

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055597.D
 Acq On : 12 Nov 2022 20:08
 Operator : CG/JU
 Sample : N5583-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022

Quant Time: Nov 14 03:30:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 11/14/2022
 Supervised By : Jagrut Upadhyay 11/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	72446	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	299587	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	200315	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	419994	20.000	ng	0.00
76) Chrysene-d12	21.931	240	386248	20.000	ng	0.00
86) Perylene-d12	25.362	264	420932	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	257667	67.745	ng	0.00
7) Phenol-d6	7.407	99	340263	64.764	ng	0.00
23) Nitrobenzene-d5	9.440	82	206067	46.630	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	148950	76.209	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	501449	37.760	ng	0.00
79) Terphenyl-d14	20.221	244	743852	38.682	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.671	178	145871	6.462	ng	98
75) Fluoranthene	19.669	202	237068	8.807	ng	100
78) Pyrene	20.033	202	265364	10.151	ng	98
81) Benzo(a)anthracene	21.913	228	143831	5.437	ng	98
83) Chrysene	21.978	228	148607m	5.907	ng	
87) Indeno(1,2,3-cd)pyrene	29.304	276	81070	2.529	ng	95
88) Benzo(b)fluoranthene	24.263	252	200935	7.534	ng	96
89) Benzo(k)fluoranthene	24.334	252	68591m	2.516	ng	
90) Benzo(a)pyrene	25.198	252	144632	6.295	ng	# 94
92) Benzo(g,h,i)perylene	30.544	276	70601m	2.721	ng	

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

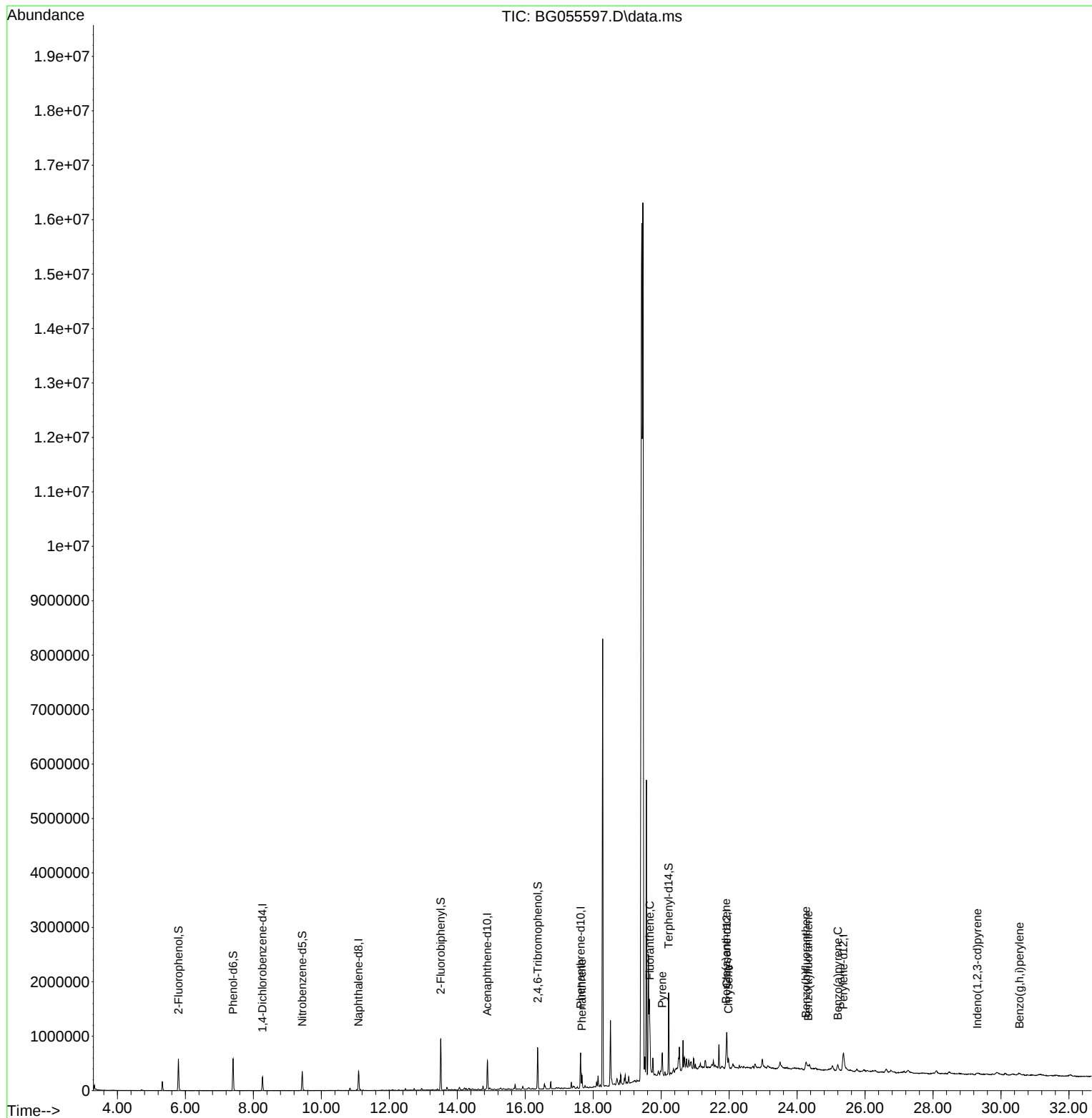
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055597.D
Acq On : 12 Nov 2022 20:08
Operator : CG/JU
Sample : N5583-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

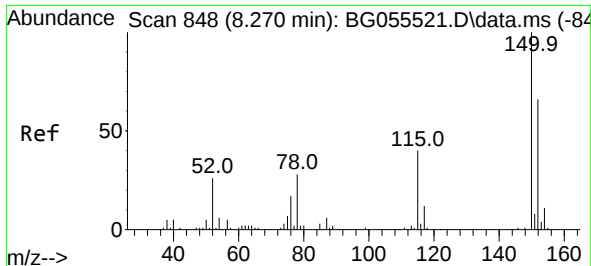
Instrument :
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NB-08-111022

Quant Time: Nov 14 03:30:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
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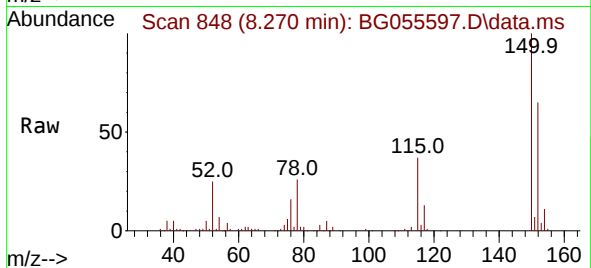
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 848
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

