

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054467.D
 Acq On : 1 Aug 2022 16:39
 Operator : CG/JU
 Sample : N3894-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-29

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/02/2022
 Supervised By : Jagrut Upadhyay 08/02/2022

Quant Time: Aug 02 05:46:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	15585	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	63733	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	52673	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	134819	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	150554	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	158981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	71924	96.355	ng	0.00
7) Phenol-d6	7.176	99	102681	100.390	ng	0.00
23) Nitrobenzene-d5	9.145	82	77706	66.396	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	111619	100.927	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	255419	68.407	ng	0.00
79) Terphenyl-d14	19.973	244	554398	73.051	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	76329	8.340	ng	97
78) Pyrene	19.779	202	74019	8.568	ng	99
81) Benzo(a)anthracene	21.612	228	42906	4.489	ng	97
83) Chrysene	21.677	228	46813m	5.185	ng	
88) Benzo(b)fluoranthene	23.816	252	62067	6.602	ng	99
90) Benzo(a)pyrene	24.673	252	37265	4.641	ng	93

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

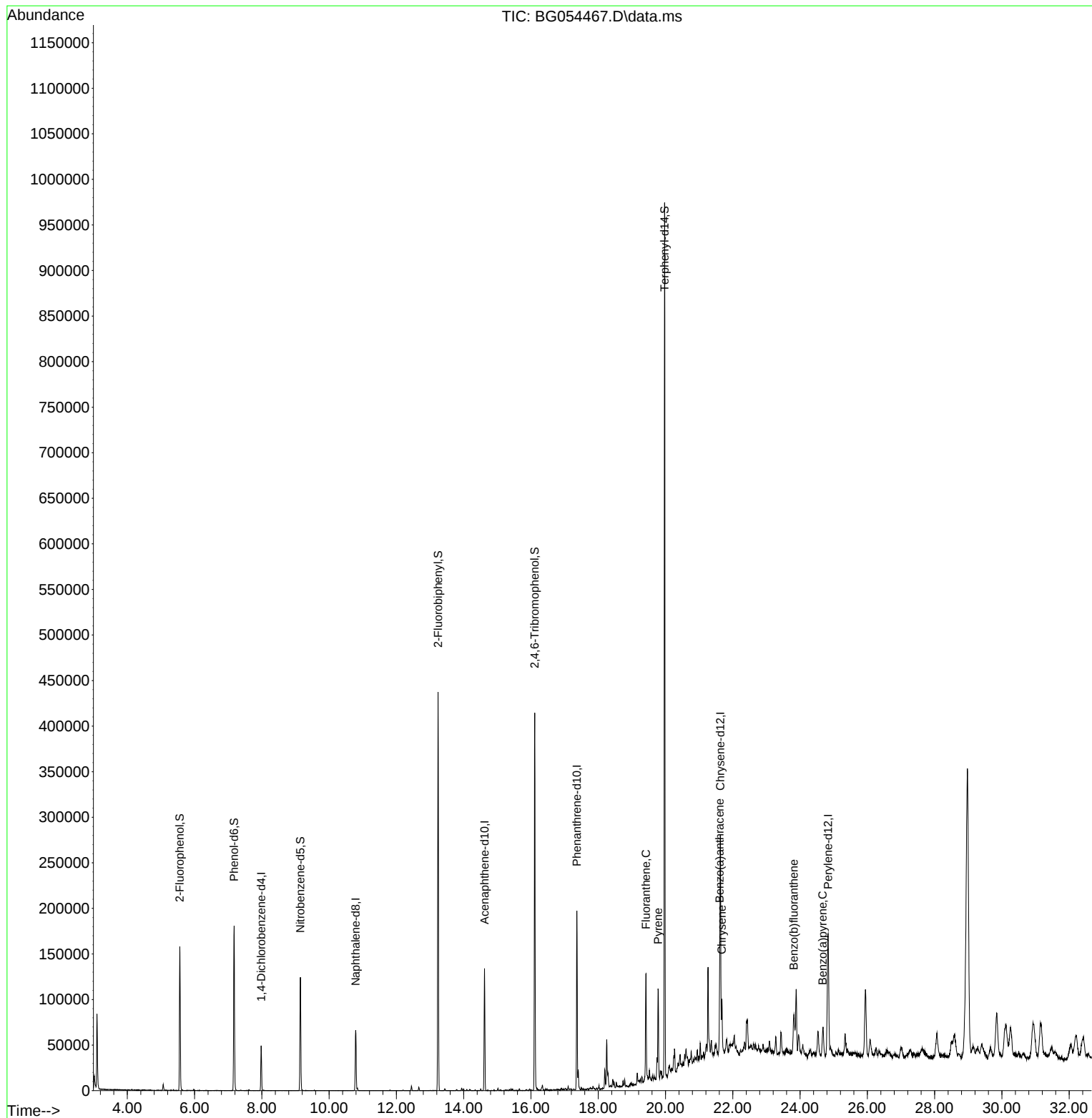
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054467.D
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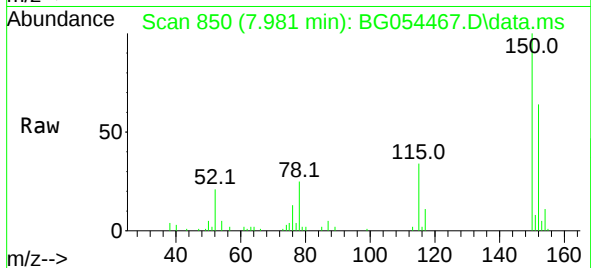
Reviewed By : Christian Giraldo 08/02/2022
Supervised By : Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

