

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055606.D
 Acq On : 14 Nov 2022 16:00
 Operator : CG/JU
 Sample : N5537-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 360

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:02:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	56934	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	249563	20.000	ng	0.00
39) Acenaphthene-d10	14.884	164	180316	20.000	ng	0.00
64) Phenanthrene-d10	17.628	188	394974	20.000	ng	0.00
76) Chrysene-d12	21.928	240	367891	20.000	ng	0.00
86) Perylene-d12	25.360	264	391934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	453715	151.790	ng	0.00
7) Phenol-d6	7.404	99	605351	146.612	ng	0.00
23) Nitrobenzene-d5	9.437	82	383709	104.231	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	314737	178.894	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	939448	78.588	ng	0.00
79) Terphenyl-d14	20.219	244	1393863	76.100	ng	0.00
Target Compounds						
75) Fluoranthene	19.666	202	79872	3.155	ng	Qvalue 99
78) Pyrene	20.025	202	71271	2.862	ng	99
83) Chrysene	21.975	228	52712m	2.200	ng	
88) Benzo(b)fluoranthene	24.255	252	74210	2.988	ng	# 95
90) Benzo(a)pyrene	25.189	252	45072	2.107	ng	# 87

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

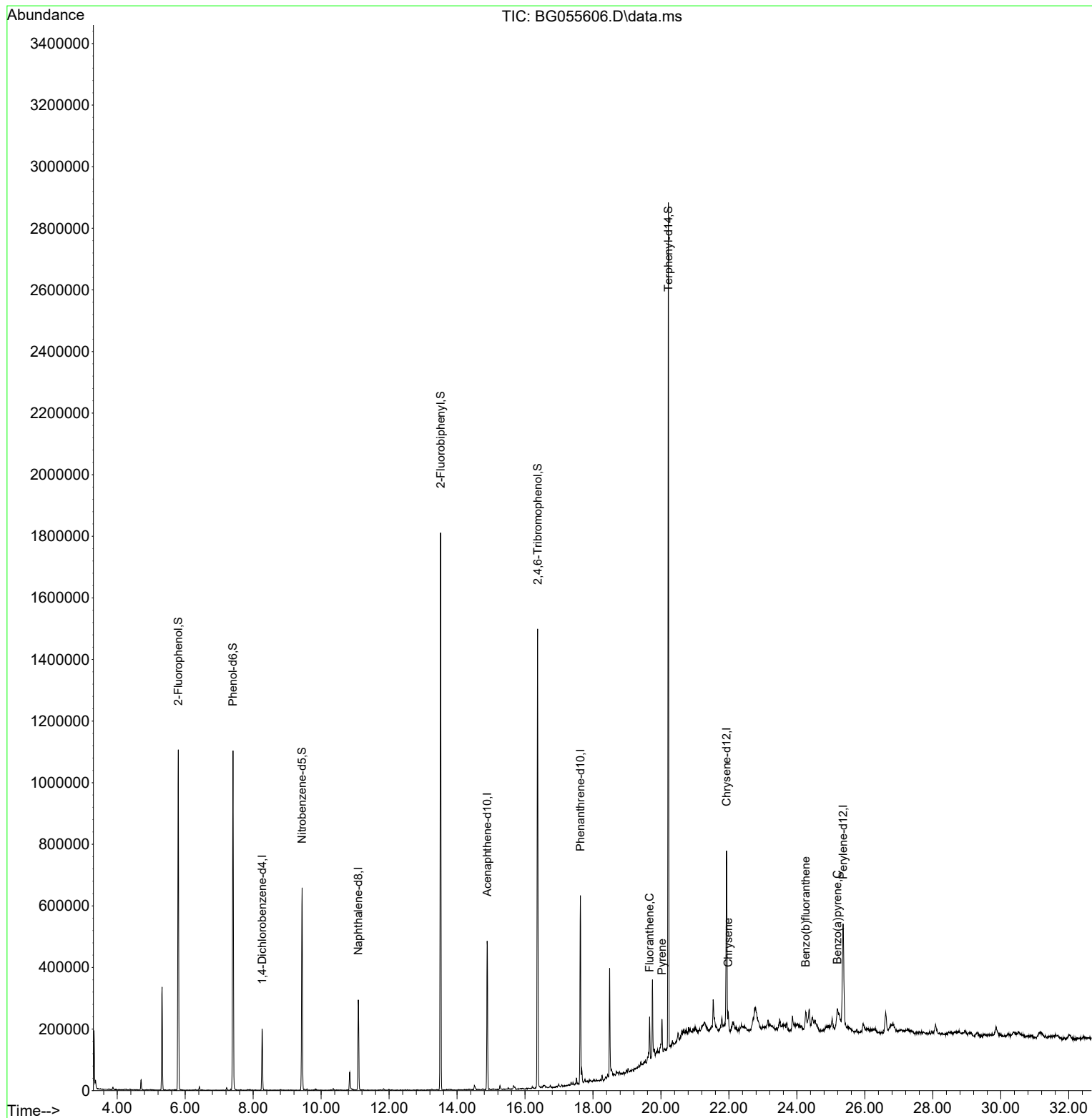
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055606.D
Acq On : 14 Nov 2022 16:00
Operator : CG/JU
Sample : N5537-01
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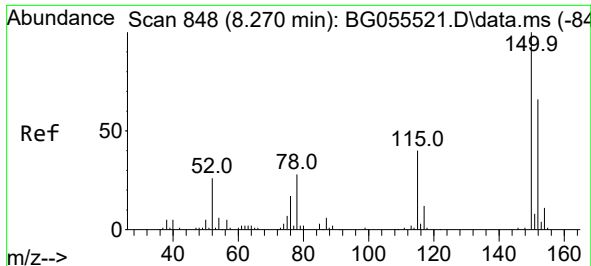
Instrument :
BNA_G
ClientSampleId :
360

