

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054429.D
 Acq On : 28 Jul 2022 12:59
 Operator : CG/JU
 Sample : N3893-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-5

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:08:18 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	16751	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	69142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.623	164	55608	20.000	ng	0.00
64) Phenanthrene-d10	17.367	188	137083	20.000	ng	# 0.00
76) Chrysene-d12	21.632	240	149652	20.000	ng	# 0.00
86) Perylene-d12	24.840	264	158776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	93106	116.050	ng	0.00
7) Phenol-d6	7.167	99	126984	115.509	ng	0.00
23) Nitrobenzene-d5	9.147	82	84488	66.544	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	114221	97.829	ng	0.00
45) 2-Fluorobiphenyl	13.242	172	266725	67.664	ng	0.00
79) Terphenyl-d14	19.976	244	531112	70.405	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.423	202	36796	3.954	ng	96
78) Pyrene	19.782	202	40439	4.709	ng	96
83) Chrysene	21.679	228	28010m	3.121	ng	
88) Benzo(b)fluoranthene	23.824	252	32112	3.420	ng	99
90) Benzo(a)pyrene	24.682	252	22645m	2.824	ng	

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

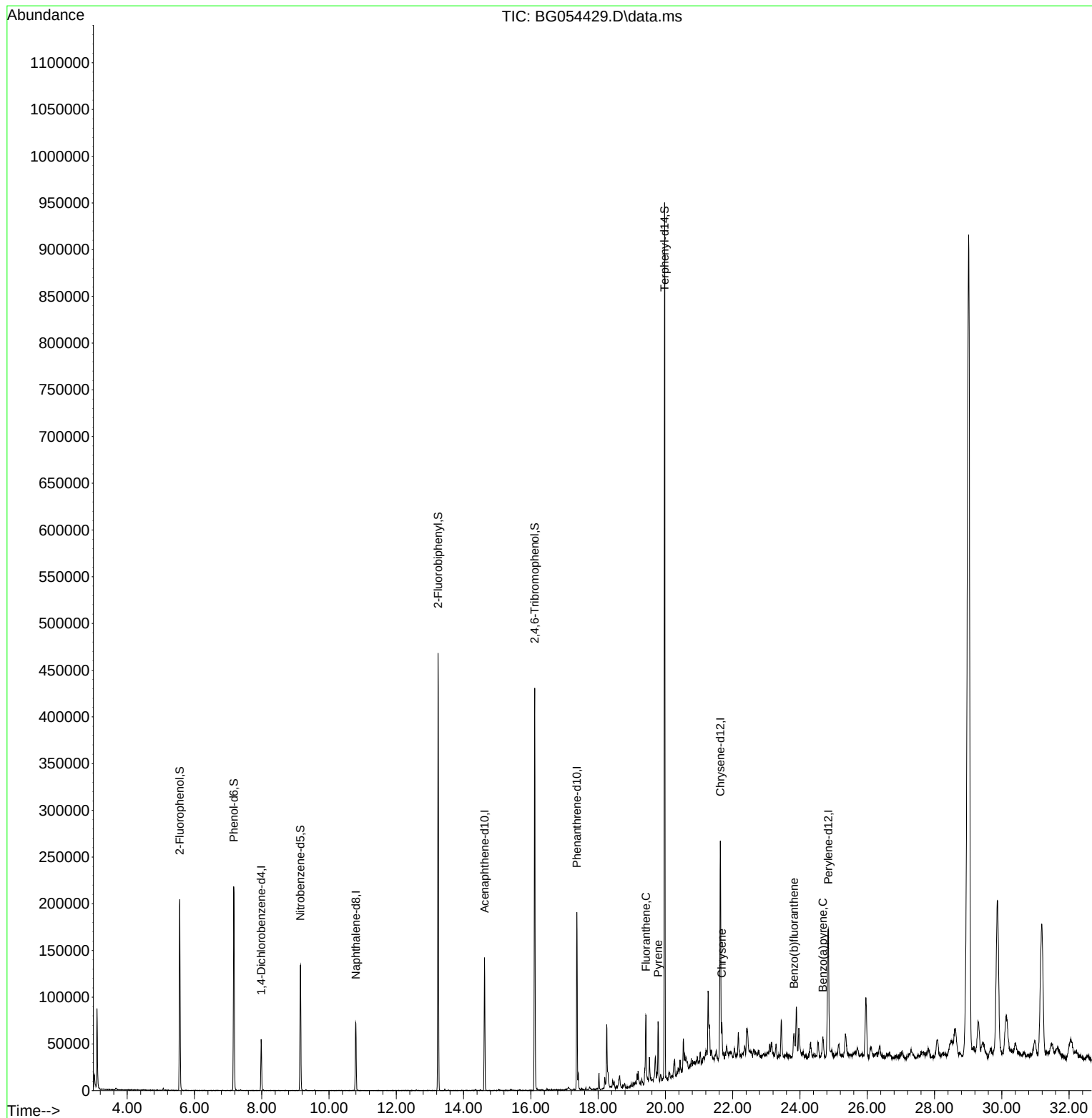
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
Data File : BG054429.D
Acq On : 28 Jul 2022 12:59
Operator : CG/JU
Sample : N3893-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

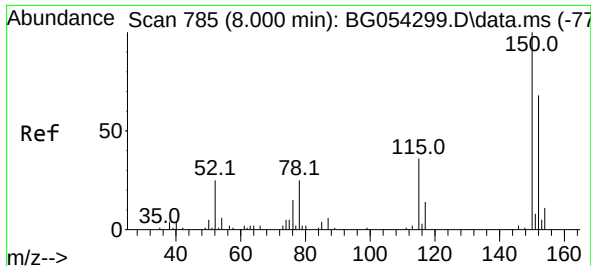
Instrument :
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RVE-5