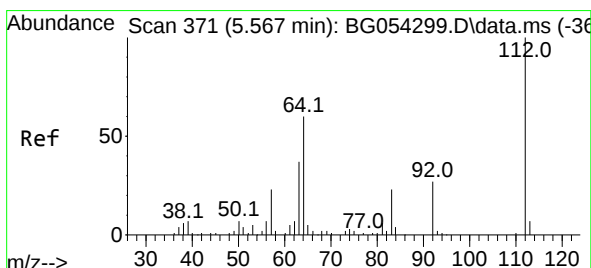
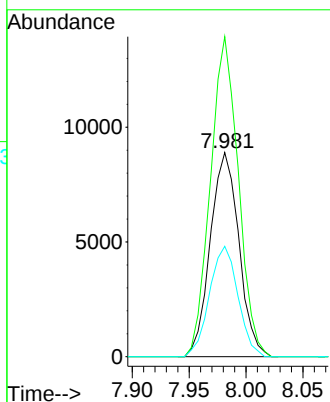
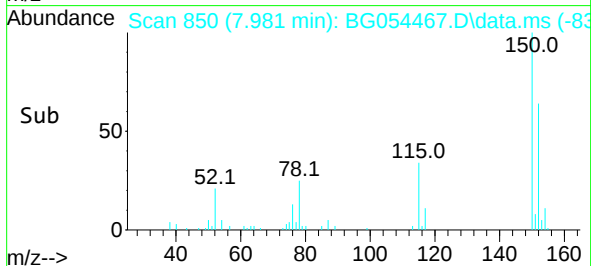
Instrument :
BNA_G
ClientSampleId :
RVE-29



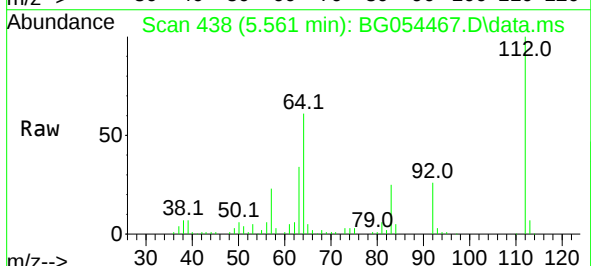
Tgt Ion:152 Resp: 1558
Ion Ratio Lower Upper
152 100
150 156.8 131.6 197.4
115 54.1 50.9 76.3

Manual Integrations
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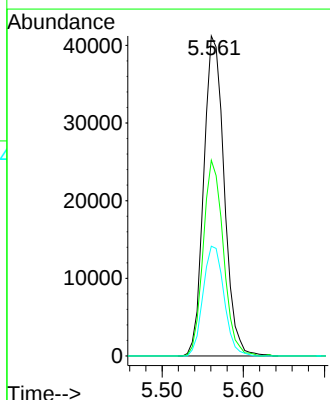
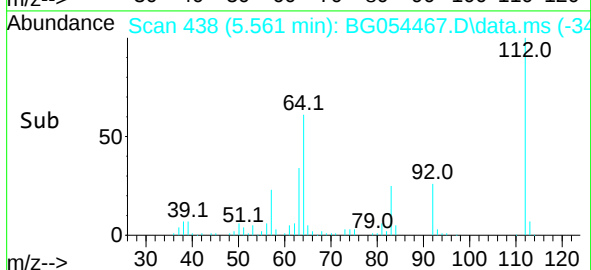
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

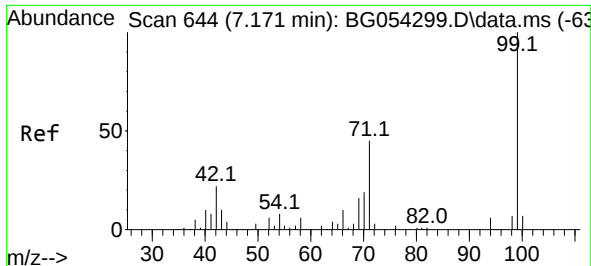


#5
2-Fluorophenol
Concen: 96.355 ng
RT: 5.561 min Scan# 438
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39



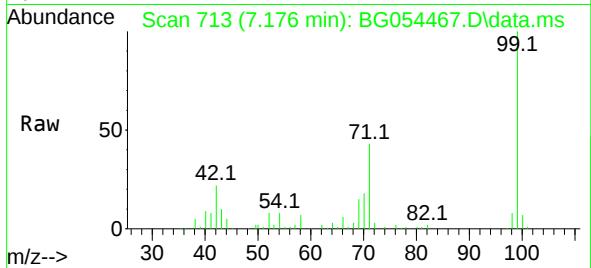
Tgt Ion:112 Resp: 71924
Ion Ratio Lower Upper
112 100
64 61.1 55.1 82.7
63 34.3 30.4 45.6





#7
Phenol-d6
Concen: 100.390 ng
RT: 7.176 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

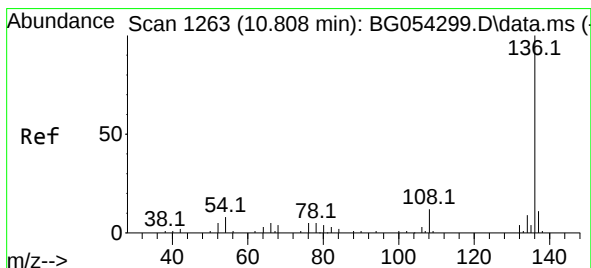
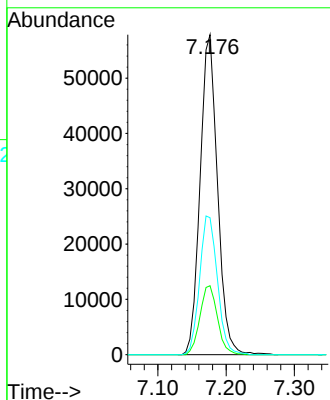
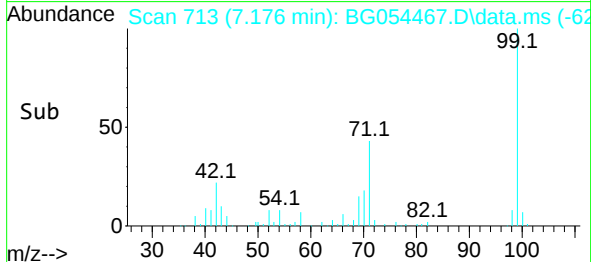
Instrument :
BNA_G
ClientSampleId :
RVE-29



