

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055836.D
 Acq On : 29 Nov 2022 20:08
 Operator : CG/JU
 Sample : N5787-05 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PEQ-STOCK

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :Jagrut Upadhyay 11/30/2022

Quant Time: Nov 30 02:06:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	54805	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	228912	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	158729	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	352309	20.000	ng	0.00
76) Chrysene-d12	21.884	240	333844	20.000	ng	0.00
86) Perylene-d12	25.274	264	363154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	43988	14.508	ng	0.00
7) Phenol-d6	7.371	99	58420	14.474	ng	0.00
23) Nitrobenzene-d5	9.398	82	35427	8.180	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	29212	13.070	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	95243	8.989	ng	0.00
79) Terphenyl-d14	20.174	244	163603	9.802	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.575	152	67862	4.584	ng	99
71) Phenanthrene	17.630	178	191188	10.056	ng	97
72) Anthracene	17.724	178	66491	3.599	ng	99
75) Fluoranthene	19.634	202	787161	34.033	ng	99
78) Pyrene	19.992	202	664888	29.423	ng	99
81) Benzo(a)anthracene	21.860	228	447393	19.457	ng	98
83) Chrysene	21.931	228	409686	18.716	ng	98
87) Indeno(1,2,3-cd)pyrene	29.169	276	209817	7.053	ng	# 95
88) Benzo(b)fluoranthene	24.193	252	535932	22.660	ng	99
89) Benzo(k)fluoranthene	24.252	252	215937m	9.160	ng	
90) Benzo(a)pyrene	25.115	252	312074	15.377	ng	98
91) Dibenzo(a,h)anthracene	29.216	278	62930	2.589	ng	94
92) Benzo(g,h,i)perylene	30.403	276	167256	6.826	ng	99

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

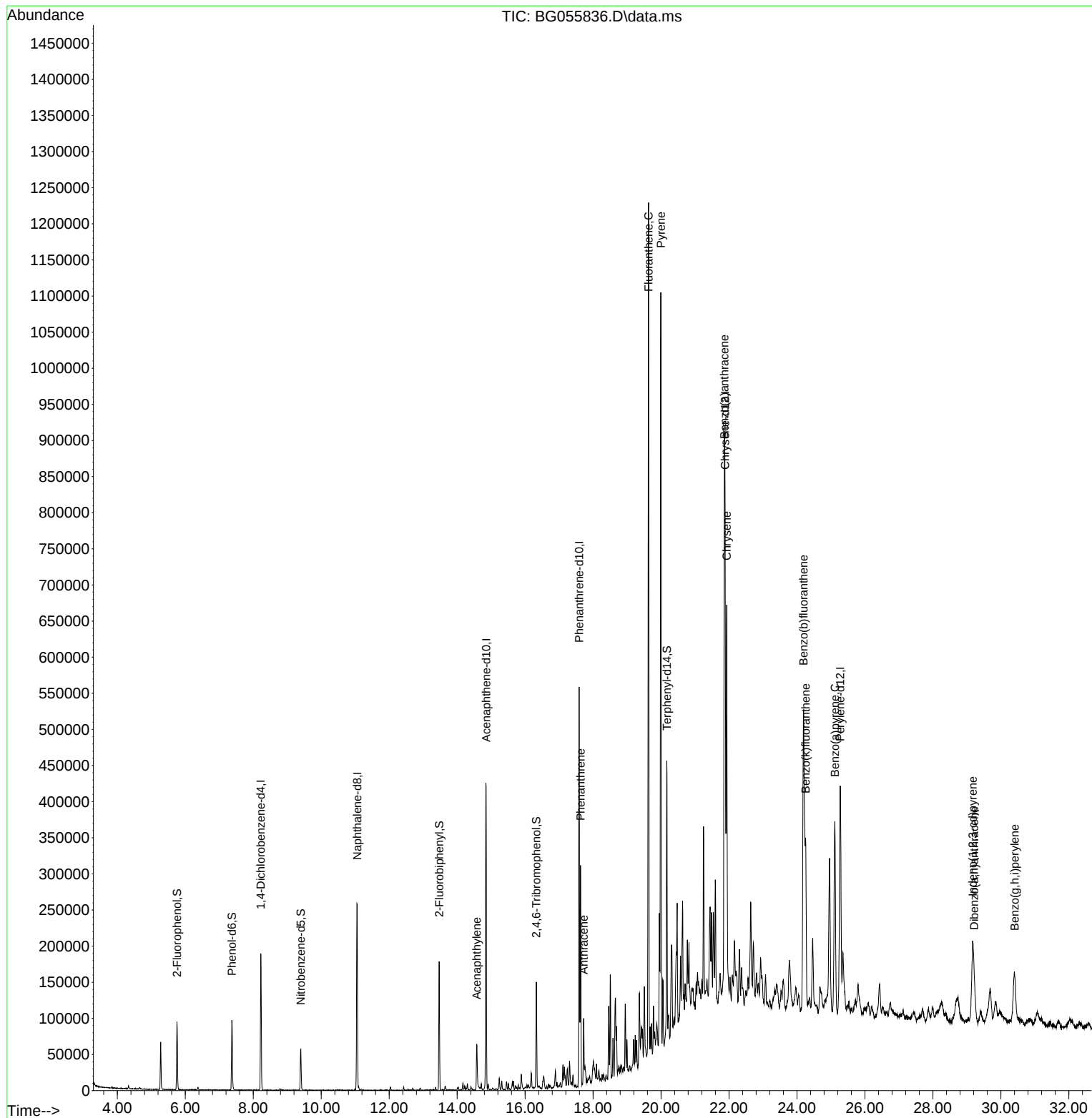
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
Data File : BG055836.D
Acq On : 29 Nov 2022 20:08
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

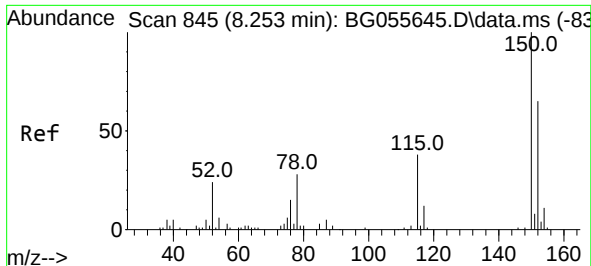
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Quant Time: Nov 30 02:06:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

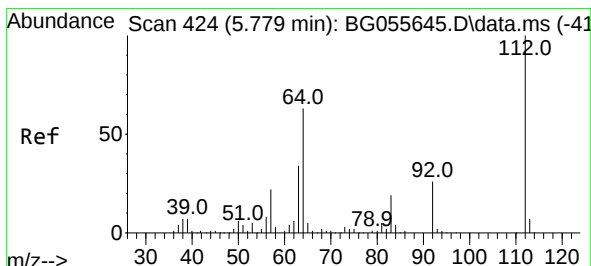
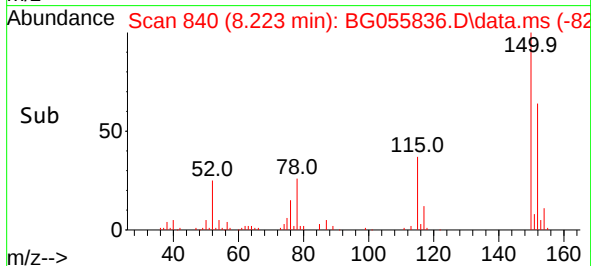
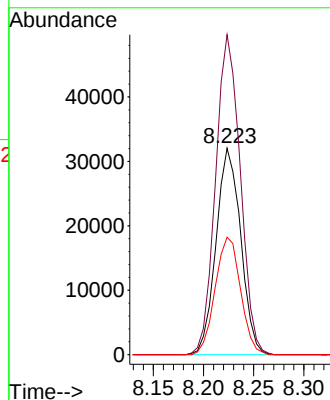
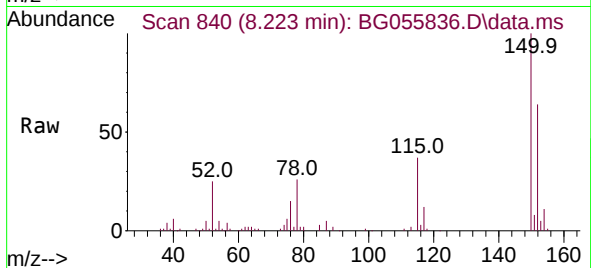
PEQ-STOCK

