

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055248.D
 Acq On : 22 Oct 2022 00:38
 Operator : CG/JU
 Sample : N5217-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-L1-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/24/2022
 Supervised By : Jagrut Upadhyay 10/24/2022

Quant Time: Oct 22 01:34:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	58825	20.000	ng	0.00
21) Naphthalene-d8	11.113	136	261818	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	153706	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	259202	20.000	ng	0.00
76) Chrysene-d12	21.906	240	210408	20.000	ng	-0.01
86) Perylene-d12	25.314	264	222097	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.807	112	398782	121.966	ng	0.00
7) Phenol-d6	7.423	99	549139	110.221	ng	0.00
23) Nitrobenzene-d5	9.456	82	352889	65.071	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	152918	96.011	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	698134	72.550	ng	0.00
79) Terphenyl-d14	20.202	244	715100	63.327	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.670	178	53609	3.876	ng	98
75) Fluoranthene	19.656	202	146242	9.545	ng	97
78) Pyrene	20.014	202	132971	8.387	ng	98
81) Benzo(a)anthracene	21.883	228	70456	5.162	ng	99
83) Chrysene	21.953	228	67232	5.290	ng	96
84) Bis(2-ethylhexyl)phtha...	21.759	149	27912	2.879	ng	100
87) Indeno(1,2,3-cd)pyrene	29.233	276	55478	3.591	ng	# 91
88) Benzo(b)fluoranthene	24.227	252	102100	7.741	ng	# 90
89) Benzo(k)fluoranthene	24.298	252	34639m	2.593	ng	
90) Benzo(a)pyrene	25.149	252	74123	6.548	ng	# 93
92) Benzo(g,h,i)perylene	30.455	276	58698	4.788	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
Data File : BG055248.D
Acq On : 22 Oct 2022 00:38
Operator : CG/JU
Sample : N5217-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 10/24/2022
Supervised By : Jagrut Upadhyay 10/24/2022

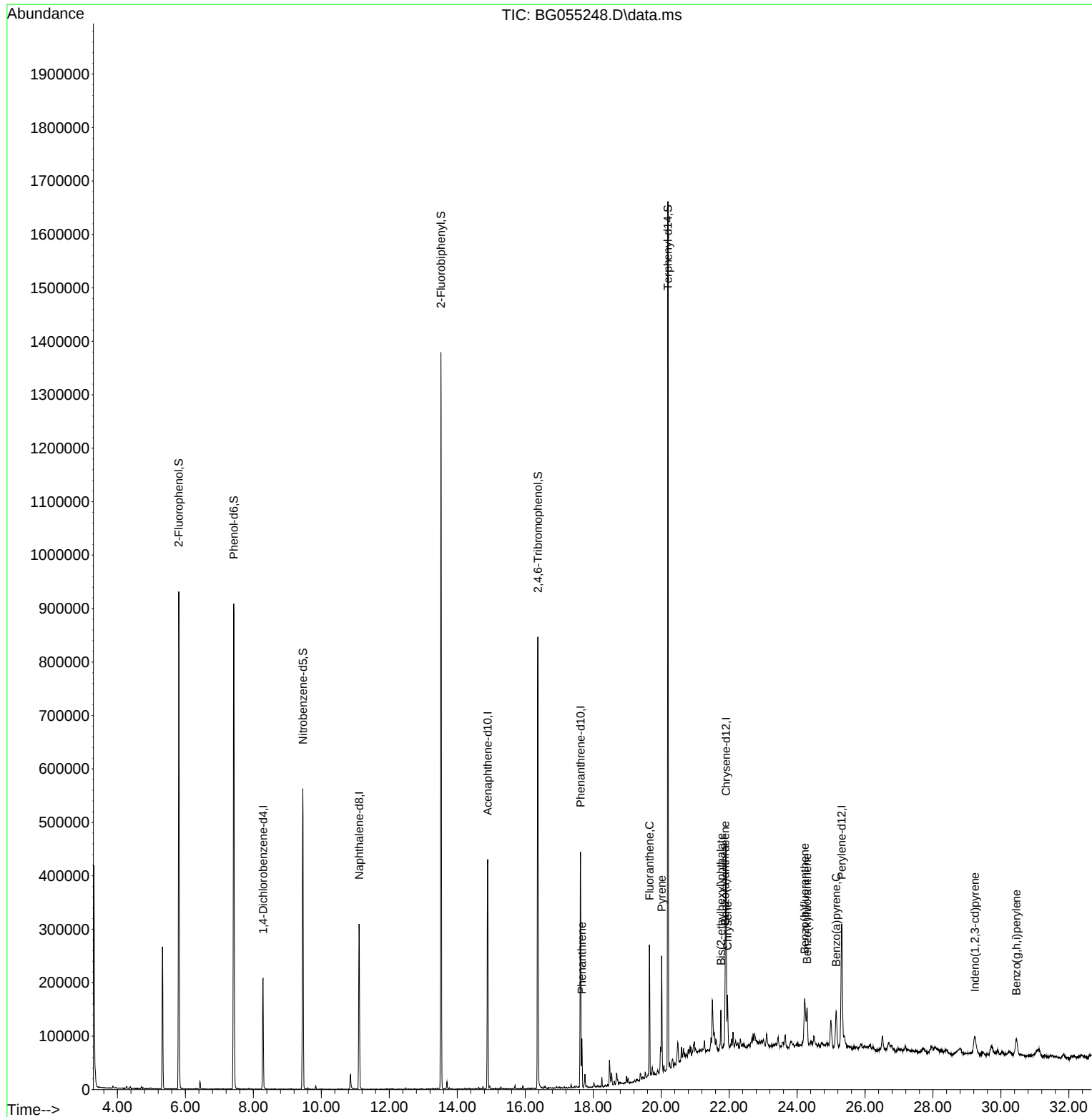
Quant Time: Oct 22 01:34:08 2022

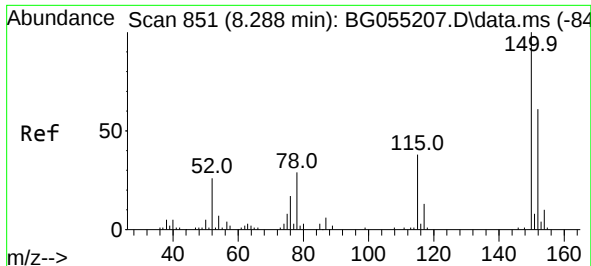
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 20 09:21:42 2022

Response via : Initial Calibration





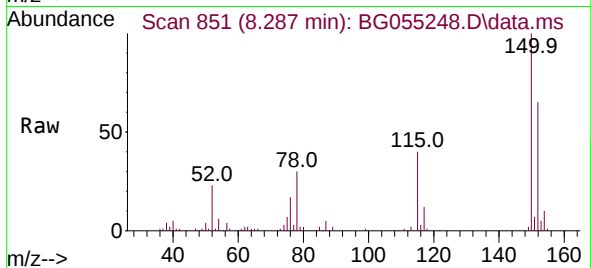
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.287 min Scan# 851
Delta R.T. -0.001 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

