

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055905.D
 Acq On : 6 Dec 2022 16:00
 Operator : CG/JU
 Sample : N5863-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 05:10:23 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	8.165	152	30164	20.000	ng	0.00
21) Naphthalene-d8	10.991	136	139991	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	105849	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	238416	20.000	ng	0.00
76) Chrysene-d12	21.819	240	216795	20.000	ng	0.00
86) Perylene-d12	25.168	264	230432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	178556	106.996	ng	0.00
7) Phenol-d6	7.325	99	246950	111.166	ng	0.00
23) Nitrobenzene-d5	9.340	82	164371	62.060	ng	0.00
42) 2,4,6-Tribromophenol	16.285	330	127171	85.322	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	369809	52.341	ng	0.00
79) Terphenyl-d14	20.127	244	509524	47.008	ng	0.00
Target Compounds						
83) Chrysene	21.866	228	39452m	2.775	ng	Qvalue
88) Benzo(b)fluoranthene	24.093	252	69233	4.613	ng	# 95
90) Benzo(a)pyrene	25.010	252	37568	2.917	ng	# 93
92) Benzo(g,h,i)perylene	30.227	276	35065	2.255	ng	# 93

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

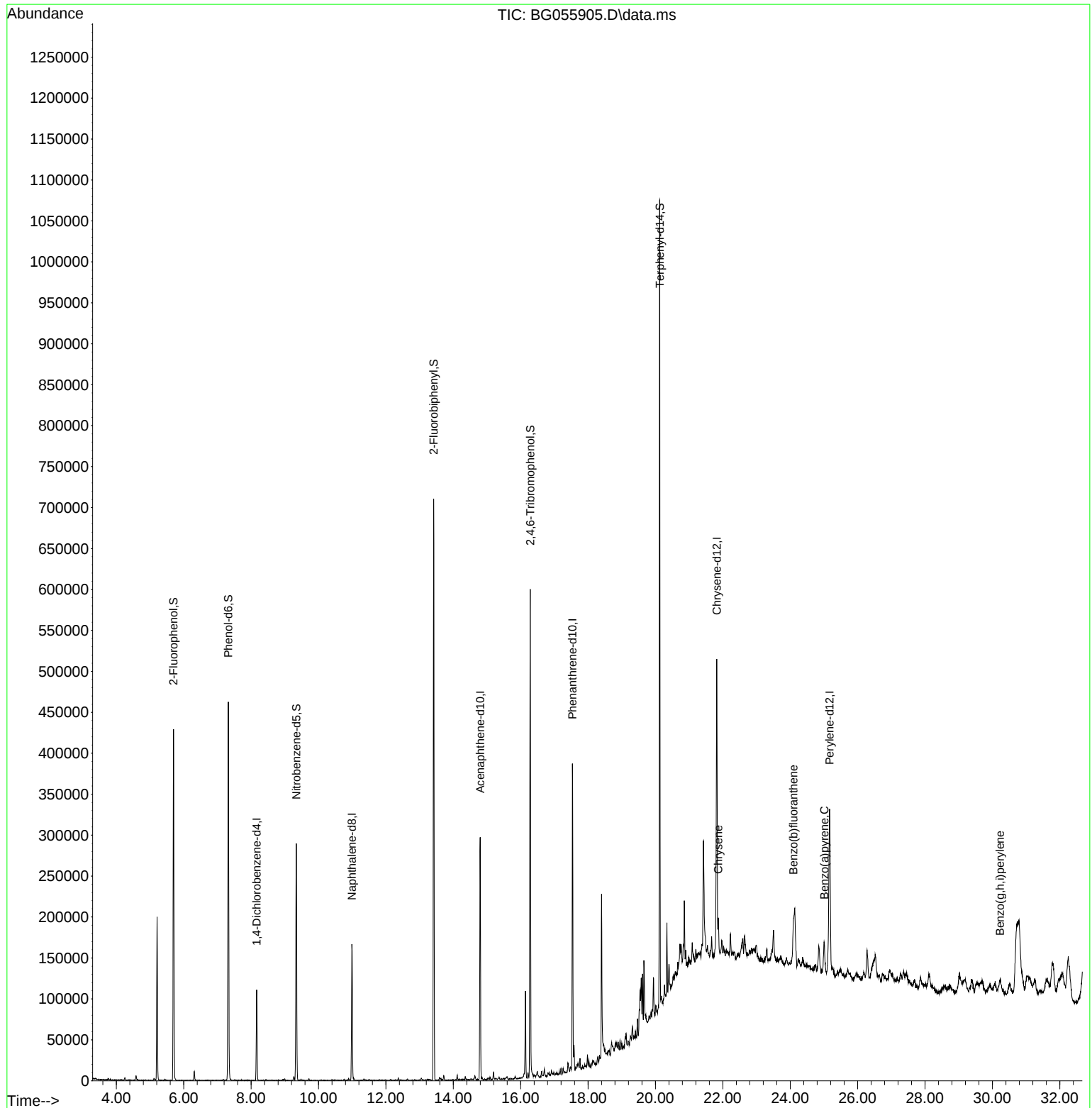
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
Data File : BG055905.D
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ALS Vial : 7 Sample Multiplier: 1

