

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054796.D
 Acq On : 30 Aug 2022 19:26
 Operator : CG/JU
 Sample : N4397-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-216

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/31/2022
 Supervised By : Jagrut Upadhyay 08/31/2022

Quant Time: Aug 31 02:09:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	55690	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	229839	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	145115	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	309208	20.000	ng	0.00
76) Chrysene-d12	21.819	240	283507	20.000	ng	0.00
86) Perylene-d12	25.192	264	300640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	354536	110.859	ng	0.00
7) Phenol-d6	7.301	99	481407	110.070	ng	0.00
23) Nitrobenzene-d5	9.322	82	292033	66.702	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	189824	104.684	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	678717	70.297	ng	0.00
79) Terphenyl-d14	20.127	244	965665	67.489	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	14.845	154	27268	3.143	ng	98
58) Fluorene	15.826	166	29440	2.741	ng	97
71) Phenanthrene	17.572	178	231158	14.034	ng	98
75) Fluoranthene	19.575	202	421100	21.015	ng	98
78) Pyrene	19.939	202	339027	17.150	ng	99
81) Benzo(a)anthracene	21.802	228	168210	8.751	ng	99
83) Chrysene	21.866	228	180638m	9.828	ng	
84) Bis(2-ethylhexyl)phtha...	21.684	149	101348	8.531	ng	99
87) Indeno(1,2,3-cd)pyrene	29.052	276	115373	5.055	ng	# 97
88) Benzo(b)fluoranthene	24.117	252	241471	12.804	ng	98
89) Benzo(k)fluoranthene	24.176	252	89140m	4.696	ng	
90) Benzo(a)pyrene	25.027	252	148399	9.210	ng	98
92) Benzo(g,h,i)perylene	30.263	276	112494	5.989	ng	97

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

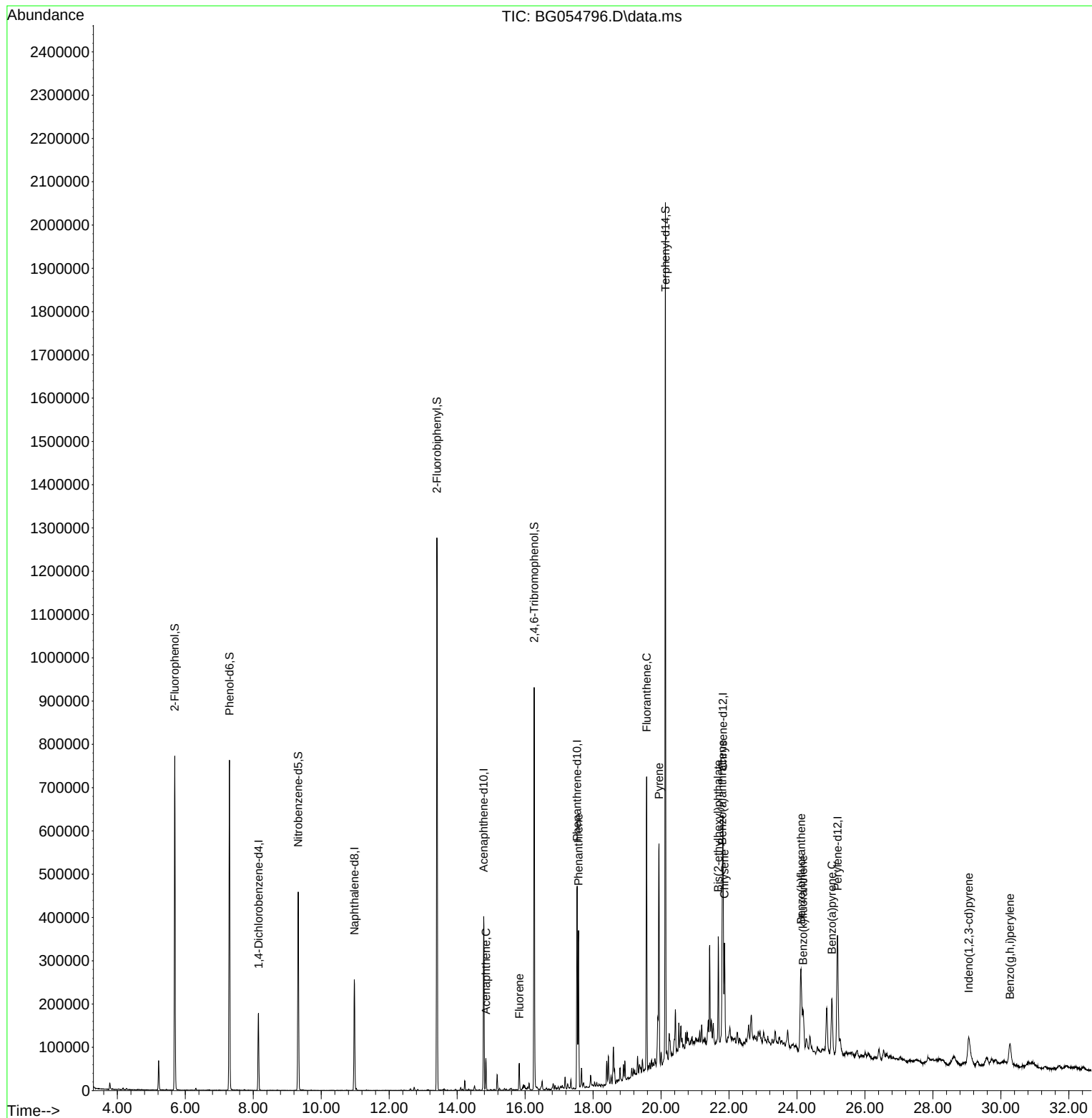
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054796.D
Acq On : 30 Aug 2022 19:26
Operator : CG/JU
Sample : N4397-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

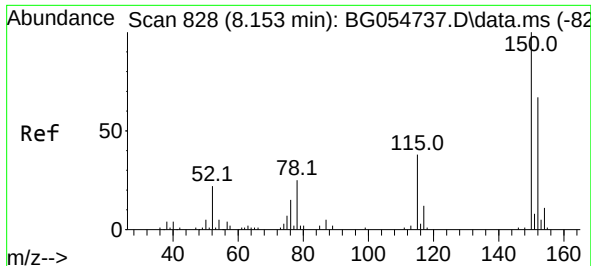
Instrument :
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Quant Time: Aug 31 02:09:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

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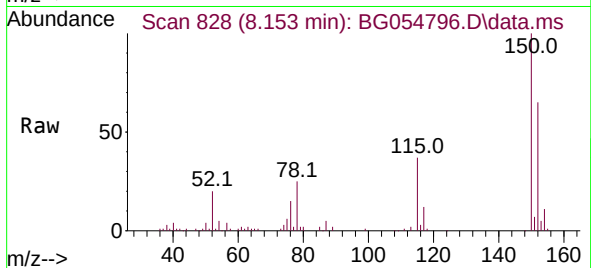
Reviewed By : Christian Giraldo 08/31/2022
Supervised By : Jagrut Upadhyay 08/31/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BG054796.D
 Acq: 30 Aug 2022 19:26

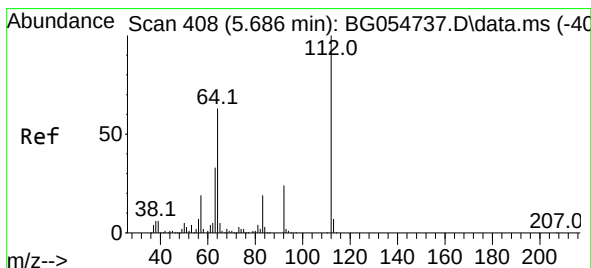
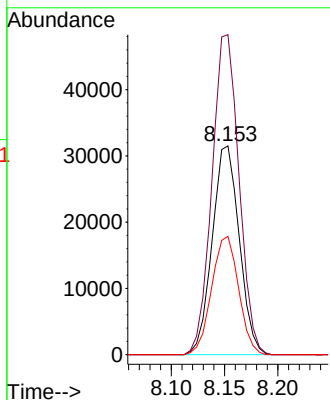
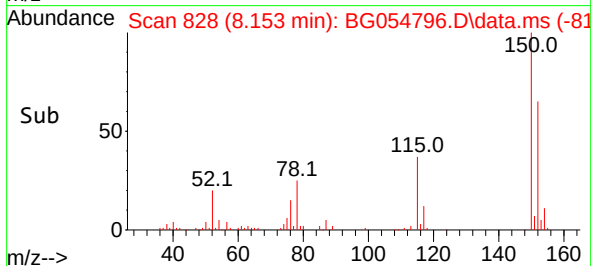
Instrument :
 BNA_G
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 VNJ-216