Tgt Ion:152 Resp: 54805
Ion Ratio Lower Upper
152 100
150 155.1 123.0 184.6
115 56.9 47.0 70.4

Manual Integrations

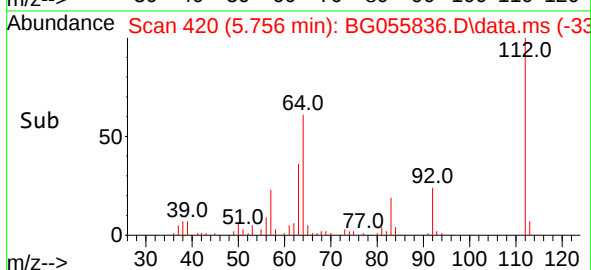
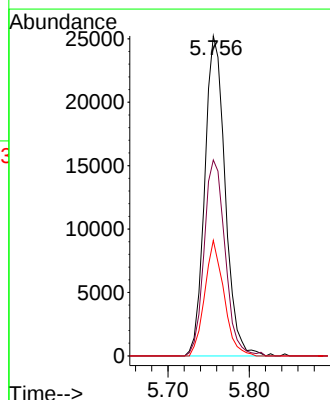
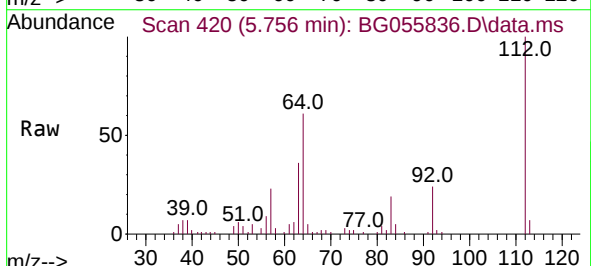
APPROVED

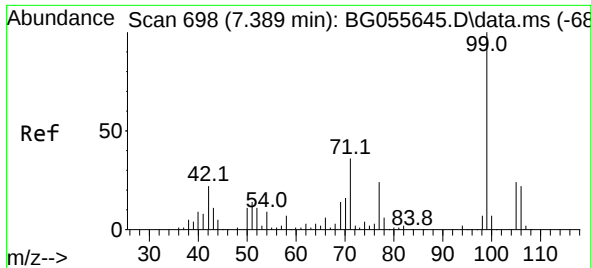
Reviewed By :Christian Giraldo 11/30/2022
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#5
2-Fluorophenol
Concen: 14.508 ng
RT: 5.756 min Scan# 420
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Tgt Ion:112 Resp: 43988
Ion Ratio Lower Upper
112 100
64 61.2 50.6 76.0
63 36.1 27.5 41.3





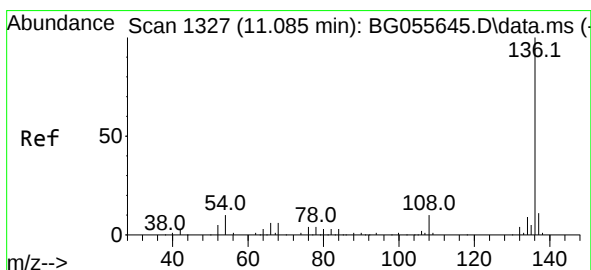
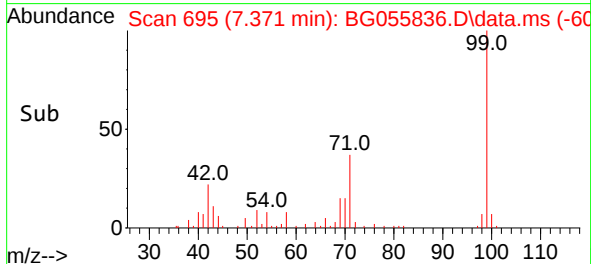
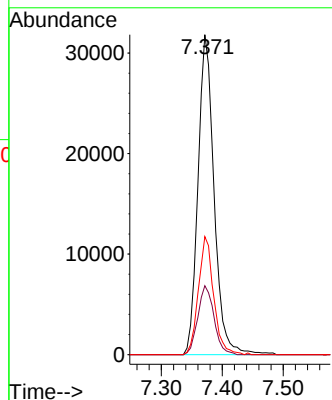
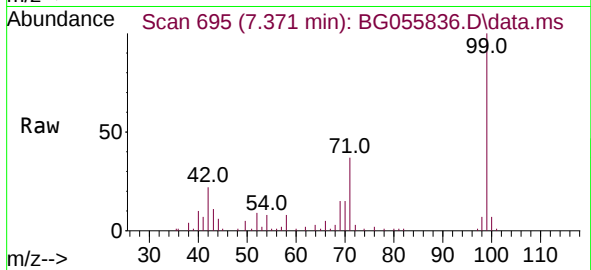
#7
Phenol-d6
Concen: 14.474 ng
RT: 7.371 min Scan# 69
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK

Tgt Ion: 99 Resp: 58420
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.9 29.0 43.6

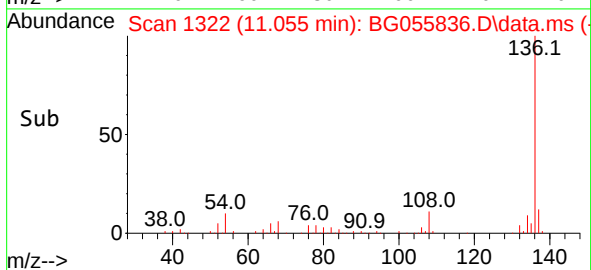
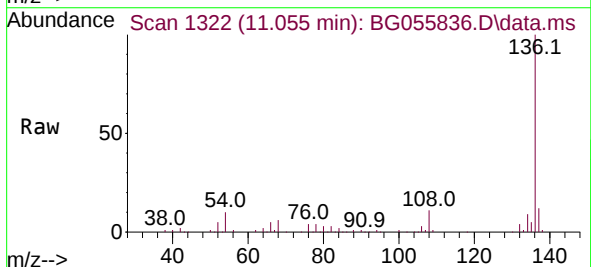
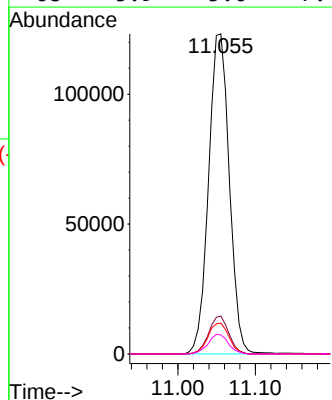
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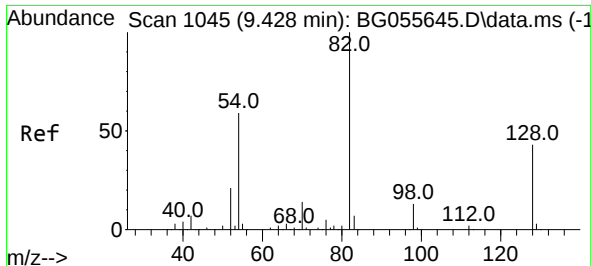
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Tgt Ion:136 Resp: 228912
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.6
54 9.6 7.8 11.6
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.180 ng

