

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
 Data File : BG054485.D
 Acq On : 2 Aug 2022 16:08
 Operator : CG/JU
 Sample : N3895-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-50

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/03/2022
 Supervised By : Jagrut Upadhyay 08/04/2022

Quant Time: Aug 03 04:13:59 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	7.984	152	18412	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	70097	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	52423	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	128302	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	144552	20.000	ng	# 0.00
86) Perylene-d12	24.847	264	154407	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	119981	136.056	ng	0.00
7) Phenol-d6	7.185	99	162722	134.664	ng	0.01
23) Nitrobenzene-d5	9.148	82	110834	86.105	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	153652	139.596	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	341629	91.932	ng	0.00
79) Terphenyl-d14	19.976	244	687437	94.342	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.424	202	31738	3.644	ng	98
78) Pyrene	19.782	202	37276	4.494	ng	98
83) Chrysene	21.680	228	23468m	2.707	ng	
88) Benzo(b)fluoranthene	23.831	252	30195	3.307	ng	# 96
90) Benzo(a)pyrene	24.694	252	20704	2.655	ng	94

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

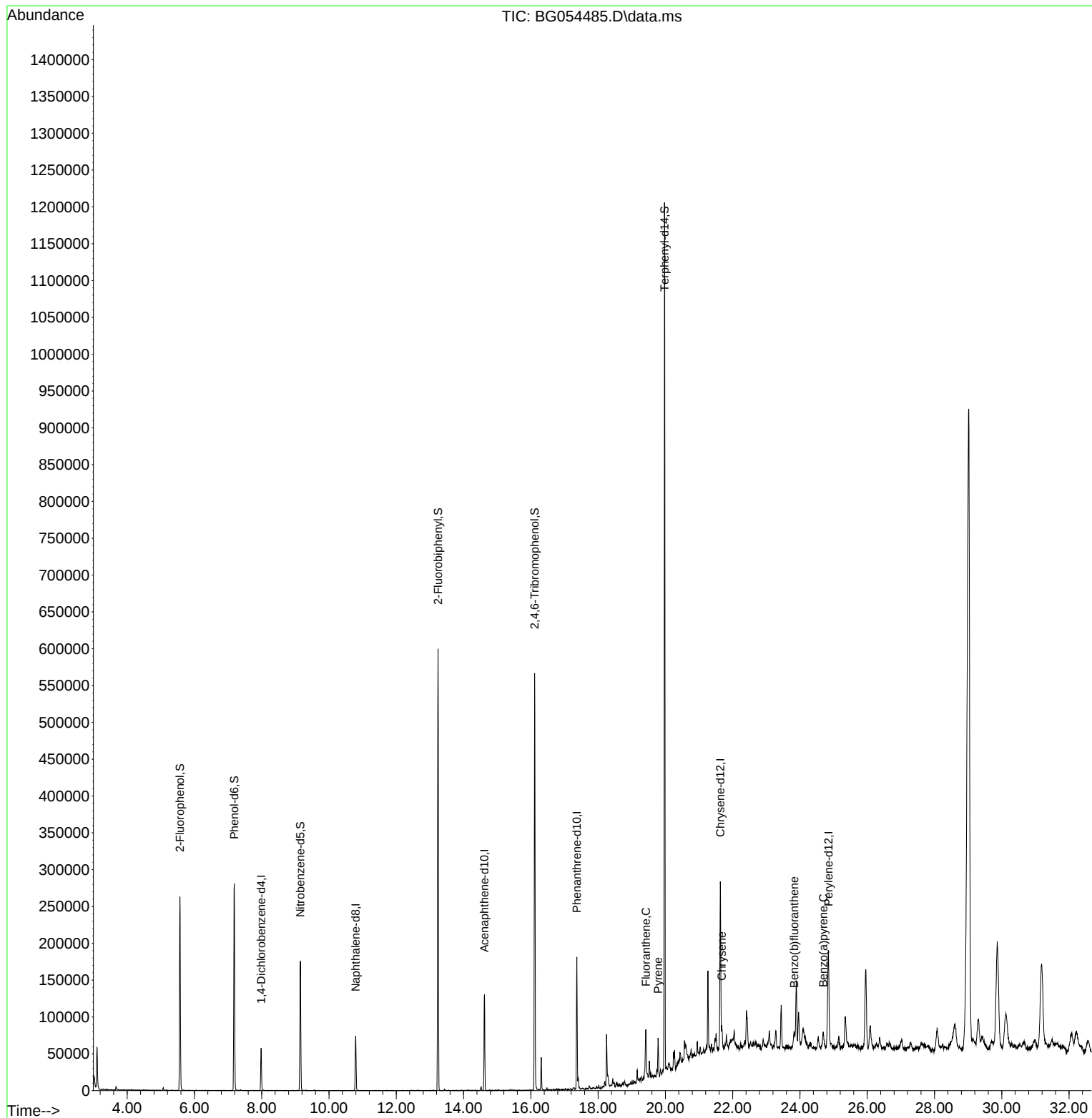
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080222\
Data File : BG054485.D
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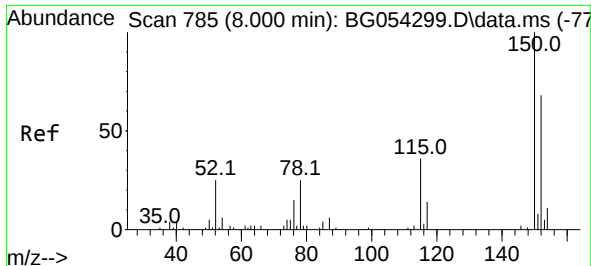
Instrument :
BNA_G
ClientSampleId :
RVE-50