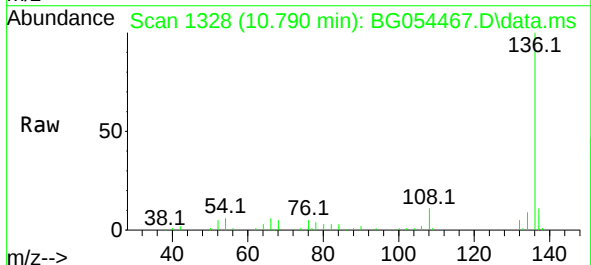
Tgt Ion: 99 Resp: 10268
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 42.8 33.8 50.8

Manual Integrations
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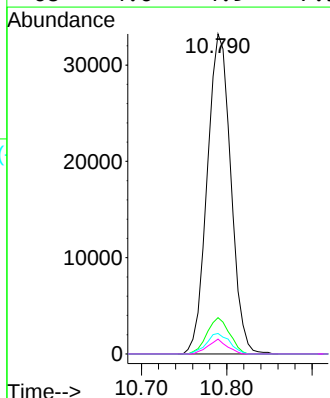
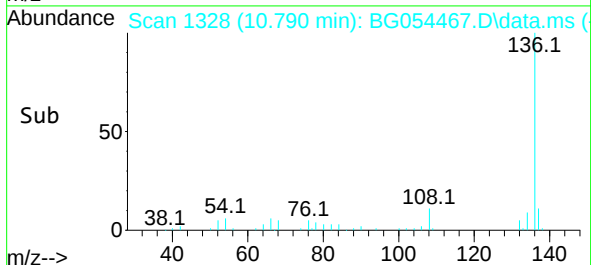
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39



Tgt Ion:136 Resp: 63733
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 6.4 7.4 11.2#
68 4.6 4.9 7.3#





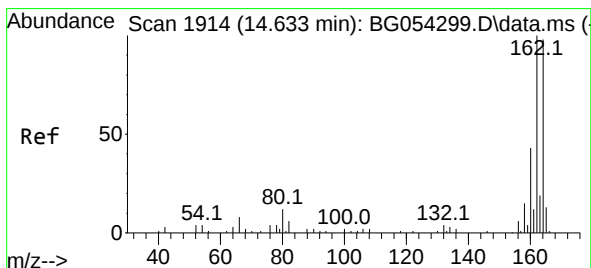
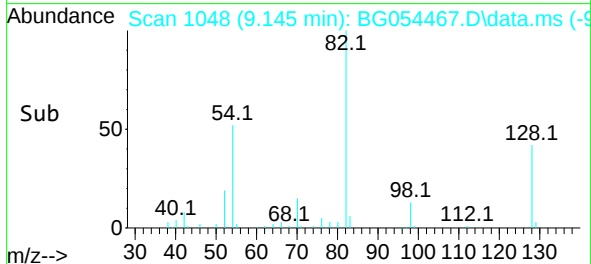
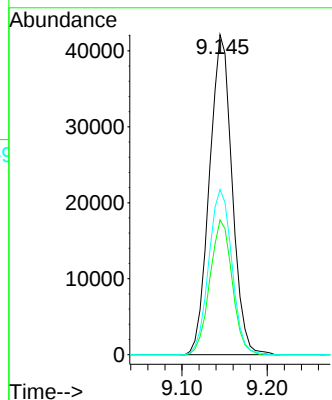
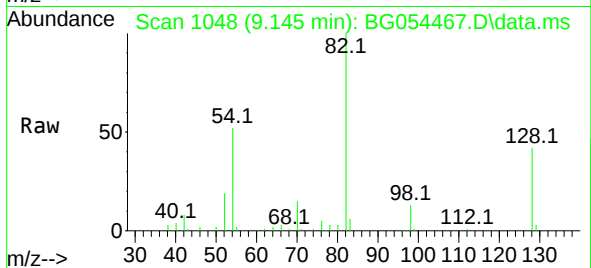
#23
Nitrobenzene-d5
Concen: 66.396 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Instrument :
BNA_G
ClientSampleId :
RVE-29

Tgt Ion: 82 Resp: 77700
Ion Ratio Lower Upper
82 100
128 42.1 27.9 41.9
54 51.6 41.2 61.8

