

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053839.D
 Acq On : 7 Jun 2022 15:04
 Operator : CG/JU
 Sample : N3189-03RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-CRX

Quant Time: Jun 08 02:50:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	26581	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	108127	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	79239	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	192628	20.000	ng	0.00
76) Chrysene-d12	21.730	240	200745	20.000	ng	0.00
86) Perylene-d12	25.003	264	205728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	15949	11.018	ng	0.00
7) Phenol-d6	7.236	99	79163	40.373	ng	0.00
23) Nitrobenzene-d5	9.245	82	175369	106.506	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	1889	1.964	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	420906	79.466	ng	0.00
79) Terphenyl-d14	20.062	244	772417	76.547	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.509	202	47703	3.627	ng	95
78) Pyrene	19.868	202	54768	4.290	ng	99
81) Benzo(a)anthracene	21.713	228	33293m	2.498	ng	
83) Chrysene	21.777	228	31879	2.534	ng	96
88) Benzo(b)fluoranthene	23.963	252	46393	3.632	ng	# 99
90) Benzo(a)pyrene	24.844	252	39421	3.650	ng	# 95
92) Benzo(g,h,i)perylene	29.891	276	26229	2.124	ng	# 92

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

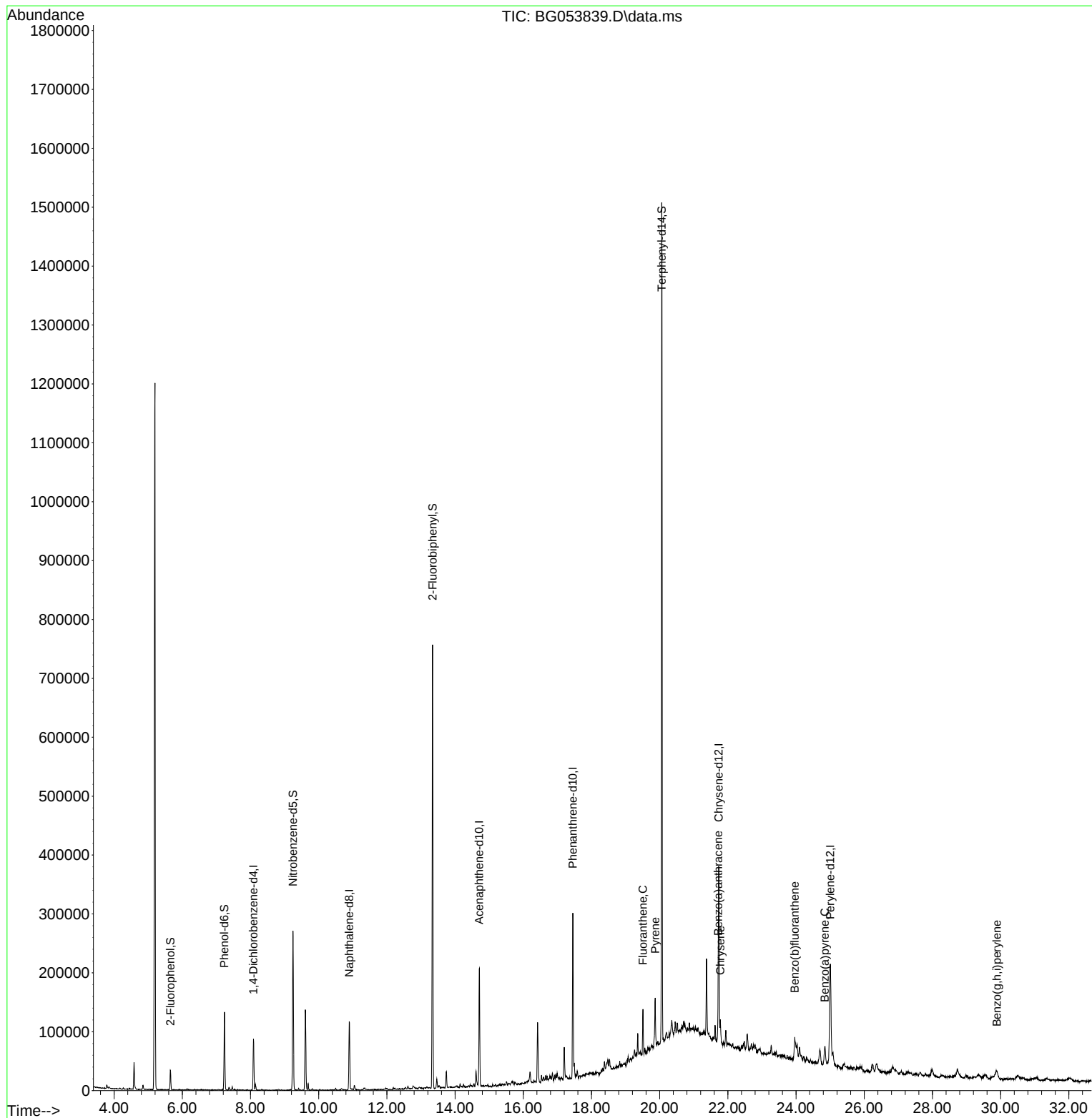
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
Data File : BG053839.D
Acq On : 7 Jun 2022 15:04
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Misc :
ALS Vial : 5 Sample Multiplier: 1

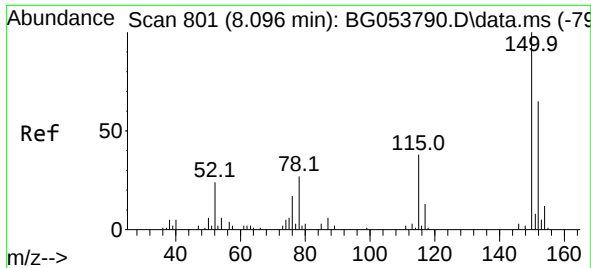
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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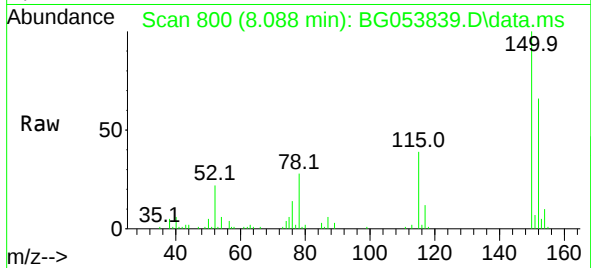
Reviewed By : Christian Giraldo 06/08/2022
Supervised By : Jagrut Upadhyay 06/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 801
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

