

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054472.D
 Acq On : 1 Aug 2022 20:06
 Operator : CG/JU
 Sample : N3896-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-59D

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 05:46:42 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	7.983	152	17810	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	69816	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	55842	20.000	ng	0.00
64) Phenanthrene-d10	17.366	188	136078	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	152101	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	160796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	86582	101.501	ng	0.00
7) Phenol-d6	7.178	99	123208	105.410	ng	0.00
23) Nitrobenzene-d5	9.146	82	83576	65.190	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	119616	102.020	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	270691	68.383	ng	0.00
79) Terphenyl-d14	19.974	244	554567	72.330	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.422	202	37927	4.106	ng	93
78) Pyrene	19.781	202	32992	3.780	ng	99
88) Benzo(b)fluoranthene	23.823	252	29529	3.105	ng	97
90) Benzo(a)pyrene	24.681	252	17141	2.111	ng	# 91

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

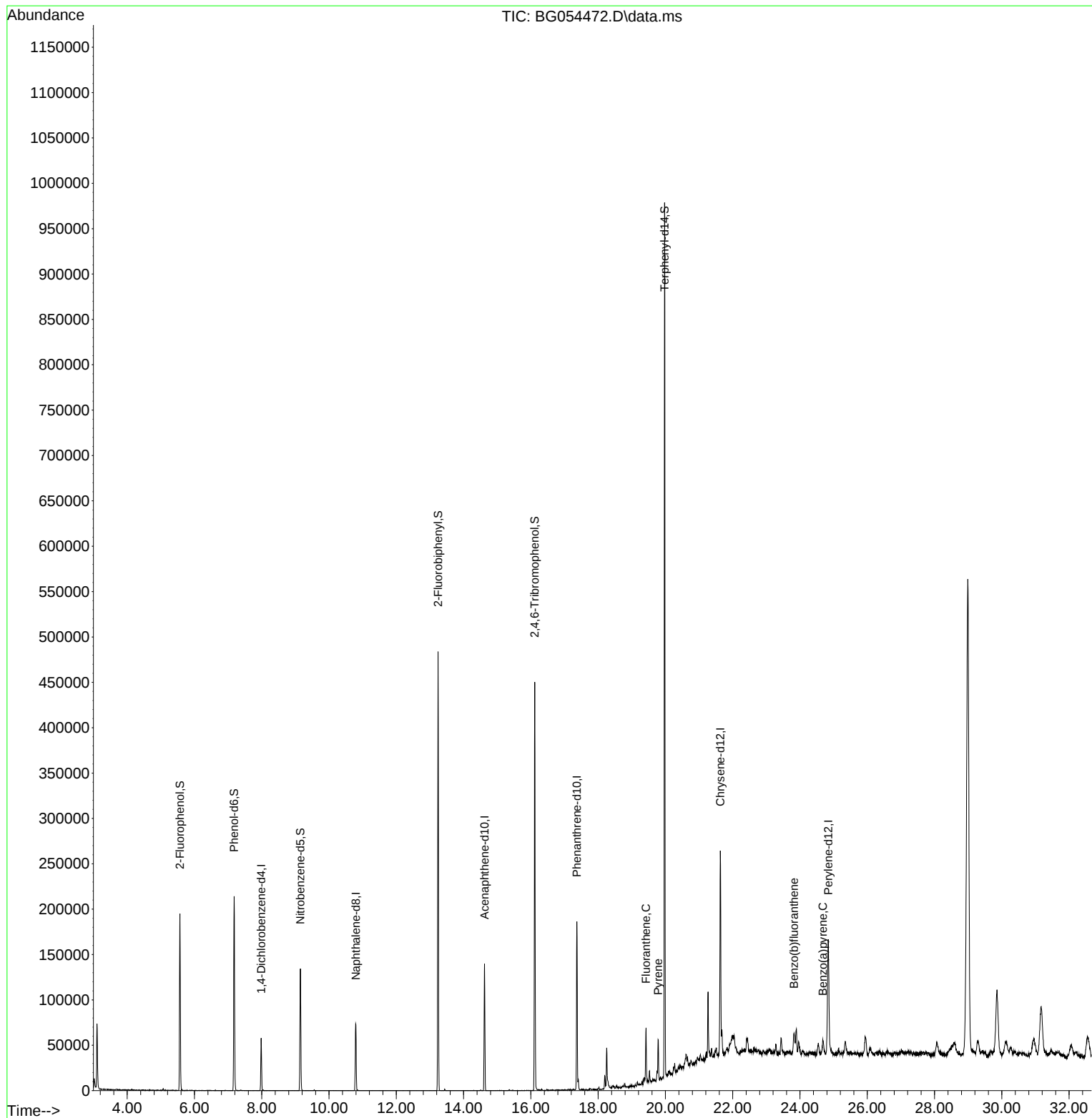
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054472.D
Acq On : 1 Aug 2022 20:06
Operator : CG/JU
Sample : N3896-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