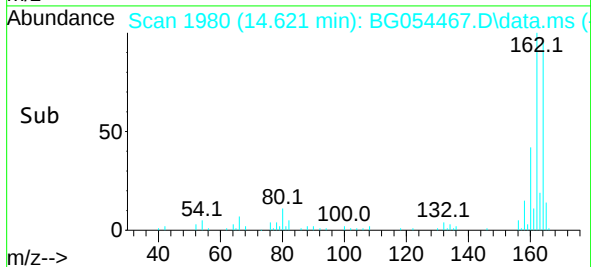
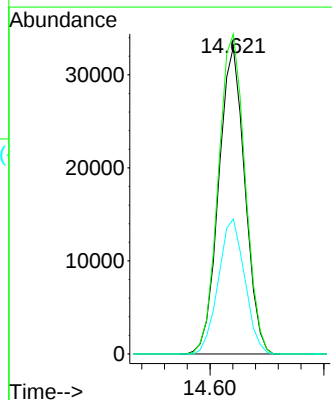
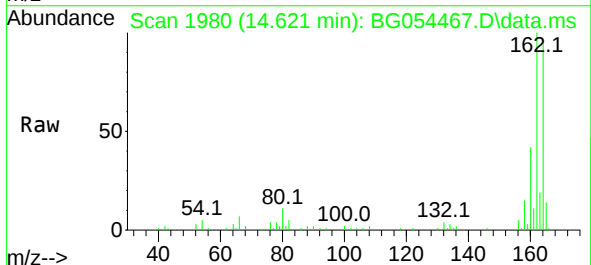
Manual Integrations
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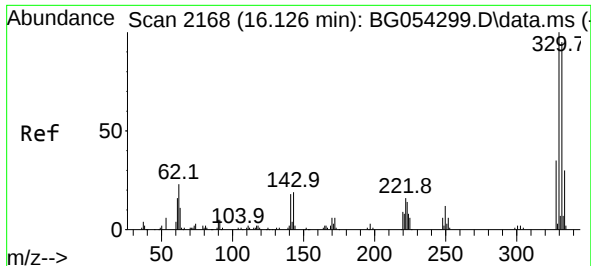
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

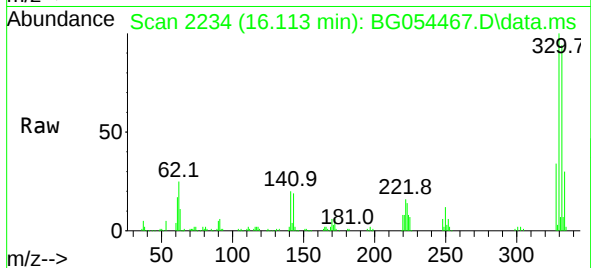
Tgt Ion:164 Resp: 52673
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 44.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 100.927 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

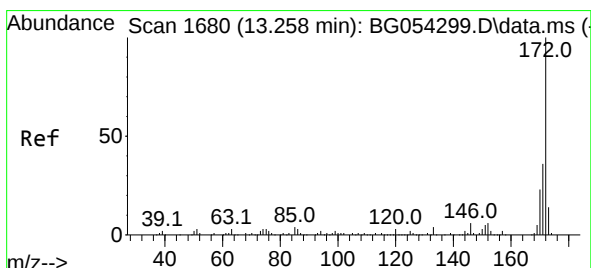
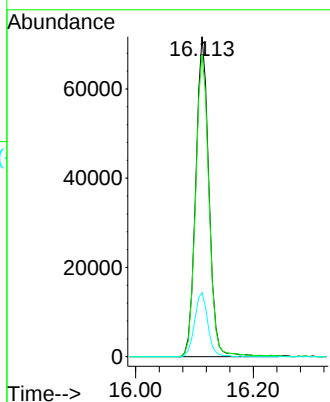
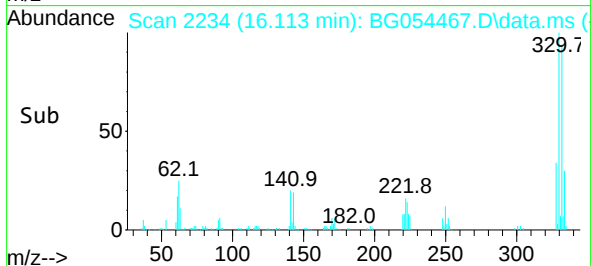
Instrument :
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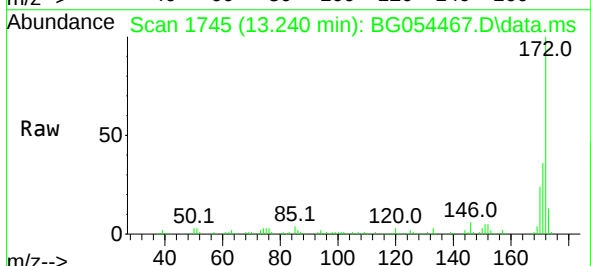
Tgt Ion:330 Resp: 111619
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 20.0 27.1 40.7

Manual Integrations
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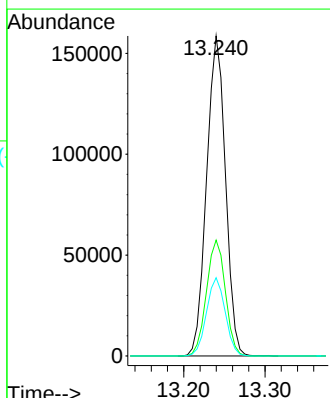
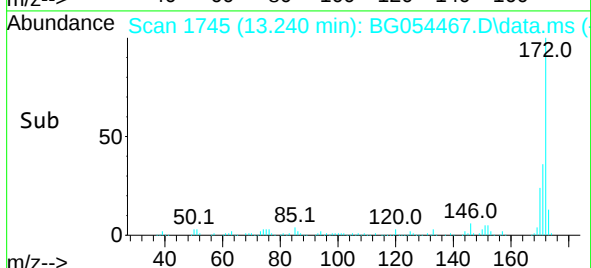
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

