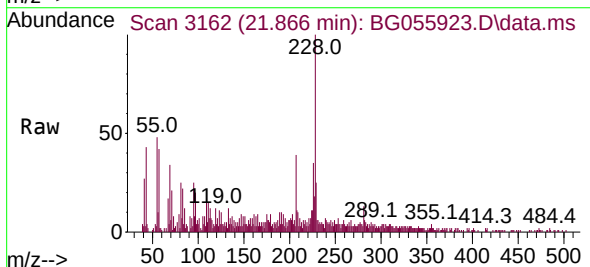
Manual Integrations
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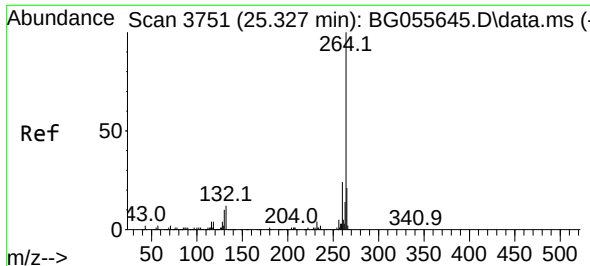
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#83
 Chrysene
 Concen: 2.158 ng m
 RT: 21.866 min Scan# 3162
 Delta R.T. -0.010 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

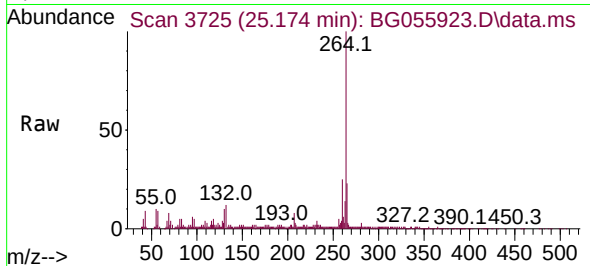
Tgt Ion:228 Resp: 25533
 Ion Ratio Lower Upper
 228 100
 226 35.5 25.4 38.2
 229 25.1 17.1 25.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

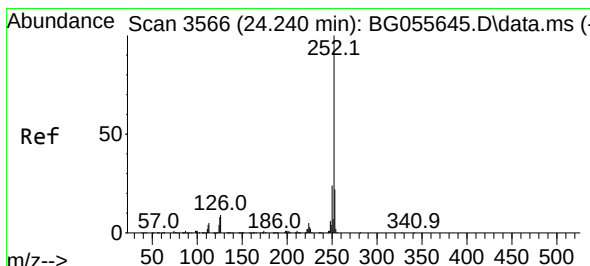
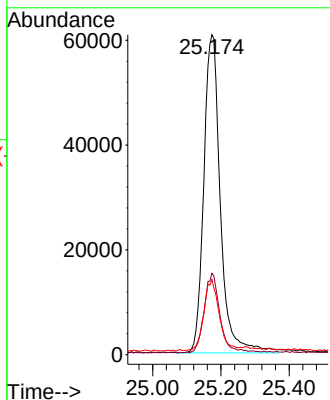
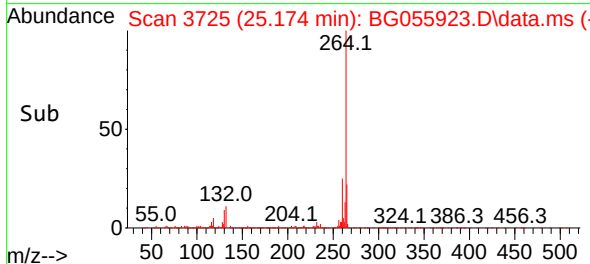
Instrument :
 BNA_G
 ClientSampleId :
 TP-30



Tgt Ion:264 Resp: 20571
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.5 29.3
 265 23.5 17.1 25.7

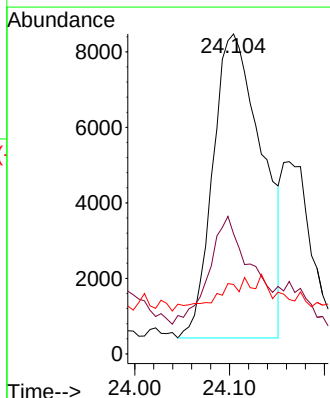
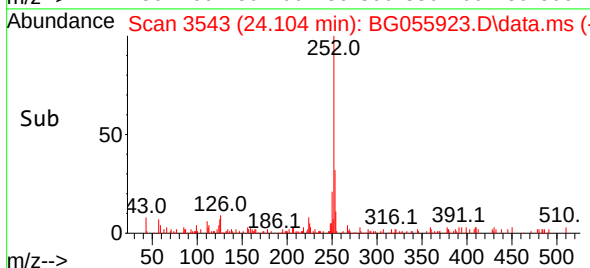
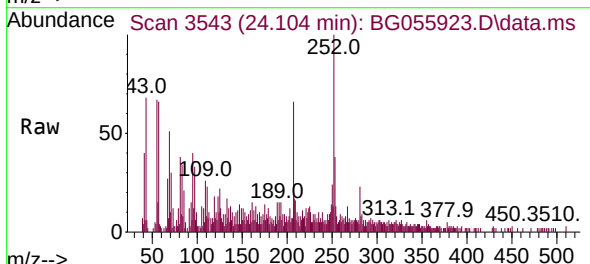
Manual Integrations
 APPROVED

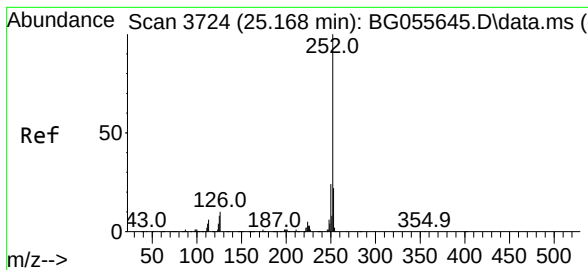
Reviewed By :Christian Giraldo 12/08/2022
 Supervised By :mohammad ahmed 12/08/2022



#88
 Benzo(b)fluoranthene
 Concen: 2.168 ng
 RT: 24.104 min Scan# 3543
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

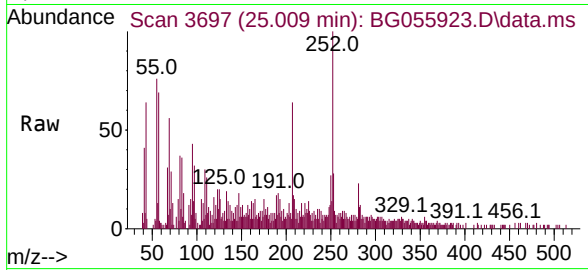
Tgt Ion:252 Resp: 29052
 Ion Ratio Lower Upper
 252 100
 253 37.5 18.0 27.0#
 125 21.7 6.2 9.2#





#90
 Benzo(a)pyrene
 Concen: 2.033 ng
 RT: 25.009 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

Instrument :
 BNA_G
 ClientSampleId :
 TP-30



Tgt Ion: 252 Resp: 2337

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.8	26.6
125	19.7	6.4	9.6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/08/2022
 Supervised By : mohammad ahmed 12/08/2022