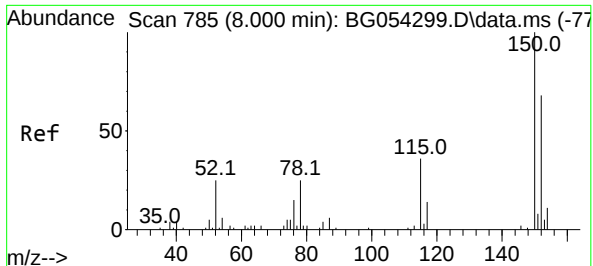
Instrument :
BNA_G
ClientSampleId :
RVE-59D

Quant Time: Aug 02 05:46:42 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

Manual Integrations
APPROVED

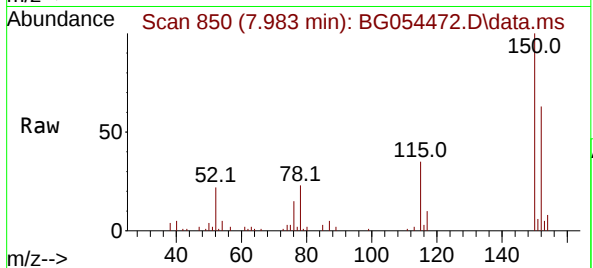
Reviewed By : Christian Giraldo 08/02/2022
Supervised By : Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.983 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

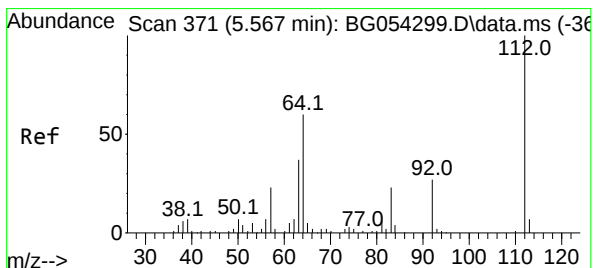
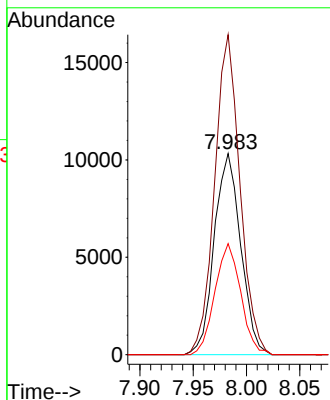
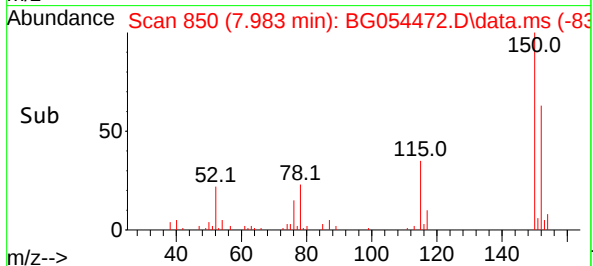
Instrument :
BNA_G
ClientSampleId :
RVE-59D



Tgt Ion:152 Resp: 17810
Ion Ratio Lower Upper
152 100
150 159.1 131.6 197.4
115 55.2 50.9 76.3

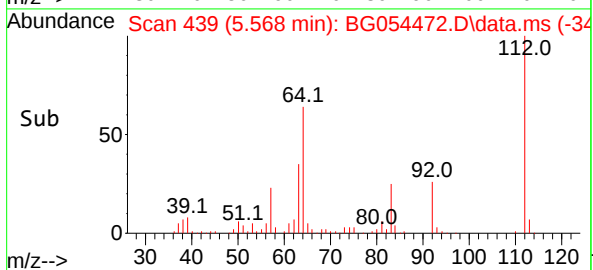
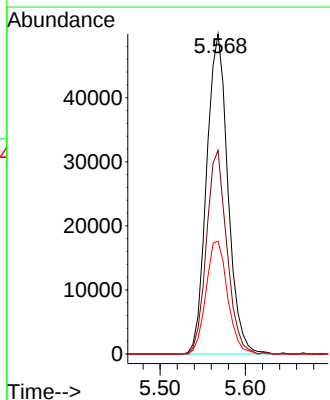
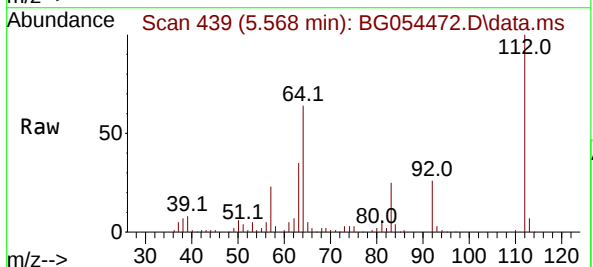
Manual Integrations
APPROVED

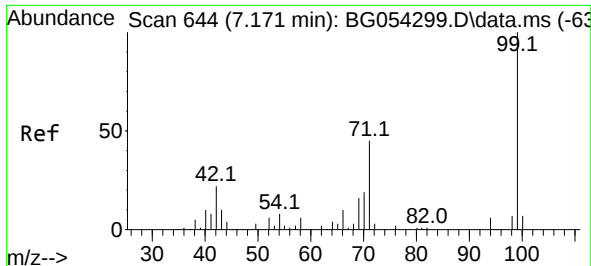
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#5
2-Fluorophenol
Concen: 101.501 ng
RT: 5.568 min Scan# 439
Delta R.T. 0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