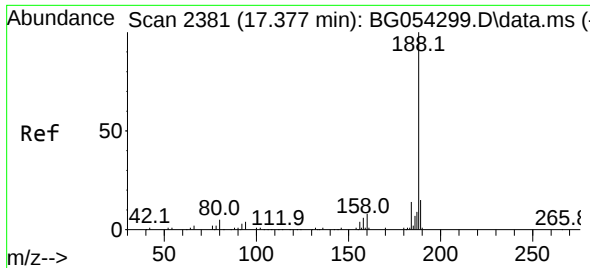


#45
2-Fluorobiphenyl
Concen: 68.407 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39



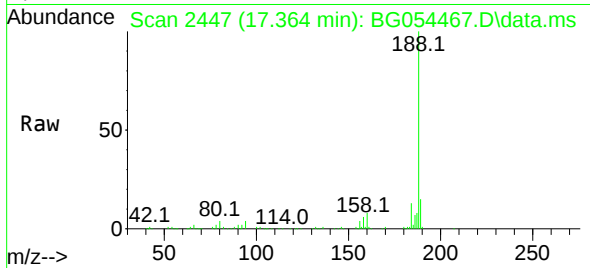
Tgt Ion:172 Resp: 255419
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.4 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

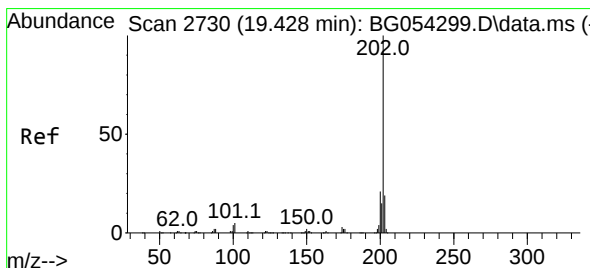
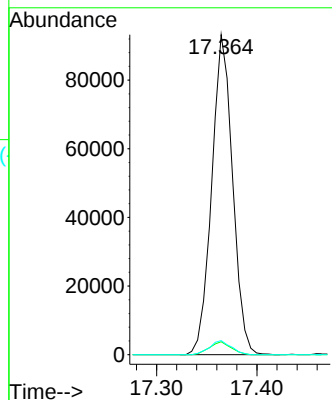
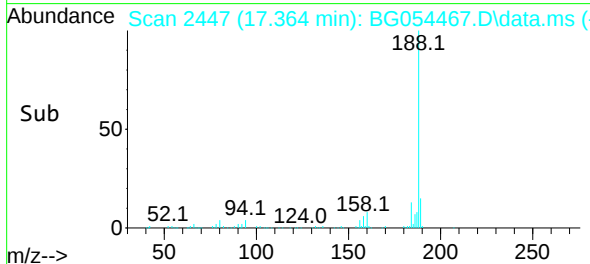
Instrument :
BNA_G
ClientSampleId :
RVE-29



Tgt Ion:188 Resp: 134819
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 4.4 6.8 10.2

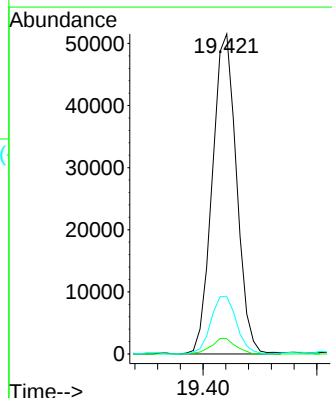
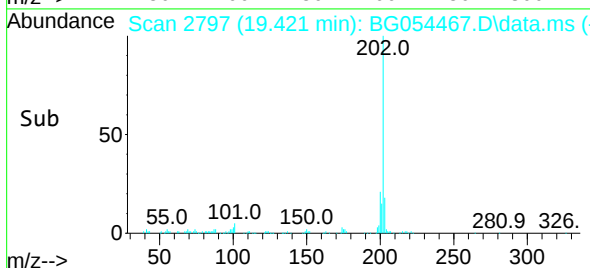
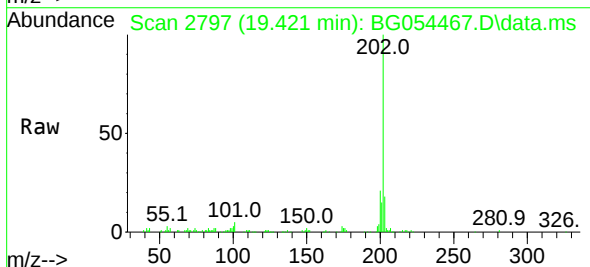
Manual Integrations
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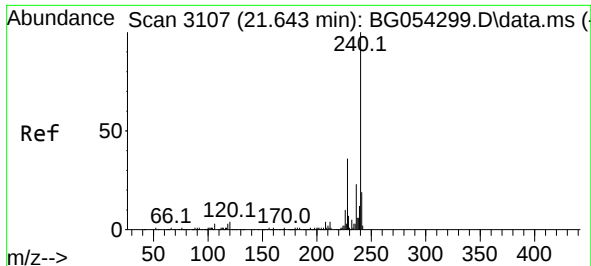
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#75
Fluoranthene
Concen: 8.340 ng
RT: 19.421 min Scan# 2797
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

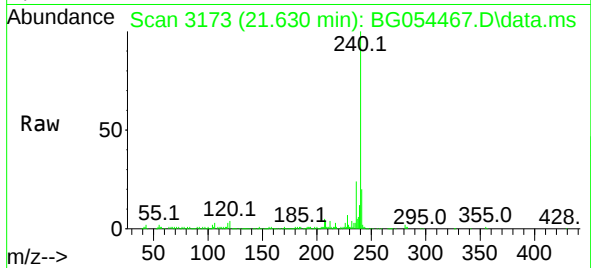
Tgt Ion:202 Resp: 76329
Ion Ratio Lower Upper
202 100
101 4.7 0.0 26.9
203 17.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3107
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