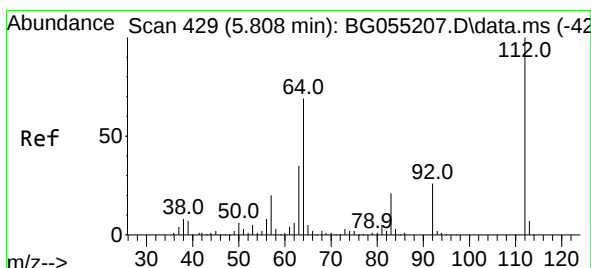
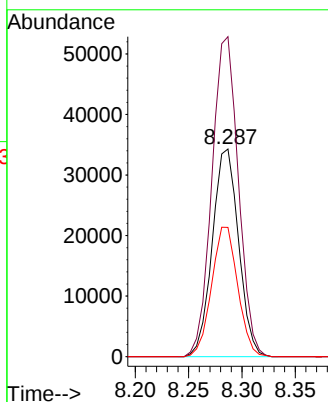
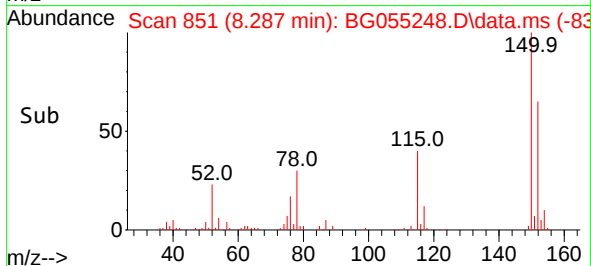


Tgt Ion:152 Resp: 58825
Ion Ratio Lower Upper
152 100
150 154.1 130.2 195.2
115 62.2 50.0 75.0

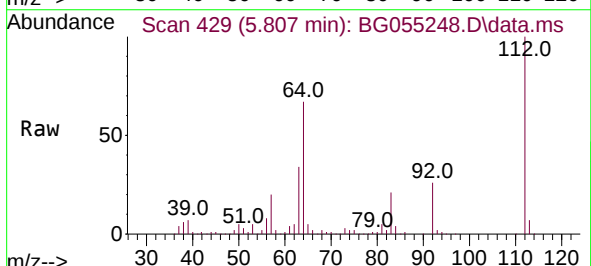
Manual Integrations

APPROVED

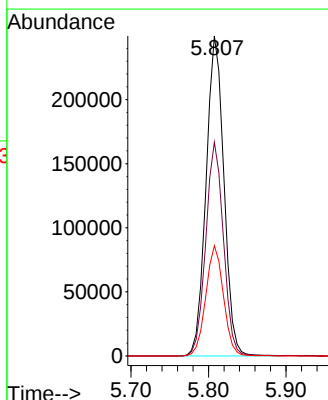
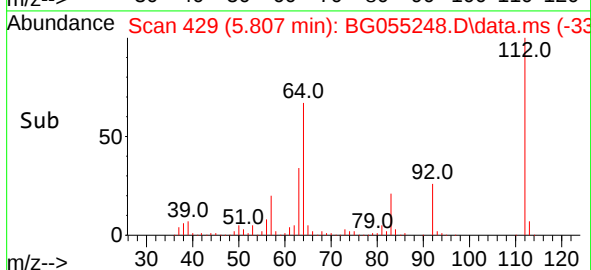
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

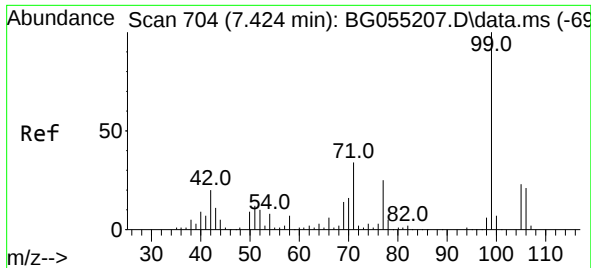


#5
2-Fluorophenol
Concen: 121.966 ng
RT: 5.807 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38



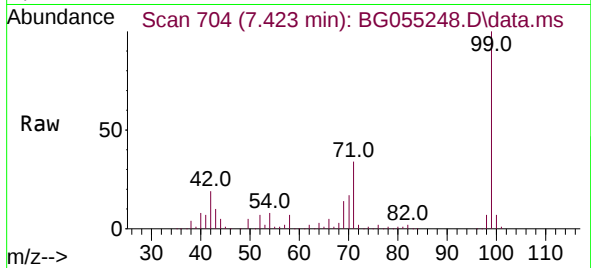
Tgt Ion:112 Resp: 398782
Ion Ratio Lower Upper
112 100
64 66.8 55.1 82.7
63 34.4 27.8 41.6





#7
Phenol-d6
Concen: 110.221 ng
RT: 7.423 min Scan# 704
Delta R.T. -0.001 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

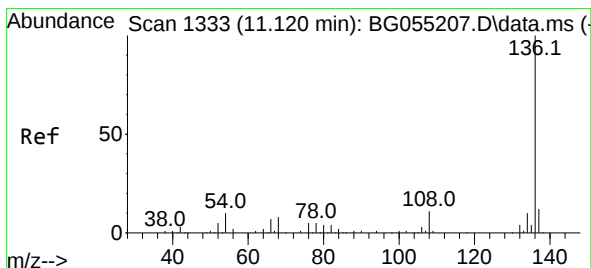
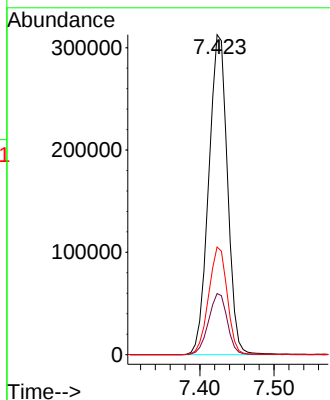
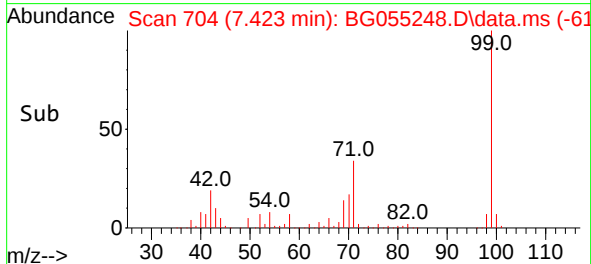
Instrument :
BNA_G
ClientSampleId :
SB-L1-COMP



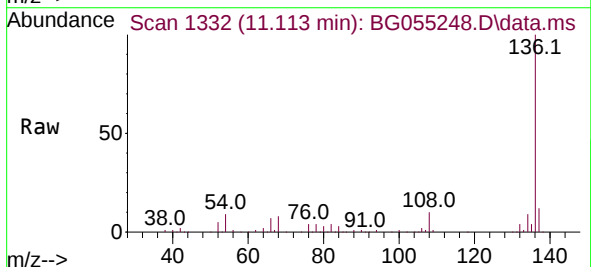
Tgt Ion: 99 Resp: 549139
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.4
71 33.6 27.3 40.9

Manual Integrations
APPROVED

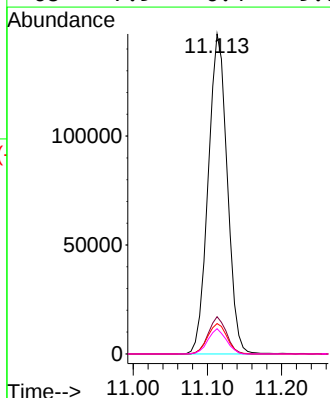
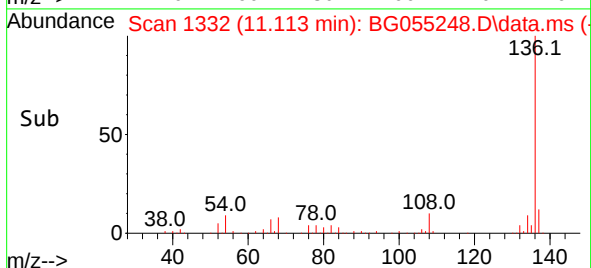
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

