

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054469.D
 Acq On : 1 Aug 2022 18:02
 Operator : CG/JU
 Sample : N3896-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-62

Manual Integrations
 APPROVED

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

Quant Time: Aug 02 05:46:19 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	7.978	152	16355	20.000	ng	0.00
21) Naphthalene-d8	10.793	136	66224	20.000	ng	# 0.00
39) Acenaphthene-d10	14.618	164	55246	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	138163	20.000	ng	# 0.00
76) Chrysene-d12	21.633	240	151241	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	162000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	101094	129.057	ng	0.00
7) Phenol-d6	7.179	99	139965	130.400	ng	0.00
23) Nitrobenzene-d5	9.148	82	93054	76.520	ng	0.00
42) 2,4,6-Tribromophenol	16.116	330	142987	123.269	ng	0.00
45) 2-Fluorobiphenyl	13.243	172	306404	78.240	ng	0.00
79) Terphenyl-d14	19.976	244	640355	83.994	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.418	202	25131	2.679	ng	96
78) Pyrene	19.782	202	26287	3.029	ng	94
88) Benzo(b)fluoranthene	23.825	252	41213m	4.302	ng	
90) Benzo(a)pyrene	24.688	252	24425	2.985	ng	96

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

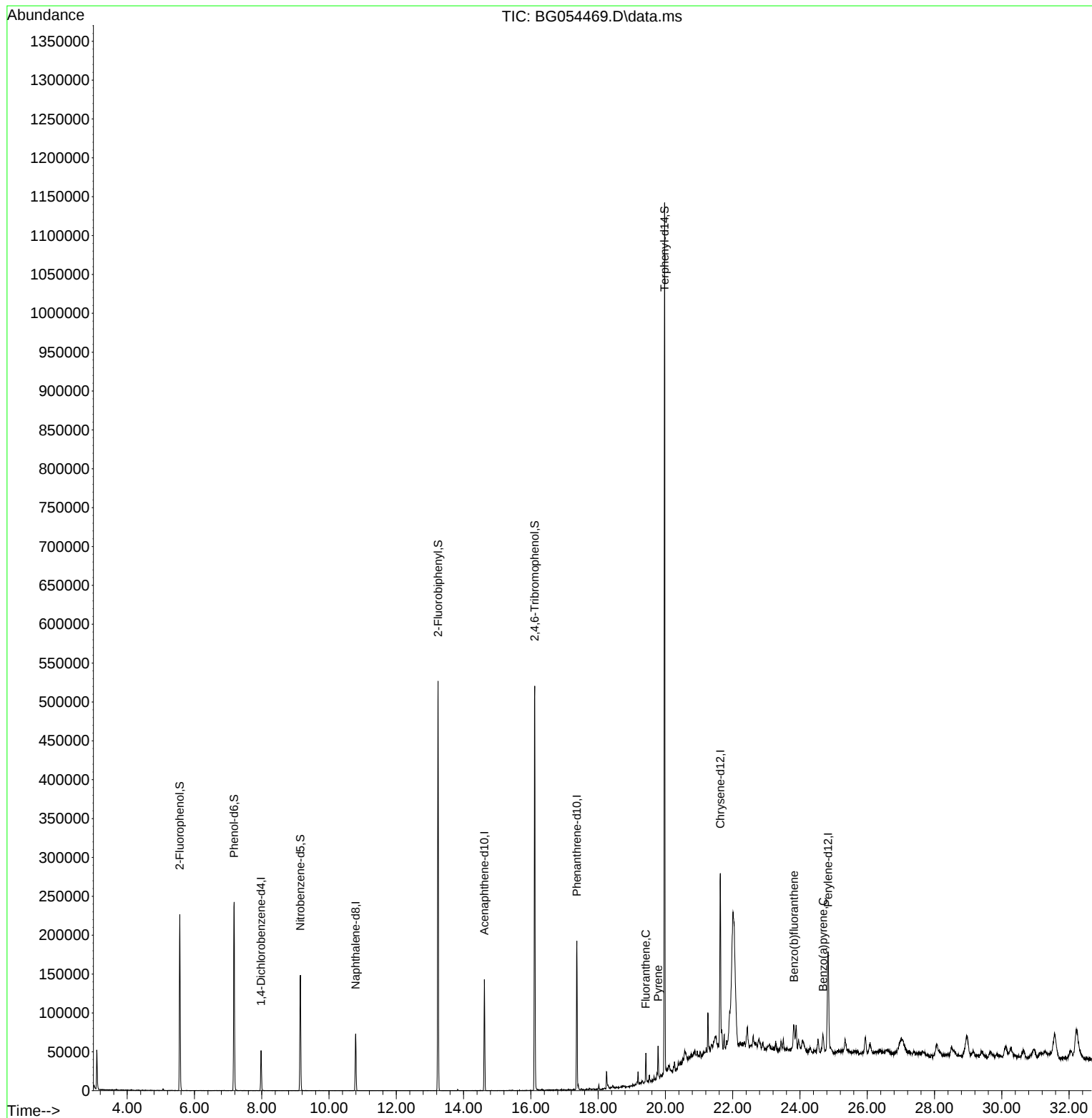
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
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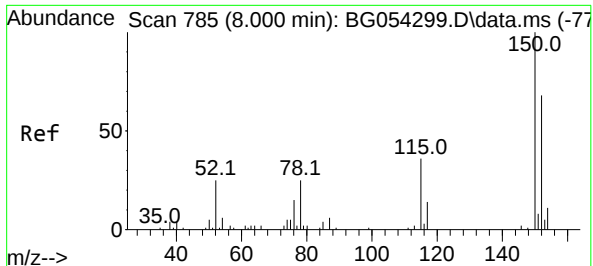
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Aug 02 05:46:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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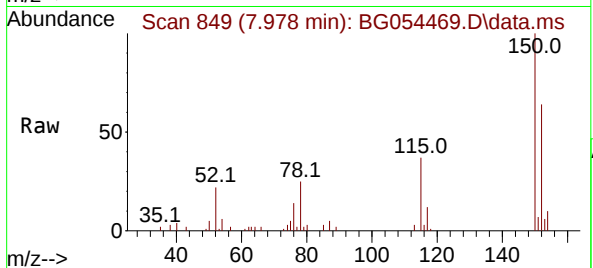
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