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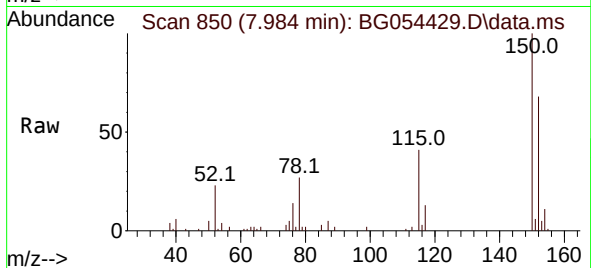
Quant Time: Jul 29 04:08:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

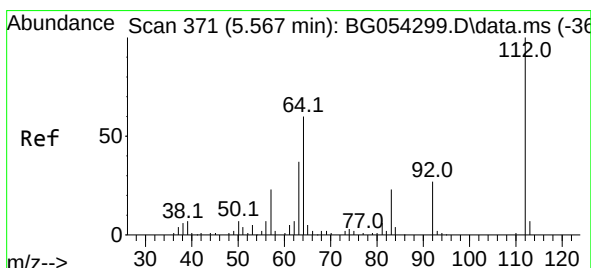
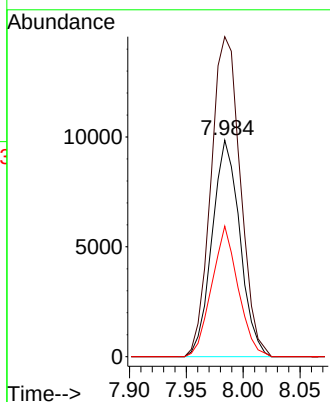
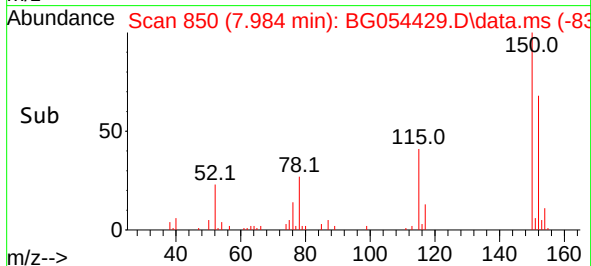
Instrument :
BNA_G
ClientSampleId :
RVE-5



Tgt Ion:152 Resp: 1675
Ion Ratio Lower Upper
152 100
150 147.8 131.6 197.4
115 60.3 50.9 76.3

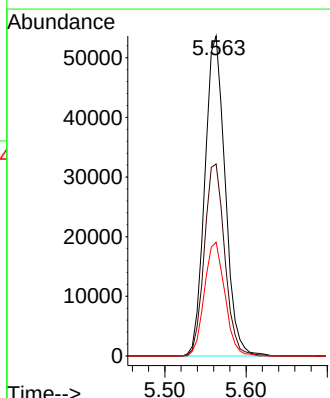
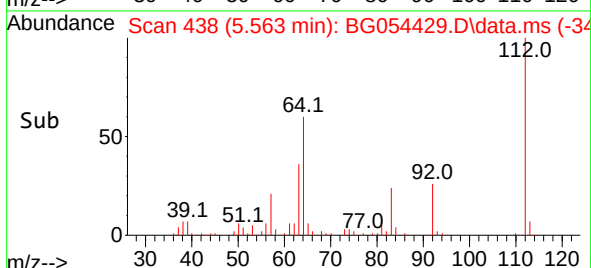
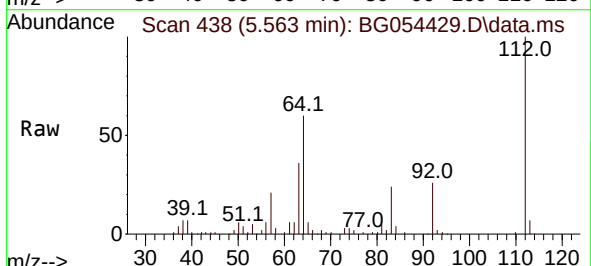
Manual Integrations
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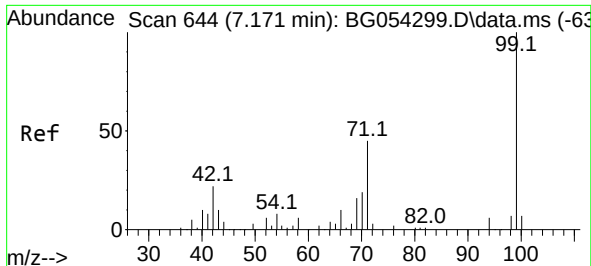
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022



#5
2-Fluorophenol
Concen: 116.050 ng
RT: 5.563 min Scan# 438
Delta R.T. 0.001 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

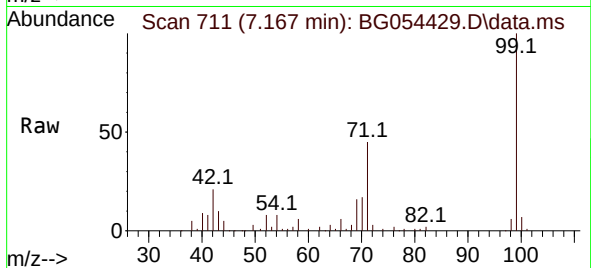
Tgt Ion:112 Resp: 93106
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 35.6 30.4 45.6





#7
Phenol-d6
Concen: 115.509 ng
RT: 7.167 min Scan# 71
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