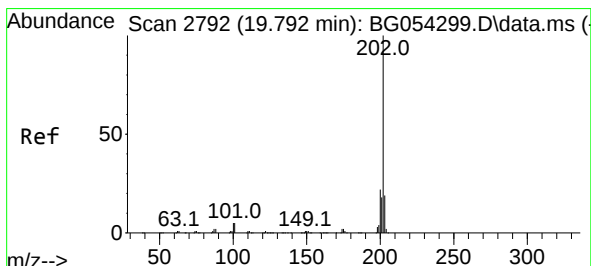
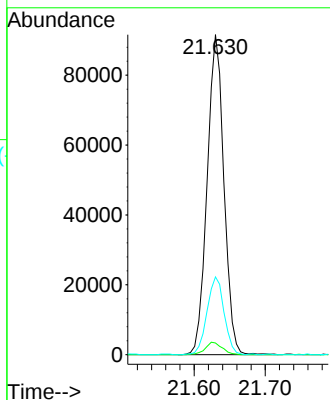
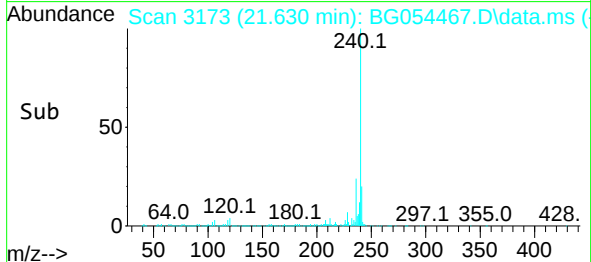
Instrument :
BNA_G
ClientSampleId :
RVE-29



Tgt Ion:240 Resp: 150554
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0
236 24.3 20.2 30.4

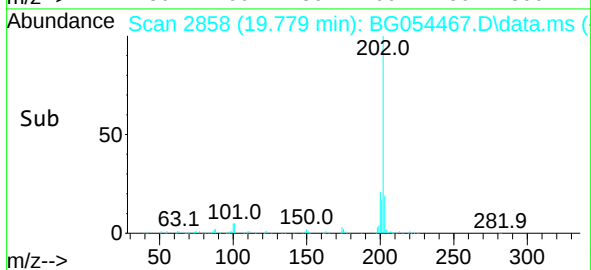
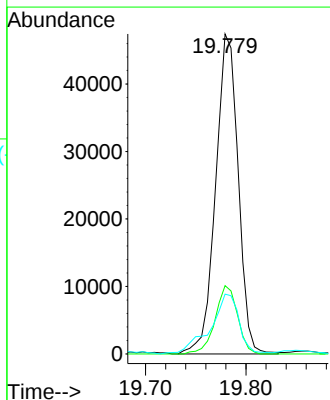
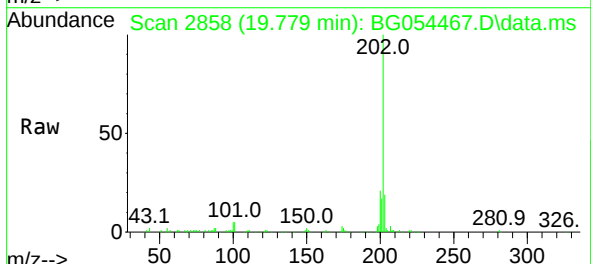
Manual Integrations
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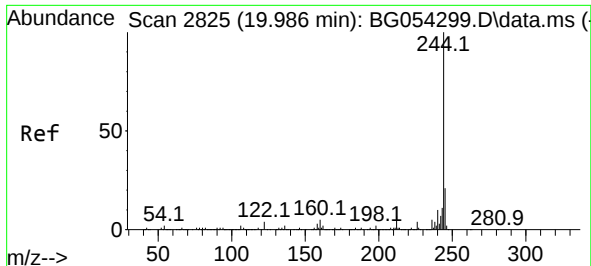
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#78
Pyrene
Concen: 8.568 ng
RT: 19.779 min Scan# 2858
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

Tgt Ion:202 Resp: 74019
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 18.7 14.6 21.8





#79
 Terphenyl-d14
 Concen: 73.051 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054467.D
 Acq: 1 Aug 2022 16:39

Instrument :

BNA_G

ClientSampleId :

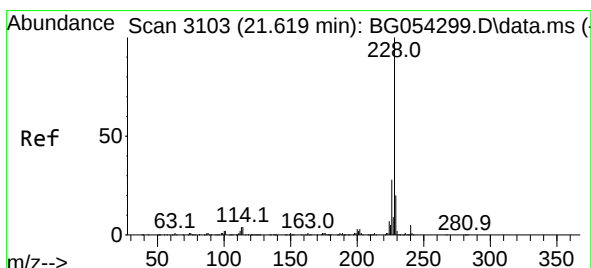
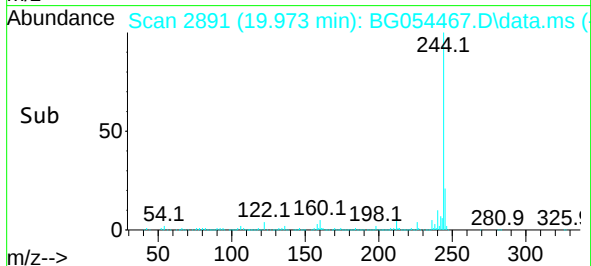
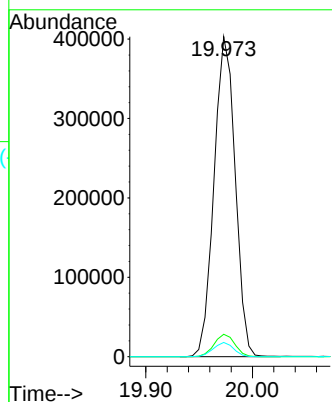
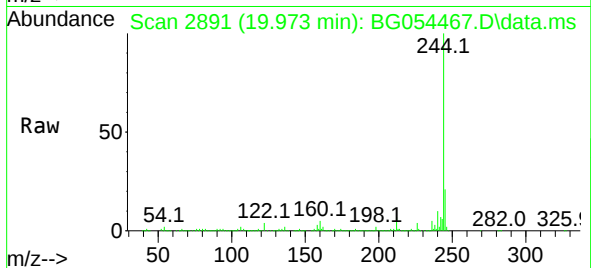
RVE-29