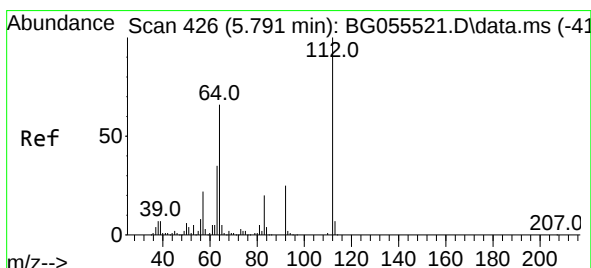
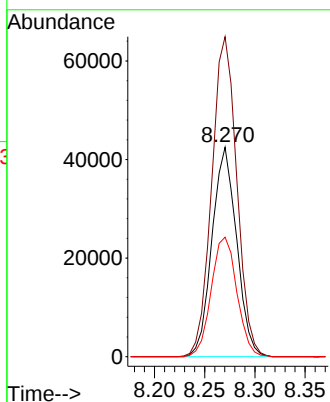
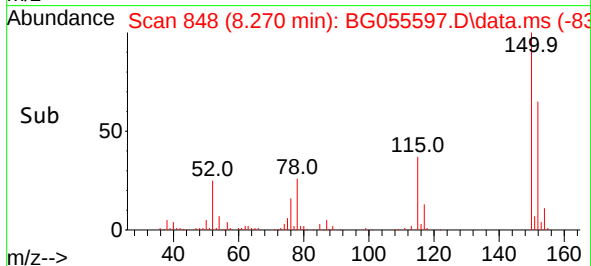
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BNA_G
ClientSampleId :
NB-08-111022



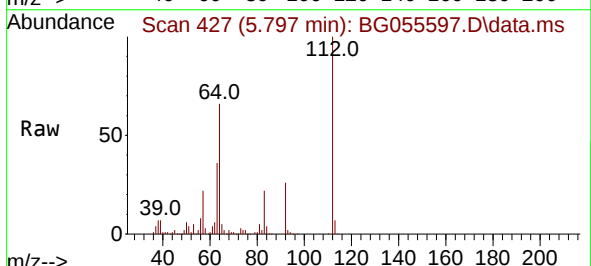
Tgt Ion:152 Resp: 72440
Ion Ratio Lower Upper
152 100
150 152.8 121.0 181.4
115 57.1 47.8 71.8

Manual Integrations
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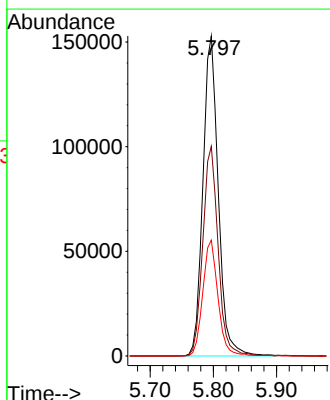
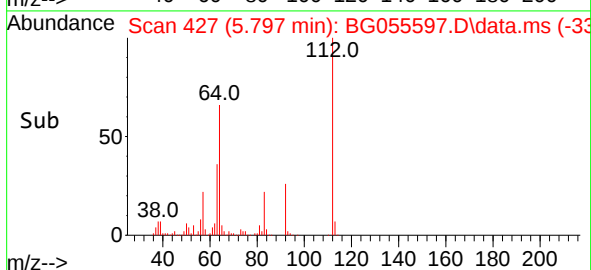
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#5
2-Fluorophenol
Concen: 67.745 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08



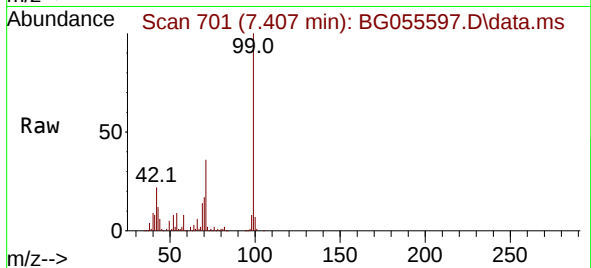
Tgt Ion:112 Resp: 257667
Ion Ratio Lower Upper
112 100
64 65.5 52.6 78.8
63 36.2 28.3 42.5





#7
Phenol-d6
Concen: 64.764 ng
RT: 7.407 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

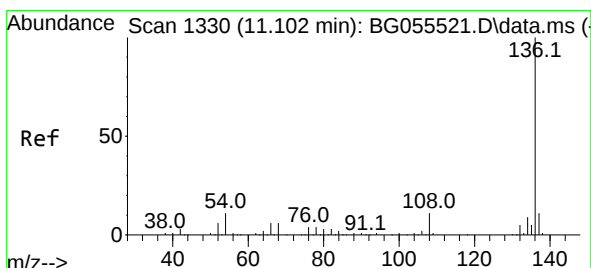
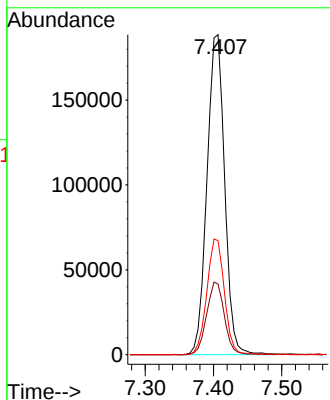
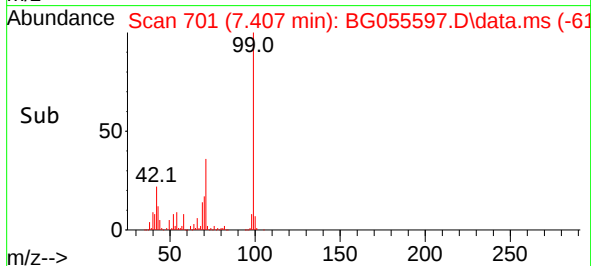
Instrument :
BNA_G
ClientSampleId :
NB-08-111022



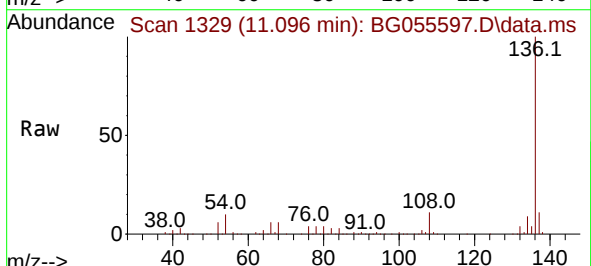
Tgt Ion: 99 Resp: 34026
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 35.7 28.3 42.5

