

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056305.D
 Acq On : 16 Jan 2023 20:54
 Operator : CG/JU
 Sample : 01161-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILE

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023

Quant Time: Jan 17 05:27:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

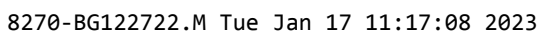
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

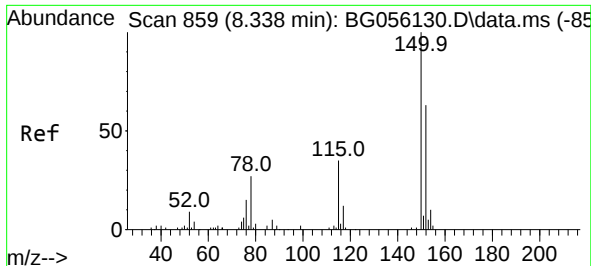
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.326	152	51645	20.000	ng	0.00
21) Naphthalene-d8	11.158	136	190010	20.000	ng	# 0.00
39) Acenaphthene-d10	14.930	164	147605	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	341823	20.000	ng	# 0.00
76) Chrysene-d12	21.963	240	334534	20.000	ng	# 0.00
86) Perylene-d12	25.412	264	371943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.846	112	304609	105.311	ng	0.02
7) Phenol-d6	7.456	99	415515	93.542	ng	0.00
23) Nitrobenzene-d5	9.495	82	235373	63.363	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	170943	91.443	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	694430	64.966	ng	0.00
79) Terphenyl-d14	20.241	244	1180927	63.225	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.240	128	10692533	1069.258	ng	# 78
37) 2-Methylnaphthalene	12.791	142	1730142	204.906	ng	99
38) 1-Methylnaphthalene	13.003	142	967561	123.400	ng	97
46) 1,1'-Biphenyl	13.766	154	117058	11.074	ng	97
49) Acenaphthylene	14.654	152	29682	2.186	ng	# 75
52) Acenaphthene	14.994	154	48245	5.463	ng	98
55) Dibenzofuran	15.318	168	72417	4.955	ng	# 95
58) Fluorene	15.964	166	95030	8.085	ng	91
71) Phenanthrene	17.709	178	804662	45.424	ng	98
72) Anthracene	17.797	178	199842	10.936	ng	98
73) Carbazole	18.061	167	49698	3.236	ng	# 92
75) Fluoranthene	19.701	202	896746	38.809	ng	98
78) Pyrene	20.059	202	809656	34.337	ng	99
81) Benzo(a)anthracene	21.939	228	370085	15.751	ng	100
83) Chrysene	22.016	228	327887	14.898	ng	97
87) Indeno(1,2,3-cd)pyrene	29.372	276	180824	6.685	ng	# 98
88) Benzo(b)fluoranthene	24.313	252	387909	16.415	ng	96
89) Benzo(k)fluoranthene	24.372	252	130858m	5.561	ng	
90) Benzo(a)pyrene	25.247	252	299035	12.974	ng	99
91) Dibenzo(a,h)anthracene	29.413	278	48525	2.140	ng	# 90
92) Benzo(g,h,i)perylene	30.617	276	170408	7.748	ng	97

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

Manual Integrations APPROVED

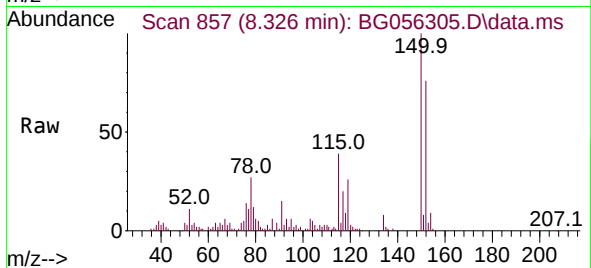
Quant Time: Jan 17 05:27:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.326 min Scan# 81
Delta R.T. 0.009 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

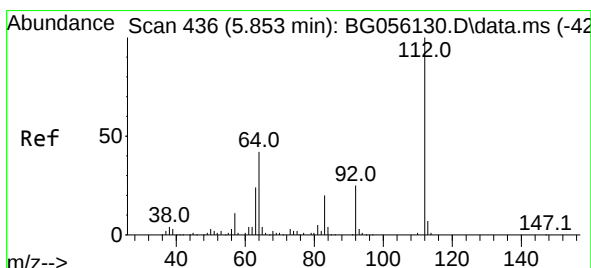
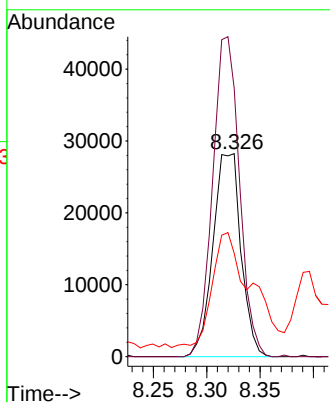
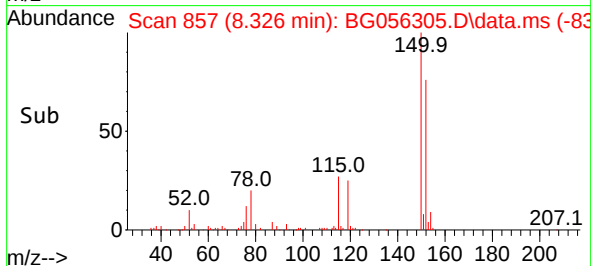
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:152 Resp: 51645
Ion Ratio Lower Upper
152 100
150 132.2 127.9 191.9
115 50.9 44.2 66.2

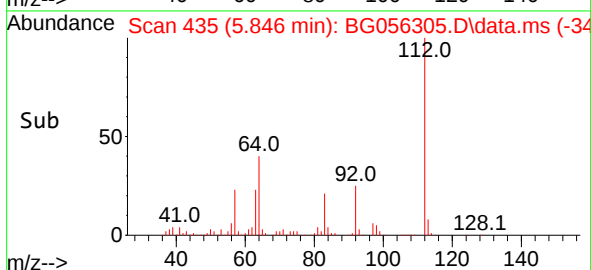
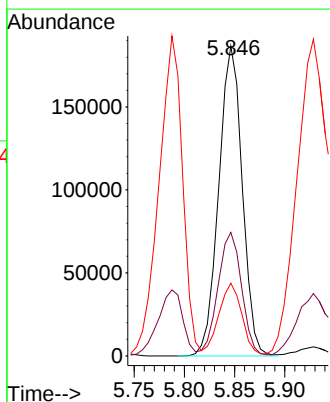
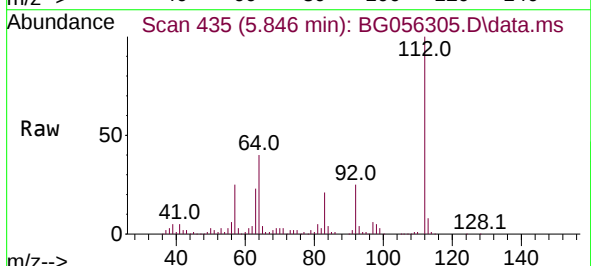
Manual Integrations
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Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#5
2-Fluorophenol
Concen: 105.311 ng
RT: 5.846 min Scan# 435
Delta R.T. 0.021 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

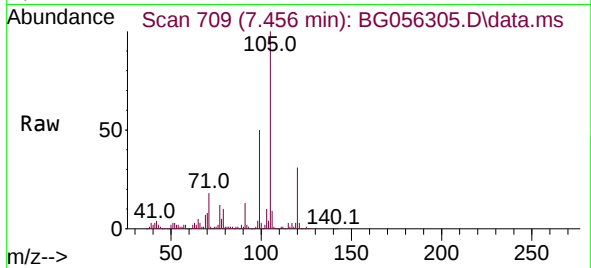
Tgt Ion:112 Resp: 304609
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 23.5 19.0 28.4





#7
Phenol-d6
Concen: 93.542 ng
RT: 7.456 min Scan# 70
Delta R.T. 0.009 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

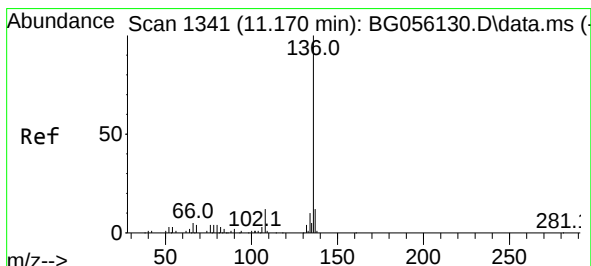
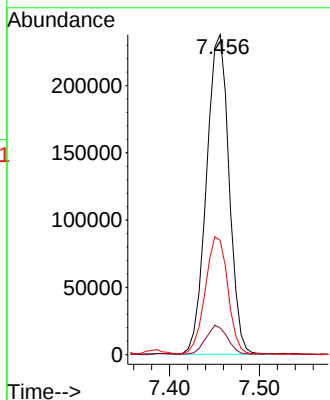
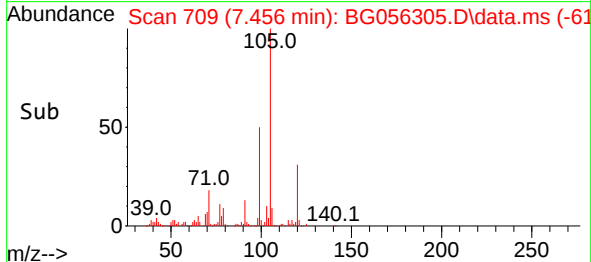
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



