

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054134.D
 Acq On : 29 Jun 2022 2:02
 Operator : CG/JU
 Sample : N3494-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-EXC-1-5

Quant Time: Jun 29 02:37:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/29/2022
 Supervised By :Jagrut Upadhyay 06/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	33168	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	129676	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	87658	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	186301	20.000	ng	0.00
76) Chrysene-d12	21.725	240	196563	20.000	ng	0.00
86) Perylene-d12	24.997	264	201560	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	25897	14.928	ng	0.00
7) Phenol-d6	7.236	99	34189	14.528	ng	0.00
23) Nitrobenzene-d5	9.233	82	24406	10.577	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	18314	13.004	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	61296	10.168	ng	0.00
79) Terphenyl-d14	20.050	244	102504	10.503	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	8.428	146	7338	3.279	ng	92
78) Pyrene	19.856	202	32367	2.726	ng	# 89
83) Chrysene	21.772	228	34111	2.812	ng	# 83
88) Benzo(b)fluoranthene	23.946	252	28723m	2.344	ng	
90) Benzo(a)pyrene	24.833	252	26238	2.537	ng	# 68

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

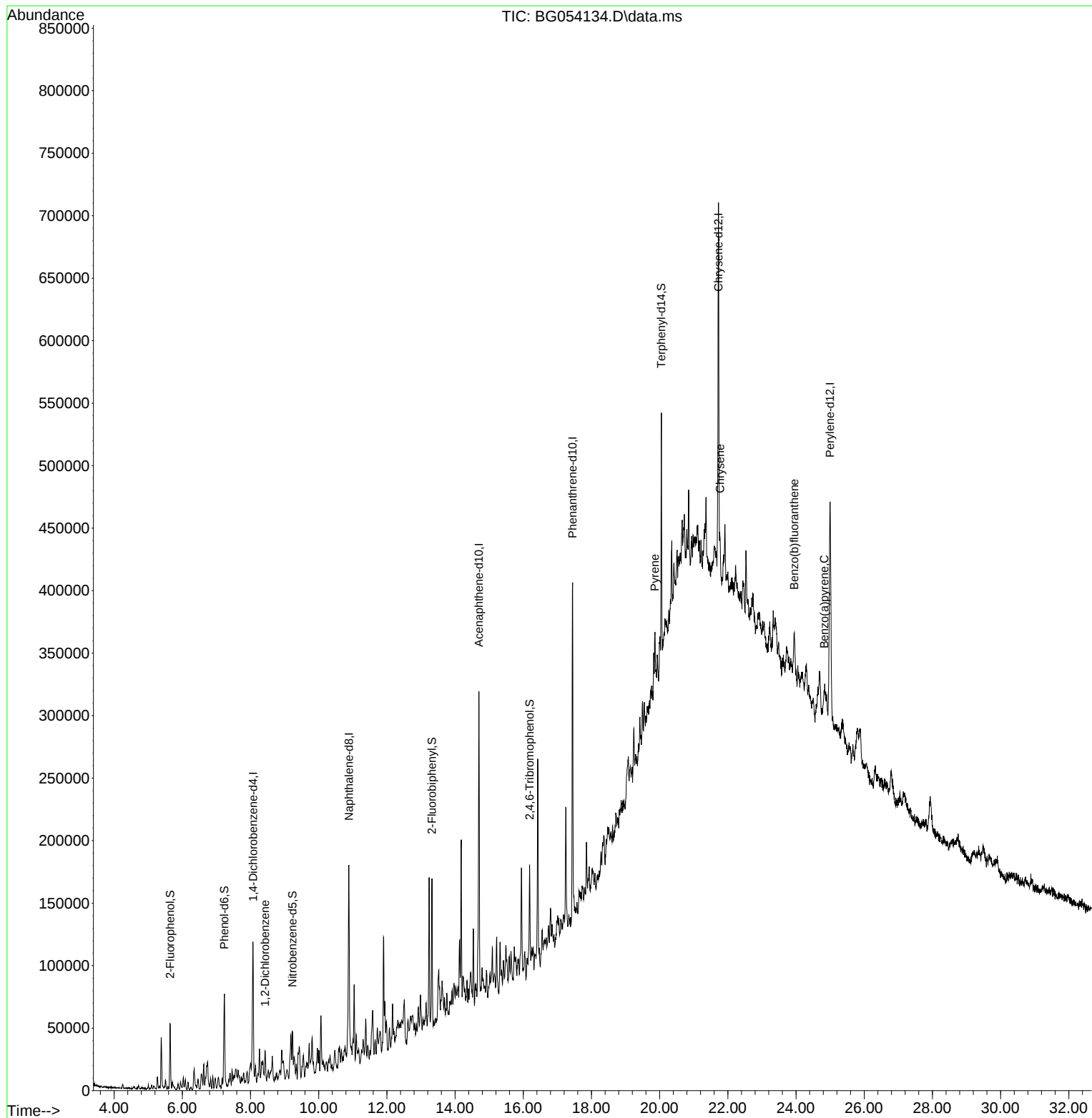
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054134.D
Acq On : 29 Jun 2022 2:02
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Misc :
ALS Vial : 15 Sample Multiplier: 1

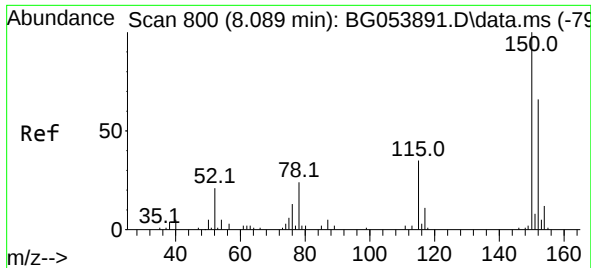
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5