Manual Integrations
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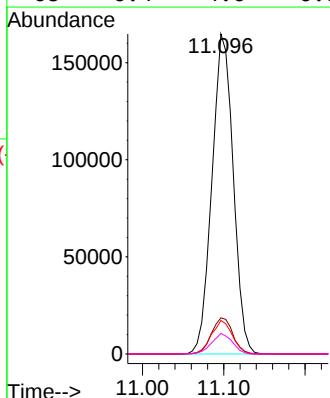
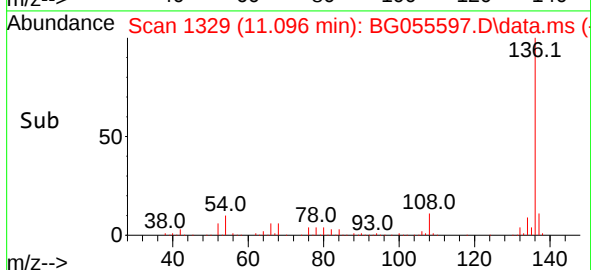
Reviewed By :Christian Giraldo 11/14/2022
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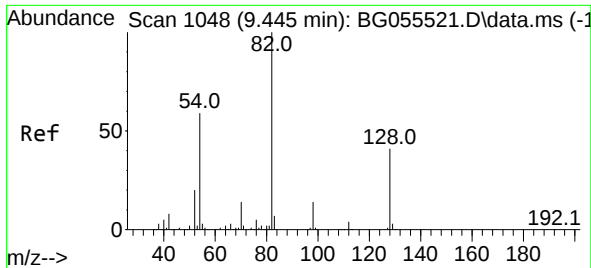


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08



Tgt Ion:136 Resp: 299587
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.5 8.6 12.8
68 6.4 4.6 6.8





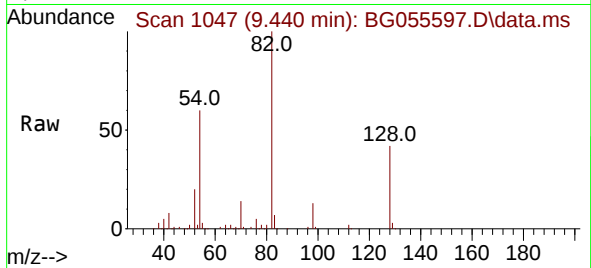
#23
Nitrobenzene-d5
Concen: 46.630 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

NB-08-111022

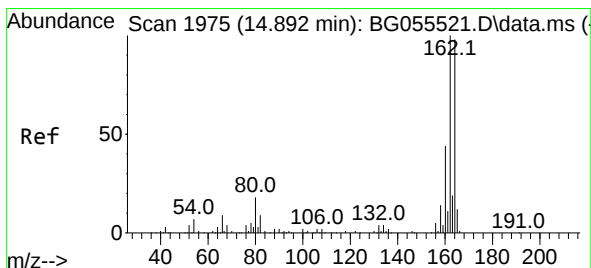
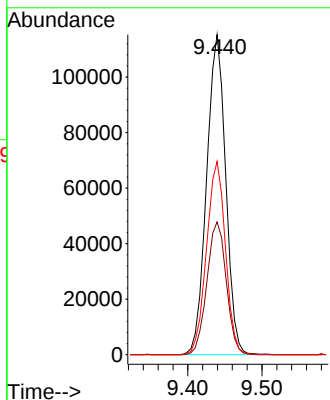
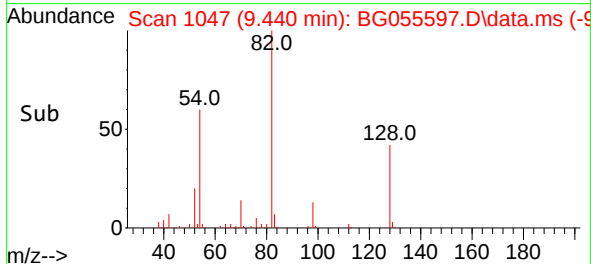


Tgt Ion: 82 Resp: 20606
Ion Ratio Lower Upper
82 100
128 41.5 32.6 49.0
54 60.4 47.3 70.9

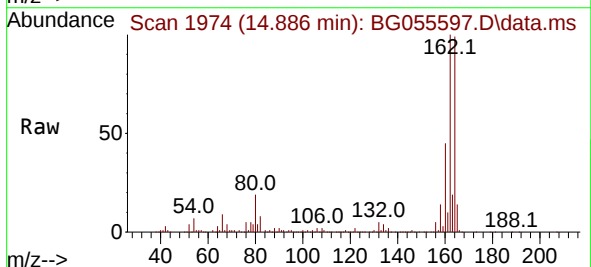
Manual Integrations

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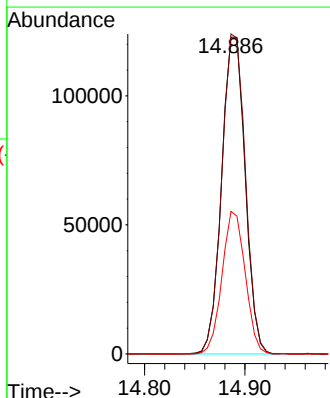
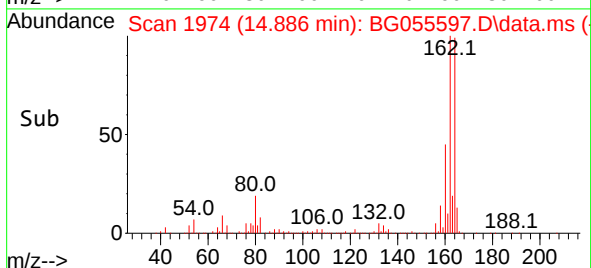
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

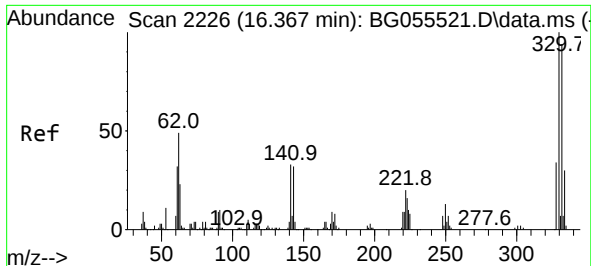


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08



Tgt Ion:164 Resp: 200315
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.0 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 76.209 ng
RT: 16.367 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