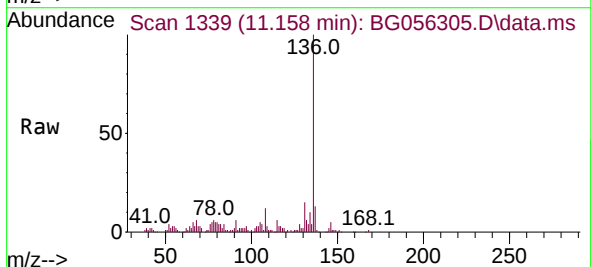
Tgt Ion: 99 Resp: 415515
Ion Ratio Lower Upper
99 100
42 8.3 5.9 8.9
71 35.7 25.4 38.2

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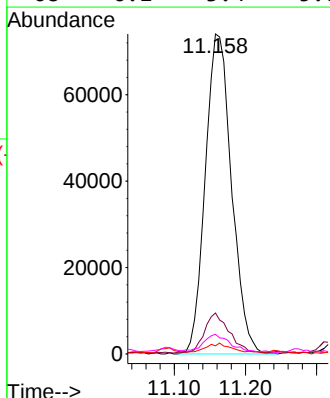
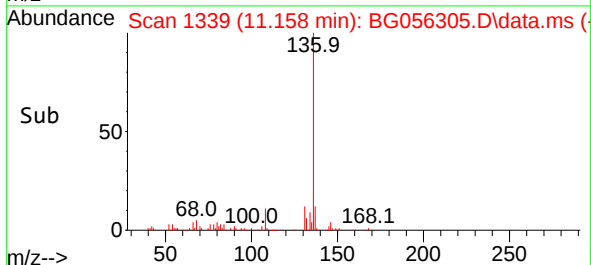
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.158 min Scan# 1339
Delta R.T. 0.009 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54



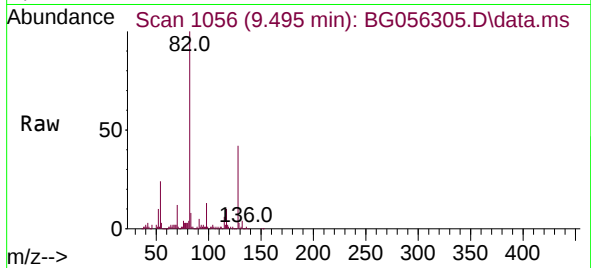
Tgt Ion:136 Resp: 190010
Ion Ratio Lower Upper
136 100
137 12.8 9.4 14.0
54 2.5 2.2 3.2
68 6.1 3.4 5.0#





#23
Nitrobenzene-d5
Concen: 63.363 ng
RT: 9.495 min Scan# 1056
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

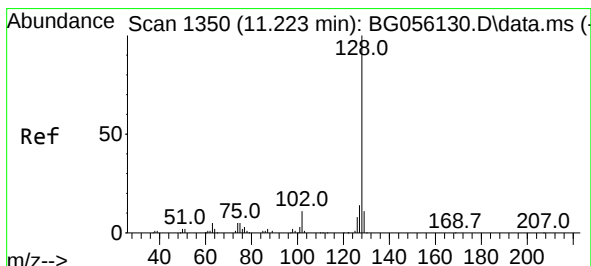
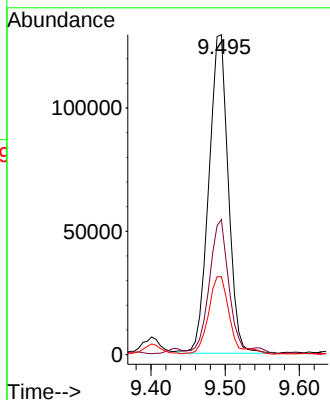
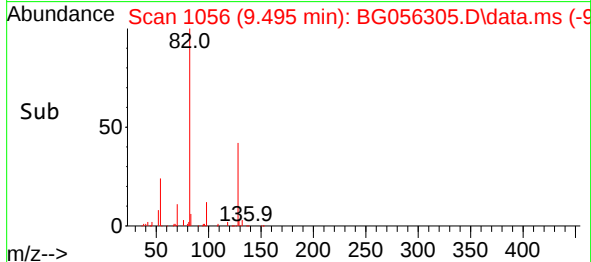
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion: 82 Resp: 235373
Ion Ratio Lower Upper
82 100
128 42.2 33.4 50.2
54 24.4 20.3 30.5

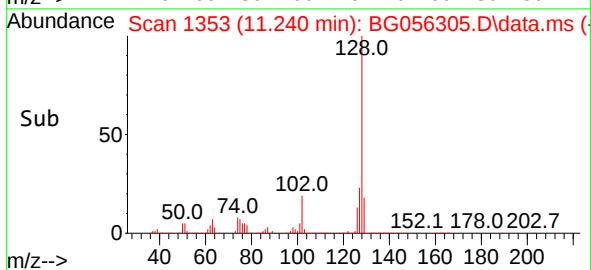
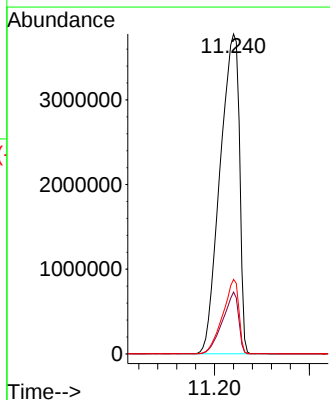
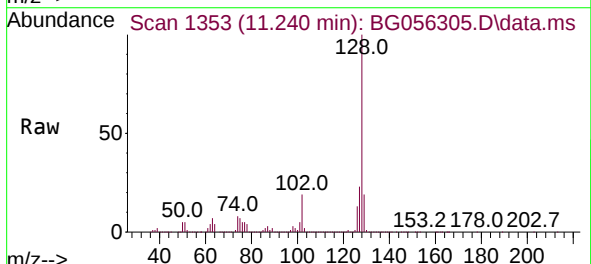
Manual Integrations
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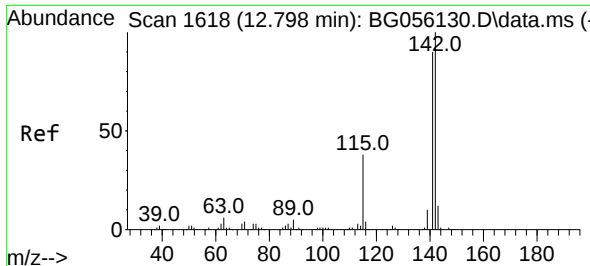
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#31
Naphthalene
Concen: 1069.258 ng
RT: 11.240 min Scan# 1353
Delta R.T. 0.038 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

Tgt Ion:128 Resp:10692533
Ion Ratio Lower Upper
128 100
129 19.3 8.9 13.3#
127 23.3 11.2 16.8#





#37

2-Methylnaphthalene

Concen: 204.906 ng

RT: 12.791 min Scan# 1617

Delta R.T. 0.015 min

Lab File: BG056305.D

Acq: 16 Jan 2023 20:54

Instrument :

BNA_G

ClientSampleId :

20230113-H4-STOCKPILE

Tgt Ion:142 Resp: 173014

Ion Ratio Lower Upper

142 100

141 90.1 72.2 108.4

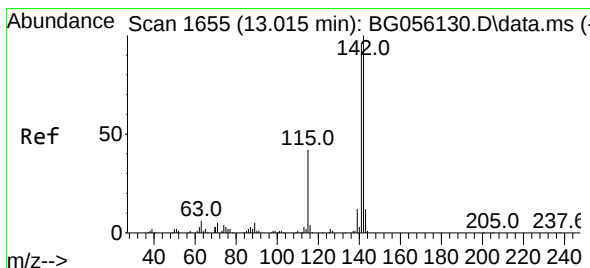
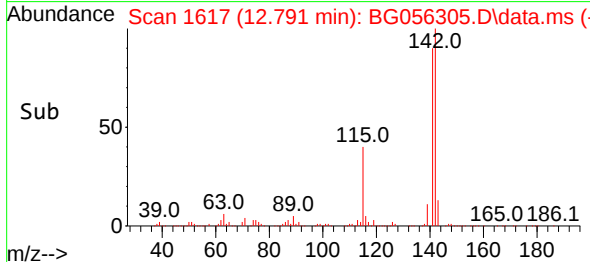
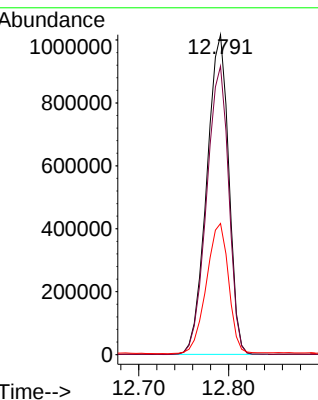
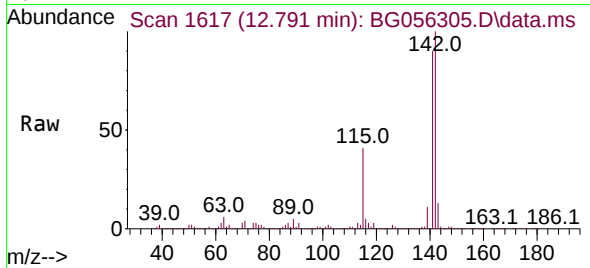
115 41.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023