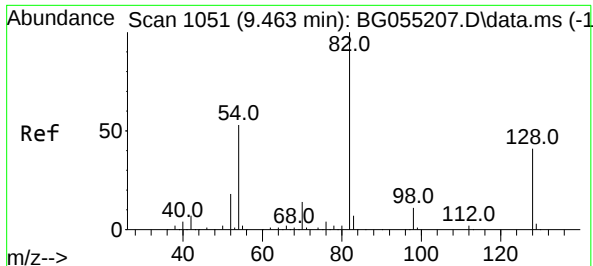


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.113 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38



Tgt Ion:136 Resp: 261818
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 9.5 8.2 12.4
68 7.9 6.4 9.6





#23

Nitrobenzene-d5

Concen: 65.071 ng

RT: 9.456 min Scan# 1050

Delta R.T. -0.007 min

Lab File: BG055248.D

Acq: 22 Oct 2022 00:38

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

Tgt Ion: 82 Resp: 352889

Ion Ratio Lower Upper

82 100

128 40.8 32.3 48.5

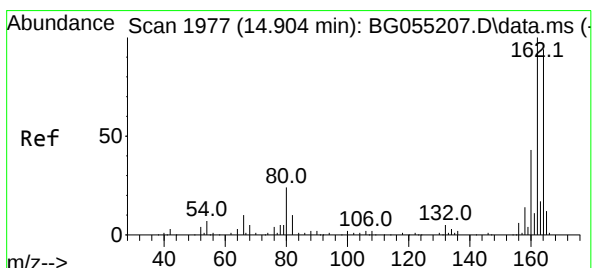
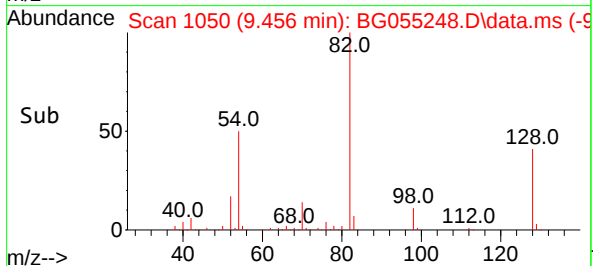
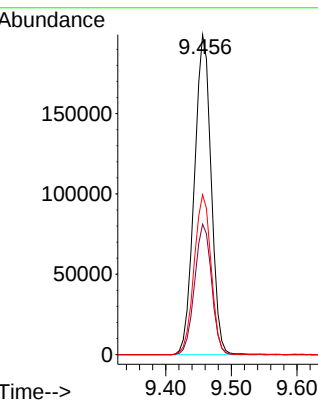
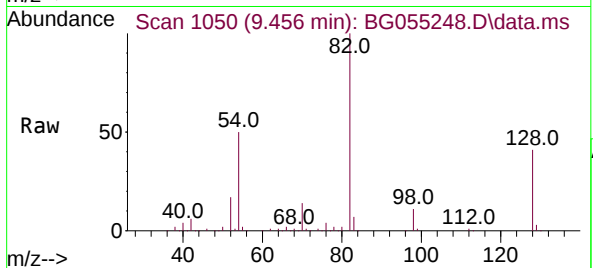
54 50.0 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/24/2022

Supervised By :Jagrut Upadhyay 10/24/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.897 min Scan# 1976

Delta R.T. -0.007 min

Lab File: BG055248.D

Acq: 22 Oct 2022 00:38

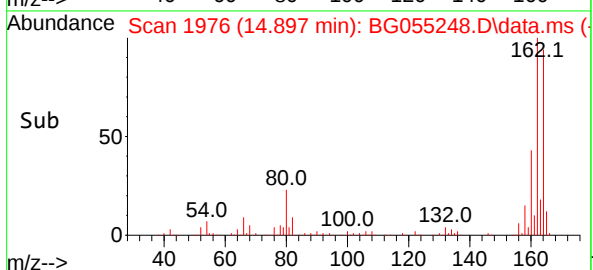
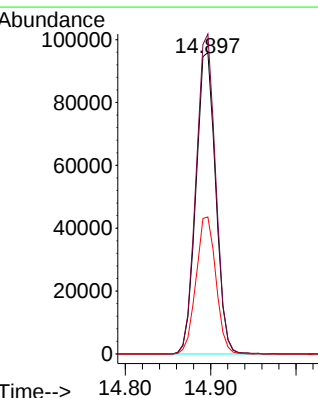
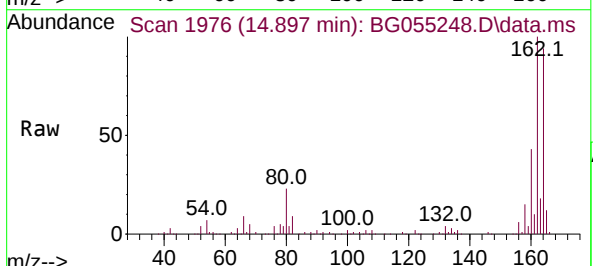
Tgt Ion:164 Resp: 153706

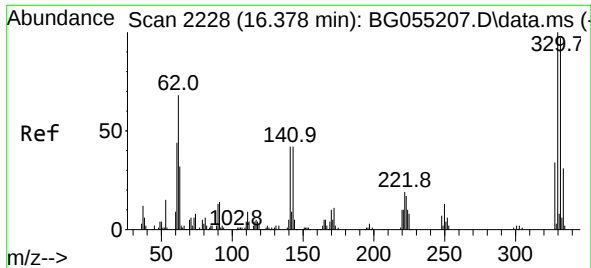
Ion Ratio Lower Upper

164 100

162 106.2 85.2 127.8

160 45.5 36.4 54.6





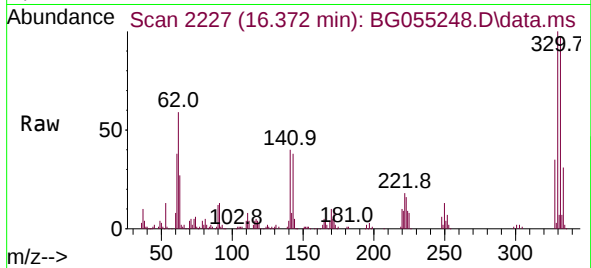
#42
2,4,6-Tribromophenol
Concen: 96.011 ng
RT: 16.372 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

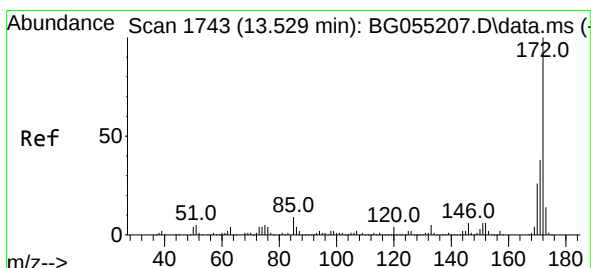
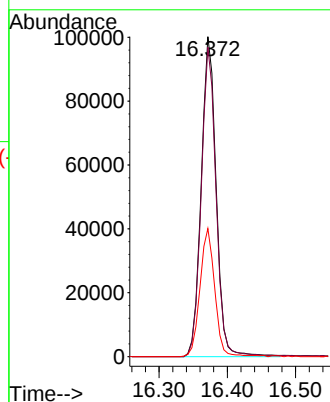
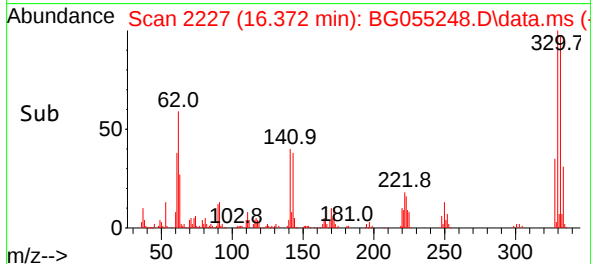