Quant Time: Nov 15 01:02:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

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APPROVED

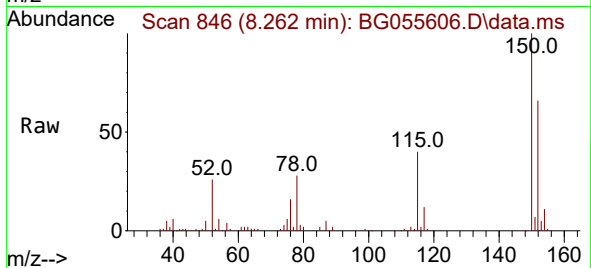
Reviewed By : Christian Giraldo 11/15/2022
Supervised By : Jagrut Upadhyay 11/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 848
Delta R.T. -0.008 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

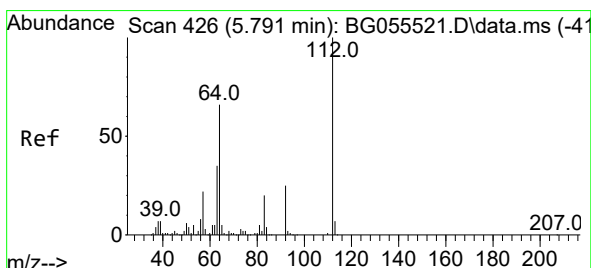
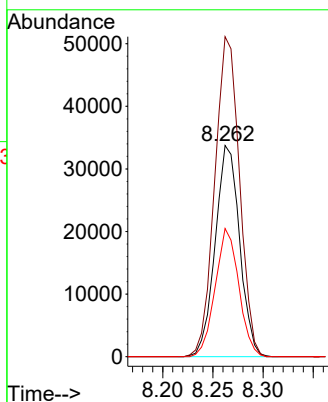
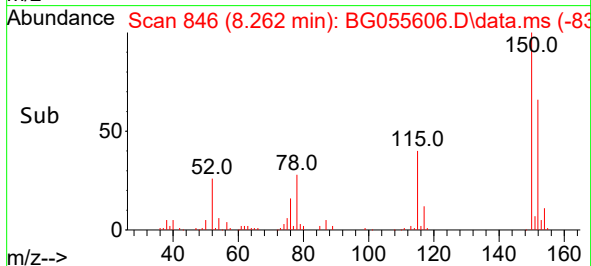
Instrument :
BNA_G
ClientSampleId :
360



Tgt Ion:152 Resp: 56934
Ion Ratio Lower Upper
152 100
150 151.6 121.0 181.4
115 60.7 47.8 71.8

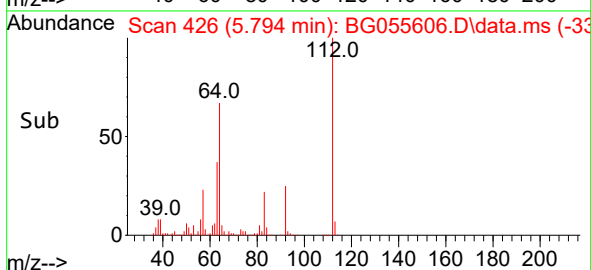
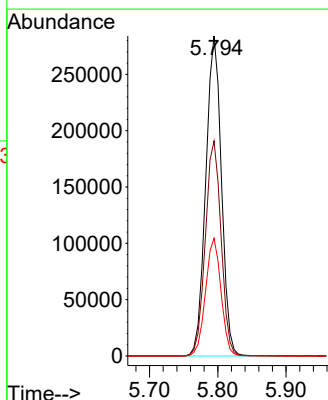
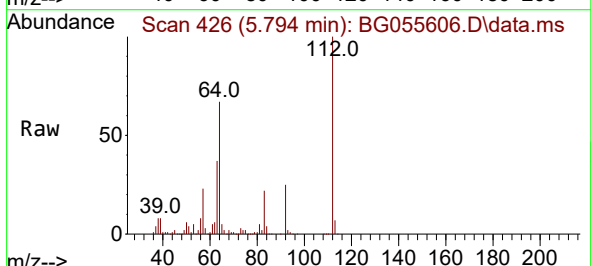
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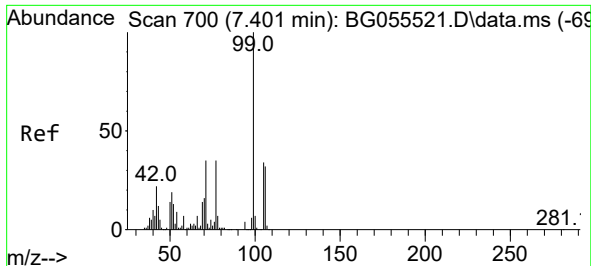
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#5
2-Fluorophenol
Concen: 151.790 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

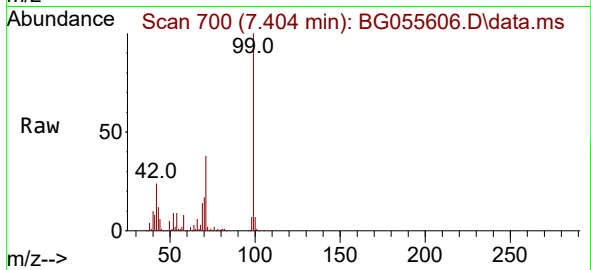
Tgt Ion:112 Resp: 453715
Ion Ratio Lower Upper
112 100
64 67.2 52.6 78.8
63 36.8 28.3 42.5