#38

1-Methylnaphthalene

Concen: 123.400 ng

RT: 13.003 min Scan# 1653

Delta R.T. 0.009 min

Lab File: BG056305.D

Acq: 16 Jan 2023 20:54

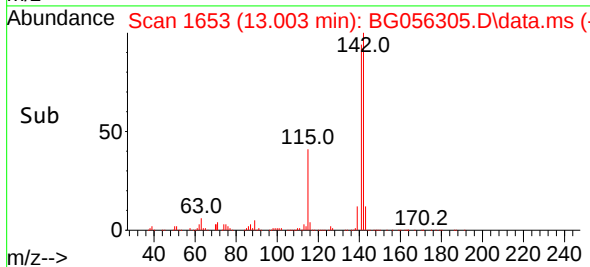
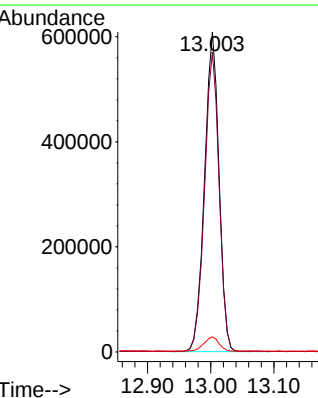
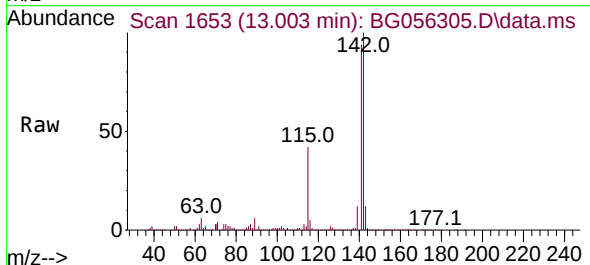
Tgt Ion:142 Resp: 967561

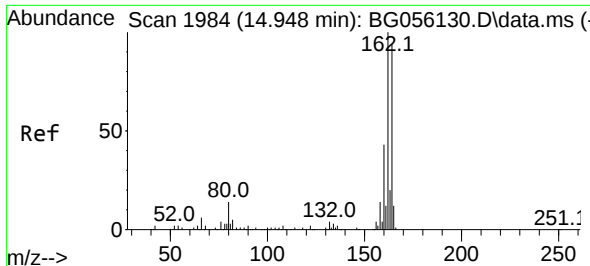
Ion Ratio Lower Upper

142 100

141 93.7 77.0 115.6

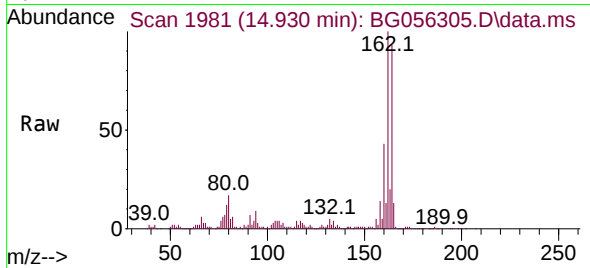
116 4.7 3.6 5.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.930 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

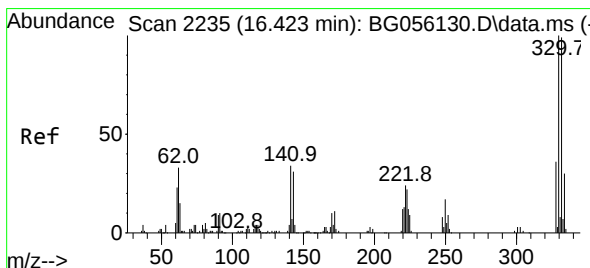
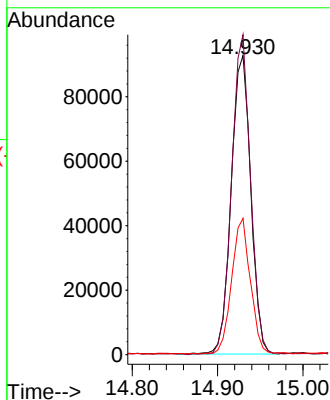
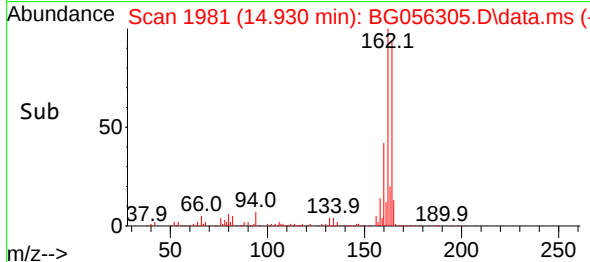
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



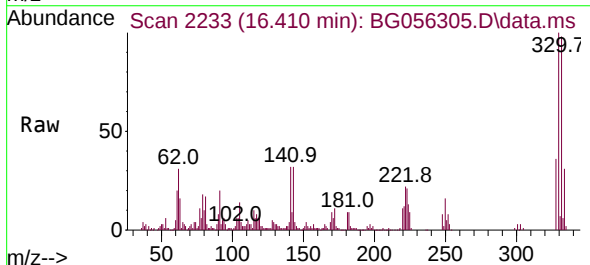
Tgt Ion:164 Resp: 147605
Ion Ratio Lower Upper
164 100
162 107.0 84.7 127.1
160 45.6 36.3 54.5

Manual Integrations
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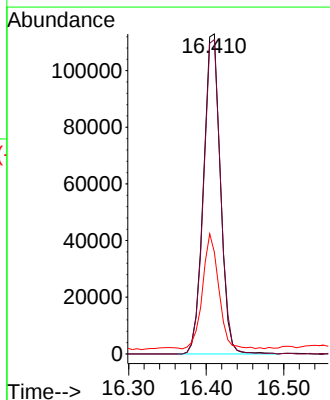
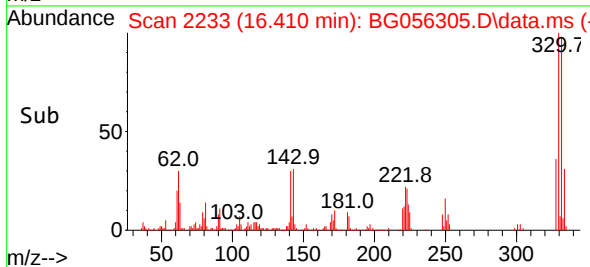
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

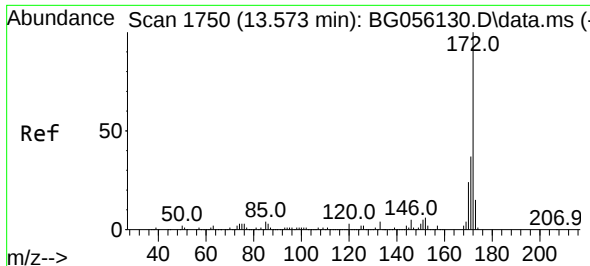


#42
2,4,6-Tribromophenol
Concen: 91.443 ng
RT: 16.410 min Scan# 2233
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54



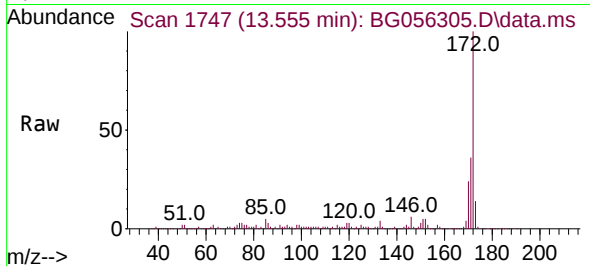
Tgt Ion:330 Resp: 170943
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 34.7 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 64.966 ng
RT: 13.555 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

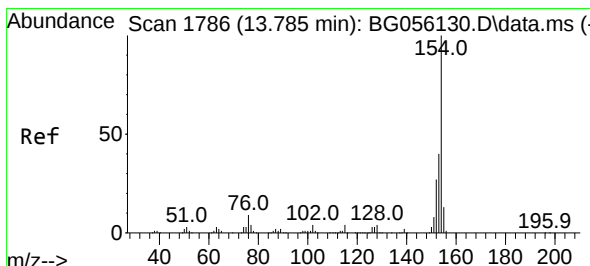
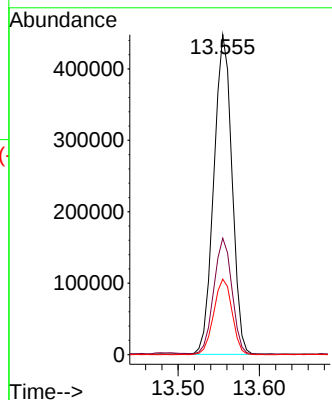
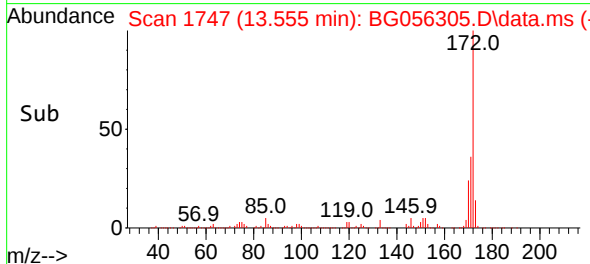
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:172 Resp: 694436
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 23.6 19.4 29.2

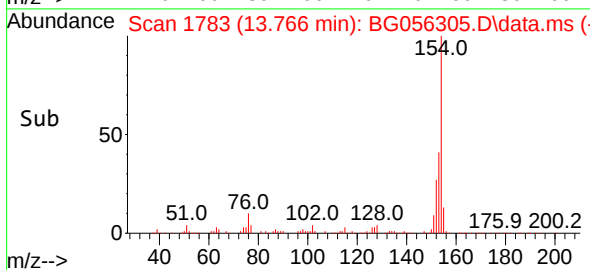
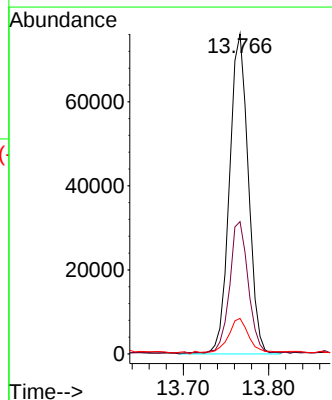
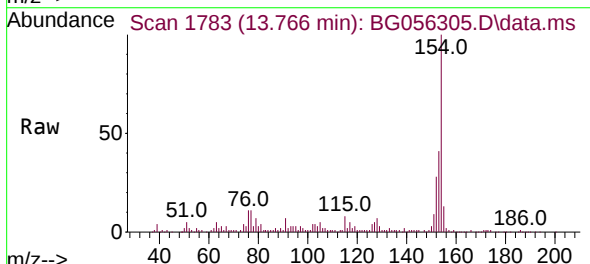
Manual Integrations
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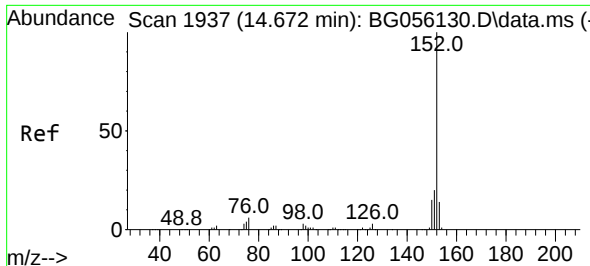
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#46
1,1'-Biphenyl
Concen: 11.074 ng
RT: 13.766 min Scan# 1783
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