Tgt Ion:330 Resp: 152918
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 39.5 33.5 50.3

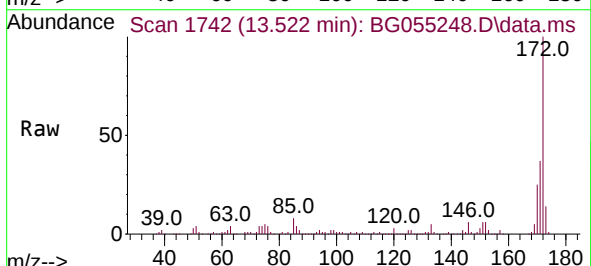
Manual Integrations

APPROVED

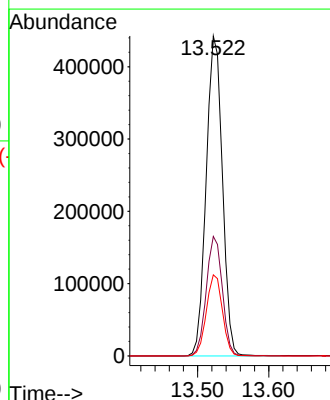
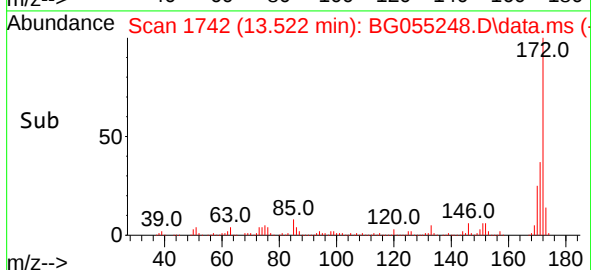
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

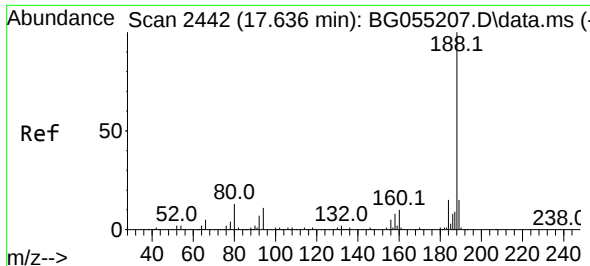


#45
2-Fluorobiphenyl
Concen: 72.550 ng
RT: 13.522 min Scan# 1742
Delta R.T. -0.007 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38



Tgt Ion:172 Resp: 698134
Ion Ratio Lower Upper
172 100
171 37.4 30.3 45.5
170 25.3 20.6 30.8





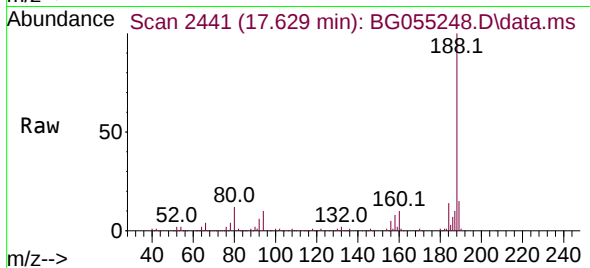
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 2441
Delta R.T. -0.007 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

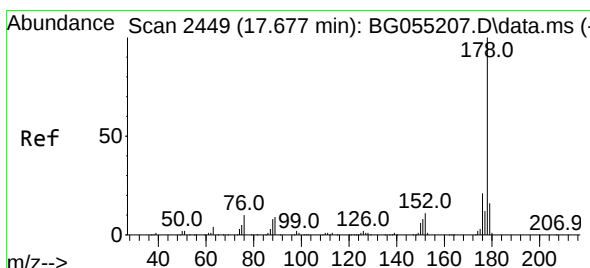
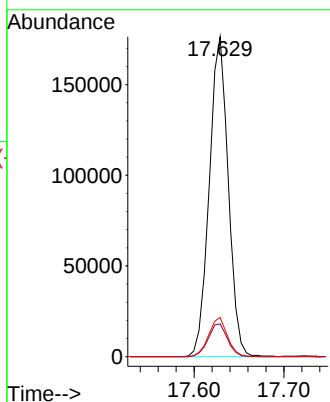
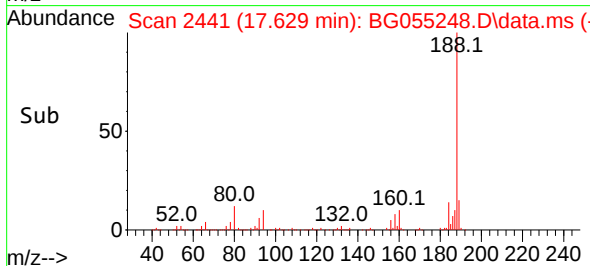


Tgt Ion:188 Resp: 25920
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 12.2 10.4 15.6

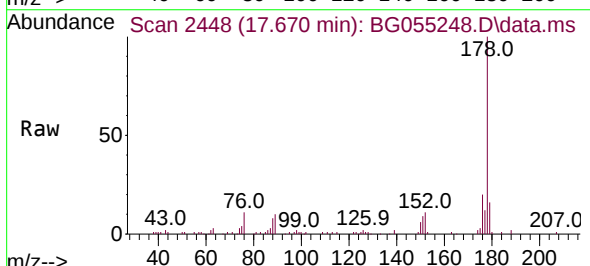
Manual Integrations

APPROVED

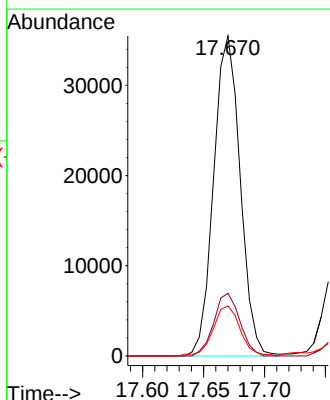
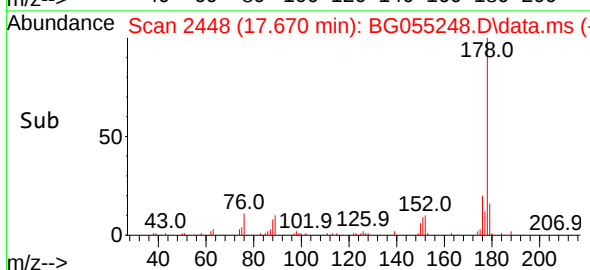
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

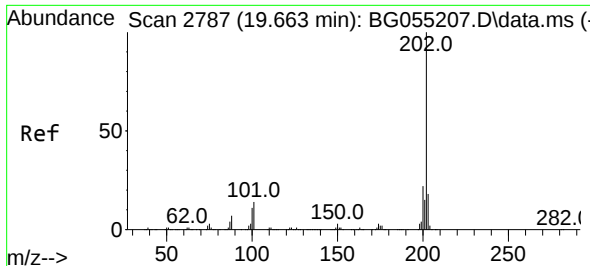


#71
Phenanthrene
Concen: 3.876 ng
RT: 17.670 min Scan# 2448
Delta R.T. -0.007 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38



