

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055281.D
 Acq On : 25 Oct 2022 18:32
 Operator : CG/JU
 Sample : N5254-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4-102122

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

Quant Time: Oct 26 14:45:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	46083	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	193821	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	117518	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	256396	20.000	ng	0.00
76) Chrysene-d12	21.892	240	248325	20.000	ng	0.00
86) Perylene-d12	25.288	264	261718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	211025	80.181	ng	0.00
7) Phenol-d6	7.414	99	287120	75.301	ng	0.00
23) Nitrobenzene-d5	9.441	82	178321	46.980	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	99778	78.103	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	357049	49.729	ng	0.00
79) Terphenyl-d14	20.194	244	562331	47.049	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	9.030	107	96494	22.305	ng	88
71) Phenanthrene	17.661	178	53703	3.927	ng	99
75) Fluoranthene	19.647	202	70369	4.417	ng	98
78) Pyrene	20.006	202	65931	3.873	ng	98
83) Chrysene	21.939	228	44713	2.823	ng	96
88) Benzo(b)fluoranthene	24.201	252	52624	3.343	ng	# 91
90) Benzo(a)pyrene	25.123	252	34875	2.583	ng	# 94

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

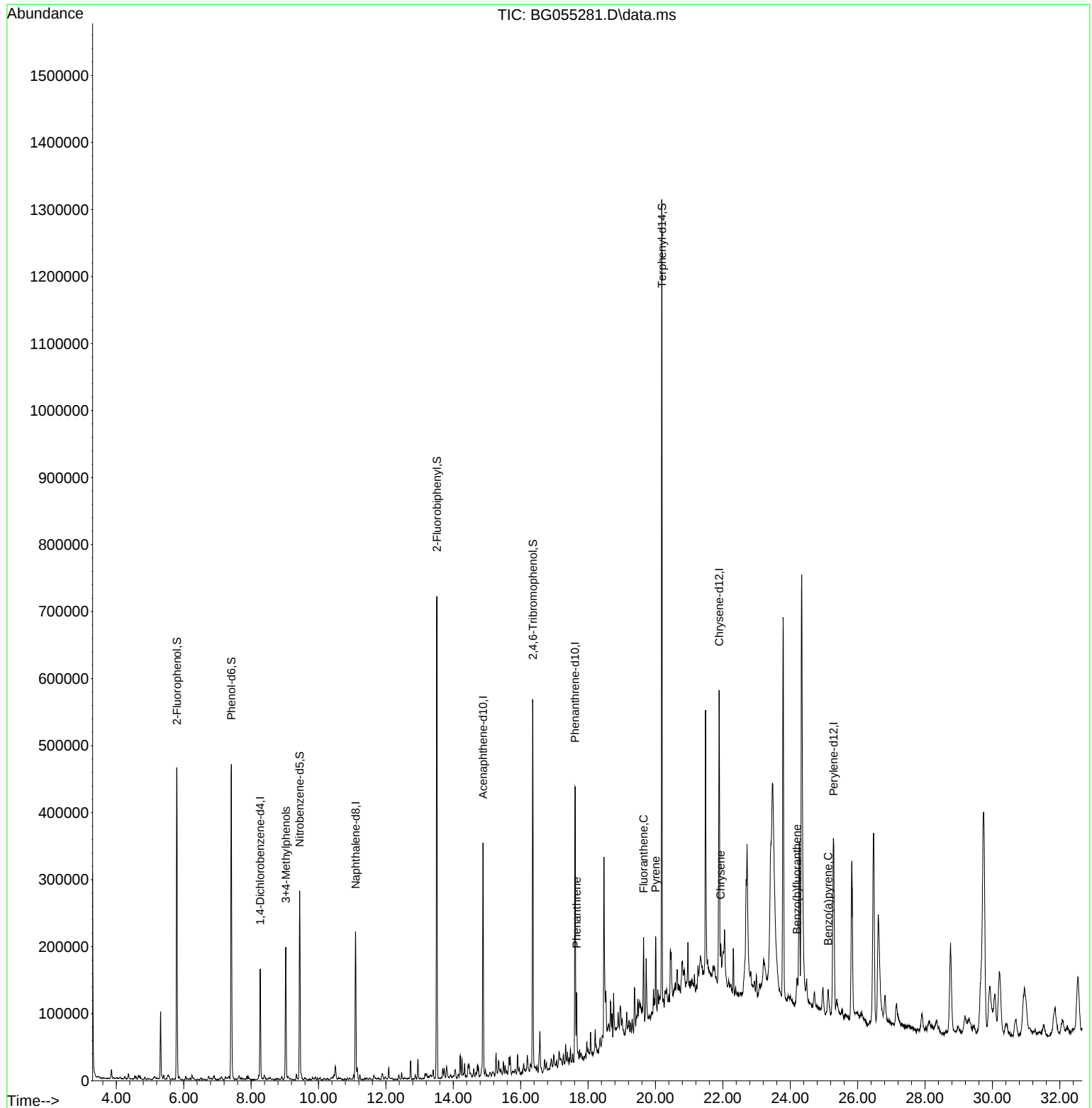
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055281.D
Acq On : 25 Oct 2022 18:32
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