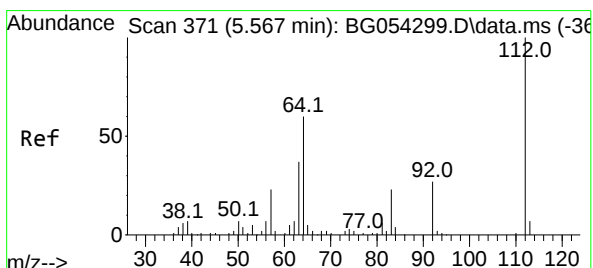
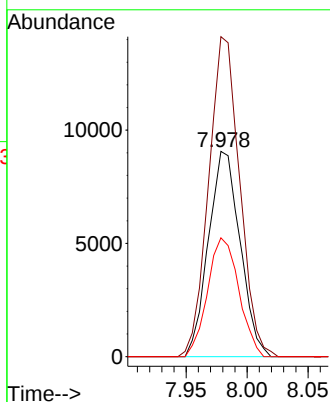
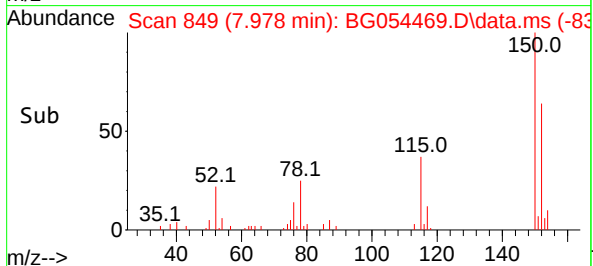
Instrument :
BNA_G
ClientSampleId :
RVE-62



Tgt Ion:152 Resp: 1635
Ion Ratio Lower Upper
152 100
150 155.9 131.6 197.4
115 57.9 50.9 76.3

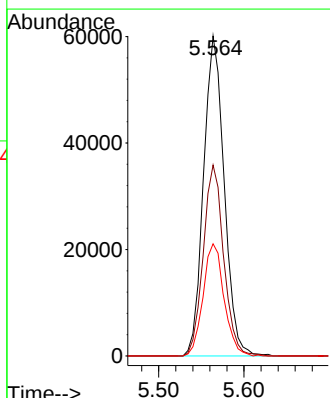
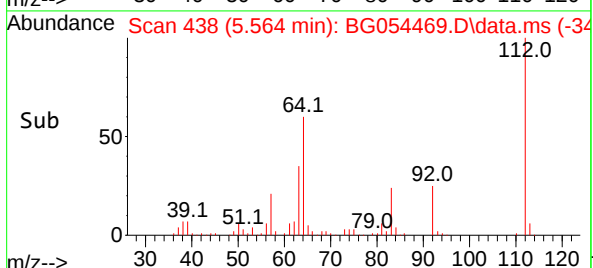
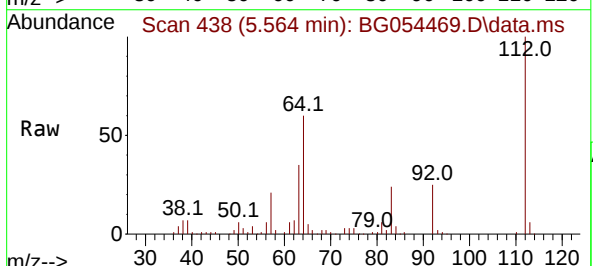
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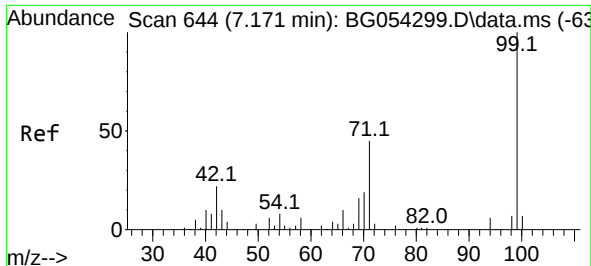
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#5
2-Fluorophenol
Concen: 129.057 ng
RT: 5.564 min Scan# 438
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