RT: 9.398 min Scan# 1040

Delta R.T. -0.002 min

Lab File: BG055836.D

Acq: 29 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

PEQ-STOCK

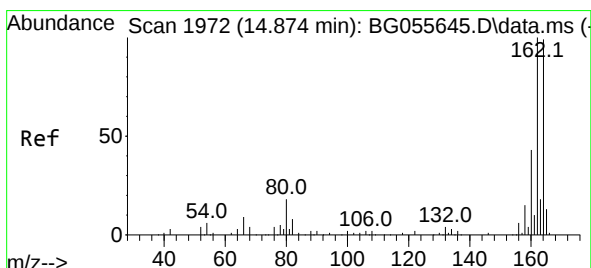
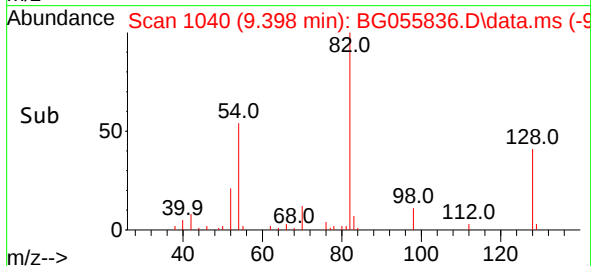
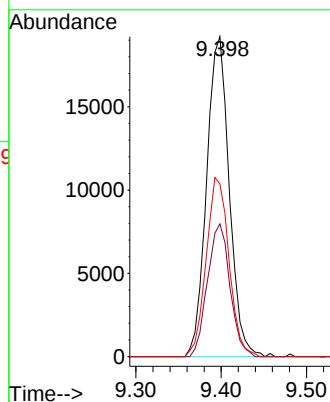
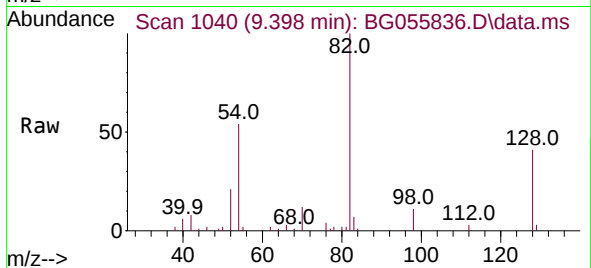
Tgt Ion: 82	Resp: 3542
Ion Ratio	Lower Upper
82 100	
128 41.5	34.1 51.1
54 53.9	47.3 70.9

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

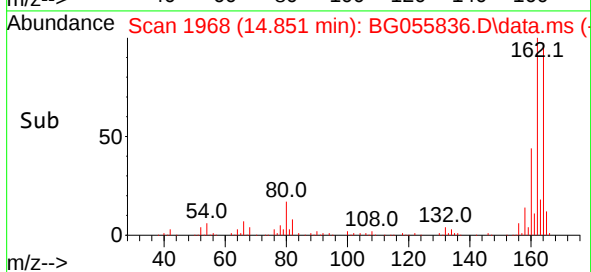
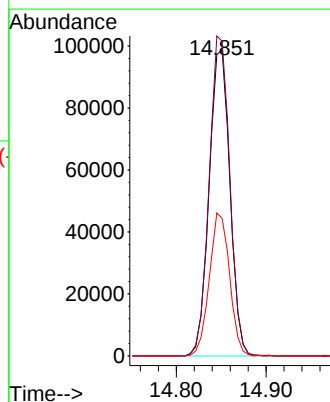
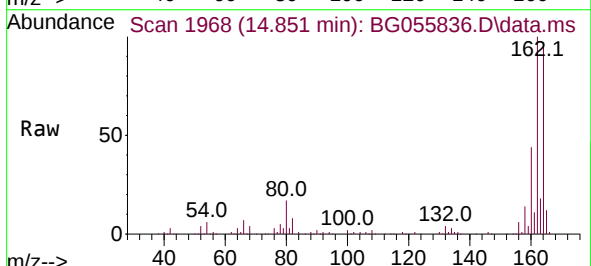
RT: 14.851 min Scan# 1968

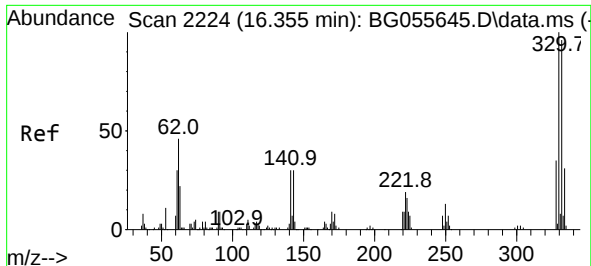
Delta R.T. -0.002 min

Lab File: BG055836.D

Acq: 29 Nov 2022 20:08

Tgt Ion:164	Resp: 158729
Ion Ratio	Lower Upper
164 100	
162 102.9	81.1 121.7
160 45.0	34.8 52.2





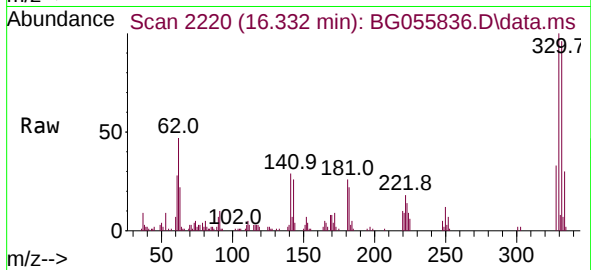
#42
2,4,6-Tribromophenol
Concen: 13.070 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

PEQ-STOCK

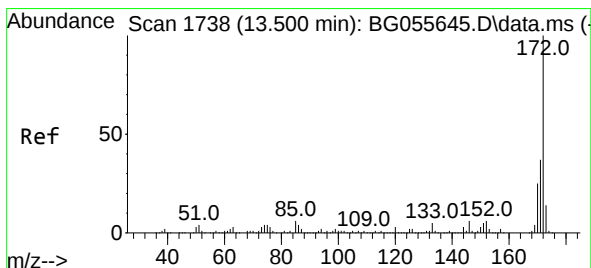
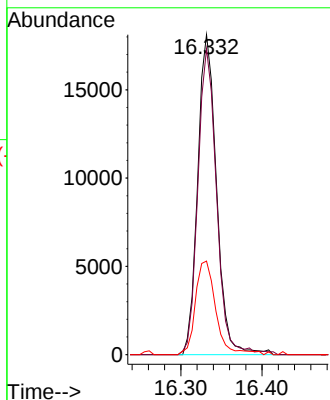
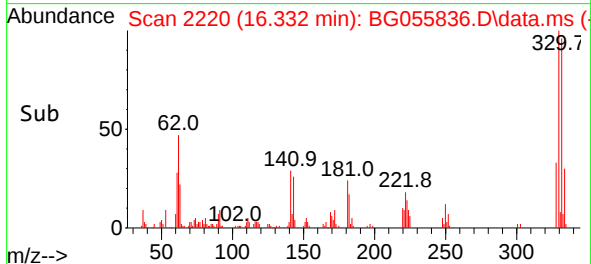


Tgt Ion:330 Resp: 29212
Ion Ratio Lower Upper
330 100
332 94.2 77.8 116.8
141 31.7 23.9 35.9

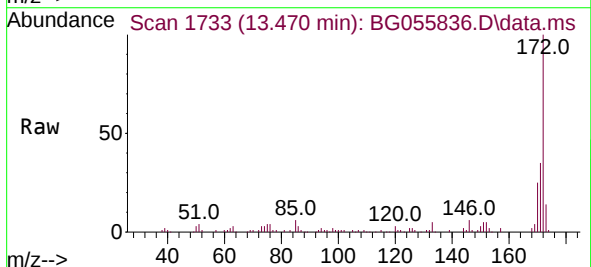
Manual Integrations

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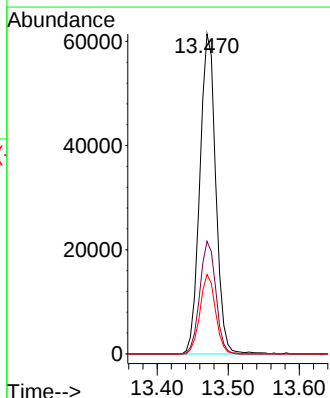
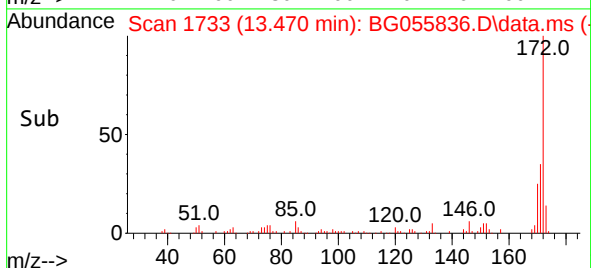
Reviewed By :Christian Giraldo 11/30/2022
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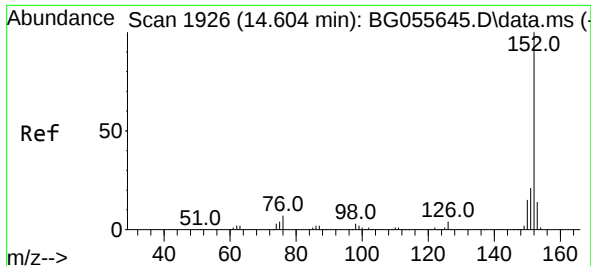