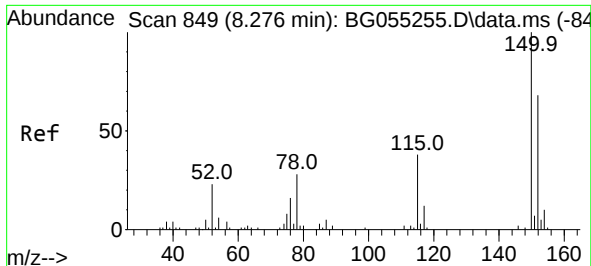
Instrument :
BNA_G
ClientSampleId :
WC-4-102122

Quant Time: Oct 26 14:45:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
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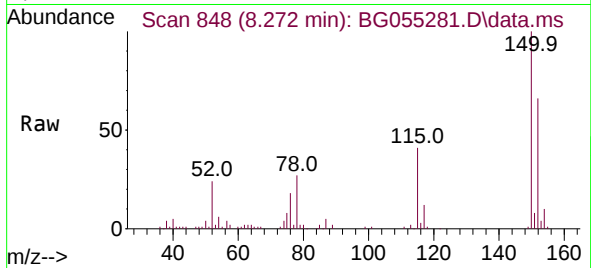
Reviewed By : Christian Giraldo 10/26/2022
Supervised By : Jagrut Upadhyay 10/27/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

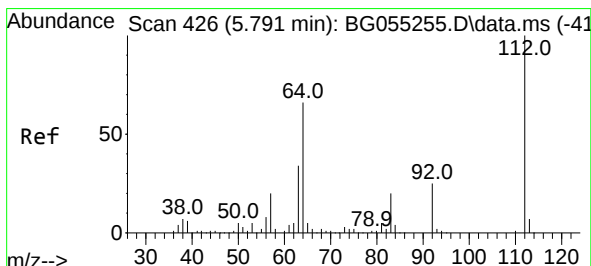
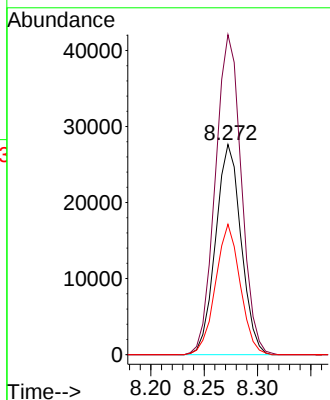
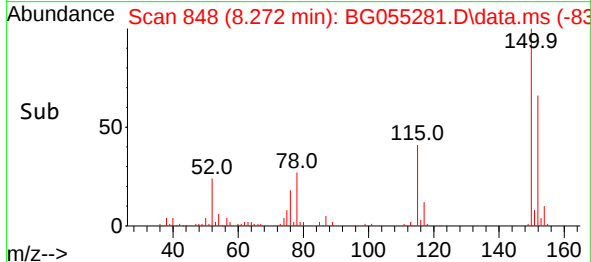
Instrument :
BNA_G
ClientSampleId :
WC-4-102122