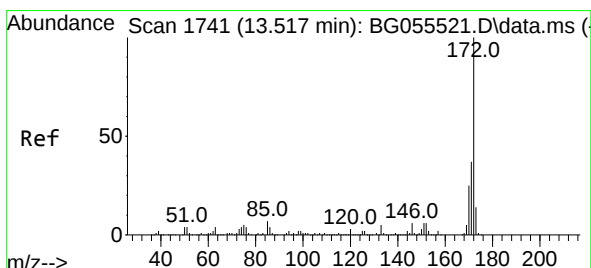
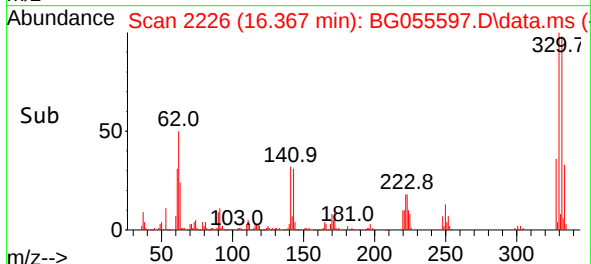
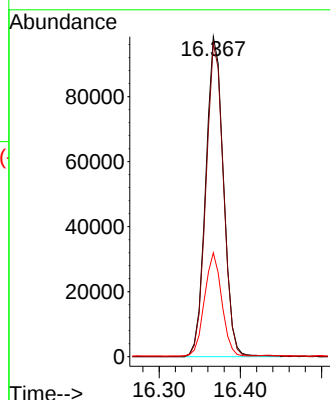
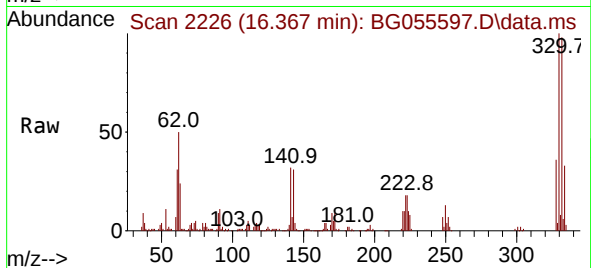
NB-08-111022

Tgt Ion:330 Resp: 148950
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 31.3 25.4 38.2

Manual Integrations

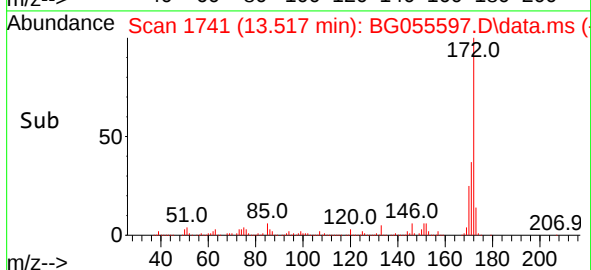
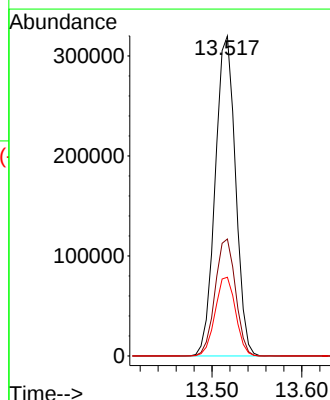
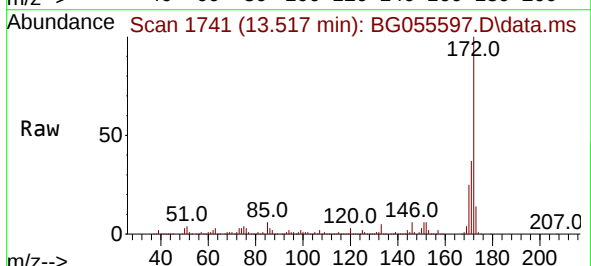
APPROVED

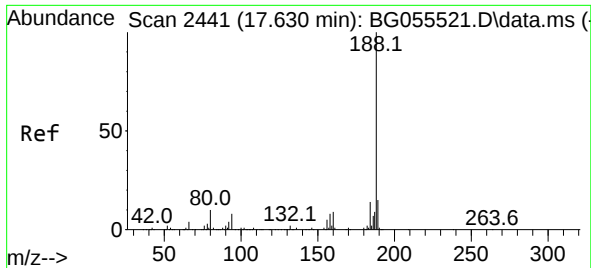
Reviewed By :Christian Giraldo 11/14/2022
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#45
2-Fluorobiphenyl
Concen: 37.760 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

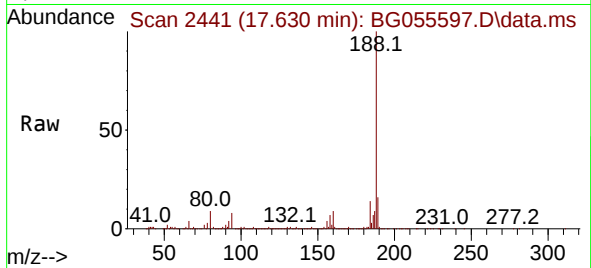
Tgt Ion:172 Resp: 501449
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.8 29.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

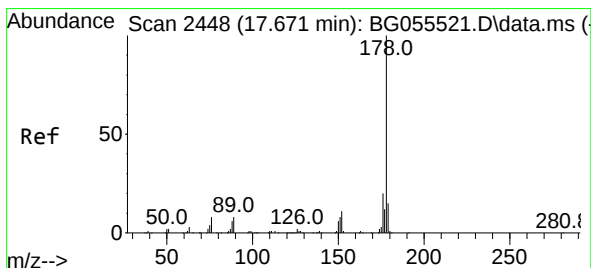
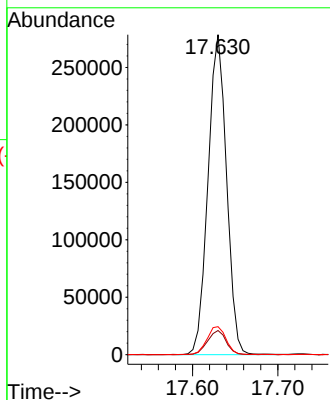
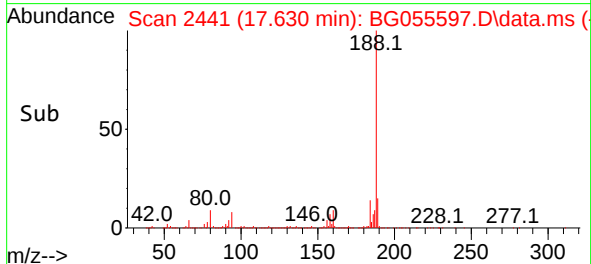
Instrument :
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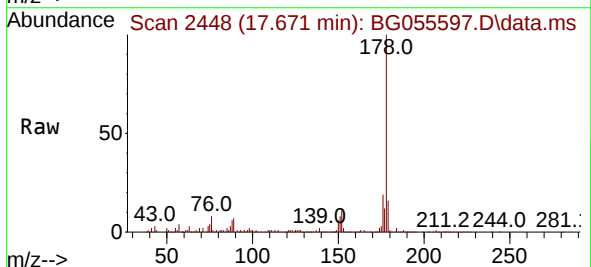
Tgt Ion:188 Resp: 419994
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.7 7.6 11.4

