

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055330.D
 Acq On : 27 Oct 2022 19:23
 Operator : CG/JU
 Sample : N5268-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-102422

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 27 20:47:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	46605	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	201794	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	123317	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	245256	20.000	ng	0.00
76) Chrysene-d12	21.898	240	221684	20.000	ng	0.00
86) Perylene-d12	25.311	264	210589	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	256102	96.219	ng	0.00
7) Phenol-d6	7.415	99	348915	90.483	ng	0.00
23) Nitrobenzene-d5	9.442	82	218352	55.253	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	128103	95.559	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	450071	59.737	ng	0.00
79) Terphenyl-d14	20.194	244	574658	53.859	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.661	178	40142	3.069	ng	99
75) Fluoranthene	19.647	202	70105	4.600	ng	99
78) Pyrene	20.012	202	91658	6.032	ng	96
81) Benzo(a)anthracene	21.874	228	40963	2.752	ng	# 90
83) Chrysene	21.945	228	48673	3.442	ng	# 96
88) Benzo(b)fluoranthene	24.218	252	50381	3.977	ng	# 65
90) Benzo(a)pyrene	25.141	252	36768	3.385	ng	# 83

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

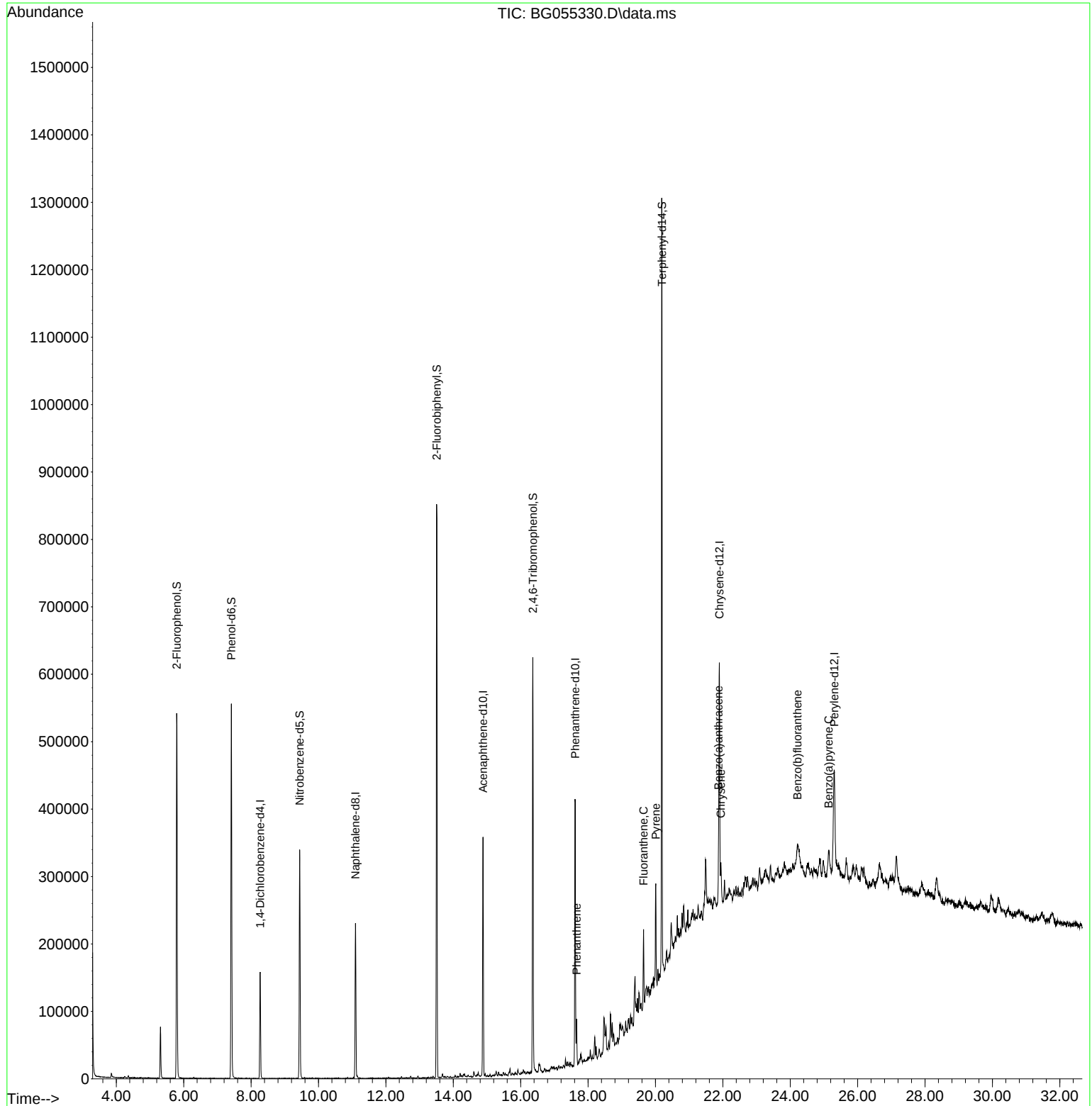
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055330.D
Acq On : 27 Oct 2022 19:23
Operator : CG/JU
Sample : N5268-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

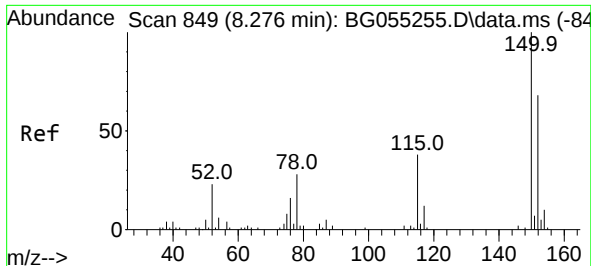
Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Quant Time: Oct 27 20:47:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Manual Integrations
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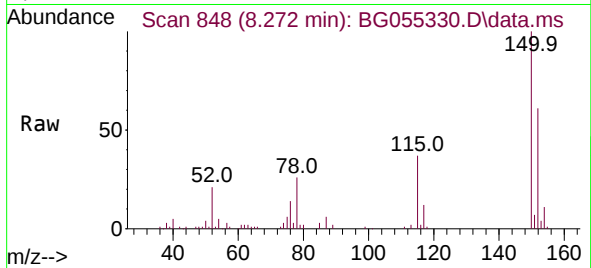
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 849
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