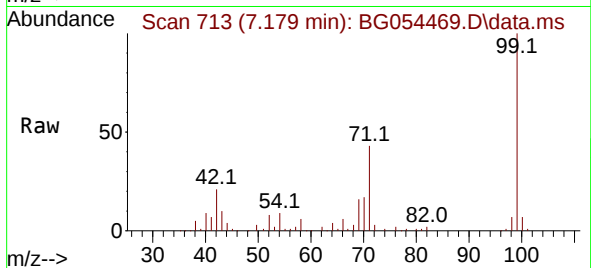
Tgt Ion:112 Resp: 101094
Ion Ratio Lower Upper
112 100
64 59.7 55.1 82.7
63 35.0 30.4 45.6





#7
Phenol-d6
Concen: 130.400 ng
RT: 7.179 min Scan# 71
Delta R.T. 0.008 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

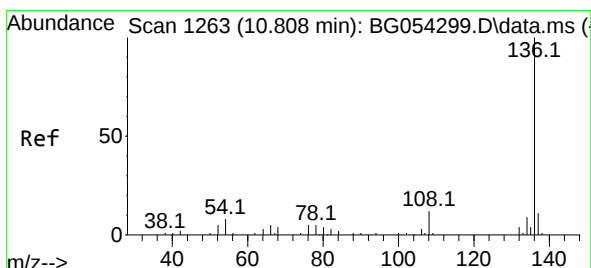
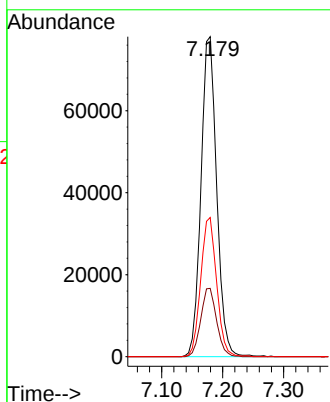
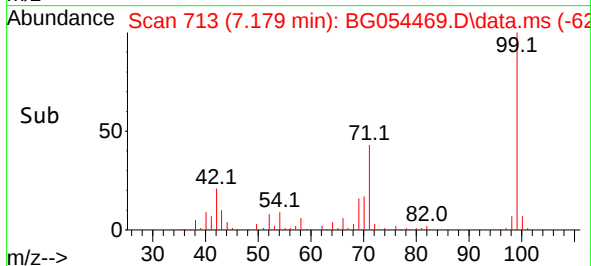
Instrument :
BNA_G
ClientSampleId :
RVE-62



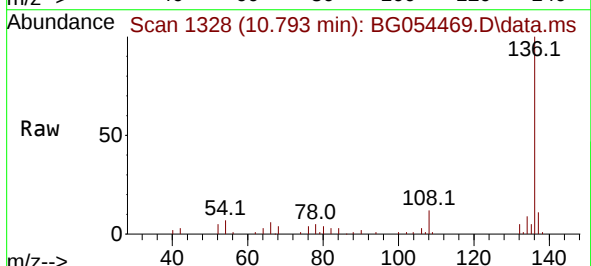
Tgt Ion: 99 Resp: 13996
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 43.5 33.8 50.8

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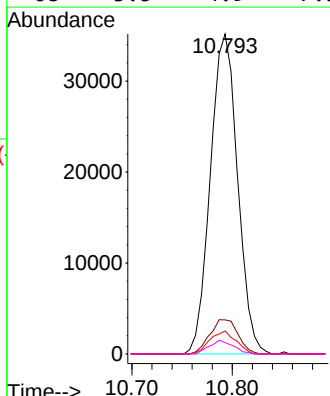
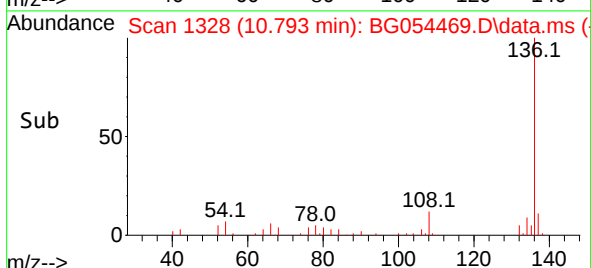
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

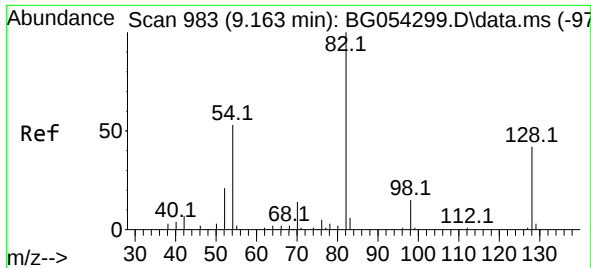


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.793 min Scan# 1328
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02



Tgt Ion:136 Resp: 66224
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 7.2 7.4 11.2#
68 3.5 4.9 7.3#





#23
Nitrobenzene-d5
Concen: 76.520 ng
RT: 9.148 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

Instrument :