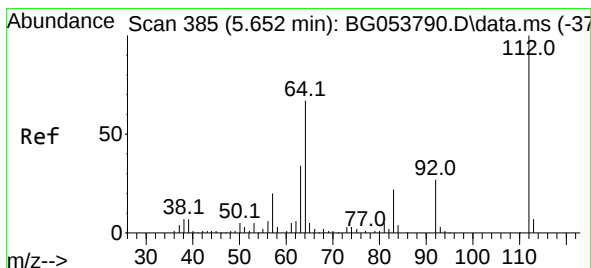
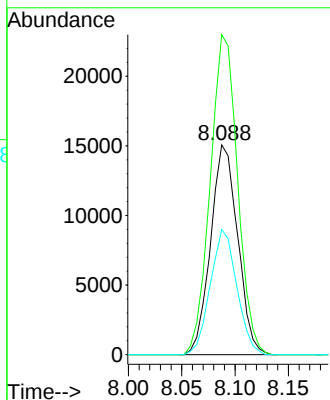
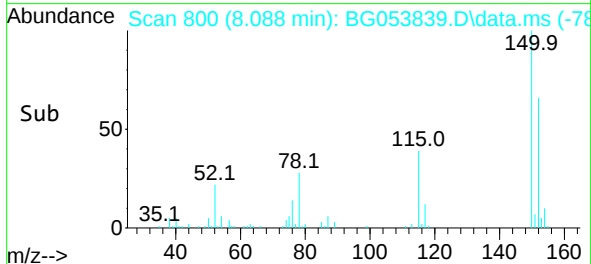
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX



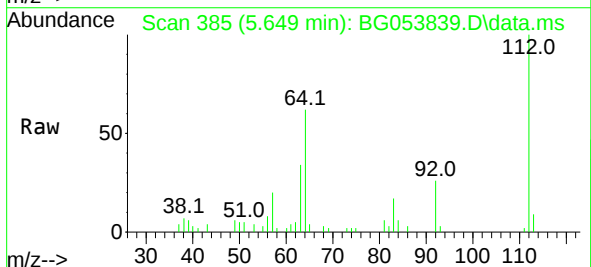
Tgt Ion:152 Resp: 2658
Ion Ratio Lower Upper
152 100
150 152.5 131.6 197.4
115 59.7 50.9 76.3

Manual Integrations
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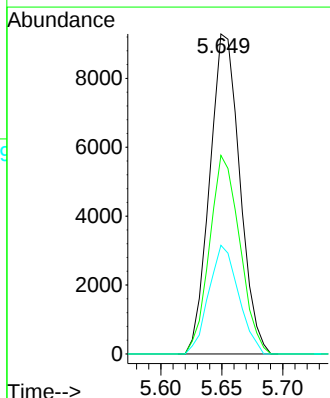
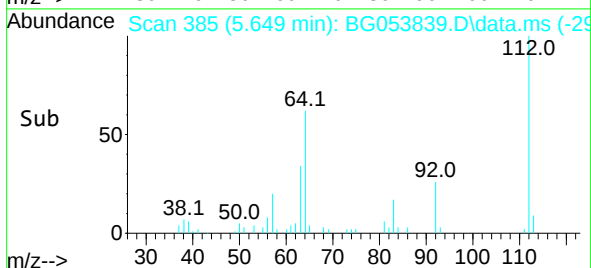
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

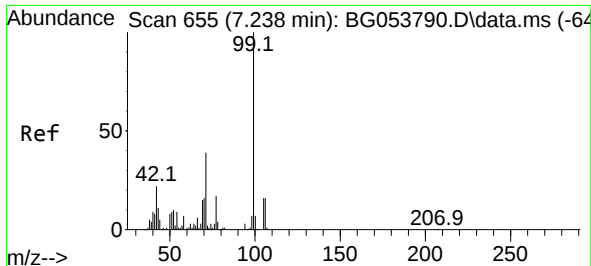


#5
2-Fluorophenol
Concen: 11.018 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



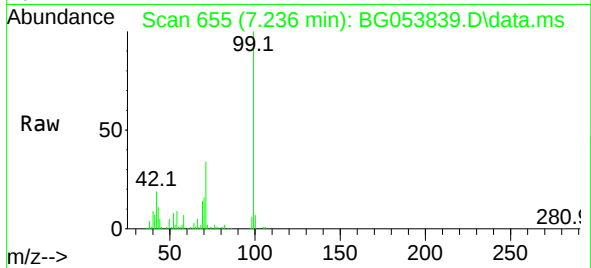
Tgt Ion:112 Resp: 15949
Ion Ratio Lower Upper
112 100
64 62.1 55.1 82.7
63 33.9 30.4 45.6





#7
Phenol-d6
Concen: 40.373 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

