

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
 Data File : BG055813.D
 Acq On : 28 Nov 2022 20:31
 Operator : CG/JU
 Sample : N5752-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-7S

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/29/2022
 Supervised By : Jagrut Upadhyay 11/29/2022

Quant Time: Nov 29 02:14:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 02:02:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	57173	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	222706	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	136092	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	249233	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	212651	20.000	ng	# 0.03
86) Perylene-d12	25.350	264	247112	20.000	ng	# 0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	235772	74.539	ng	0.00
7) Phenol-d6	7.377	99	296688	70.463	ng	0.00
23) Nitrobenzene-d5	9.398	82	200138	47.499	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	125370	65.421	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	456968	50.304	ng	0.00
79) Terphenyl-d14	20.197	244	527251	49.592	ng	0.02
Target Compounds						Qvalue
36) 4-Chloro-3-methylphenol	12.318	107	14122	3.472	ng	96
49) Acenaphthylene	14.580	152	223143	17.579	ng	99
71) Phenanthrene	17.641	178	90849	6.755	ng	# 84
75) Fluoranthene	19.651	202	744565	45.504	ng	96
78) Pyrene	20.021	202	1485939	103.234	ng	94
81) Benzo(a)anthracene	21.901	228	542382	37.031	ng	# 88
83) Chrysene	21.966	228	536359	38.467	ng	93
84) Bis(2-ethylhexyl)phtha...	21.760	149	380531	46.990	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.316	276	1222756	60.401	ng	98
88) Benzo(b)fluoranthene	24.269	252	1379564m	85.723	ng	
89) Benzo(k)fluoranthene	24.310	252	484131m	30.179	ng	
90) Benzo(a)pyrene	25.197	252	792694	57.400	ng	# 92
91) Dibenzo(a,h)anthracene	29.333	278	163093	9.859	ng	# 87
92) Benzo(g,h,i)perylene	30.591	276	2208456	132.455	ng	100

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

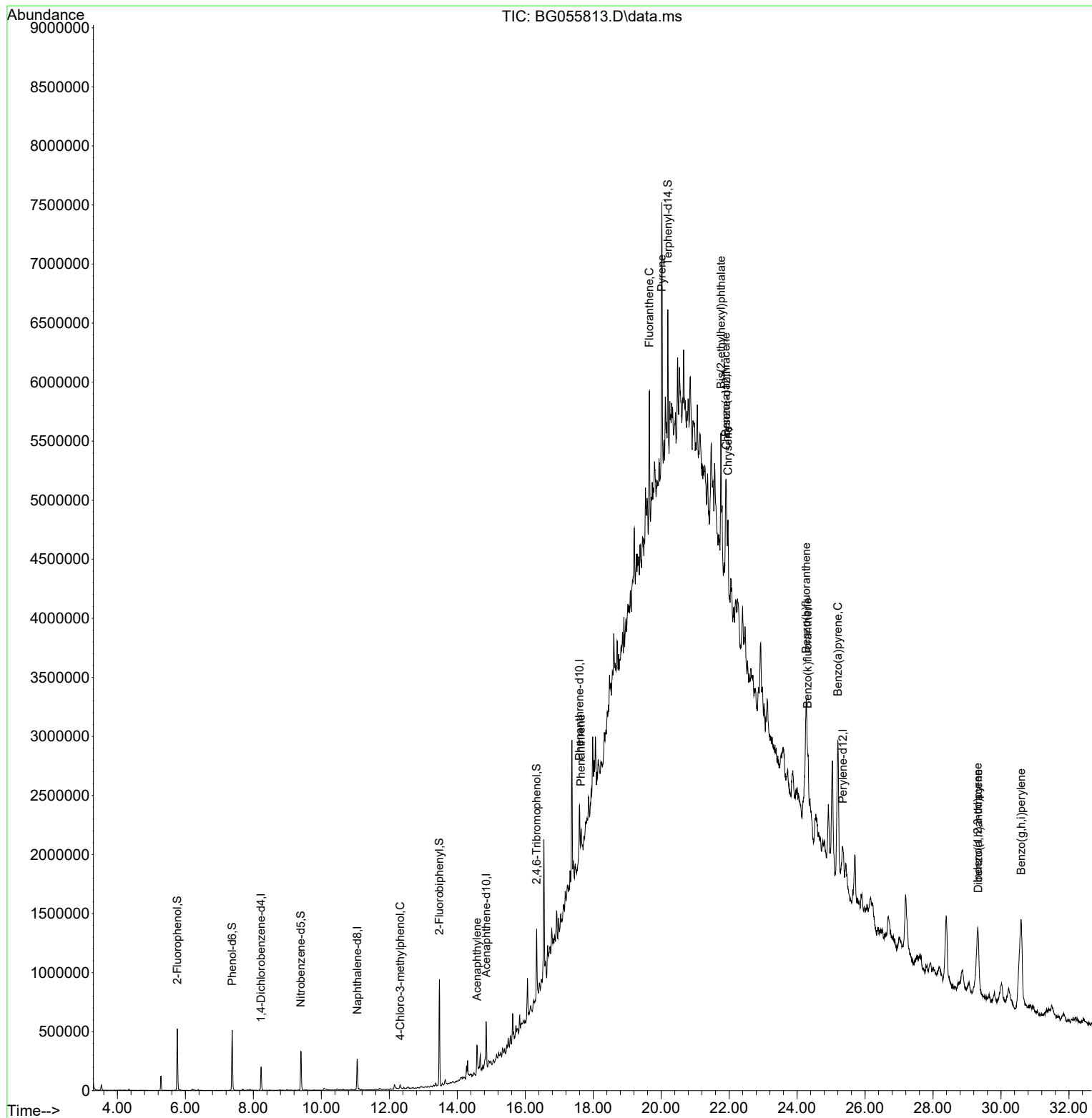
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055813.D
Acq On : 28 Nov 2022 20:31
Operator : CG/JU
Sample : N5752-01
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Quant Time: Nov 29 02:14:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

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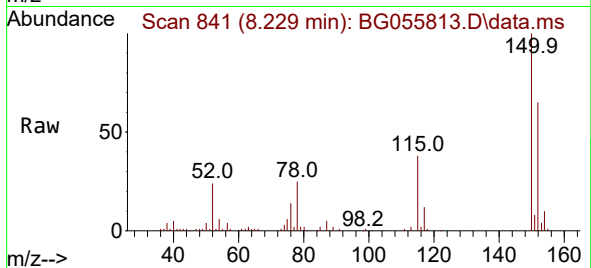
Reviewed By : Christian Giraldo 11/29/2022
Supervised By : Jagrut Upadhyay 11/29/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

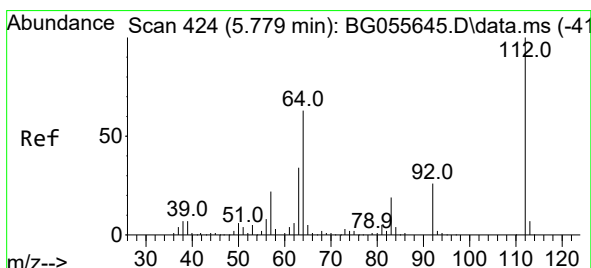
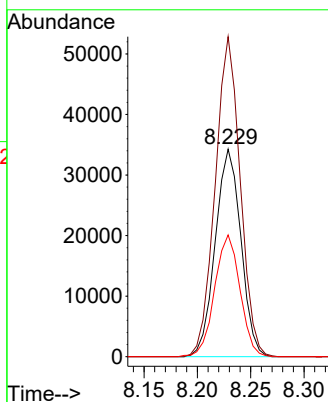
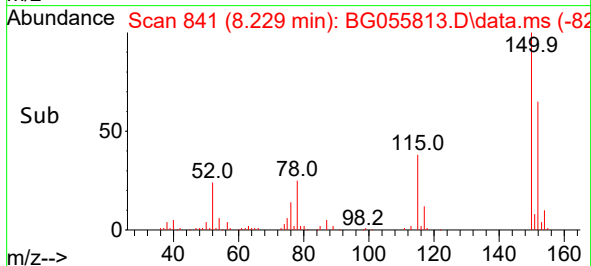
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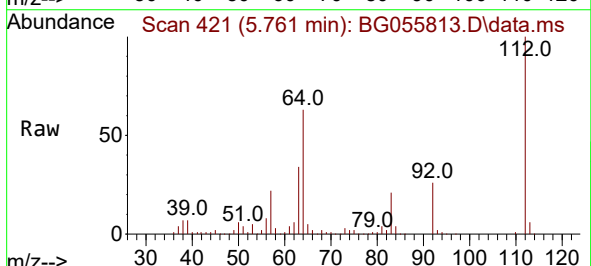
Tgt Ion:152 Resp: 5717
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.6
115 58.7 47.0 70.4