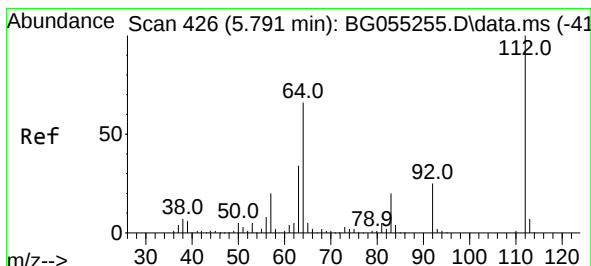
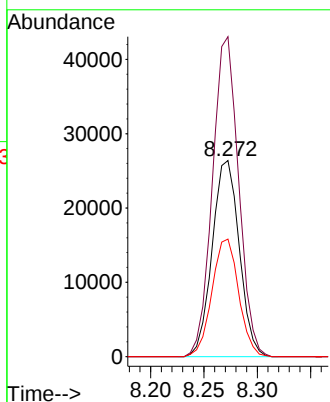
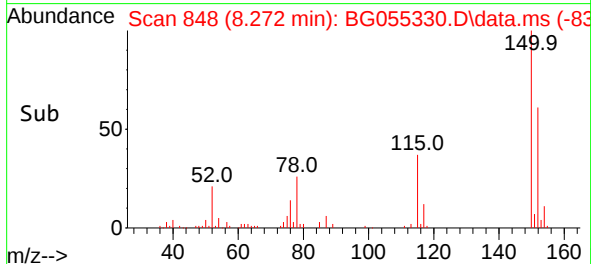
Instrument :
BNA_G
ClientSampleId :
OK-03-102422



Tgt Ion:152 Resp: 46605
Ion Ratio Lower Upper
152 100
150 163.3 118.2 177.4
115 59.9 44.5 66.7

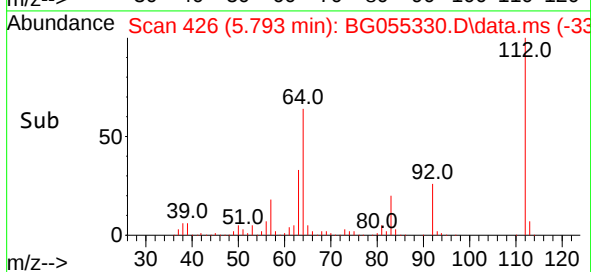
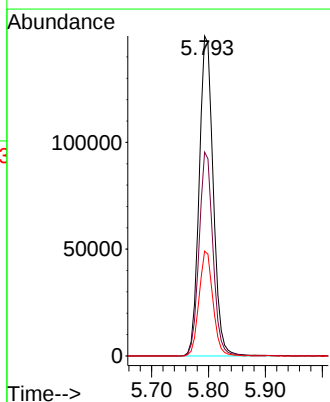
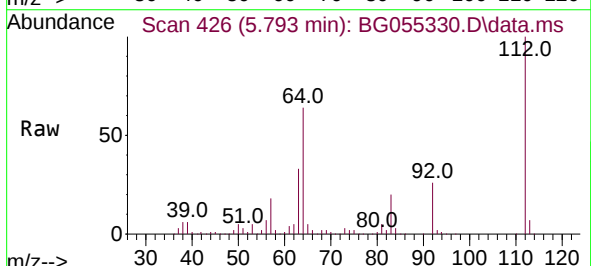
Manual Integrations
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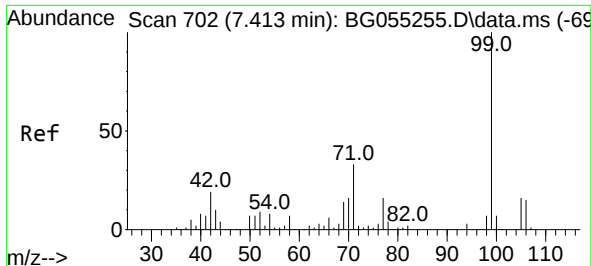
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#5
2-Fluorophenol
Concen: 96.219 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

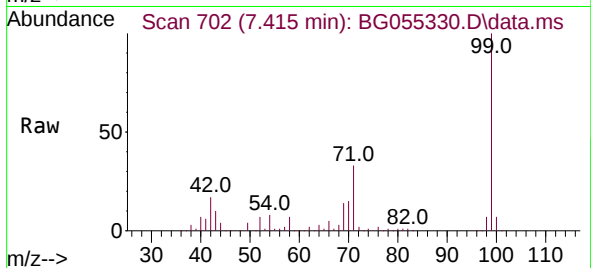
Tgt Ion:112 Resp: 256102
Ion Ratio Lower Upper
112 100
64 63.7 52.6 78.8
63 32.7 27.1 40.7





#7
Phenol-d6
Concen: 90.483 ng
RT: 7.415 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

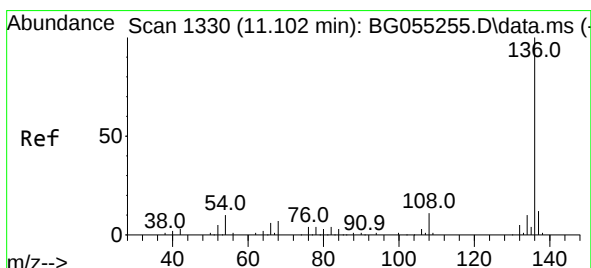
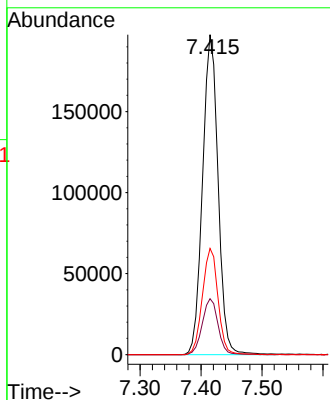
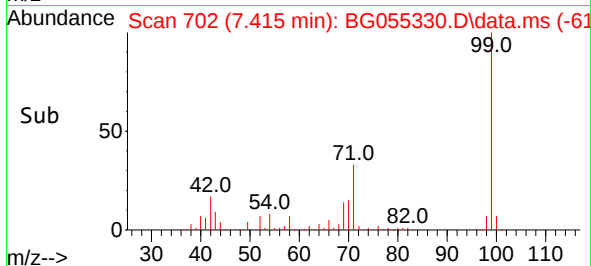
Instrument :
BNA_G
ClientSampleId :
OK-03-102422