Tgt Ion:244 Resp: 554398
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4

Manual Integrations

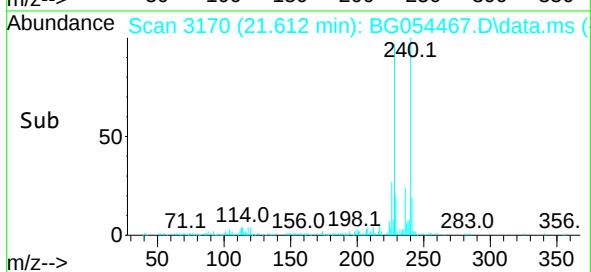
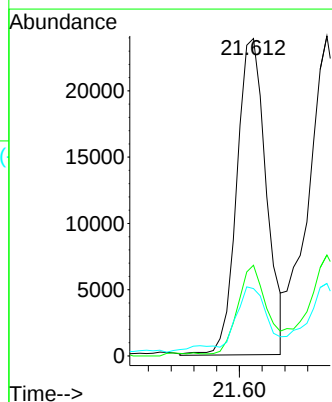
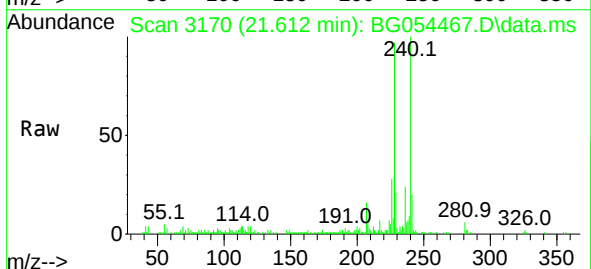
APPROVED

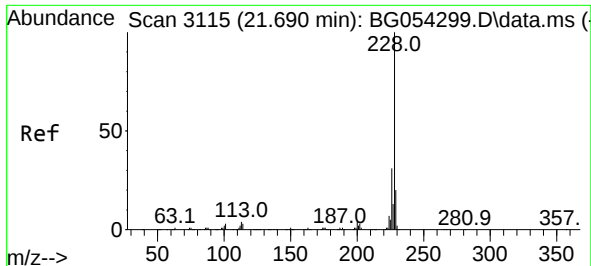
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022



#81
 Benzo(a)anthracene
 Concen: 4.489 ng
 RT: 21.612 min Scan# 3170
 Delta R.T. -0.001 min
 Lab File: BG054467.D
 Acq: 1 Aug 2022 16:39

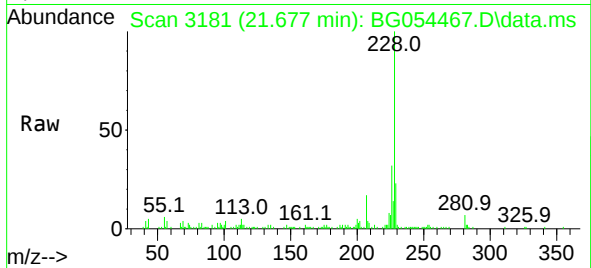
Tgt Ion:228 Resp: 42906
 Ion Ratio Lower Upper
 228 100
 226 28.6 21.6 32.4
 229 21.2 16.2 24.2





#83
Chrysene
Concen: 5.185 ng m
RT: 21.677 min Scan# 3115
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

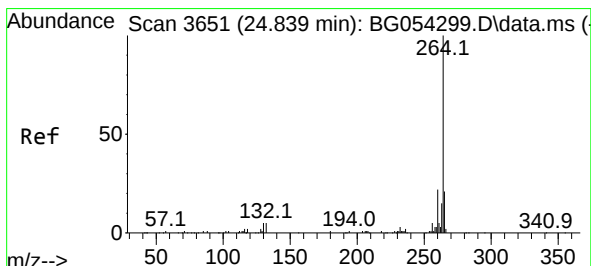
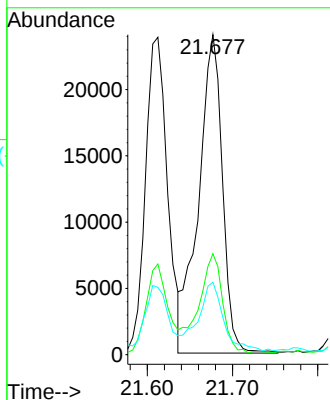
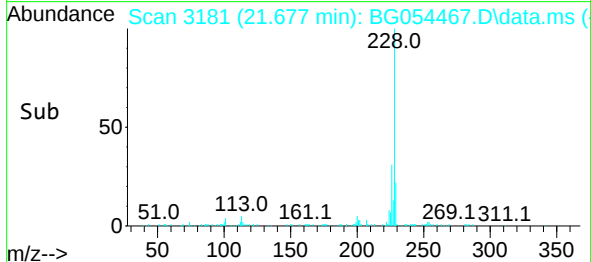
Instrument :
BNA_G
ClientSampleId :
RVE-29