#45
2-Fluorobiphenyl
Concen: 8.989 ng
RT: 13.470 min Scan# 1733
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



Tgt Ion:172 Resp: 95243
Ion Ratio Lower Upper
172 100
171 35.2 29.8 44.6
170 24.8 20.2 30.4





#49
Acenaphthylene
Concen: 4.584 ng
RT: 14.575 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

Instrument :

BNA_G

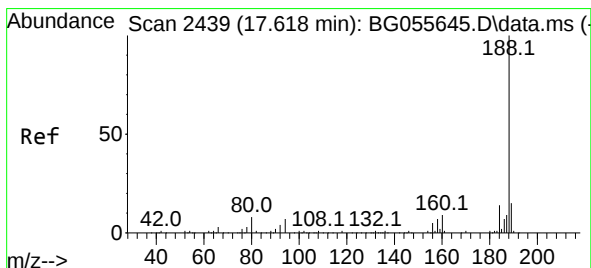
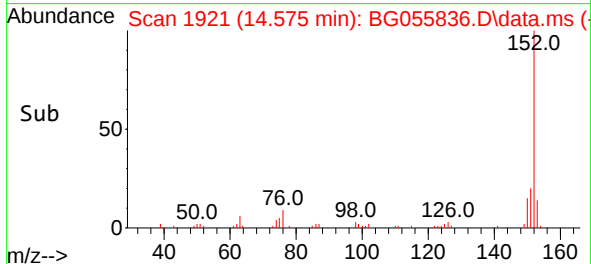
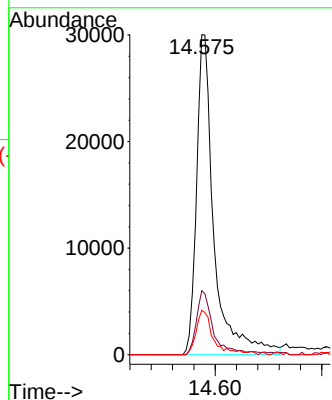
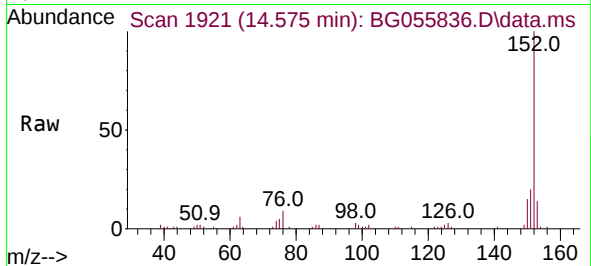
ClientSampleId :

PEQ-STOCK

Tgt Ion:152 Resp: 67862
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.8 11.0 16.4

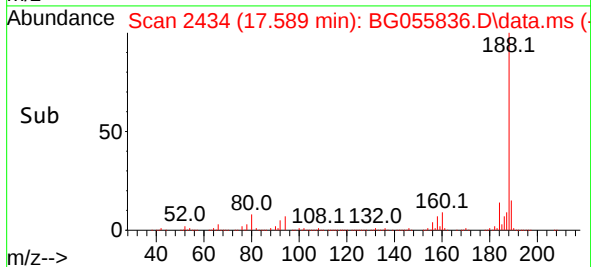
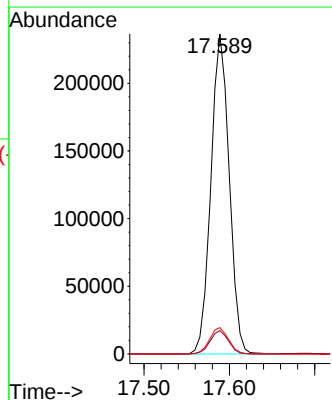
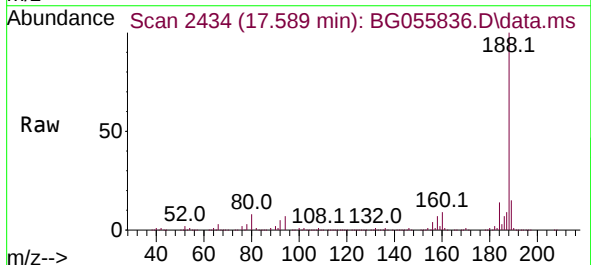
Manual Integrations
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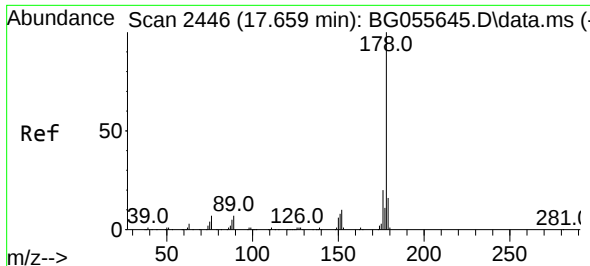
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2434
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

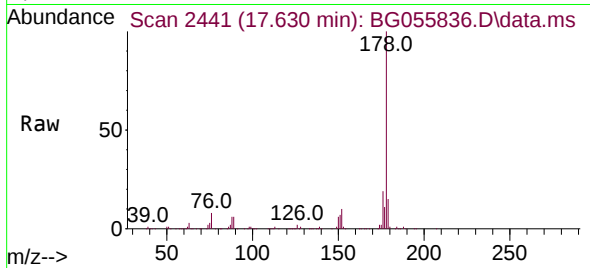
Tgt Ion:188 Resp: 352309
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.2 6.6 10.0





#71
Phenanthrene
Concen: 10.056 ng
RT: 17.630 min Scan# 2446
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

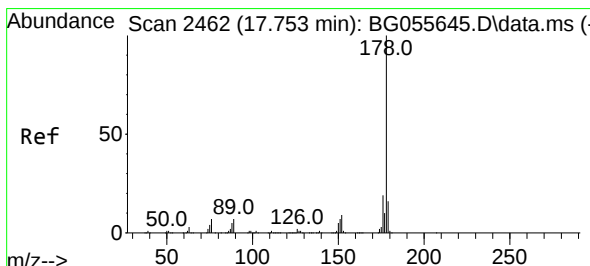
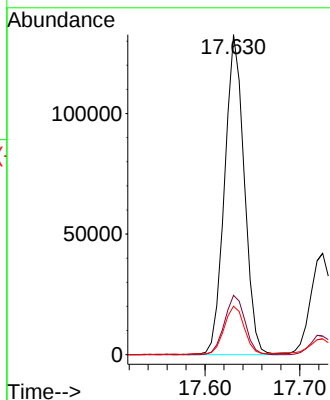
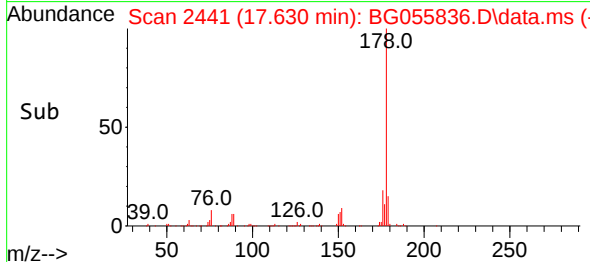
Instrument :
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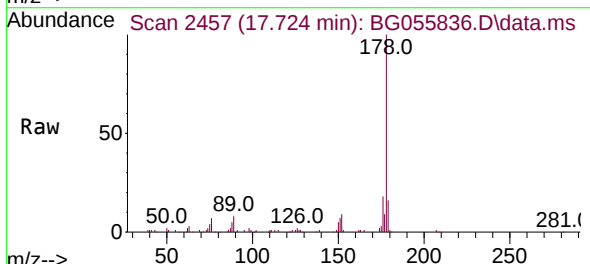
Tgt Ion:178 Resp: 191188
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 15.1 12.7 19.1

