

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055187.D
 Acq On : 14 Oct 2022 21:10
 Operator : CG/JU
 Sample : N5135-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-1-101322

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

Quant Time: Oct 17 04:31:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	41399	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	166663	20.000	ng	0.00
39) Acenaphthene-d10	14.915	164	102436	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	205440	20.000	ng	0.00
76) Chrysene-d12	21.936	240	184284	20.000	ng	0.01
86) Perylene-d12	25.373	264	143754	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	196253	92.747	ng	0.00
7) Phenol-d6	7.441	99	258258	82.507	ng	0.00
23) Nitrobenzene-d5	9.474	82	162614	52.322	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	119316	81.063	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	407422	64.972	ng	0.00
79) Terphenyl-d14	20.220	244	548794	59.977	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.680	202	55419	4.160	ng	97
78) Pyrene	20.038	202	70800	5.763	ng	97
81) Benzo(a)anthracene	21.912	228	37442	3.176	ng	# 87
83) Chrysene	21.983	228	43534m	3.914	ng	
88) Benzo(b)fluoranthene	24.280	252	38399	4.482	ng	# 35
90) Benzo(a)pyrene	25.208	252	23661	3.229	ng	# 65

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

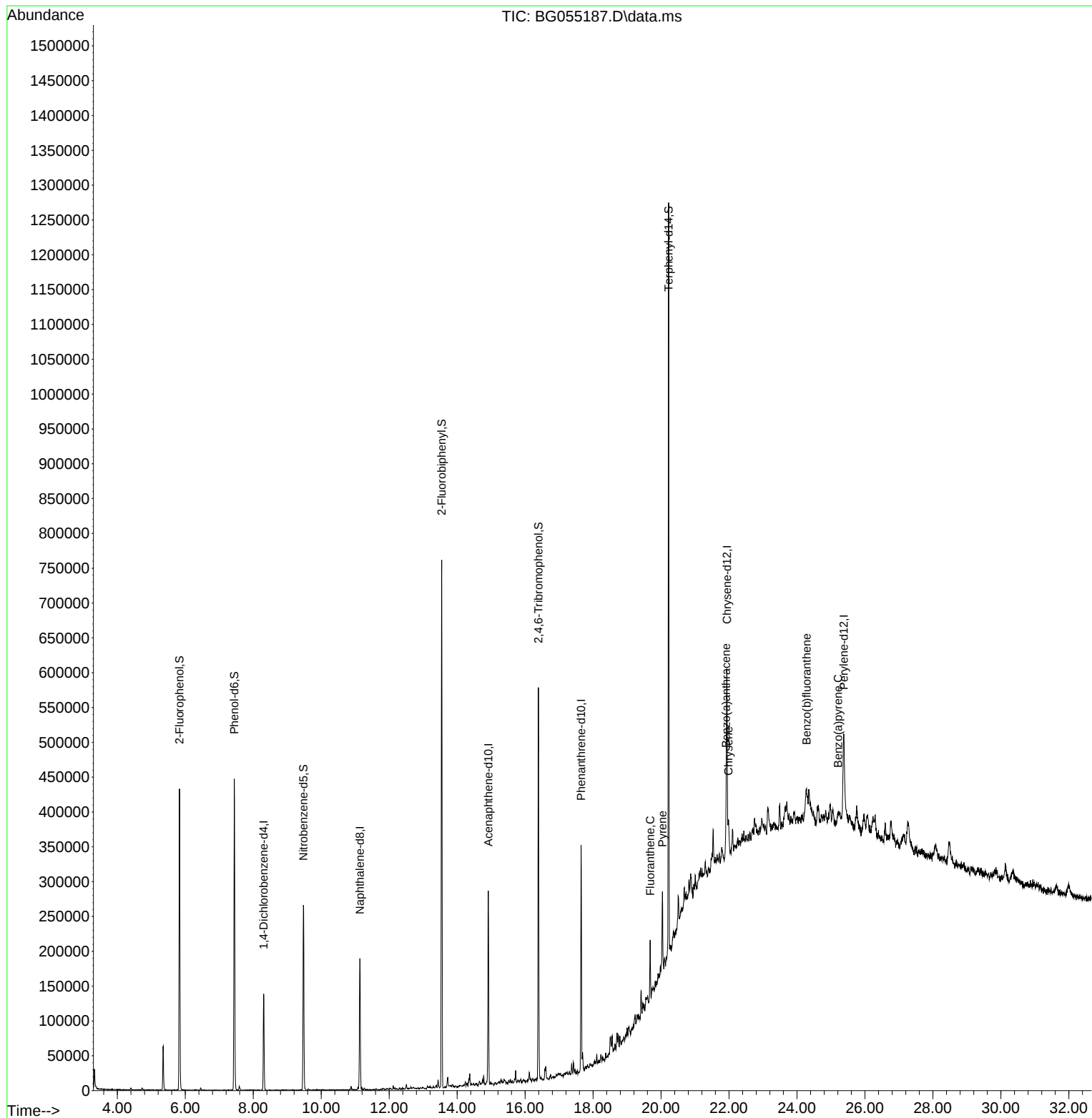
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
Data File : BG055187.D
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Sample : N5135-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

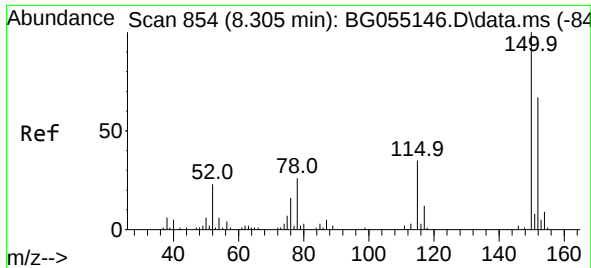
Instrument :
BNA_G
ClientSampleId :
OK-1-101322