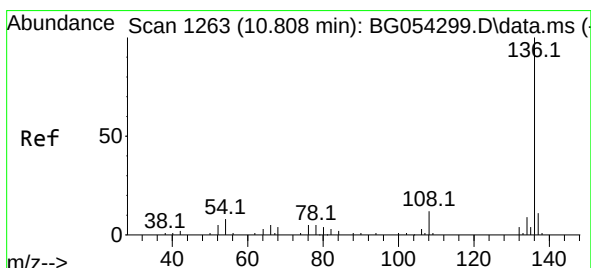
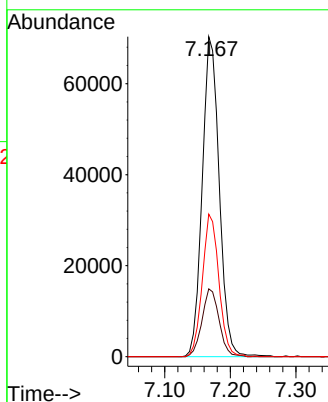
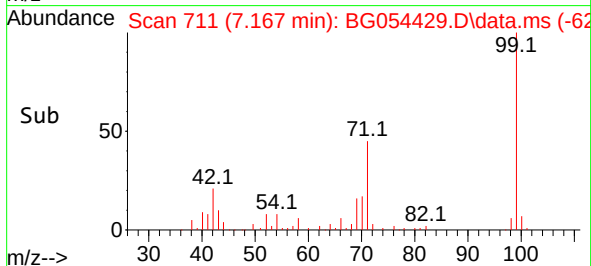
Instrument :
BNA_G
ClientSampleId :
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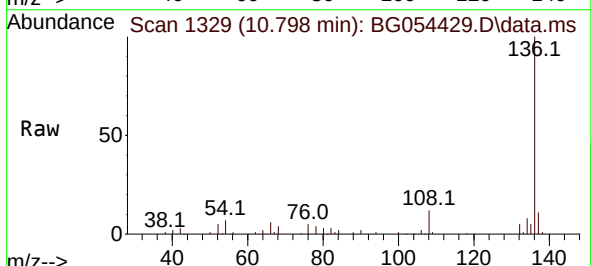
Tgt Ion: 99 Resp: 126984
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 44.5 33.8 50.8

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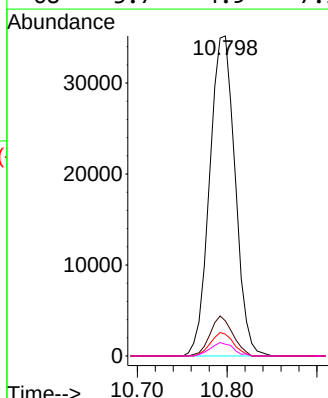
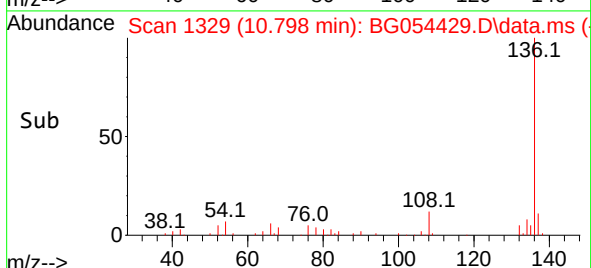
Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

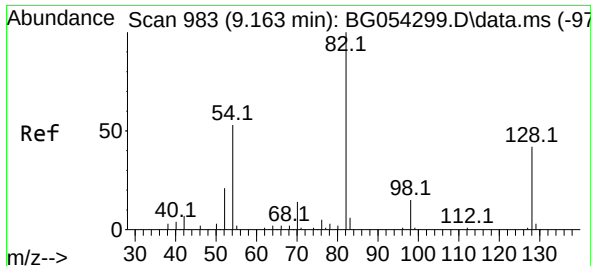


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.798 min Scan# 1329
Delta R.T. 0.001 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59



Tgt Ion:136 Resp: 69142
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 6.8 7.4 11.2#
68 3.7 4.9 7.3#





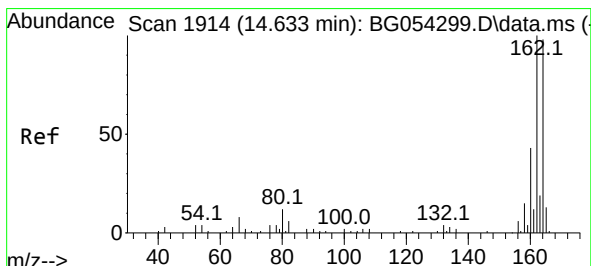
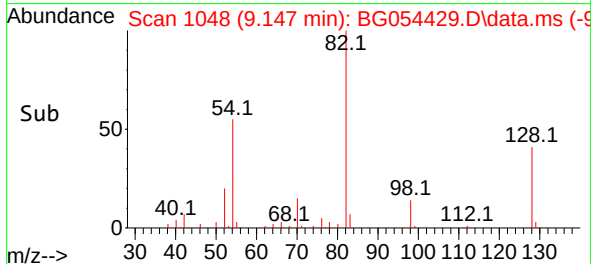
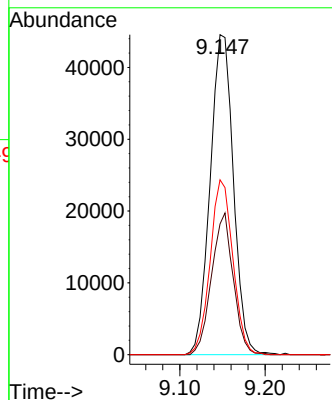
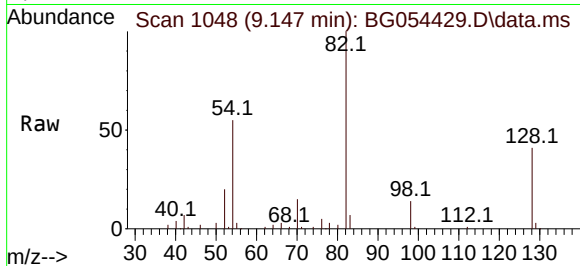
#23
Nitrobenzene-d5
Concen: 66.544 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