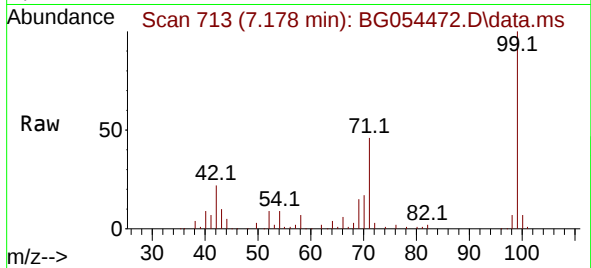
Tgt Ion:112 Resp: 86582
Ion Ratio Lower Upper
112 100
64 63.6 55.1 82.7
63 35.2 30.4 45.6





#7
Phenol-d6
Concen: 105.410 ng
RT: 7.178 min Scan# 71
Delta R.T. 0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

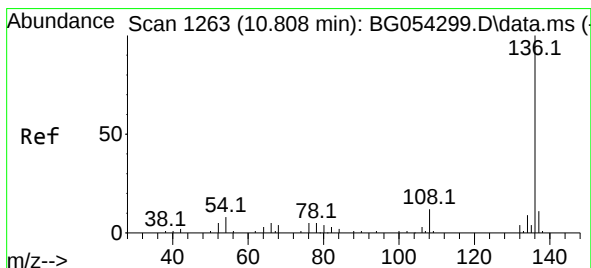
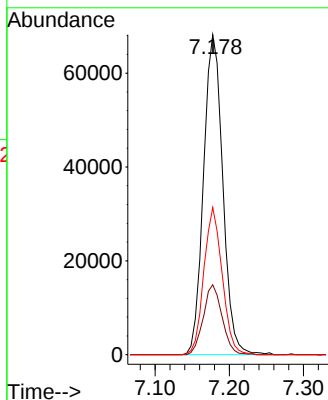
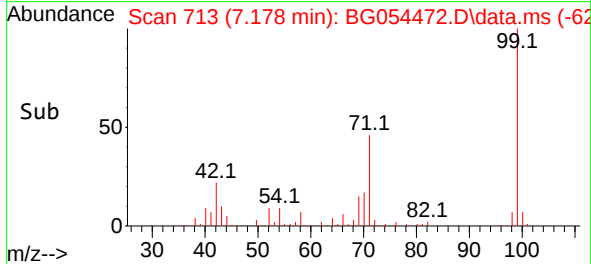
Instrument :
BNA_G
ClientSampleId :
RVE-59D



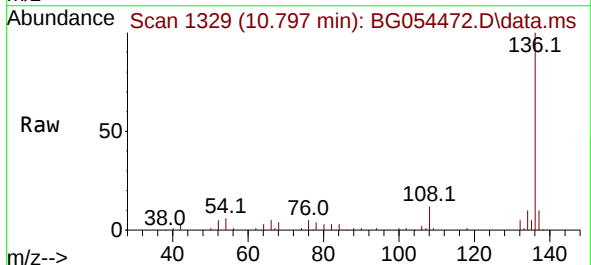
Tgt Ion: 99 Resp: 123208
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 46.0 33.8 50.8

Manual Integrations
APPROVED

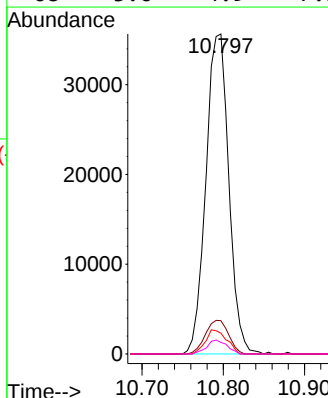
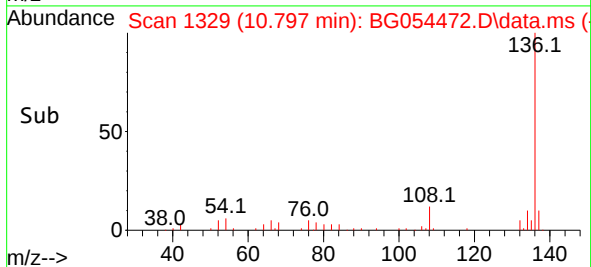
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

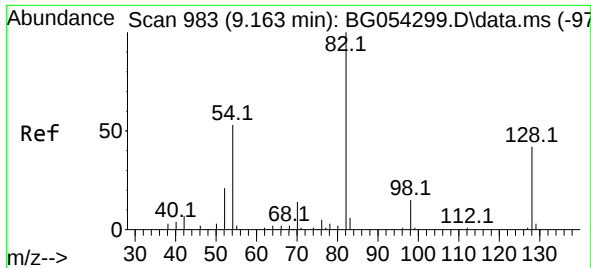


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.797 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06



Tgt Ion:136 Resp: 69816
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 6.5 7.4 11.2#
68 3.6 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 65.190 ng
RT: 9.146 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

Instrument :

BNA_G

ClientSampleId :