Quant Time: Jun 29 02:37:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
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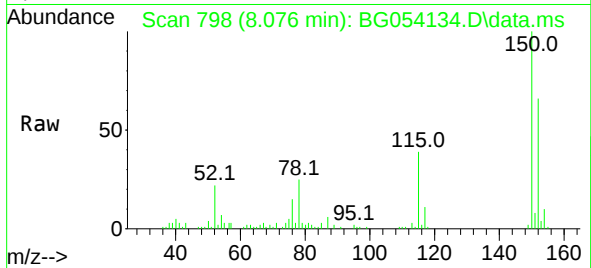
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

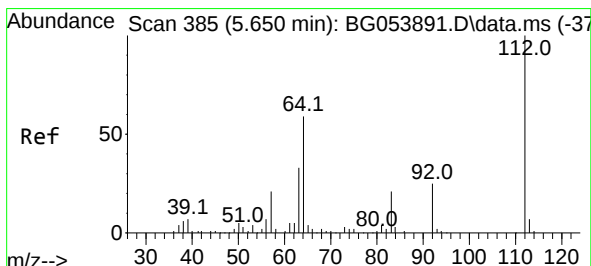
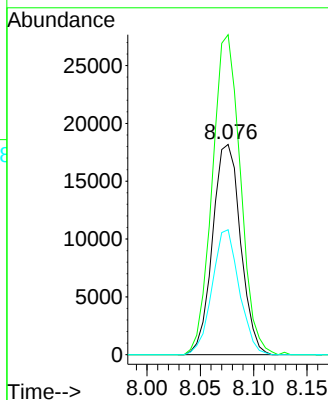
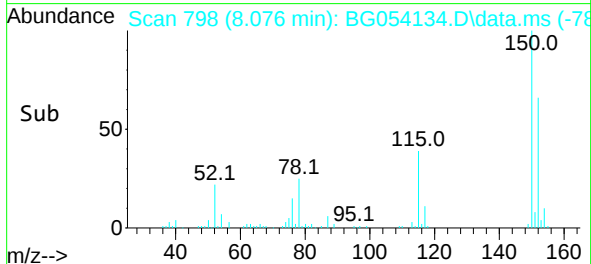
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5



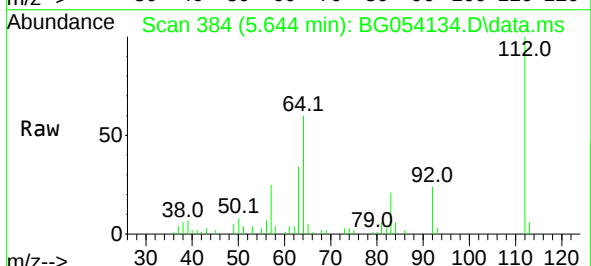
Tgt Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 59.4 50.9 76.3

Manual Integrations
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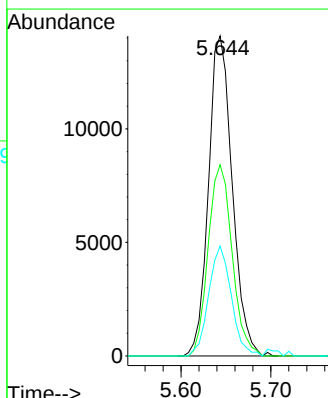
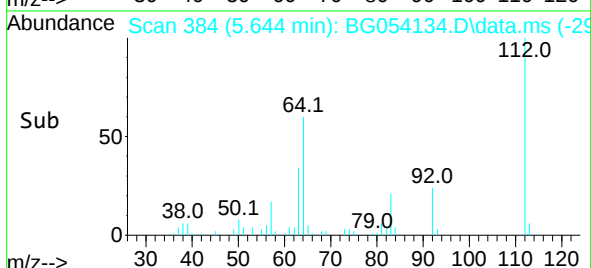
Reviewed By :Christian Giraldo 06/29/2022
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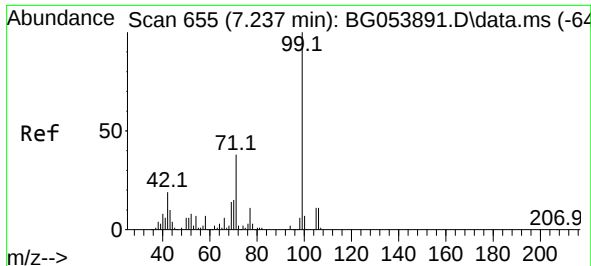


#5
2-Fluorophenol
Concen: 14.928 ng
RT: 5.644 min Scan# 384
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02



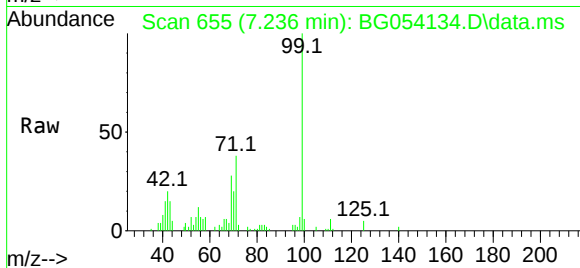
Tgt Ion:112 Resp: 25897
Ion Ratio Lower Upper
112 100
64 59.8 55.1 82.7
63 34.4 30.4 45.6