Manual Integrations
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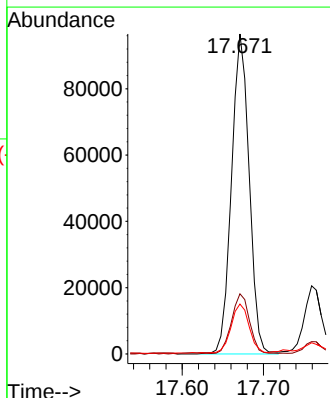
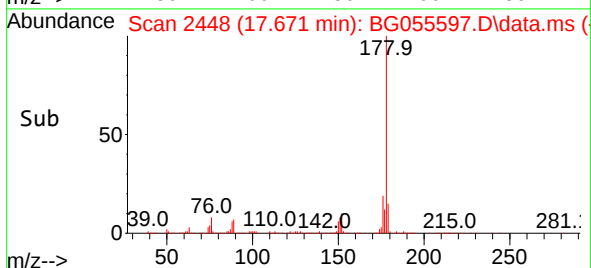
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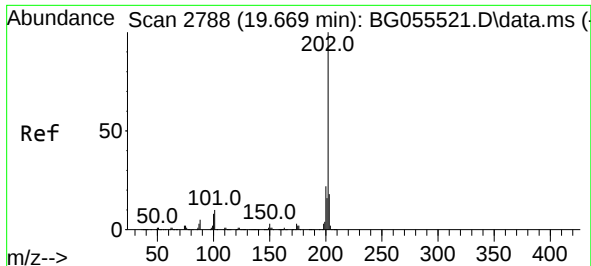


#71
Phenanthrene
Concen: 6.462 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08



Tgt Ion:178 Resp: 145871
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.6 12.2 18.4





#75
Fluoranthene
Concen: 8.807 ng
RT: 19.669 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

NB-08-111022

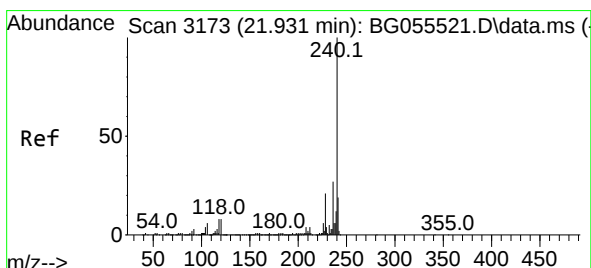
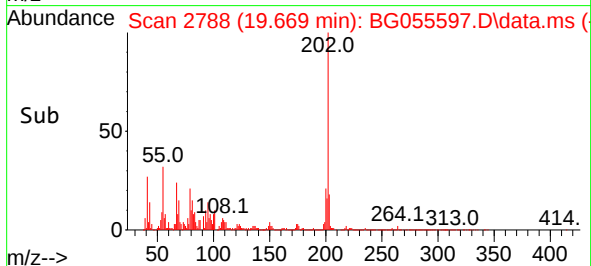
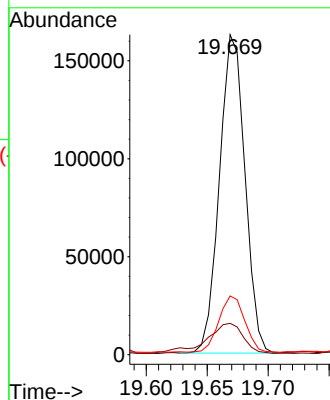
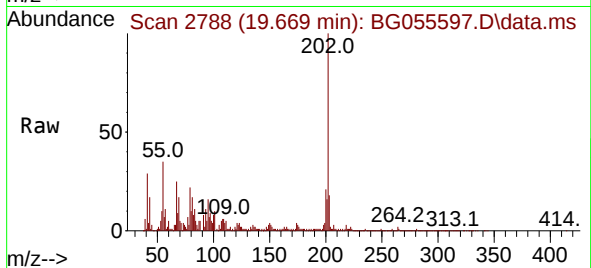
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Ion Ratio Lower Upper
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101 9.8 0.0 29.8
203 18.3 0.0 38.2

Manual Integrations

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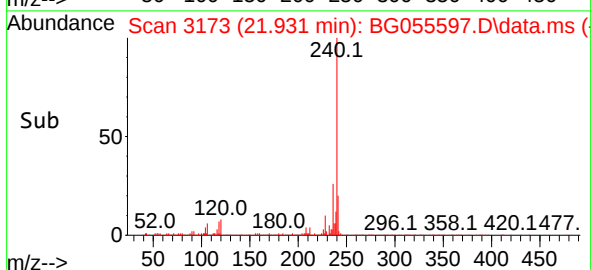
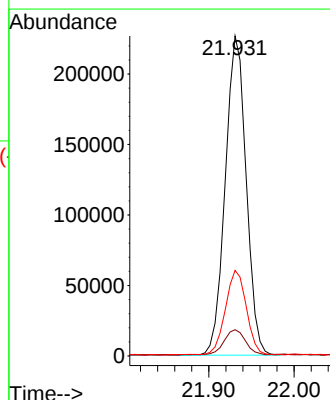
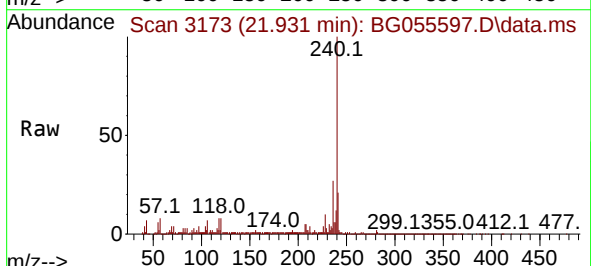
Reviewed By :Christian Giraldo 11/14/2022

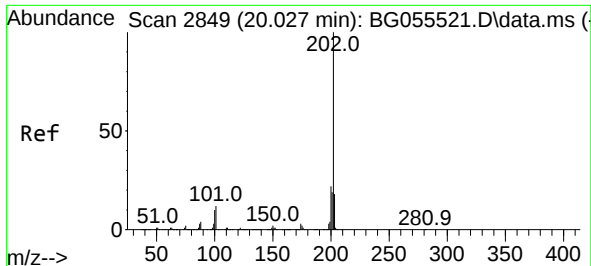
Supervised By :Jagrut Upadhyay 11/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

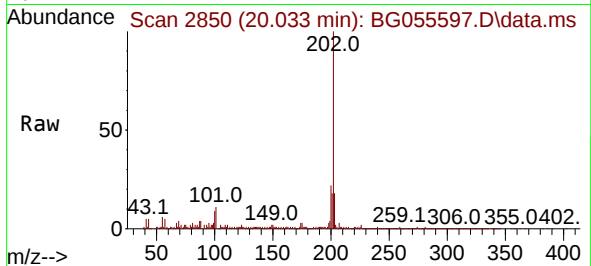
Tgt Ion:240 Resp: 386248
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 26.8 21.4 32.0





#78
 Pyrene
 Concen: 10.151 ng
 RT: 20.033 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055597.D
 Acq: 12 Nov 2022 20:08