Quant Time: Aug 03 04:13:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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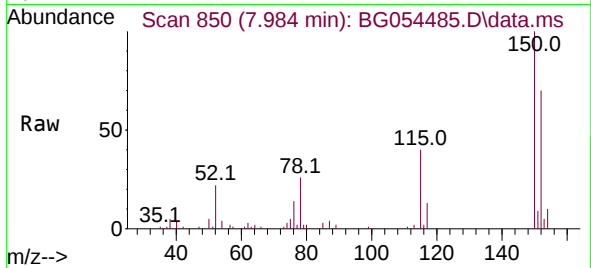
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

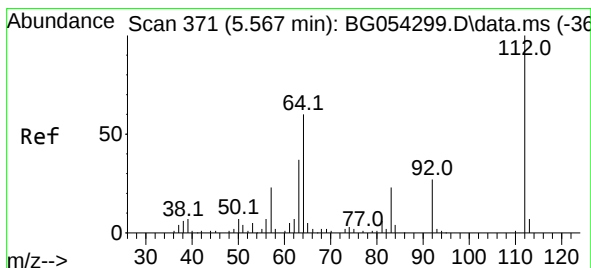
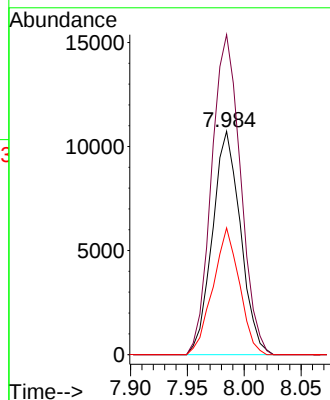
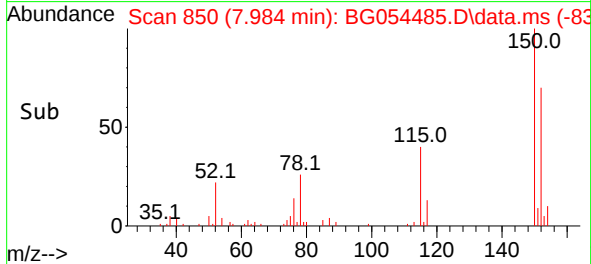
Instrument :
BNA_G
ClientSampleId :
RVE-50



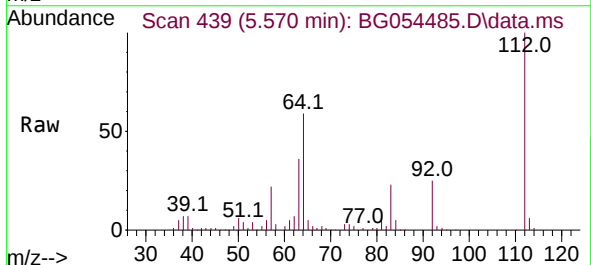
Tgt Ion:152 Resp: 18412
Ion Ratio Lower Upper
152 100
150 143.3 131.6 197.4
115 56.8 50.9 76.3

Manual Integrations
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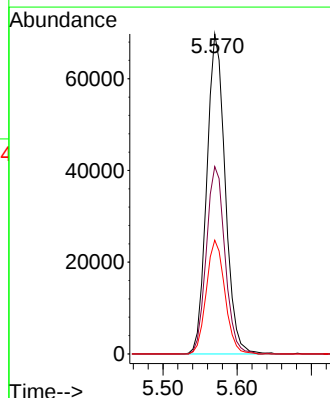
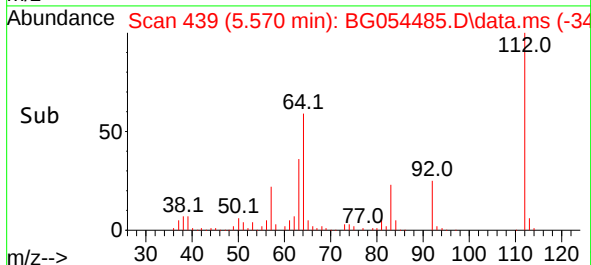
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

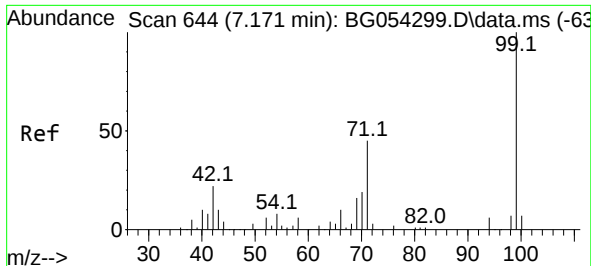


#5
2-Fluorophenol
Concen: 136.056 ng
RT: 5.570 min Scan# 439
Delta R.T. 0.008 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08



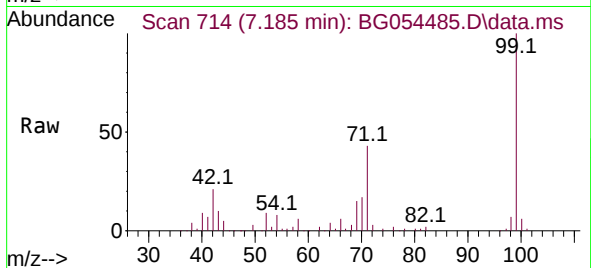
Tgt Ion:112 Resp: 119981
Ion Ratio Lower Upper
112 100
64 58.5 55.1 82.7
63 35.5 30.4 45.6





#7
Phenol-d6
Concen: 134.664 ng
RT: 7.185 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