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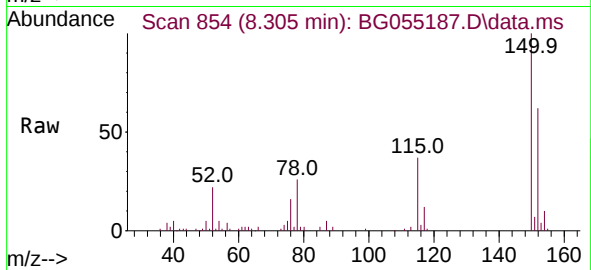
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 854
Delta R.T. -0.000 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

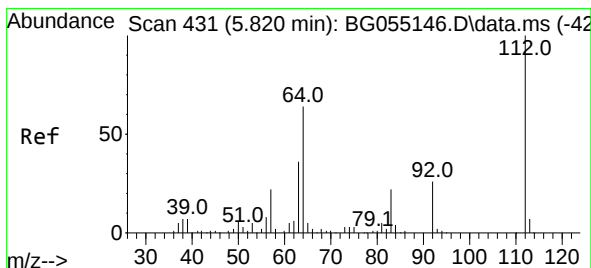
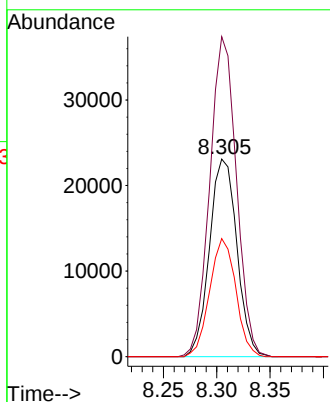
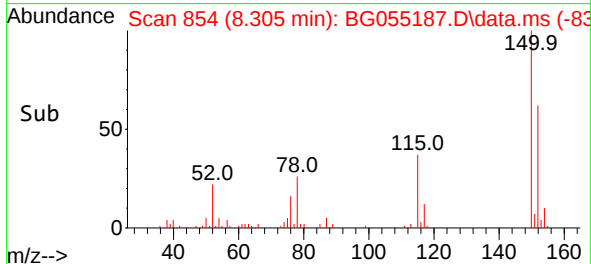
OK-1-101322



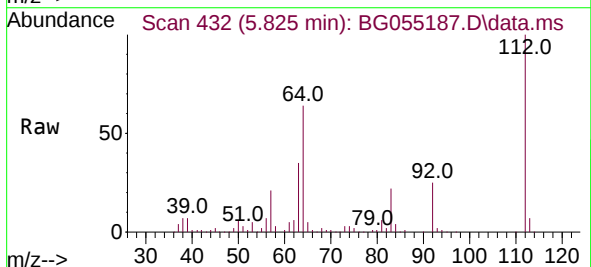
Tgt Ion:152 Resp: 41399
Ion Ratio Lower Upper
152 100
150 161.9 119.7 179.5
115 59.7 42.4 63.6

Manual Integrations
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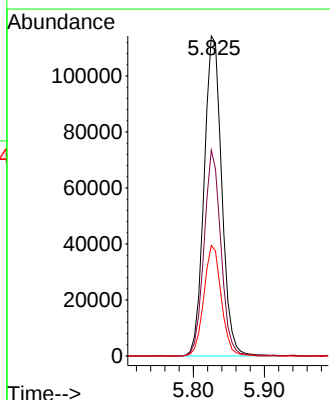
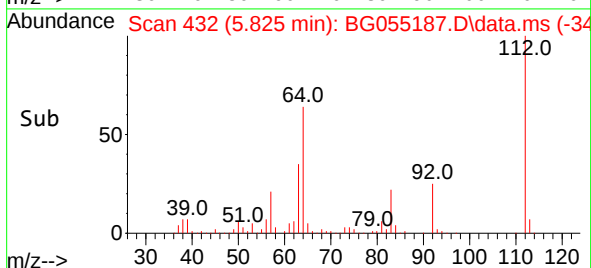
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

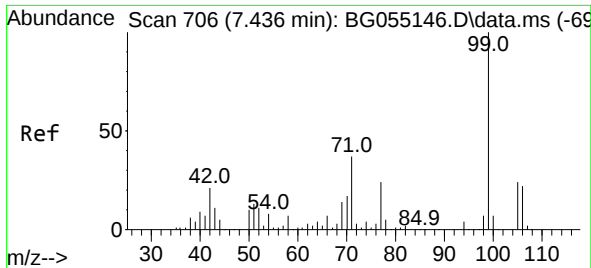


#5
2-Fluorophenol
Concen: 92.747 ng
RT: 5.825 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10



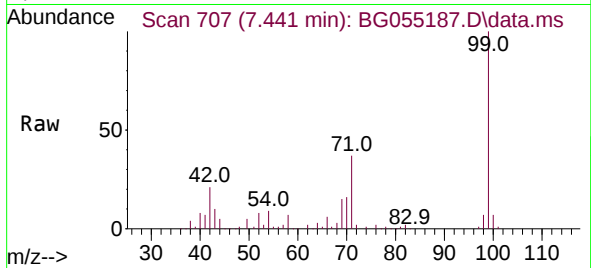
Tgt Ion:112 Resp: 196253
Ion Ratio Lower Upper
112 100
64 64.3 50.9 76.3
63 34.5 29.0 43.6





#7
Phenol-d6
Concen: 82.507 ng
RT: 7.441 min Scan# 706
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