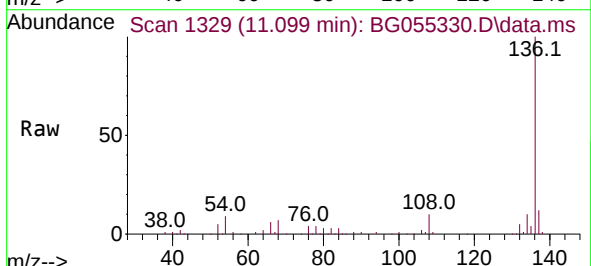
Tgt Ion: 99 Resp: 348915
Ion Ratio Lower Upper
99 100
42 17.5 15.2 22.8
71 33.2 26.2 39.4

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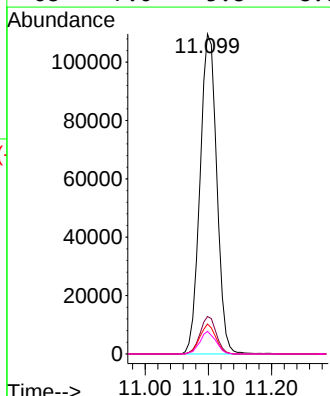
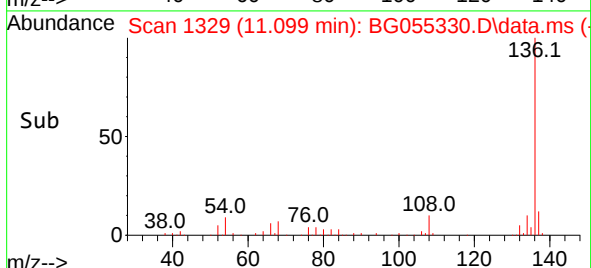
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022

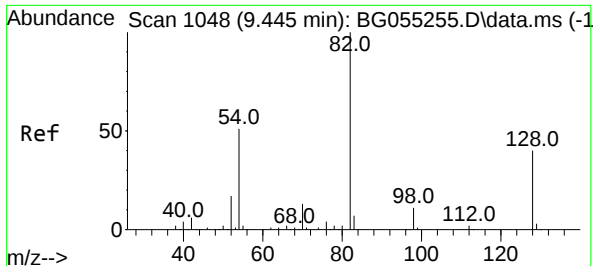


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23



Tgt Ion:136 Resp: 201794
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 9.3 7.8 11.8
68 7.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 55.253 ng

RT: 9.442 min Scan# 1048

Delta R.T. -0.004 min

Lab File: BG055330.D

Acq: 27 Oct 2022 19:23

Instrument :

BNA_G

ClientSampleId :

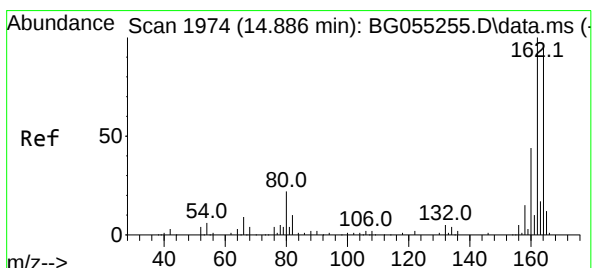
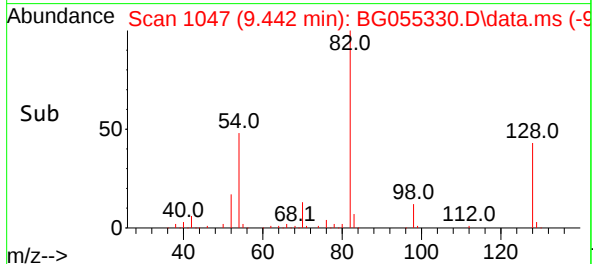
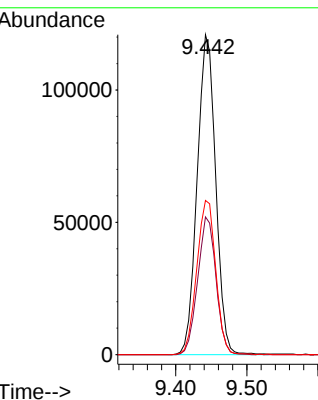
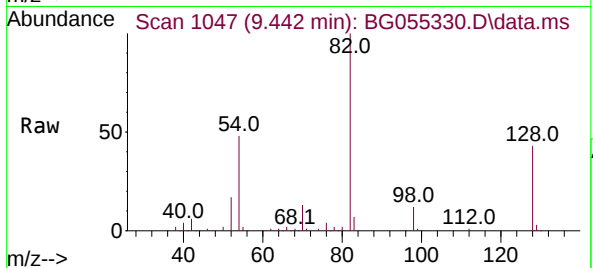
OK-03-102422

Tgt Ion: 82 Resp: 218352
 Ion Ratio Lower Upper
 82 100
 128 43.1 32.0 48.0
 54 48.2 40.9 61.3

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 Supervised By :mohammad ahmed 11/02/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