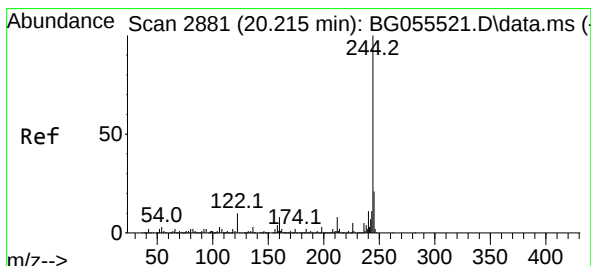
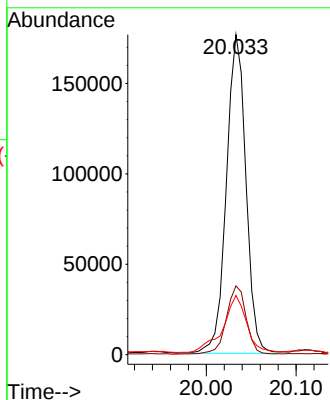
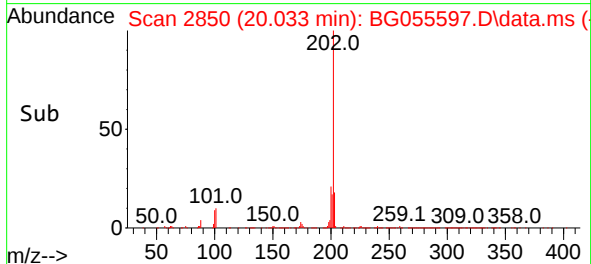
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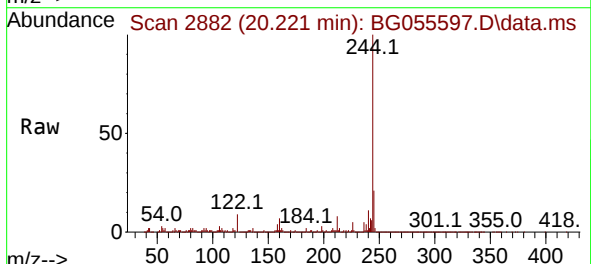
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 Ion Ratio Lower Upper
 202 100
 200 21.5 18.0 27.0
 203 18.5 14.2 21.2

Manual Integrations
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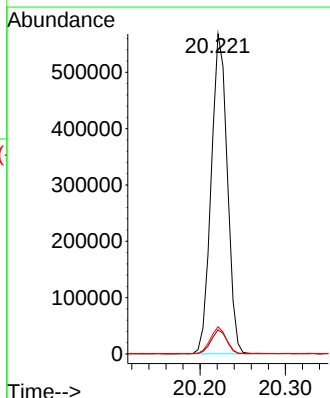
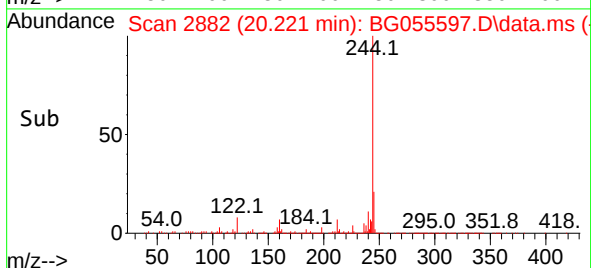
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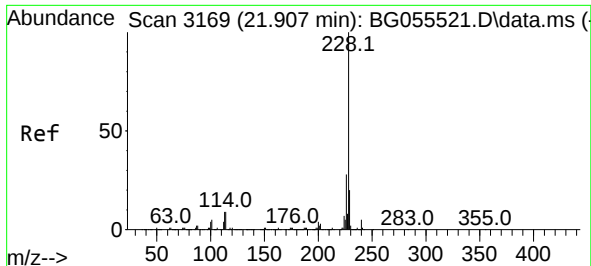


#79
 Terphenyl-d14
 Concen: 38.682 ng
 RT: 20.221 min Scan# 2882
 Delta R.T. 0.006 min
 Lab File: BG055597.D
 Acq: 12 Nov 2022 20:08



Tgt Ion:244 Resp: 743852
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.5 7.7 11.5





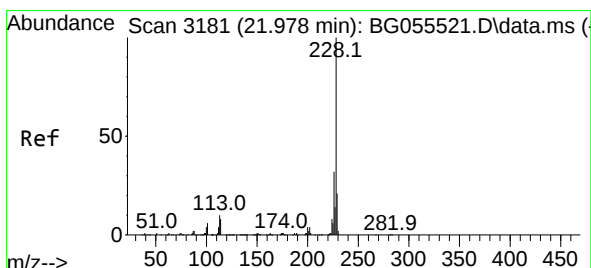
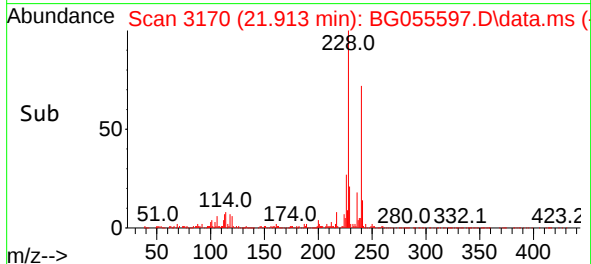
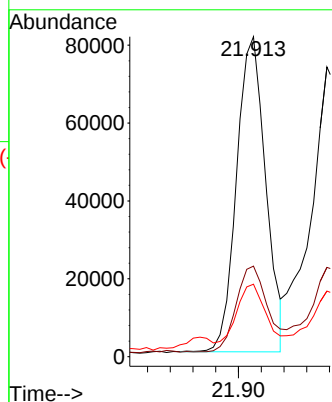
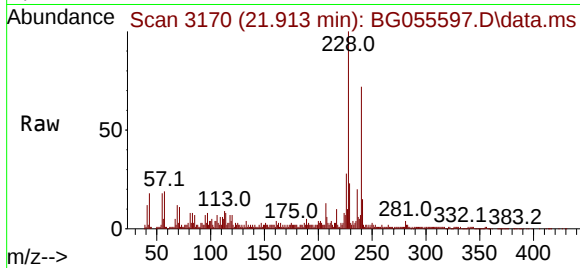
#81
Benzo(a)anthracene
Concen: 5.437 ng
RT: 21.913 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :
BNA_G
ClientSampleId :
NB-08-111022

Tgt Ion:228 Resp: 14383
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 22.6 16.1 24.1