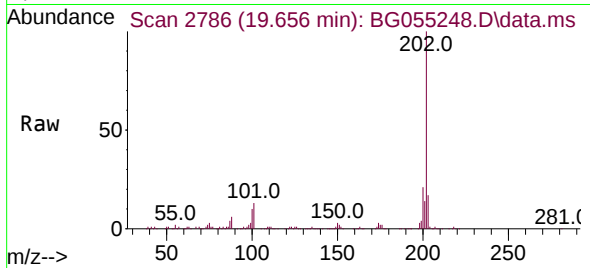
Tgt Ion:178 Resp: 53609
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 15.6 12.8 19.2





#75
Fluoranthene
Concen: 9.545 ng
RT: 19.656 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

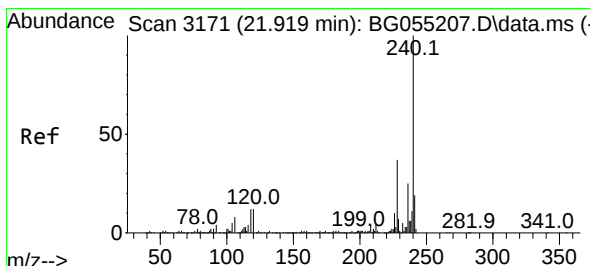
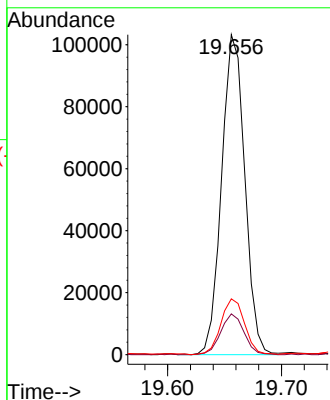
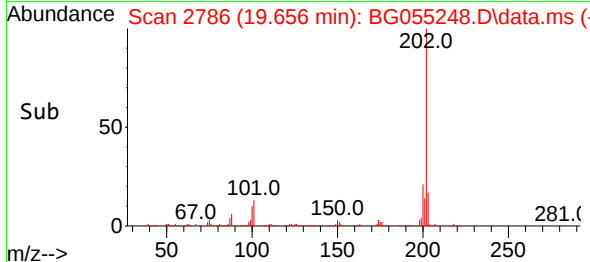
Instrument :
BNA_G
ClientSampleId :
SB-L1-COMP



Tgt Ion:202 Resp: 146242
Ion Ratio Lower Upper
202 100
101 12.7 0.0 34.2
203 17.5 0.0 38.5

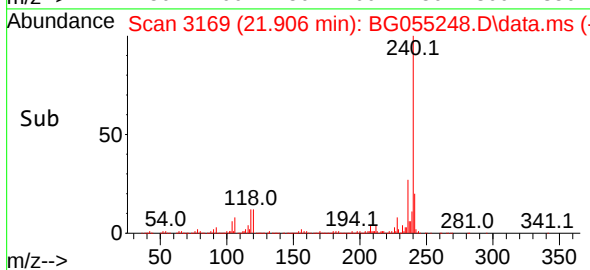
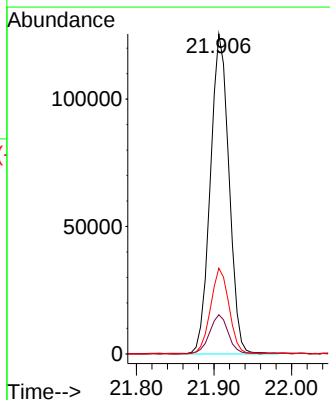
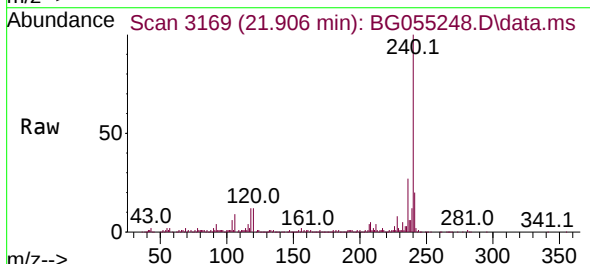
Manual Integrations
APPROVED

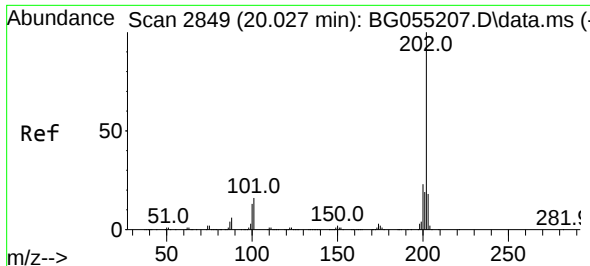
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.906 min Scan# 3169
Delta R.T. -0.013 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

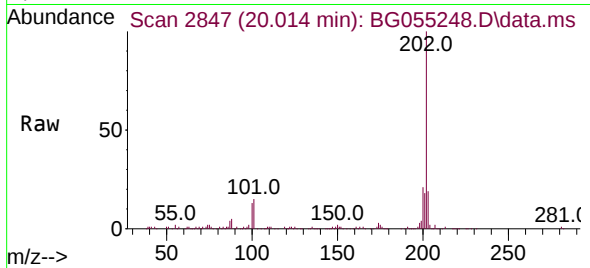
Tgt Ion:240 Resp: 210408
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 26.8 20.4 30.6





#78
 Pyrene
 Concen: 8.387 ng
 RT: 20.014 min Scan# 2849
 Delta R.T. -0.013 min
 Lab File: BG055248.D
 Acq: 22 Oct 2022 00:38

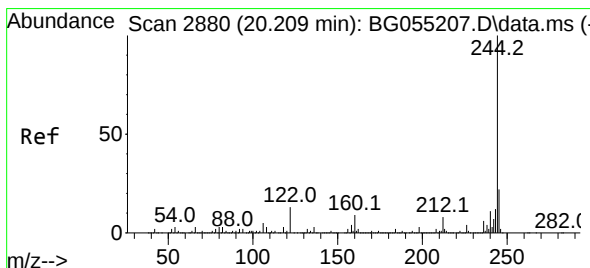
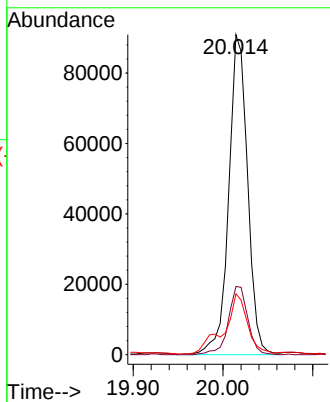
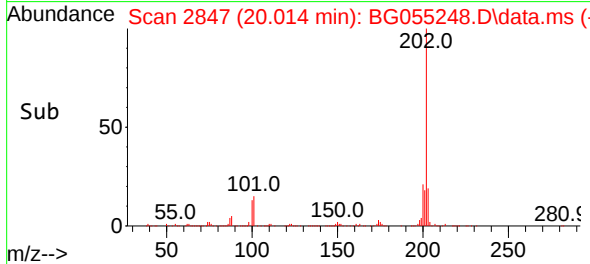
Instrument :
 BNA_G
 ClientSampleId :
 SB-L1-COMP



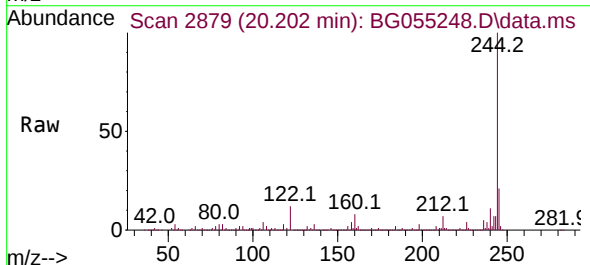
Tgt Ion:202 Resp: 13297
 Ion Ratio Lower Upper
 202 100
 200 21.3 18.2 27.2
 203 19.0 14.6 22.0