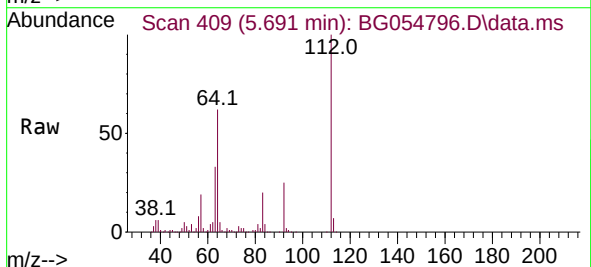
Tgt Ion:152 Resp: 55690
 Ion Ratio Lower Upper
 152 100
 150 153.3 125.2 187.8
 115 56.7 47.9 71.9

Manual Integrations
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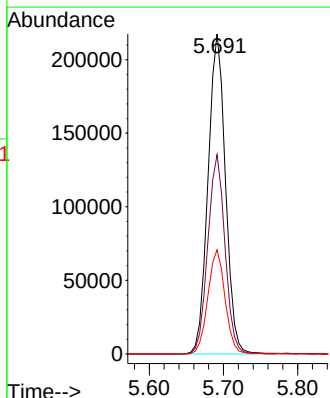
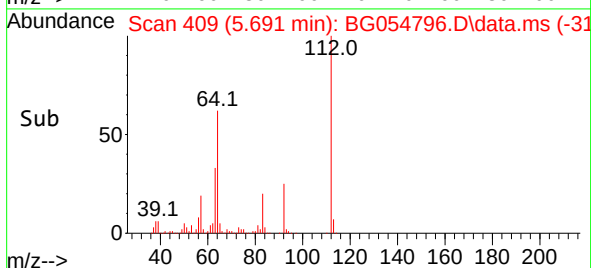
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 Supervised By :Jagrut Upadhyay 08/31/2022

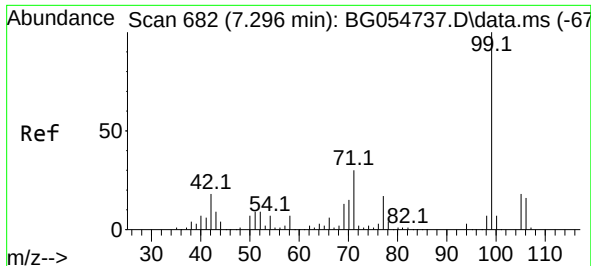


#5
 2-Fluorophenol
 Concen: 110.859 ng
 RT: 5.691 min Scan# 409
 Delta R.T. 0.005 min
 Lab File: BG054796.D
 Acq: 30 Aug 2022 19:26



Tgt Ion:112 Resp: 354536
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.3 73.9
 63 32.5 26.3 39.5





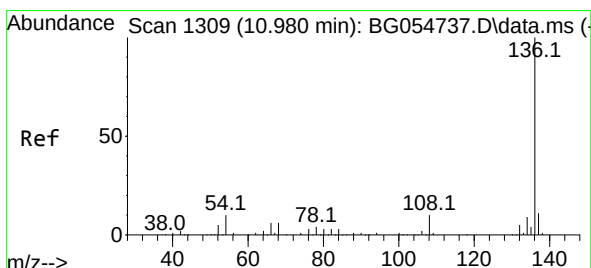
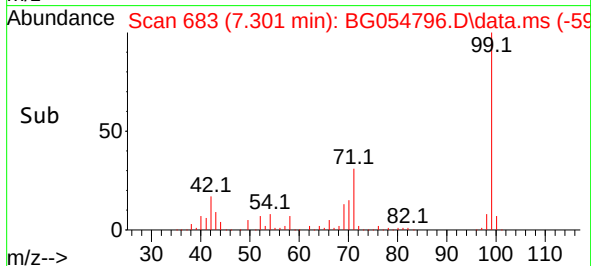
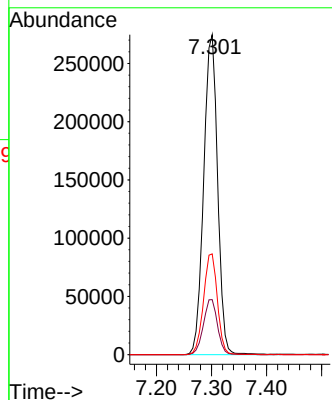
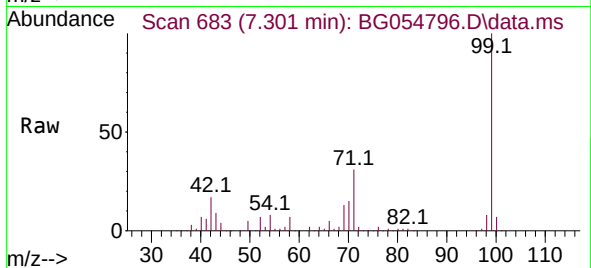
#7
Phenol-d6
Concen: 110.070 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.005 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

Instrument :
BNA_G
ClientSampleId :
VNJ-216

Tgt Ion: 99 Resp: 48140
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.5 24.6 37.0

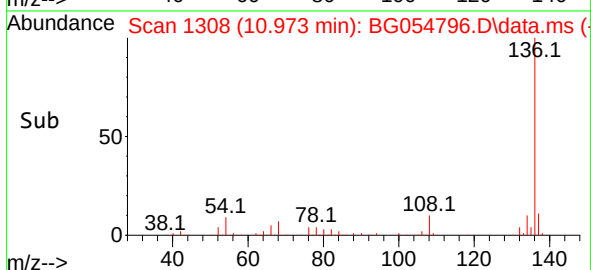
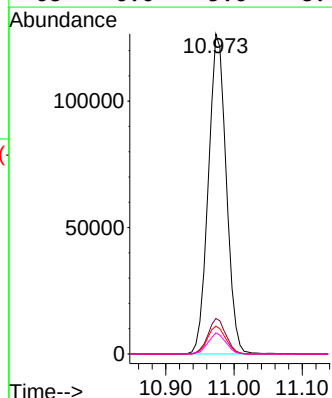
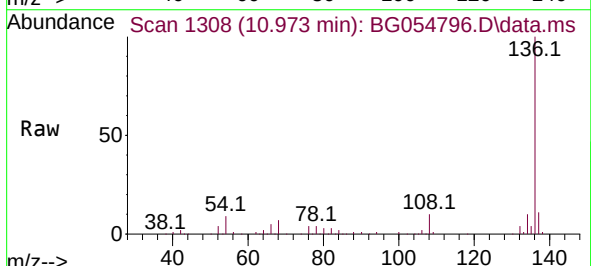
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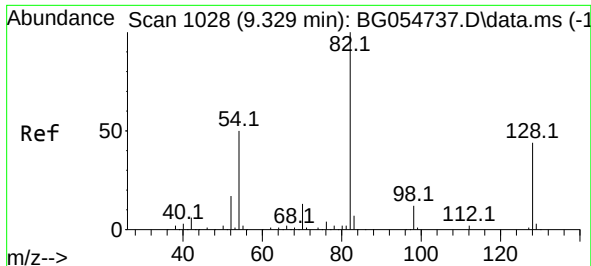
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

Tgt Ion:136 Resp: 229839
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.7 7.7 11.5
68 6.6 5.6 8.4