BNA_G

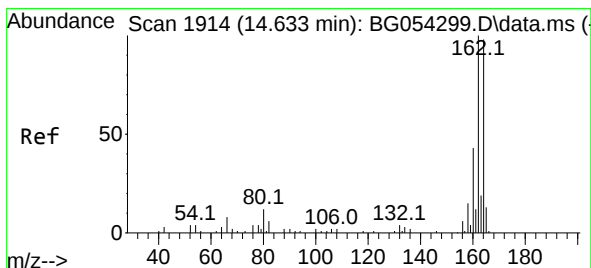
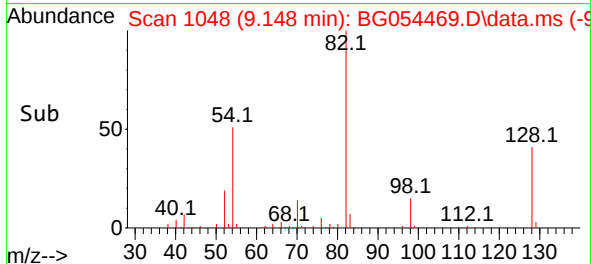
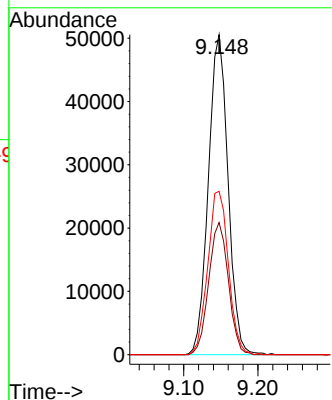
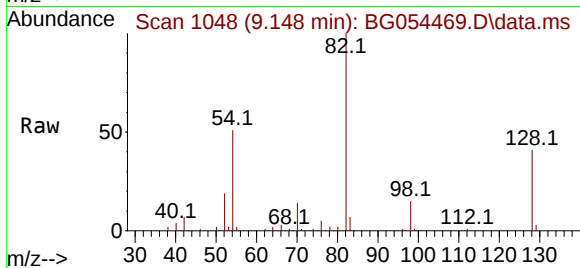
ClientSampleId :

RVE-62

Tgt Ion: 82 Resp: 93054
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 51.0 41.2 61.8

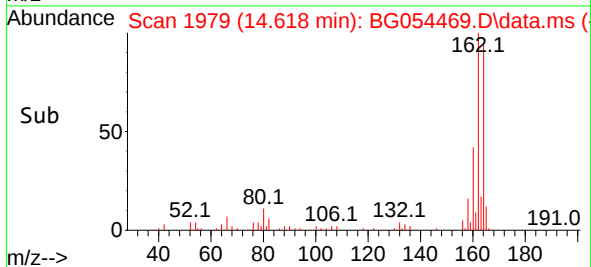
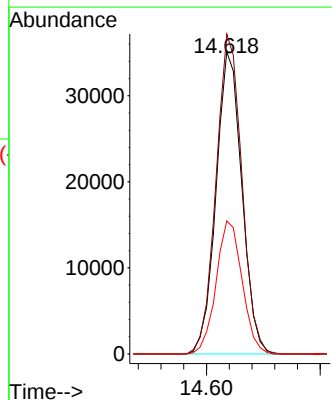
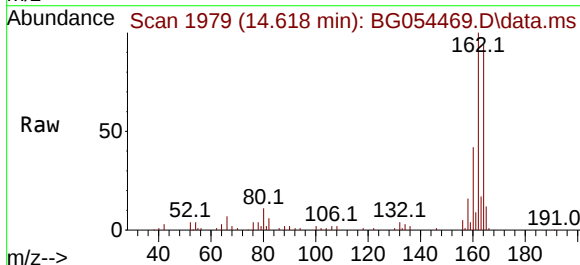
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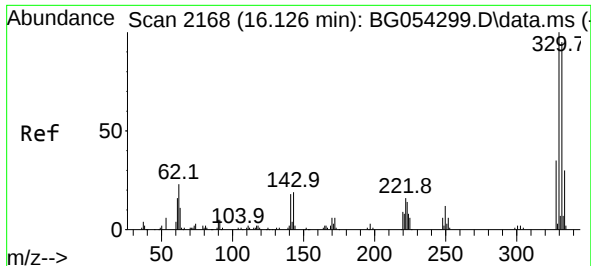
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.618 min Scan# 1979
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

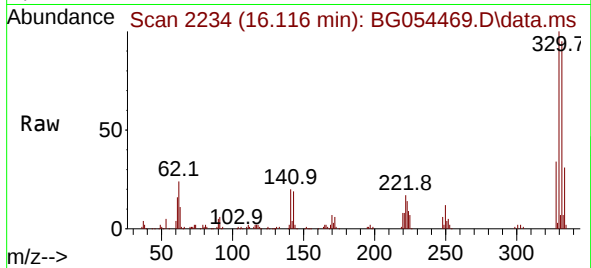
Tgt Ion:164 Resp: 55246
Ion Ratio Lower Upper
164 100
162 105.9 82.3 123.5
160 44.0 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 123.269 ng
RT: 16.116 min Scan# 2168
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