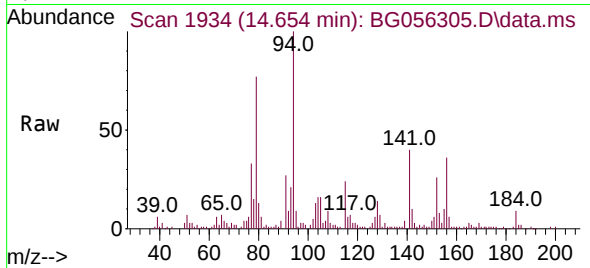
Tgt Ion:154 Resp: 117058
Ion Ratio Lower Upper
154 100
153 41.3 20.0 60.0
76 11.1 0.0 29.3





#49
Acenaphthylene
Concen: 2.186 ng
RT: 14.654 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

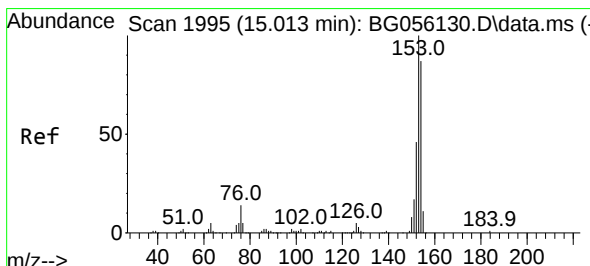
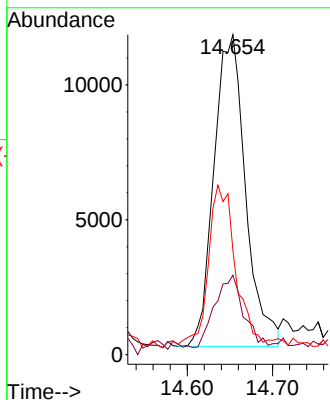
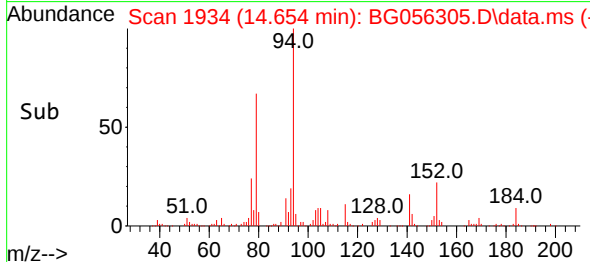
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



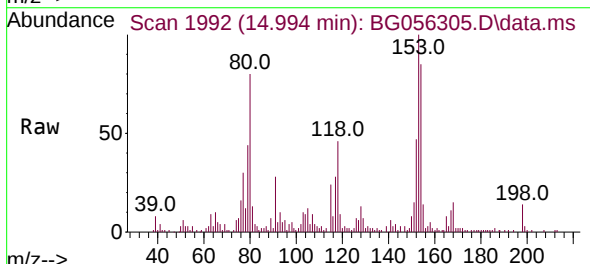
Tgt Ion:152 Resp: 29682
Ion Ratio Lower Upper
152 100
151 24.8 16.0 24.0
153 32.5 11.0 16.6

Manual Integrations
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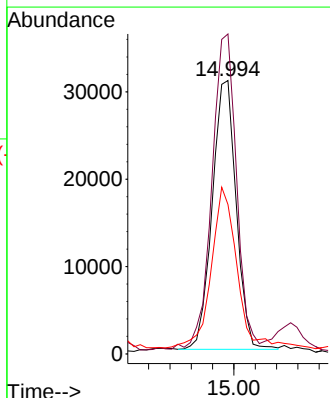
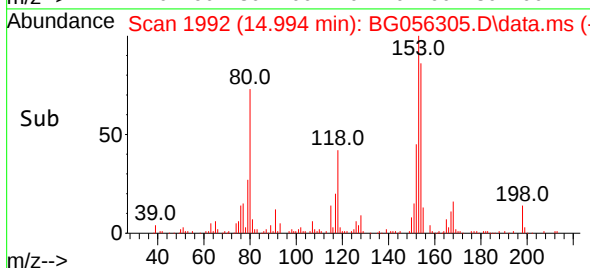
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

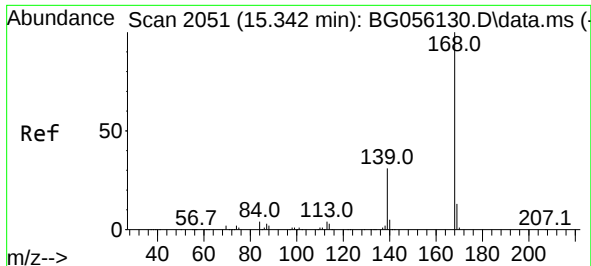


#52
Acenaphthene
Concen: 5.463 ng
RT: 14.994 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54



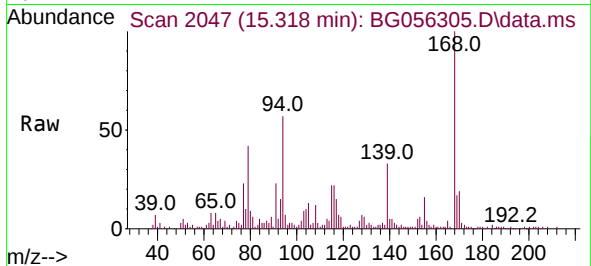
Tgt Ion:154 Resp: 48245
Ion Ratio Lower Upper
154 100
153 117.0 92.0 138.0
152 54.7 42.5 63.7





#55
Dibenzofuran
Concen: 4.955 ng
RT: 15.318 min Scan# 2047
Delta R.T. -0.009 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

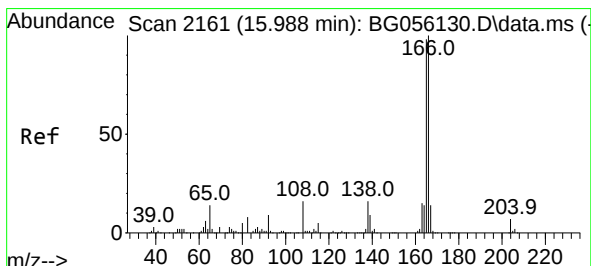
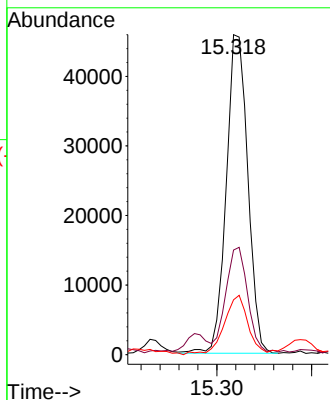
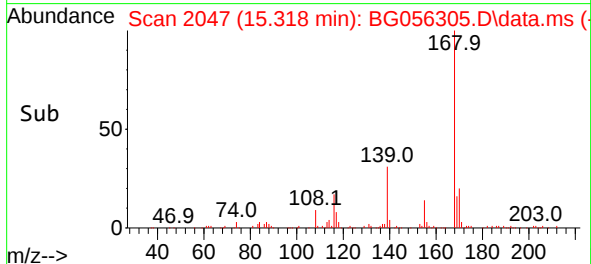
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:168 Resp: 72417
Ion Ratio Lower Upper
168 100
139 32.7 24.7 37.1
169 17.1 10.3 15.5

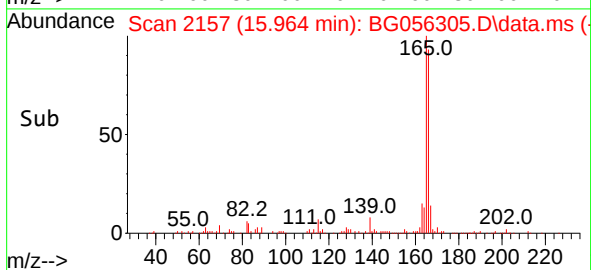
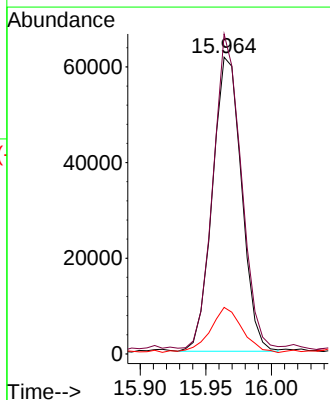
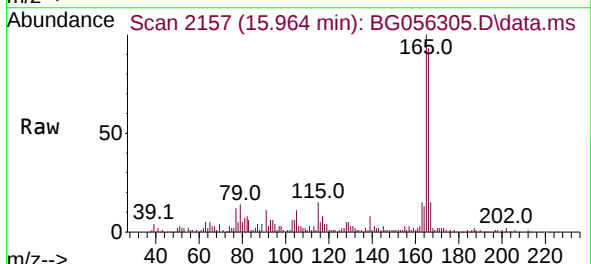
Manual Integrations
APPROVED