Manual Integrations
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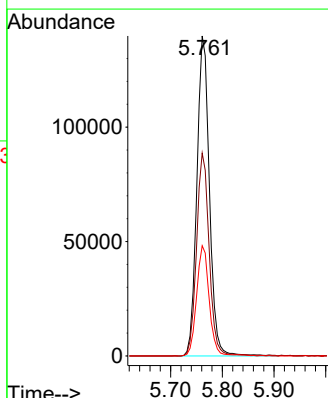
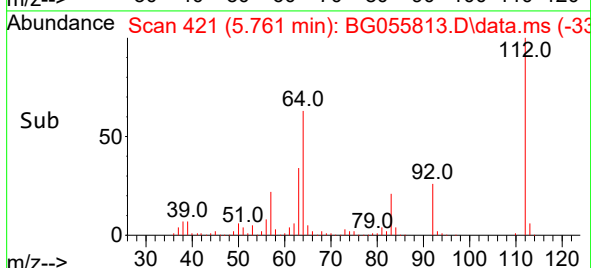
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

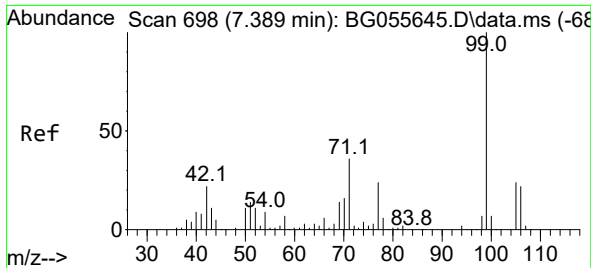


#5
2-Fluorophenol
Concen: 74.539 ng
RT: 5.761 min Scan# 421
Delta R.T. 0.003 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31



Tgt Ion:112 Resp: 235772
Ion Ratio Lower Upper
112 100
64 63.4 50.6 76.0
63 34.5 27.5 41.3





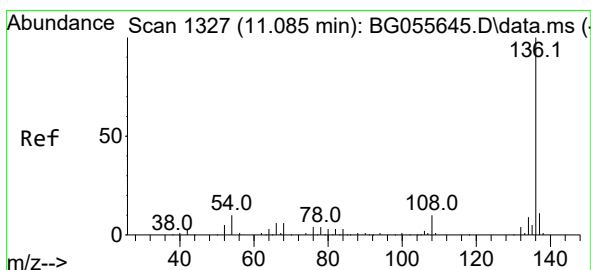
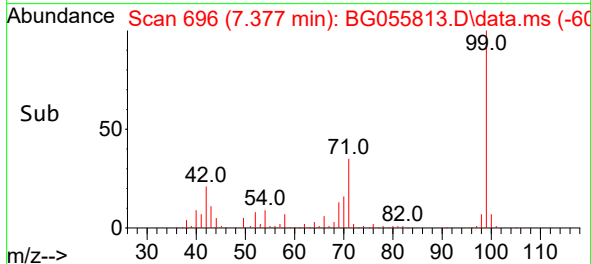
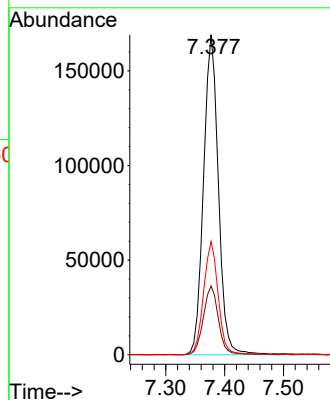
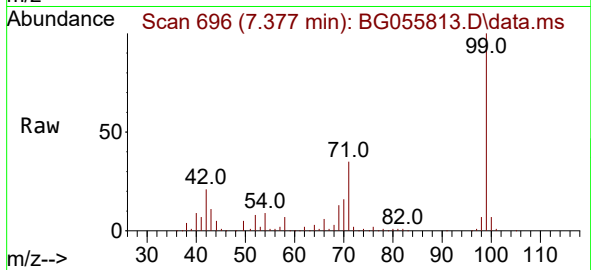
#7
Phenol-d6
Concen: 70.463 ng
RT: 7.377 min Scan# 696
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 99 Resp: 296688
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 35.3 29.0 43.6

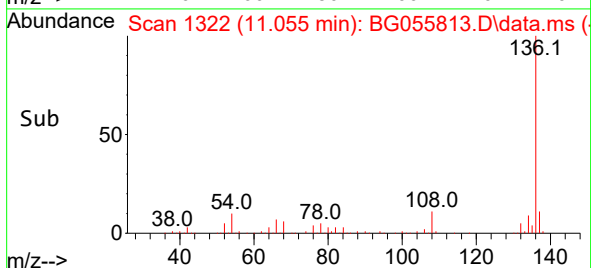
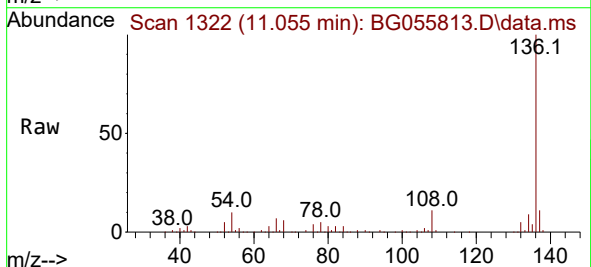
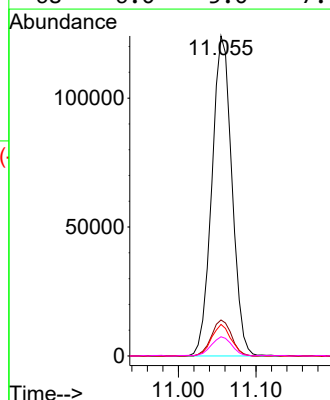
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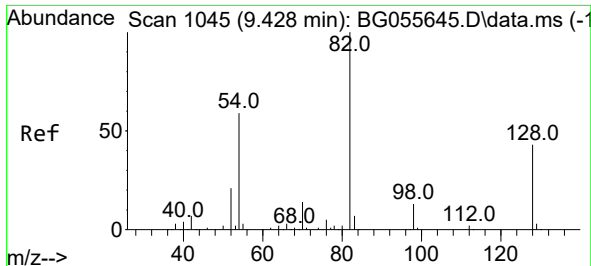
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1322
Delta R.T. -0.008 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

Tgt Ion:136 Resp: 222706
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.8 7.8 11.6
68 6.0 5.0 7.4





#23
Nitrobenzene-d5
Concen: 47.499 ng
RT: 9.398 min Scan# 1045
Delta R.T. -0.008 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

Instrument :

BNA_G

ClientSampleId :