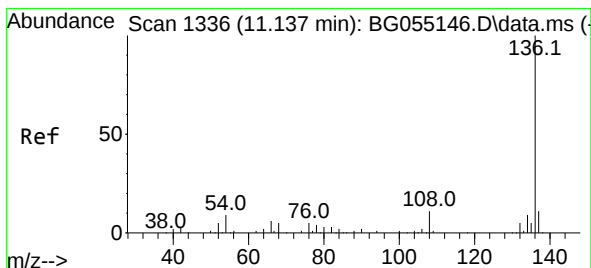
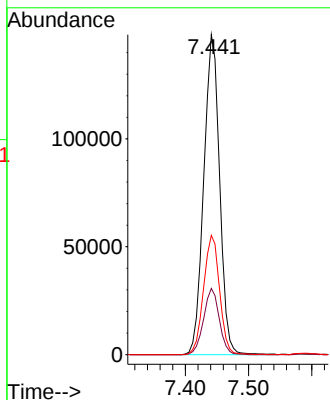
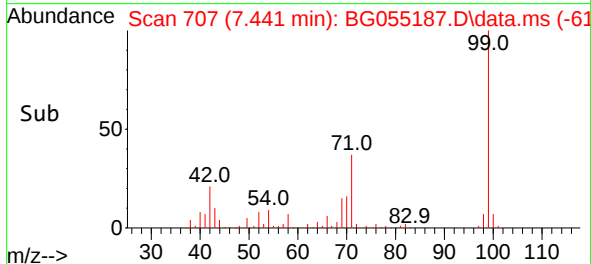
Instrument :
BNA_G
ClientSampleId :
OK-1-101322



Tgt Ion: 99 Resp: 258258
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 37.3 29.6 44.4

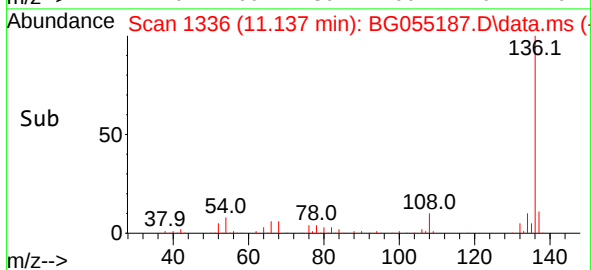
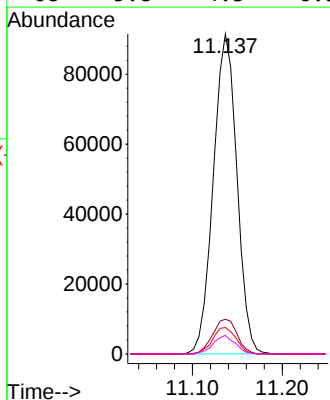
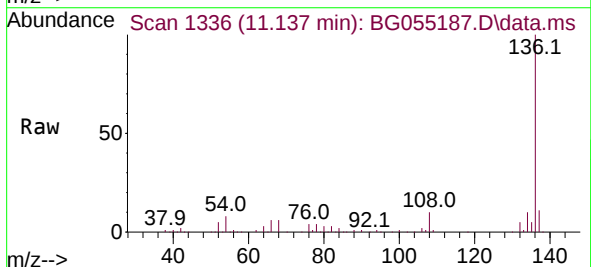
Manual Integrations
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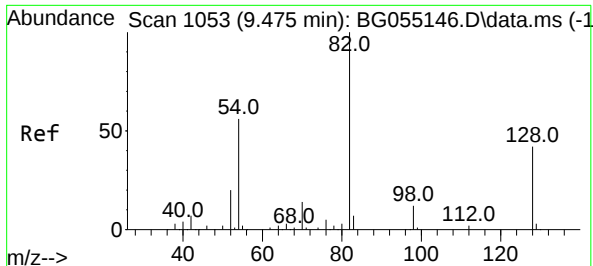
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:136 Resp: 166663
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.2 7.0 10.6
68 5.8 4.3 6.5





#23

Nitrobenzene-d5

Concen: 52.322 ng

RT: 9.474 min Scan# 1053

Delta R.T. -0.001 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322

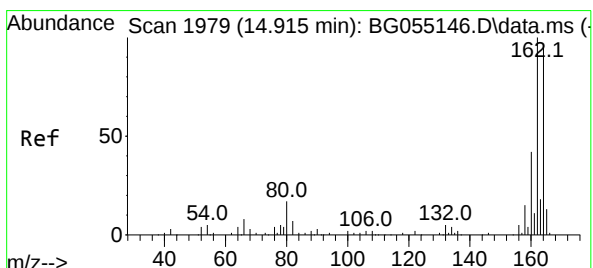
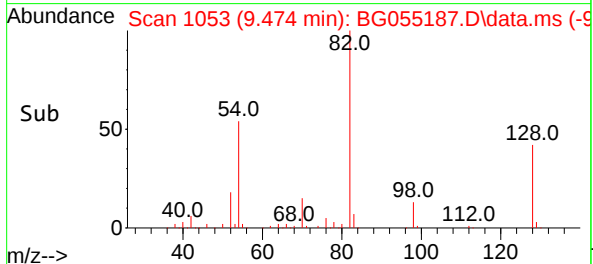
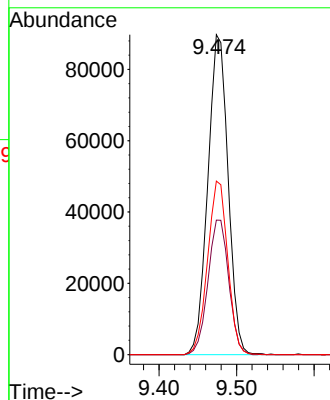
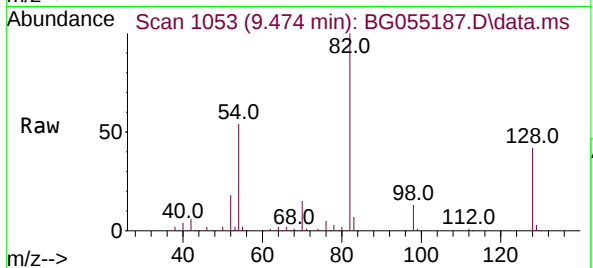
Tgt Ion: 82 Resp: 162614

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.5	50.3
54	54.2	44.7	67.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.915 min Scan# 1979