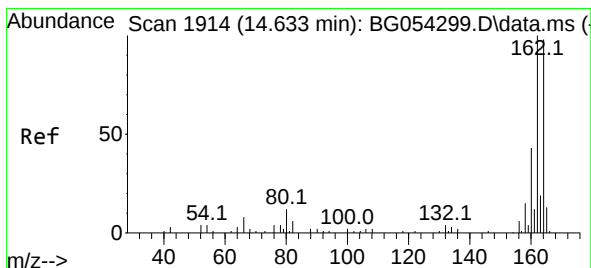
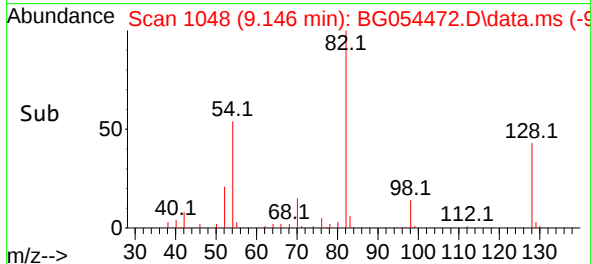
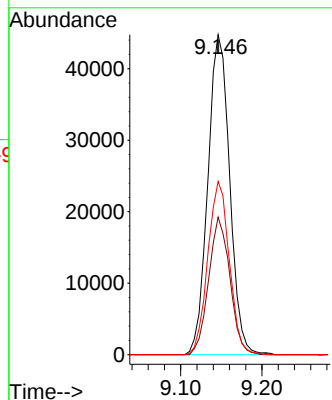
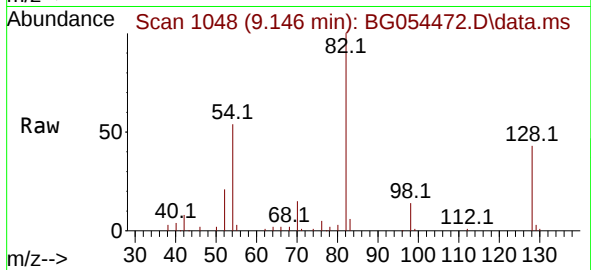
RVE-59D

Tgt Ion: 82 Resp: 83570
Ion Ratio Lower Upper
82 100
128 43.0 27.9 41.9
54 54.1 41.2 61.8

Manual Integrations

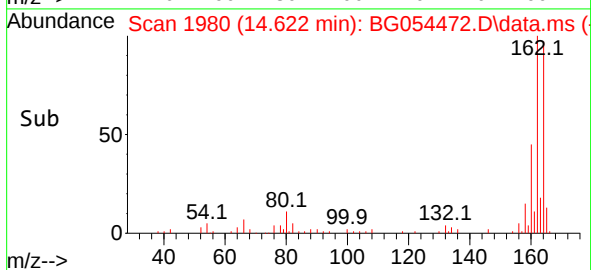
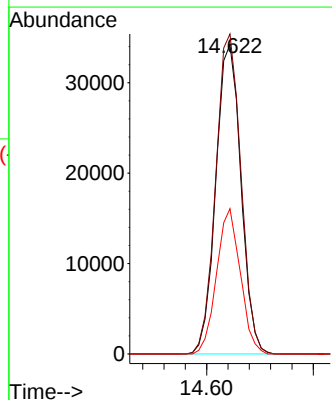
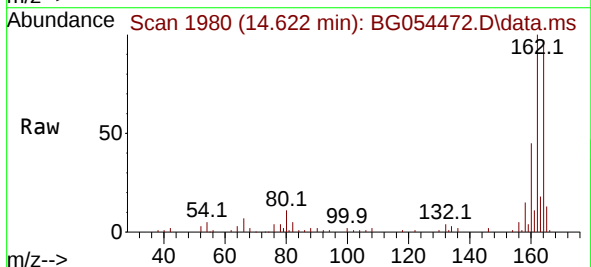
APPROVED

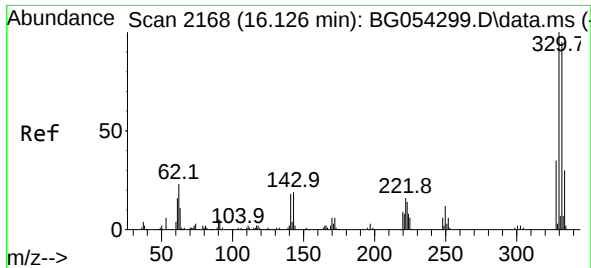
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

Tgt Ion:164 Resp: 55842
Ion Ratio Lower Upper
164 100
162 103.4 82.3 123.5
160 47.0 34.2 51.2





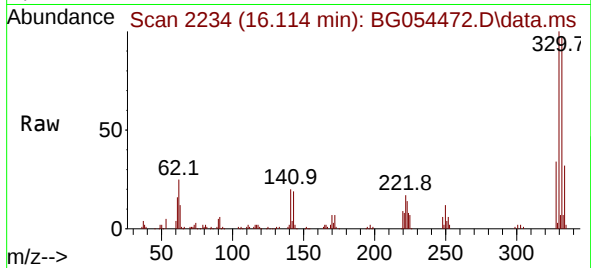
#42
2,4,6-Tribromophenol
Concen: 102.020 ng
RT: 16.114 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

Instrument :

BNA_G

ClientSampleId :