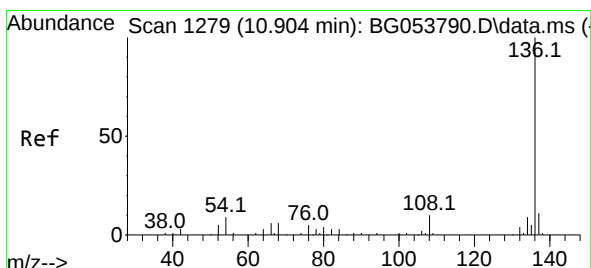
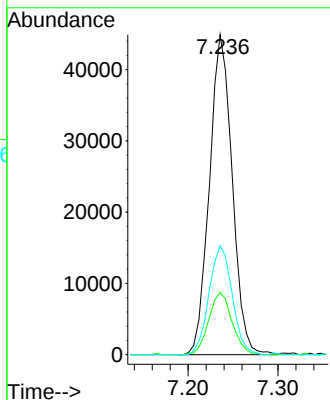
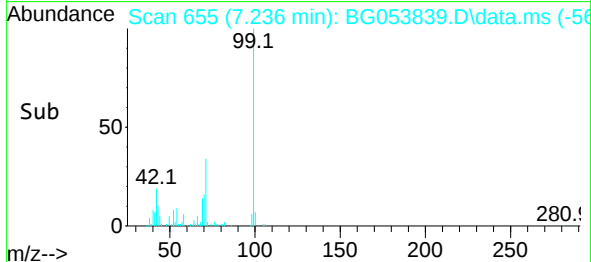
Instrument :
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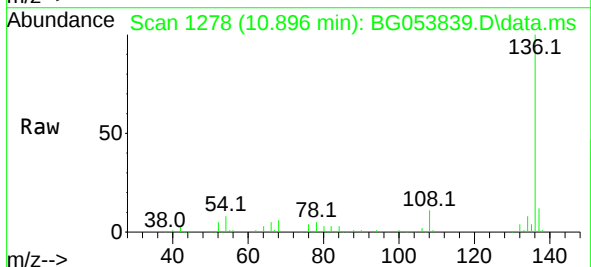
Tgt Ion: 99 Resp: 7916
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 34.0 33.8 50.8

Manual Integrations
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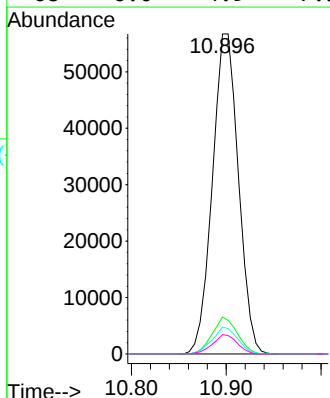
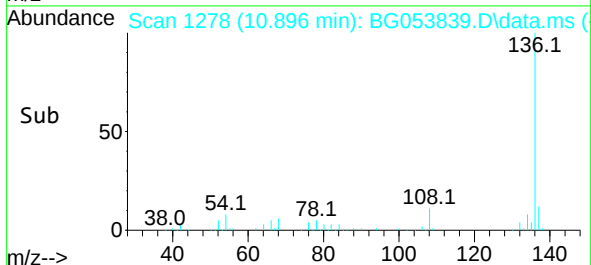
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

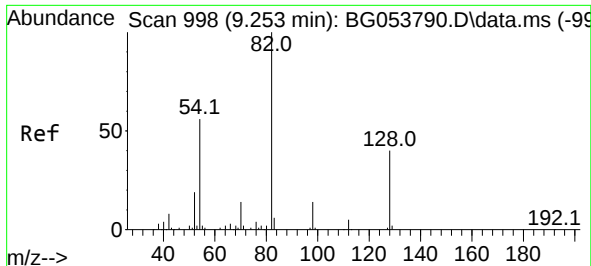


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.896 min Scan# 1278
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



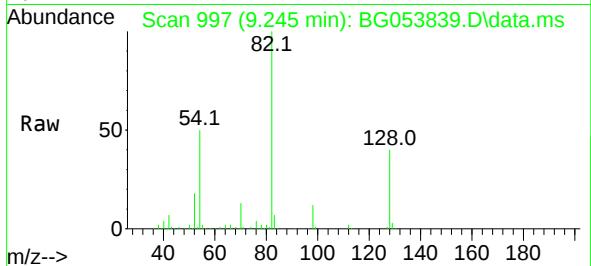
Tgt Ion:136 Resp: 108127
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 8.4 7.4 11.2
68 6.0 4.9 7.3





#23
Nitrobenzene-d5
Concen: 106.506 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

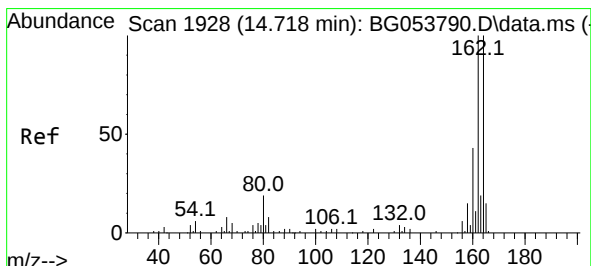
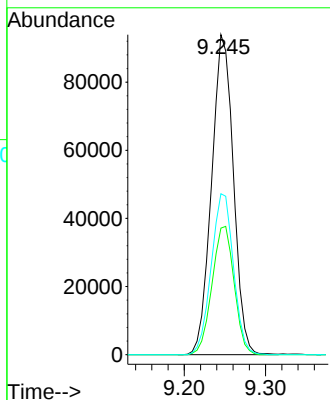
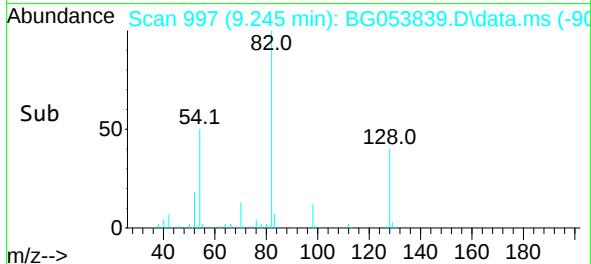
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX



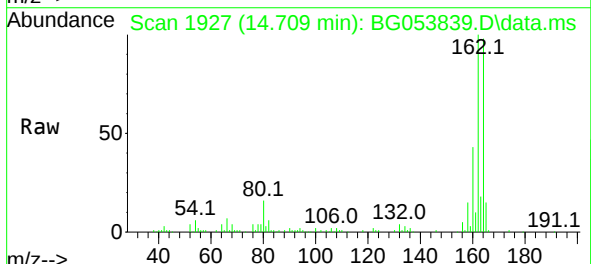
Tgt Ion: 82 Resp: 175369
Ion Ratio Lower Upper
82 100
128 39.5 27.9 41.9
54 50.3 41.2 61.8