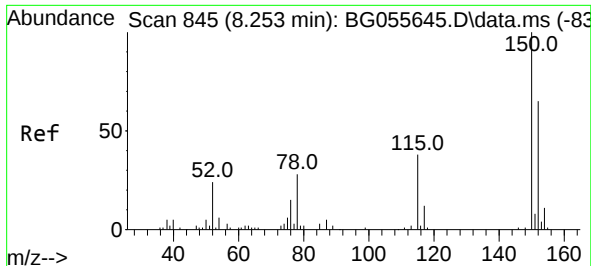
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Dec 07 05:10:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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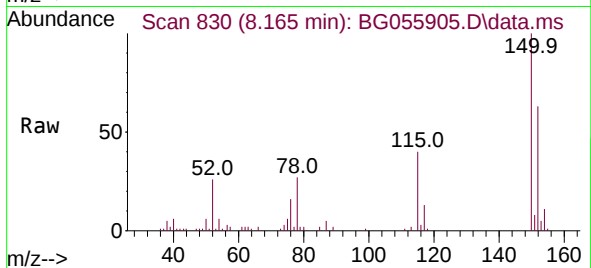
Reviewed By : Christian Giraldo 12/07/2022
Supervised By : Jagrut Upadhyay 12/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 845
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

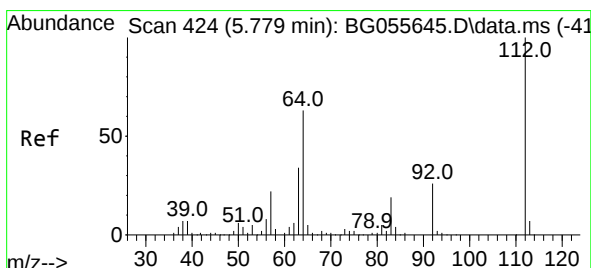
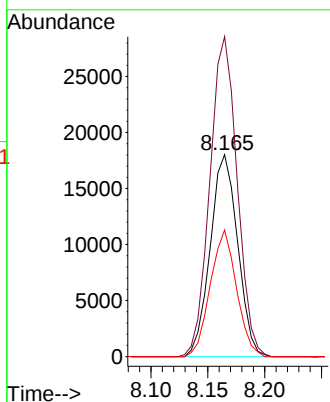
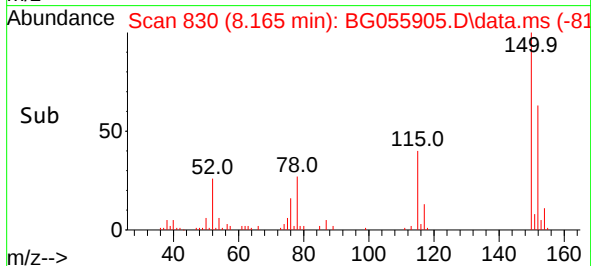
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE



Tgt Ion:152 Resp: 30164
Ion Ratio Lower Upper
152 100
150 158.5 123.0 184.6
115 62.7 47.0 70.4

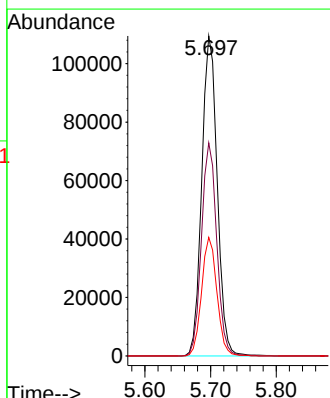
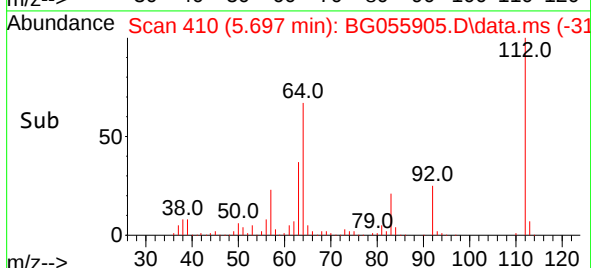
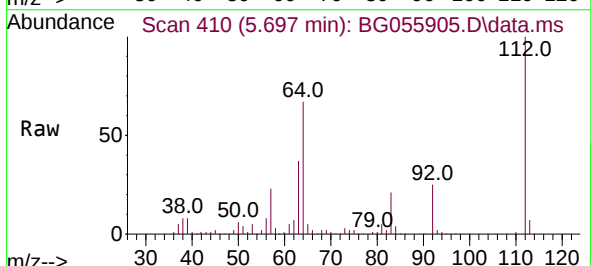
Manual Integrations
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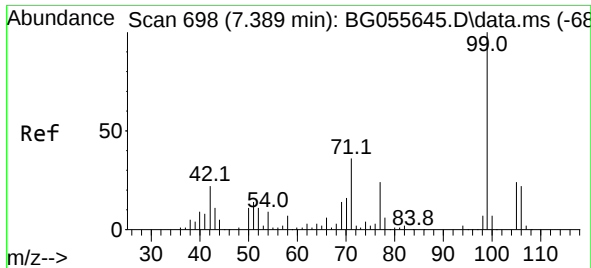
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#5
2-Fluorophenol
Concen: 106.996 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:112 Resp: 178556
Ion Ratio Lower Upper
112 100
64 66.6 50.6 76.0
63 37.0 27.5 41.3