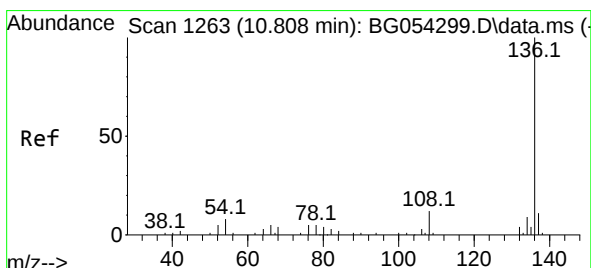
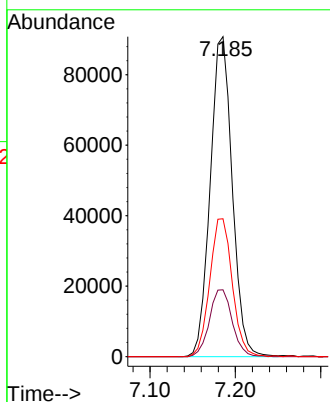
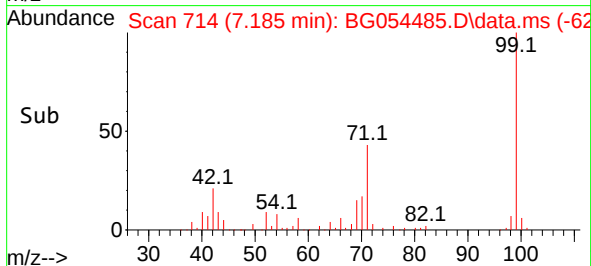
Instrument :
BNA_G
ClientSampleId :
RVE-50



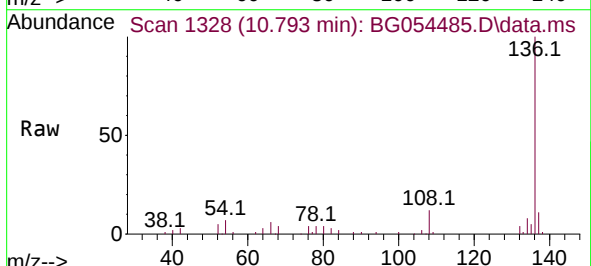
Tgt Ion: 99 Resp: 16272
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 43.1 33.8 50.8

Manual Integrations
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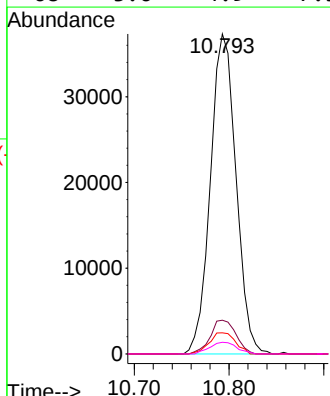
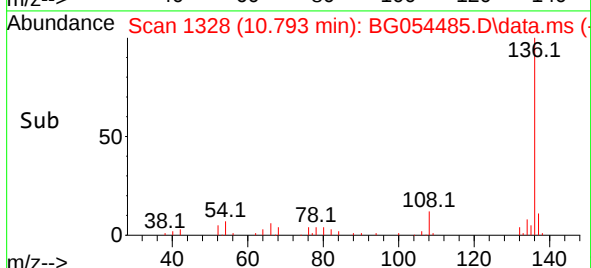
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

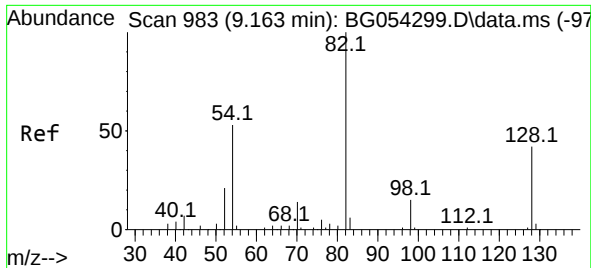


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08



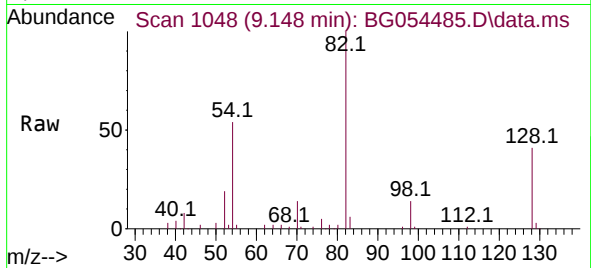
Tgt Ion:136 Resp: 70097
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.6 7.4 11.2#
68 3.6 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 86.105 ng
RT: 9.148 min Scan# 10
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

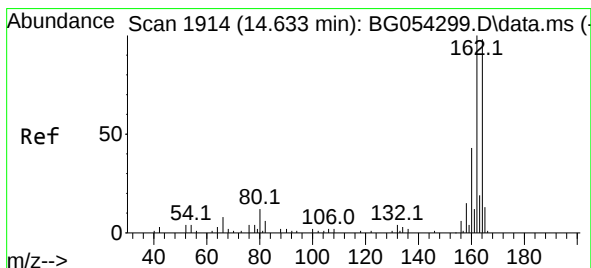
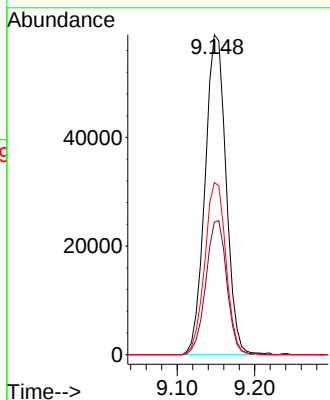
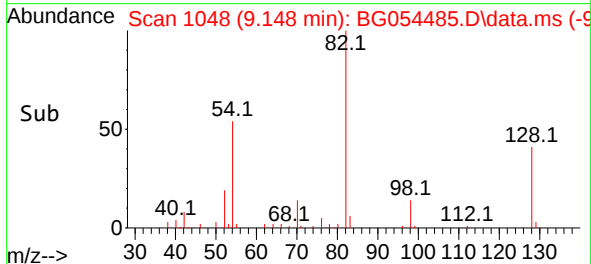
Instrument :
BNA_G
ClientSampleId :
RVE-50