Instrument :
BNA_G
ClientSampleId :
RVE-5

Tgt Ion: 82 Resp: 8448
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 54.7 41.2 61.8

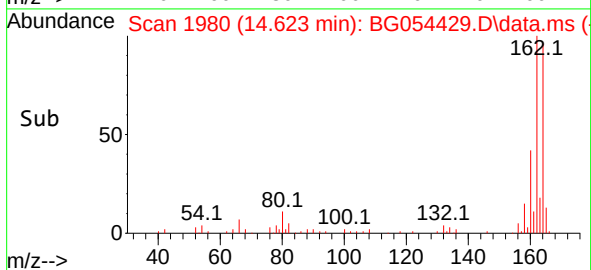
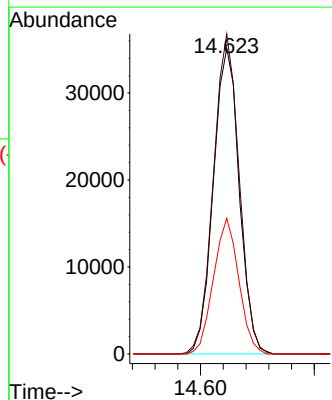
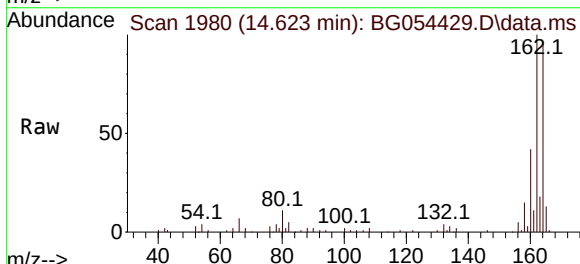
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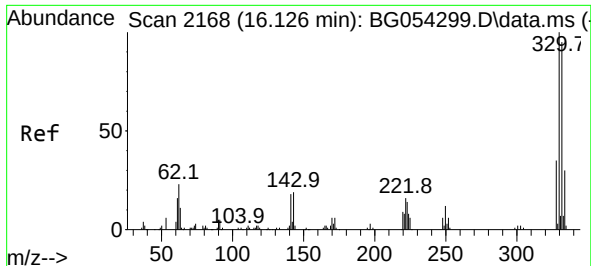
Reviewed By :Christian Giraldo 07/29/2022
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.623 min Scan# 1980
Delta R.T. 0.001 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

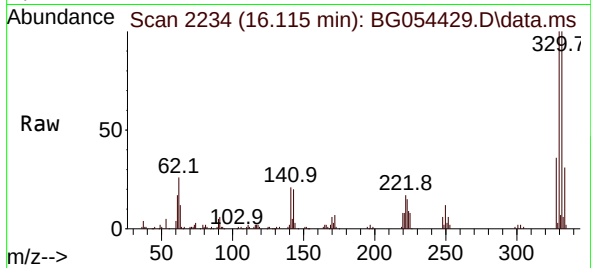
Tgt Ion:164 Resp: 55608
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 44.4 34.2 51.2





#42
2,4,6-Tribromophenol
Concen: 97.829 ng
RT: 16.115 min Scan# 2168
Delta R.T. 0.001 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

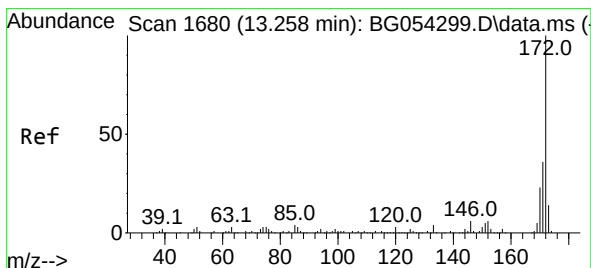
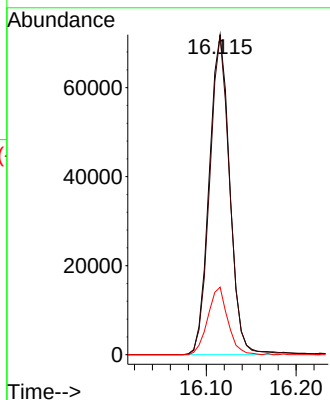
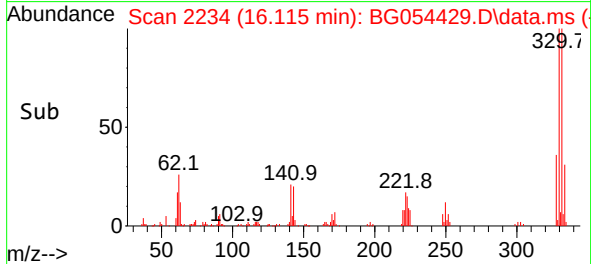
Instrument :
BNA_G
ClientSampleId :
RVE-5