#7
Phenol-d6
Concen: 14.528 ng
RT: 7.236 min Scan# 611
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

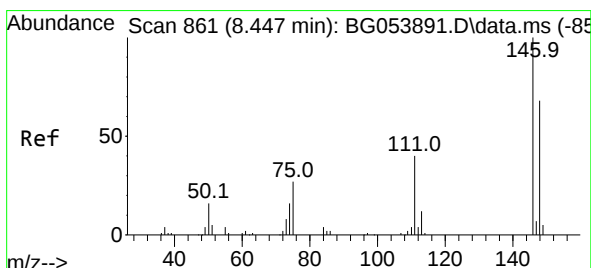
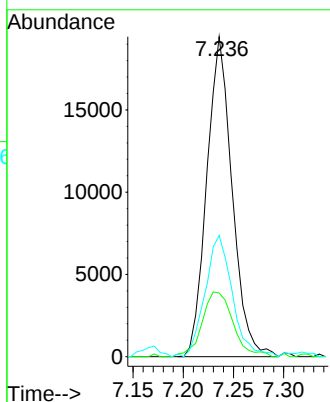
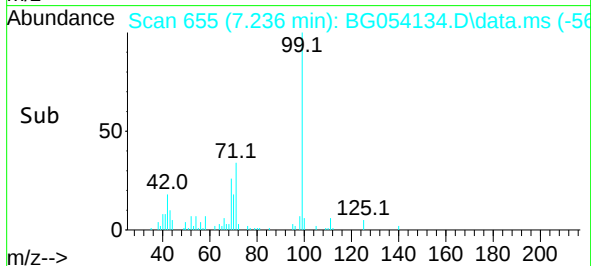
Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-5



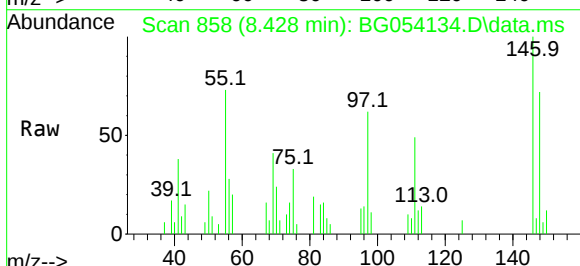
Tgt Ion: 99 Resp: 34189
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 37.9 33.8 50.8

Manual Integrations
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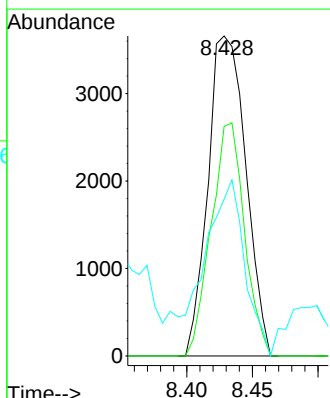
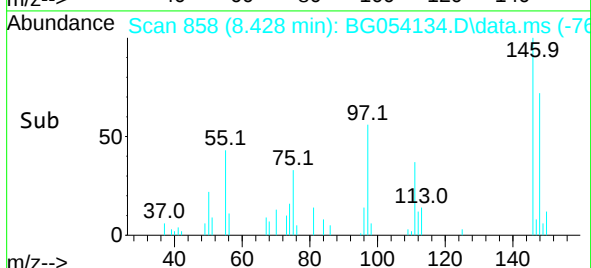
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

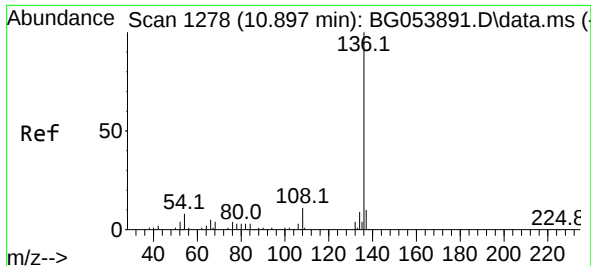


#14
1,2-Dichlorobenzene
Concen: 3.279 ng
RT: 8.428 min Scan# 858
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02



Tgt Ion:146 Resp: 7338
Ion Ratio Lower Upper
146 100
148 71.8 52.6 78.8
111 49.0 34.5 51.7





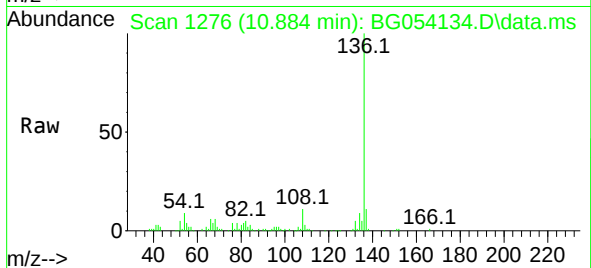
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 10
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

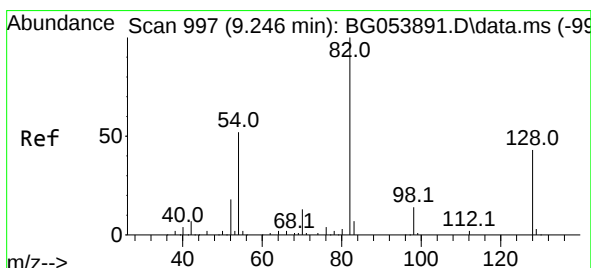
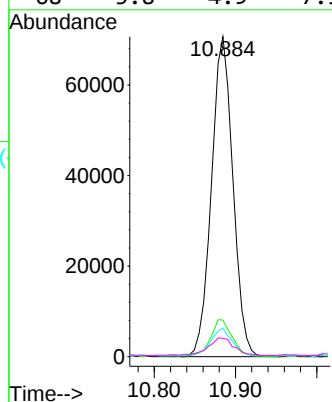