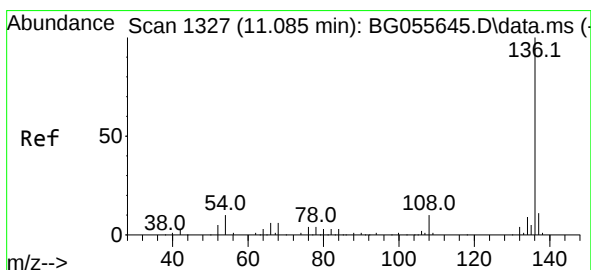
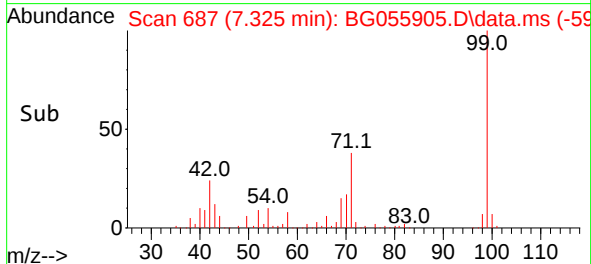
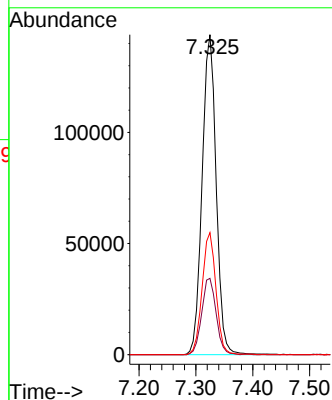
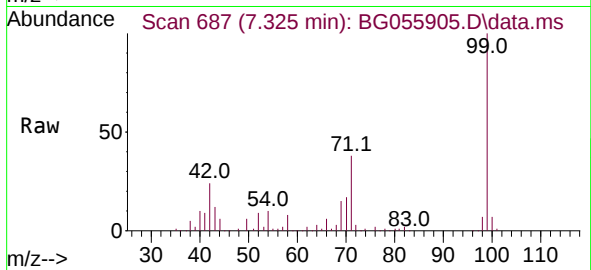
#7
Phenol-d6
Concen: 111.166 ng
RT: 7.325 min Scan# 687
Delta R.T. 0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

Tgt Ion: 99 Resp: 246950
Ion Ratio Lower Upper
99 100
42 23.8 18.0 27.0
71 38.1 29.0 43.6

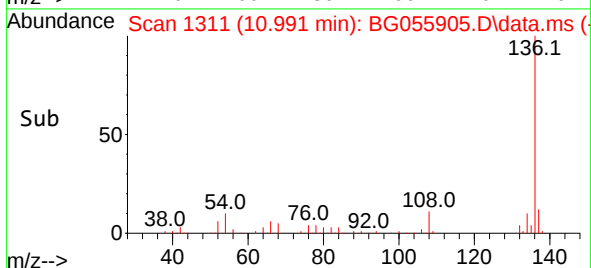
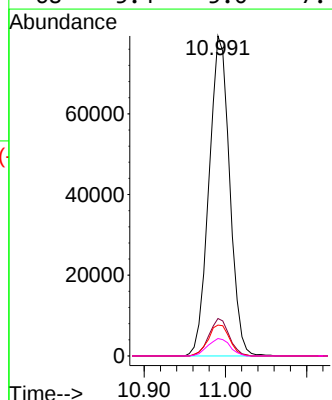
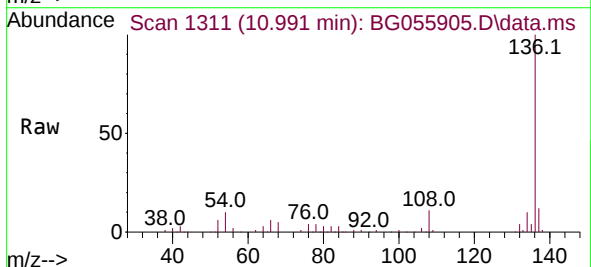
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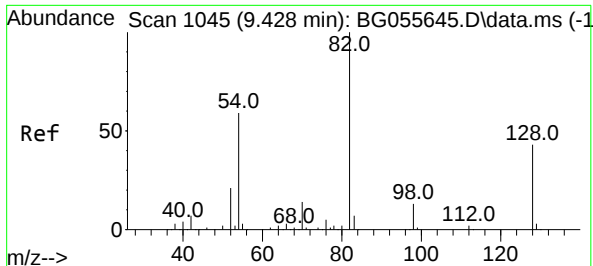
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.991 min Scan# 1311
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:136 Resp: 139991
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.6 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 62.060 ng

RT: 9.340 min Scan# 1045

Delta R.T. -0.003 min

Lab File: BG055905.D

Acq: 6 Dec 2022 16:00

Instrument :

BNA_G

ClientSampleId :