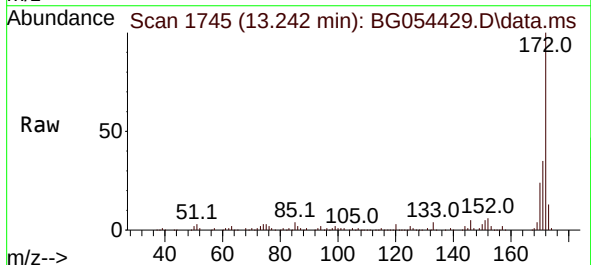
Tgt Ion:330 Resp: 11422
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 20.5 27.1 40.7

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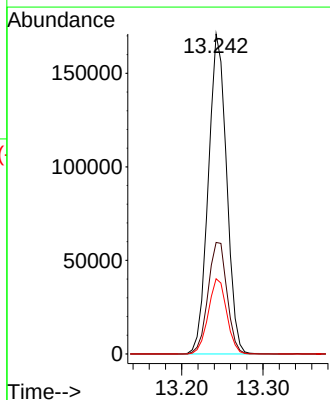
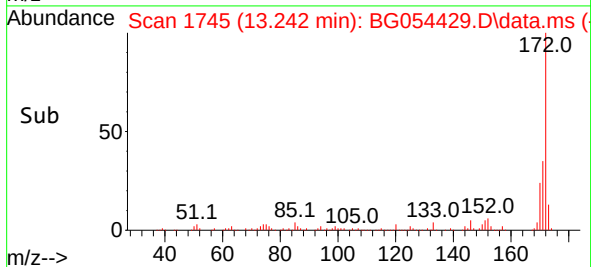
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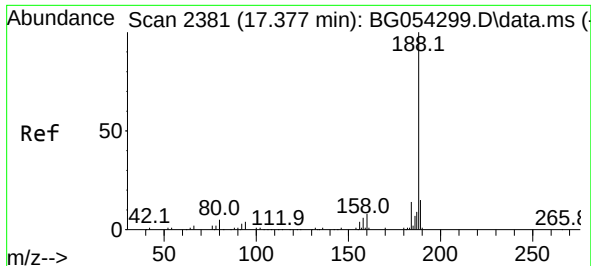


#45
2-Fluorobiphenyl
Concen: 67.664 ng
RT: 13.242 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59



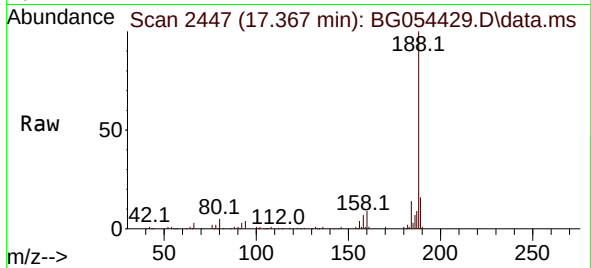
Tgt Ion:172 Resp: 266725
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.5 18.9 28.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.367 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

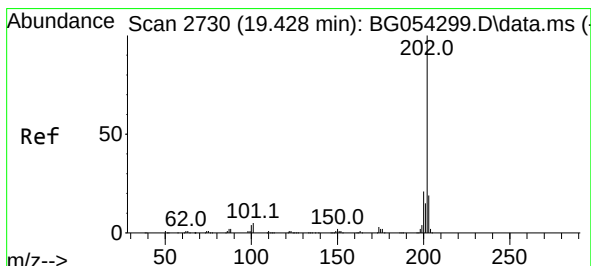
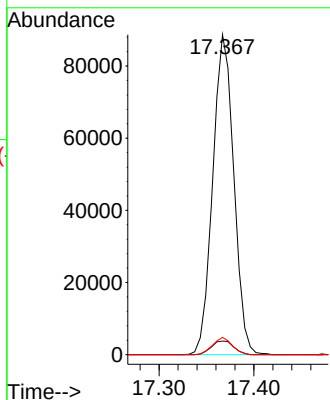
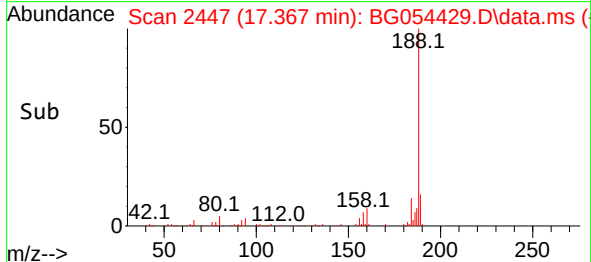
Instrument :
BNA_G
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RVE-5



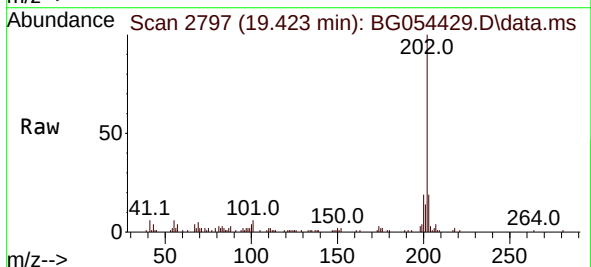
Tgt Ion:188 Resp: 137083
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0
80 5.4 6.8 10.2

Manual Integrations
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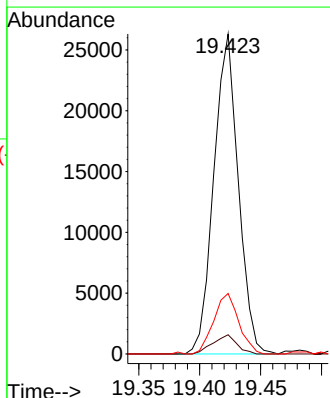
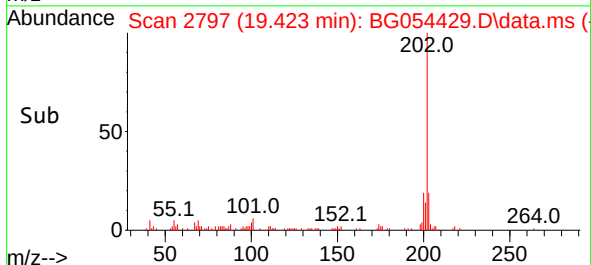
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Supervised By :Jagrut Upadhyay 07/29/2022