#7
Phenol-d6
Concen: 146.612 ng
RT: 7.404 min Scan# 700
Delta R.T. 0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

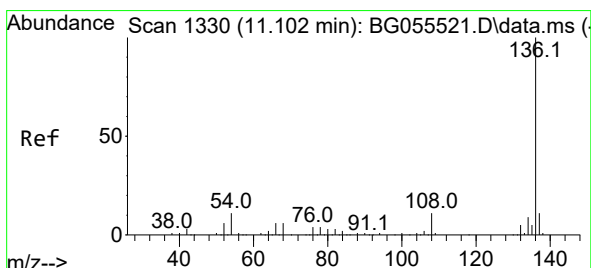
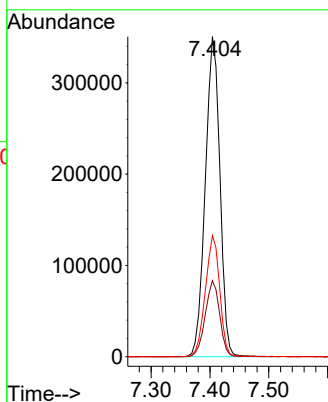
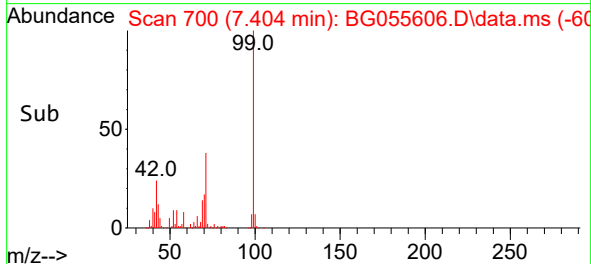
Instrument :
BNA_G
ClientSampleId :
360



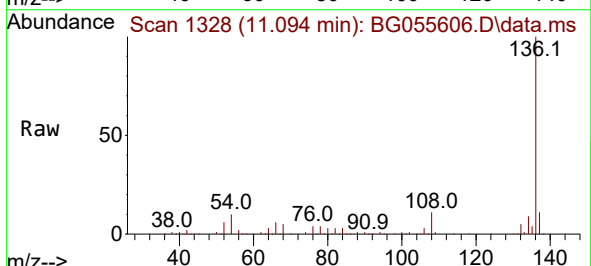
Tgt Ion: 99 Resp: 60535
Ion Ratio Lower Upper
99 100
42 23.8 17.5 26.3
71 37.8 28.3 42.5

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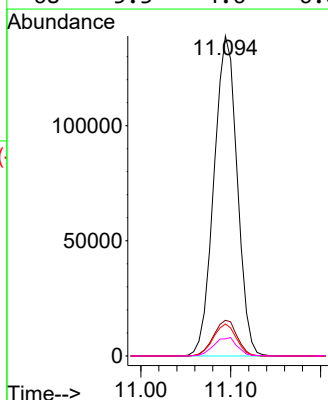
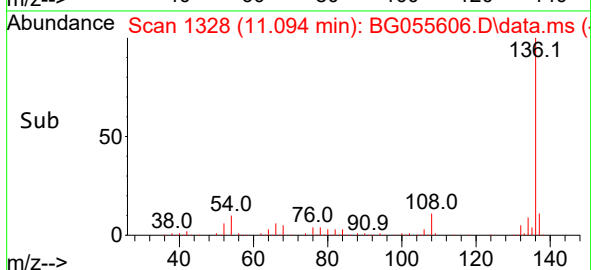
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

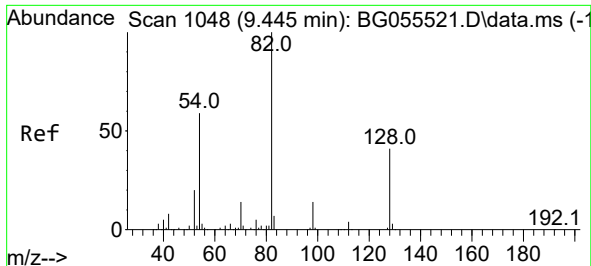


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.094 min Scan# 1328
Delta R.T. -0.008 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00



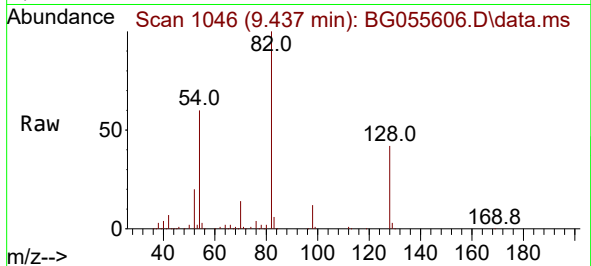
Tgt Ion:136 Resp: 249563
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.0 8.6 12.8
68 5.3 4.6 6.8





#23
Nitrobenzene-d5
Concen: 104.231 ng
RT: 9.437 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