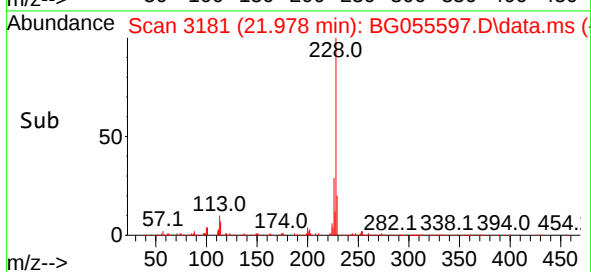
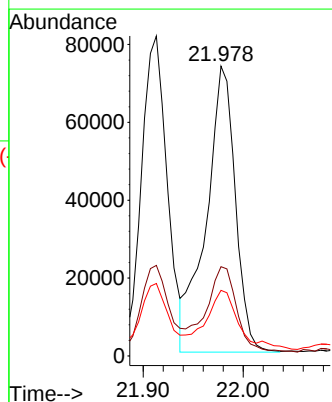
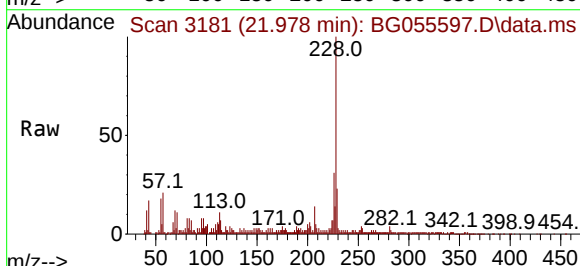
Manual Integrations
APPROVED

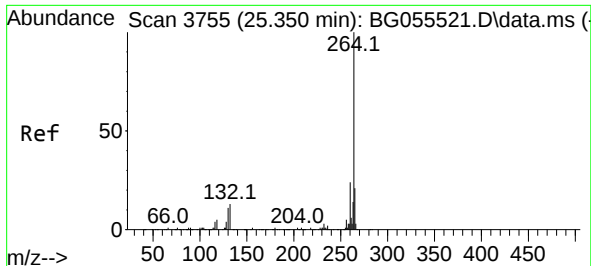
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#83
Chrysene
Concen: 5.907 ng m
RT: 21.978 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

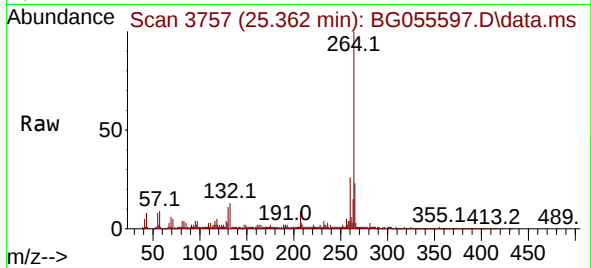
Tgt Ion:228 Resp: 148607
Ion Ratio Lower Upper
228 100
226 30.8 25.7 38.5
229 22.6 16.6 25.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.362 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

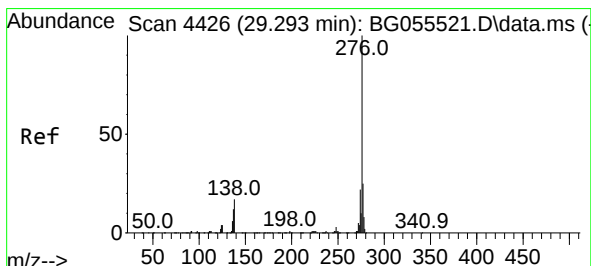
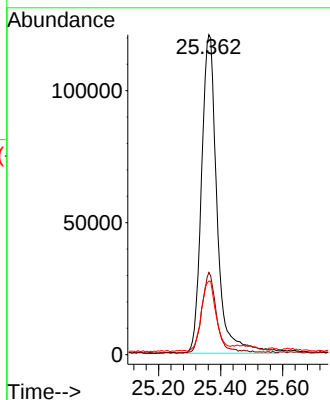
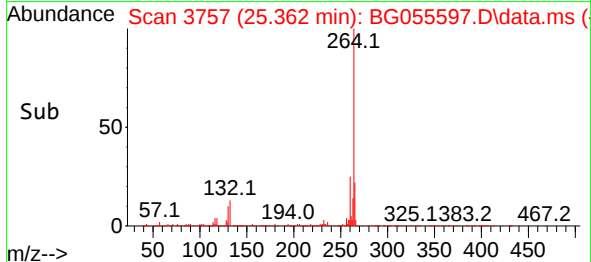
Instrument :
BNA_G
ClientSampleId :
NB-08-111022



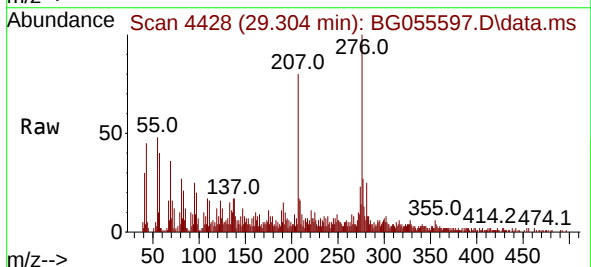
Tgt Ion:264 Resp: 42093
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 23.0 17.1 25.7

Manual Integrations
APPROVED

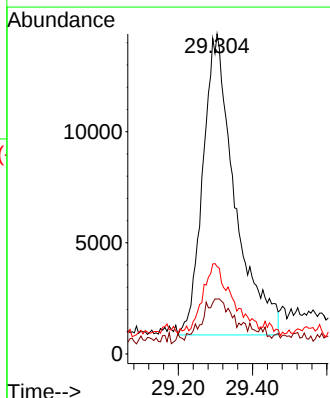
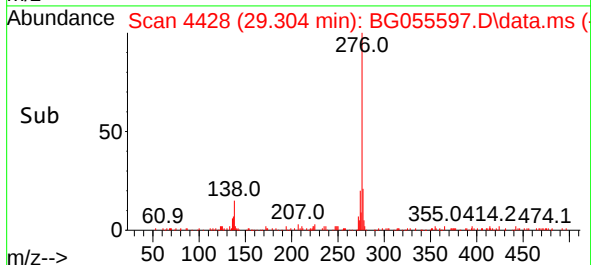
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

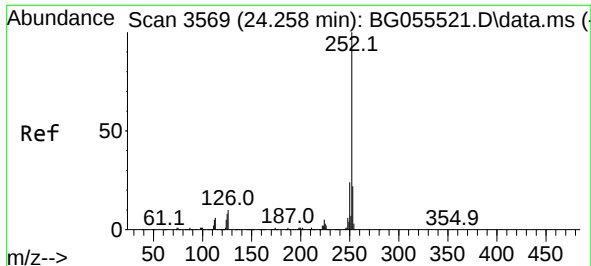


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.529 ng
RT: 29.304 min Scan# 4428
Delta R.T. 0.011 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08



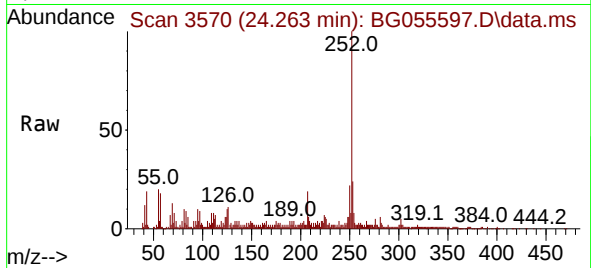
Tgt Ion:276 Resp: 81070
Ion Ratio Lower Upper
276 100
138 12.3 11.5 17.3
277 23.3 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 7.534 ng
RT: 24.263 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