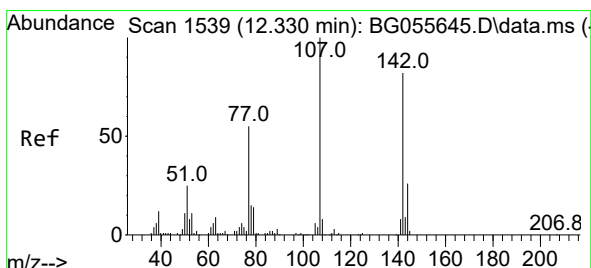
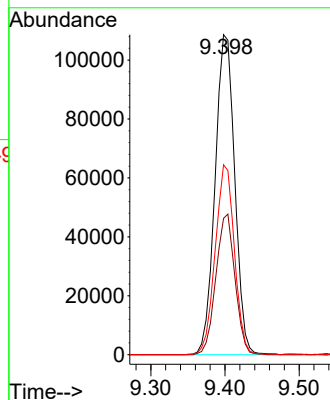
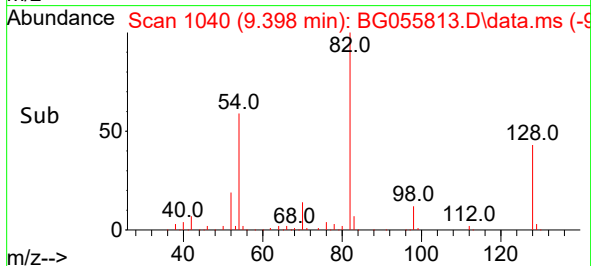
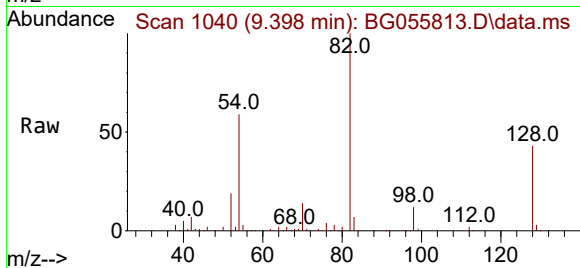
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Tgt Ion: 82 Resp: 200138
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 59.3 47.3 70.9

Manual Integrations

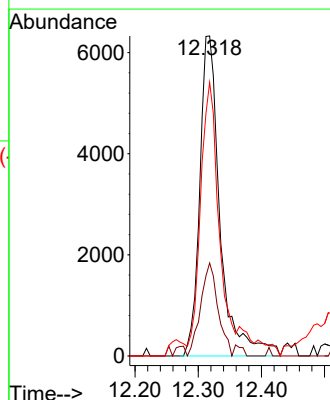
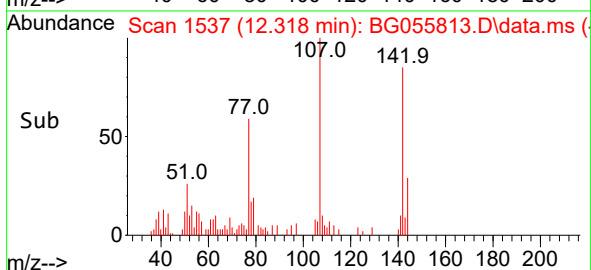
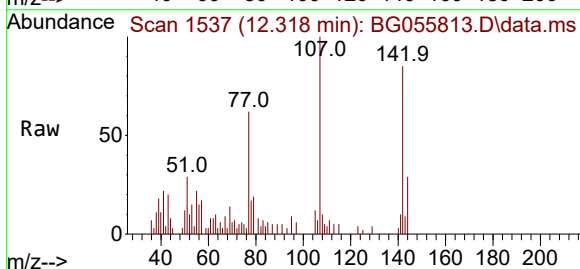
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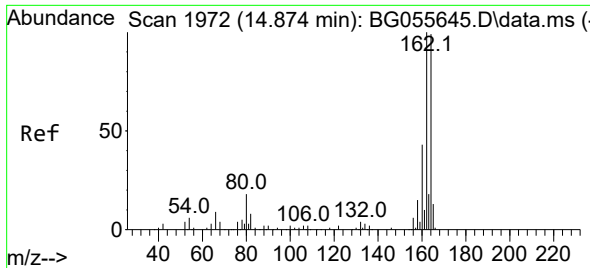
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#36
4-Chloro-3-methylphenol
Concen: 3.472 ng
RT: 12.318 min Scan# 1537
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

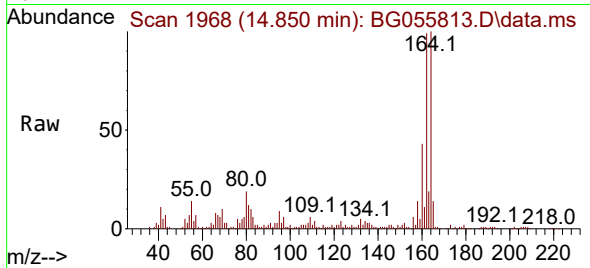
Tgt Ion:107 Resp: 14122
Ion Ratio Lower Upper
107 100
144 29.0 21.0 31.4
142 85.5 65.9 98.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

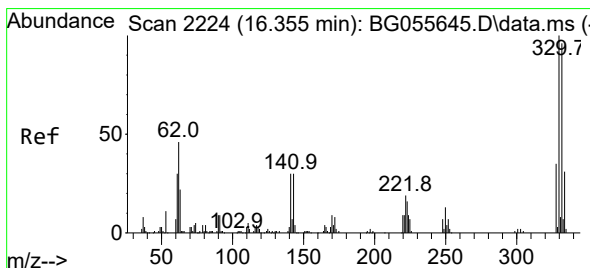
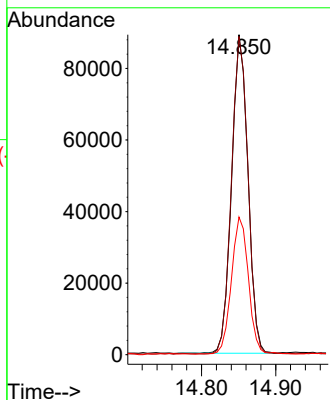
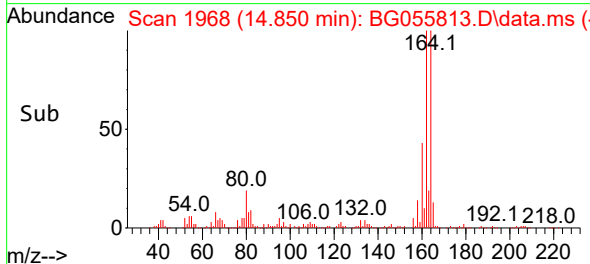
Instrument :
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ClientSampleId :
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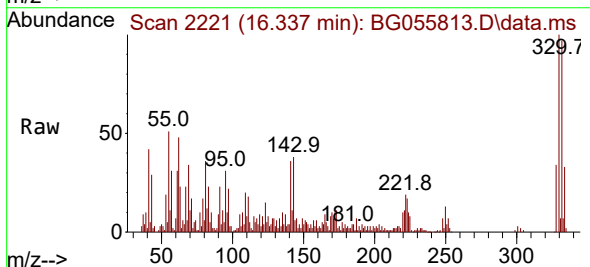
Tgt Ion:164 Resp: 136092
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 43.0 34.8 52.2

Manual Integrations
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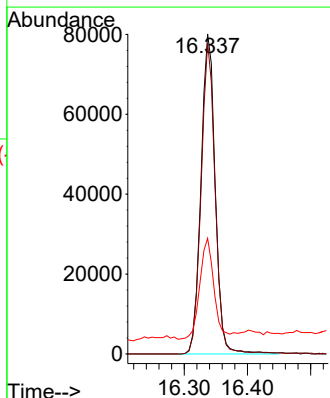
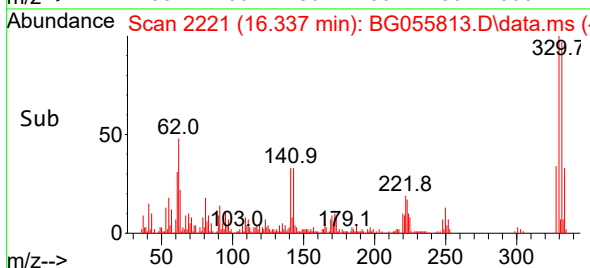
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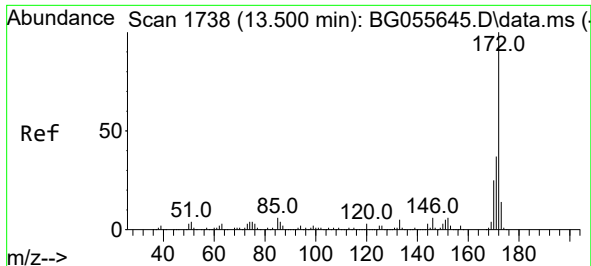


#42
2,4,6-Tribromophenol
Concen: 65.421 ng
RT: 16.337 min Scan# 2221
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31