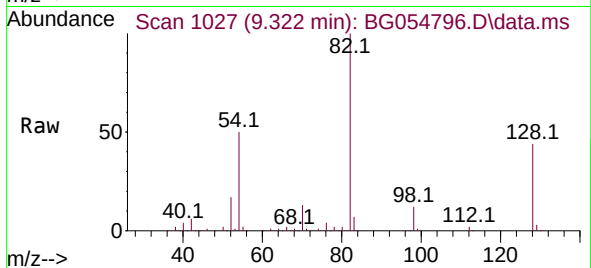
#23
Nitrobenzene-d5
Concen: 66.702 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

Instrument :

BNA_G

ClientSampleId :

VNJ-216

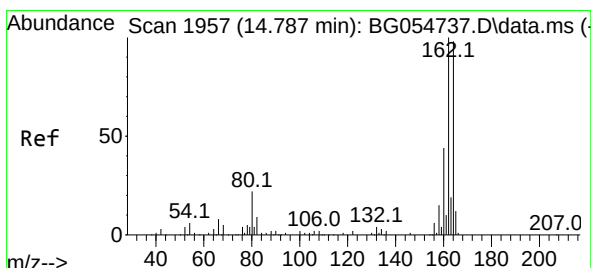
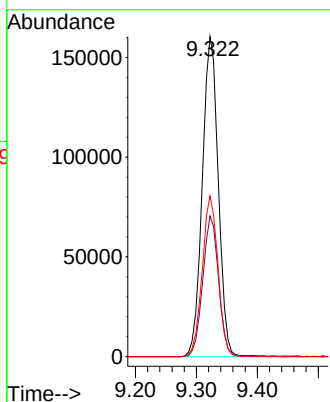
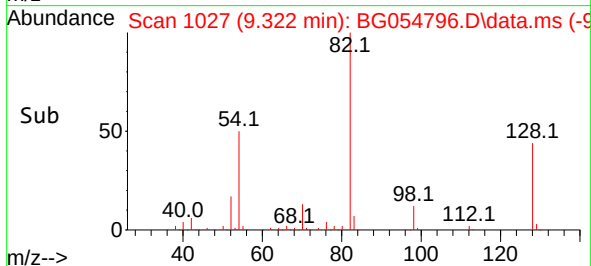


Tgt Ion: 82 Resp: 292033
Ion Ratio Lower Upper
82 100
128 43.9 32.2 48.2
54 50.2 41.4 62.0

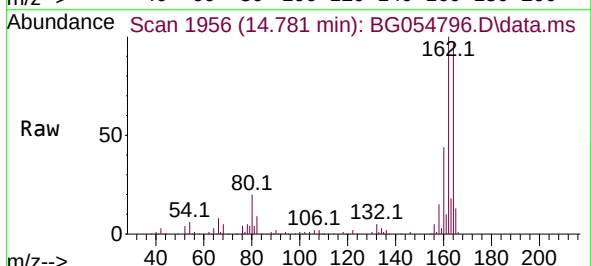
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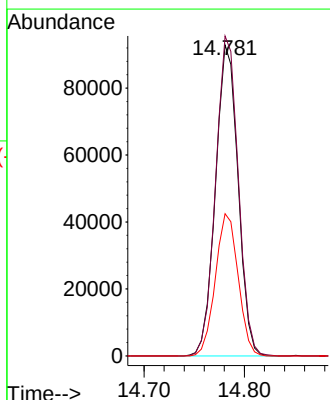
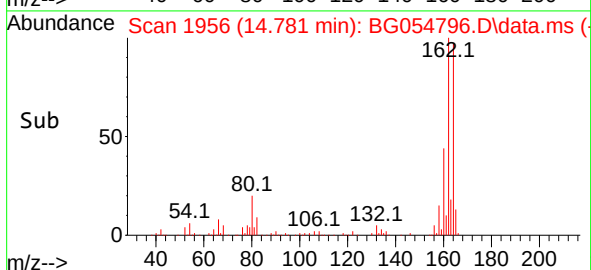
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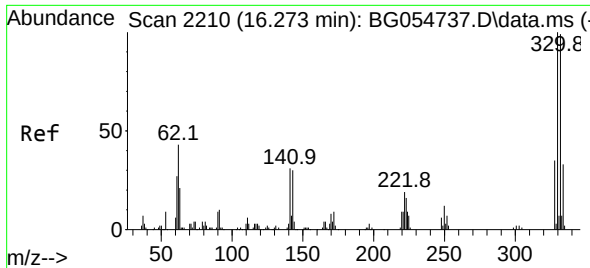


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



Tgt Ion:164 Resp: 145115
Ion Ratio Lower Upper
164 100
162 102.9 83.0 124.4
160 45.7 38.0 57.0





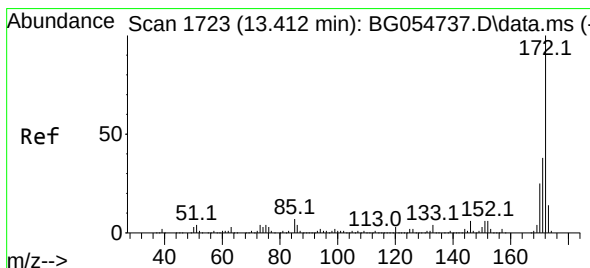
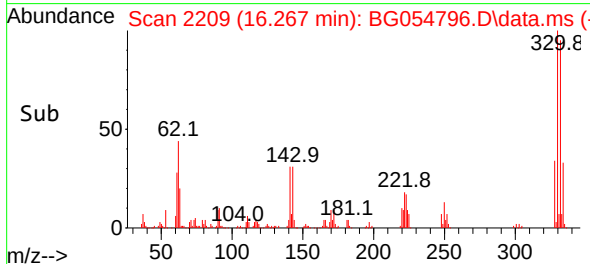
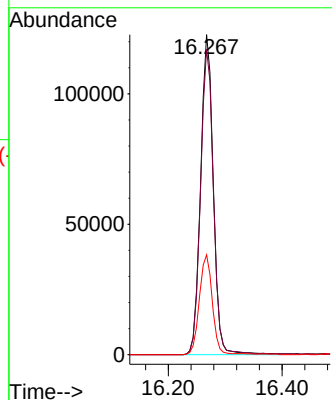
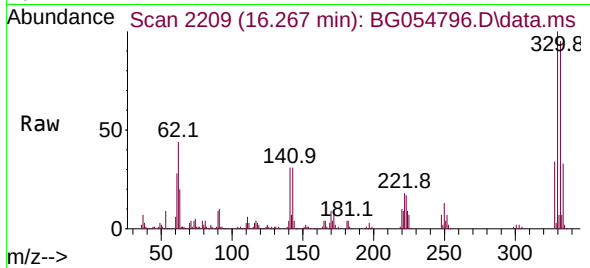
#42
2,4,6-Tribromophenol
Concen: 104.684 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

Instrument :
BNA_G
ClientSampleId :
VNJ-216

Tgt Ion:330 Resp: 189824
Ion Ratio Lower Upper
330 100
332 96.8 79.8 119.6
141 31.5 26.8 40.2