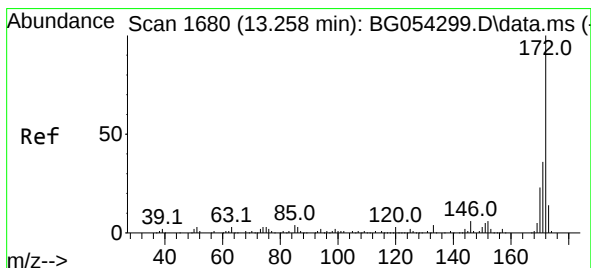
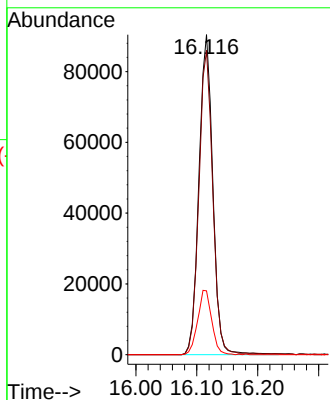
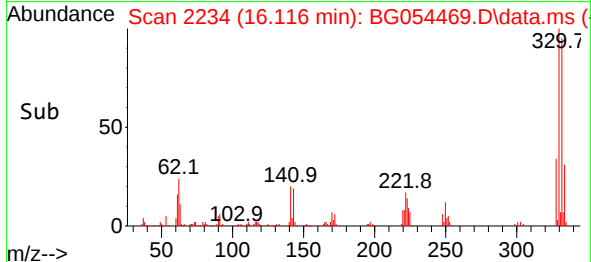
Instrument :
BNA_G
ClientSampleId :
RVE-62



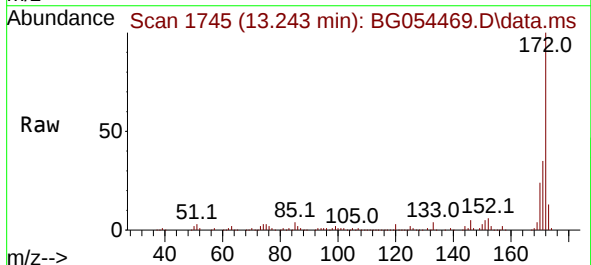
Tgt Ion:330 Resp: 14298
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 20.4 27.1 40.7

Manual Integrations
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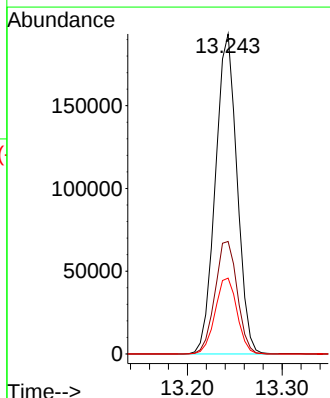
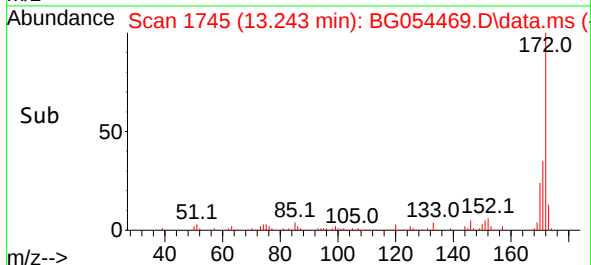
Reviewed By :Christian Giraldo 08/02/2022
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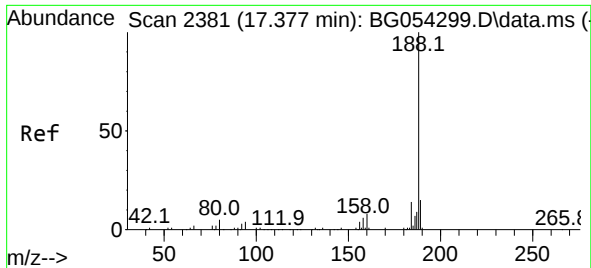


#45
2-Fluorobiphenyl
Concen: 78.240 ng
RT: 13.243 min Scan# 1745
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02



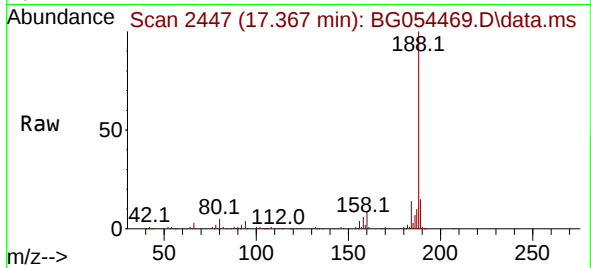
Tgt Ion:172 Resp: 306404
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

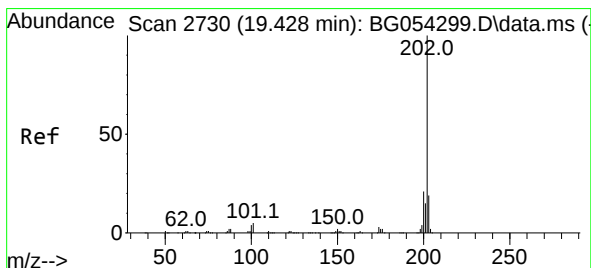
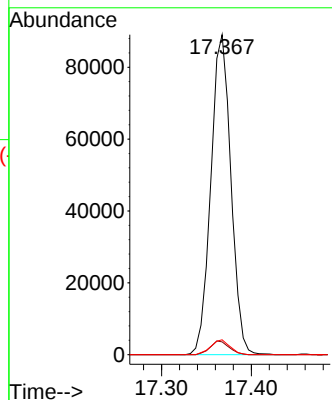
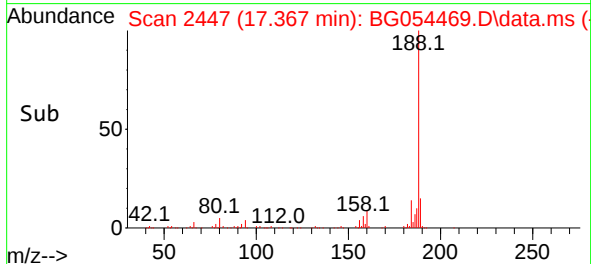
Instrument :
BNA_G
ClientSampleId :
RVE-62