Manual Integrations
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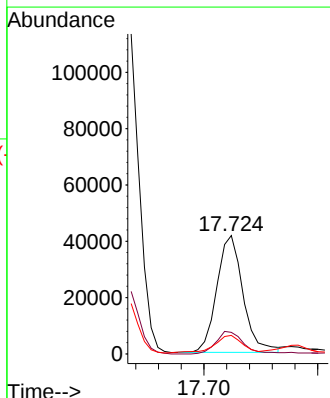
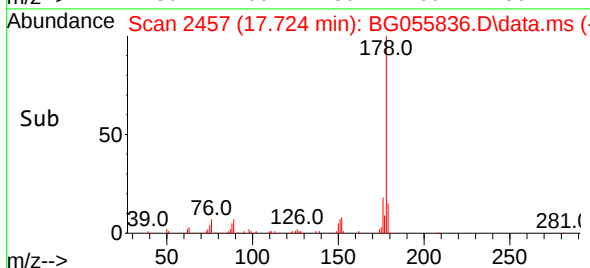
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

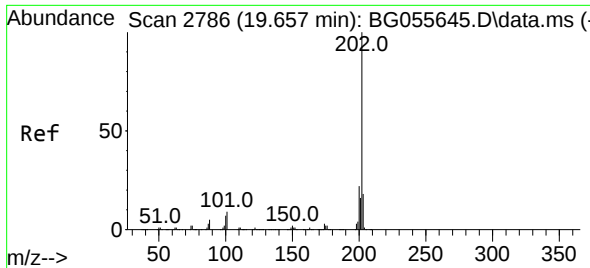


#72
Anthracene
Concen: 3.599 ng
RT: 17.724 min Scan# 2457
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



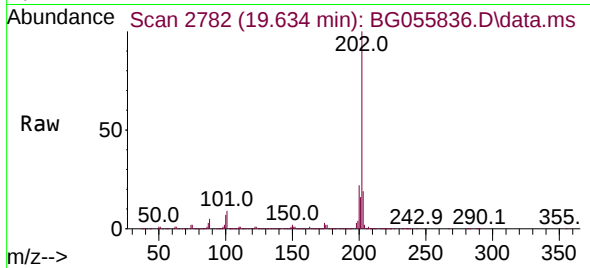
Tgt Ion:178 Resp: 66491
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.6 12.5 18.7





#75
Fluoranthene
Concen: 34.033 ng
RT: 19.634 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

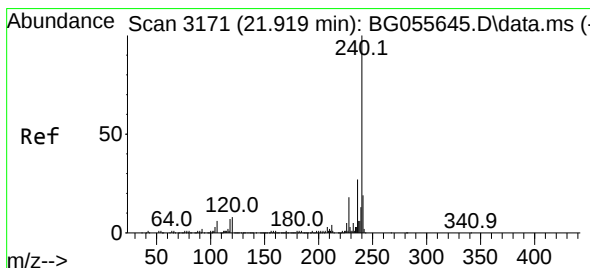
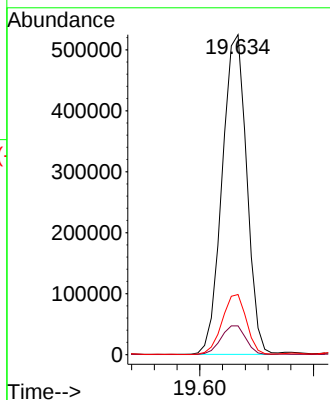
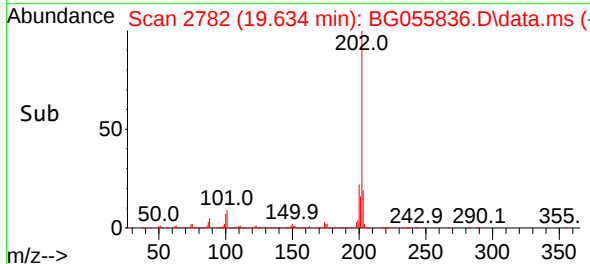
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK



Tgt Ion:202 Resp: 787163
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.8
203 18.8 0.0 38.1

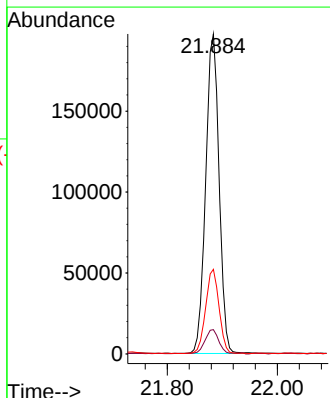
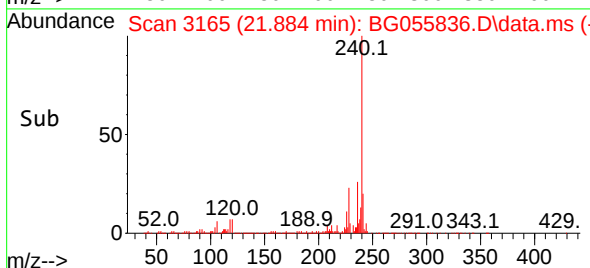
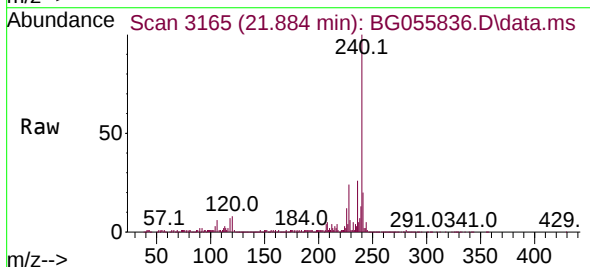
Manual Integrations
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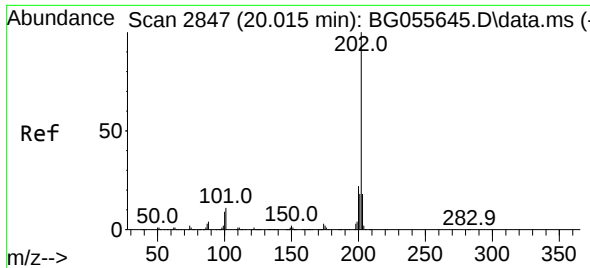
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

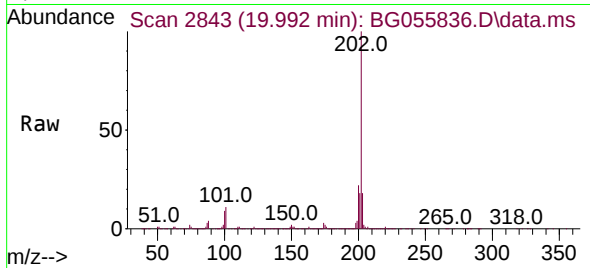
Tgt Ion:240 Resp: 333844
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.4 21.9 32.9





#78
Pyrene
Concen: 29.423 ng
RT: 19.992 min Scan# 2843
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