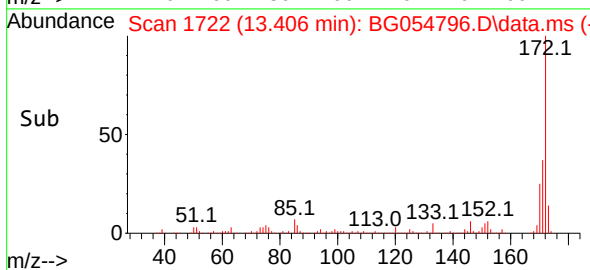
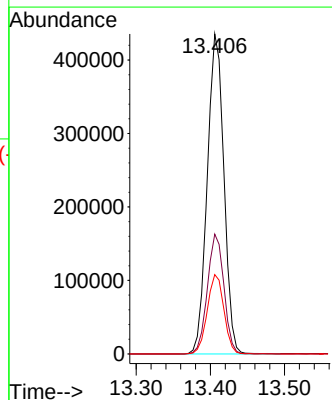
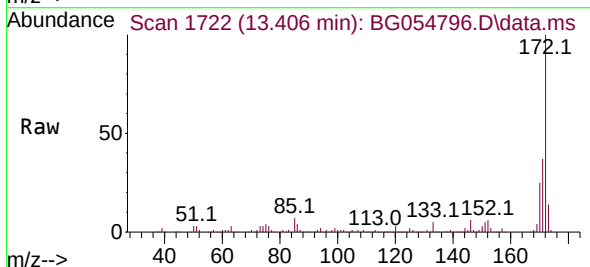
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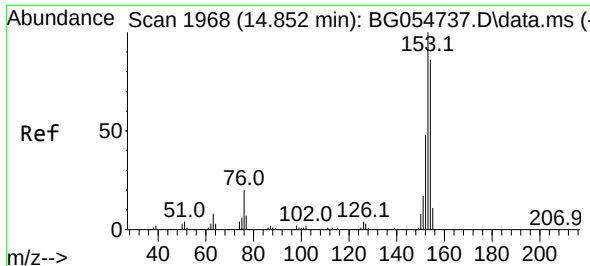
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#45
2-Fluorobiphenyl
Concen: 70.297 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

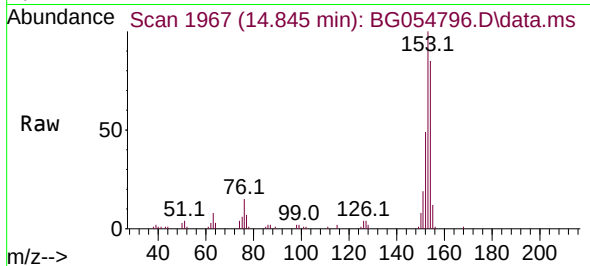
Tgt Ion:172 Resp: 678717
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 24.8 20.6 30.8





#52
Acenaphthene
Concen: 3.143 ng
RT: 14.845 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

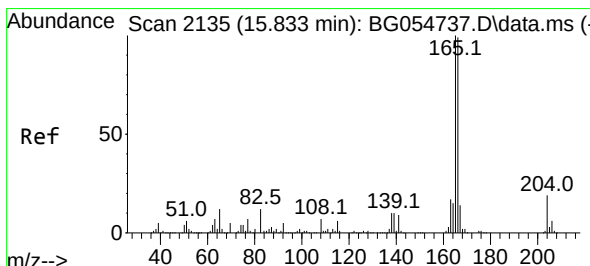
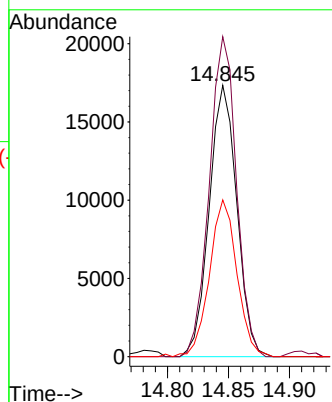
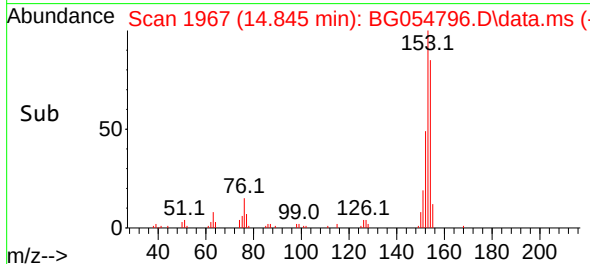
Instrument :
BNA_G
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VNJ-216



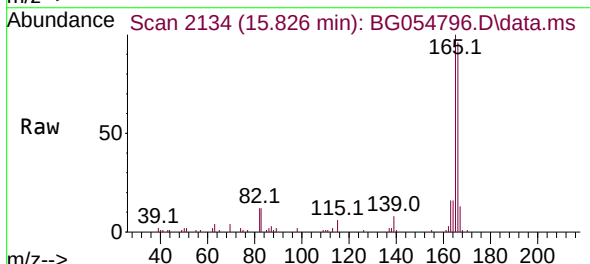
Tgt Ion:154 Resp: 27268
Ion Ratio Lower Upper
154 100
153 117.9 92.8 139.2
152 57.7 45.4 68.2

Manual Integrations
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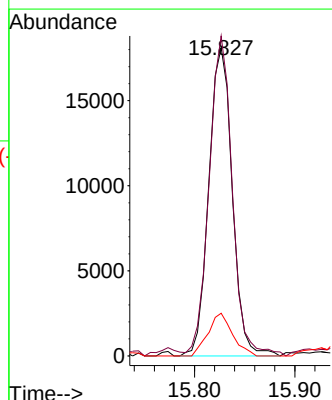
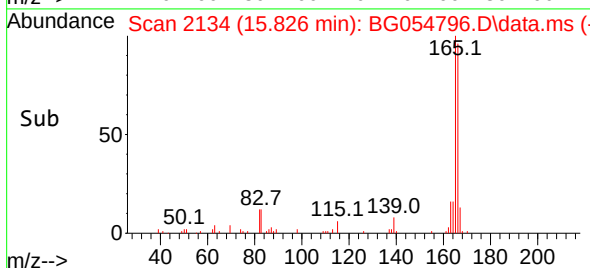
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

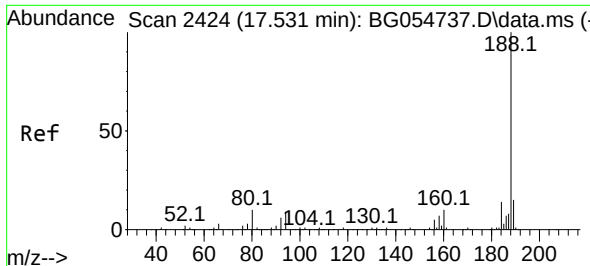


#58
Fluorene
Concen: 2.741 ng
RT: 15.826 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



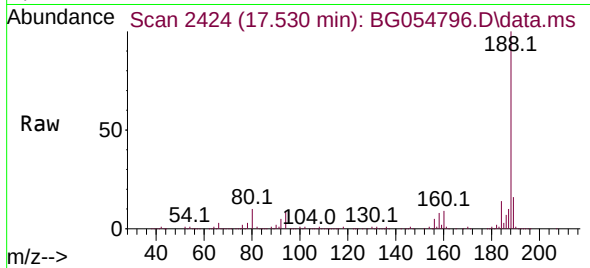
Tgt Ion:166 Resp: 29440
Ion Ratio Lower Upper
166 100
165 103.9 80.8 121.2
167 13.9 11.4 17.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

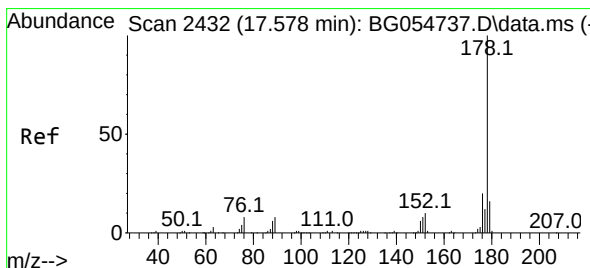
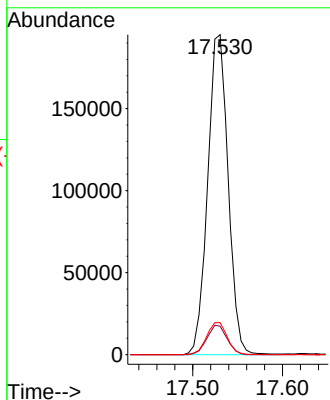
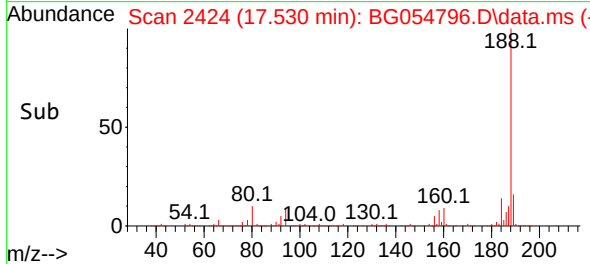
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VNJ-216