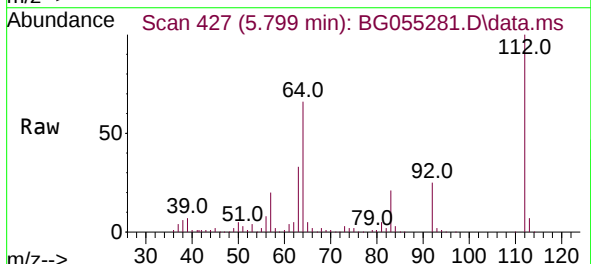
Tgt Ion:152 Resp: 46083
Ion Ratio Lower Upper
152 100
150 152.3 118.2 177.4
115 62.0 44.5 66.7

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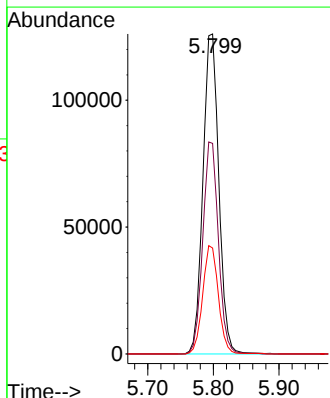
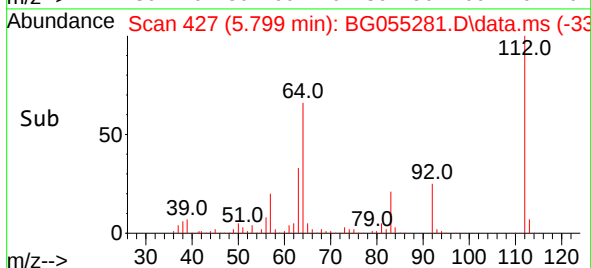
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

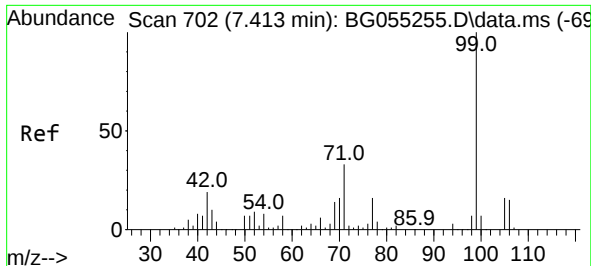


#5
2-Fluorophenol
Concen: 80.181 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



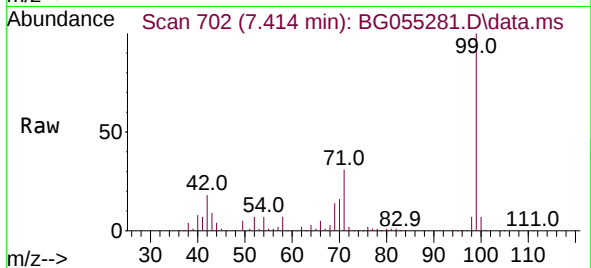
Tgt Ion:112 Resp: 211025
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 33.1 27.1 40.7





#7
Phenol-d6
Concen: 75.301 ng
RT: 7.414 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