WOOD-CHIP-PILE

Tgt Ion: 82 Resp: 16437

Ion Ratio Lower Upper

82 100

128 41.5 34.1 51.1

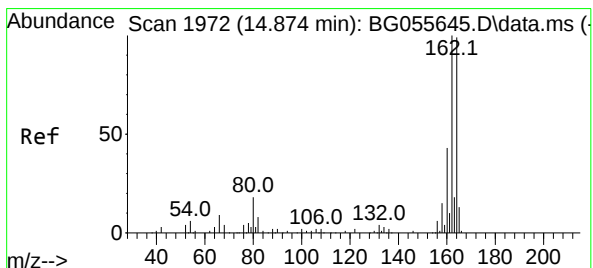
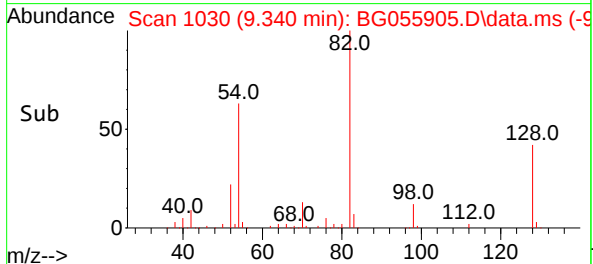
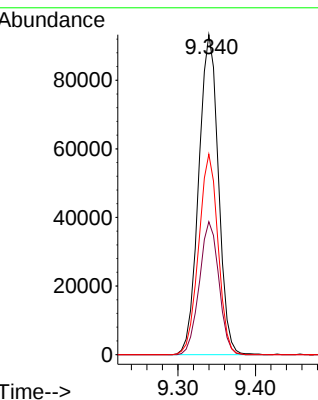
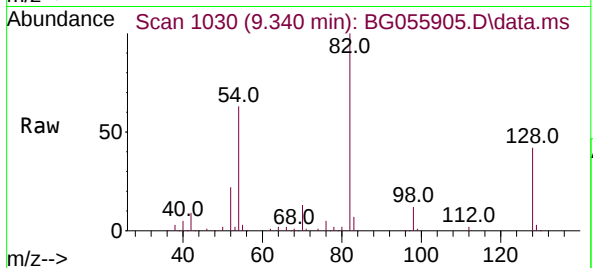
54 62.6 47.3 70.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.798 min Scan# 1959

Delta R.T. -0.003 min

Lab File: BG055905.D

Acq: 6 Dec 2022 16:00

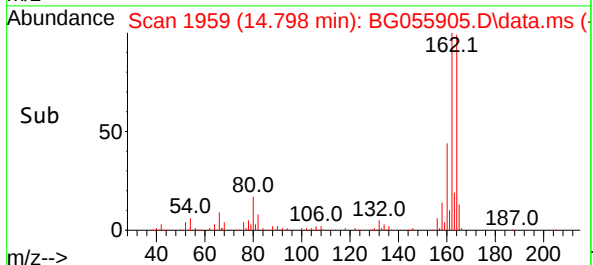
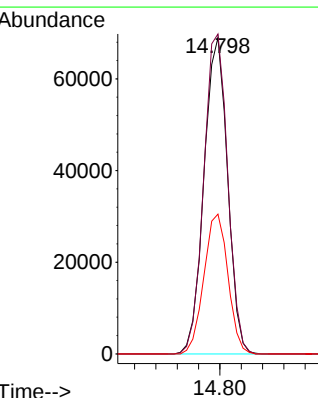
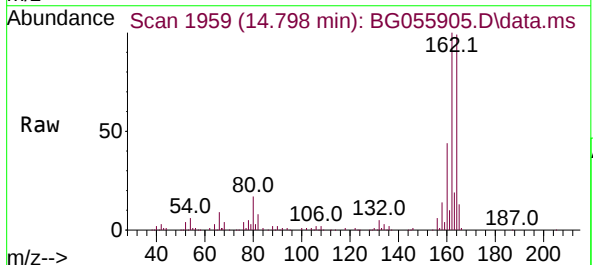
Tgt Ion:164 Resp: 105849

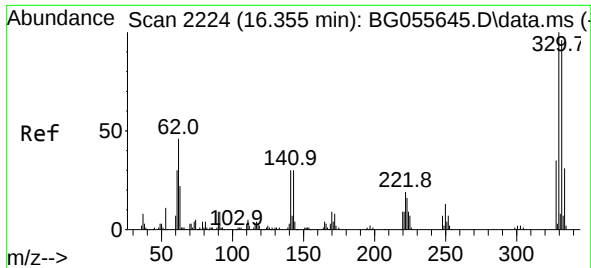
Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