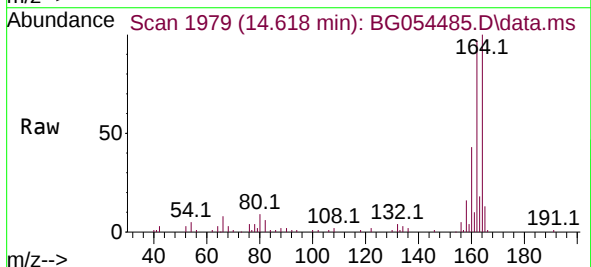
Tgt Ion: 82 Resp: 110834
Ion Ratio Lower Upper
82 100
128 41.4 27.9 41.9
54 53.8 41.2 61.8

Manual Integrations
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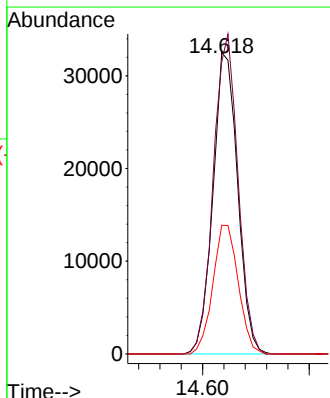
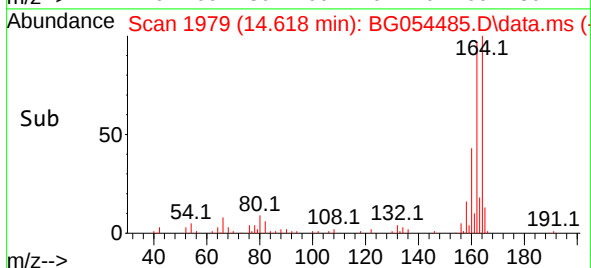
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

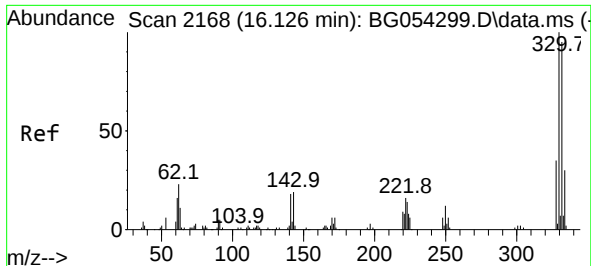


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08



Tgt Ion:164 Resp: 52423
Ion Ratio Lower Upper
164 100
162 96.9 82.3 123.5
160 42.7 34.2 51.2





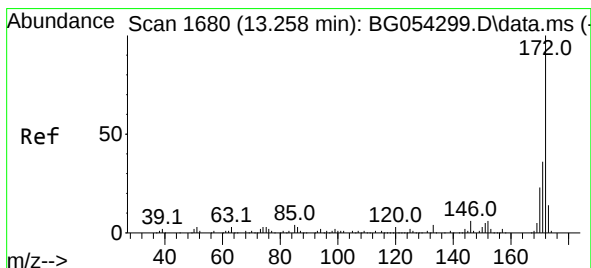
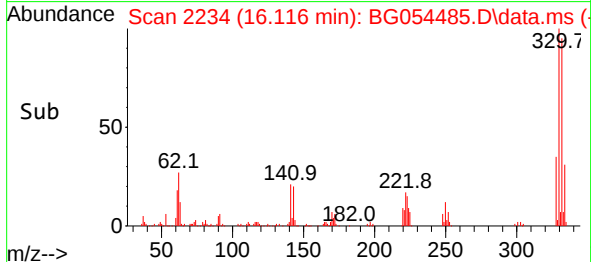
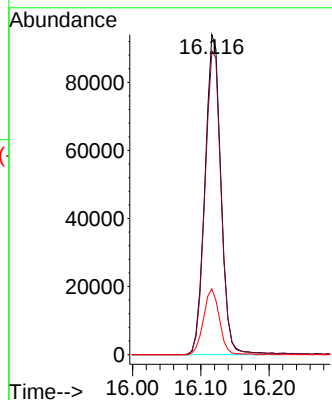
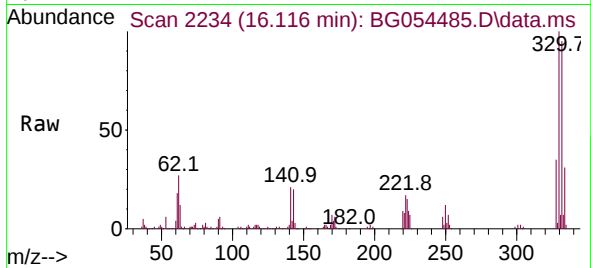
#42
2,4,6-Tribromophenol
Concen: 139.596 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

Instrument :
BNA_G
ClientSampleId :
RVE-50

Tgt Ion:330 Resp: 153652
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 20.3 27.1 40.7