Tgt Ion:136 Resp: 129670
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 8.9 7.4 11.2
68 5.8 4.9 7.3

Manual Integrations

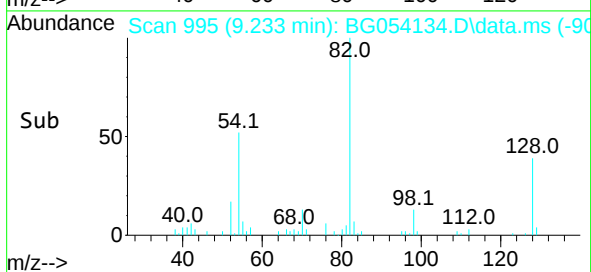
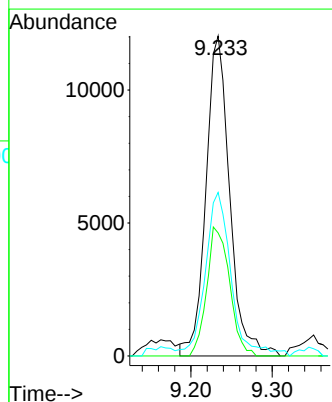
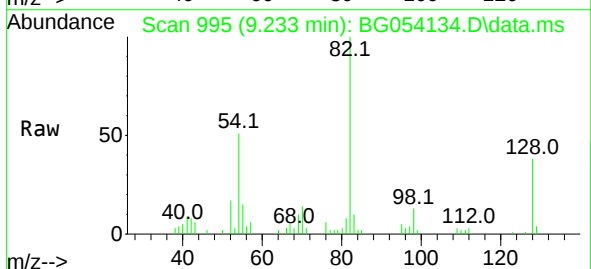
APPROVED

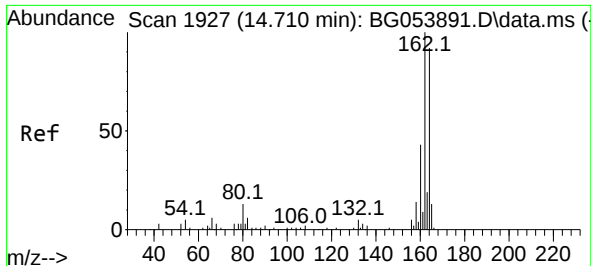
Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#23
Nitrobenzene-d5
Concen: 10.577 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion: 82 Resp: 24406
Ion Ratio Lower Upper
82 100
128 38.4 27.9 41.9
54 51.1 41.2 61.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

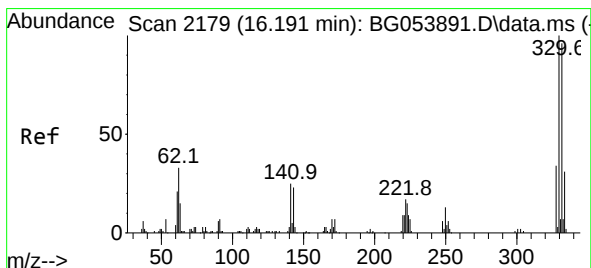
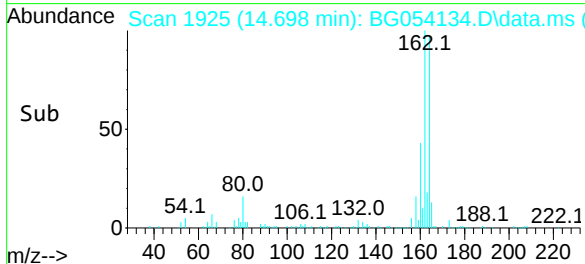
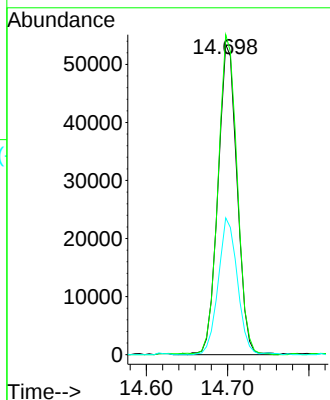
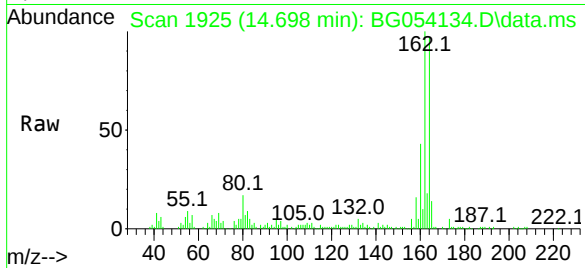
ClientSampleId :

SP-EXC-1-5

Tgt Ion:164 Resp: 87658
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 44.1 34.2 51.2