Manual Integrations
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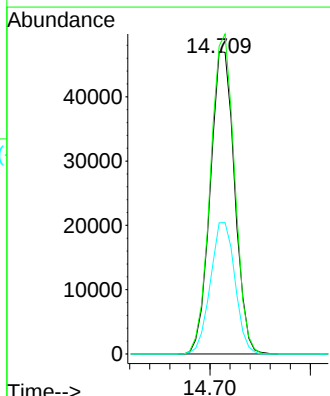
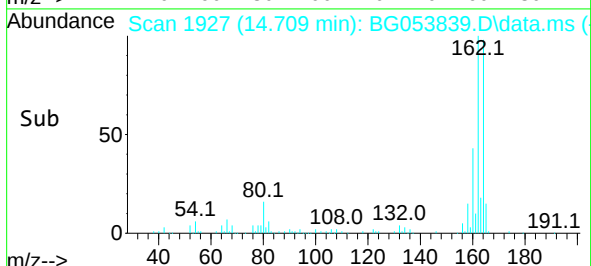
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



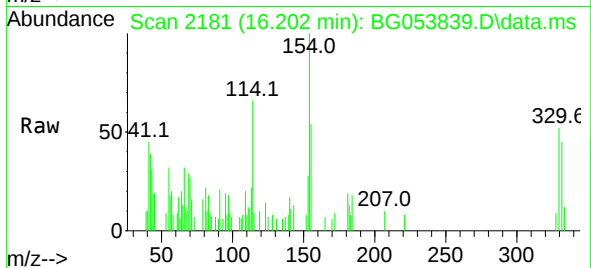
Tgt Ion:164 Resp: 79239
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 43.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 1.964 ng
RT: 16.202 min Scan# 2180
Delta R.T. 0.004 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

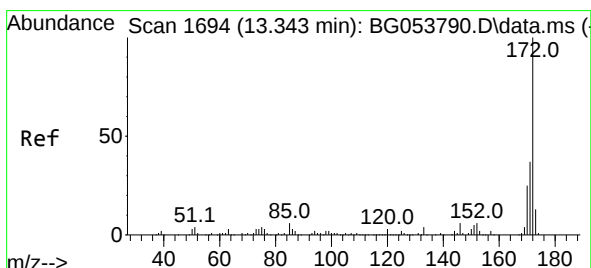
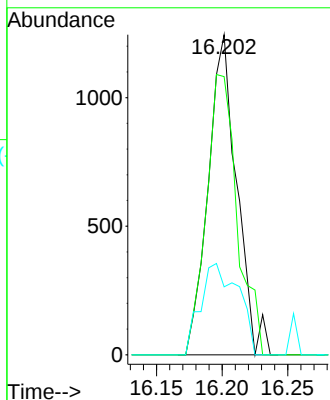
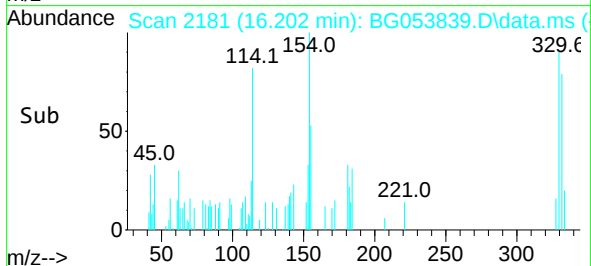
Instrument :
BNA_G
ClientSampleId :
20220423-AMENDED-COMPOSITE-CRX



Tgt Ion:330 Resp: 1889
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 37.6 27.1 40.7

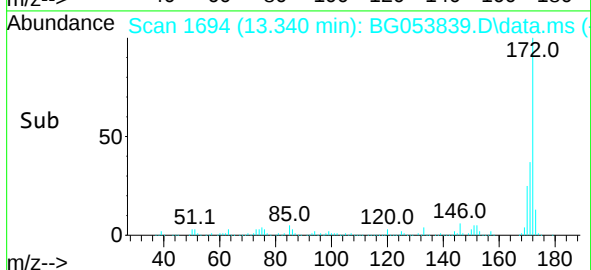
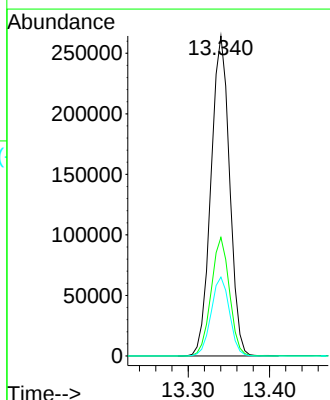
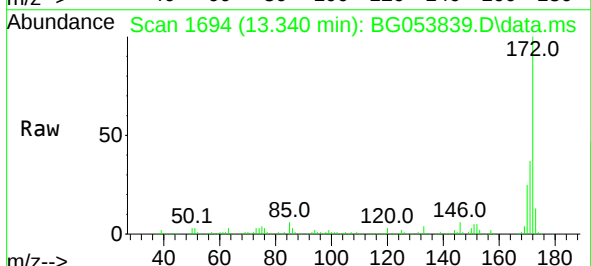
Manual Integrations
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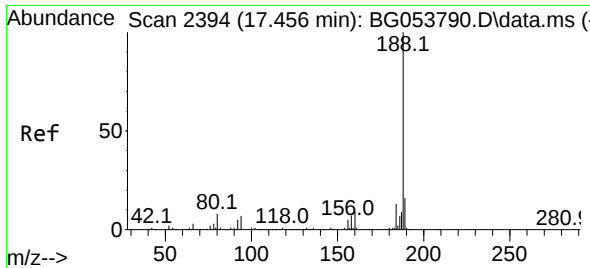
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022



#45
2-Fluorobiphenyl
Concen: 79.466 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

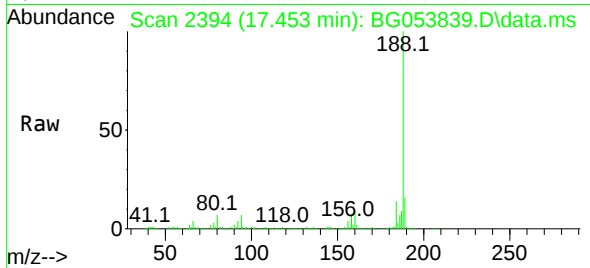
Tgt Ion:172 Resp: 420906
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 24.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