160 44.2 34.8 52.2





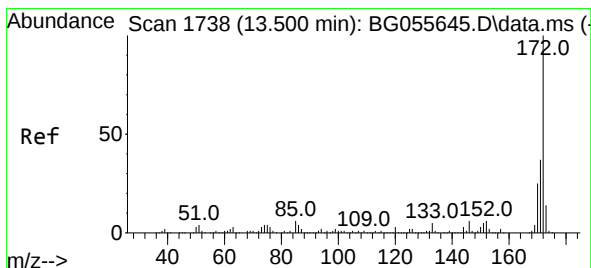
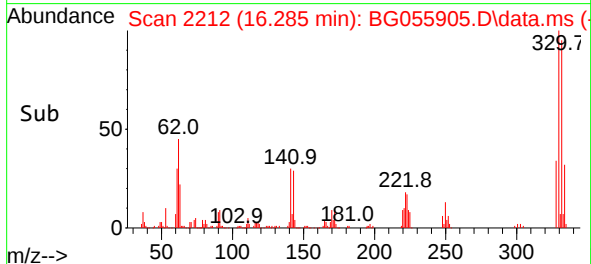
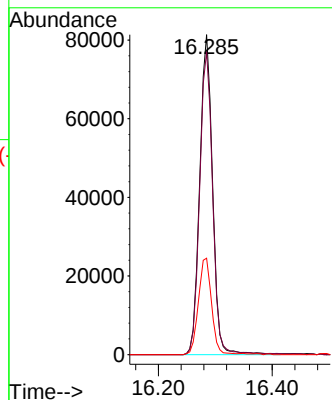
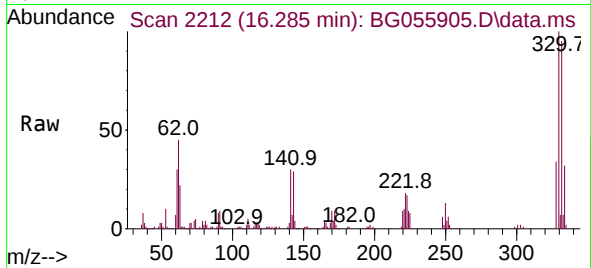
#42
2,4,6-Tribromophenol
Concen: 85.322 ng
RT: 16.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE

Tgt Ion:330 Resp: 12717
Ion Ratio Lower Upper
330 100
332 95.6 77.8 116.8
141 30.7 23.9 35.9

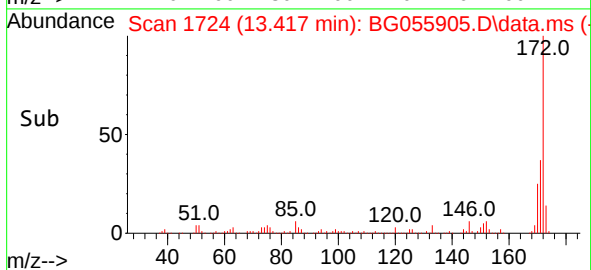
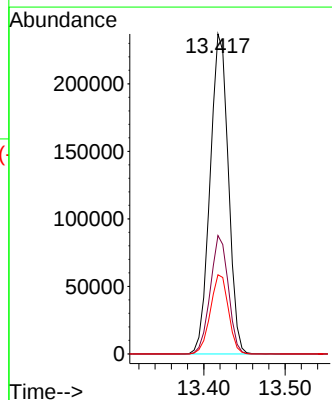
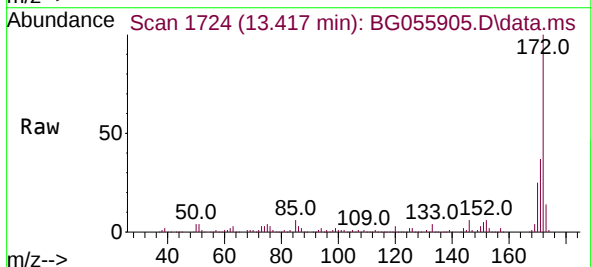
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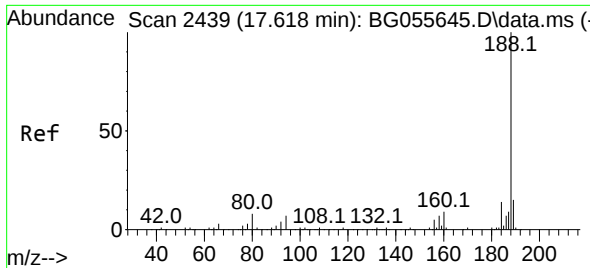
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#45
2-Fluorobiphenyl
Concen: 52.341 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

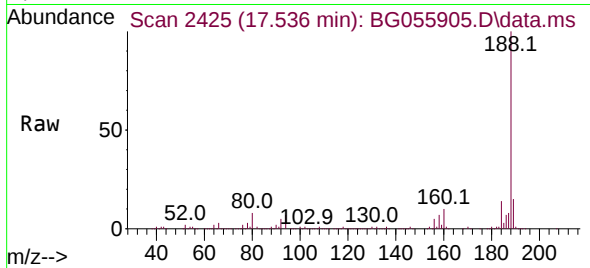
Tgt Ion:172 Resp: 369809
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.7 20.2 30.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