RVE-59D

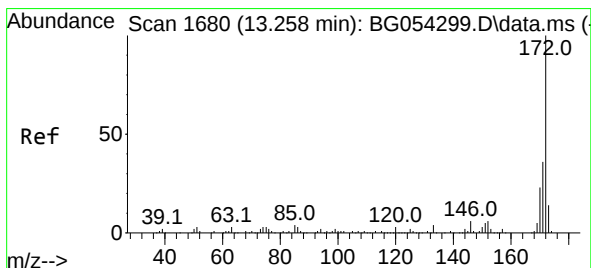
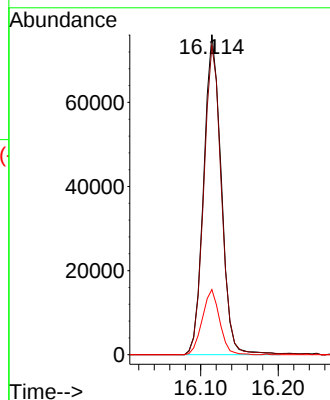
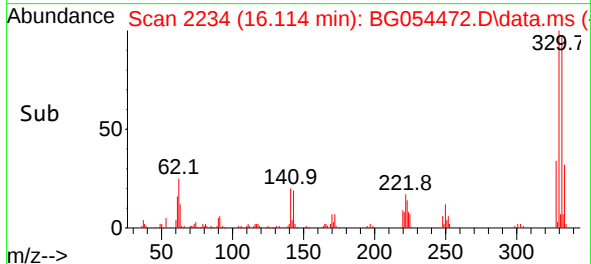


Tgt Ion:330 Resp: 119610
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 20.0 27.1 40.7

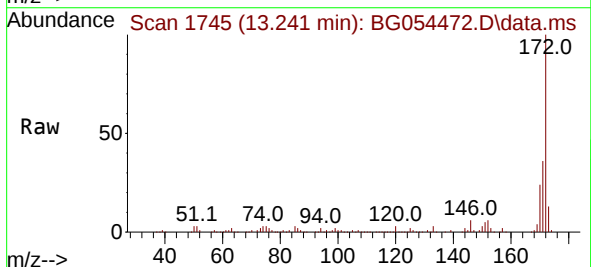
Manual Integrations

APPROVED

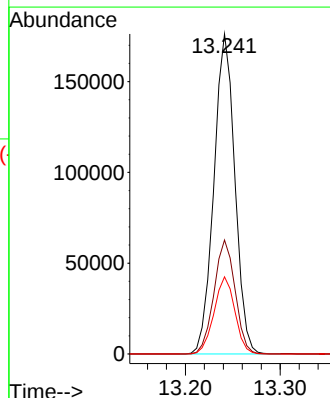
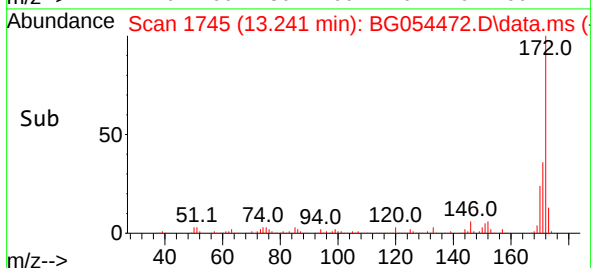
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

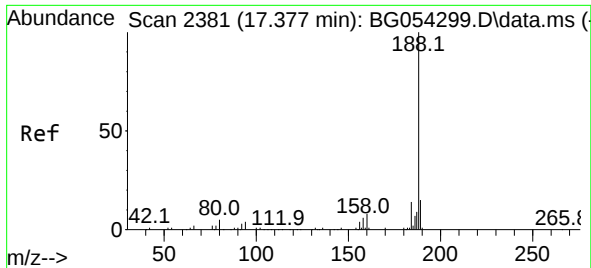


#45
2-Fluorobiphenyl
Concen: 68.383 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06



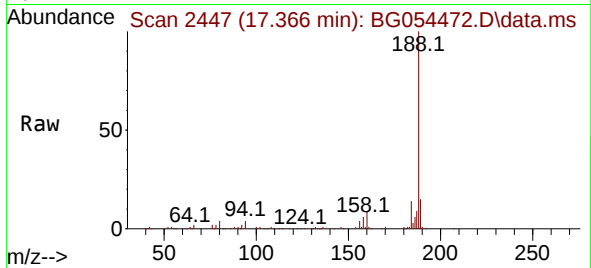
Tgt Ion:172 Resp: 270691
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.1 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.366 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

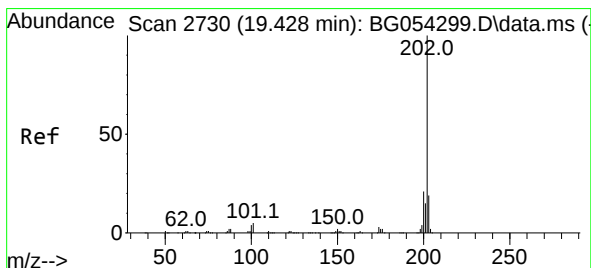
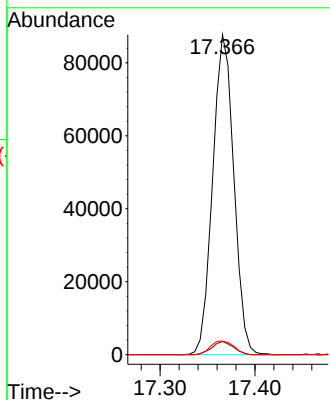
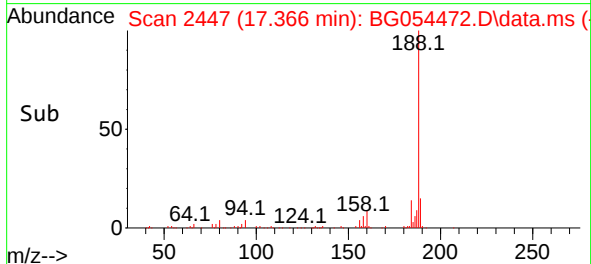
Instrument :
BNA_G
ClientSampleId :
RVE-59D