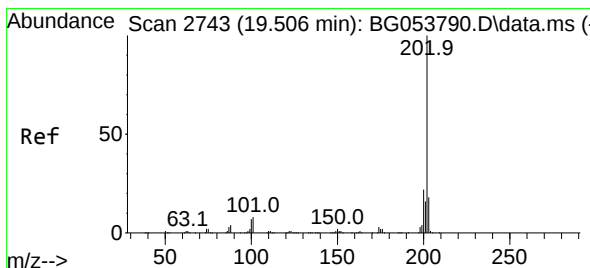
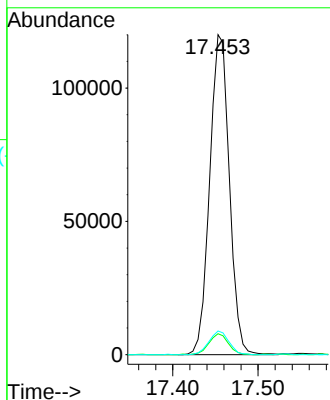
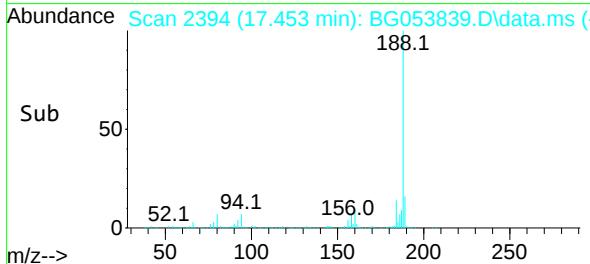
Instrument : BNA_G
ClientSampleId : 20220423-AMENDED-COMPOSITE-CRX



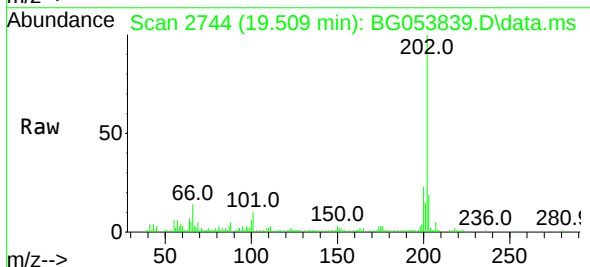
Tgt Ion:188 Resp: 192628
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.4 6.8 10.2

Manual Integrations
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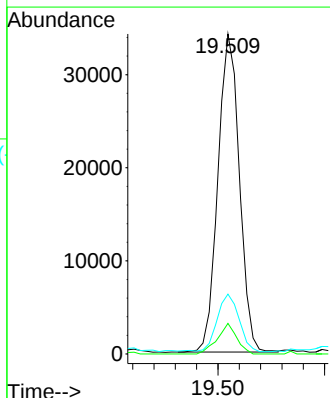
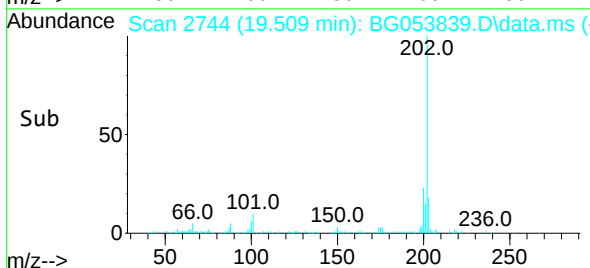
Reviewed By :Christian Giraldo 06/08/2022
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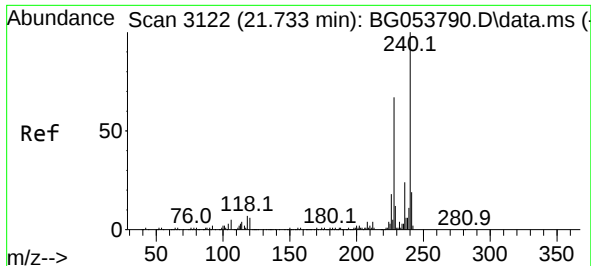


#75
Fluoranthene
Concen: 3.627 ng
RT: 19.509 min Scan# 2744
Delta R.T. 0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



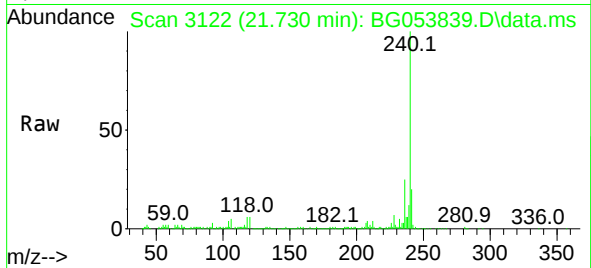
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Ion Ratio Lower Upper
202 100
101 9.5 0.0 26.9
203 18.7 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

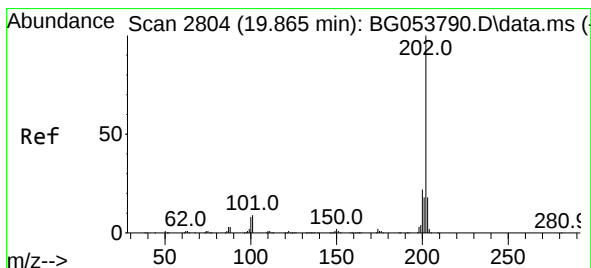
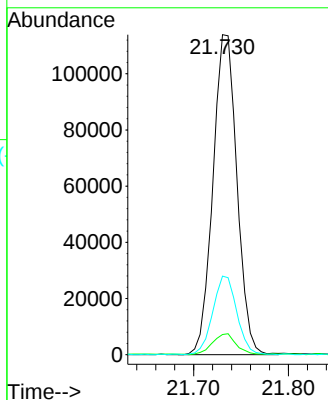
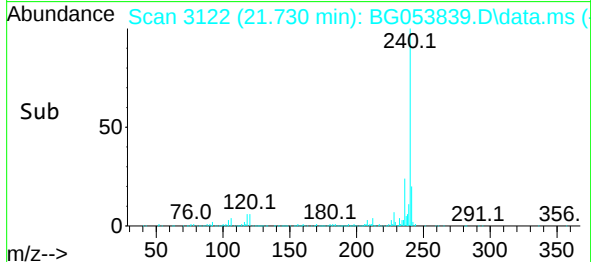
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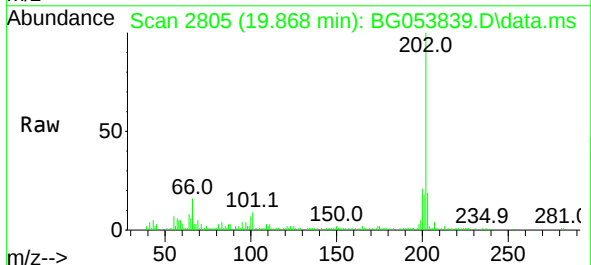
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Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.6 20.2 30.4