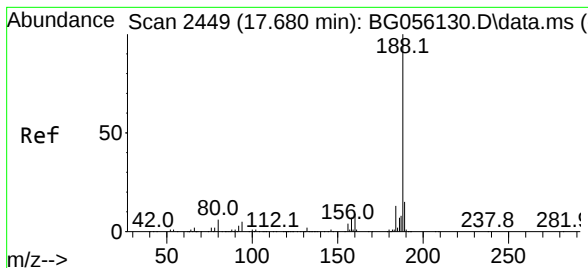
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#58
Fluorene
Concen: 8.085 ng
RT: 15.964 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

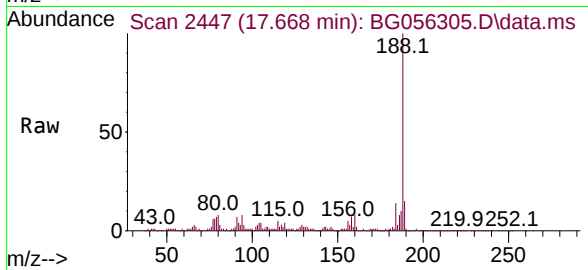
Tgt Ion:166 Resp: 95030
Ion Ratio Lower Upper
166 100
165 107.9 78.6 118.0
167 15.7 11.1 16.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.668 min Scan# 2449
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

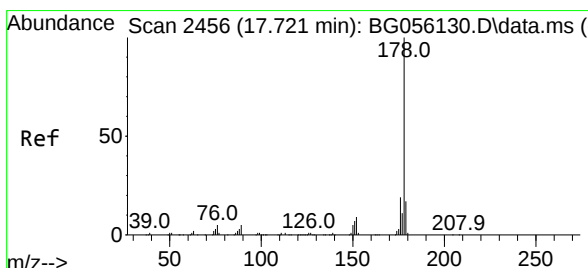
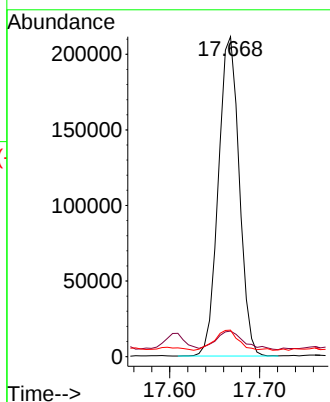
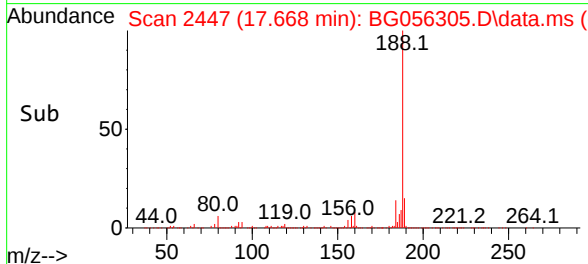
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



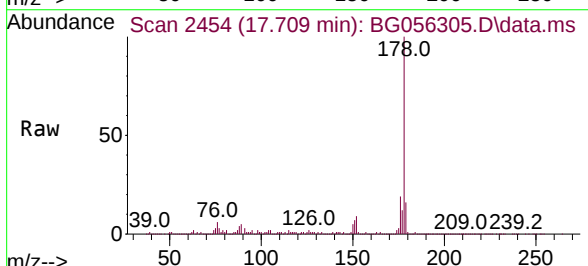
Tgt Ion:188 Resp: 341823
Ion Ratio Lower Upper
188 100
94 8.0 4.2 6.2
80 8.3 5.0 7.4

Manual Integrations
APPROVED

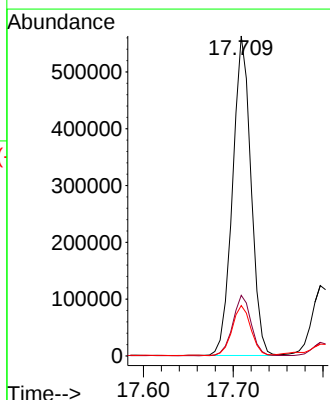
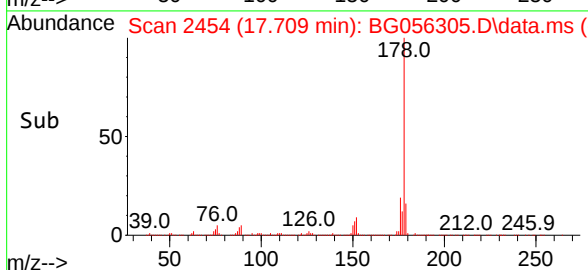
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023

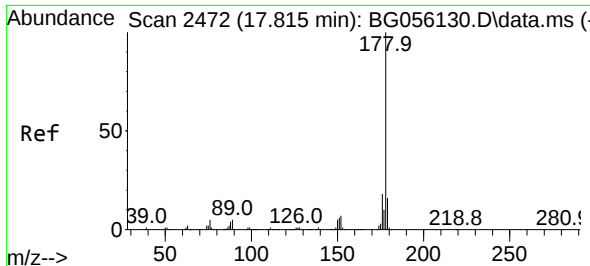


#71
Phenanthrene
Concen: 45.424 ng
RT: 17.709 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54



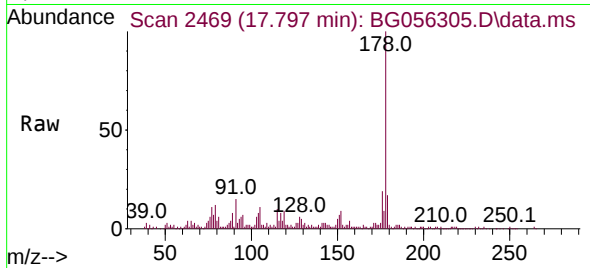
Tgt Ion:178 Resp: 804662
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 13.6 20.4





#72
 Anthracene
 Concen: 10.936 ng
 RT: 17.797 min Scan# 2472
 Delta R.T. -0.003 min
 Lab File: BG056305.D
 Acq: 16 Jan 2023 20:54

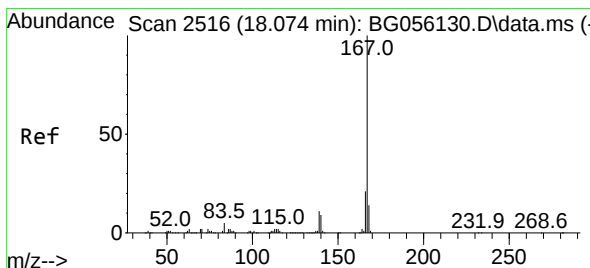
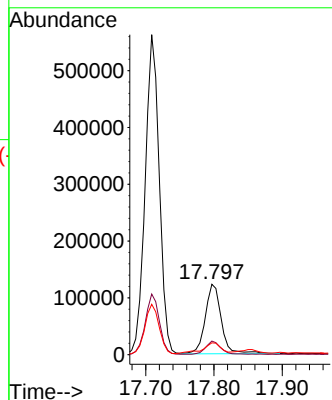
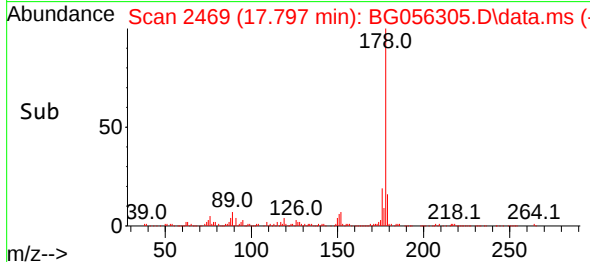
Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILE



Tgt Ion:178 Resp: 199842
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.6 22.0
 179 16.7 12.7 19.1

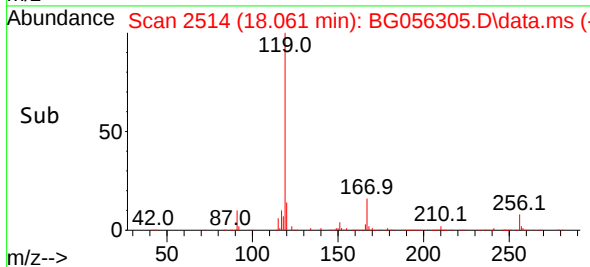
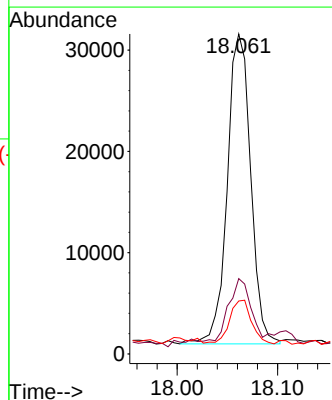
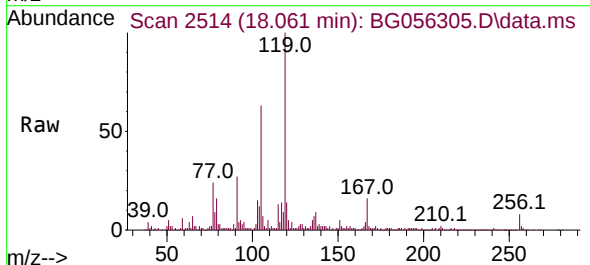
Manual Integrations
 APPROVED

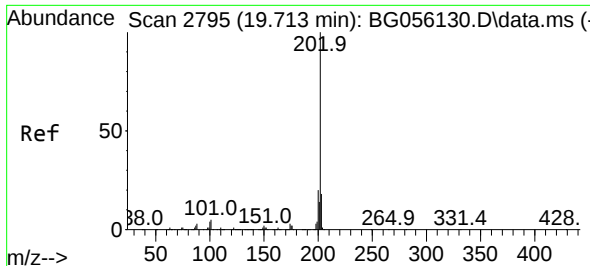
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023