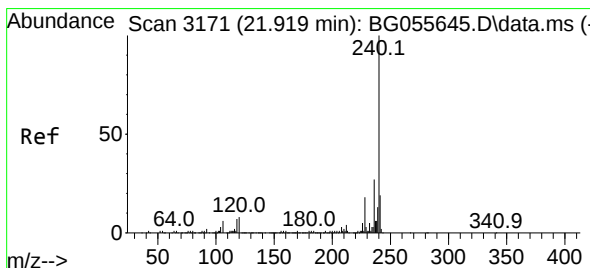
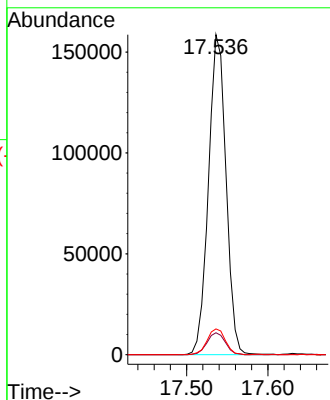
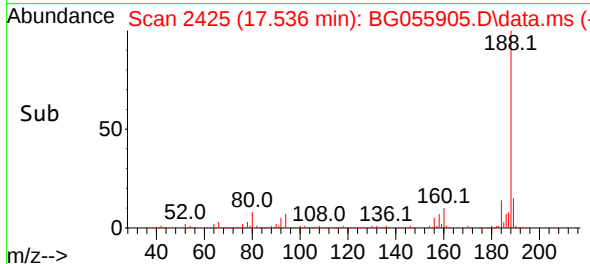
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE



Tgt Ion:188 Resp: 238416
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 8.0 6.6 10.0

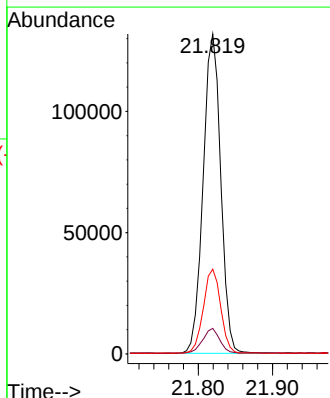
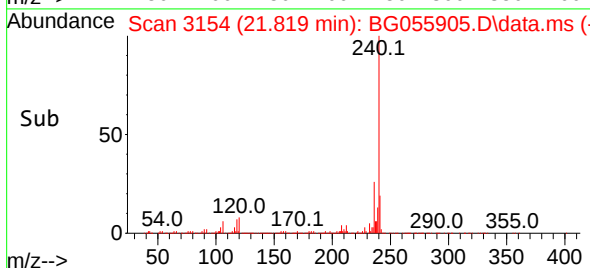
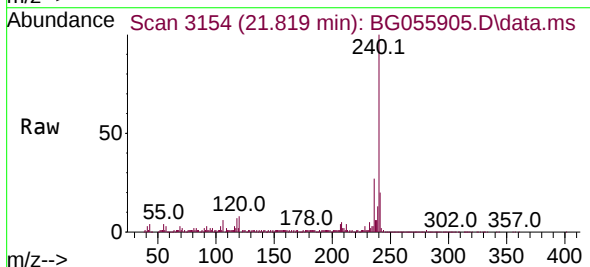
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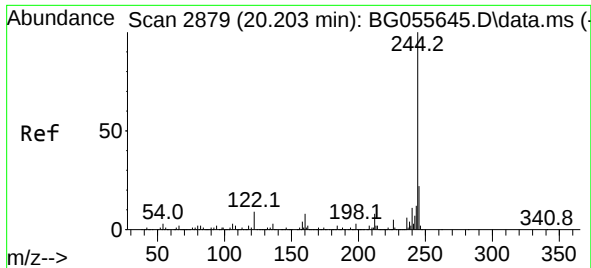
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

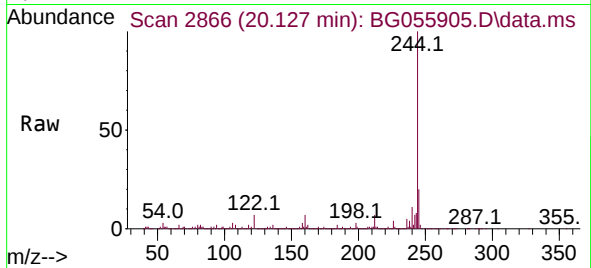
Tgt Ion:240 Resp: 216795
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.5 21.9 32.9





#79
 Terphenyl-d14
 Concen: 47.008 ng
 RT: 20.127 min Scan# 2879
 Delta R.T. -0.003 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00

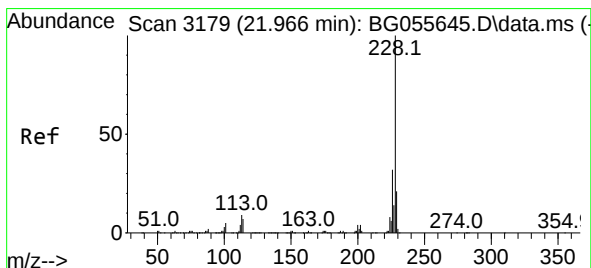
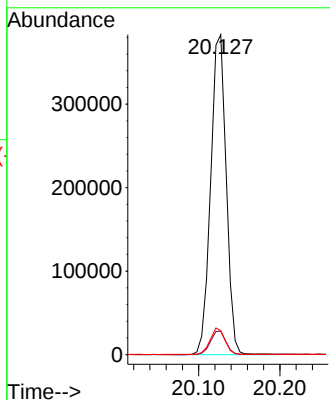
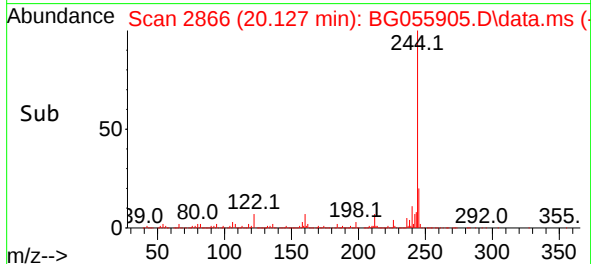
Instrument :
 BNA_G
 ClientSampleId :
 WOOD-CHIP-PILE