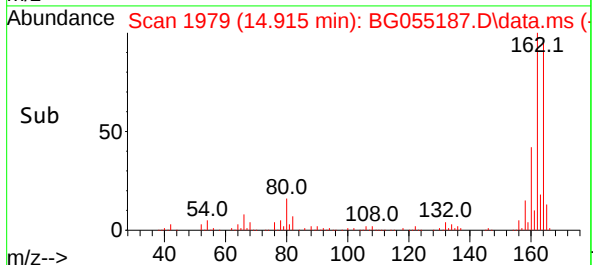
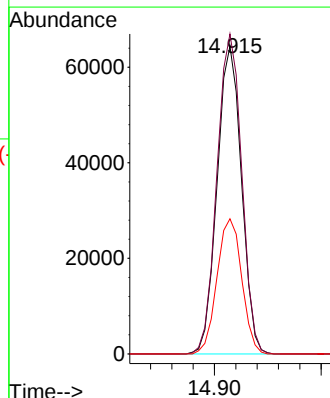
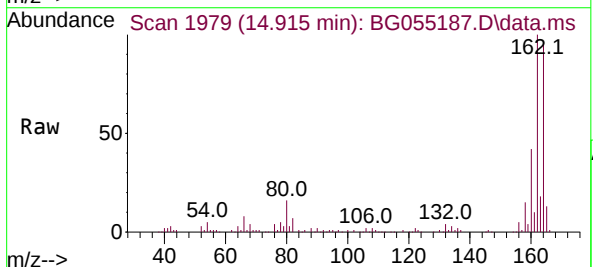
Delta R.T. -0.001 min

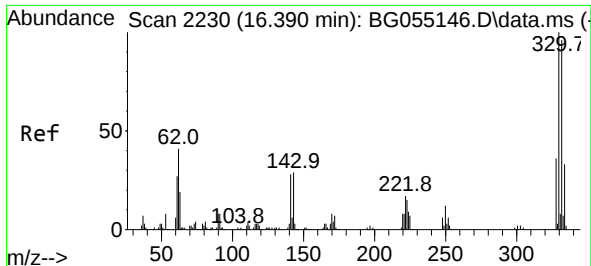
Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Tgt Ion:164 Resp: 102436

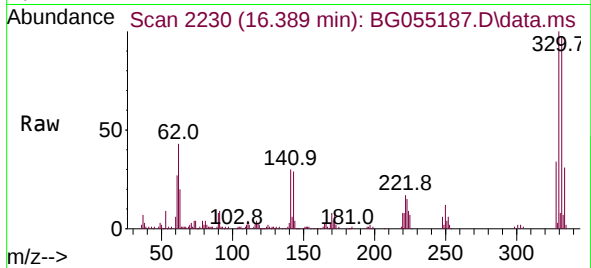
Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.3	124.9
160	43.9	35.3	52.9





#42
2,4,6-Tribromophenol
Concen: 81.063 ng
RT: 16.389 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

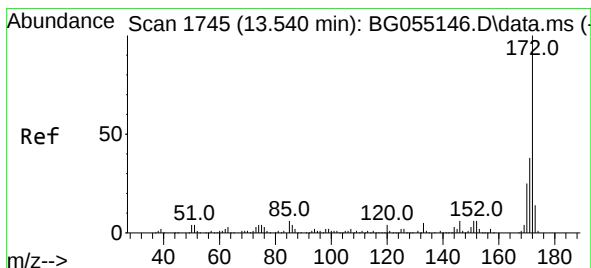
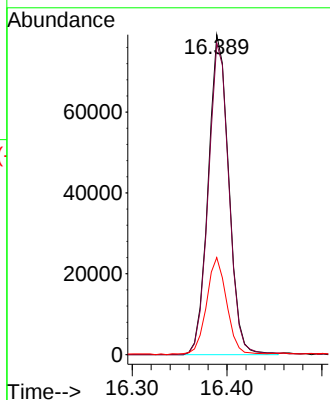
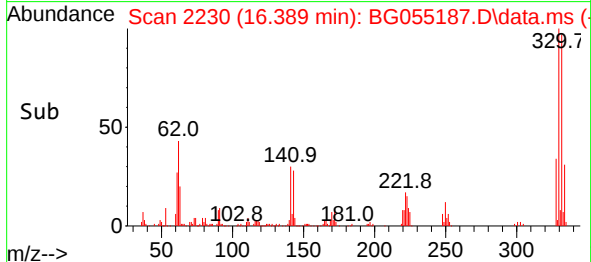
Instrument :
BNA_G
ClientSampleId :
OK-1-101322



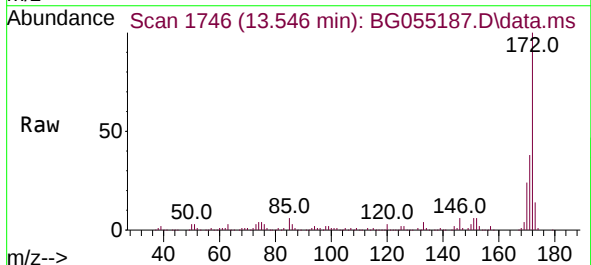
Tgt Ion:330 Resp: 119316
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.4
141 30.0 24.6 36.8