Manual Integrations
 APPROVED

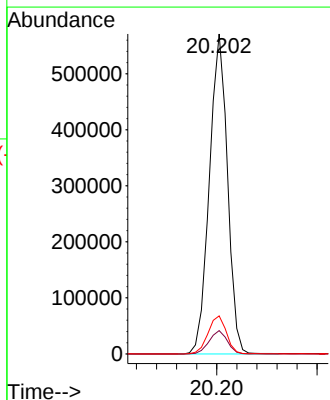
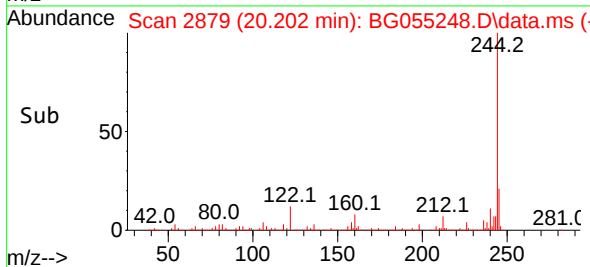
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

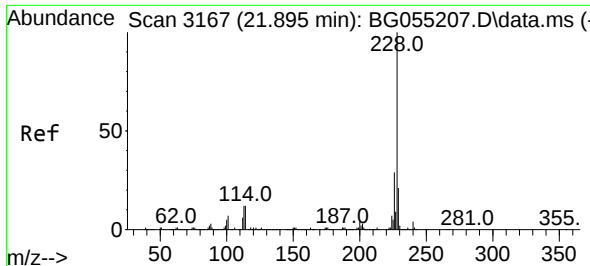


#79
 Terphenyl-d14
 Concen: 63.327 ng
 RT: 20.202 min Scan# 2879
 Delta R.T. -0.007 min
 Lab File: BG055248.D
 Acq: 22 Oct 2022 00:38



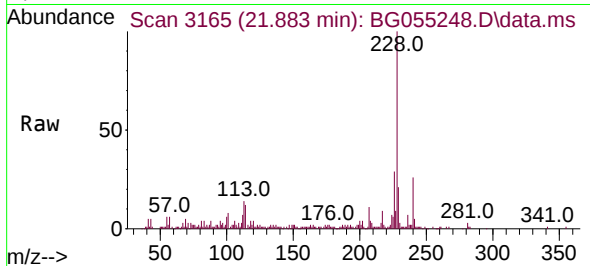
Tgt Ion:244 Resp: 715100
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.9 10.0 15.0





#81
Benzo(a)anthracene
Concen: 5.162 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.013 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

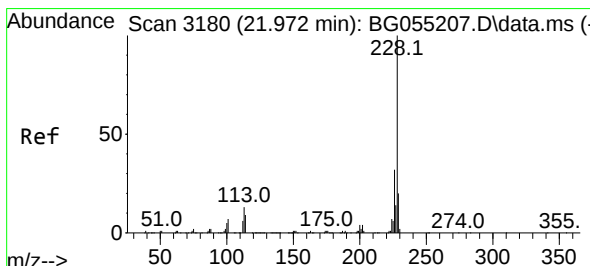
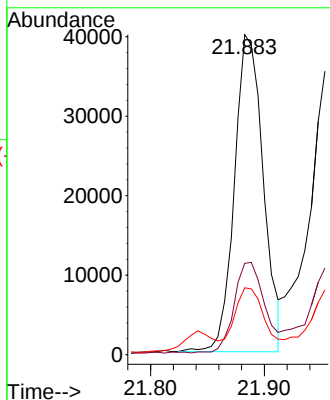
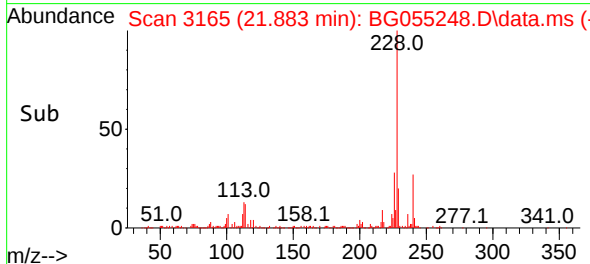
Instrument :
BNA_G
ClientSampleId :
SB-L1-COMP



Tgt Ion:228 Resp: 70456
Ion Ratio Lower Upper
228 100
226 28.5 23.1 34.7
229 20.9 16.5 24.7

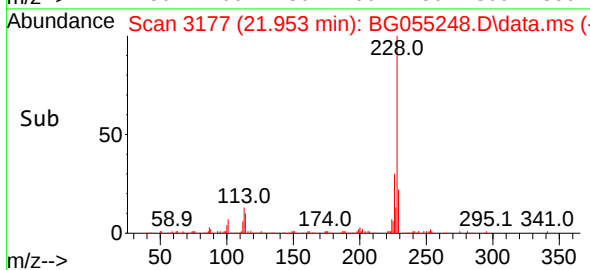
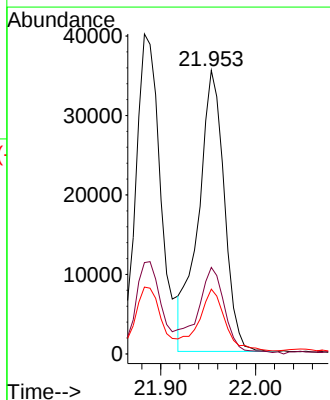
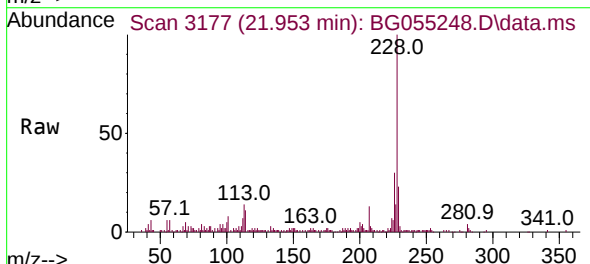
Manual Integrations
APPROVED

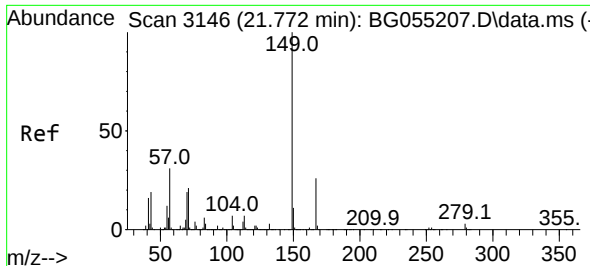
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#83
Chrysene
Concen: 5.290 ng
RT: 21.953 min Scan# 3177
Delta R.T. -0.019 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

Tgt Ion:228 Resp: 67232
Ion Ratio Lower Upper
228 100
226 30.5 25.4 38.2
229 22.9 15.8 23.8





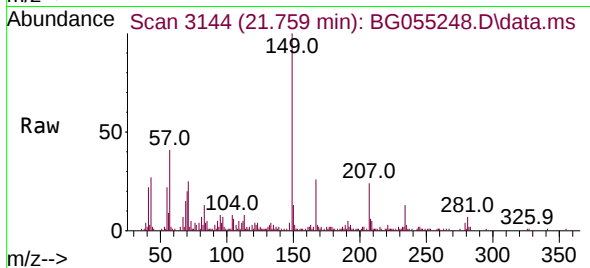
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.879 ng
 RT: 21.759 min Scan# 3144
 Delta R.T. -0.013 min
 Lab File: BG055248.D
 Acq: 22 Oct 2022 00:38