#73
 Carbazole
 Concen: 3.236 ng
 RT: 18.061 min Scan# 2514
 Delta R.T. -0.003 min
 Lab File: BG056305.D
 Acq: 16 Jan 2023 20:54

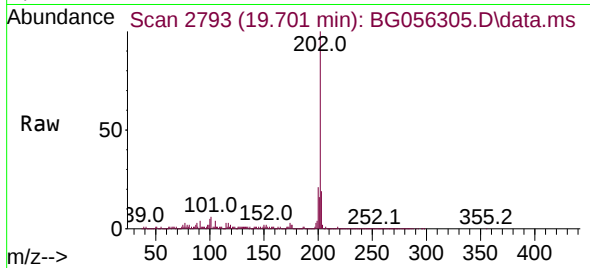
Tgt Ion:167 Resp: 49698
 Ion Ratio Lower Upper
 167 100
 166 23.6 16.8 25.2
 139 16.5 8.9 13.3#





#75
 Fluoranthene
 Concen: 38.809 ng
 RT: 19.701 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056305.D
 Acq: 16 Jan 2023 20:54

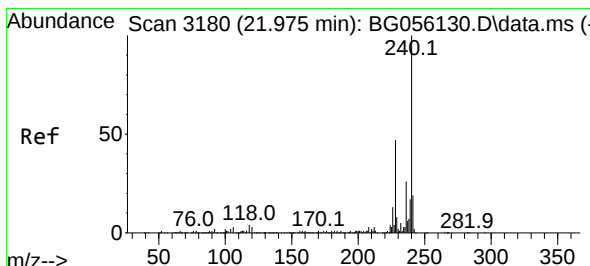
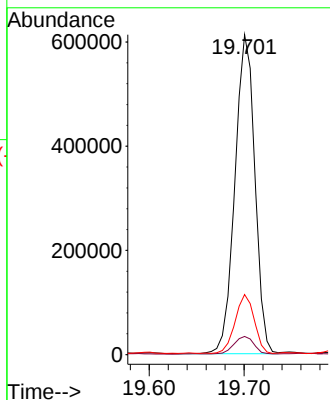
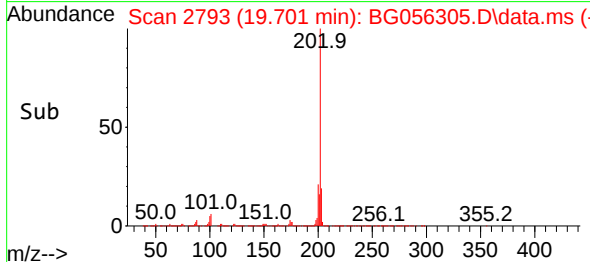
Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILE



Tgt Ion:202 Resp: 896746
 Ion Ratio Lower Upper
 202 100
 101 5.7 0.0 25.0
 203 18.8 0.0 38.0

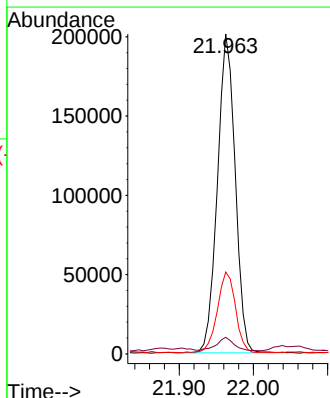
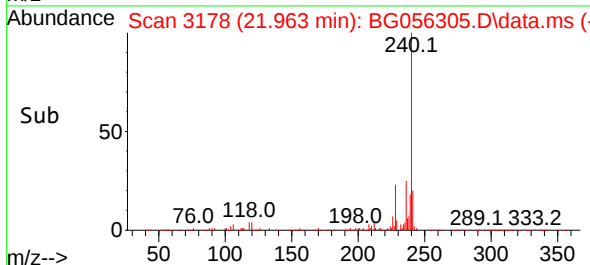
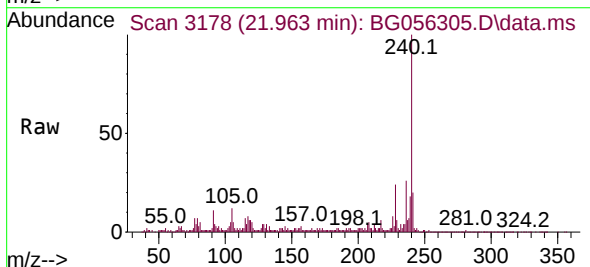
Manual Integrations
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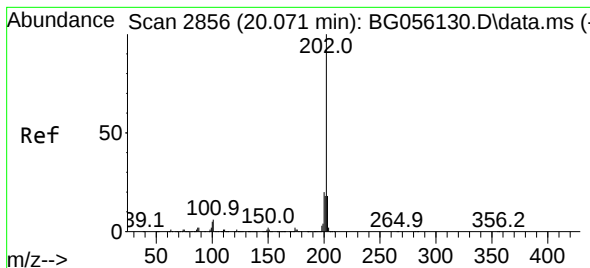
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/17/2023



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.963 min Scan# 3178
 Delta R.T. 0.003 min
 Lab File: BG056305.D
 Acq: 16 Jan 2023 20:54

Tgt Ion:240 Resp: 334534
 Ion Ratio Lower Upper
 240 100
 120 5.2 2.6 4.0#
 236 25.6 20.8 31.2





#78

Pyrene

Concen: 34.337 ng

RT: 20.059 min Scan# 2854

Delta R.T. 0.003 min

Lab File: BG056305.D

Acq: 16 Jan 2023 20:54

Instrument :

BNA_G

ClientSampleId :

20230113-H4-STOCKPILE

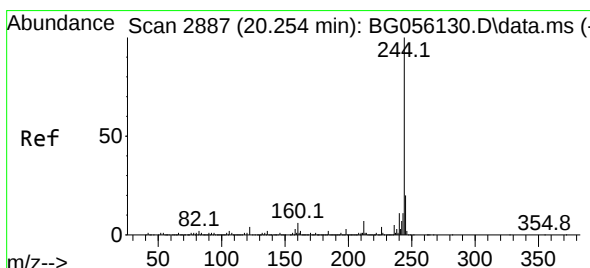
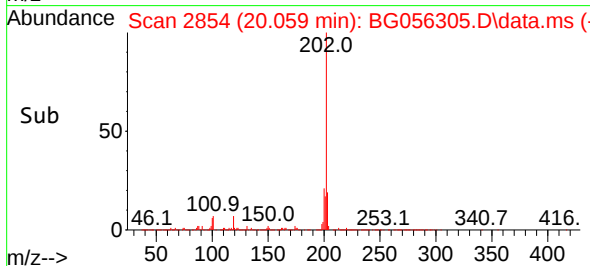
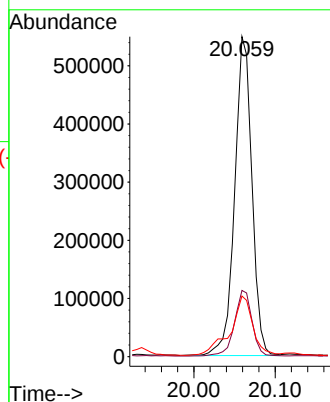
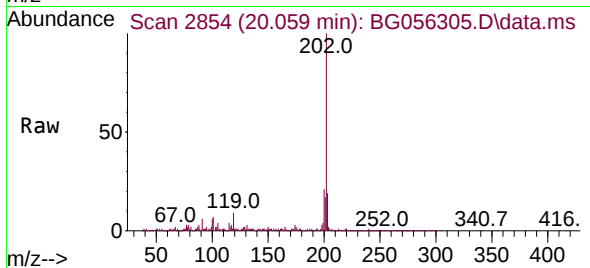
Tgt Ion:	202	Resp:	809656
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.4	24.6
203	18.9	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/17/2023



#79

Terphenyl-d14

Concen: 63.225 ng

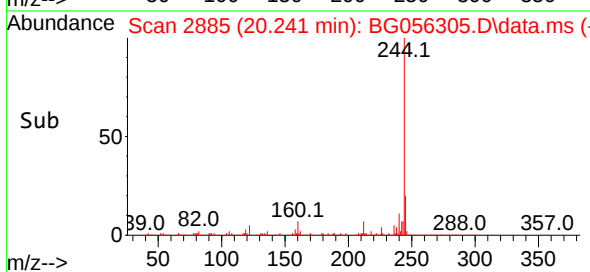
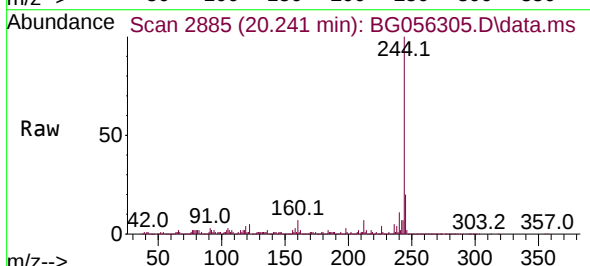
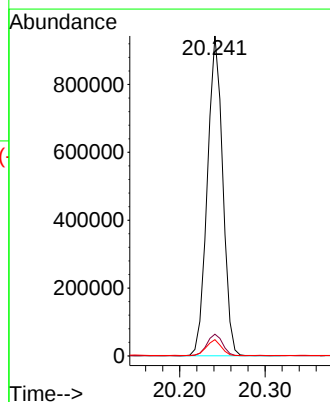
RT: 20.241 min Scan# 2885