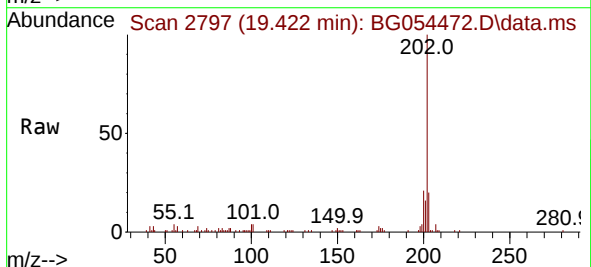
Tgt Ion:188 Resp: 136078
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0
80 4.2 6.8 10.2

Manual Integrations
APPROVED

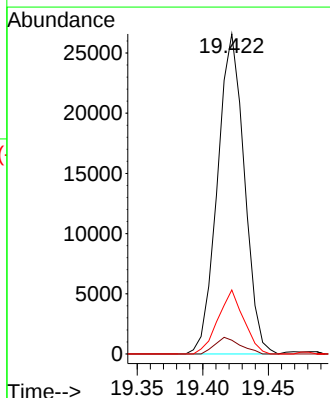
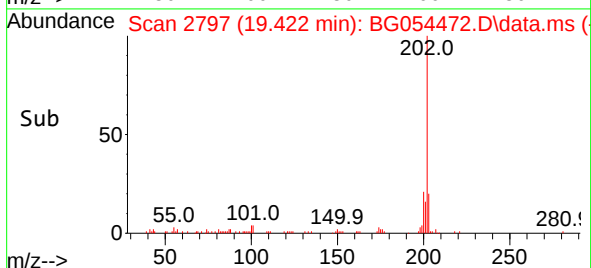
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

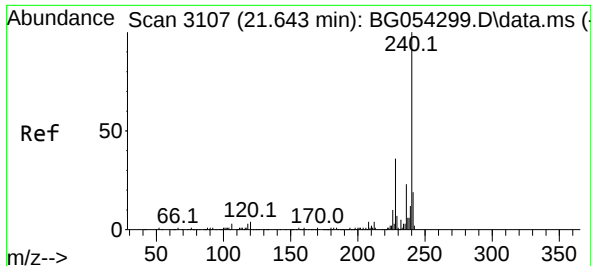


#75
Fluoranthene
Concen: 4.106 ng
RT: 19.422 min Scan# 2797
Delta R.T. 0.000 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06



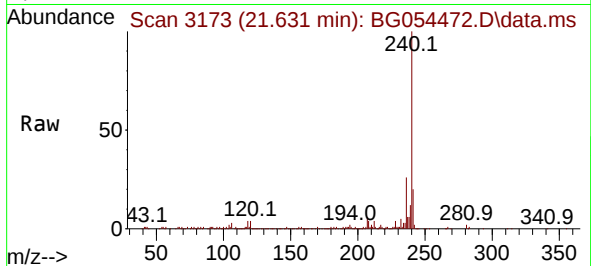
Tgt Ion:202 Resp: 37927
Ion Ratio Lower Upper
202 100
101 4.3 0.0 26.9
203 20.0 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

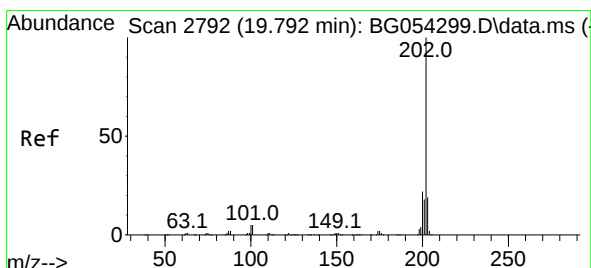
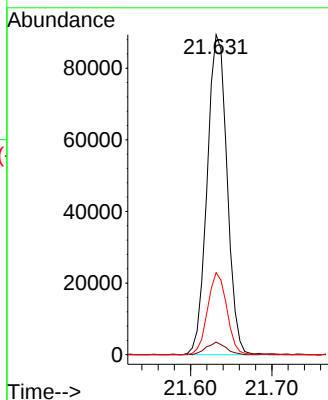
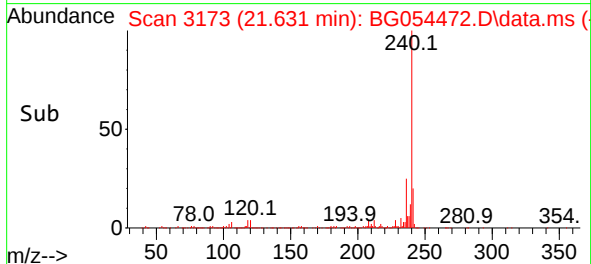
Instrument :
BNA_G
ClientSampleId :
RVE-59D