Manual Integrations
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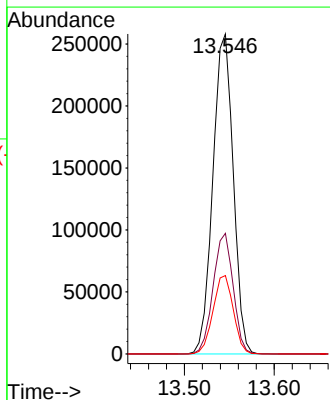
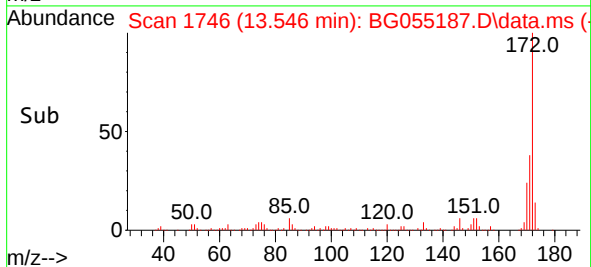
Reviewed By :Christian Giraldo 10/17/2022
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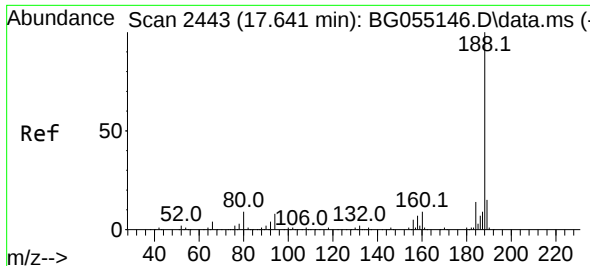


#45
2-Fluorobiphenyl
Concen: 64.972 ng
RT: 13.546 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10



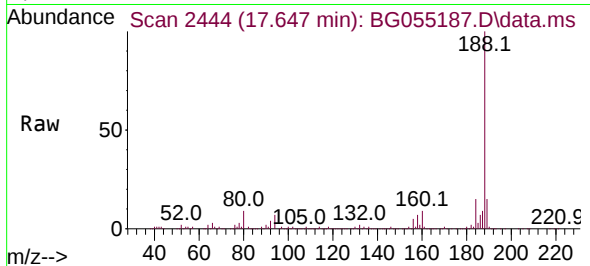
Tgt Ion:172 Resp: 407422
Ion Ratio Lower Upper
172 100
171 37.7 30.1 45.1
170 24.5 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

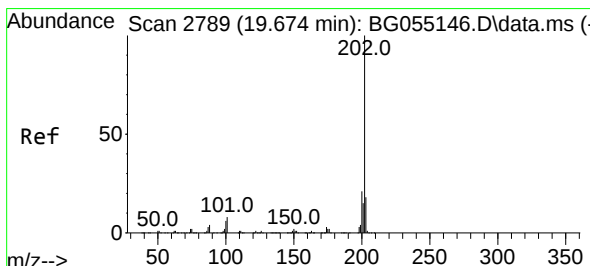
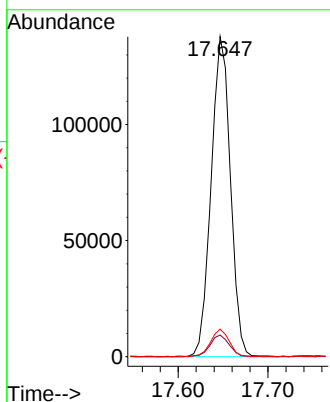
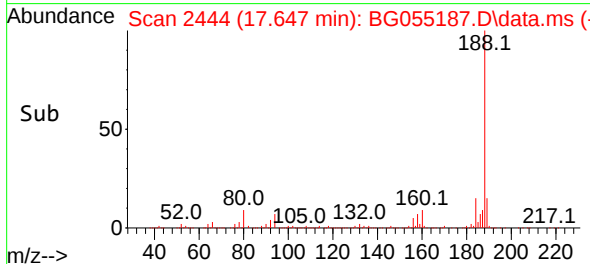
Instrument :
BNA_G
ClientSampleId :
OK-1-101322



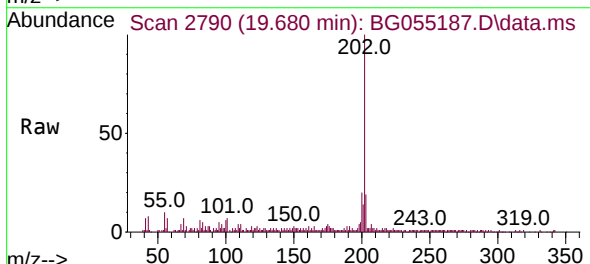
Tgt Ion:188 Resp: 205440
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 8.6 7.0 10.6

Manual Integrations
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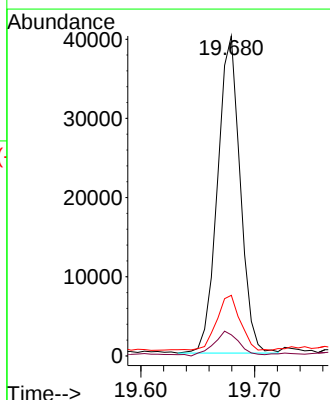
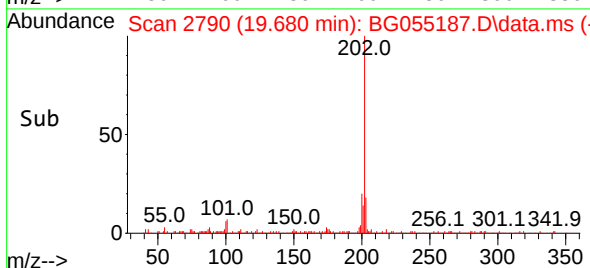
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

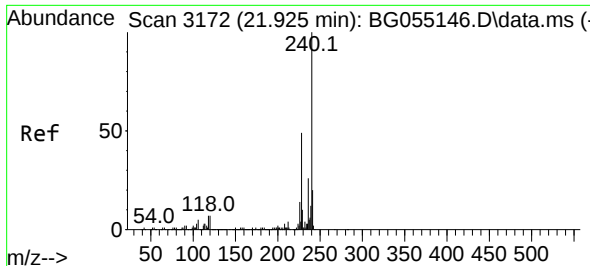


#75
Fluoranthene
Concen: 4.160 ng
RT: 19.680 min Scan# 2790
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10



Tgt Ion:202 Resp: 55419
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.4
203 18.9 0.0 37.8