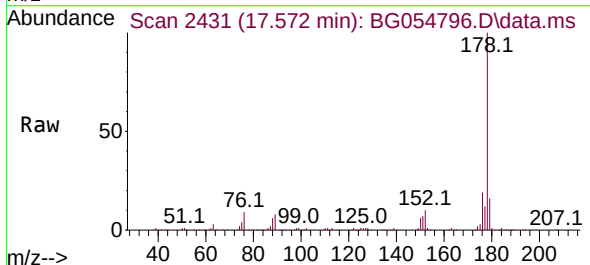
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Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 10.0 7.9 11.9

Manual Integrations
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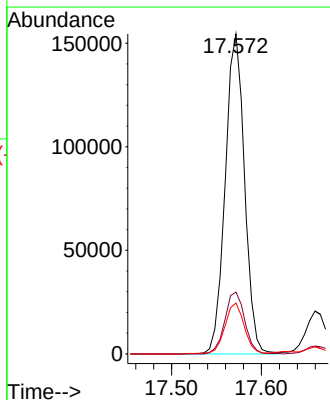
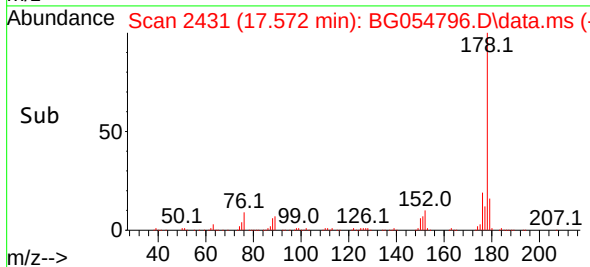
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

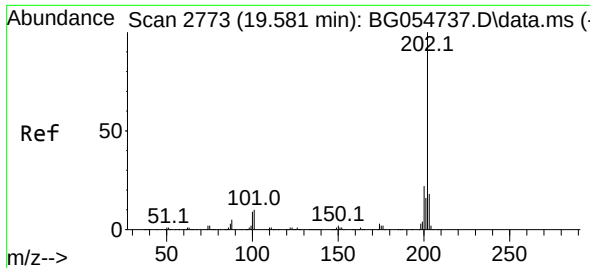


#71
Phenanthrene
Concen: 14.034 ng
RT: 17.572 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



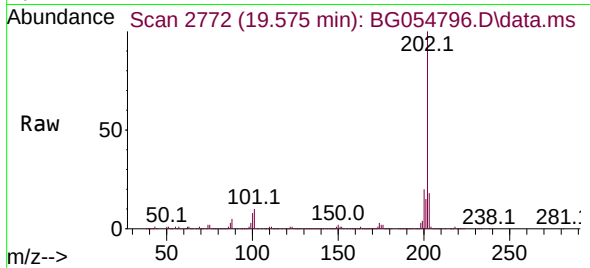
Tgt Ion:178 Resp: 231158
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 15.9 12.8 19.2





#75
Fluoranthene
Concen: 21.015 ng
RT: 19.575 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

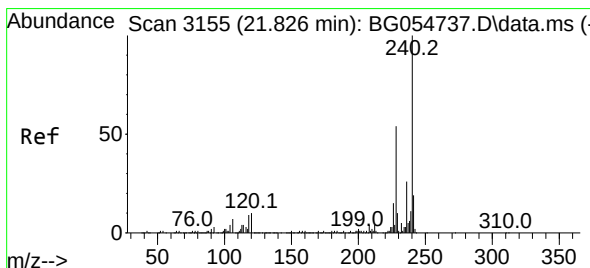
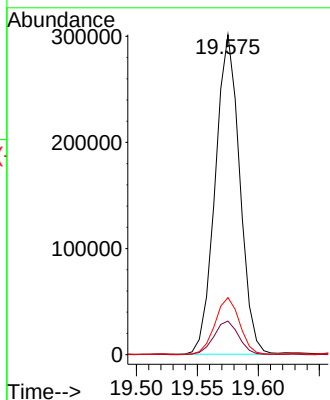
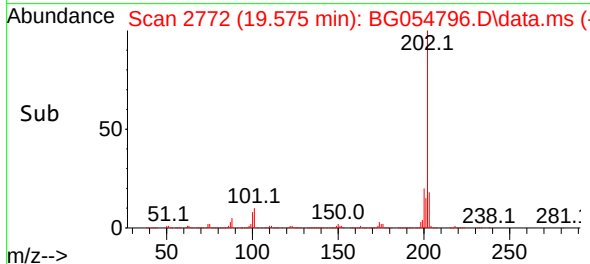
Instrument :
BNA_G
ClientSampleId :
VNJ-216



Tgt Ion:202 Resp: 421100
Ion Ratio Lower Upper
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101 10.5 0.0 31.4
203 17.8 0.0 38.6

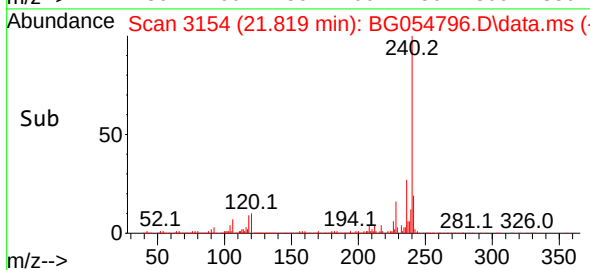
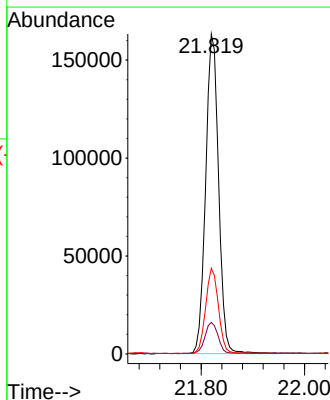
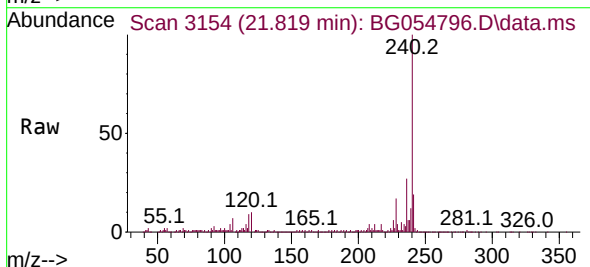
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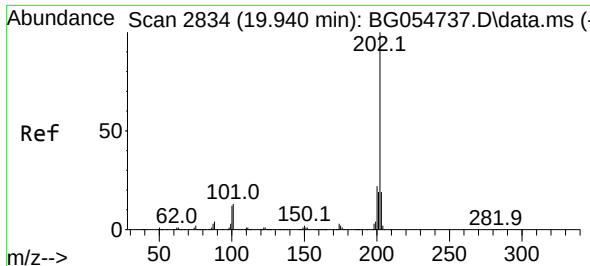
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

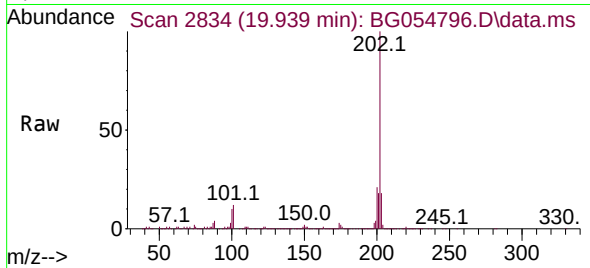
Tgt Ion:240 Resp: 283507
Ion Ratio Lower Upper
240 100
120 9.8 8.2 12.4
236 26.8 21.2 31.8





#78
Pyrene
Concen: 17.150 ng
RT: 19.939 min Scan# 2834
Delta R.T. -0.000 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