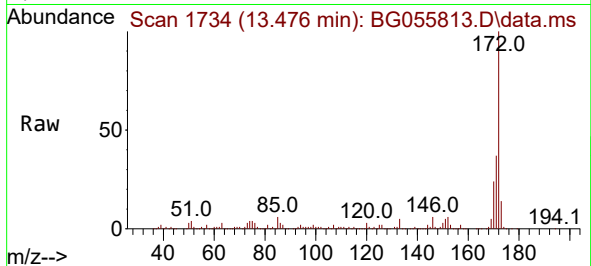
Tgt Ion:330 Resp: 125370
Ion Ratio Lower Upper
330 100
332 95.0 77.8 116.8
141 30.8 23.9 35.9





#45
2-Fluorobiphenyl
Concen: 50.304 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.008 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

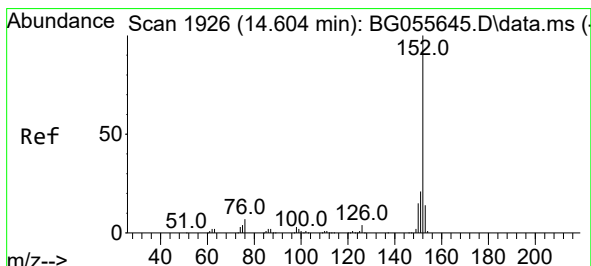
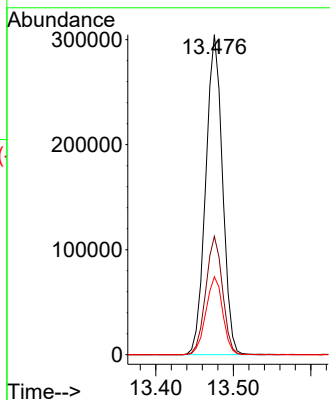
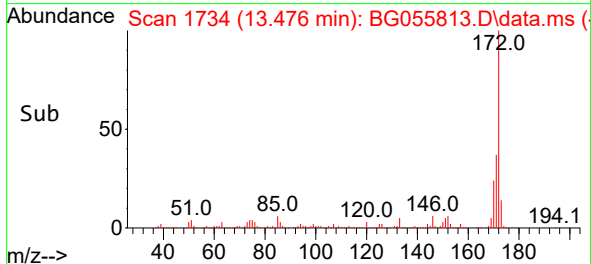
Instrument :
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ClientSampleId :
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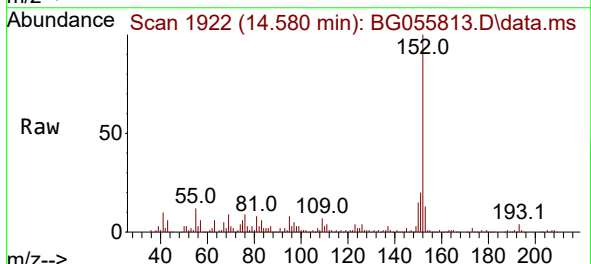
Tgt Ion:172 Resp: 45696
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.4 20.2 30.4

Manual Integrations
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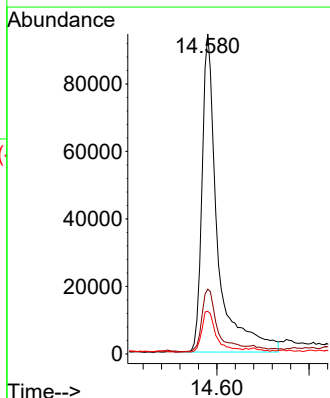
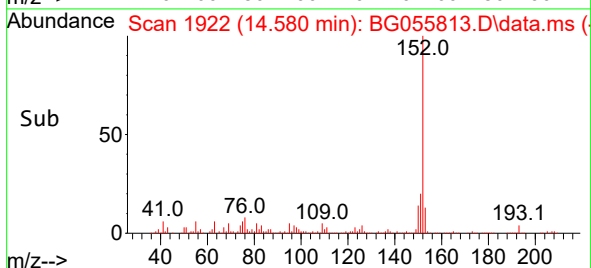
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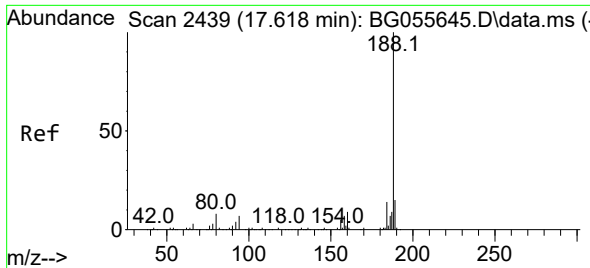


#49
Acenaphthylene
Concen: 17.579 ng
RT: 14.580 min Scan# 1922
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31



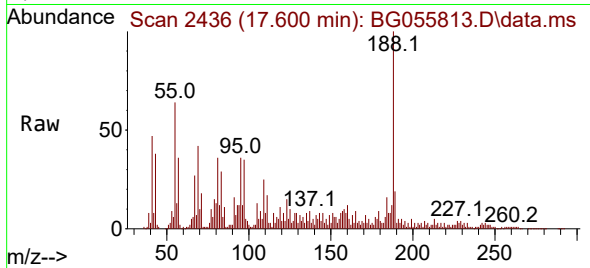
Tgt Ion:152 Resp: 223143
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.3 11.0 16.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2439
Delta R.T. 0.003 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

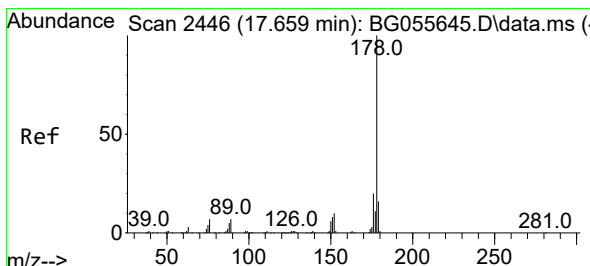
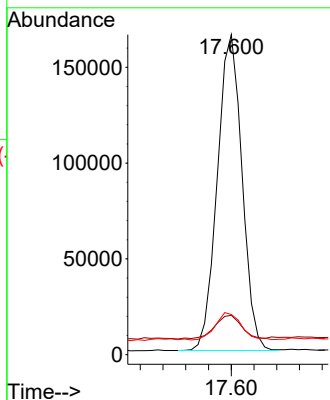
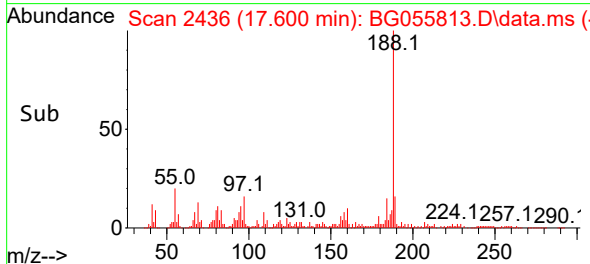
Instrument :
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Tgt Ion:188 Resp: 24923
Ion Ratio Lower Upper
188 100
94 12.3 5.4 8.2
80 12.6 6.6 10.0

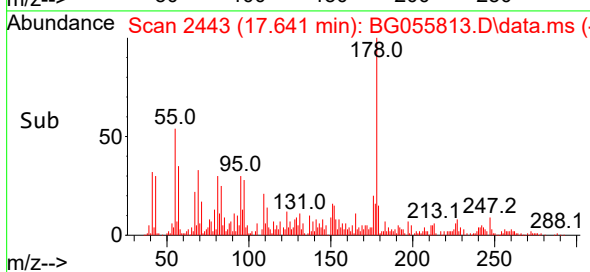
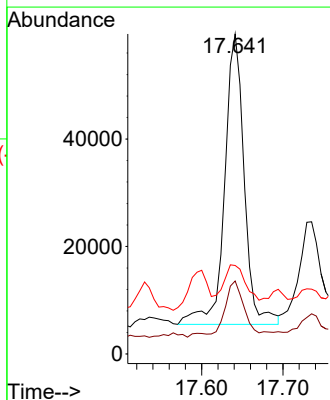
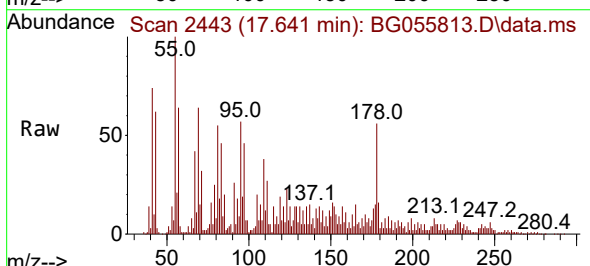
Manual Integrations
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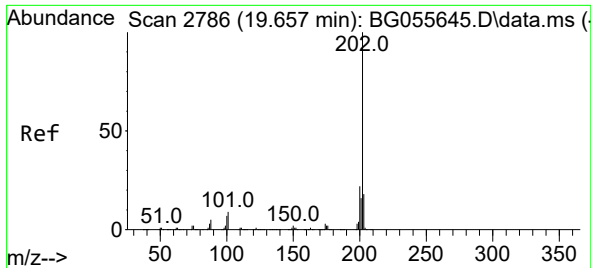
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#71
Phenanthrene
Concen: 6.755 ng
RT: 17.641 min Scan# 2443
Delta R.T. -0.002 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