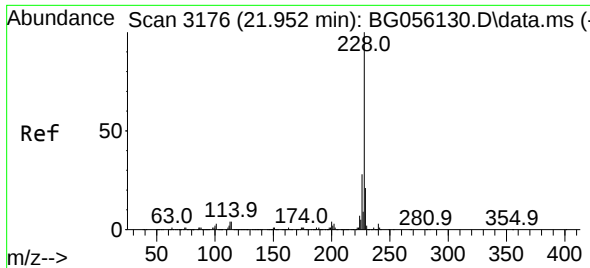
Delta R.T. 0.003 min

Lab File: BG056305.D

Acq: 16 Jan 2023 20:54

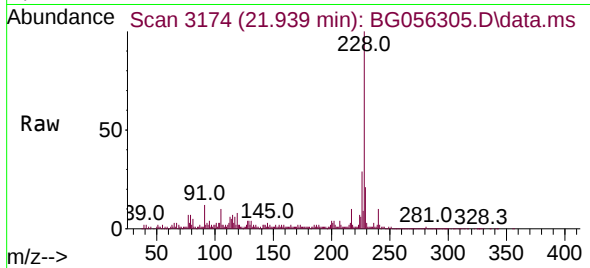
Tgt Ion:	244	Resp:	1180927
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	5.1	3.5	5.3





#81
Benzo(a)anthracene
Concen: 15.751 ng
RT: 21.939 min Scan# 3176
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

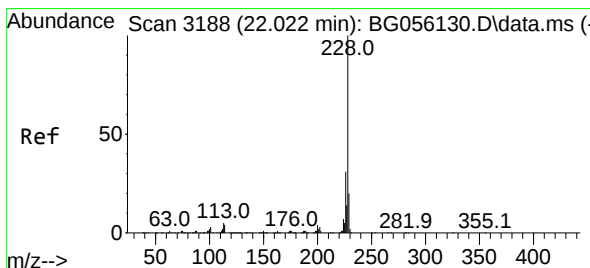
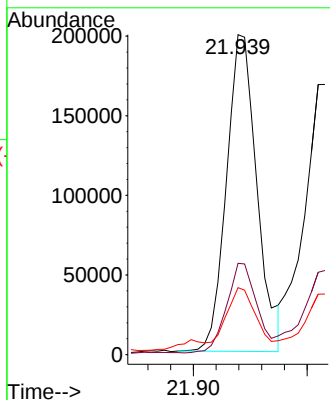
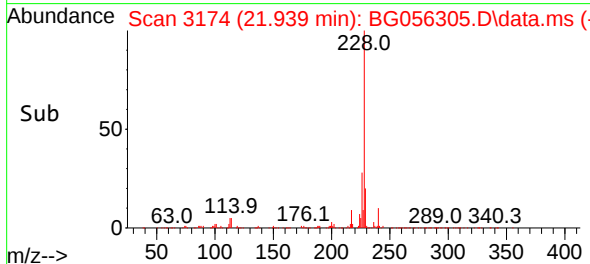
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:228 Resp: 370085
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.9 16.9 25.3

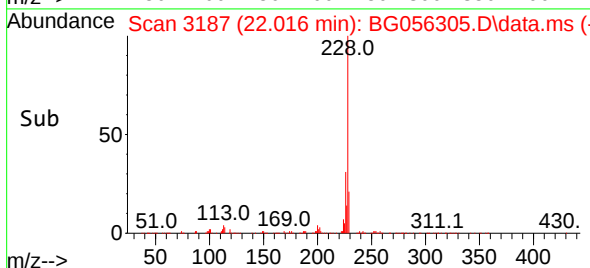
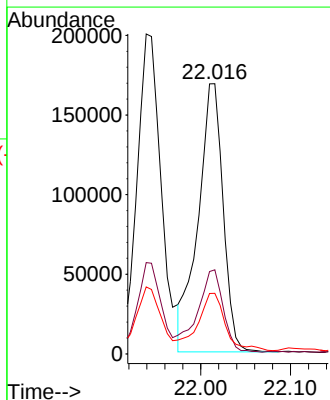
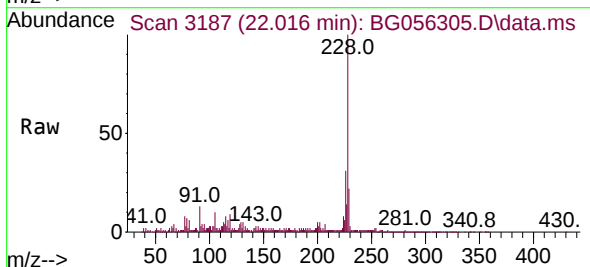
Manual Integrations
APPROVED

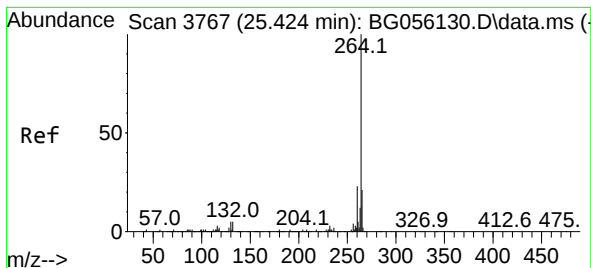
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#83
Chrysene
Concen: 14.898 ng
RT: 22.016 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

Tgt Ion:228 Resp: 327887
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 22.4 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.412 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG056305.D

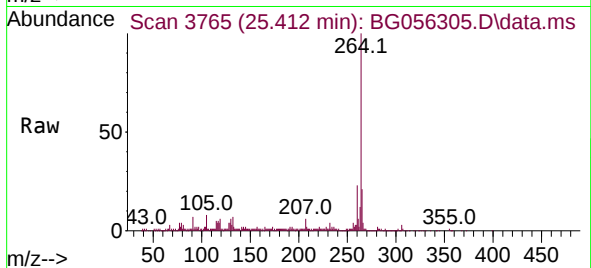
Acq: 16 Jan 2023 20:54

Instrument :

BNA_G

ClientSampleId :

20230113-H4-STOCKPILE



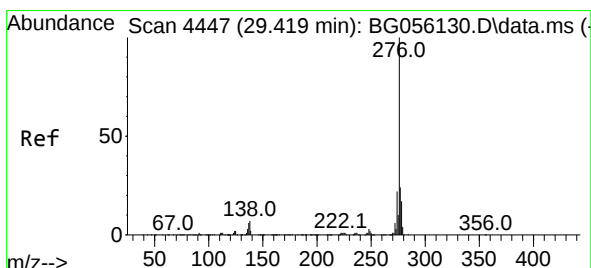
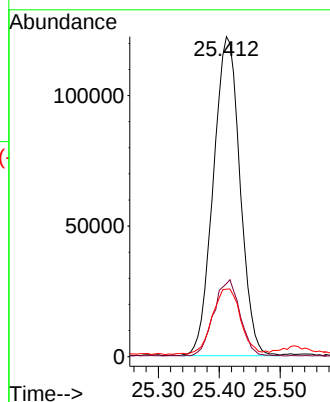
Tgt Ion:264 Resp: 371943

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.1	16.7	25.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.685 ng

RT: 29.372 min Scan# 4439

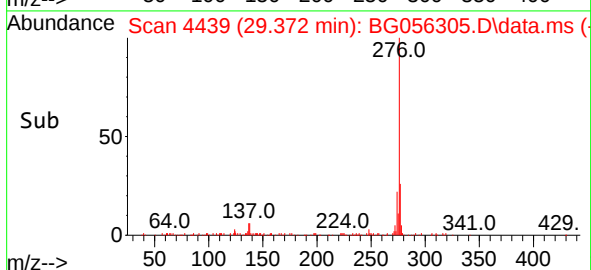
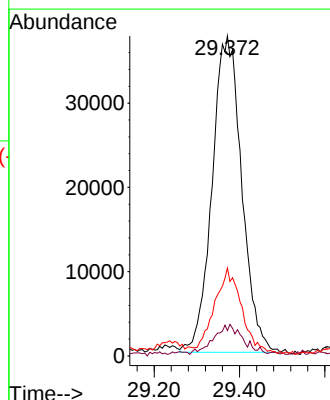
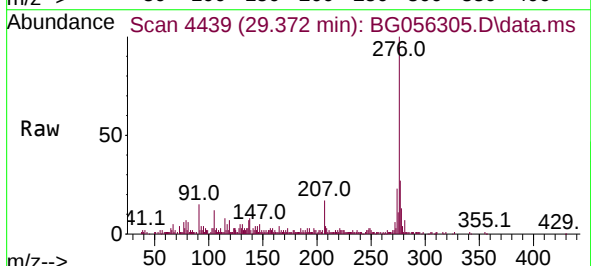
Delta R.T. 0.009 min

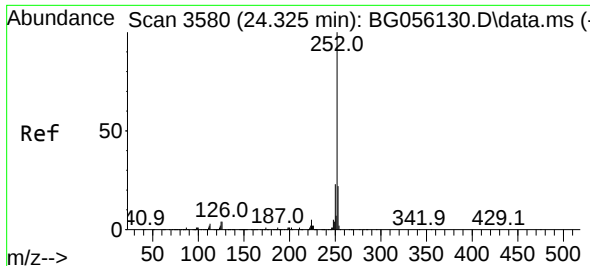
Lab File: BG056305.D

Acq: 16 Jan 2023 20:54

Tgt Ion:276 Resp: 180824

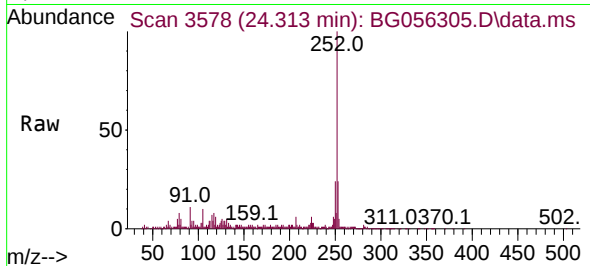
Ion	Ratio	Lower	Upper
276	100		
138	8.5	5.0	7.4#
277	24.9	20.5	30.7





#88
Benzo(b)fluoranthene
Concen: 16.415 ng
RT: 24.313 min Scan# 3578
Delta R.T. 0.015 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