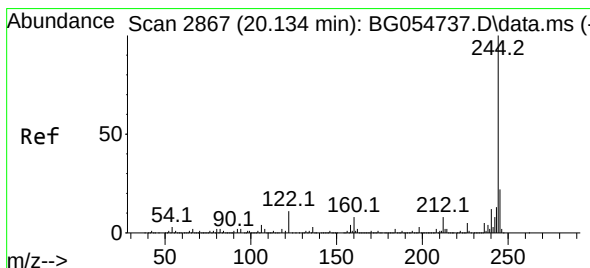
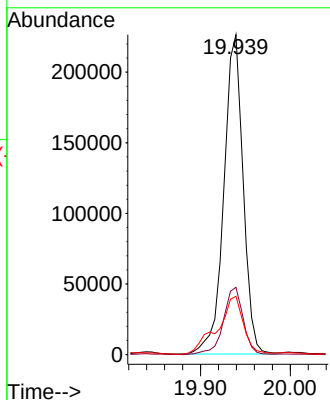
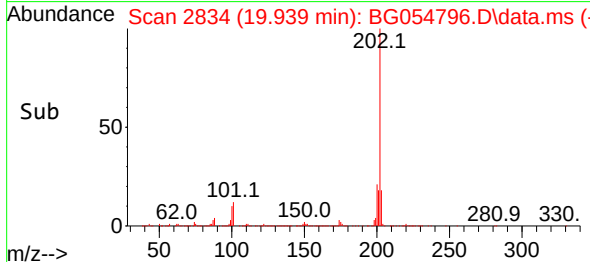
Instrument :
BNA_G
ClientSampleId :
VNJ-216



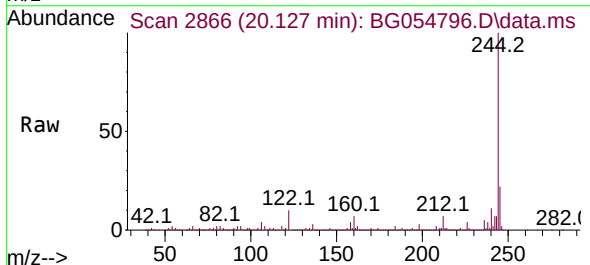
Tgt Ion:202 Resp: 339027
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 18.2 14.6 21.8

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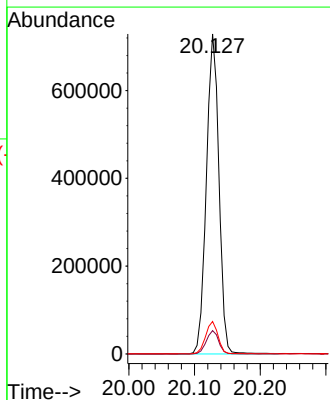
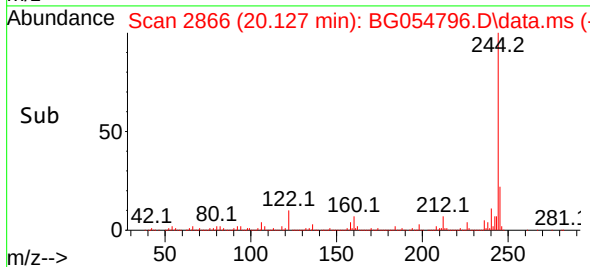
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

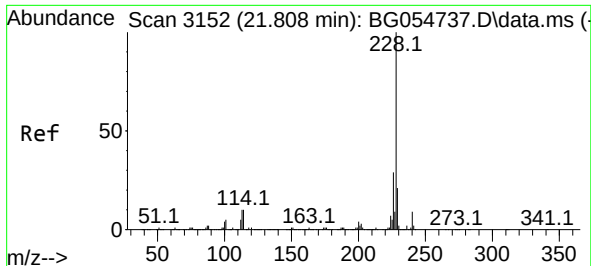


#79
Terphenyl-d14
Concen: 67.489 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



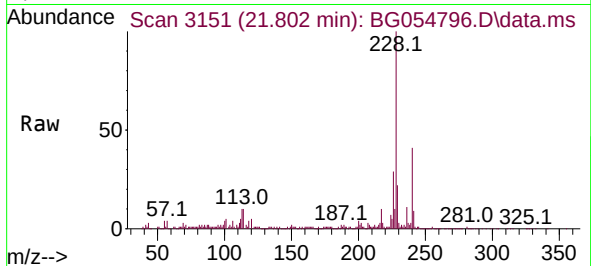
Tgt Ion:244 Resp: 965665
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 10.1 9.0 13.6





#81
Benzo(a)anthracene
Concen: 8.751 ng
RT: 21.802 min Scan# 3152
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

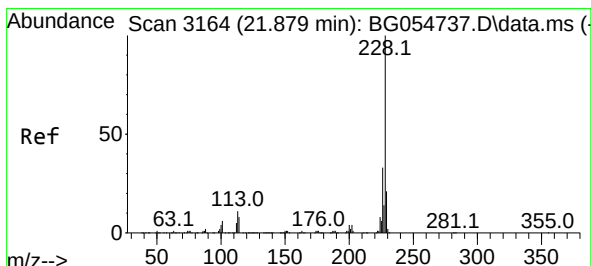
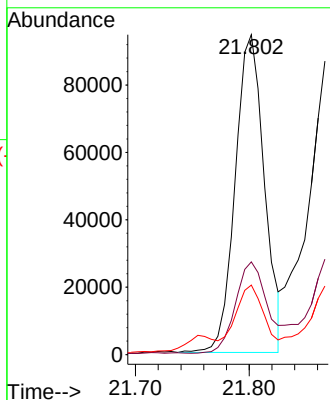
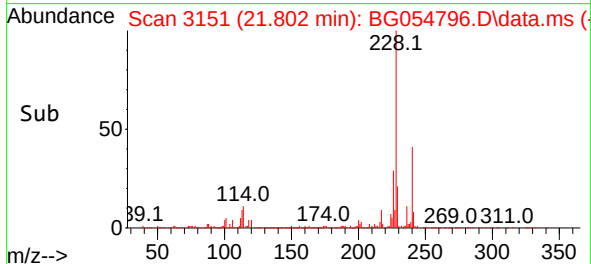
Instrument :
BNA_G
ClientSampleId :
VNJ-216



Tgt Ion:228 Resp: 168210
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 21.7 16.5 24.7

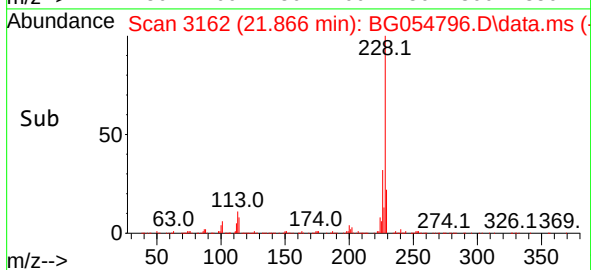
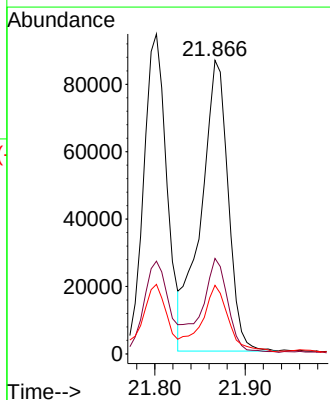
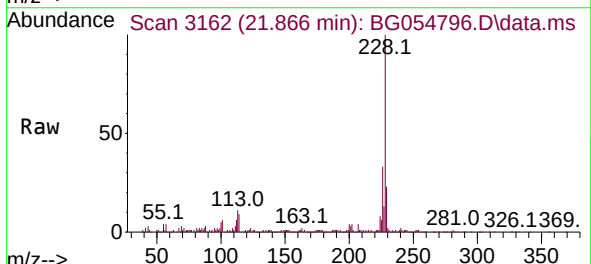
Manual Integrations
APPROVED