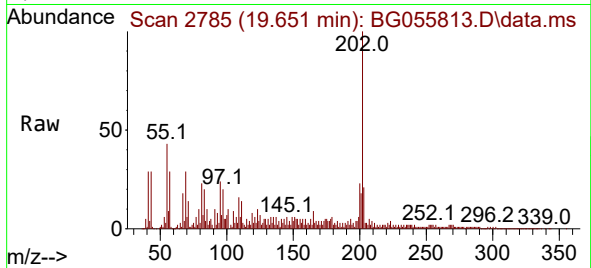
Tgt Ion:178 Resp: 90849
Ion Ratio Lower Upper
178 100
176 22.8 16.0 24.0
179 27.6 12.7 19.1





#75
Fluoranthene
Concen: 45.504 ng
RT: 19.651 min Scan# 21
Delta R.T. 0.015 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

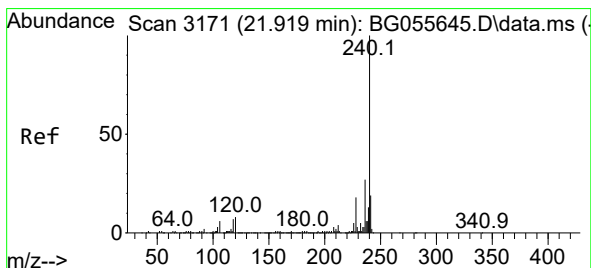
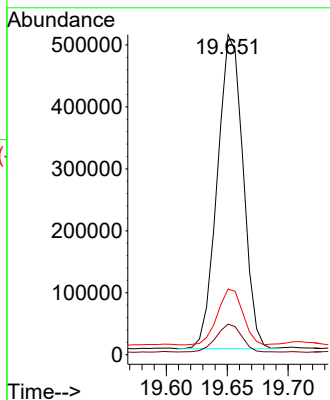
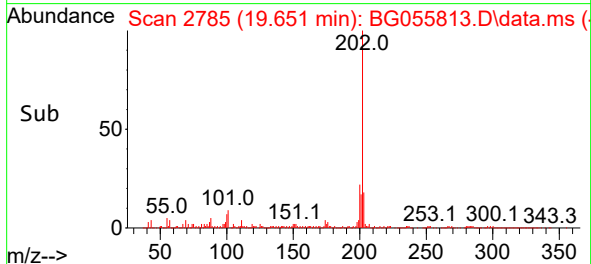
Instrument :
BNA_G
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Tgt Ion:202 Resp: 74456
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.8
203 20.5 0.0 38.1

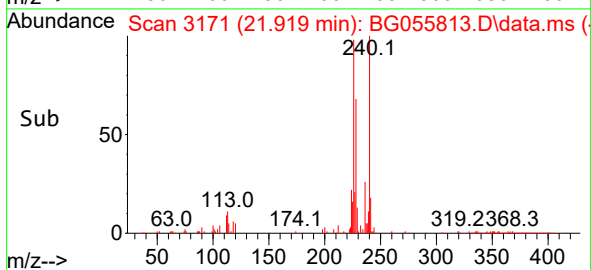
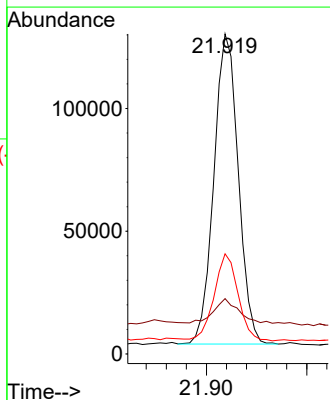
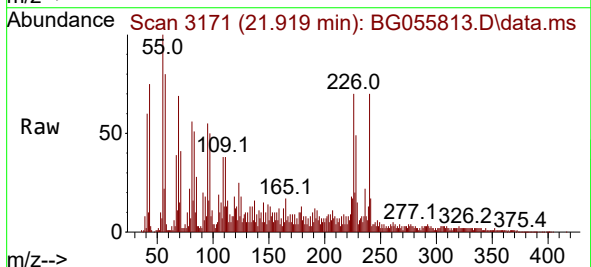
Manual Integrations
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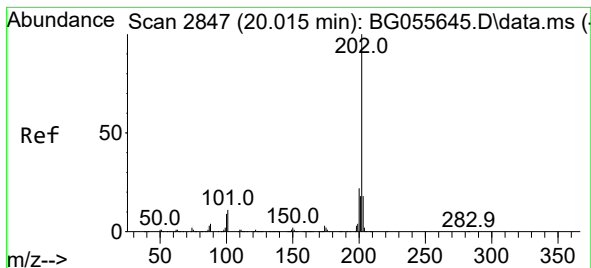
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3171
Delta R.T. 0.027 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

Tgt Ion:240 Resp: 212651
Ion Ratio Lower Upper
240 100
120 17.3 6.3 9.5#
236 31.3 21.9 32.9





#78

Pyrene

Concen: 103.234 ng

RT: 20.021 min Scan# 2

Delta R.T. 0.021 min

Lab File: BG055813.D

Acq: 28 Nov 2022 20:31

Instrument :

BNA_G

ClientSampleId :

B-7S

Tgt Ion:202 Resp: 1485939

Ion Ratio Lower Upper

202 100

200 24.8 17.8 26.6

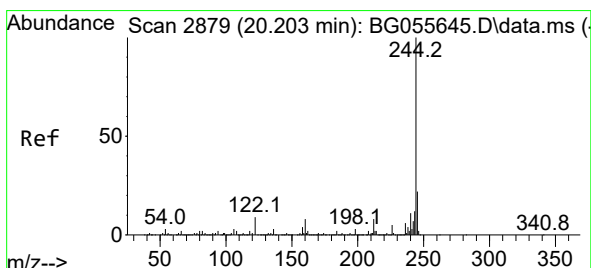
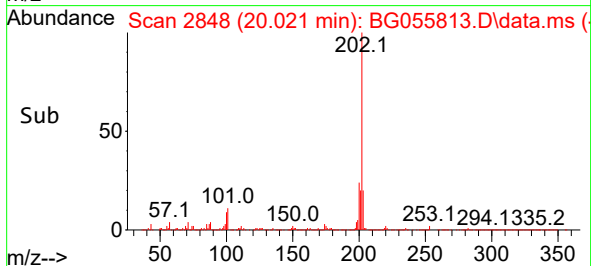
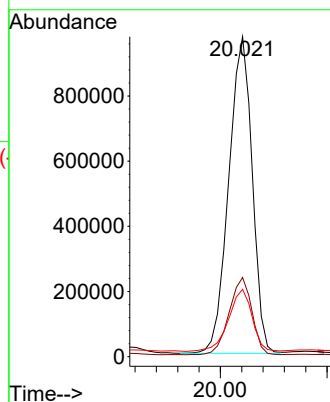
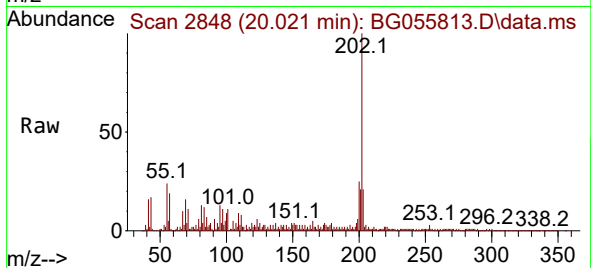
203 21.1 14.4 21.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#79