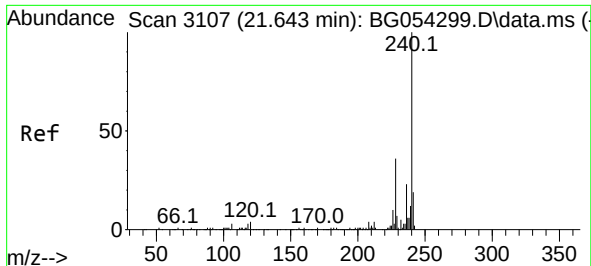


#75
Fluoranthene
Concen: 3.954 ng
RT: 19.423 min Scan# 2797
Delta R.T. 0.001 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59



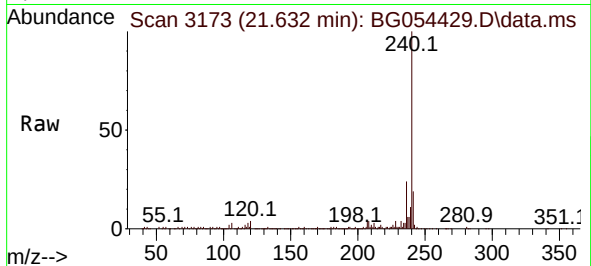
Tgt Ion:202 Resp: 36796
Ion Ratio Lower Upper
202 100
101 6.0 0.0 26.9
203 18.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.632 min Scan# 3107
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59

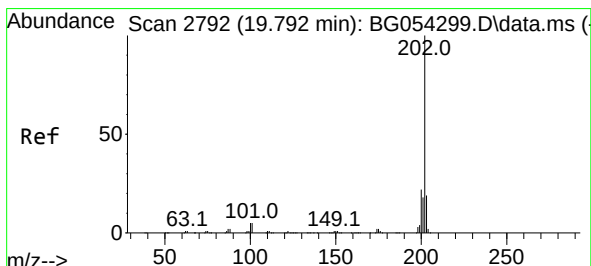
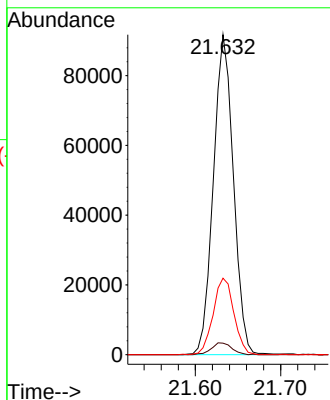
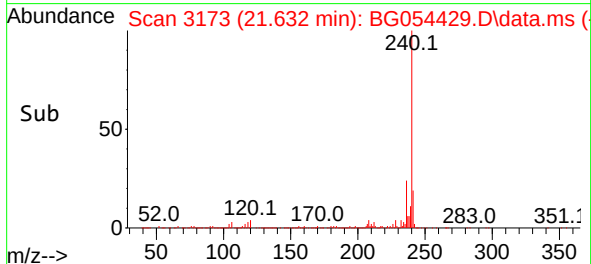
Instrument :
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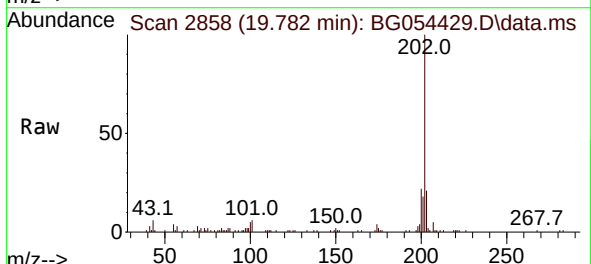
Tgt Ion:240 Resp: 149652
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0
236 23.9 20.2 30.4

Manual Integrations
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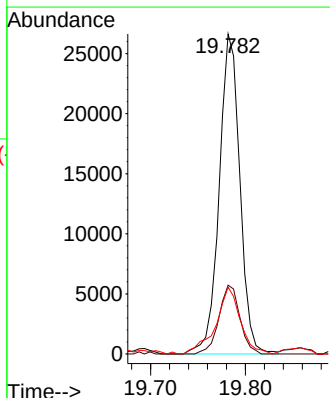
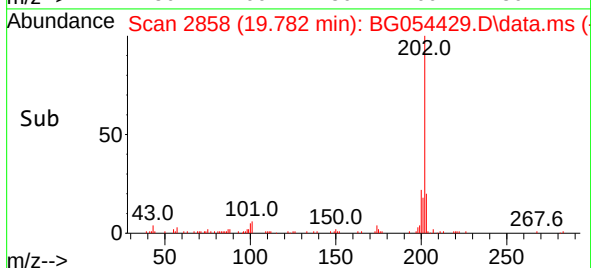
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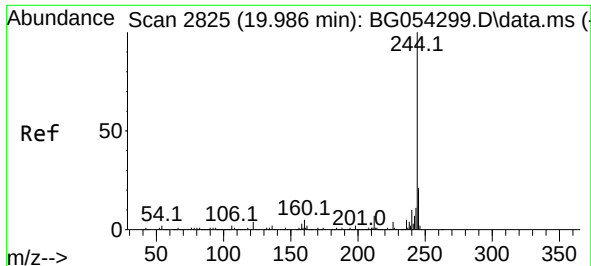