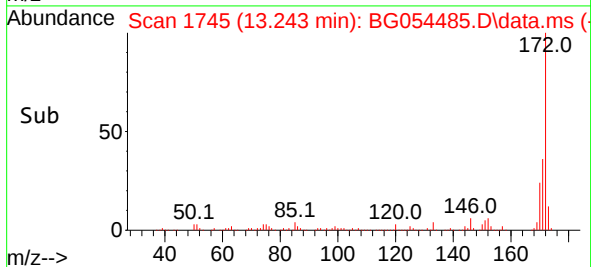
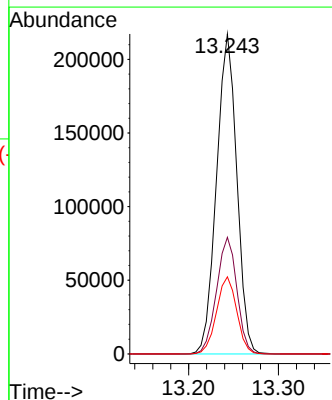
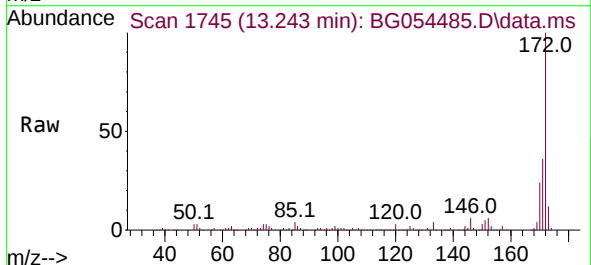
Manual Integrations
APPROVED

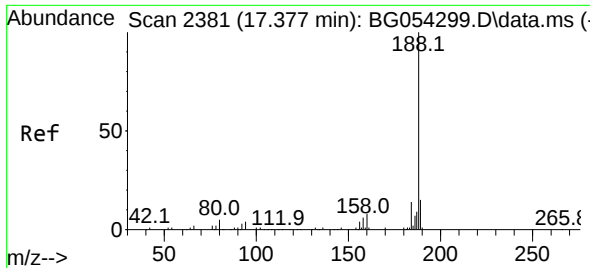
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#45
2-Fluorobiphenyl
Concen: 91.932 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

Tgt Ion:172 Resp: 341629
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.1 18.9 28.3





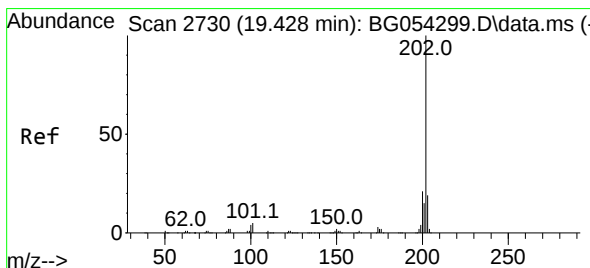
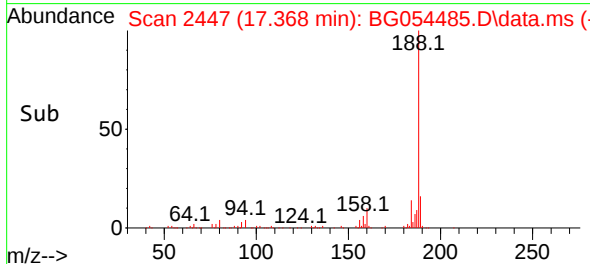
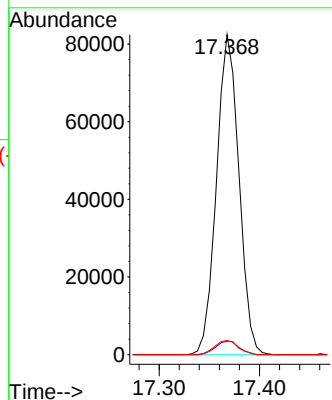
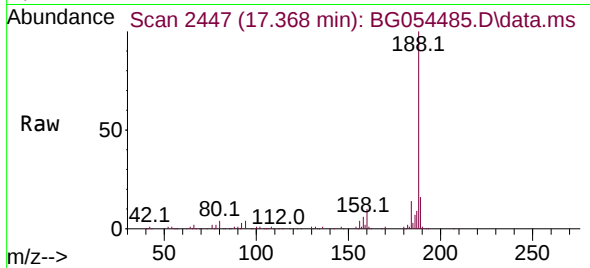
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

Instrument :
BNA_G
ClientSampleId :
RVE-50

Tgt Ion:188 Resp: 128302
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0
80 4.5 6.8 10.2

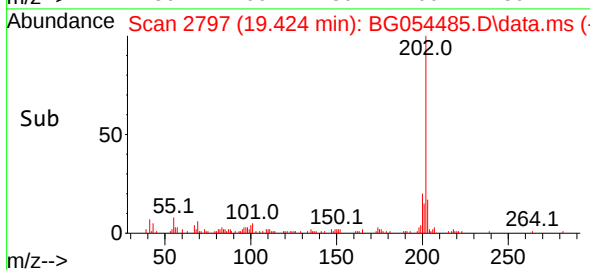
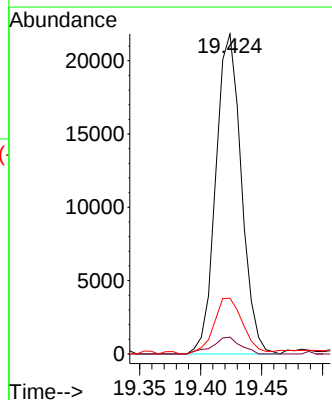
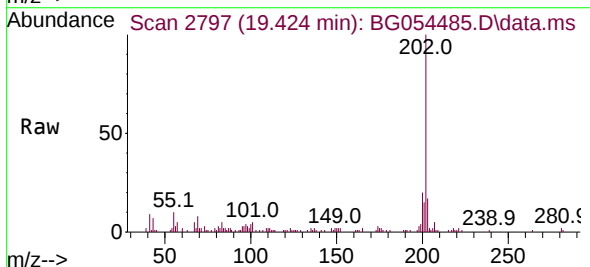
Manual Integrations
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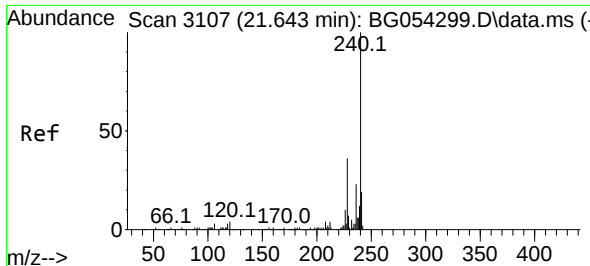
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022