Tgt Ion:228 Resp: 4681
Ion Ratio Lower Upper
228 100
226 31.6 23.4 35.2
229 22.6 15.5 23.3

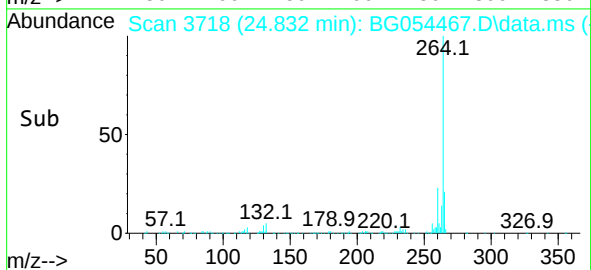
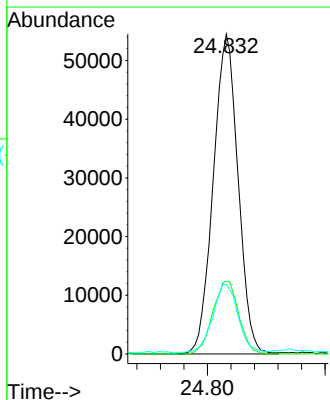
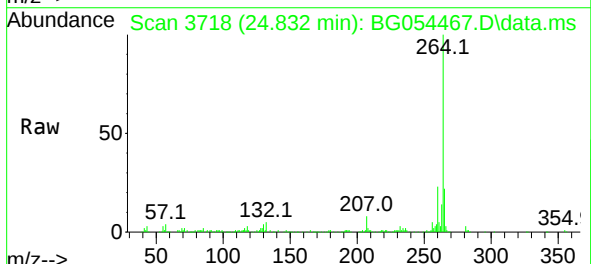
Manual Integrations
APPROVED

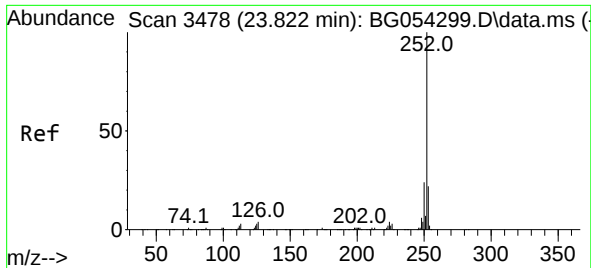
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.832 min Scan# 3718
Delta R.T. -0.001 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

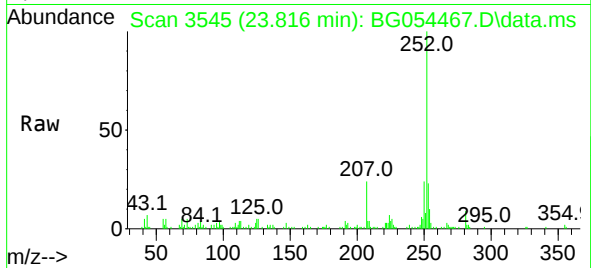
Tgt Ion:264 Resp: 158981
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.7 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 6.602 ng
RT: 23.816 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39

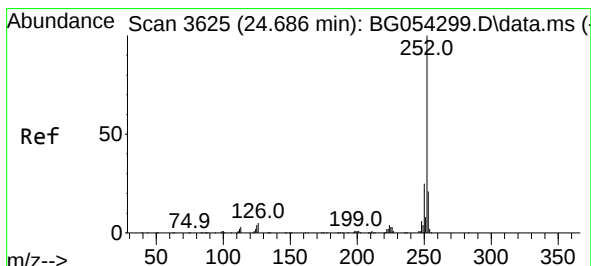
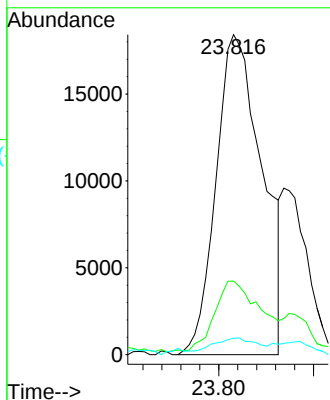
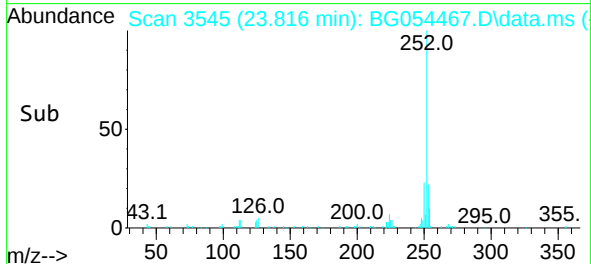
Instrument :
BNA_G
ClientSampleId :
RVE-29



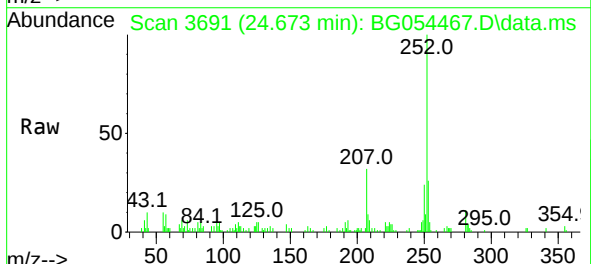
Tgt Ion:252 Resp: 6206
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 5.2 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#90
Benzo(a)pyrene
Concen: 4.641 ng
RT: 24.673 min Scan# 3691
Delta R.T. -0.013 min
Lab File: BG054467.D
Acq: 1 Aug 2022 16:39



Tgt Ion:252 Resp: 37265
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.8
125 4.7 4.3 6.5