Instrument :

BNA_G

ClientSampleId :

SB-L1-COMP

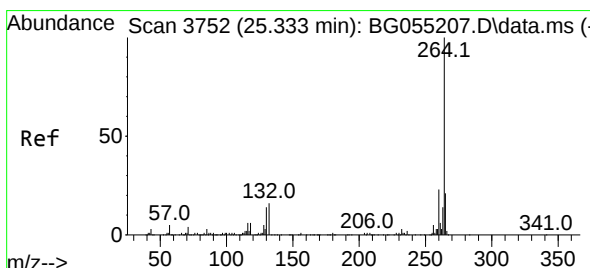
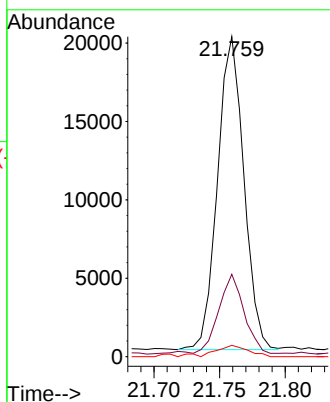
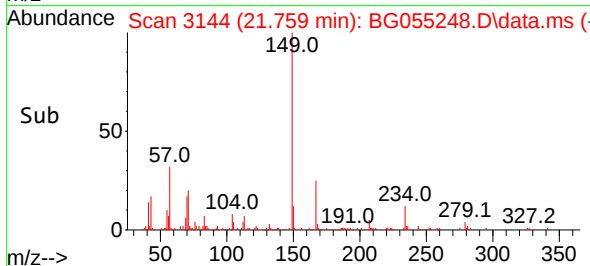


Tgt Ion:149 Resp: 27912
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.6 31.0
 279 3.5 2.6 4.0

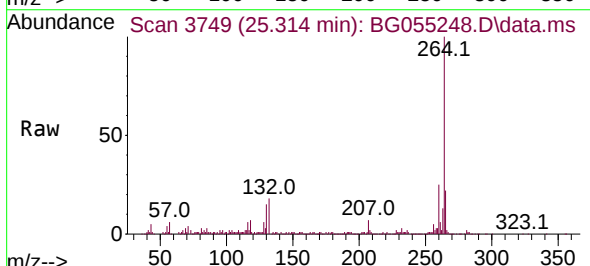
Manual Integrations

APPROVED

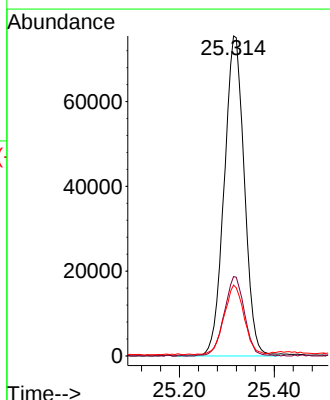
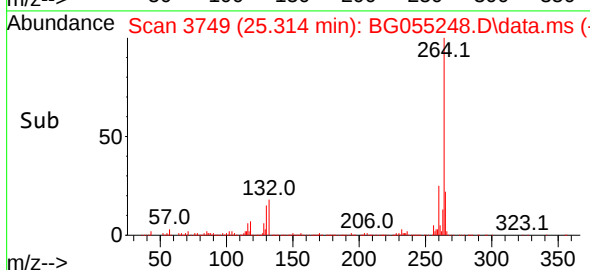
Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

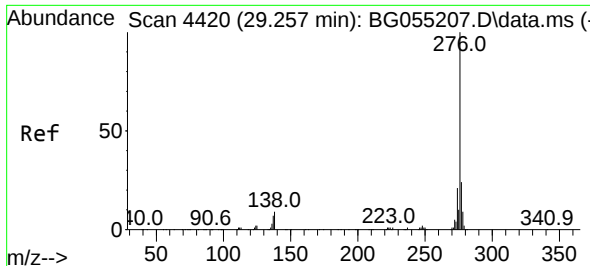


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.314 min Scan# 3749
 Delta R.T. -0.019 min
 Lab File: BG055248.D
 Acq: 22 Oct 2022 00:38



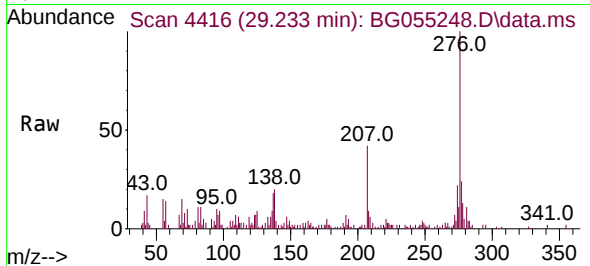
Tgt Ion:264 Resp: 222097
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.6 27.8
 265 22.1 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 3.591 ng
RT: 29.233 min Scan# 4416
Delta R.T. -0.025 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

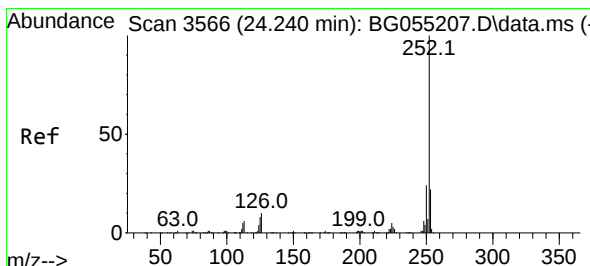
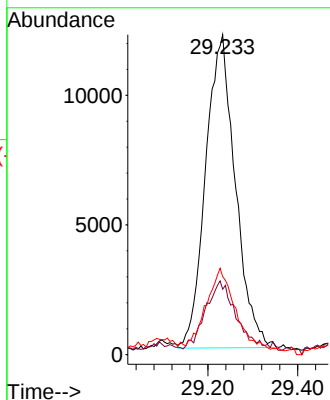
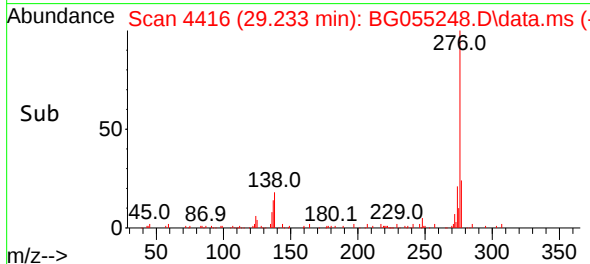
Instrument :
BNA_G
ClientSampleId :
SB-L1-COMP



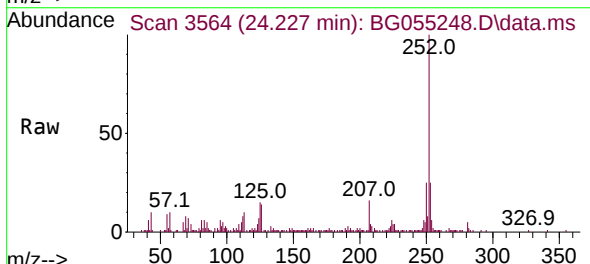
Tgt Ion:276 Resp: 55478
Ion Ratio Lower Upper
276 100
138 21.8 9.5 14.3#
277 26.5 20.5 30.7