Terphenyl-d14

Concen: 49.592 ng

RT: 20.197 min Scan# 2878

Delta R.T. 0.015 min

Lab File: BG055813.D

Acq: 28 Nov 2022 20:31

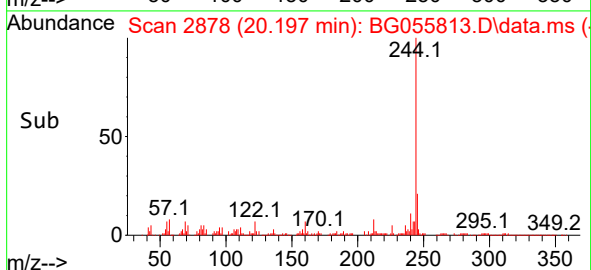
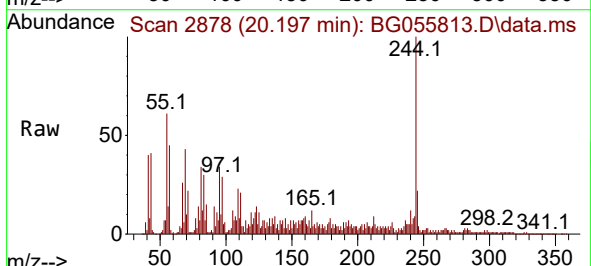
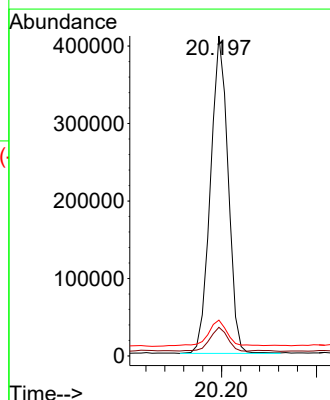
Tgt Ion:244 Resp: 527251

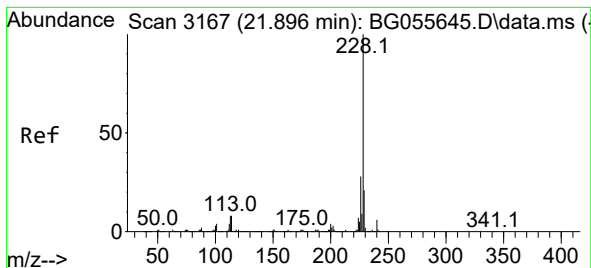
Ion Ratio Lower Upper

244 100

212 8.9 6.3 9.5

122 11.2 6.9 10.3#





#81

Benzo(a)anthracene

Concen: 37.031 ng

RT: 21.901 min Scan# 3168

Delta R.T. 0.027 min

Lab File: BG055813.D

Acq: 28 Nov 2022 20:31

Instrument :

BNA_G

ClientSampleId :

B-7S

Tgt Ion:228 Resp: 54238

Ion Ratio Lower Upper

228 100

226 36.3 22.7 34.1

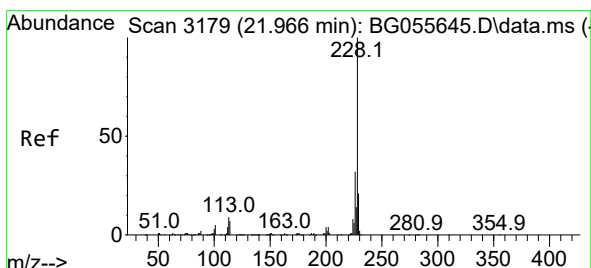
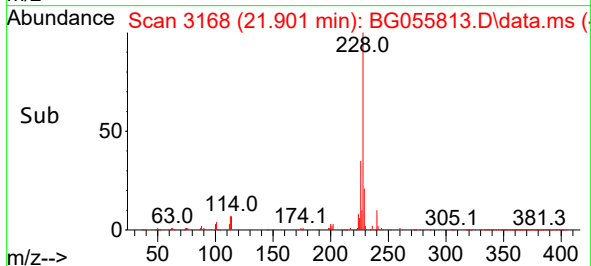
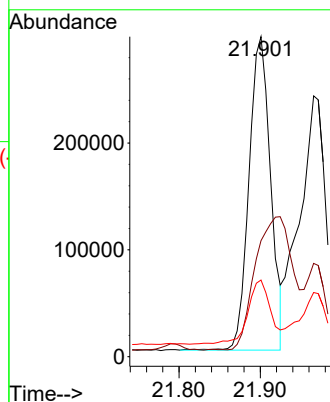
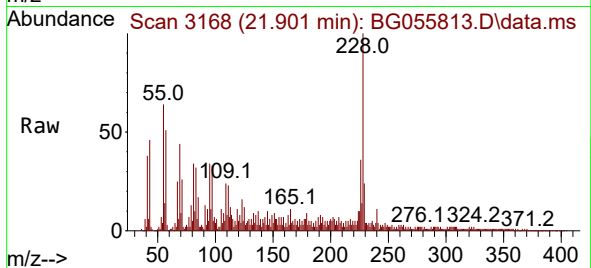
229 24.0 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/29/2022

Supervised By :Jagrut Upadhyay 11/29/2022



#83

Chrysene

Concen: 38.467 ng

RT: 21.966 min Scan# 3179

Delta R.T. 0.021 min

Lab File: BG055813.D

Acq: 28 Nov 2022 20:31

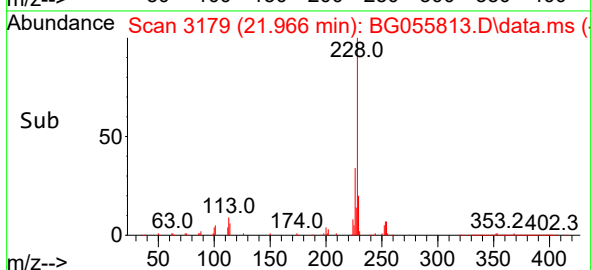
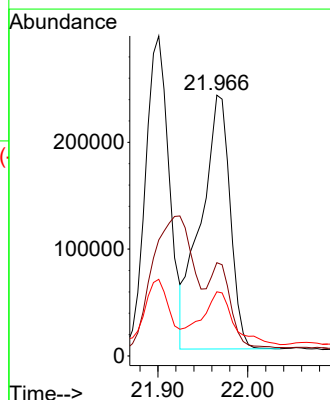
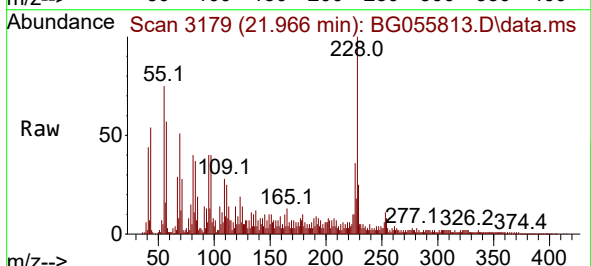
Tgt Ion:228 Resp: 536359

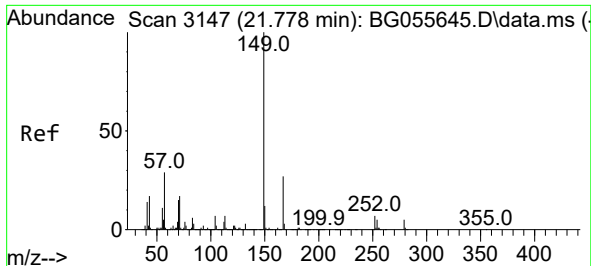
Ion Ratio Lower Upper

228 100

226 35.8 25.4 38.2

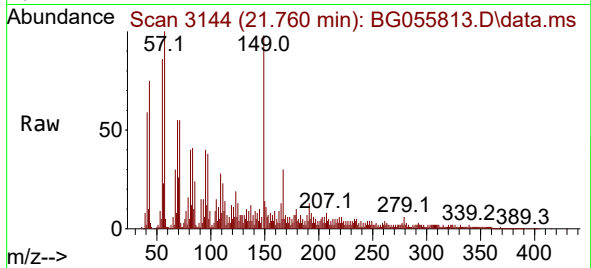
229 24.6 17.1 25.7





#84
Bis(2-ethylhexyl)phthalate
Concen: 46.990 ng
RT: 21.760 min Scan# 3147
Delta R.T. 0.021 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