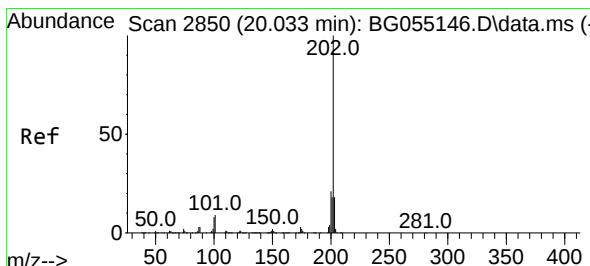
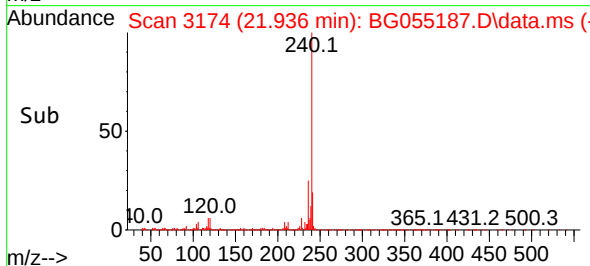
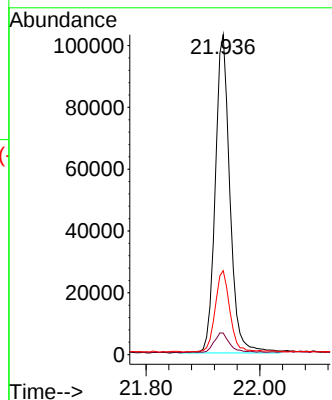
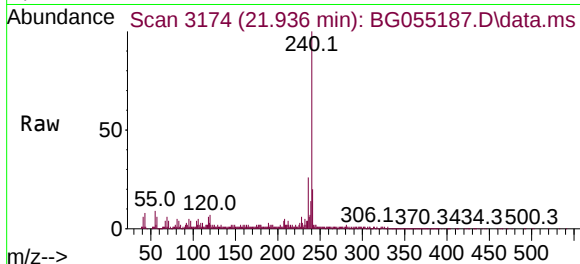
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3172
Delta R.T. 0.011 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Instrument :
BNA_G
ClientSampleId :
OK-1-101322

Tgt Ion:240 Resp: 184284
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 26.2 20.6 31.0

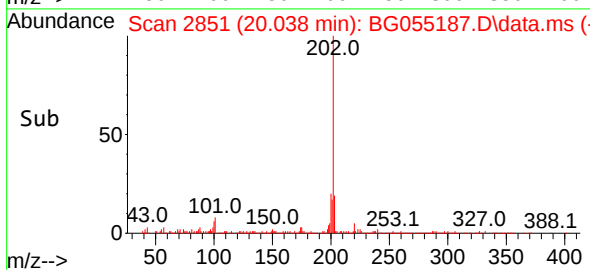
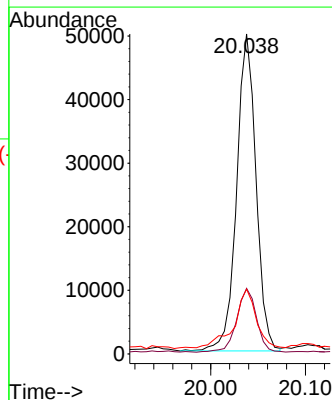
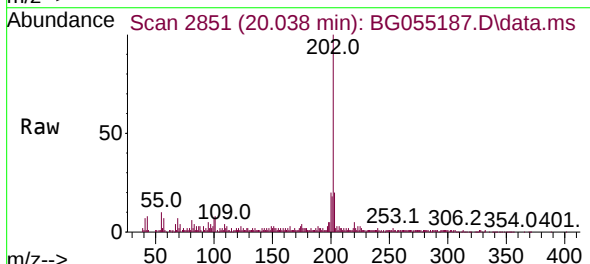
Manual Integrations
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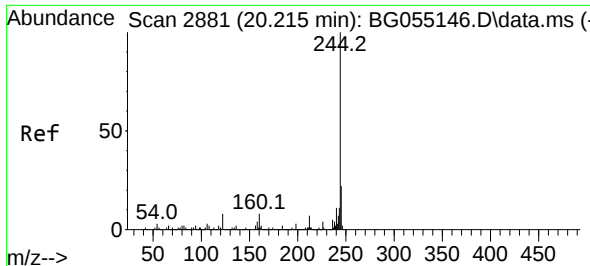
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#78
Pyrene
Concen: 5.763 ng
RT: 20.038 min Scan# 2851
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

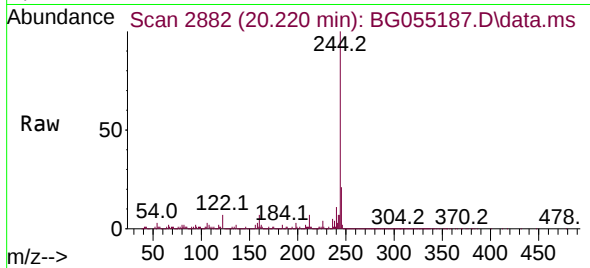
Tgt Ion:202 Resp: 70800
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 20.2 14.4 21.6





#79
Terphenyl-d14
Concen: 59.977 ng
RT: 20.220 min Scan# 2881
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