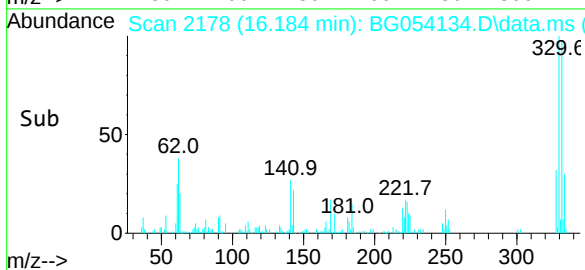
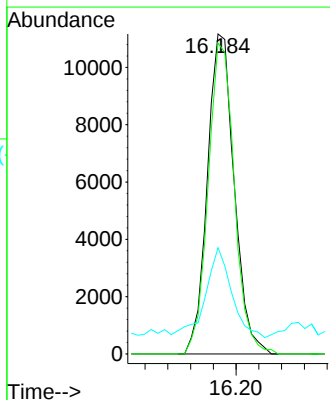
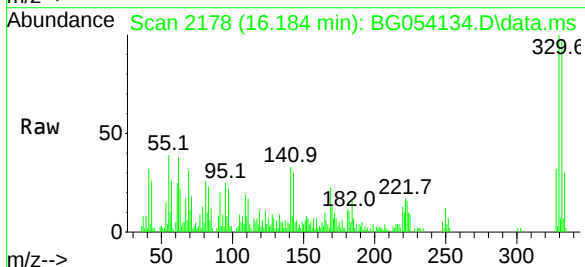
Manual Integrations
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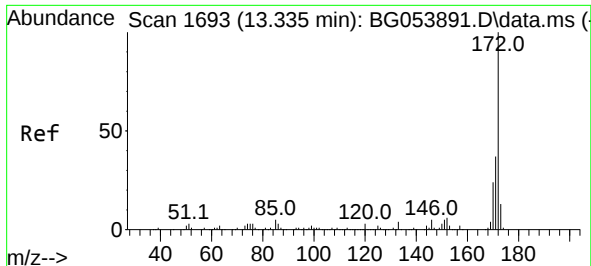
Reviewed By :Christian Giraldo 06/29/2022
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#42
2,4,6-Tribromophenol
Concen: 13.004 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Tgt Ion:330 Resp: 18314
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 27.4 27.1 40.7





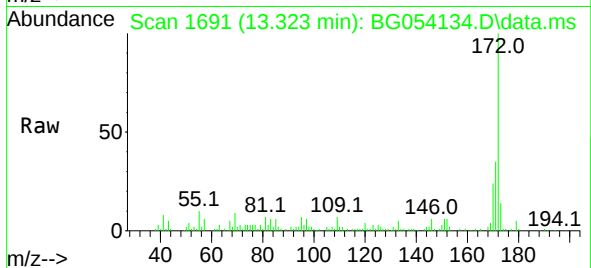
#45
2-Fluorobiphenyl
Concen: 10.168 ng
RT: 13.323 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

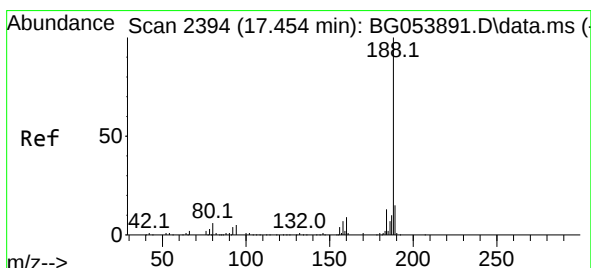
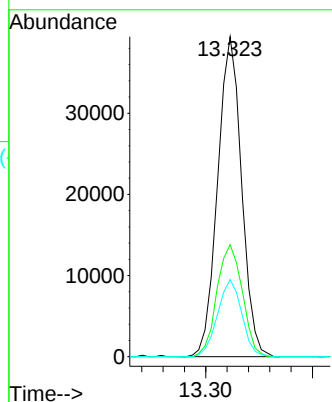
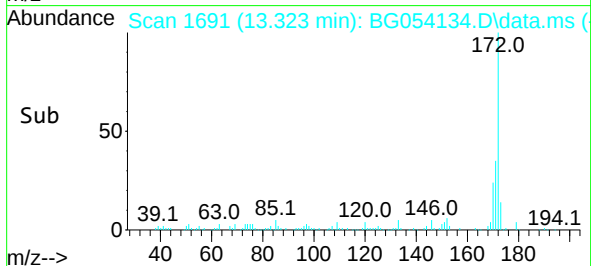


Tgt Ion:172 Resp: 61290
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 24.1 18.9 28.3

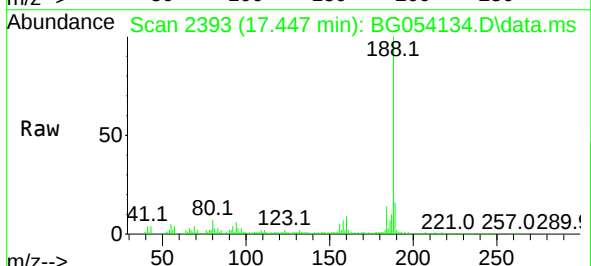
Manual Integrations

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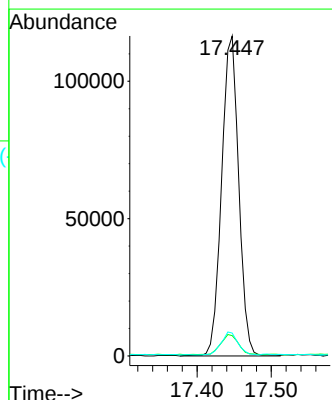
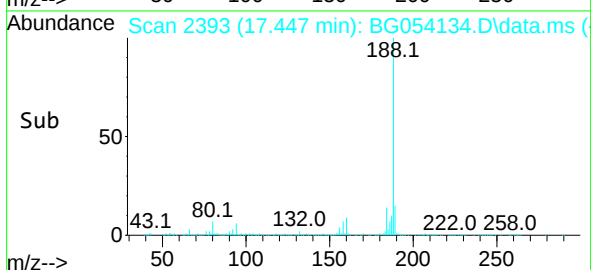
Reviewed By :Christian Giraldo 06/29/2022
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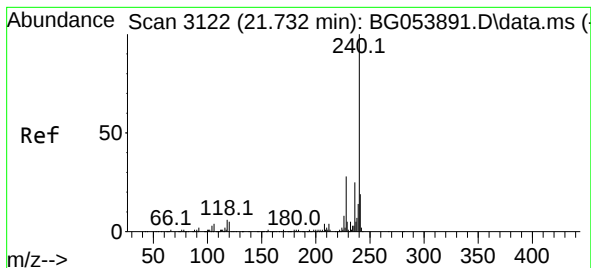