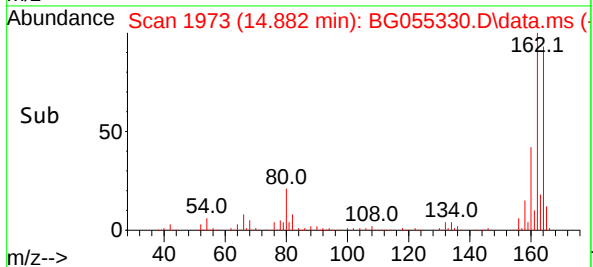
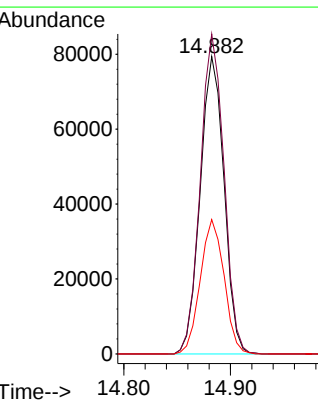
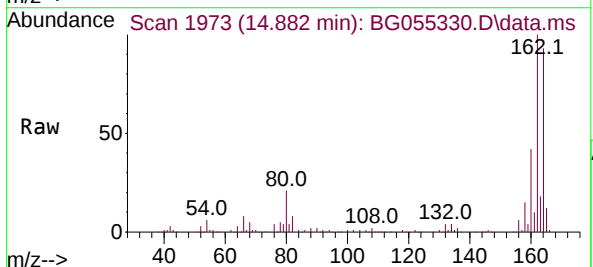
RT: 14.882 min Scan# 1973

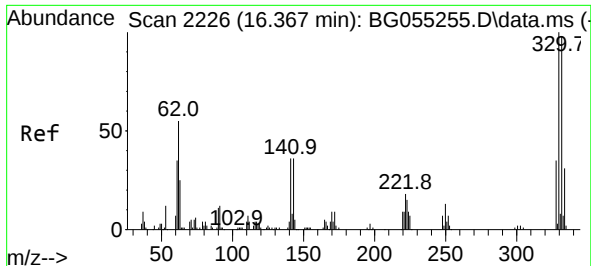
Delta R.T. -0.004 min

Lab File: BG055330.D

Acq: 27 Oct 2022 19:23

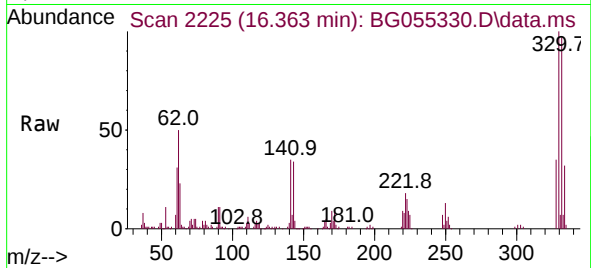
Tgt Ion:164 Resp: 123317
 Ion Ratio Lower Upper
 164 100
 162 107.6 84.0 126.0
 160 45.2 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 95.559 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

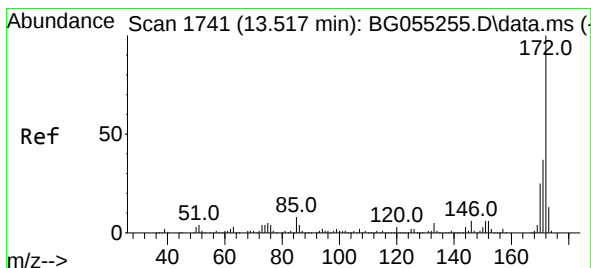
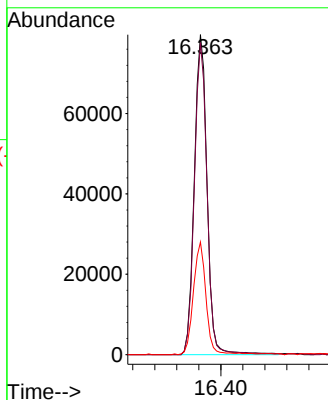
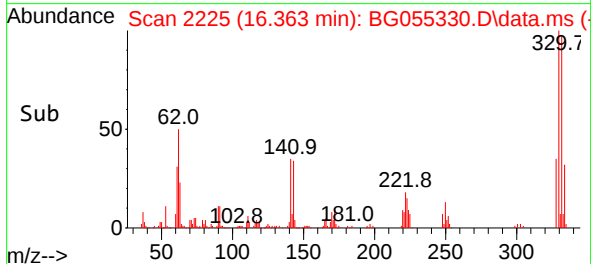
Instrument :
BNA_G
ClientSampleId :
OK-03-102422



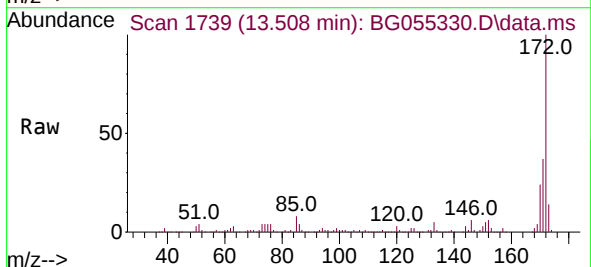
Tgt Ion:330 Resp: 128103
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 35.0 29.8 44.8

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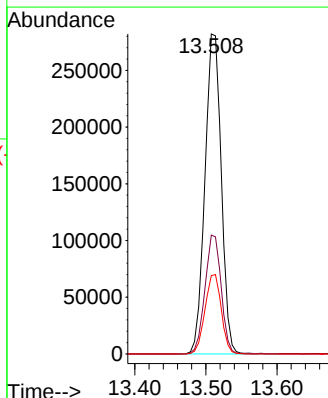
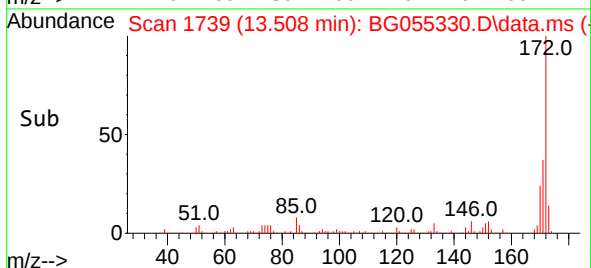
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022

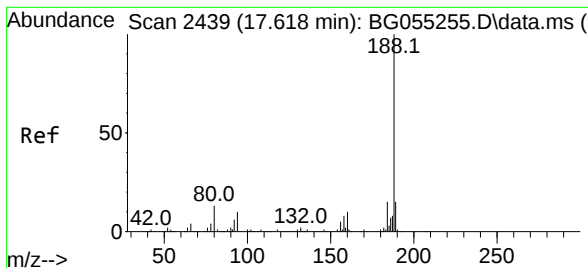


#45
2-Fluorobiphenyl
Concen: 59.737 ng
RT: 13.508 min Scan# 1739
Delta R.T. -0.010 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23