Tgt Ion:240 Resp: 15210
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0
236 25.6 20.2 30.4

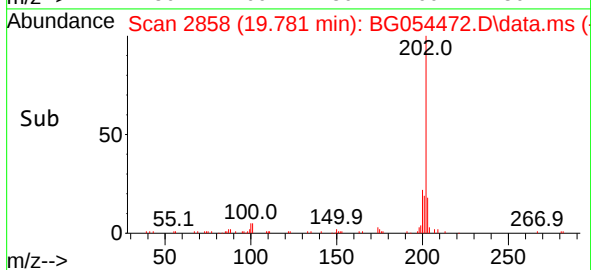
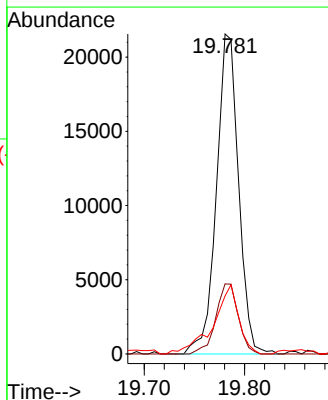
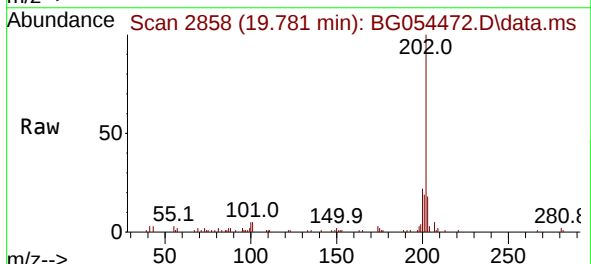
Manual Integrations
APPROVED

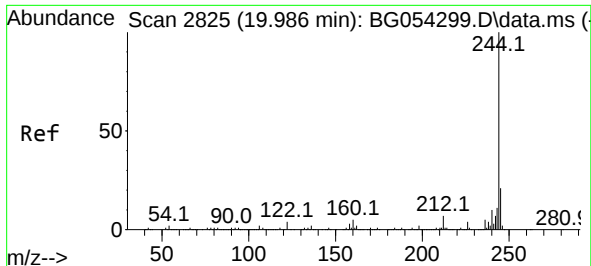
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#78
Pyrene
Concen: 3.780 ng
RT: 19.781 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

Tgt Ion:202 Resp: 32992
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 18.2 14.6 21.8





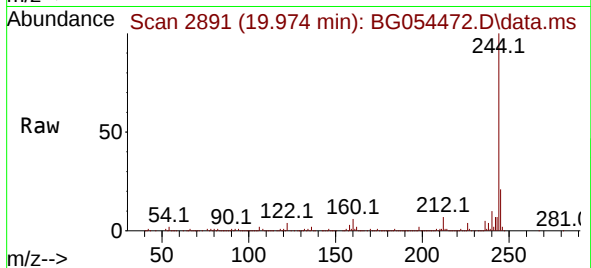
#79
 Terphenyl-d14
 Concen: 72.330 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054472.D
 Acq: 1 Aug 2022 20:06

Instrument :

BNA_G

ClientSampleId :

RVE-59D

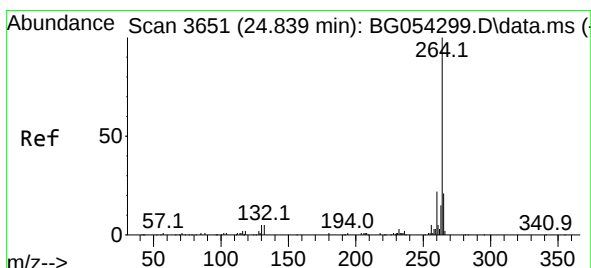
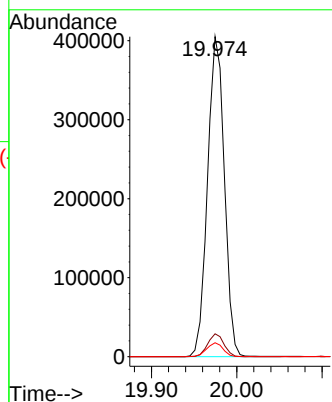
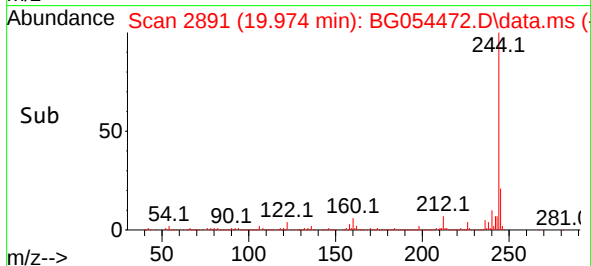


Tgt Ion:244 Resp: 55456
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.4 5.0 7.4