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.447 min Scan# 2393
Delta R.T. 0.006 min
Lab File: BG054134.D
Acq: 29 Jun 2022 2:02



Tgt Ion:188 Resp: 186301
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 7.2 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.725 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

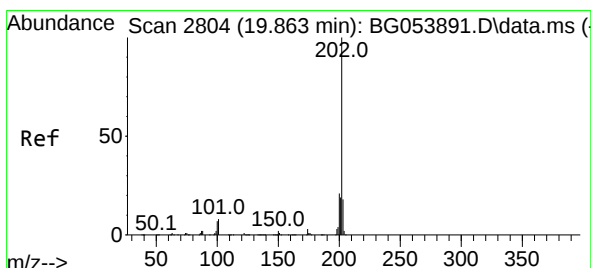
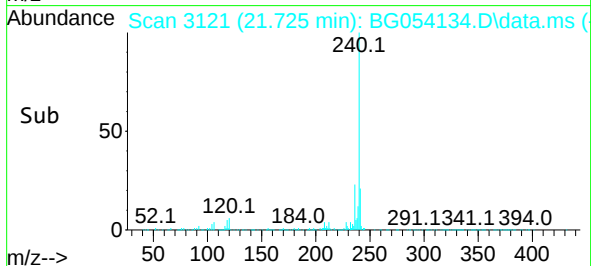
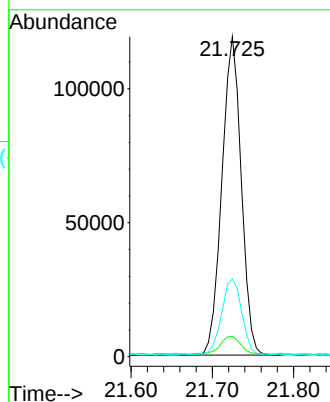
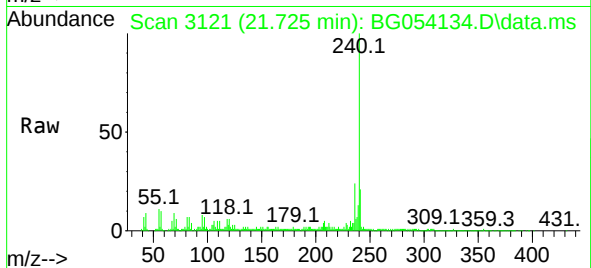
Tgt Ion:240 Resp: 19656

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	7.0
236	24.2	20.2	30.4

Manual Integrations

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#78

Pyrene

Concen: 2.726 ng

RT: 19.856 min Scan# 2803

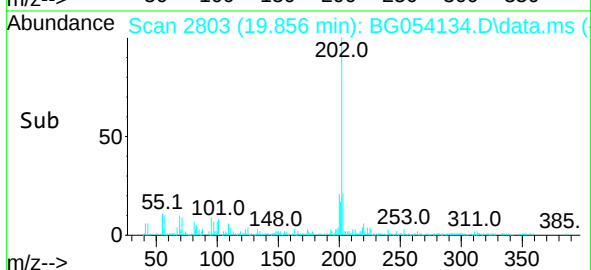
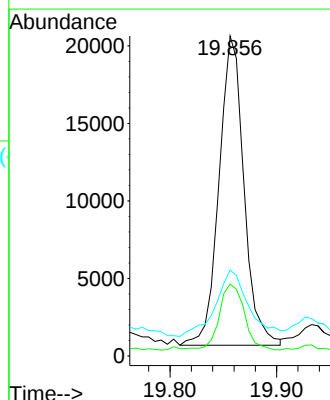
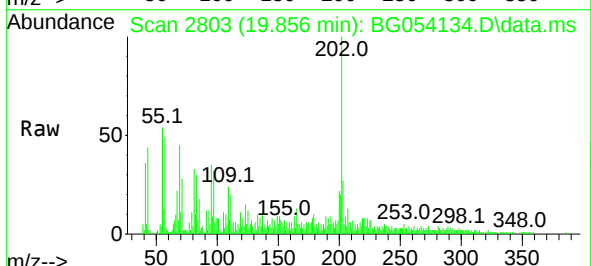
Delta R.T. 0.006 min

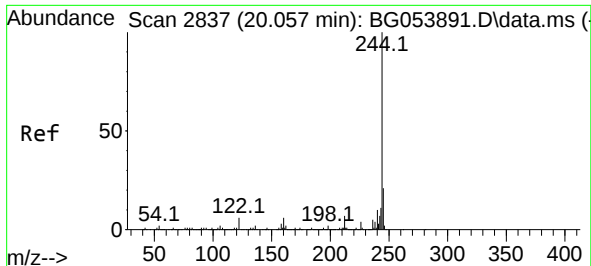
Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Tgt Ion:202 Resp: 32367