#78
Pyrene
Concen: 4.709 ng
RT: 19.782 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG054429.D
Acq: 28 Jul 2022 12:59



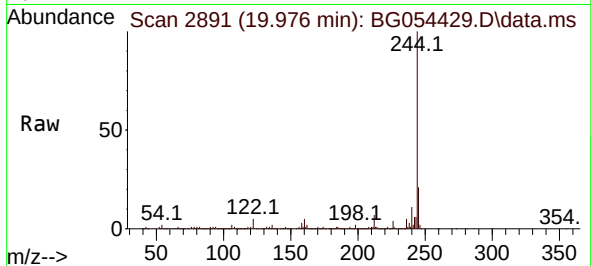
Tgt Ion:202 Resp: 40439
Ion Ratio Lower Upper
202 100
200 21.5 16.6 24.8
203 20.9 14.6 21.8





#79
 Terphenyl-d14
 Concen: 70.405 ng
 RT: 19.976 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054429.D
 Acq: 28 Jul 2022 12:59

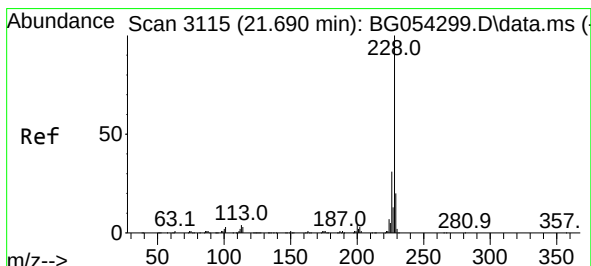
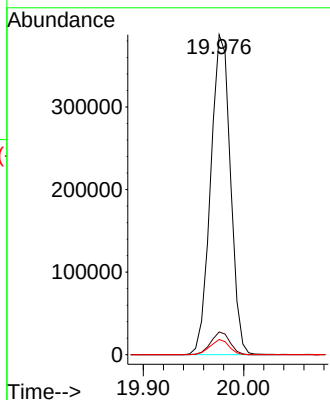
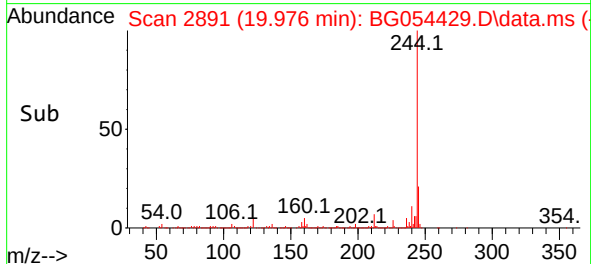
Instrument :
 BNA_G
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 RVE-5



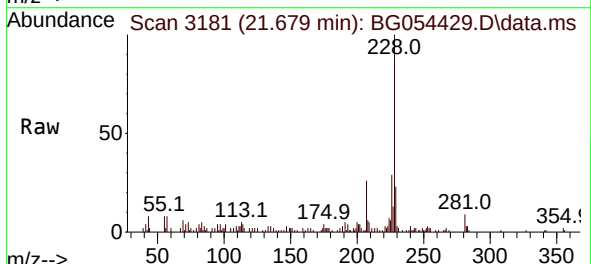
Tgt Ion:244 Resp: 53111
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.7 5.0 7.4

Manual Integrations
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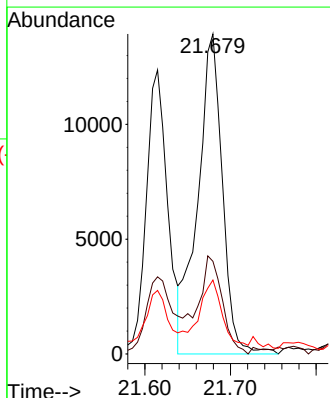
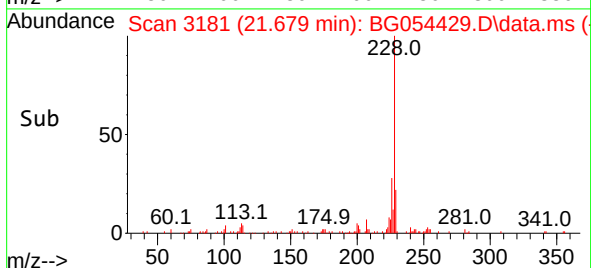
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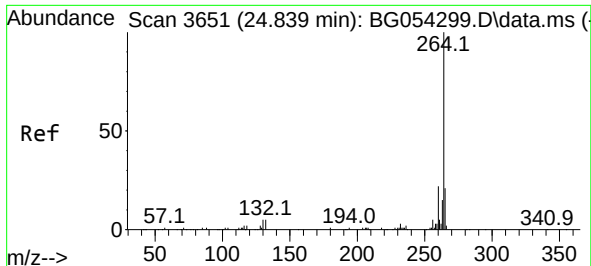


#83
 Chrysene
 Concen: 3.121 ng m
 RT: 21.679 min Scan# 3181
 Delta R.T. -0.005 min
 Lab File: BG054429.D
 Acq: 28 Jul 2022 12:59



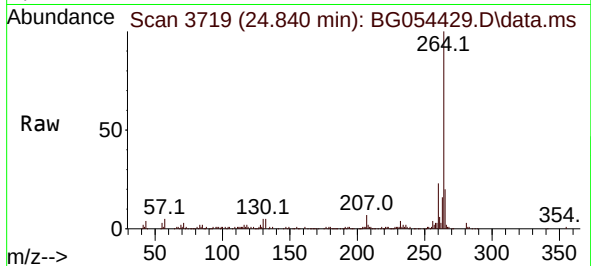
Tgt Ion:228 Resp: 28010
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.4 35.2
 229 23.1 15.5 23.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.840 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG054429.D
 Acq: 28 Jul 2022 12:59