Tgt Ion:172 Resp: 450071
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 20.2 30.2





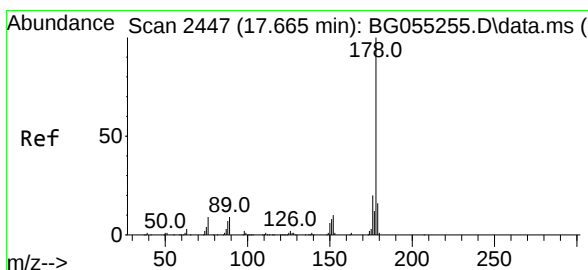
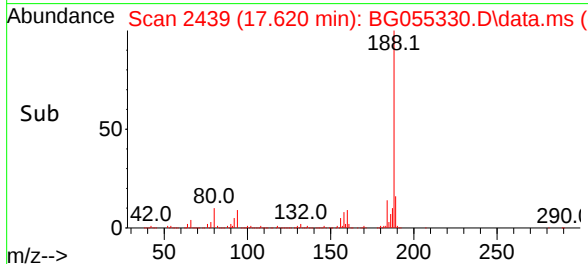
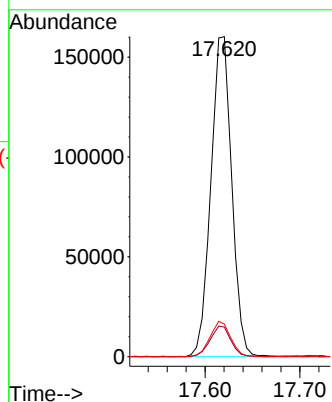
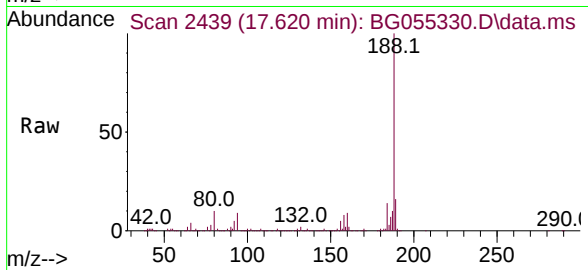
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.620 min Scan# 2439
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:188 Resp: 245256
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.4
80 10.2 10.1 15.1

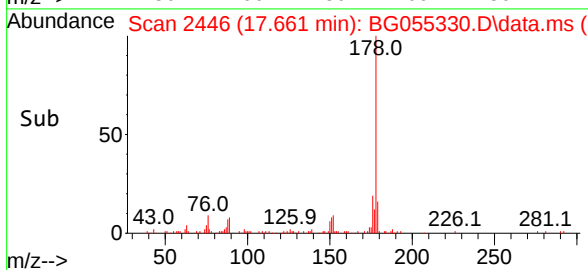
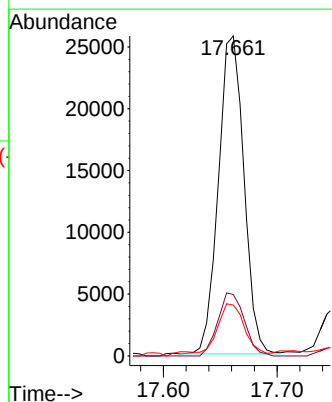
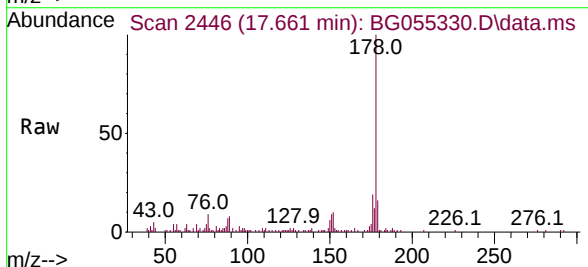
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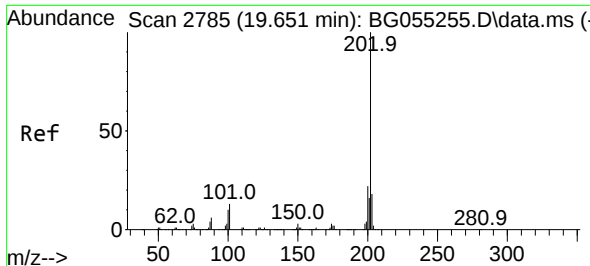
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#71
Phenanthrene
Concen: 3.069 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

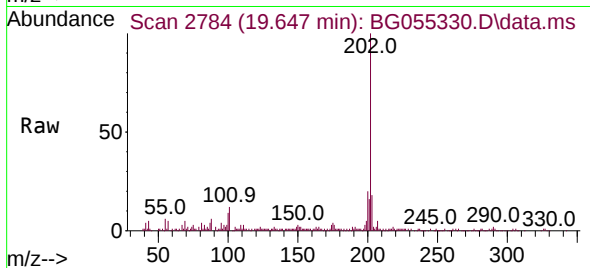
Tgt Ion:178 Resp: 40142
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.9 12.6 19.0





#75
Fluoranthene
Concen: 4.600 ng
RT: 19.647 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

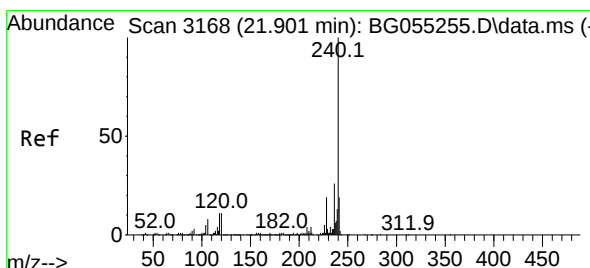
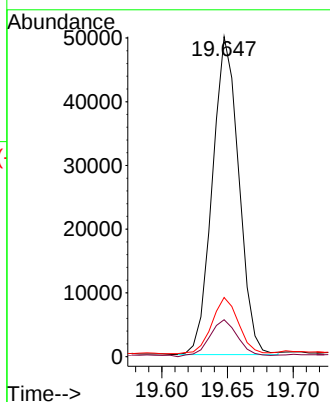
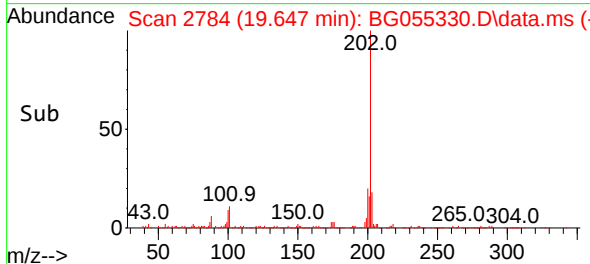
Instrument :
BNA_G
ClientSampleId :
OK-03-102422