Manual Integrations
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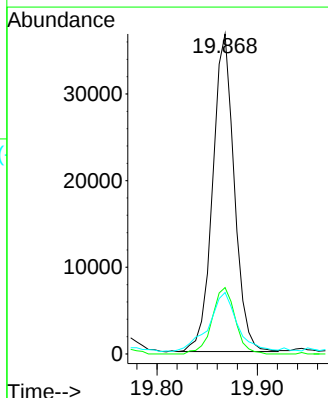
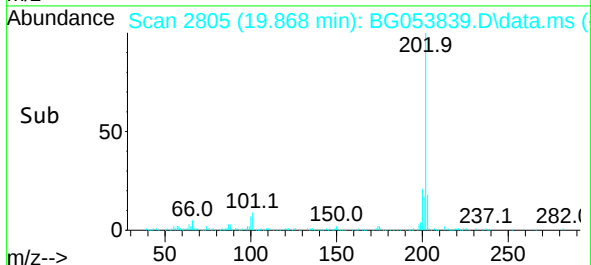
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

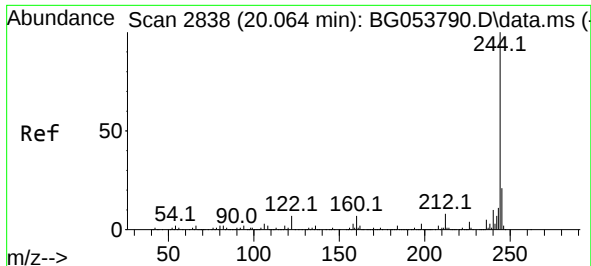


#78
Pyrene
Concen: 4.290 ng
RT: 19.868 min Scan# 2805
Delta R.T. 0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



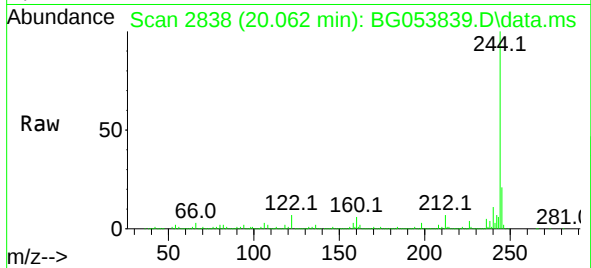
Tgt Ion:202 Resp: 54768
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 19.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 76.547 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053839.D
 Acq: 7 Jun 2022 15:04

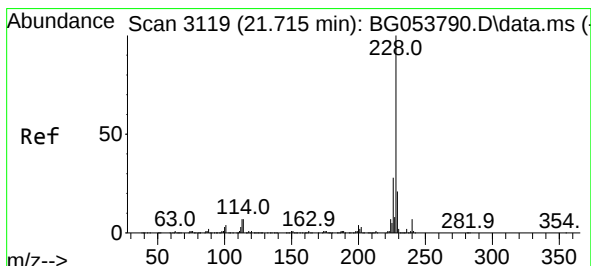
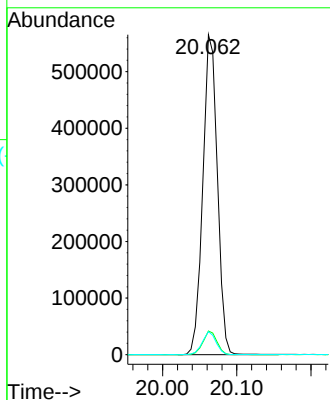
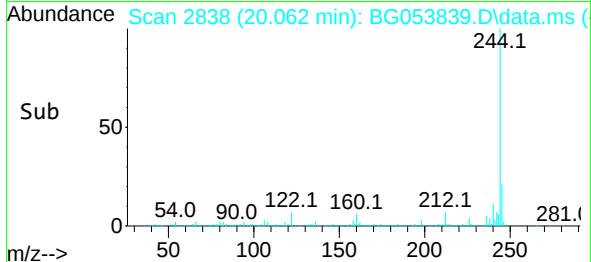
Instrument :
 BNA_G
 ClientSampleId :
 20220423-AMENDED-COMPOSITE-CRX



Tgt Ion:244 Resp: 77241
 Ion Ratio Lower Upper
 244 100
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 122 7.2 5.0 7.4