#75
Fluoranthene
Concen: 3.644 ng
RT: 19.424 min Scan# 2797
Delta R.T. 0.002 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

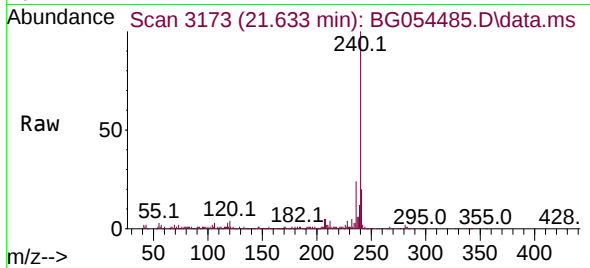
Tgt Ion:202 Resp: 31738
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.9
203 17.4 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

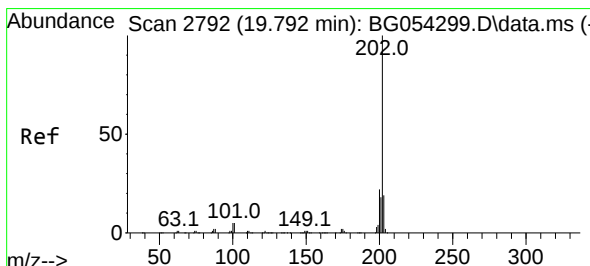
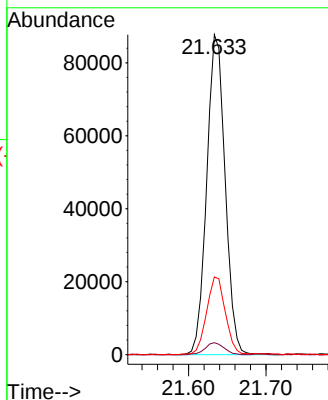
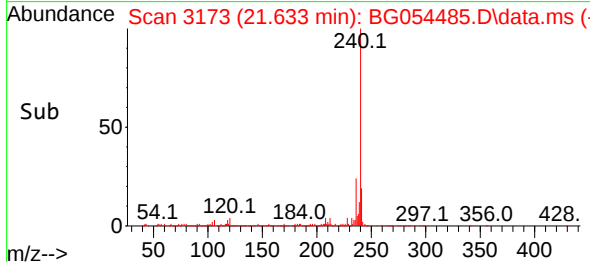
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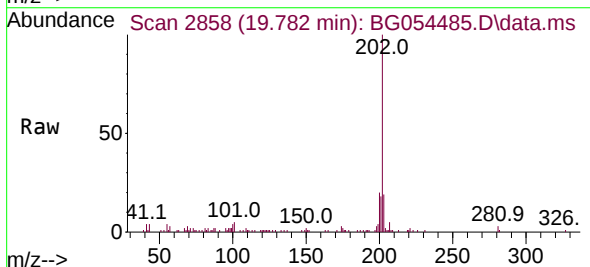
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Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0
236 24.3 20.2 30.4

Manual Integrations
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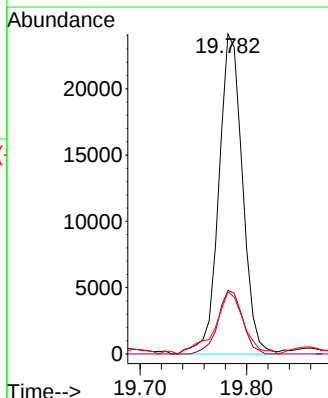
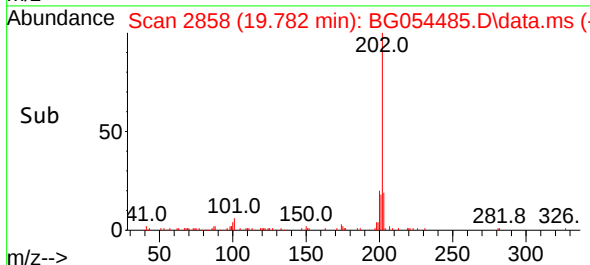
Reviewed By :Christian Giraldo 08/03/2022
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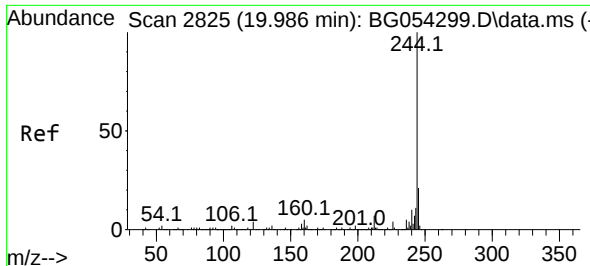