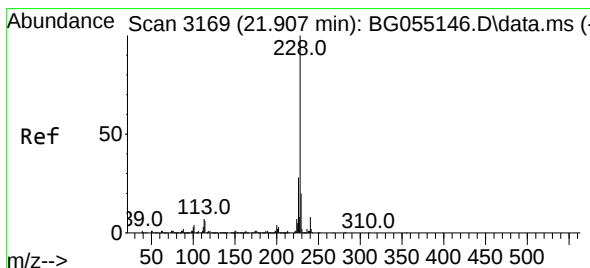
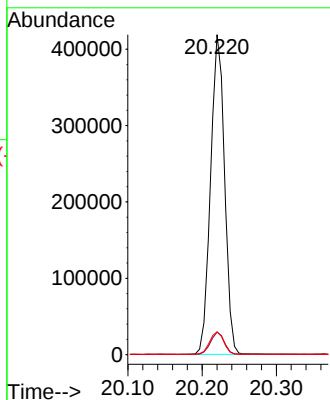
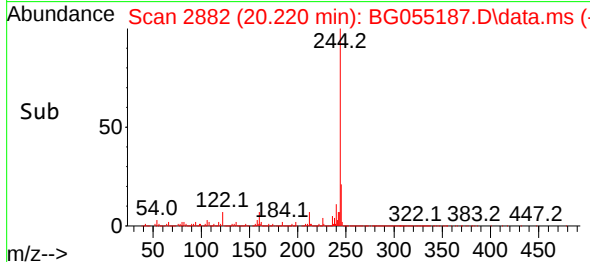
Instrument :
BNA_G
ClientSampleId :
OK-1-101322



Tgt Ion:244 Resp: 548794
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 7.1 6.6 10.0

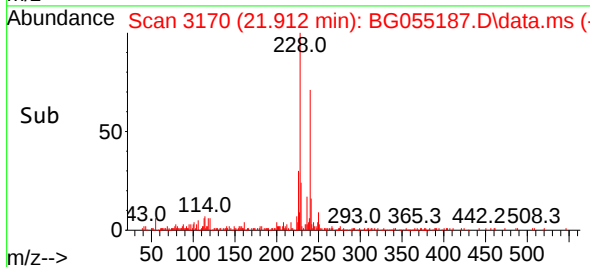
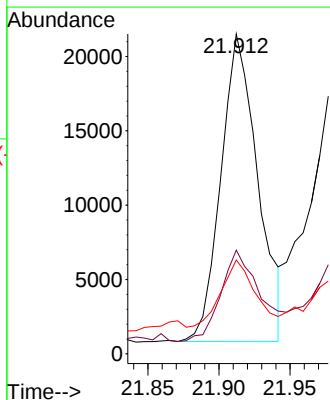
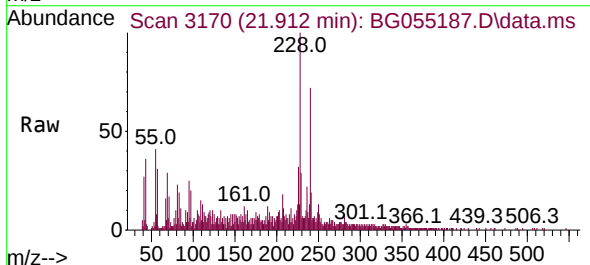
Manual Integrations
APPROVED

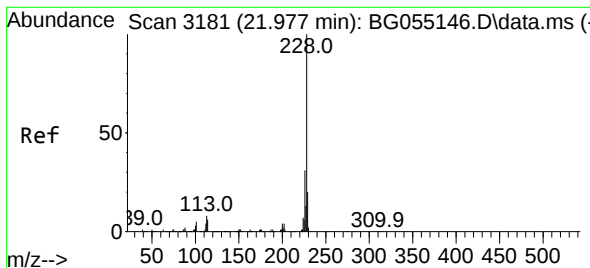
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#81
Benzo(a)anthracene
Concen: 3.176 ng
RT: 21.912 min Scan# 3170
Delta R.T. 0.005 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Tgt Ion:228 Resp: 37442
Ion Ratio Lower Upper
228 100
226 32.4 22.6 34.0
229 29.3 16.2 24.4





#83

Chrysene

Concen: 3.914 ng m

RT: 21.983 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

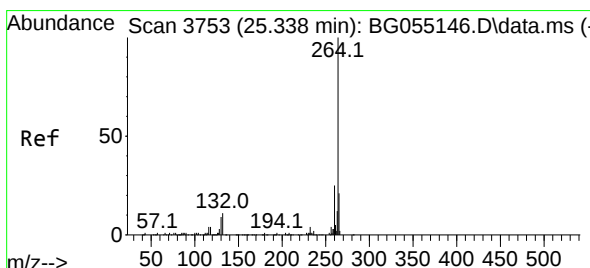
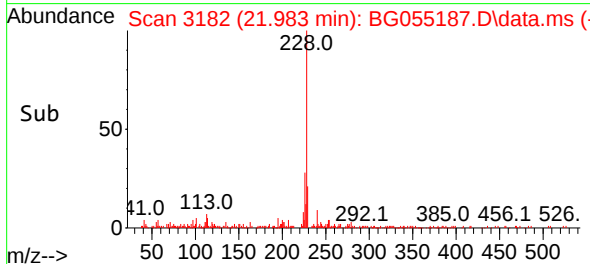
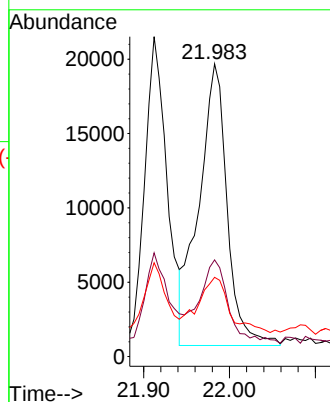
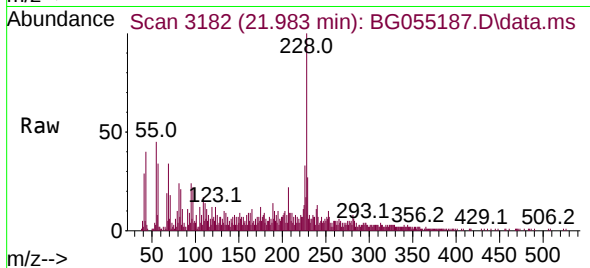
OK-1-101322

Tgt Ion:	228	Resp:	43534
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.1	37.7
229	27.1	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#86