Tgt Ion:188 Resp: 13816
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0
80 4.6 6.8 10.2

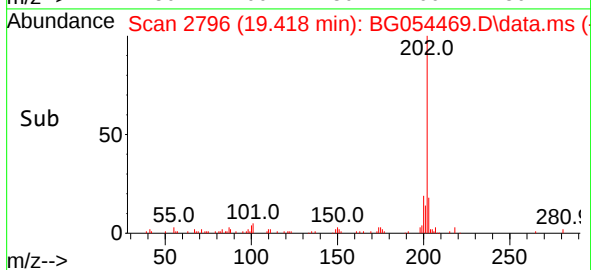
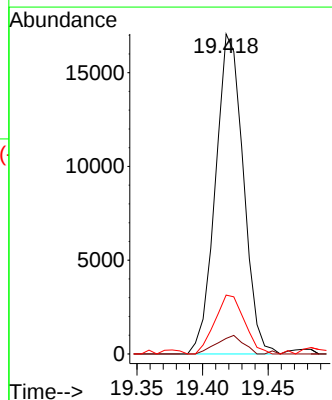
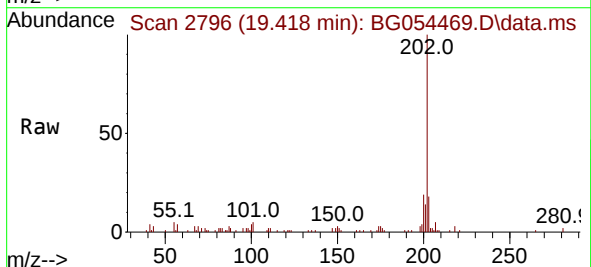
Manual Integrations
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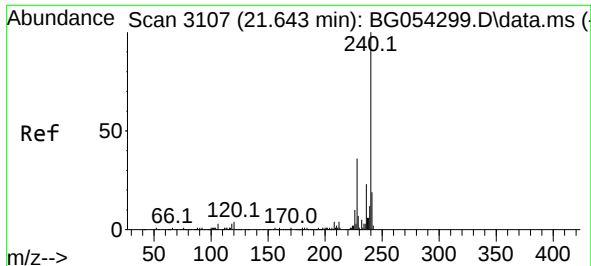
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#75
Fluoranthene
Concen: 2.679 ng
RT: 19.418 min Scan# 2796
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

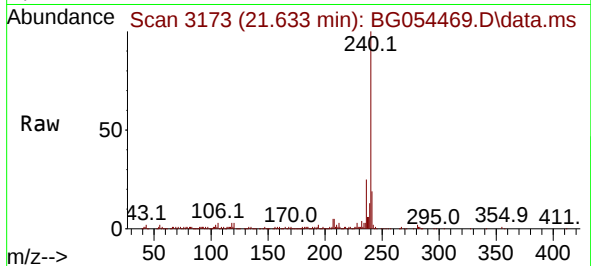
Tgt Ion:202 Resp: 25131
Ion Ratio Lower Upper
202 100
101 4.9 0.0 26.9
203 18.4 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

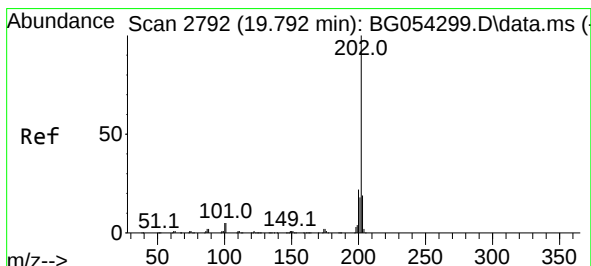
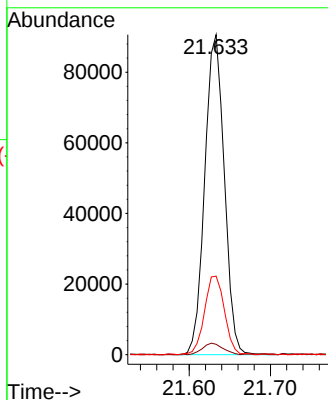
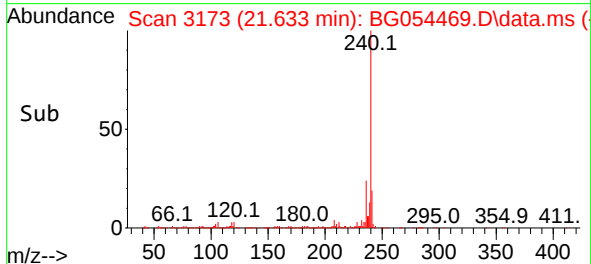
Instrument :
BNA_G
ClientSampleId :
RVE-62



Tgt Ion:240 Resp: 15124
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0
236 24.6 20.2 30.4