#78
Pyrene
Concen: 4.494 ng
RT: 19.782 min Scan# 2858
Delta R.T. -0.004 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08



Tgt Ion:202 Resp: 37276
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 19.4 14.6 21.8





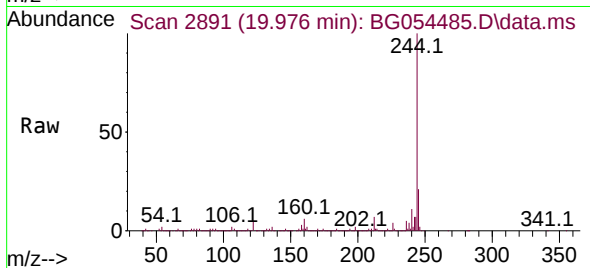
#79
 Terphenyl-d14
 Concen: 94.342 ng
 RT: 19.976 min Scan# 2825
 Delta R.T. -0.004 min
 Lab File: BG054485.D
 Acq: 2 Aug 2022 16:08

Instrument :

BNA_G

ClientSampleId :

RVE-50

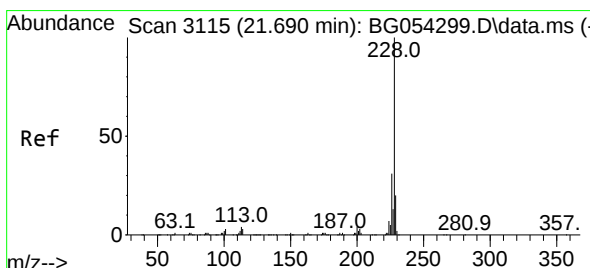
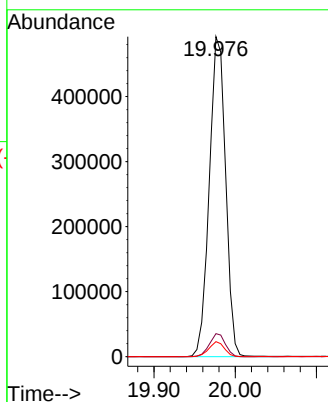
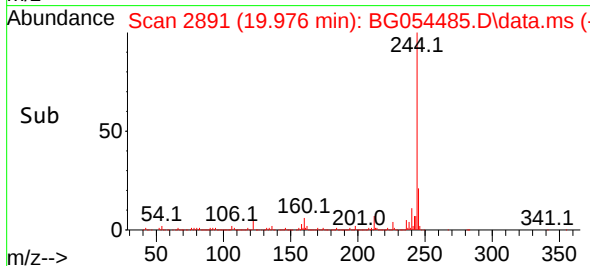


Tgt Ion:244 Resp: 687437
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.7 5.0 7.4

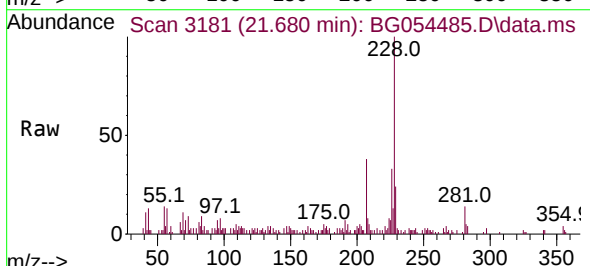
Manual Integrations

APPROVED

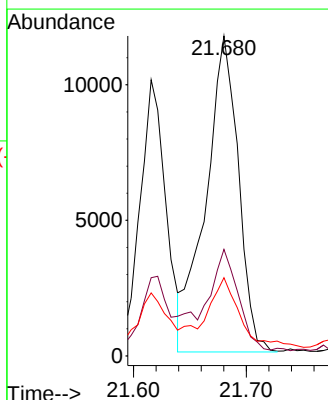
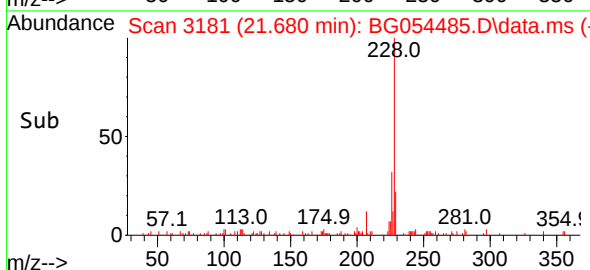
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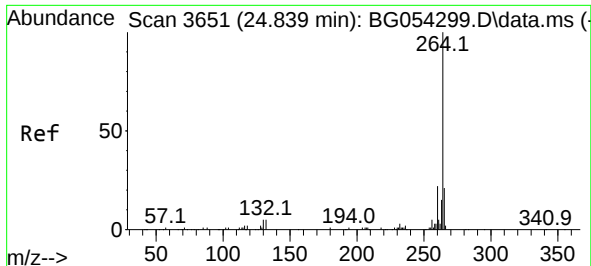


#83
 Chrysene
 Concen: 2.707 ng m
 RT: 21.680 min Scan# 3181
 Delta R.T. -0.004 min
 Lab File: BG054485.D
 Acq: 2 Aug 2022 16:08



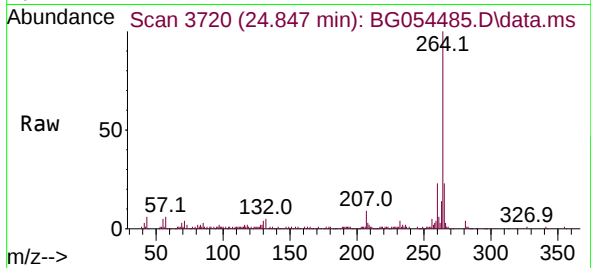
Tgt Ion:228 Resp: 23468
 Ion Ratio Lower Upper
 228 100
 226 33.3 23.4 35.2
 229 24.4 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.847 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08