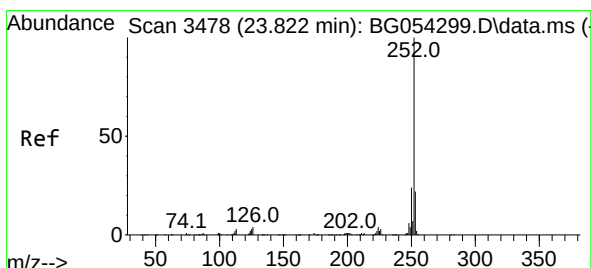
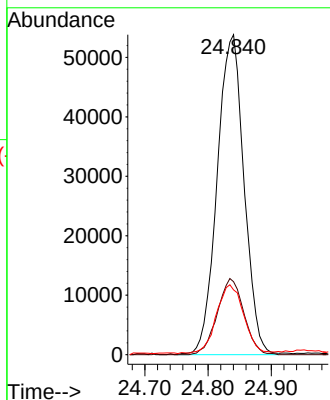
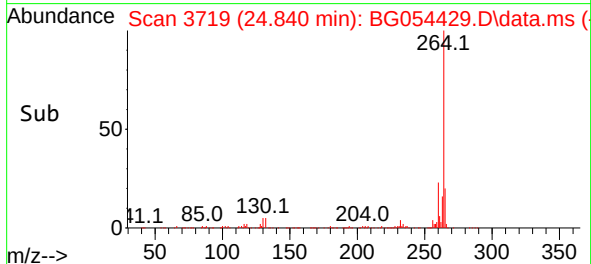
Instrument :
 BNA_G
 ClientSampleId :
 RVE-5



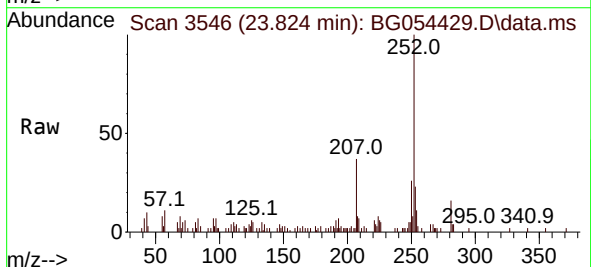
Tgt Ion:264 Resp: 158770
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 20.2 17.4 26.2

Manual Integrations
 APPROVED

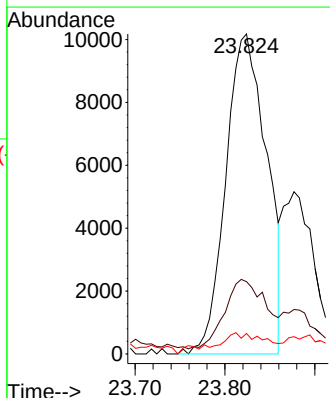
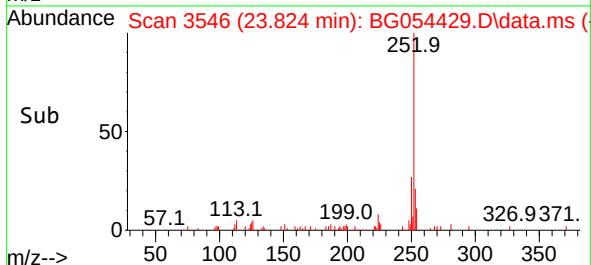
Reviewed By :Christian Giraldo 07/29/2022
 Supervised By :Jagrut Upadhyay 07/29/2022

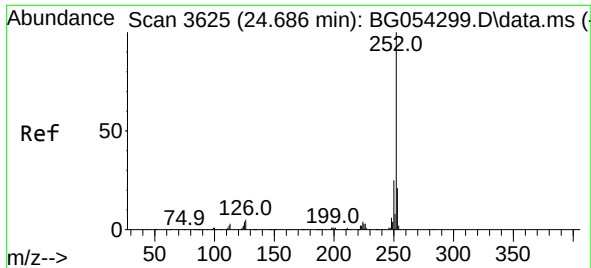


#88
 Benzo(b)fluoranthene
 Concen: 3.420 ng
 RT: 23.824 min Scan# 3546
 Delta R.T. 0.001 min
 Lab File: BG054429.D
 Acq: 28 Jul 2022 12:59



Tgt Ion:252 Resp: 32112
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 6.4 4.6 6.8





#90

Benzo(a)pyrene

Concen: 2.824 ng m

RT: 24.682 min Scan# 30

Delta R.T. -0.005 min

Lab File: BG054429.D

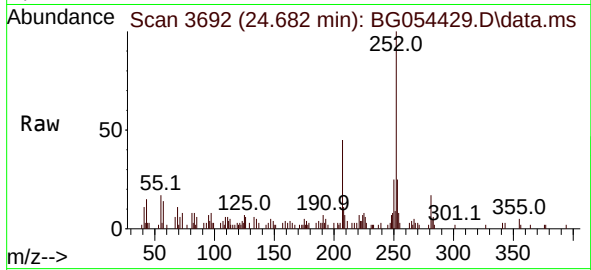
Acq: 28 Jul 2022 12:59

Instrument :

BNA_G

ClientSampleId :

RVE-5



Tgt Ion:252 Resp: 2264

Ion Ratio Lower Upper

252 100

253 25.3 17.8 26.8

125 6.5 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/29/2022

Supervised By :Jagrut Upadhyay 07/29/2022