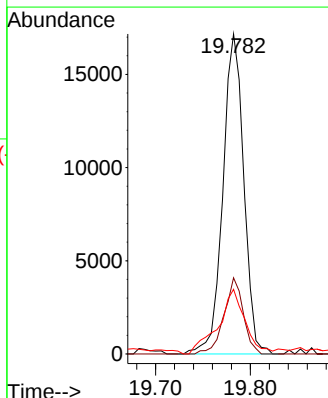
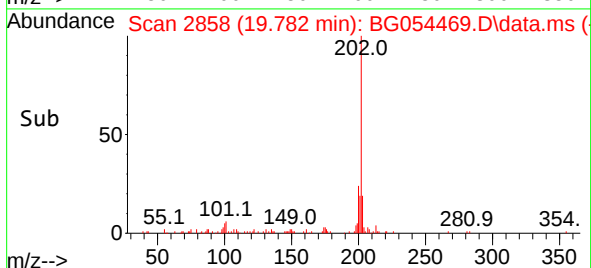
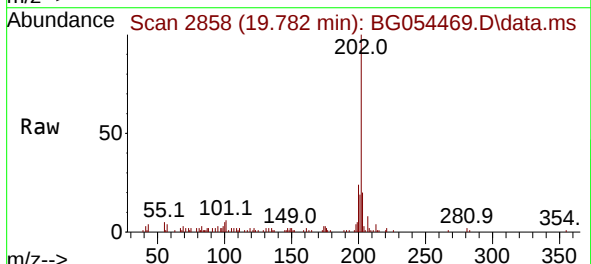
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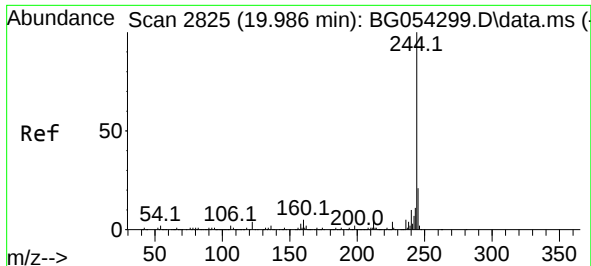
Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022



#78
Pyrene
Concen: 3.029 ng
RT: 19.782 min Scan# 2858
Delta R.T. -0.004 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

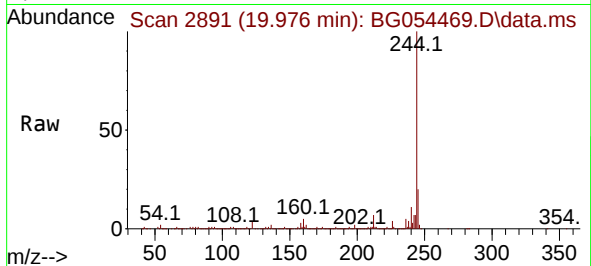
Tgt Ion:202 Resp: 26287
Ion Ratio Lower Upper
202 100
200 23.8 16.6 24.8
203 20.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 83.994 ng
 RT: 19.976 min Scan# 2891
 Delta R.T. -0.004 min
 Lab File: BG054469.D
 Acq: 1 Aug 2022 18:02

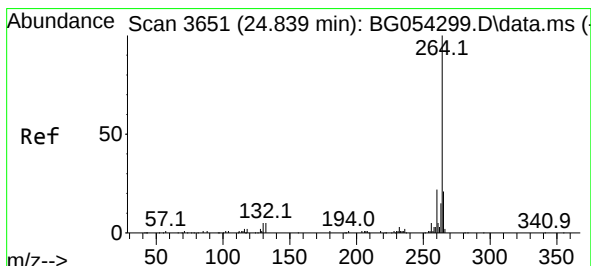
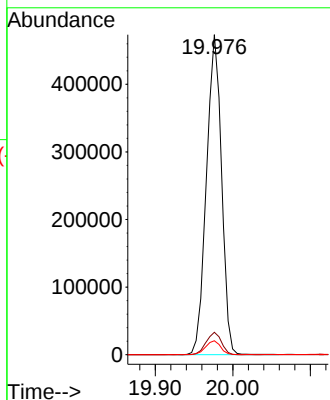
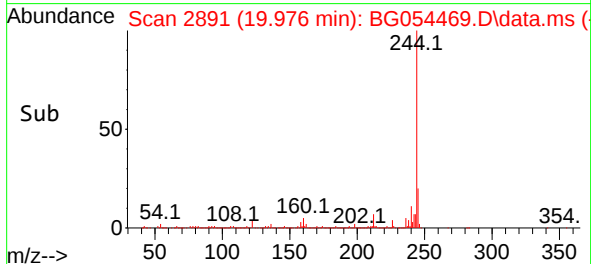
Instrument :
 BNA_G
 ClientSampleId :
 RVE-62



Tgt Ion:244 Resp: 64035
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.4 5.0 7.4