Perylene-d12

Concen: 20.000 ng

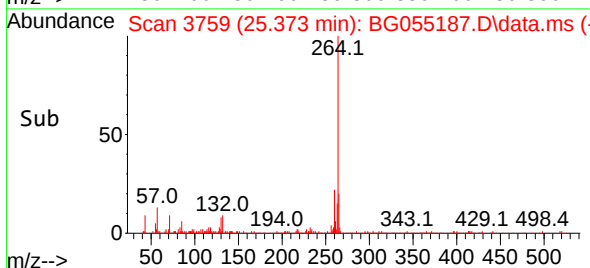
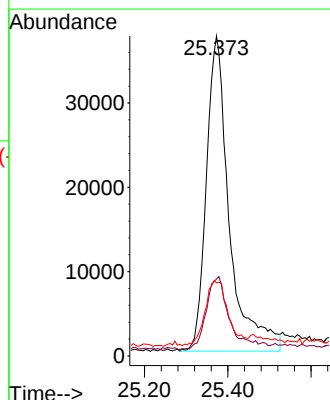
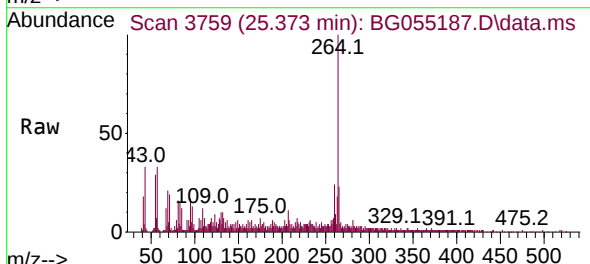
RT: 25.373 min Scan# 3759

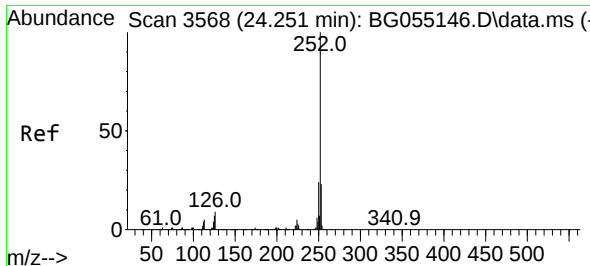
Delta R.T. 0.035 min

Lab File: BG055187.D

Acq: 14 Oct 2022 21:10

Tgt Ion:	264	Resp:	143754
Ion Ratio	Lower	Upper	
264	100		
260	24.0	20.1	30.1
265	22.8	16.8	25.2





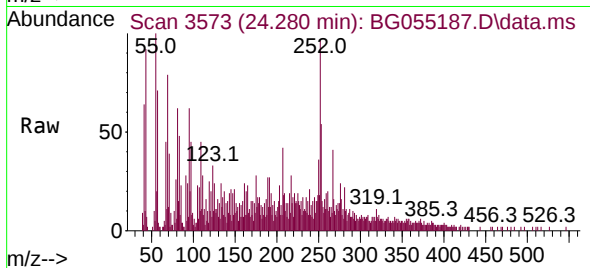
#88
Benzo(b)fluoranthene
Concen: 4.482 ng
RT: 24.280 min Scan# 3568
Delta R.T. 0.029 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10

Instrument :

BNA_G

ClientSampleId :

OK-1-101322

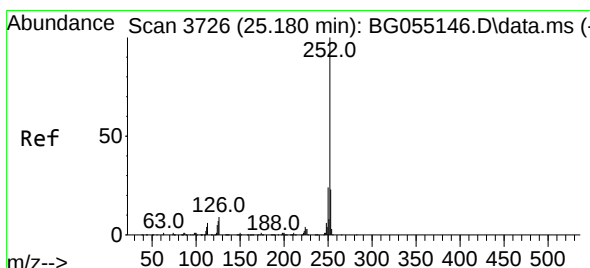
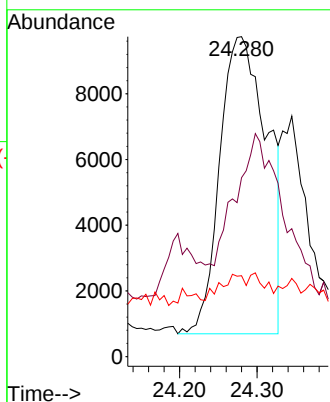
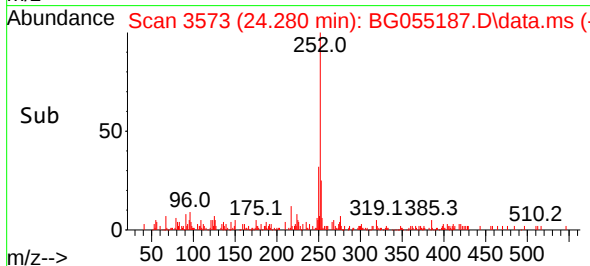


Tgt Ion:252 Resp: 38399
Ion Ratio Lower Upper
252 100
253 55.9 18.2 27.2#
125 25.3 5.7 8.5#

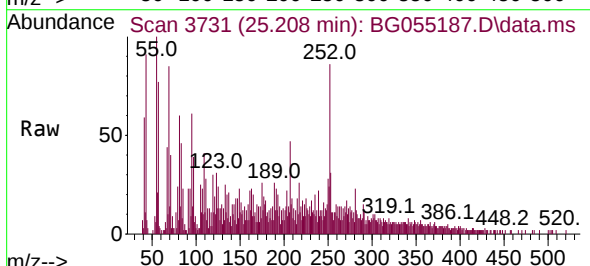
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#90
Benzo(a)pyrene
Concen: 3.229 ng
RT: 25.208 min Scan# 3731
Delta R.T. 0.029 min
Lab File: BG055187.D
Acq: 14 Oct 2022 21:10



Tgt Ion:252 Resp: 23661
Ion Ratio Lower Upper
252 100
253 36.3 18.2 27.2#
125 27.5 5.8 8.8#