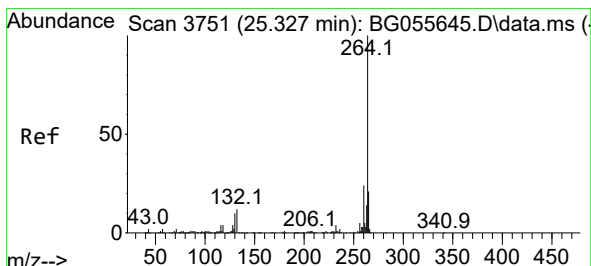
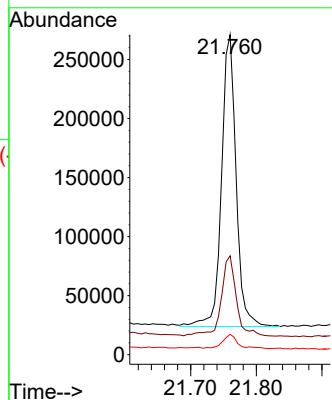
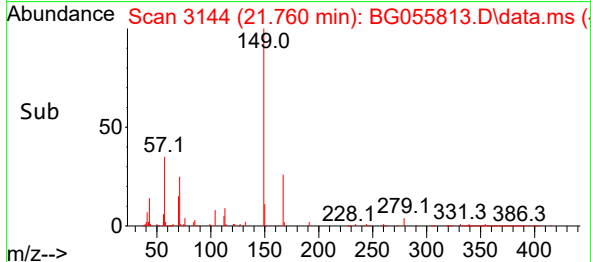
Instrument :
BNA_G
ClientSampleId :
B-7S



Tgt Ion:149 Resp: 38053
Ion Ratio Lower Upper
149 100
167 30.9 22.0 33.0
279 6.4 3.7 5.5

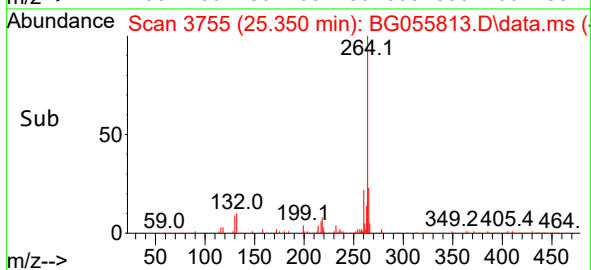
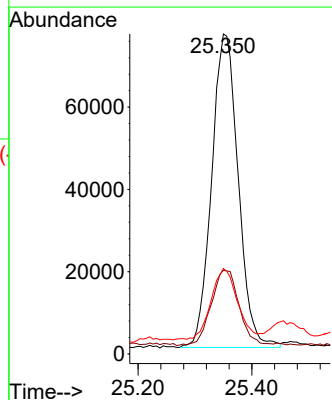
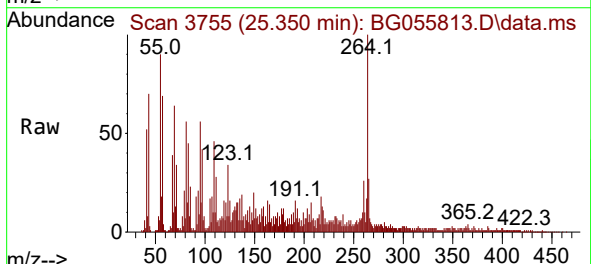
Manual Integrations
APPROVED

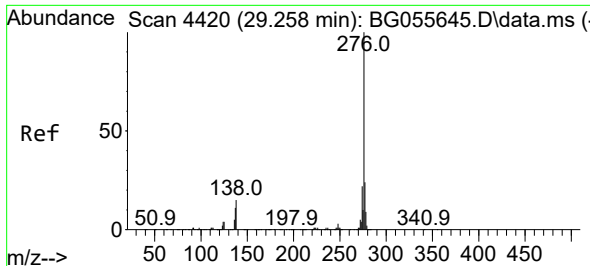
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.062 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

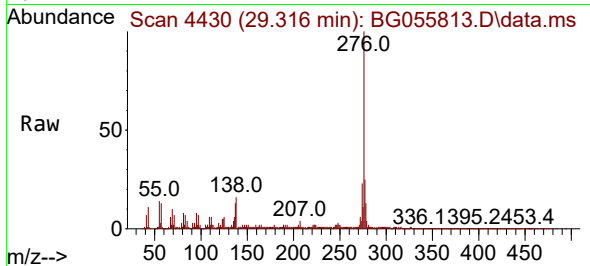
Tgt Ion:264 Resp: 247112
Ion Ratio Lower Upper
264 100
260 26.2 19.5 29.3
265 26.7 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 60.401 ng
RT: 29.316 min Scan# 4420
Delta R.T. 0.103 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

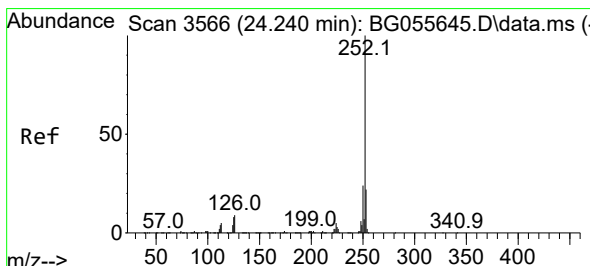
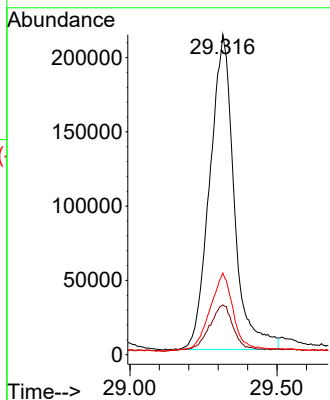
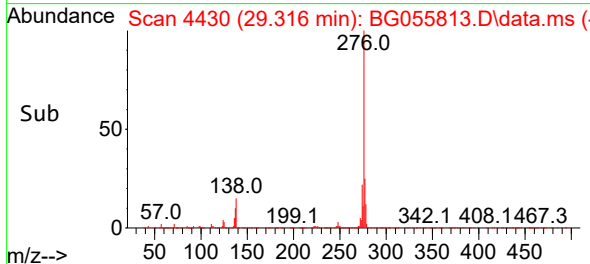
Instrument :
BNA_G
ClientSampleId :
B-7S



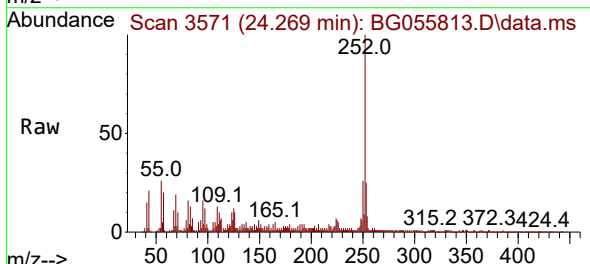
Tgt Ion:276 Resp: 1222750
Ion Ratio Lower Upper
276 100
138 14.4 10.4 15.6
277 24.5 20.2 30.4

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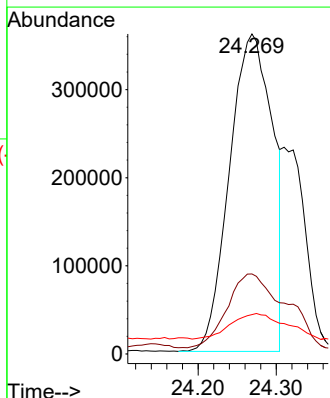
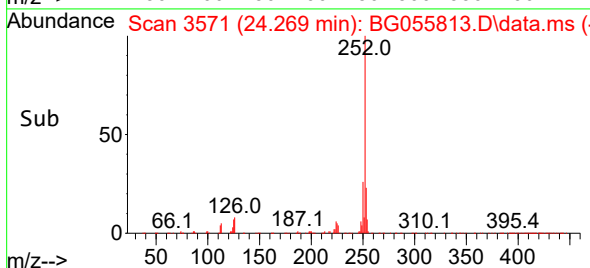
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