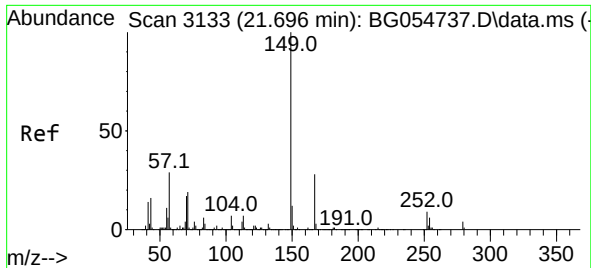
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#83
Chrysene
Concen: 9.828 ng m
RT: 21.866 min Scan# 3162
Delta R.T. -0.012 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

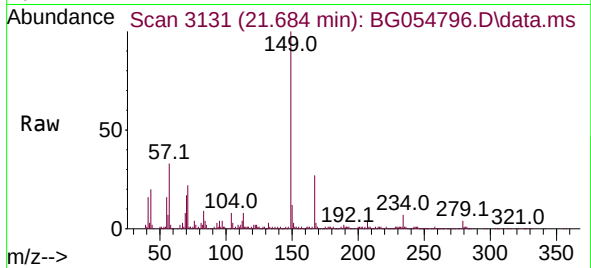
Tgt Ion:228 Resp: 180638
Ion Ratio Lower Upper
228 100
226 32.5 25.5 38.3
229 23.4 16.8 25.2





#84
Bis(2-ethylhexyl)phthalate
Concen: 8.531 ng
RT: 21.684 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

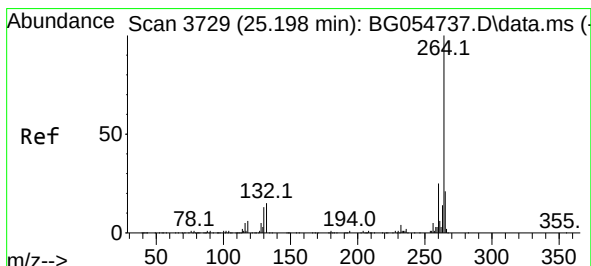
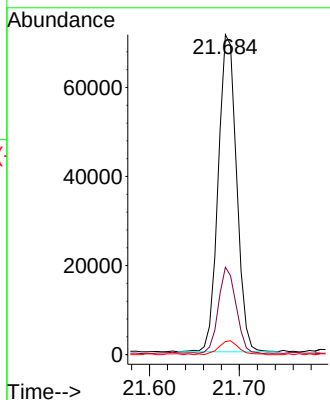
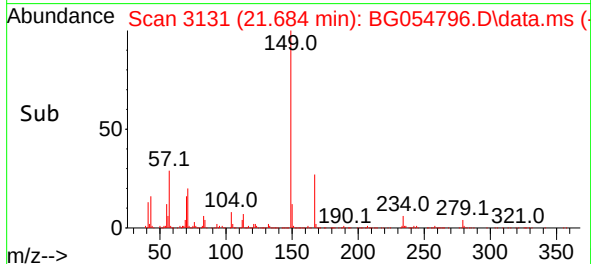
Instrument :
BNA_G
ClientSampleId :
VNJ-216



Tgt Ion:149 Resp: 101348
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.0
279 4.1 3.1 4.7

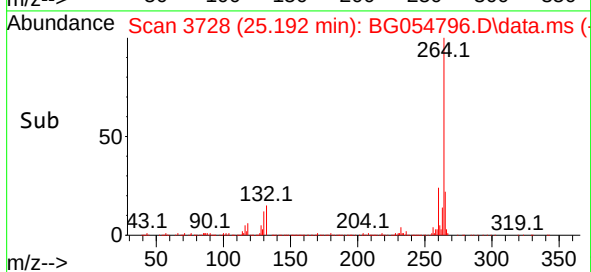
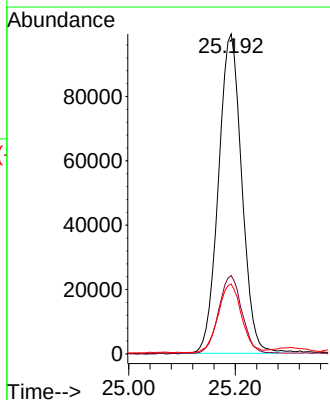
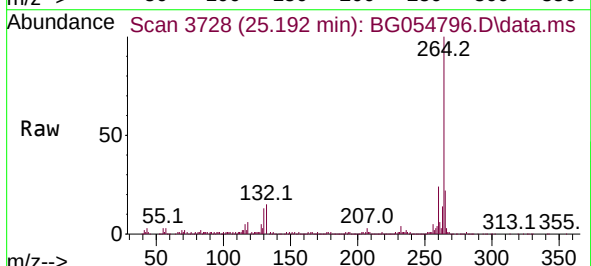
Manual Integrations
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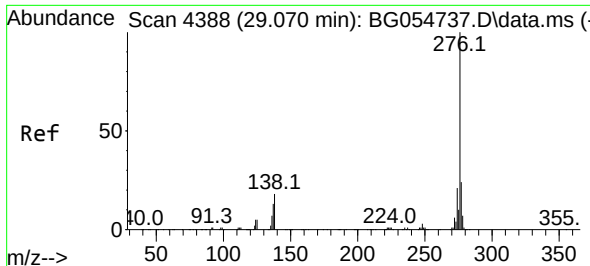
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.006 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

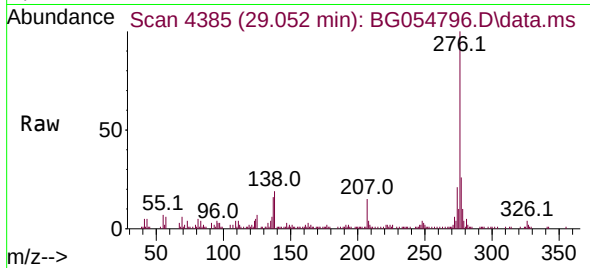
Tgt Ion:264 Resp: 300640
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 21.8 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.055 ng
RT: 29.052 min Scan# 4388
Delta R.T. -0.018 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

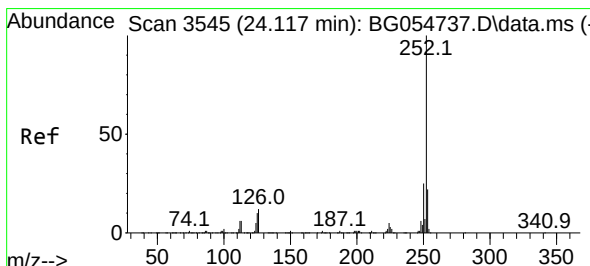
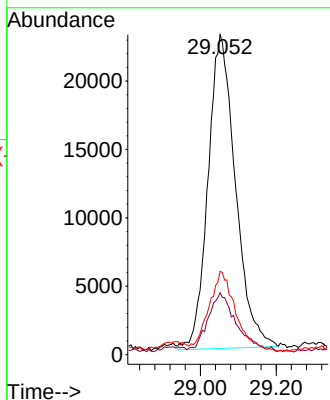
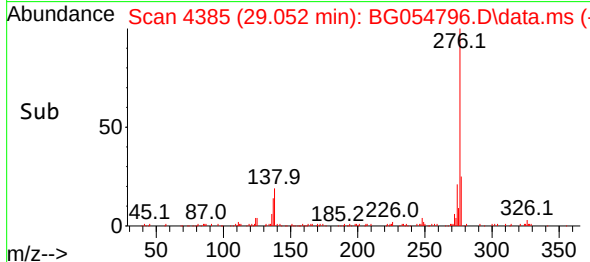
Instrument :
BNA_G
ClientSampleId :
VNJ-216