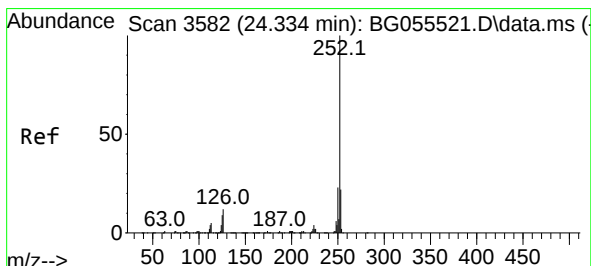
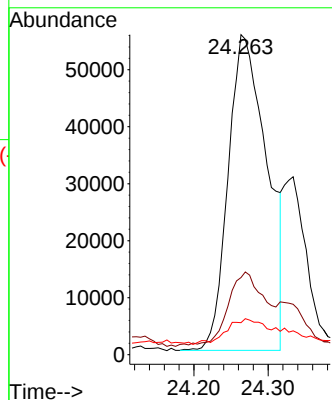
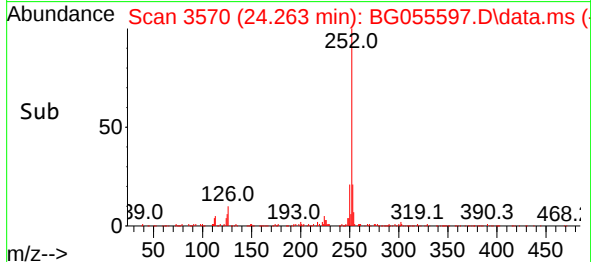
Instrument :
BNA_G
ClientSampleId :
NB-08-111022



Tgt Ion:252 Resp: 200935
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 10.0 6.7 10.1

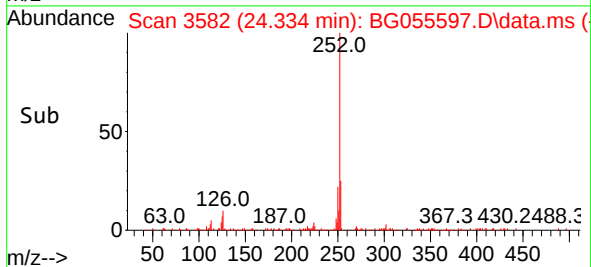
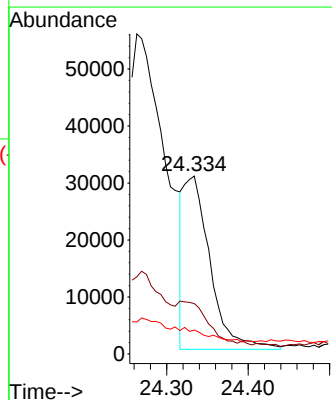
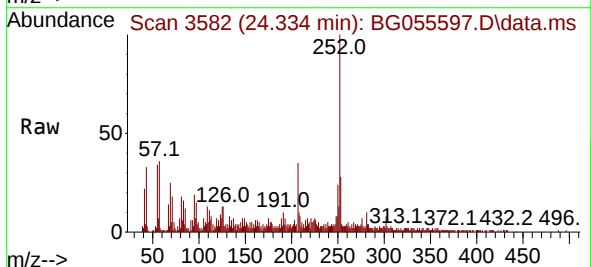
Manual Integrations
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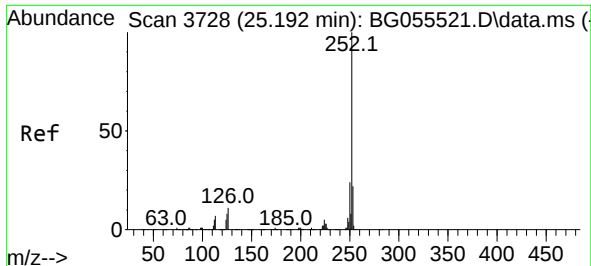
Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#89
Benzo(k)fluoranthene
Concen: 2.516 ng m
RT: 24.334 min Scan# 3582
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:252 Resp: 68591
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.8#
125 13.4 6.9 10.3#





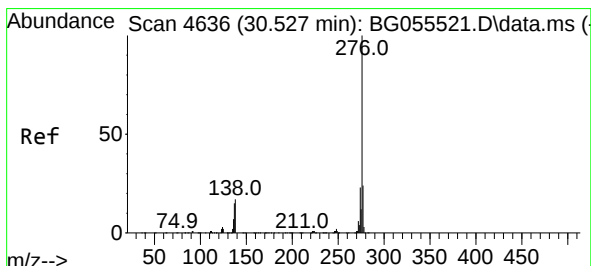
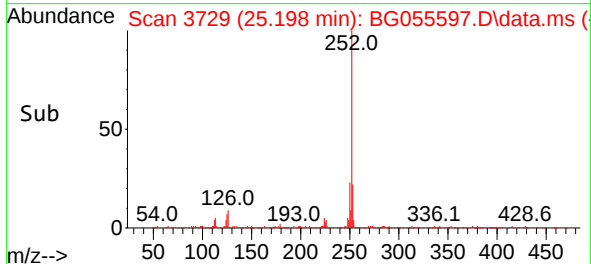
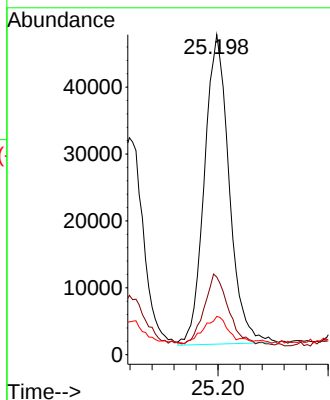
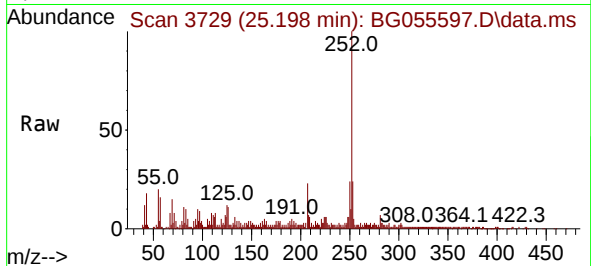
#90
Benzo(a)pyrene
Concen: 6.295 ng
RT: 25.198 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :
BNA_G
ClientSampleId :
NB-08-111022

Tgt Ion:252 Resp: 14463
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 12.0 6.7 10.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022



#92
Benzo(g,h,i)perylene
Concen: 2.721 ng m
RT: 30.544 min Scan# 4639
Delta R.T. 0.017 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:276 Resp: 70601
Ion Ratio Lower Upper
276 100
277 29.2 19.3 28.9#
138 18.2 13.9 20.9