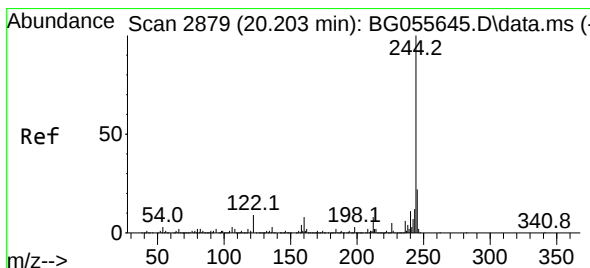
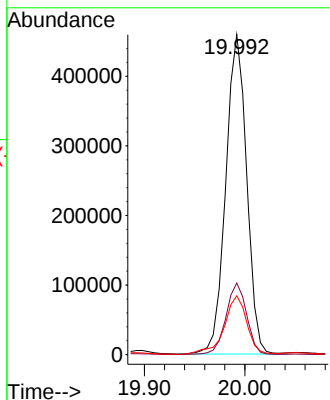
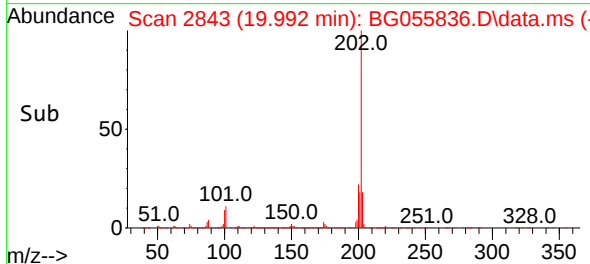
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK



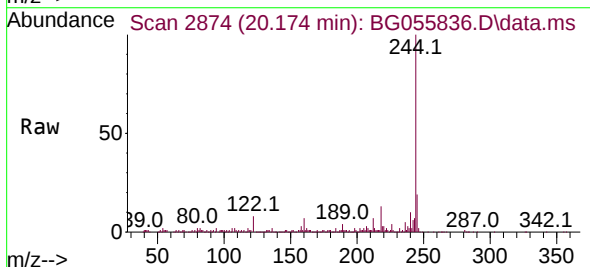
Tgt Ion:202 Resp: 664888
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.4 14.4 21.6

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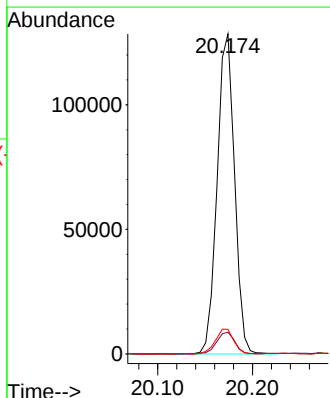
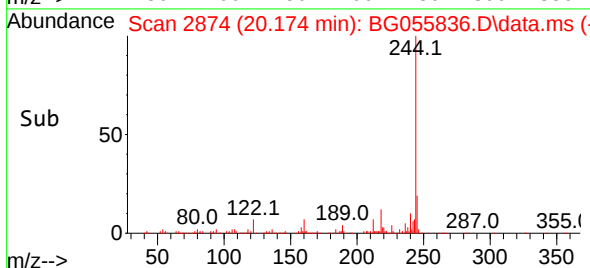
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

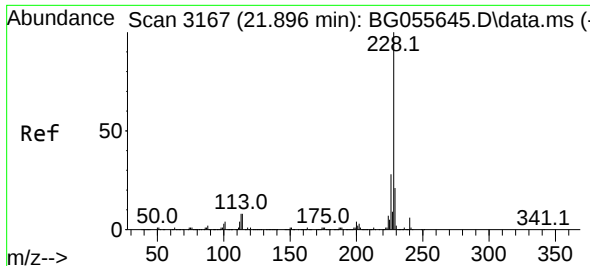


#79
Terphenyl-d14
Concen: 9.802 ng
RT: 20.174 min Scan# 2874
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



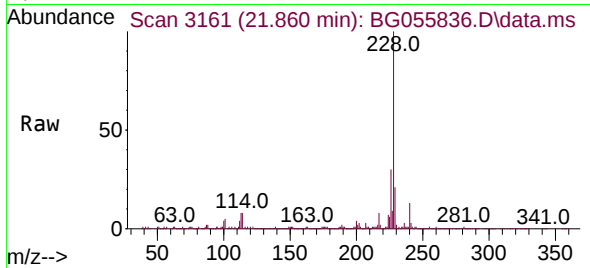
Tgt Ion:244 Resp: 163603
Ion Ratio Lower Upper
244 100
212 6.8 6.3 9.5
122 7.7 6.9 10.3





#81
Benzo(a)anthracene
Concen: 19.457 ng
RT: 21.860 min Scan# 3167
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

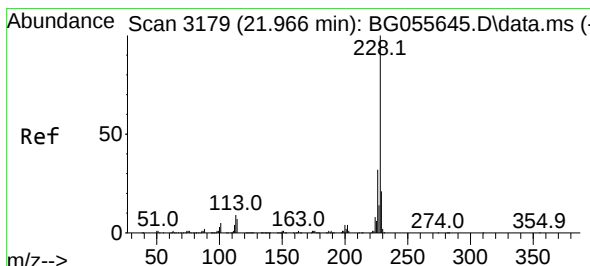
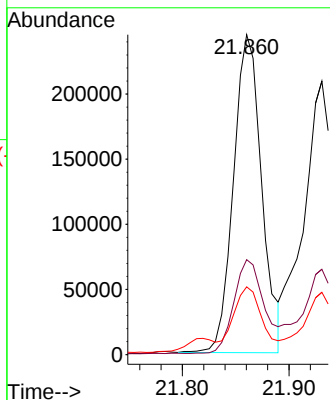
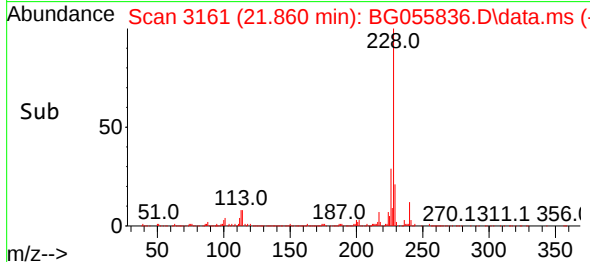
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK



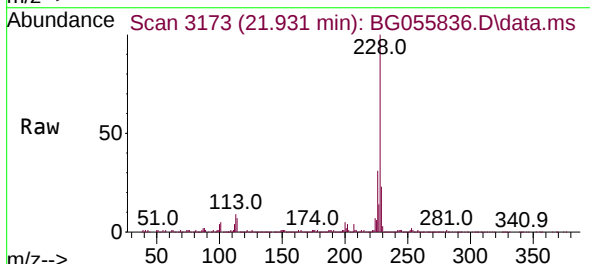
Tgt Ion:228 Resp: 447393
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 21.2 16.5 24.7

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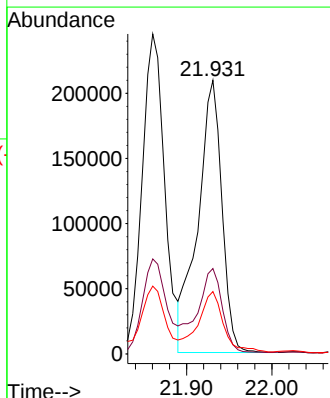
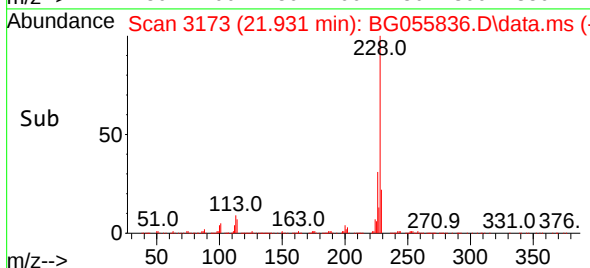
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

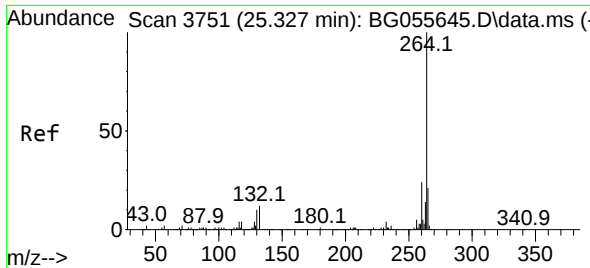


#83
Chrysene
Concen: 18.716 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.002 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