Tgt Ion:202 Resp: 70105
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.6
203 18.5 0.0 38.3

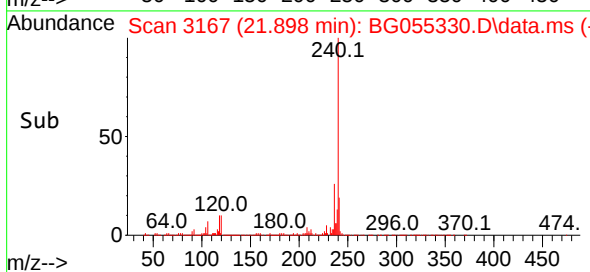
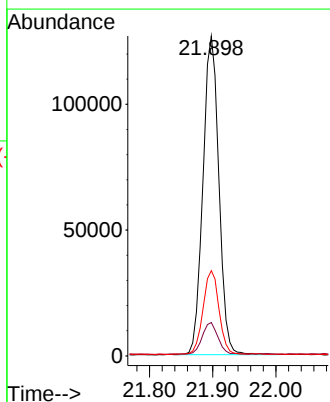
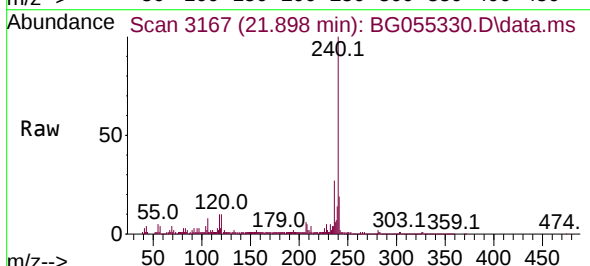
Manual Integrations
APPROVED

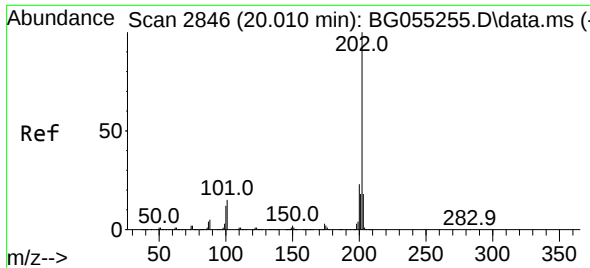
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

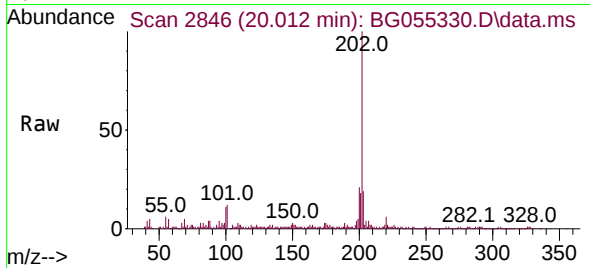
Tgt Ion:240 Resp: 221684
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.6 21.0 31.4





#78
Pyrene
Concen: 6.032 ng
RT: 20.012 min Scan# 2846
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

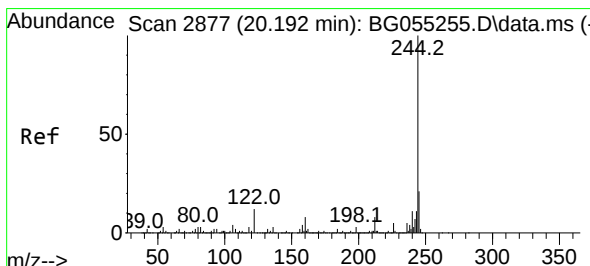
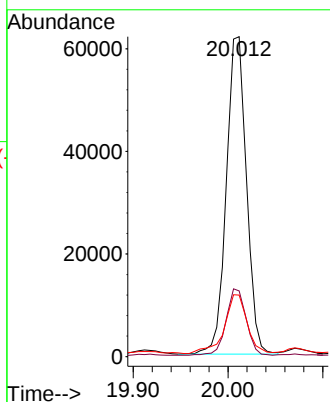
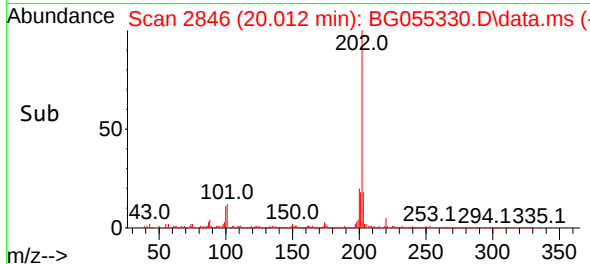
Instrument :
BNA_G
ClientSampleId :
OK-03-102422



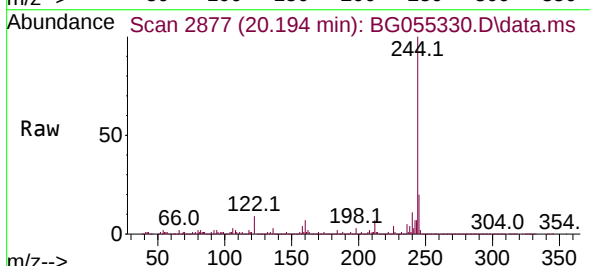
Tgt Ion:202 Resp: 91658
Ion Ratio Lower Upper
202 100
200 20.5 18.0 27.0
203 19.2 14.3 21.5