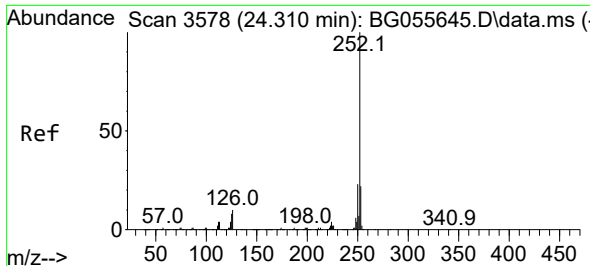


#88
Benzo(b)fluoranthene
Concen: 85.723 ng m
RT: 24.269 min Scan# 3571
Delta R.T. 0.062 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31



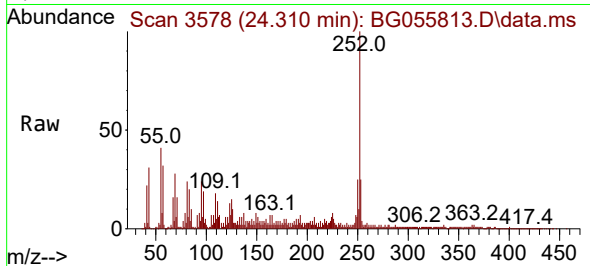
Tgt Ion:252 Resp: 1379564
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 12.3 6.2 9.2#





#89
Benzo(k)fluoranthene
Concen: 30.179 ng m
RT: 24.310 min Scan# 3578
Delta R.T. 0.033 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

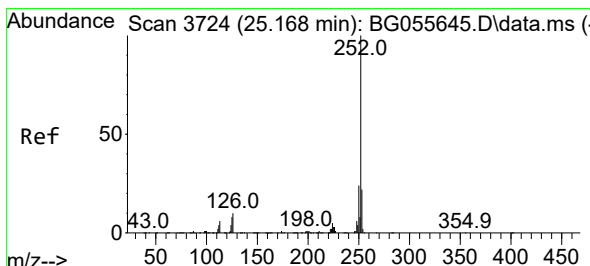
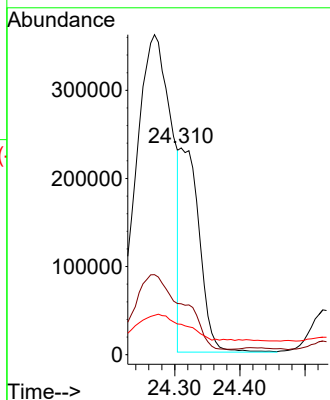
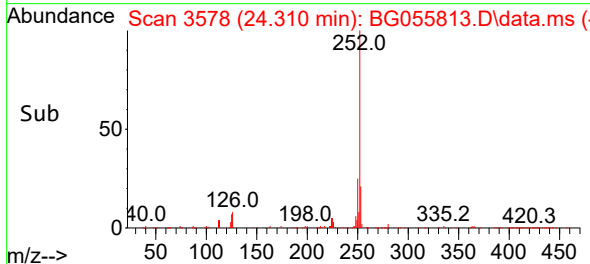
Instrument :
BNA_G
ClientSampleId :
B-7S



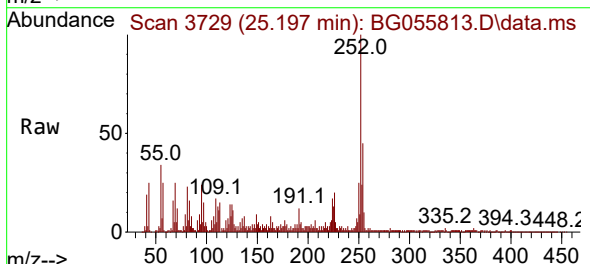
Tgt Ion:252 Resp: 48413
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 14.7 6.1 9.1

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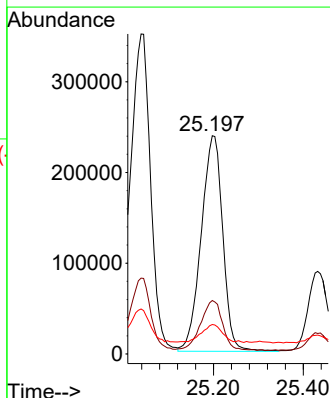
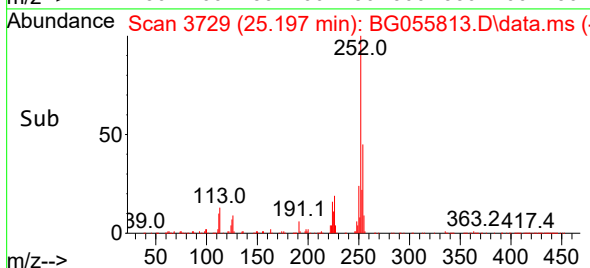
Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

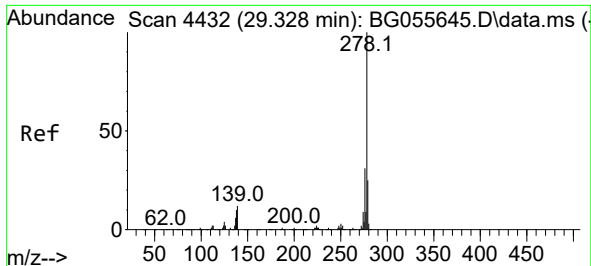


#90
Benzo(a)pyrene
Concen: 57.400 ng
RT: 25.197 min Scan# 3729
Delta R.T. 0.068 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31



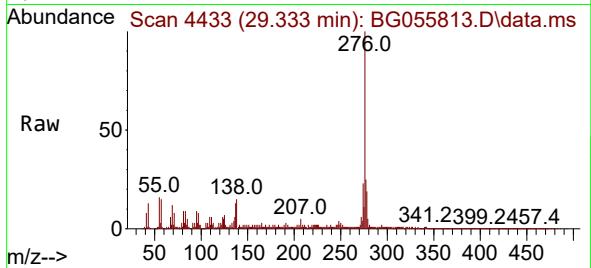
Tgt Ion:252 Resp: 792694
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 13.5 6.4 9.6





#91
Dibenzo(a,h)anthracene
Concen: 9.859 ng
RT: 29.333 min Scan# 4433
Delta R.T. 0.068 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

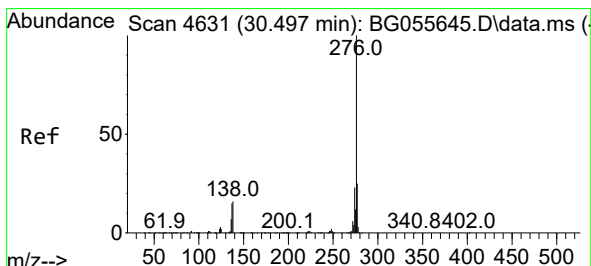
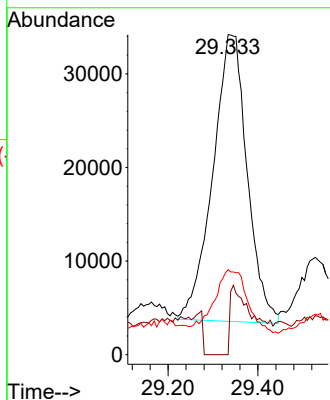
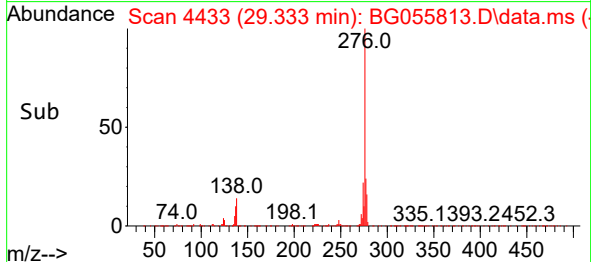
Instrument :
BNA_G
ClientSampleId :
B-7S



Tgt Ion:278 Resp: 16309
Ion Ratio Lower Upper
278 100
139 0.0 9.8 14.8
279 26.6 19.8 29.6

Manual Integrations
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Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022



#92
Benzo(g,h,i)perylene
Concen: 132.455 ng
RT: 30.591 min Scan# 4647
Delta R.T. 0.156 min
Lab File: BG055813.D
Acq: 28 Nov 2022 20:31

Tgt Ion:276 Resp: 2208456
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.6
138 16.2 13.1 19.7