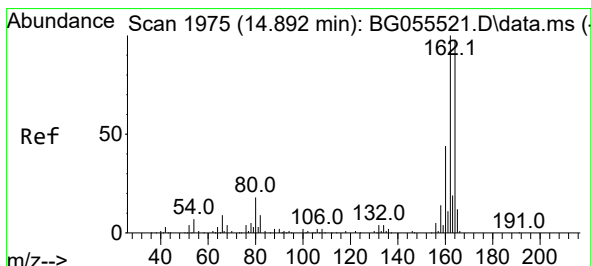
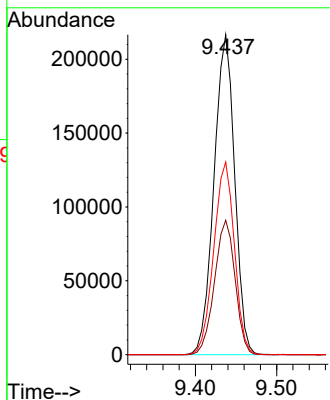
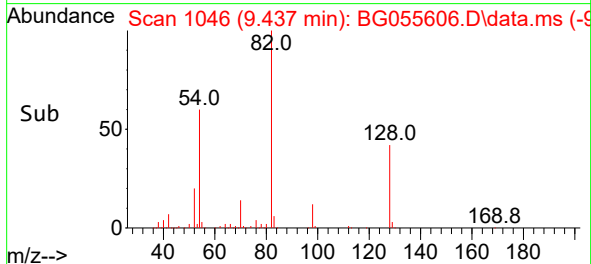
Instrument :
BNA_G
ClientSampleId :
360



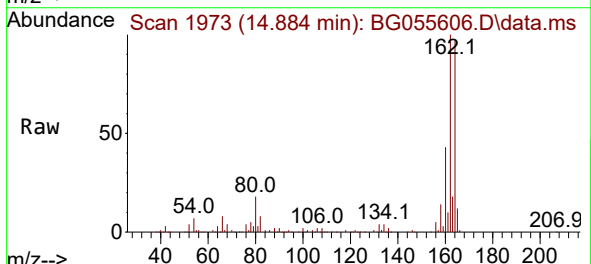
Tgt Ion: 82 Resp: 383709
Ion Ratio Lower Upper
82 100
128 42.0 32.6 49.0
54 60.2 47.3 70.9

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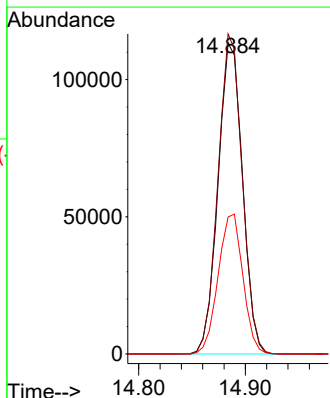
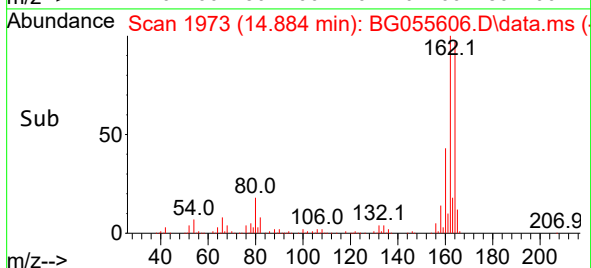
Reviewed By :Christian Giraldo 11/15/2022
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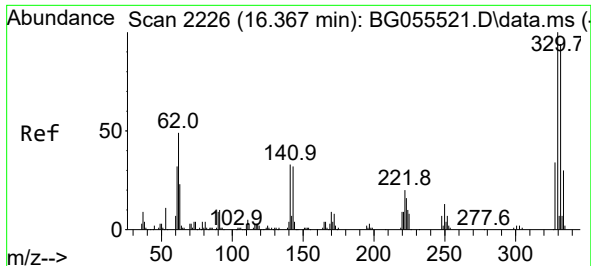


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.884 min Scan# 1973
Delta R.T. -0.008 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00



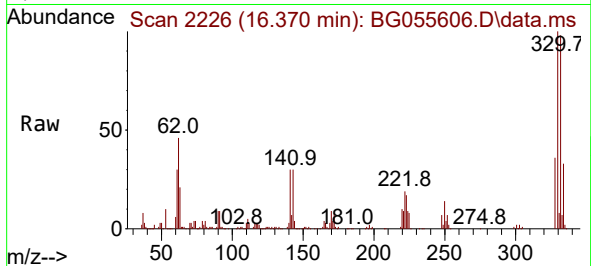
Tgt Ion:164 Resp: 180316
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.1 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 178.894 ng
RT: 16.370 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

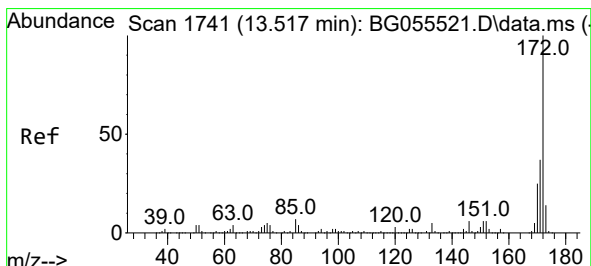
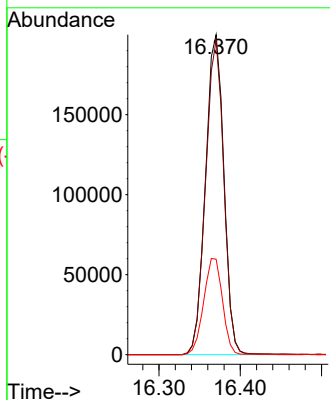
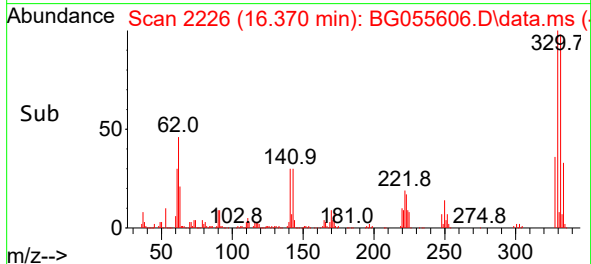
Instrument :
BNA_G
ClientSampleId :
360