Manual Integrations
APPROVED

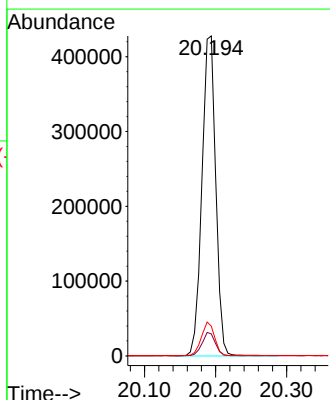
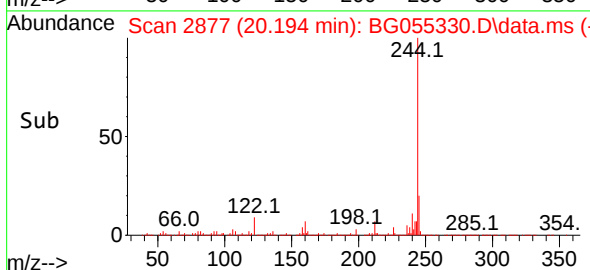
Reviewed By :Christian Giraldo 10/28/2022
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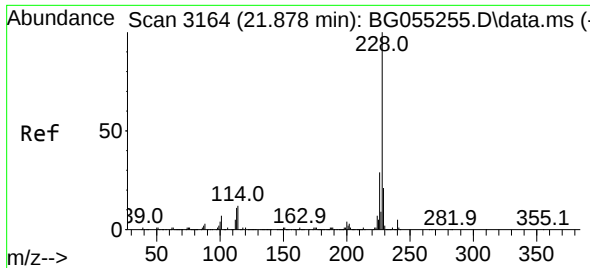


#79
Terphenyl-d14
Concen: 53.859 ng
RT: 20.194 min Scan# 2877
Delta R.T. 0.002 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23



Tgt Ion:244 Resp: 574658
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.3 9.6 14.4#





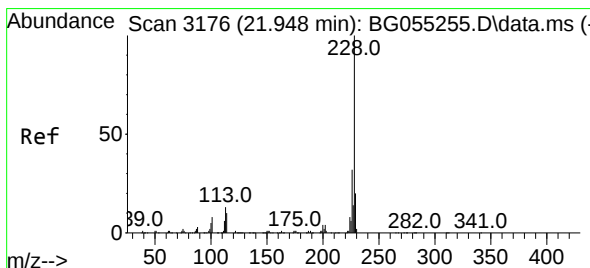
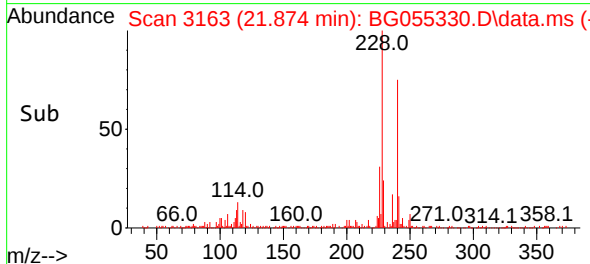
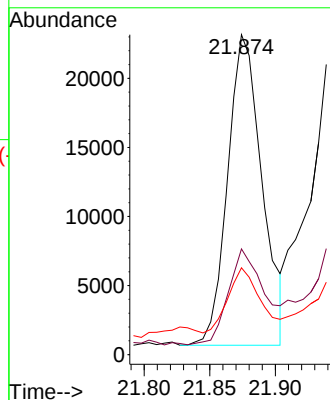
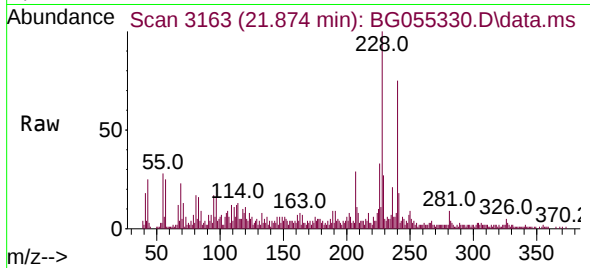
#81
Benzo(a)anthracene
Concen: 2.752 ng
RT: 21.874 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :
BNA_G
ClientSampleId :
OK-03-102422

Tgt Ion:228 Resp: 40963
Ion Ratio Lower Upper
228 100
226 33.0 22.9 34.3
229 27.1 16.7 25.1

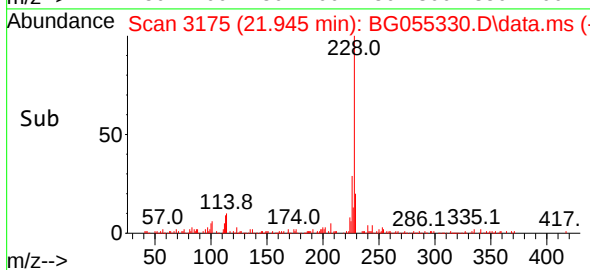
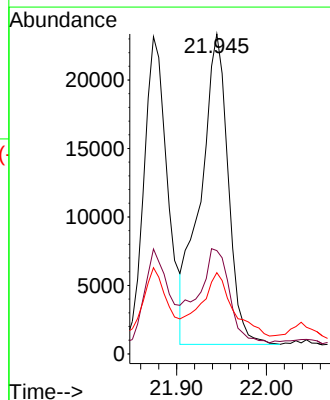
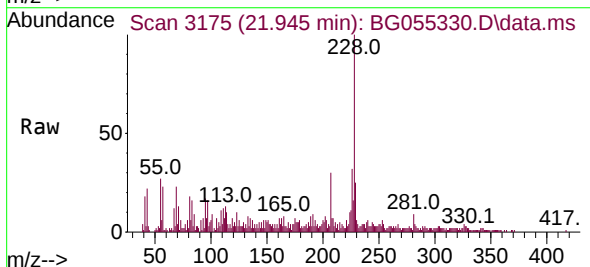
Manual Integrations
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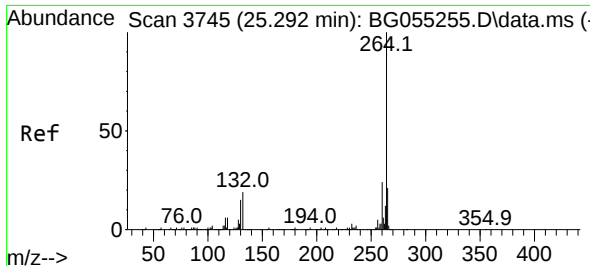
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#83
Chrysene
Concen: 3.442 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.004 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:228 Resp: 48673
Ion Ratio Lower Upper
228 100
226 32.3 25.8 38.8
229 25.4 16.3 24.5