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	24.8
203	26.8	14.6	21.8





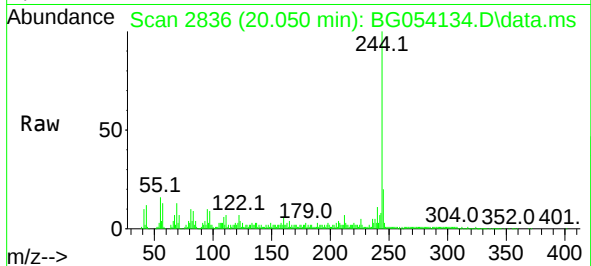
#79
 Terphenyl-d14
 Concen: 10.503 ng
 RT: 20.050 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG054134.D
 Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5

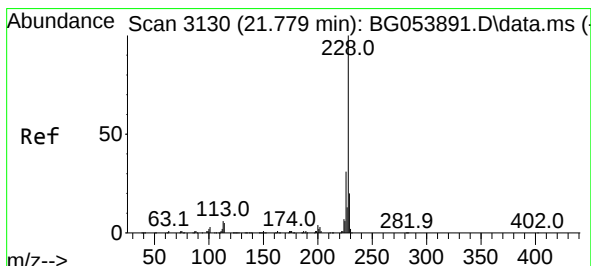
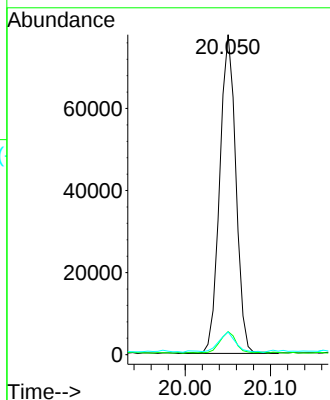
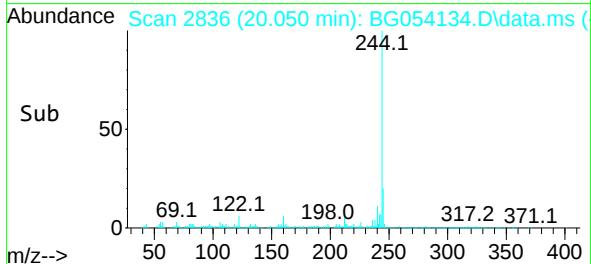


Tgt Ion:244 Resp: 102504
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 7.1 5.0 7.4

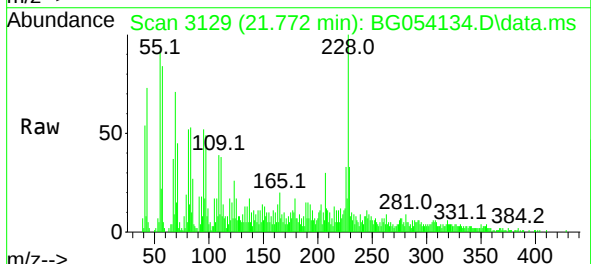
Manual Integrations

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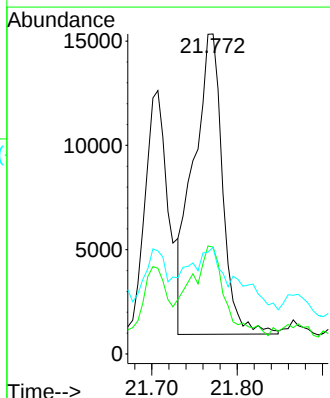
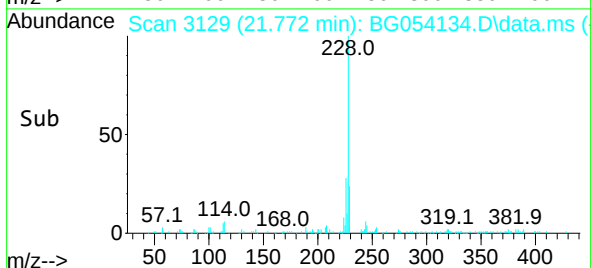
Reviewed By :Christian Giraldo 06/29/2022
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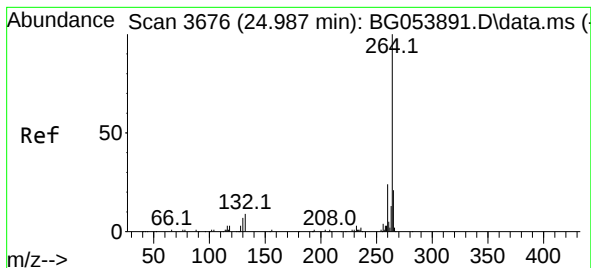


#83
 Chrysene
 Concen: 2.812 ng
 RT: 21.772 min Scan# 3129
 Delta R.T. 0.011 min
 Lab File: BG054134.D
 Acq: 29 Jun 2022 2:02



Tgt Ion:228 Resp: 34111
 Ion Ratio Lower Upper
 228 100
 226 33.4 23.4 35.2
 229 33.3 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.997 min Scan# 30