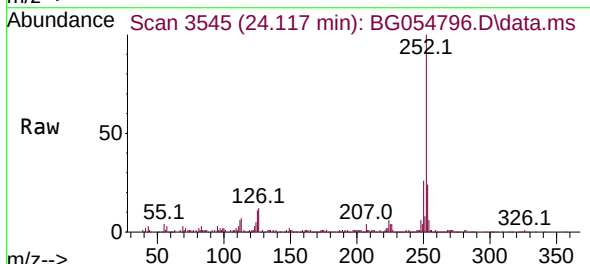
Tgt Ion: 276 Resp: 115373
Ion Ratio Lower Upper
276 100
138 18.3 12.0 18.0
277 25.0 20.2 30.4

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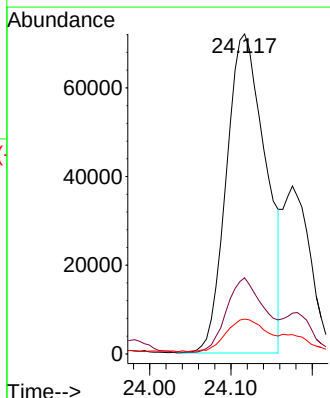
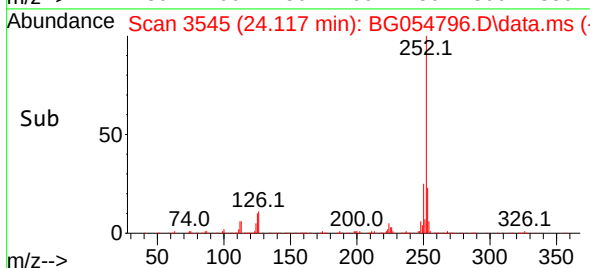
Reviewed By : Christian Giraldo 08/31/2022
Supervised By : Jagrut Upadhyay 08/31/2022

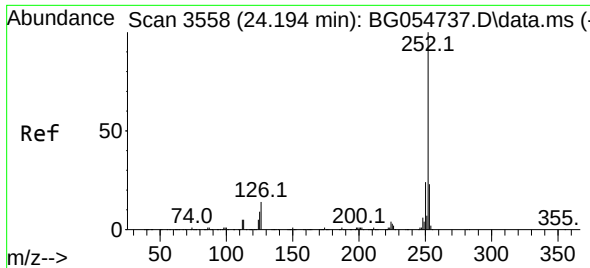


#88
Benzo(b)fluoranthene
Concen: 12.804 ng
RT: 24.117 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



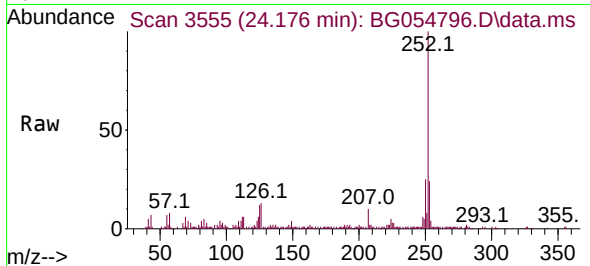
Tgt Ion: 252 Resp: 241471
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 10.9 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 4.696 ng m
RT: 24.176 min Scan# 3555
Delta R.T. -0.018 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26

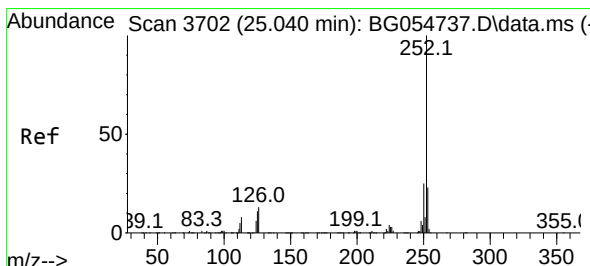
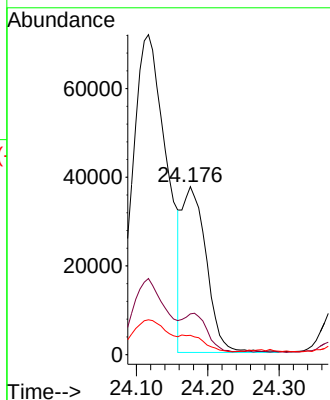
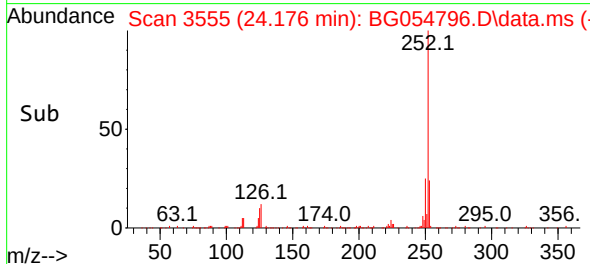
Instrument :
BNA_G
ClientSampleId :
VNJ-216



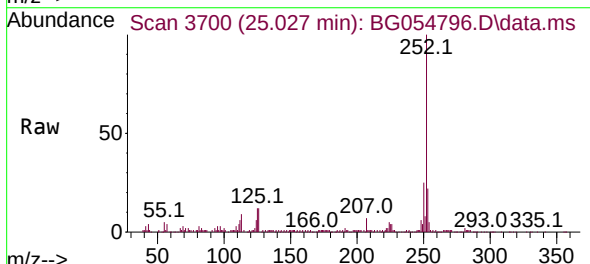
Tgt Ion:252 Resp: 89140
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 11.5 8.2 12.4

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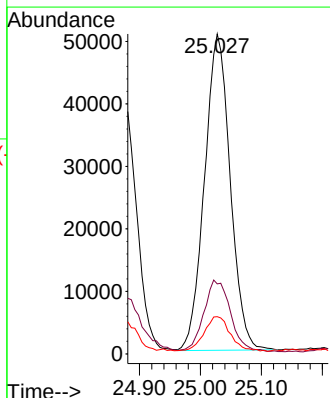
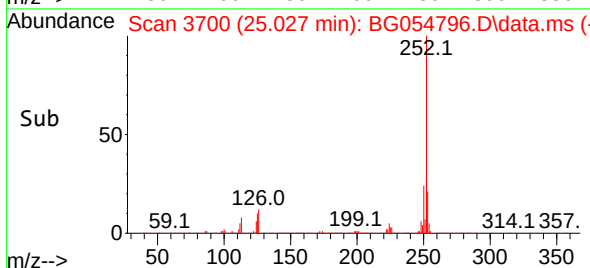
Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

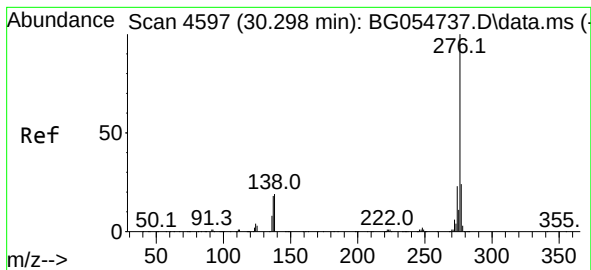


#90
Benzo(a)pyrene
Concen: 9.210 ng
RT: 25.027 min Scan# 3700
Delta R.T. -0.012 min
Lab File: BG054796.D
Acq: 30 Aug 2022 19:26



Tgt Ion:252 Resp: 148399
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 11.6 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 5.989 ng

RT: 30.263 min Scan# 4591

Delta R.T. -0.036 min

Lab File: BG054796.D

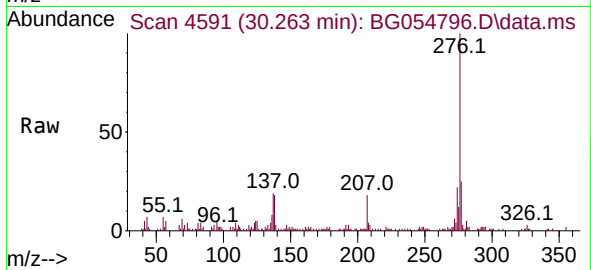
Acq: 30 Aug 2022 19:26

Instrument :

BNA_G

ClientSampleId :

VNJ-216



Tgt Ion:276 Resp: 112494

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.0

138 18.5 16.6 25.0

Manual Integrations

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Reviewed By :Christian Giraldo 08/31/2022

Supervised By :Jagrut Upadhyay 08/31/2022