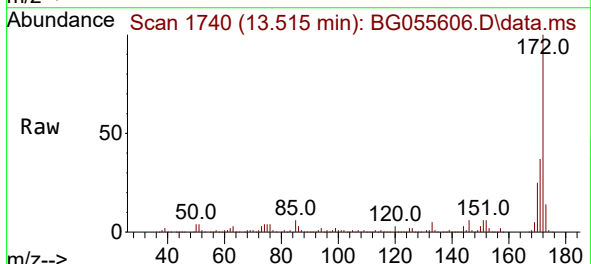
Tgt Ion:330 Resp: 31473
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 30.8 25.4 38.2

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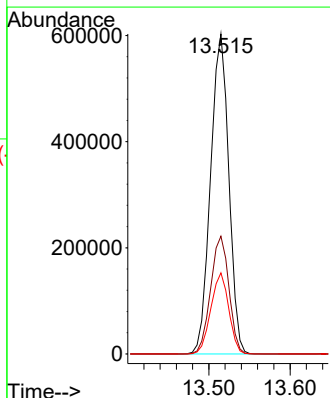
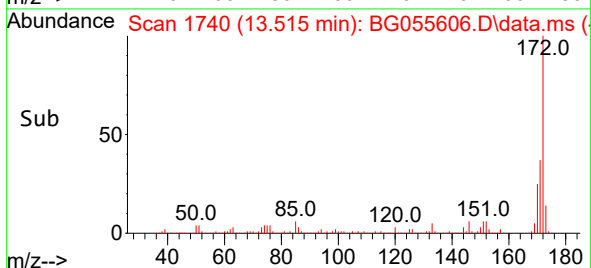
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

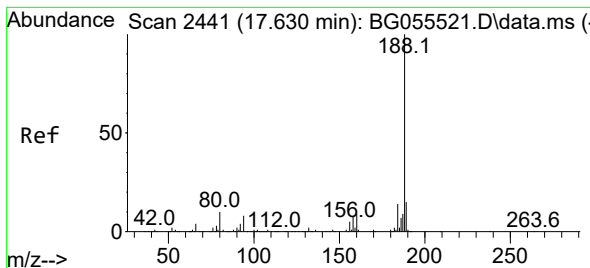


#45
2-Fluorobiphenyl
Concen: 78.588 ng
RT: 13.515 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00



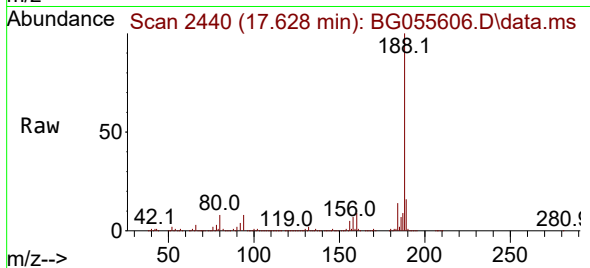
Tgt Ion:172 Resp: 939448
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 25.3 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.628 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

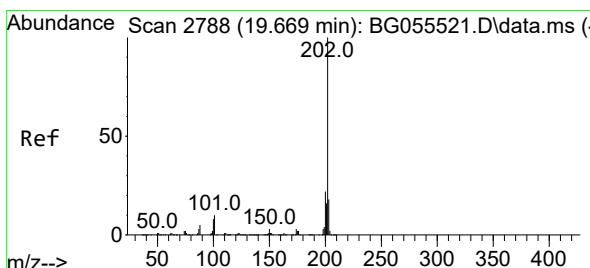
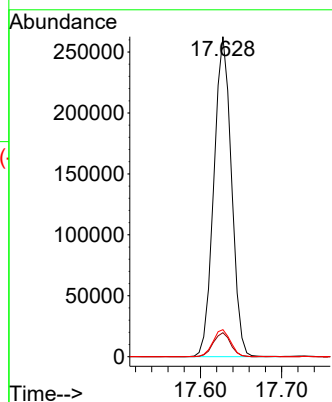
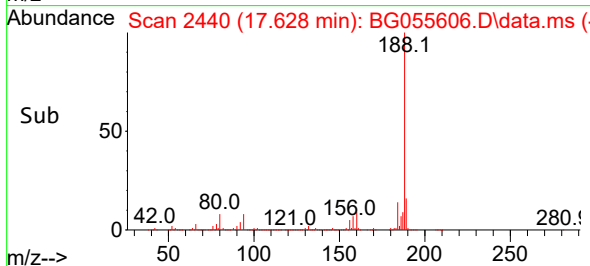
Instrument :
BNA_G
ClientSampleId :
360



Tgt Ion:188 Resp: 394974
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.5 7.6 11.4