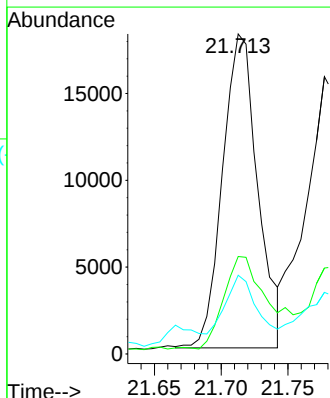
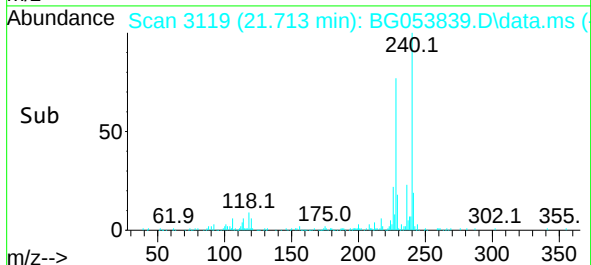
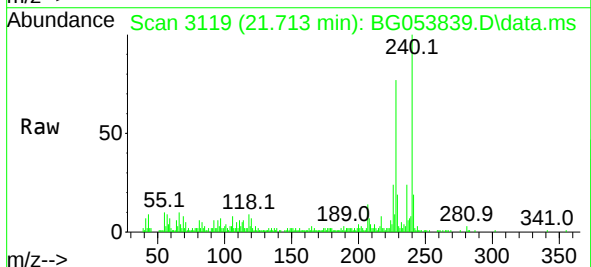
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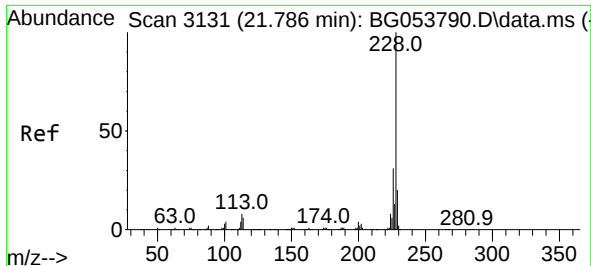
Reviewed By :Christian Giraldo 06/08/2022
 Supervised By :Jagrut Upadhyay 06/08/2022



#81
 Benzo(a)anthracene
 Concen: 2.498 ng m
 RT: 21.713 min Scan# 3119
 Delta R.T. -0.003 min
 Lab File: BG053839.D
 Acq: 7 Jun 2022 15:04

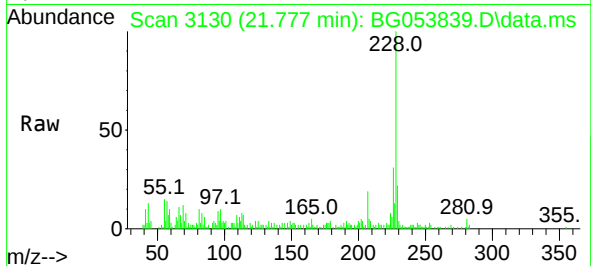
Tgt Ion:228 Resp: 33293
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.6 32.4
 229 24.6 16.2 24.2#





#83
Chrysene
Concen: 2.534 ng
RT: 21.777 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

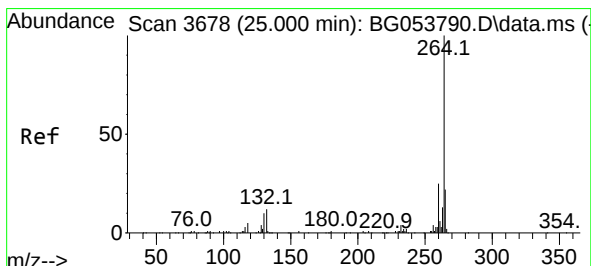
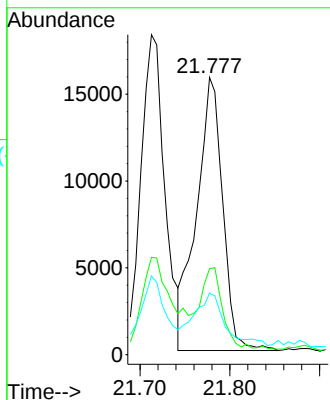
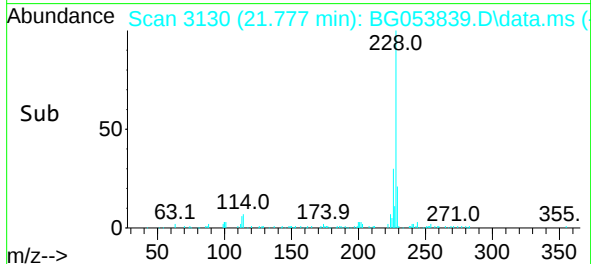
Instrument : BNA_G
ClientSampleId : 20220423-AMENDED-COMPOSITE-CRX



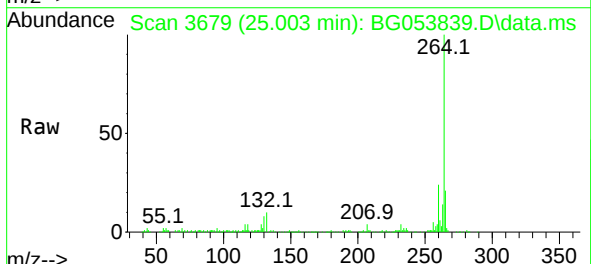
Tgt Ion:228 Resp: 31879
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 22.2 15.5 23.3

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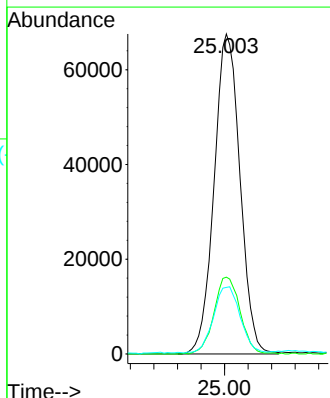
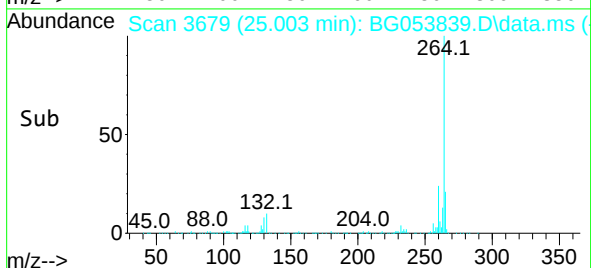
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

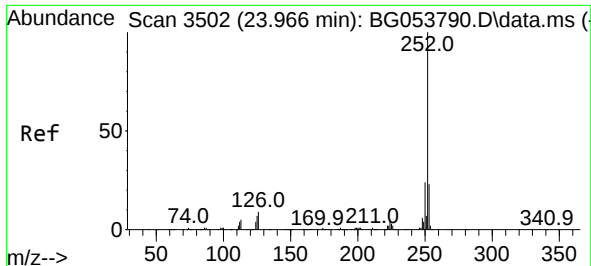


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3679
Delta R.T. 0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