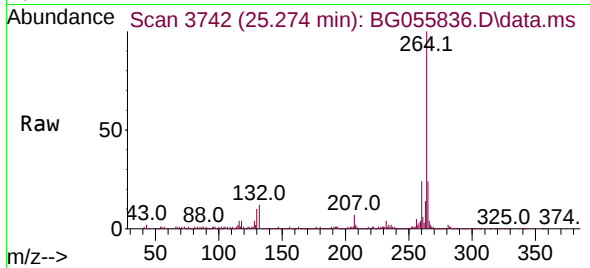
Tgt Ion:228 Resp: 409686
Ion Ratio Lower Upper
228 100
226 31.2 25.4 38.2
229 22.8 17.1 25.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

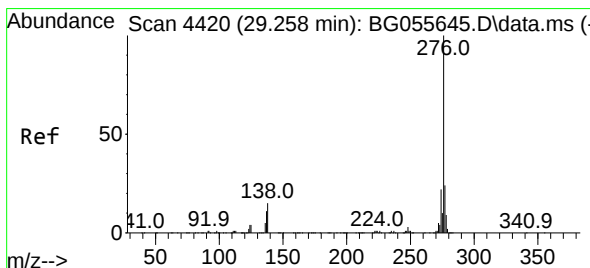
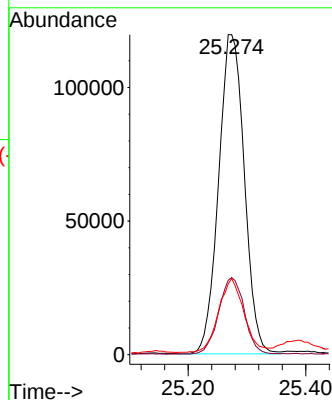
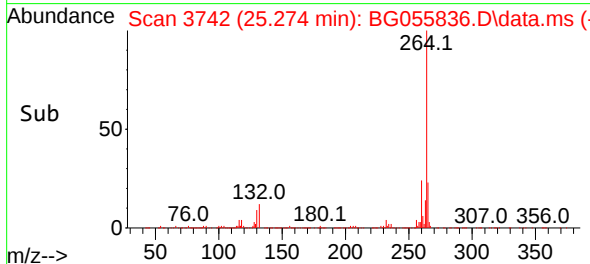
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK



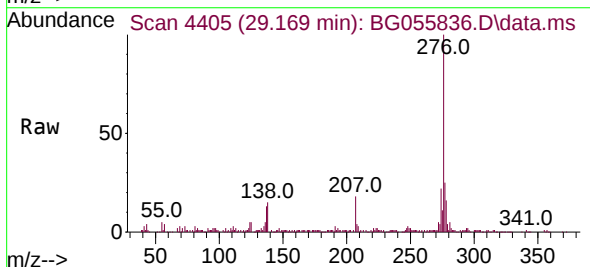
Tgt Ion:264 Resp: 363154
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 23.8 17.1 25.7

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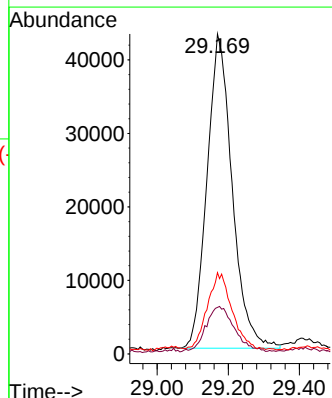
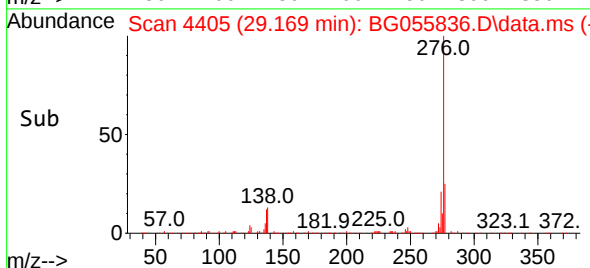
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

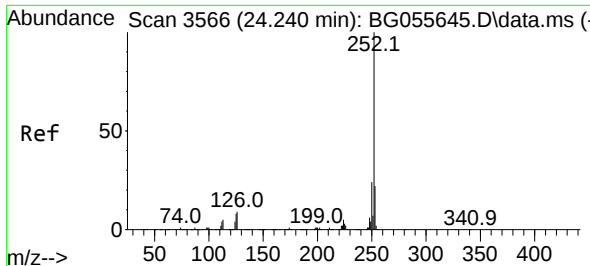


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.053 ng
RT: 29.169 min Scan# 4405
Delta R.T. -0.020 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



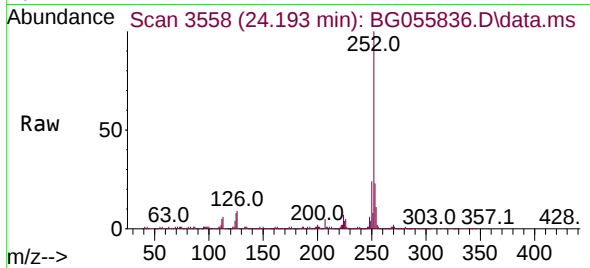
Tgt Ion:276 Resp: 209817
Ion Ratio Lower Upper
276 100
138 15.9 10.4 15.6#
277 23.7 20.2 30.4





#88
Benzo(b)fluoranthene
Concen: 22.660 ng
RT: 24.193 min Scan# 3558
Delta R.T. 0.004 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08

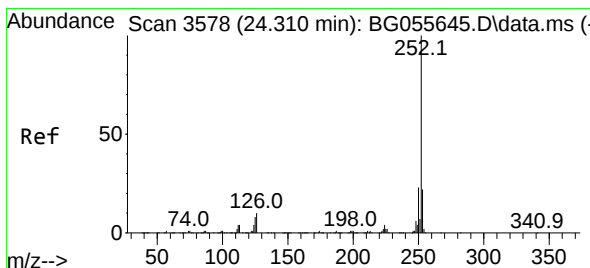
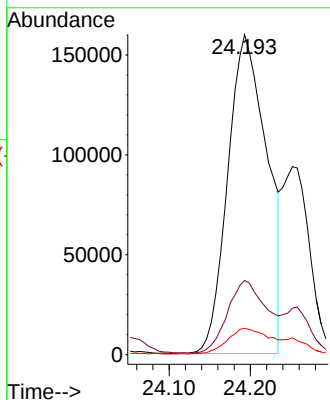
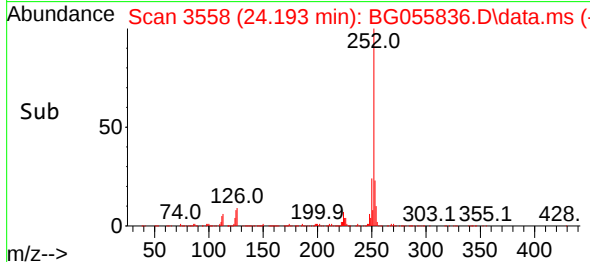
Instrument :
BNA_G
ClientSampleId :
PEQ-STOCK



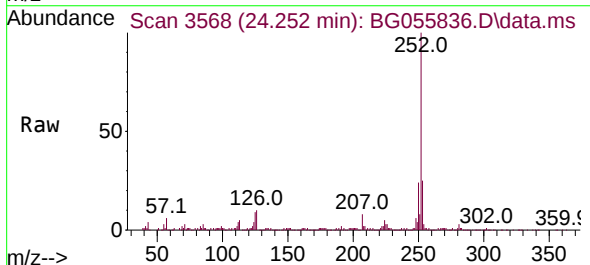
Tgt Ion:252 Resp: 535932
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 8.2 6.2 9.2