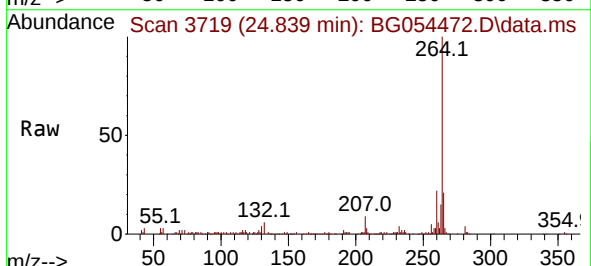
Manual Integrations

APPROVED

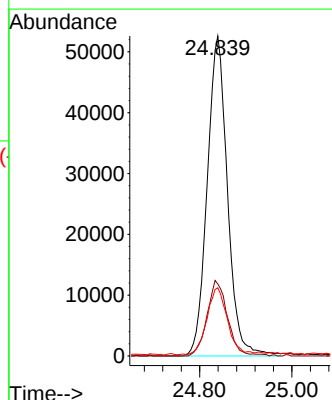
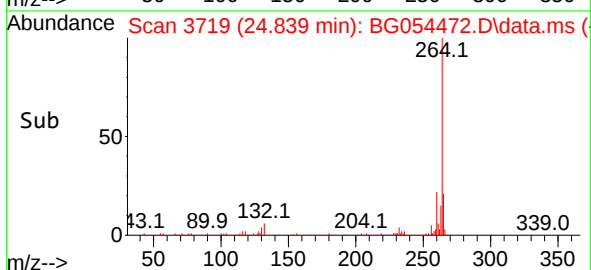
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022

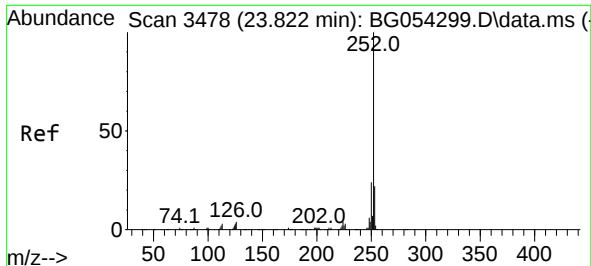


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054472.D
 Acq: 1 Aug 2022 20:06



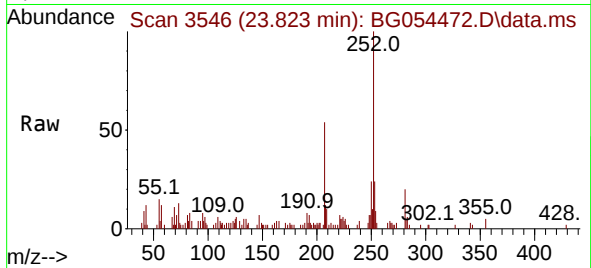
Tgt Ion:264 Resp: 160796
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.3 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 3.105 ng
RT: 23.823 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06

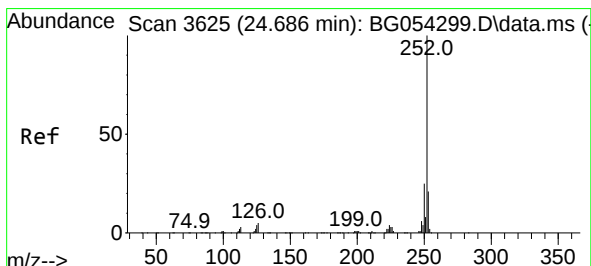
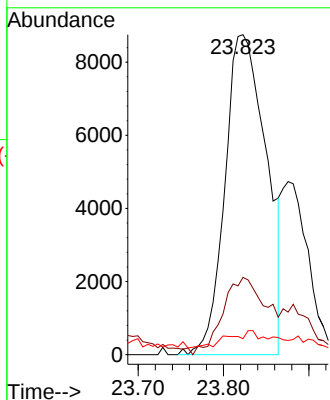
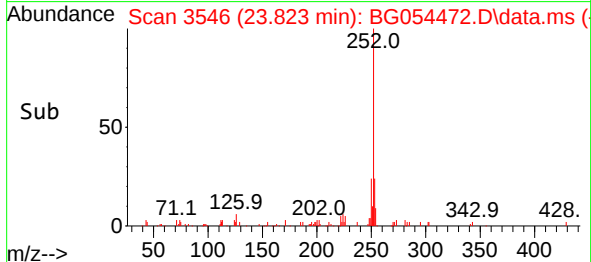
Instrument :
BNA_G
ClientSampleId :
RVE-59D



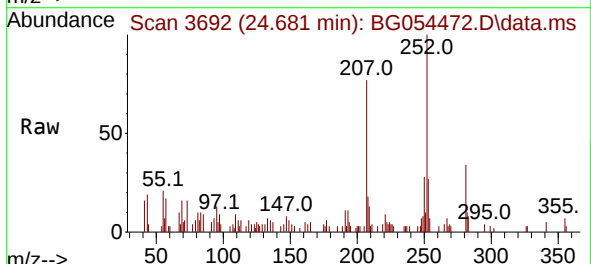
Tgt Ion:252 Resp: 29529
Ion Ratio Lower Upper
252 100
253 24.2 18.0 27.0
125 5.0 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.111 ng
RT: 24.681 min Scan# 3692
Delta R.T. -0.006 min
Lab File: BG054472.D
Acq: 1 Aug 2022 20:06



Tgt Ion:252 Resp: 17141
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 5.3 4.3 6.5