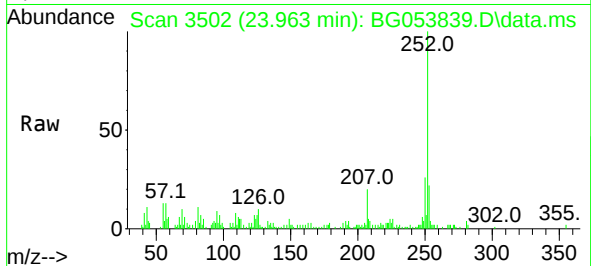
Tgt Ion:264 Resp: 205728
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 20.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.632 ng
RT: 23.963 min Scan# 3502
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04

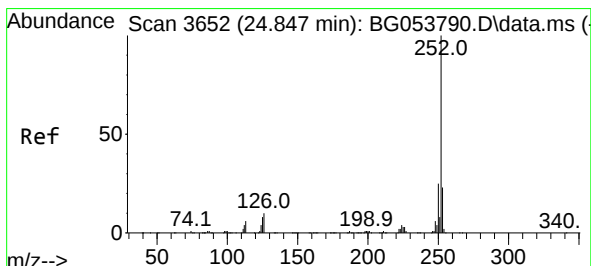
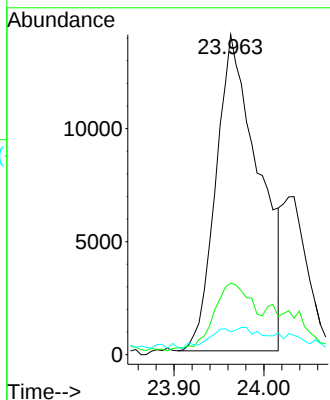
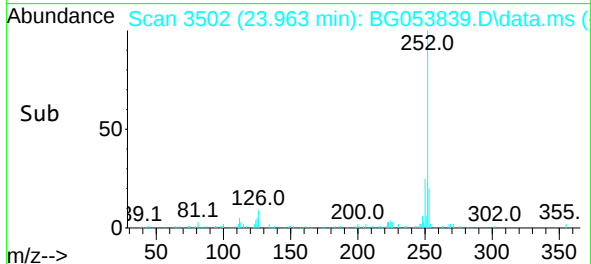
Instrument : BNA_G
ClientSampleId : 20220423-AMENDED-COMPOSITE-CRX



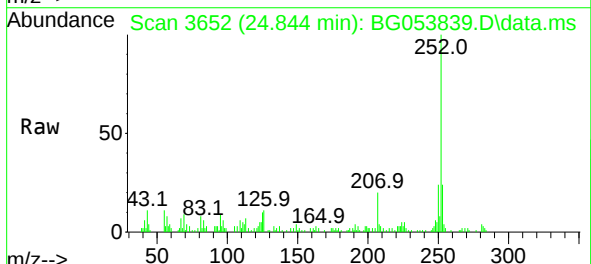
Tgt Ion:252 Resp: 4639
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 7.2 4.6 6.8

Manual Integrations
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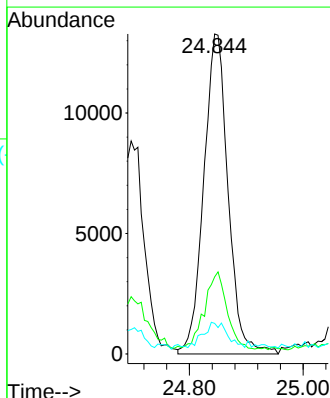
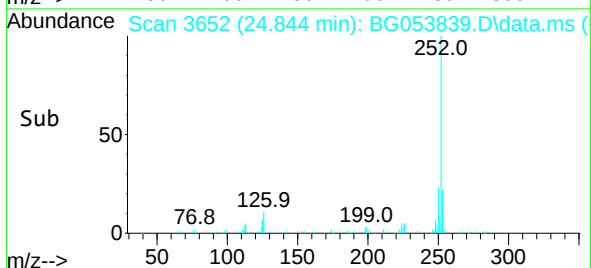
Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/08/2022

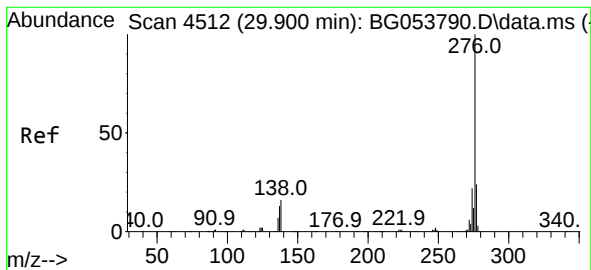


#90
Benzo(a)pyrene
Concen: 3.650 ng
RT: 24.844 min Scan# 3652
Delta R.T. -0.003 min
Lab File: BG053839.D
Acq: 7 Jun 2022 15:04



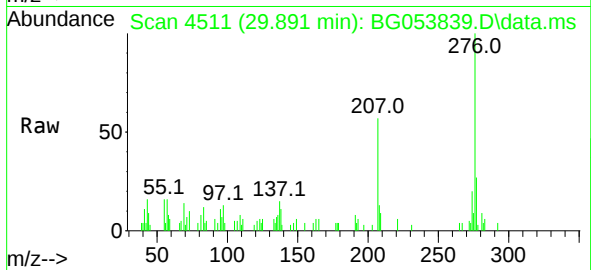
Tgt Ion:252 Resp: 39421
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 9.6 4.3 6.5





#92
 Benzo(g,h,i)perylene
 Concen: 2.124 ng
 RT: 29.891 min Scan# 4511
 Delta R.T. -0.008 min
 Lab File: BG053839.D
 Acq: 7 Jun 2022 15:04

Instrument : BNA_G
 ClientSampleId : 20220423-AMENDED-COMPOSITE-CRX



Tgt Ion: 276 Resp: 26229
 Ion Ratio Lower Upper
 276 100
 277 26.6 17.3 25.9
 138 13.8 9.6 14.4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/08/2022