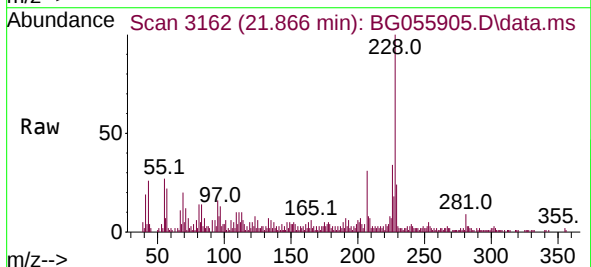
Tgt Ion:244 Resp: 509524
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 7.5 6.9 10.3

Manual Integrations
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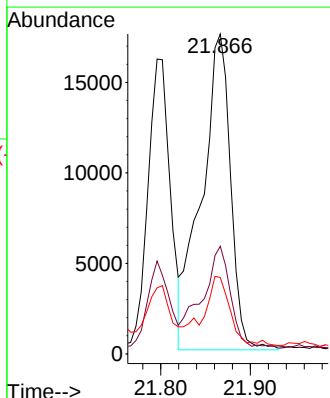
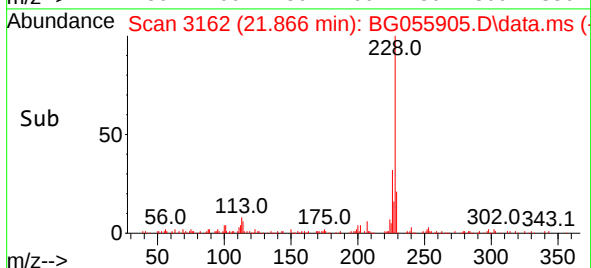
Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

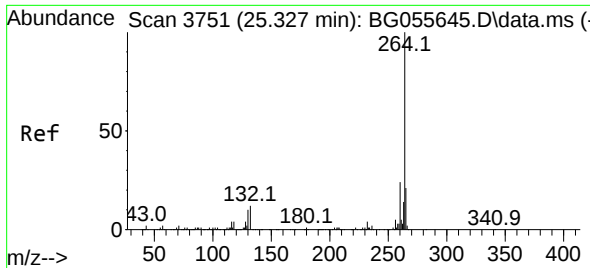


#83
 Chrysene
 Concen: 2.775 ng m
 RT: 21.866 min Scan# 3162
 Delta R.T. -0.009 min
 Lab File: BG055905.D
 Acq: 6 Dec 2022 16:00



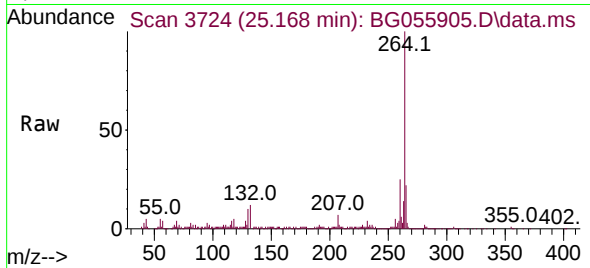
Tgt Ion:228 Resp: 39452
 Ion Ratio Lower Upper
 228 100
 226 33.6 25.4 38.2
 229 23.9 17.1 25.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.168 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

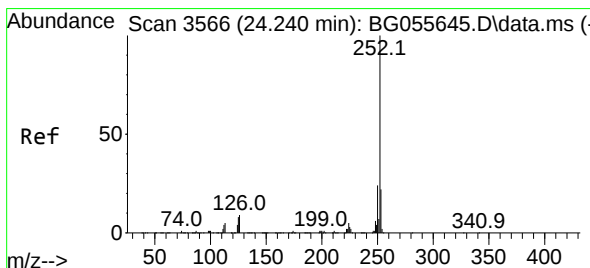
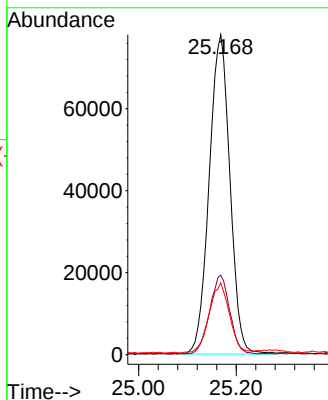
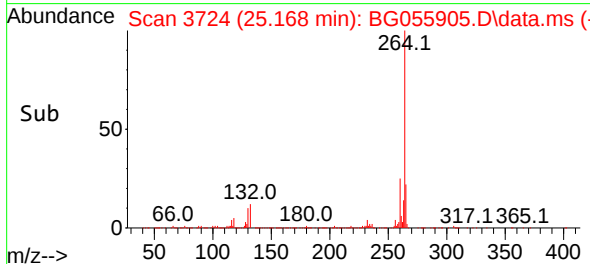
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE