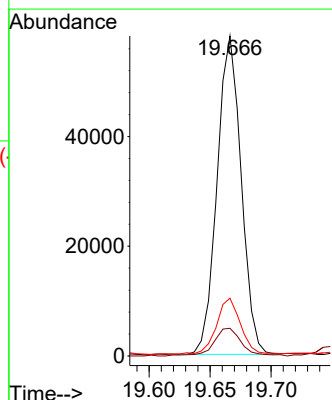
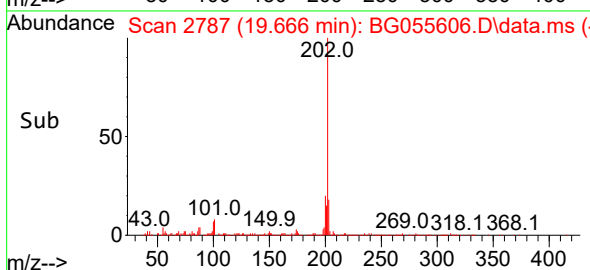
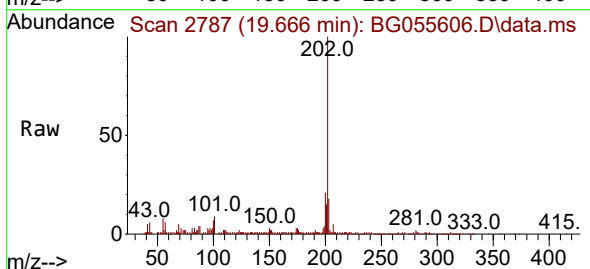
Manual Integrations
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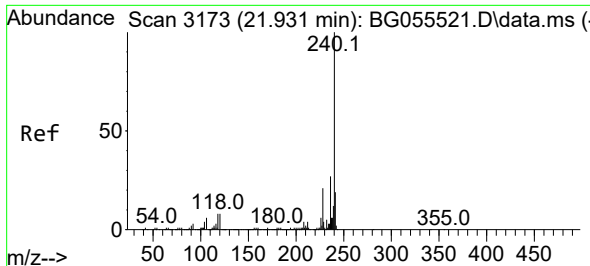
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#75
Fluoranthene
Concen: 3.155 ng
RT: 19.666 min Scan# 2787
Delta R.T. -0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

Tgt Ion:202 Resp: 79872
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.8
203 18.0 0.0 38.2





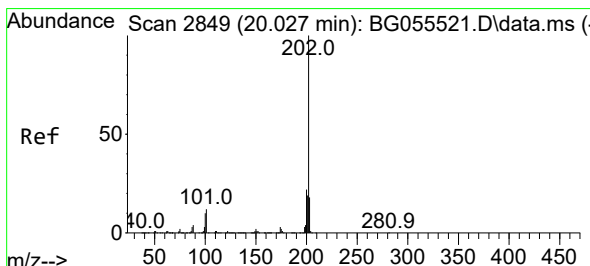
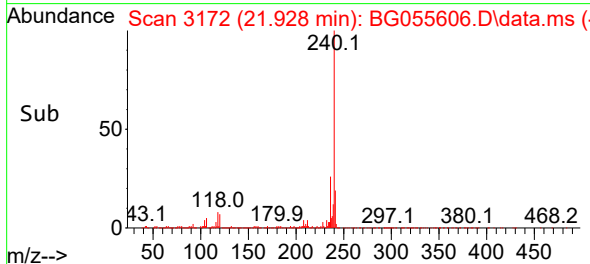
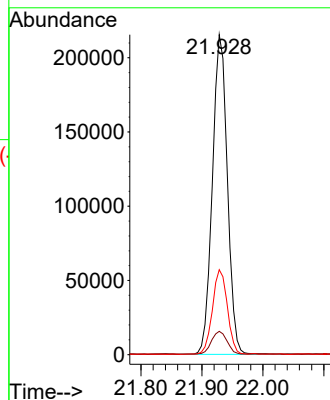
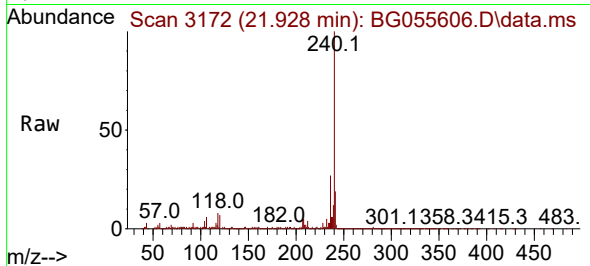
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

Instrument :
BNA_G
ClientSampleId :
360

Tgt Ion:240 Resp: 36789
Ion Ratio Lower Upper
240 100
120 7.3 6.1 9.1
236 26.5 21.4 32.0

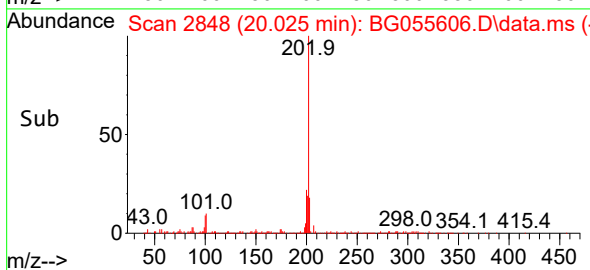
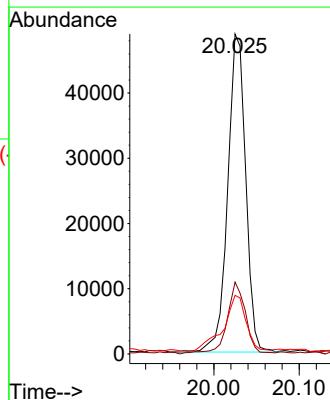
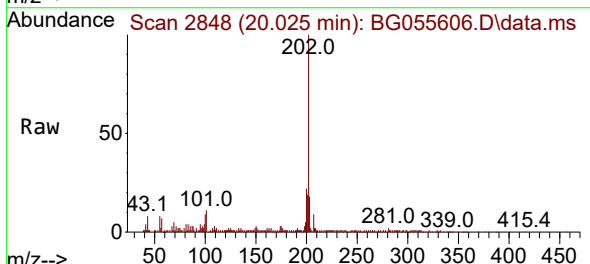
Manual Integrations
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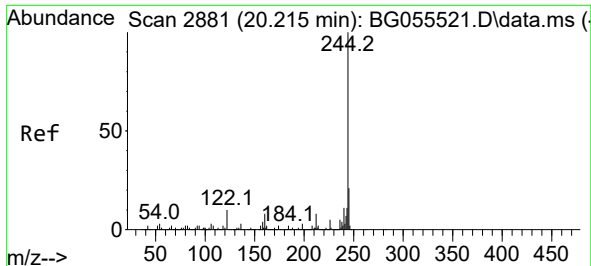
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022