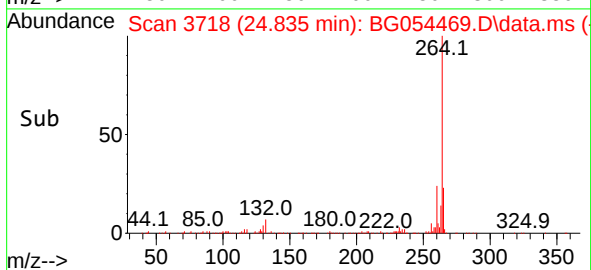
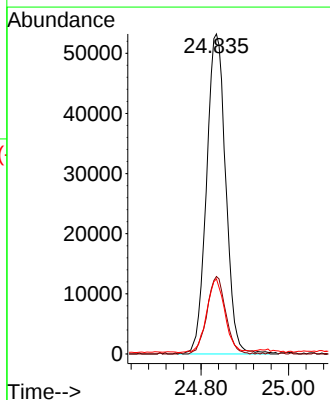
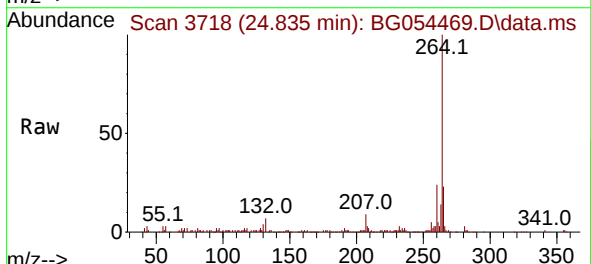
Manual Integrations
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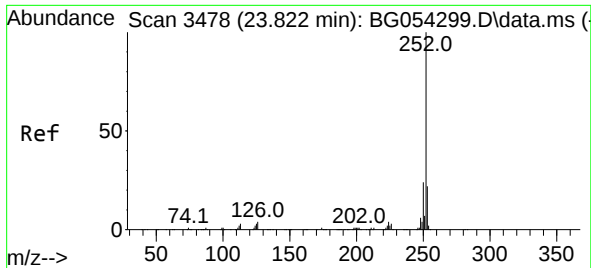
Reviewed By :Christian Giraldo 08/02/2022
 Supervised By :Jagrut Upadhyay 08/02/2022



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.835 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG054469.D
 Acq: 1 Aug 2022 18:02

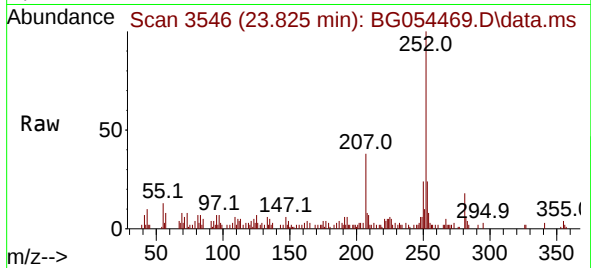
Tgt Ion:264 Resp: 162000
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.4 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.302 ng m
RT: 23.825 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02

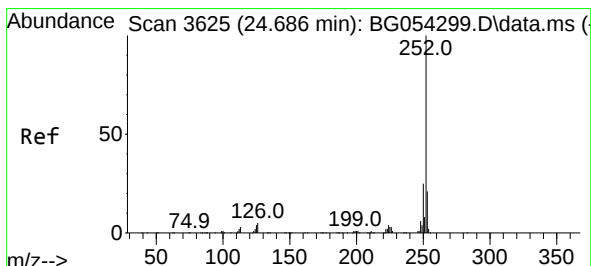
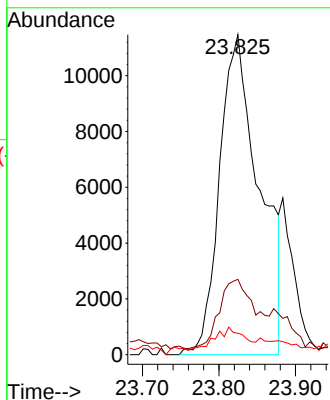
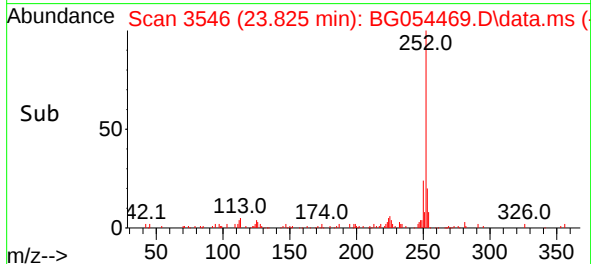
Instrument :
BNA_G
ClientSampleId :
RVE-62



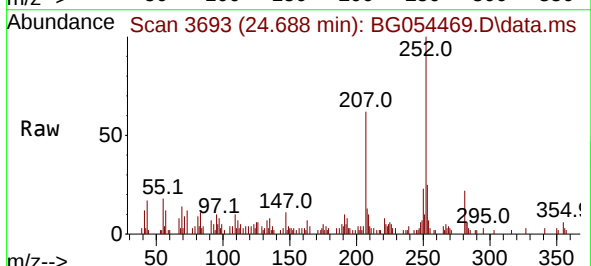
Tgt Ion:252 Resp: 4121
Ion Ratio Lower Upper
252 100
253 23.6 18.0 27.0
125 6.7 4.6 6.8

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 2.985 ng
RT: 24.688 min Scan# 3693
Delta R.T. 0.002 min
Lab File: BG054469.D
Acq: 1 Aug 2022 18:02



Tgt Ion:252 Resp: 24425
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.8
125 6.0 4.3 6.5