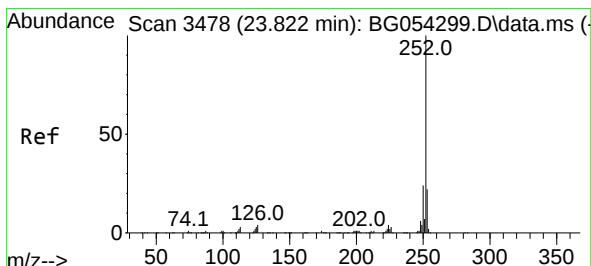
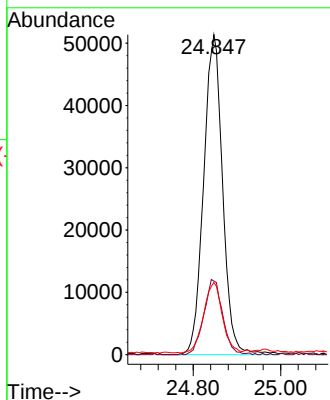
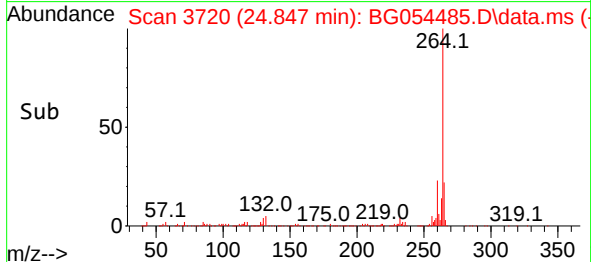
Instrument :
BNA_G
ClientSampleId :
RVE-50



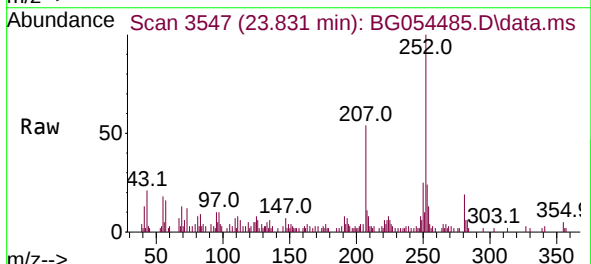
Tgt Ion:264 Resp: 15440
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 22.5 17.4 26.2

Manual Integrations
APPROVED

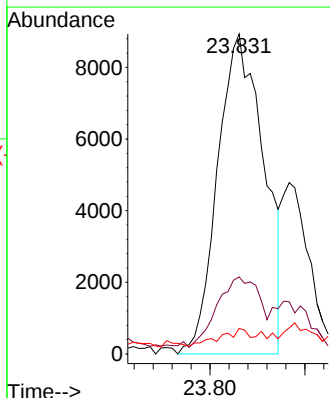
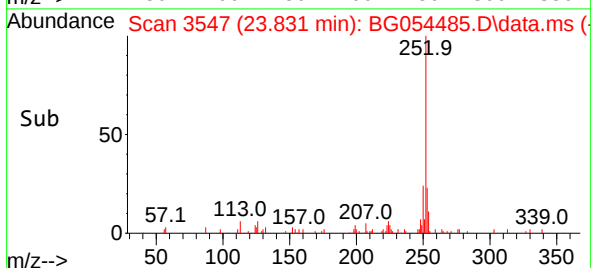
Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

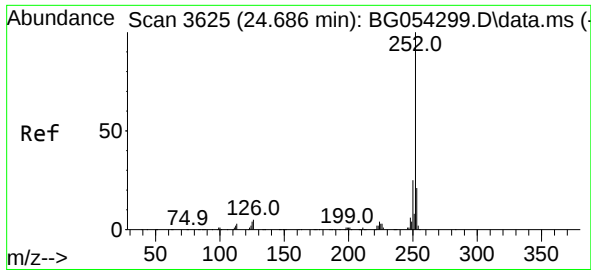


#88
Benzo(b)fluoranthene
Concen: 3.307 ng
RT: 23.831 min Scan# 3547
Delta R.T. 0.008 min
Lab File: BG054485.D
Acq: 2 Aug 2022 16:08



Tgt Ion:252 Resp: 30195
Ion Ratio Lower Upper
252 100
253 24.0 18.0 27.0
125 8.0 4.6 6.8#





#90

Benzo(a)pyrene

Concen: 2.655 ng

RT: 24.694 min Scan# 30

Delta R.T. 0.008 min

Lab File: BG054485.D

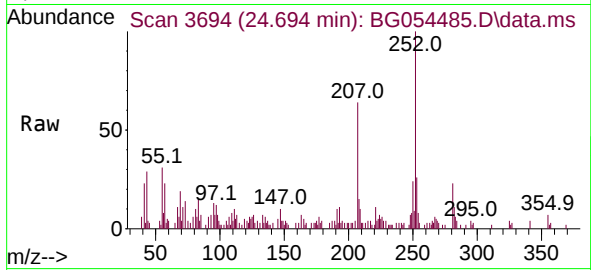
Acq: 2 Aug 2022 16:08

Instrument :

BNA_G

ClientSampleId :

RVE-50



Tgt Ion:252 Resp: 20704

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.8

125 5.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/03/2022

Supervised By :Jagrut Upadhyay 08/04/2022