Delta R.T. 0.035 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

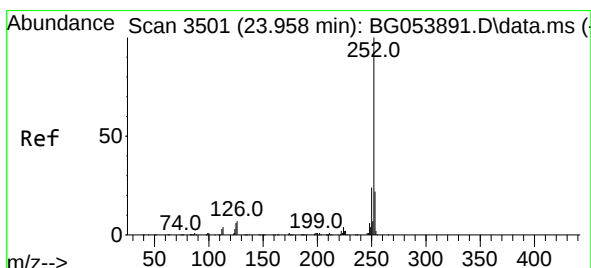
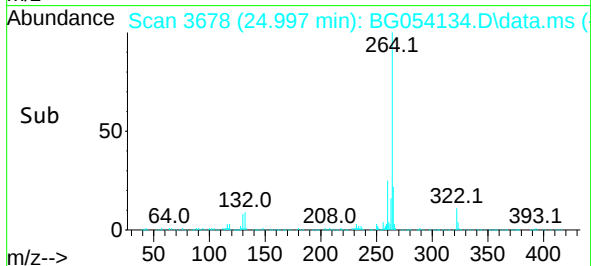
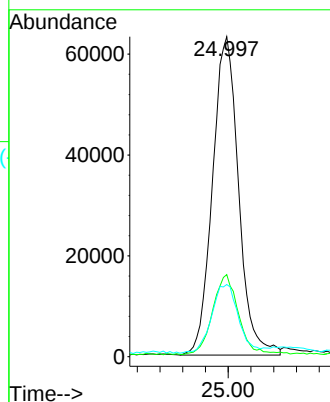
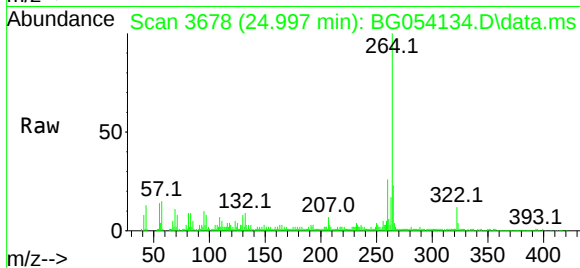
SP-EXC-1-5

Tgt Ion:	264	Resp:	201560
Ion Ratio	Lower	Upper	
264	100		
260	25.6	19.0	28.6
265	22.6	17.4	26.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022



#88

Benzo(b)fluoranthene

Concen: 2.344 ng m

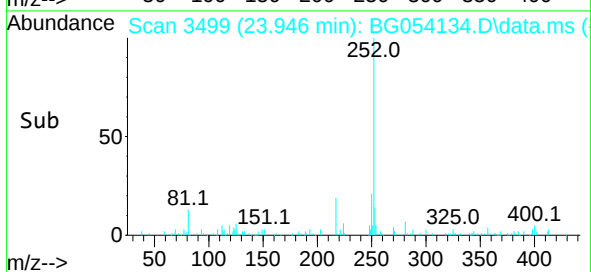
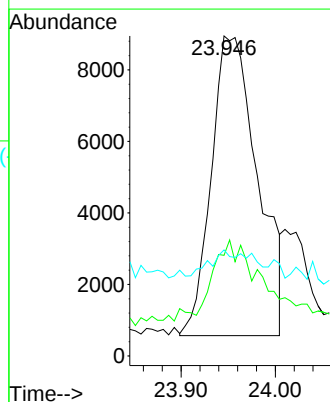
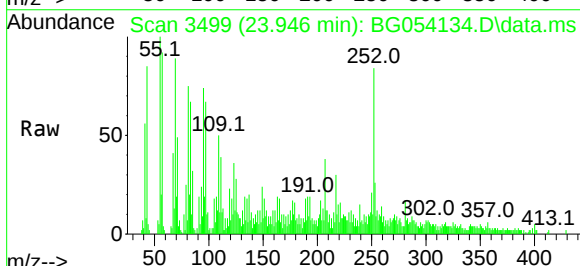
RT: 23.946 min Scan# 3499

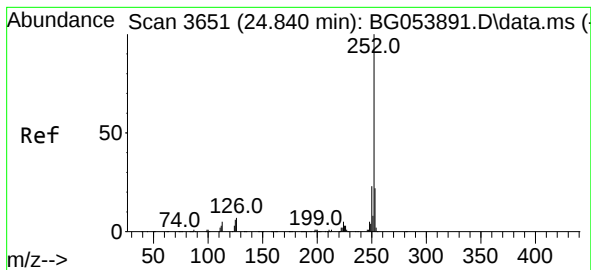
Delta R.T. 0.011 min

Lab File: BG054134.D

Acq: 29 Jun 2022 2:02

Tgt Ion:	252	Resp:	28723
Ion Ratio	Lower	Upper	
252	100		
253	31.4	18.0	27.0#
125	33.1	4.6	6.8#





#90

Benzo(a)pyrene

Concen: 2.537 ng

RT: 24.833 min Scan# 30

Delta R.T. 0.017 min

Lab File: BG054134.D

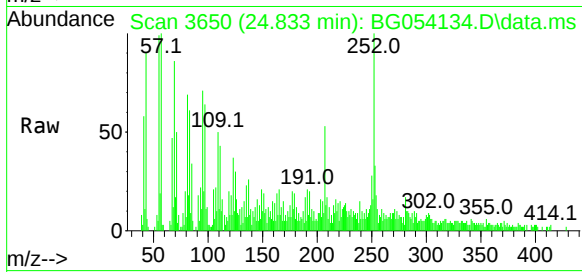
Acq: 29 Jun 2022 2:02

Instrument :

BNA_G

ClientSampleId :

SP-EXC-1-5



Tgt Ion:252 Resp: 26238

Ion Ratio Lower Upper

252 100

253 32.8 17.8 26.8

125 29.6 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/29/2022
Supervised By :Jagrut Upadhyay 06/29/2022