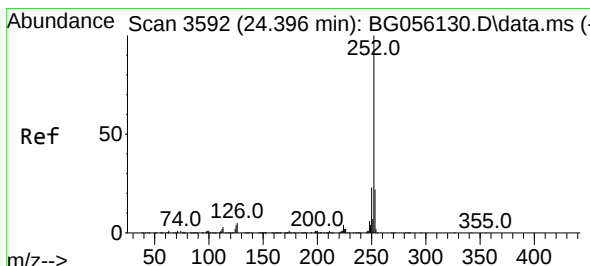
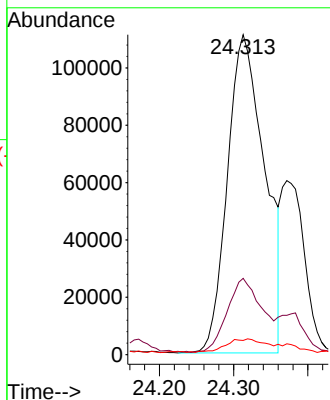
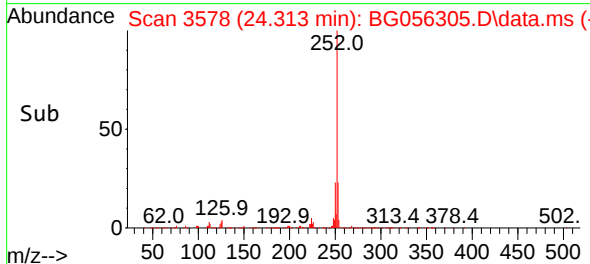
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:252 Resp: 387909
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 4.4 3.0 4.4

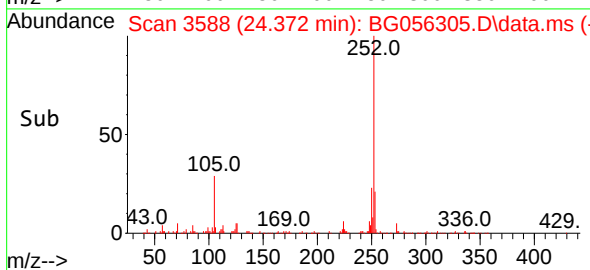
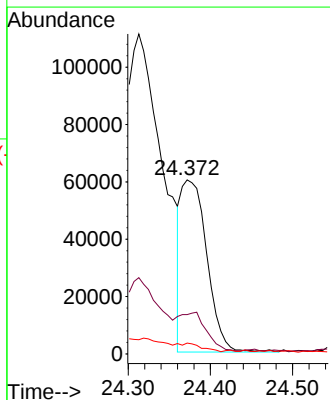
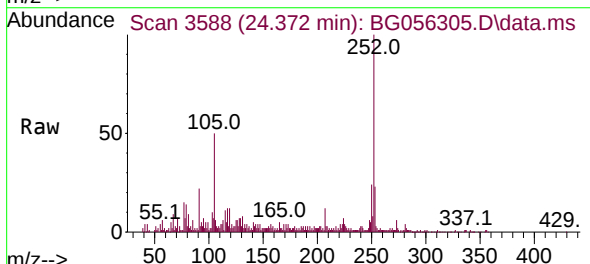
Manual Integrations
APPROVED

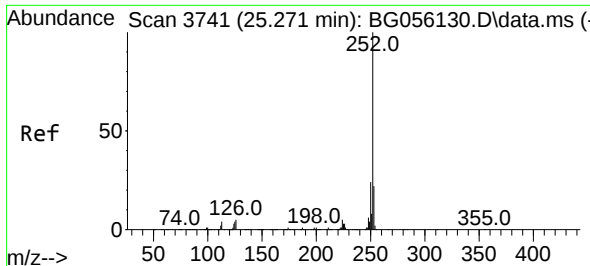
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#89
Benzo(k)fluoranthene
Concen: 5.561 ng m
RT: 24.372 min Scan# 3588
Delta R.T. -0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

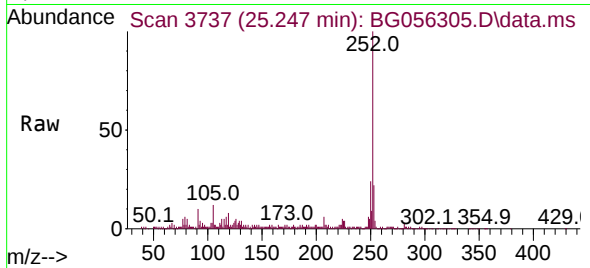
Tgt Ion:252 Resp: 130858
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 6.2 3.4 5.0#





#90
Benzo(a)pyrene
Concen: 12.974 ng
RT: 25.247 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

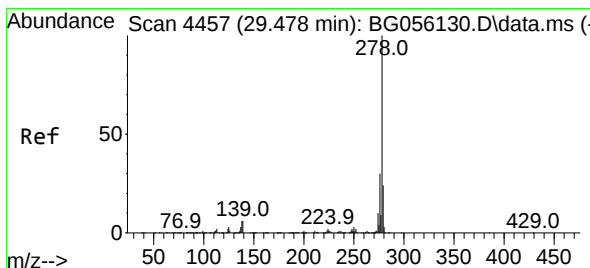
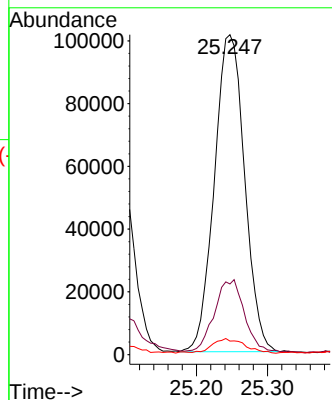
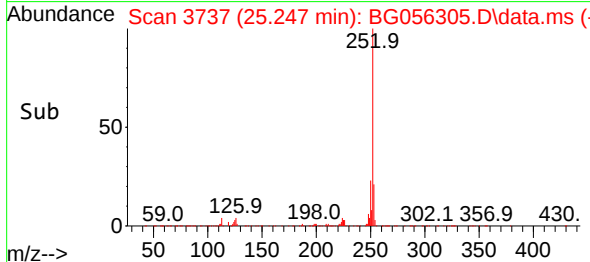
Instrument :
BNA_G
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion:252 Resp: 299035
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 4.2 3.2 4.8

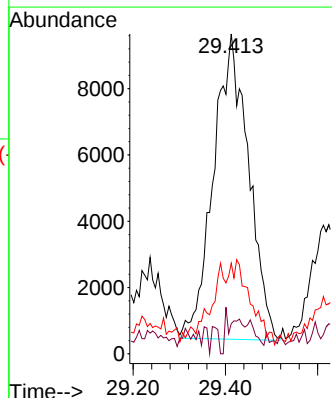
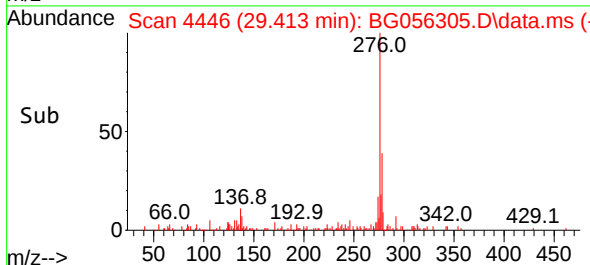
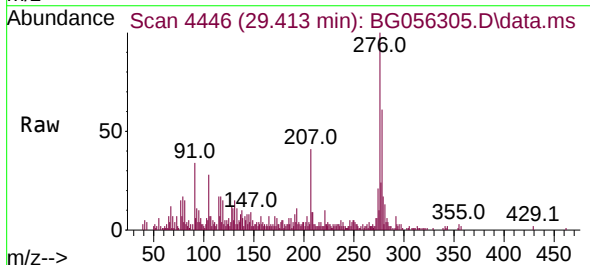
Manual Integrations
APPROVED

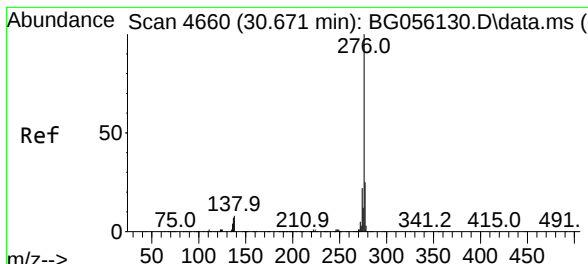
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/17/2023



#91
Dibenzo(a,h)anthracene
Concen: 2.140 ng
RT: 29.413 min Scan# 4446
Delta R.T. -0.020 min
Lab File: BG056305.D
Acq: 16 Jan 2023 20:54

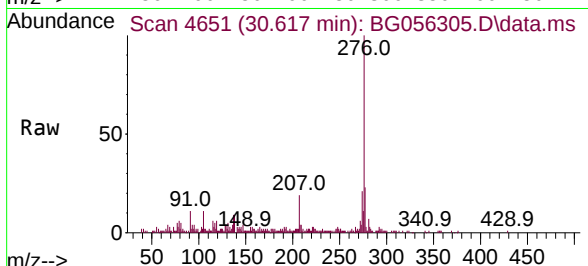
Tgt Ion:278 Resp: 48525
Ion Ratio Lower Upper
278 100
139 9.4 4.8 7.2#
279 28.3 19.0 28.4





#92
 Benzo(g,h,i)perylene
 Concen: 7.748 ng
 RT: 30.617 min Scan# 4651
 Delta R.T. 0.003 min
 Lab File: BG056305.D
 Acq: 16 Jan 2023 20:54

Instrument :
 BNA_G
 ClientSampleId :
 20230113-H4-STOCKPILE



Tgt Ion: 276 Resp: 170408

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.7	29.5
138	8.9	6.7	10.1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/17/2023
 Supervised By : Jagrut Upadhyay 01/17/2023