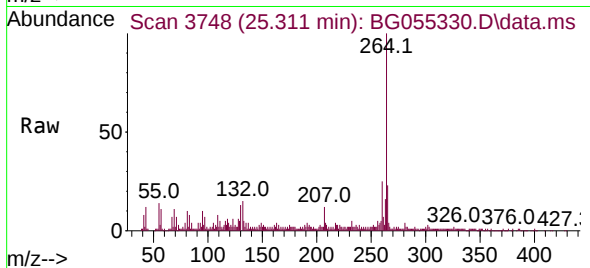
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.311 min Scan# 31
Delta R.T. 0.020 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Instrument :

BNA_G

ClientSampleId :

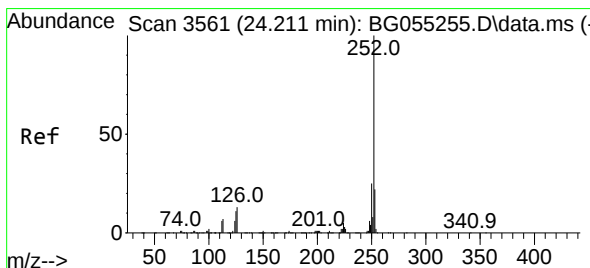
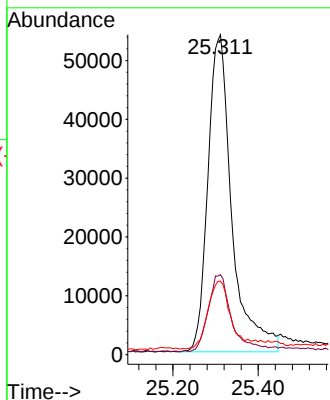
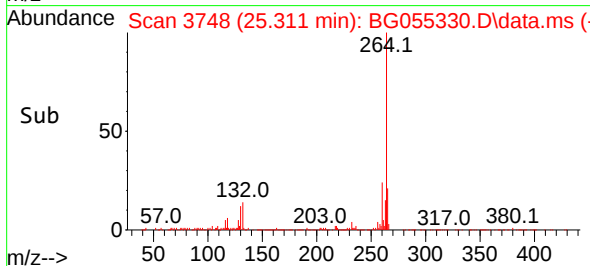
OK-03-102422



Tgt Ion:264 Resp: 210589
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 23.0 17.4 26.2

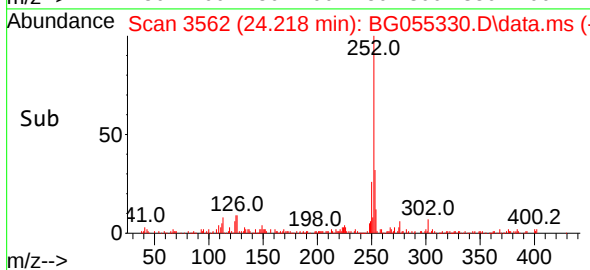
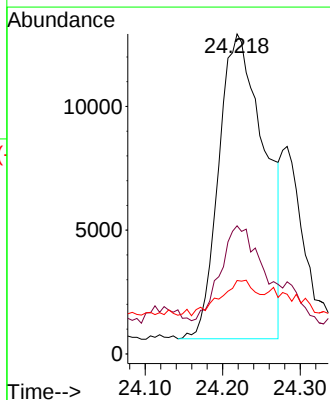
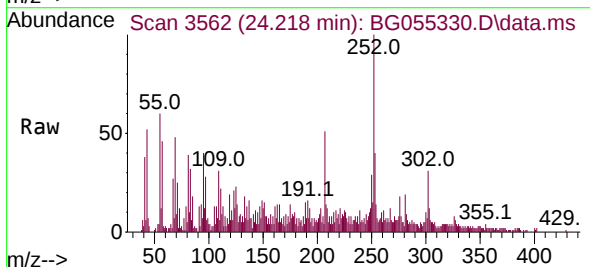
Manual Integrations
APPROVED

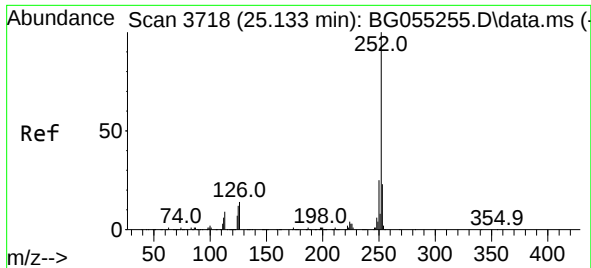
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#88
Benzo(b)fluoranthene
Concen: 3.977 ng
RT: 24.218 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG055330.D
Acq: 27 Oct 2022 19:23

Tgt Ion:252 Resp: 50381
Ion Ratio Lower Upper
252 100
253 40.0 17.6 26.4#
125 22.9 9.0 13.4#





#90

Benzo(a)pyrene

Concen: 3.385 ng

RT: 25.141 min Scan# 31

Delta R.T. 0.008 min

Lab File: BG055330.D

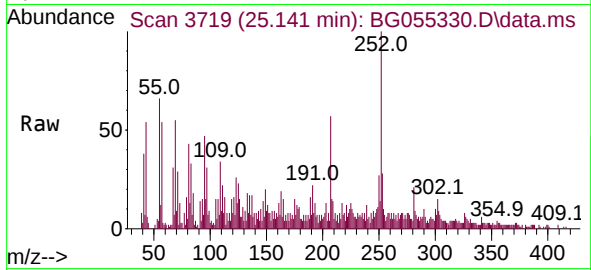
Acq: 27 Oct 2022 19:23

Instrument :

BNA_G

ClientSampleId :

OK-03-102422



Tgt Ion:252 Resp: 36768

Ion Ratio Lower Upper

252 100

253 27.6 18.2 27.2

125 23.5 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022

Supervised By :mohammad ahmed 11/02/2022