Manual Integrations
APPROVED

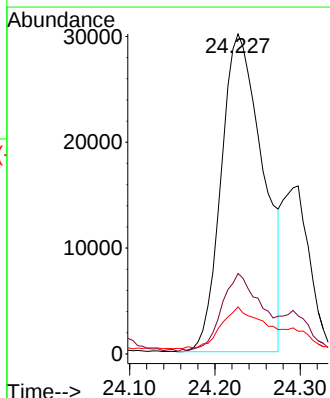
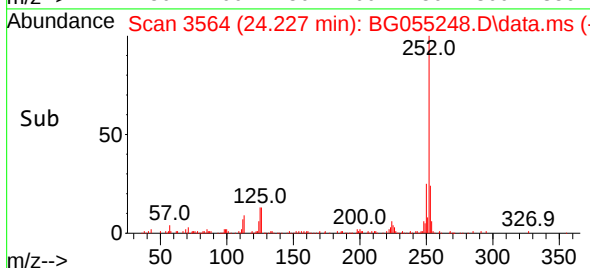
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022

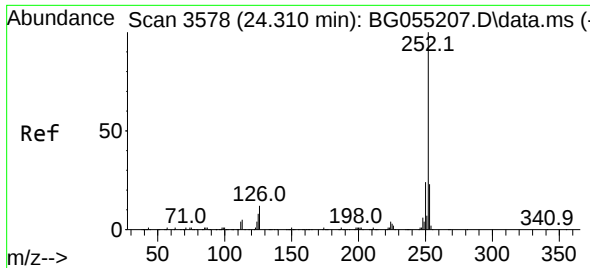


#88
Benzo(b)fluoranthene
Concen: 7.741 ng
RT: 24.227 min Scan# 3564
Delta R.T. -0.013 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38



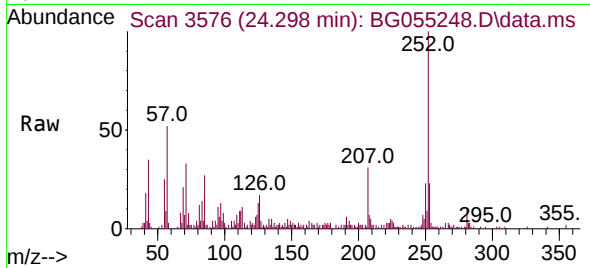
Tgt Ion:252 Resp: 102100
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 14.7 6.2 9.2#





#89
Benzo(k)fluoranthene
Concen: 2.593 ng m
RT: 24.298 min Scan# 3578
Delta R.T. -0.013 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

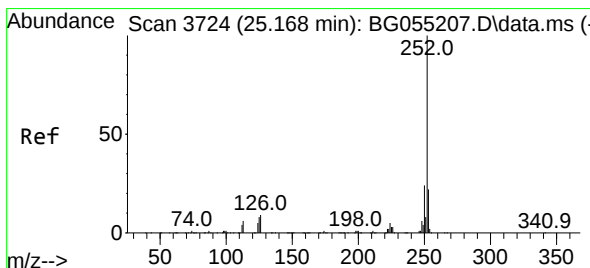
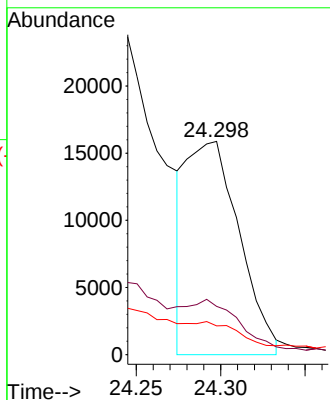
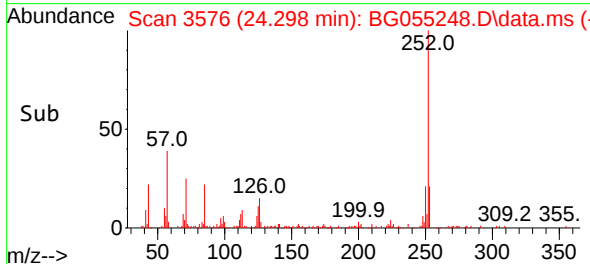
Instrument :
BNA_G
ClientSampleId :
SB-L1-COMP



Tgt Ion:252 Resp: 34639
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 13.5 6.5 9.7

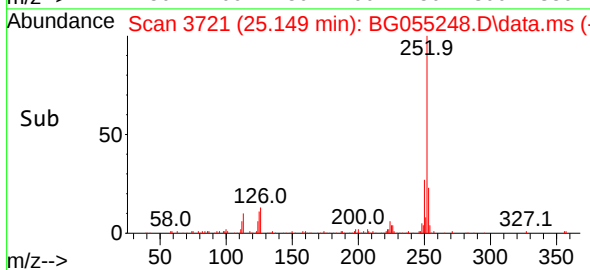
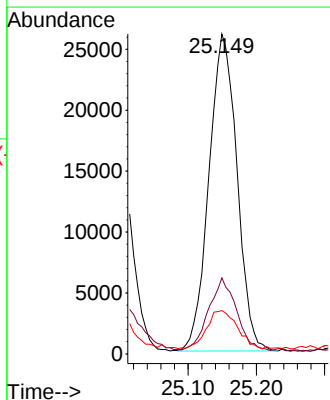
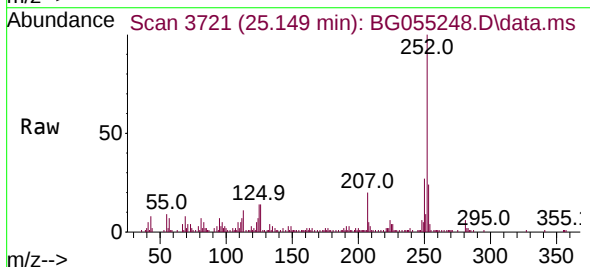
Manual Integrations
APPROVED

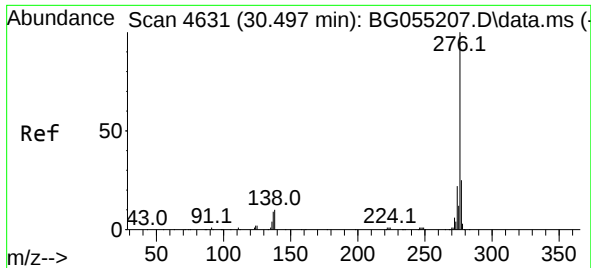
Reviewed By :Christian Giraldo 10/24/2022
Supervised By :Jagrut Upadhyay 10/24/2022



#90
Benzo(a)pyrene
Concen: 6.548 ng
RT: 25.149 min Scan# 3721
Delta R.T. -0.019 min
Lab File: BG055248.D
Acq: 22 Oct 2022 00:38

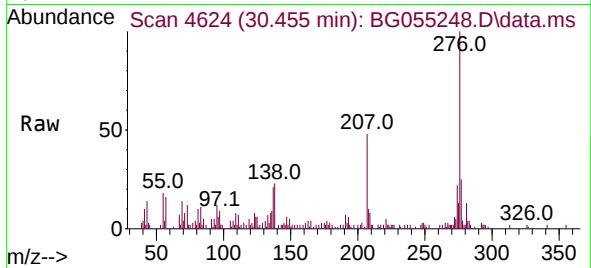
Tgt Ion:252 Resp: 74123
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.2
125 13.5 6.2 9.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.788 ng
 RT: 30.455 min Scan# 4624
 Delta R.T. -0.042 min
 Lab File: BG055248.D
 Acq: 22 Oct 2022 00:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-L1-COMP



Tgt Ion:276 Resp: 58698
 Ion Ratio Lower Upper
 276 100
 277 25.0 19.7 29.5
 138 23.1 8.0 12.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/24/2022
 Supervised By :Jagrut Upadhyay 10/24/2022