#78
Pyrene
Concen: 2.862 ng
RT: 20.025 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

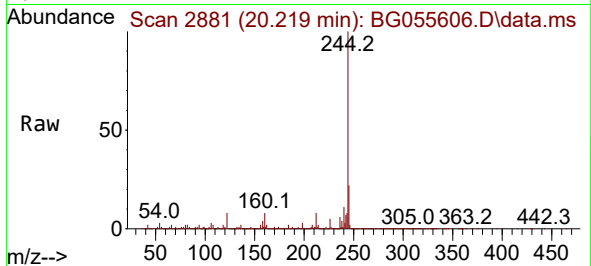
Tgt Ion:202 Resp: 71271
Ion Ratio Lower Upper
202 100
200 22.4 18.0 27.0
203 18.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 76.100 ng
 RT: 20.219 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG055606.D
 Acq: 14 Nov 2022 16:00

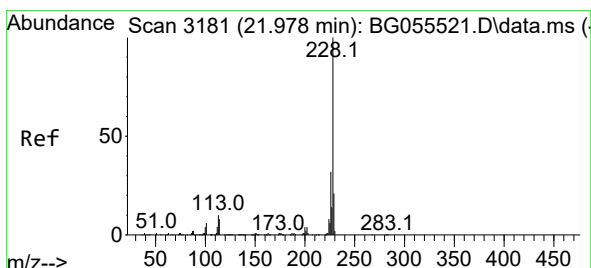
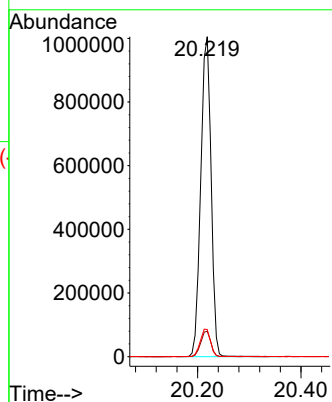
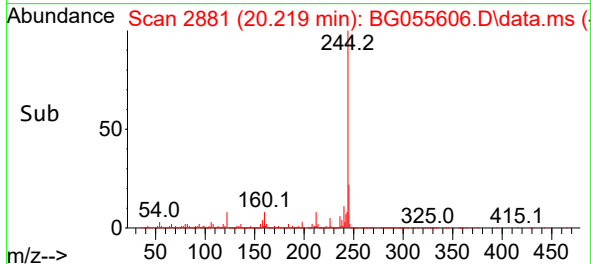
Instrument :
 BNA_G
 ClientSampleId :
 360



Tgt Ion:244 Resp: 139386
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.7 11.5

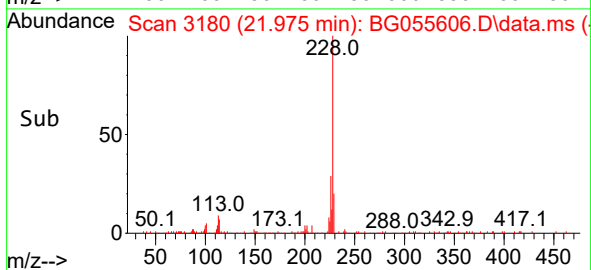
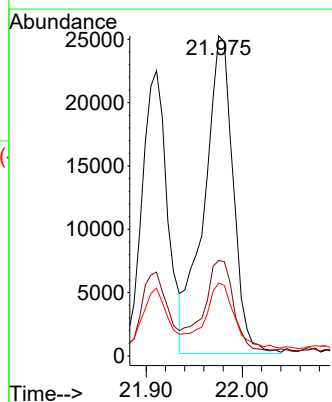
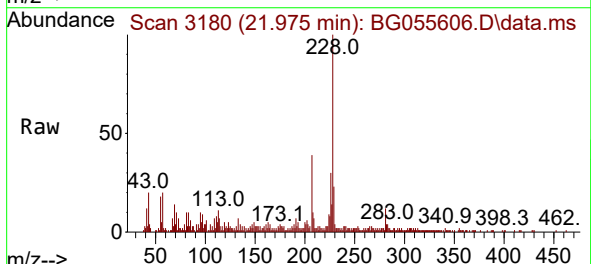
Manual Integrations
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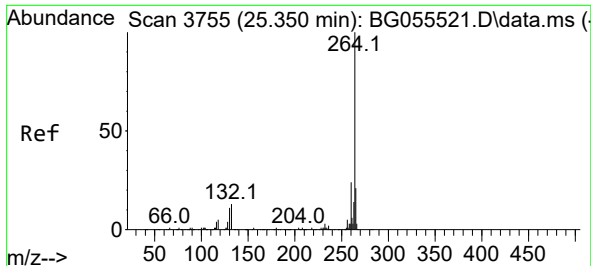
Reviewed By :Christian Giraldo 11/15/2022
 Supervised By :Jagrut Upadhyay 11/15/2022



#83
 Chrysene
 Concen: 2.200 ng m
 RT: 21.975 min Scan# 3180
 Delta R.T. -0.003 min
 Lab File: BG055606.D
 Acq: 14 Nov 2022 16:00