Tgt Ion:264 Resp: 230432
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 22.4 17.1 25.7

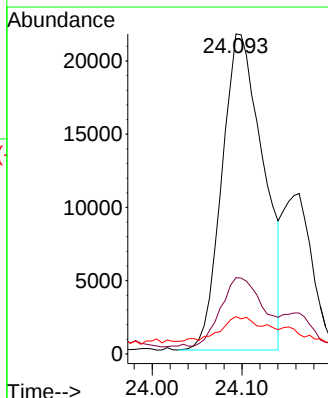
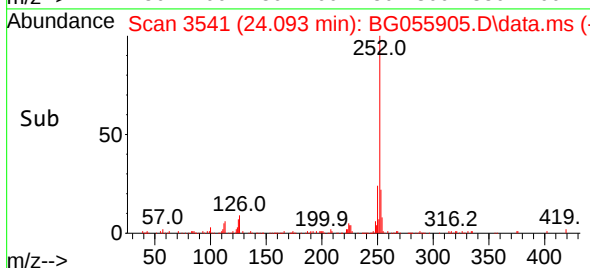
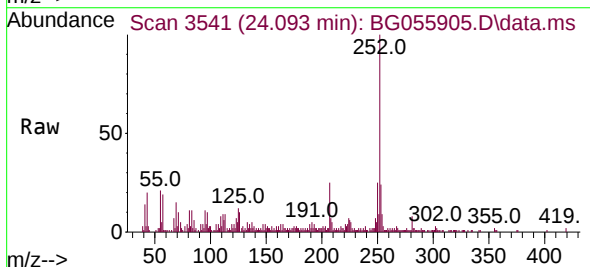
Manual Integrations
APPROVED

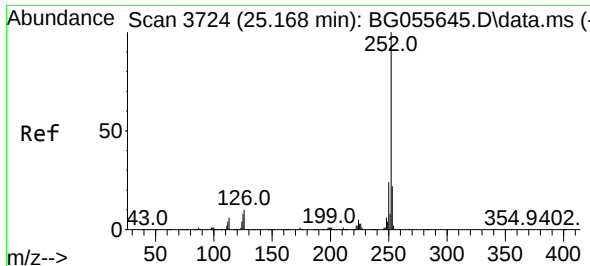
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#88
Benzo(b)fluoranthene
Concen: 4.613 ng
RT: 24.093 min Scan# 3541
Delta R.T. -0.015 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

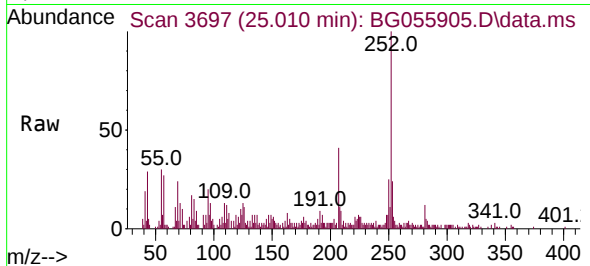
Tgt Ion:252 Resp: 69233
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 11.7 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 2.917 ng
RT: 25.010 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

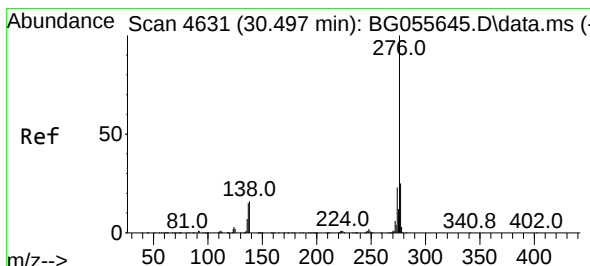
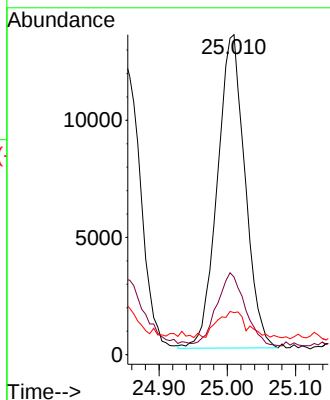
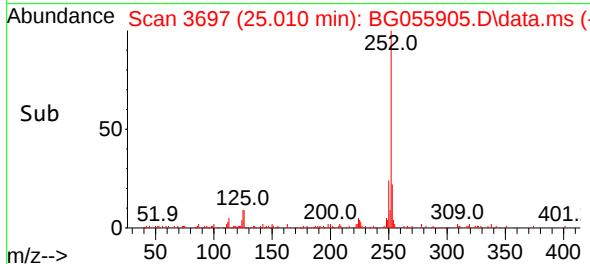
Instrument :
BNA_G
ClientSampleId :
WOOD-CHIP-PILE



Tgt Ion:252 Resp: 37568
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.6
125 13.1 6.4 9.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#92
Benzo(g,h,i)perylene
Concen: 2.255 ng
RT: 30.227 min Scan# 4585
Delta R.T. -0.027 min
Lab File: BG055905.D
Acq: 6 Dec 2022 16:00

Tgt Ion:276 Resp: 35065
Ion Ratio Lower Upper
276 100
277 29.7 19.8 29.6
138 15.5 13.1 19.7