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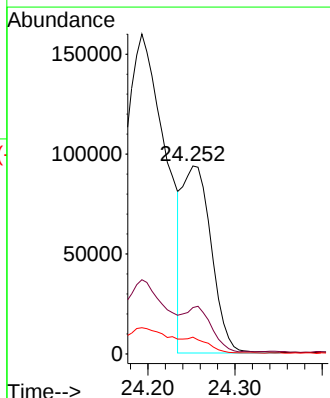
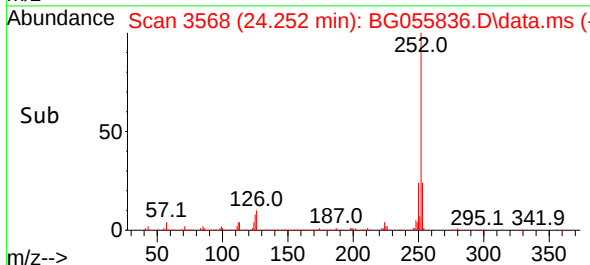
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :Jagrut Upadhyay 11/30/2022

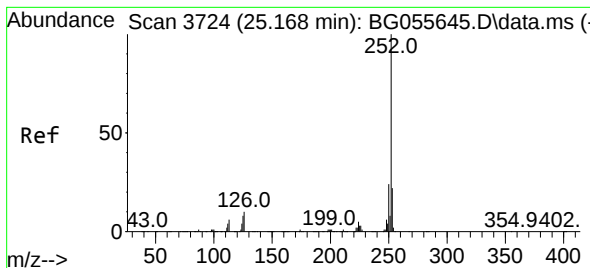


#89
Benzo(k)fluoranthene
Concen: 9.160 ng m
RT: 24.252 min Scan# 3568
Delta R.T. -0.014 min
Lab File: BG055836.D
Acq: 29 Nov 2022 20:08



Tgt Ion:252 Resp: 215937
Ion Ratio Lower Upper
252 100
253 24.7 17.8 26.6
125 8.9 6.1 9.1





#90

Benzo(a)pyrene

Concen: 15.377 ng

RT: 25.115 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG055836.D

Acq: 29 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

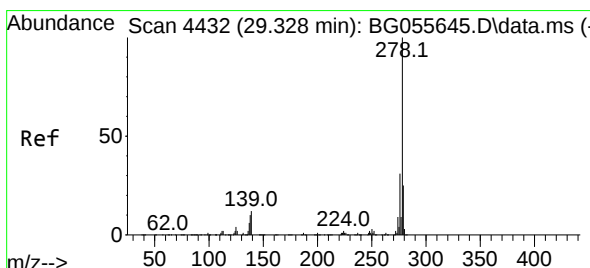
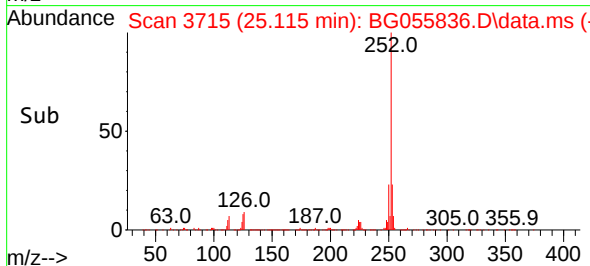
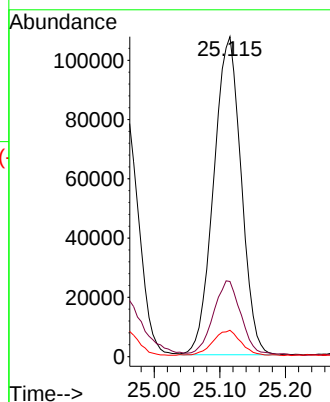
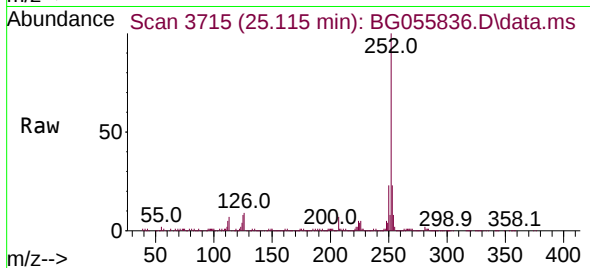
PEQ-STOCK

Tgt Ion:252 Resp: 312074
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.8 26.6
 125 8.2 6.4 9.6

Manual Integrations

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 Supervised By :Jagrut Upadhyay 11/30/2022



#91

Dibenzo(a,h)anthracene

Concen: 2.589 ng

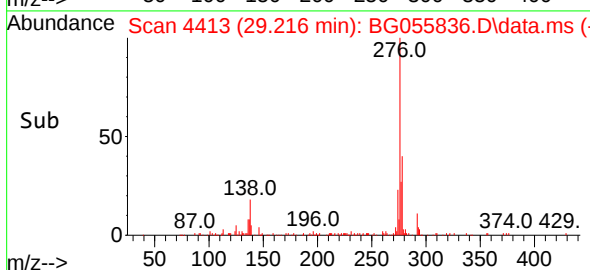
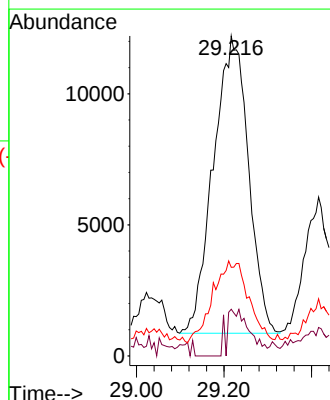
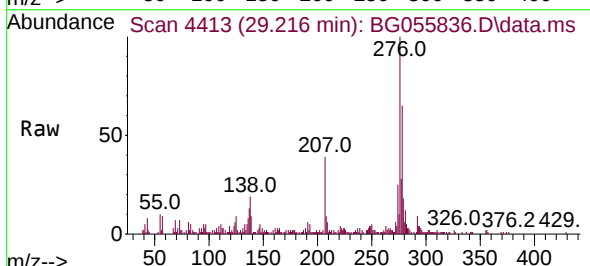
RT: 29.216 min Scan# 4413

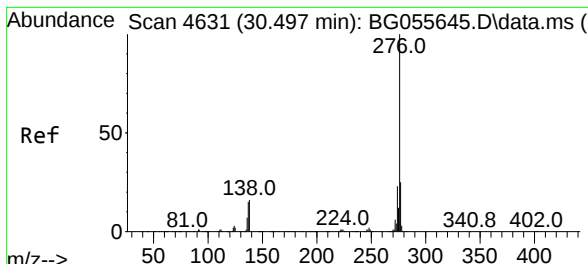
Delta R.T. -0.032 min

Lab File: BG055836.D

Acq: 29 Nov 2022 20:08

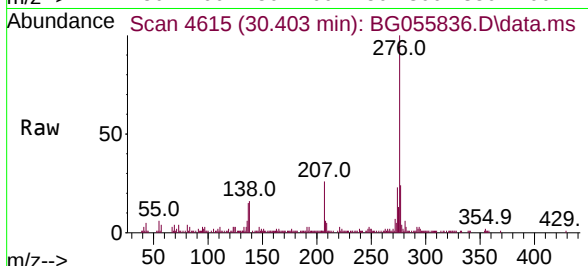
Tgt Ion:278 Resp: 62930
 Ion Ratio Lower Upper
 278 100
 139 14.6 9.8 14.8
 279 27.7 19.8 29.6





#92
 Benzo(g,h,i)perylene
 Concen: 6.826 ng
 RT: 30.403 min Scan# 4615
 Delta R.T. -0.014 min
 Lab File: BG055836.D
 Acq: 29 Nov 2022 20:08

Instrument :
 BNA_G
 ClientSampleId :
 PEQ-STOCK



Tgt Ion:276 Resp: 167256
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.8 29.6
 138 16.0 13.1 19.7

Manual Integrations
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 Supervised By :Jagrut Upadhyay 11/30/2022