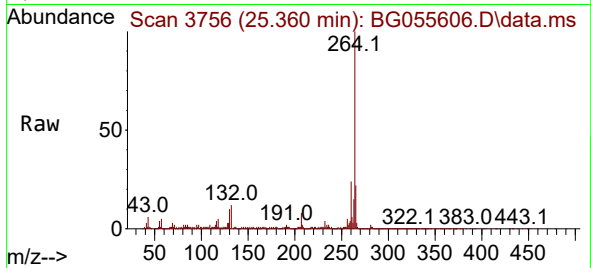
Tgt Ion:228 Resp: 52712
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.7 38.5
 229 22.8 16.6 25.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.360 min Scan# 31
Delta R.T. 0.010 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00

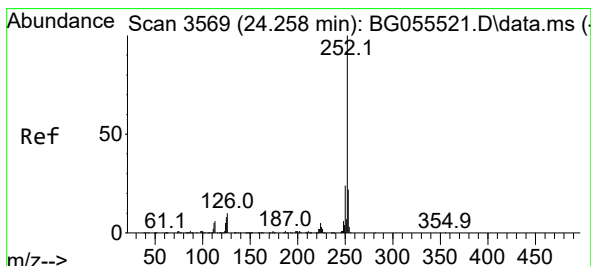
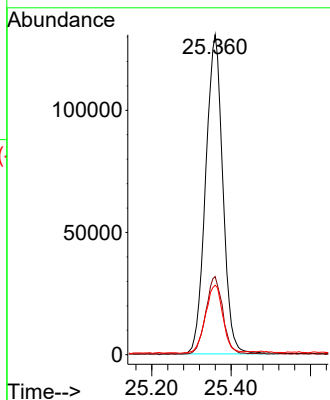
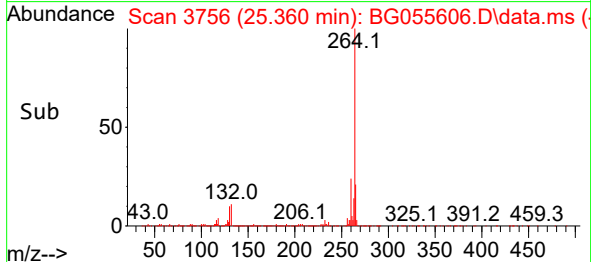
Instrument :
BNA_G
ClientSampleId :
360



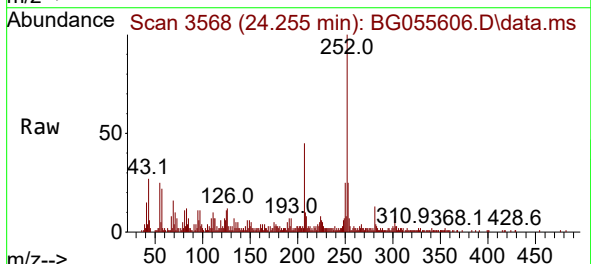
Tgt Ion:264 Resp: 391934
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.2
265 21.7 17.1 25.7

Manual Integrations
APPROVED

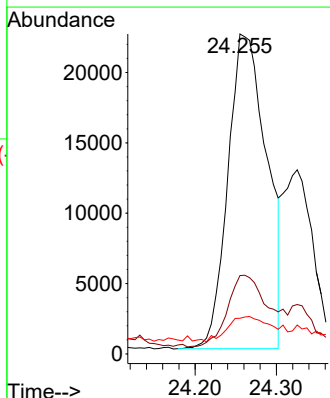
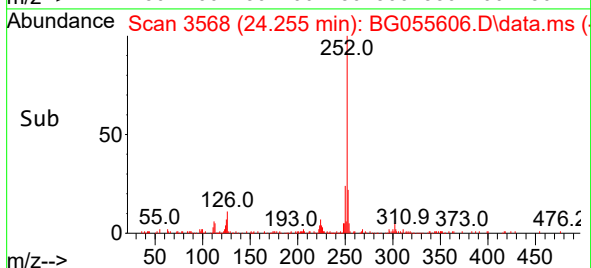
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

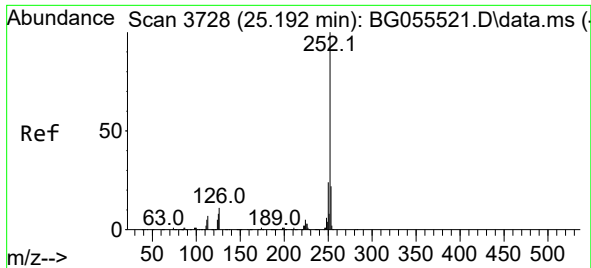


#88
Benzo(b)fluoranthene
Concen: 2.988 ng
RT: 24.255 min Scan# 3568
Delta R.T. -0.003 min
Lab File: BG055606.D
Acq: 14 Nov 2022 16:00



Tgt Ion:252 Resp: 74210
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 11.2 6.7 10.1#





#90

Benzo(a)pyrene

Concen: 2.107 ng

RT: 25.189 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055606.D

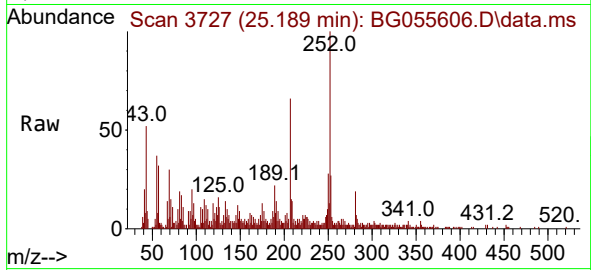
Acq: 14 Nov 2022 16:00

Instrument :

BNA_G

ClientSampleId :

360



Tgt Ion:252 Resp: 45072

Ion Ratio Lower Upper

252 100

253 26.8 17.8 26.6

125 15.7 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/15/2022

Supervised By :Jagrut Upadhyay 11/15/2022