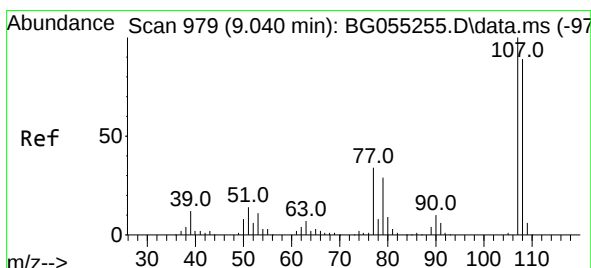
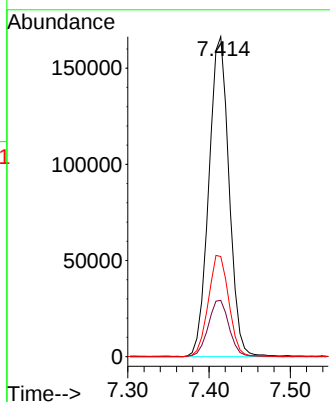
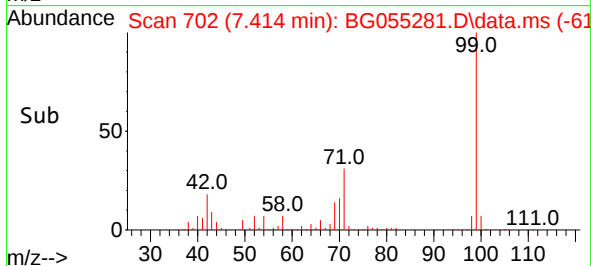
Instrument :
BNA_G
ClientSampleId :
WC-4-102122



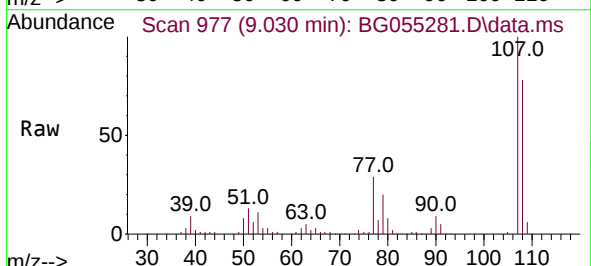
Tgt Ion: 99 Resp: 287120
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 31.3 26.2 39.4

Manual Integrations
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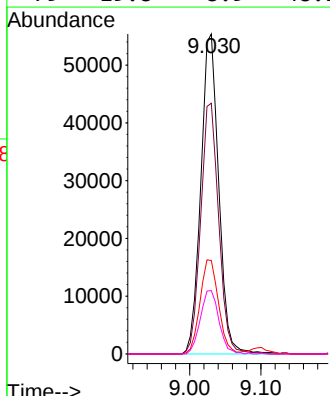
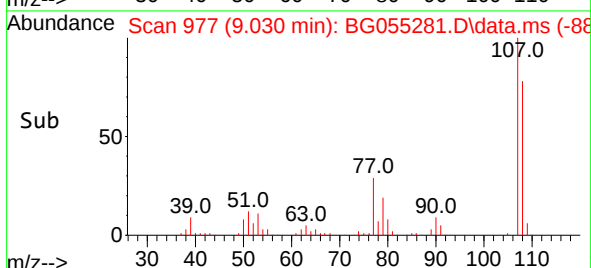
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

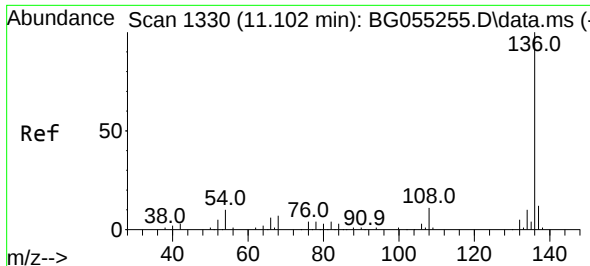


#20
3+4-Methylphenols
Concen: 22.305 ng
RT: 9.030 min Scan# 977
Delta R.T. -0.010 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



Tgt Ion:107 Resp: 96494
Ion Ratio Lower Upper
107 100
108 78.3 68.5 108.5
77 29.2 14.0 54.0
79 19.8 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.104 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

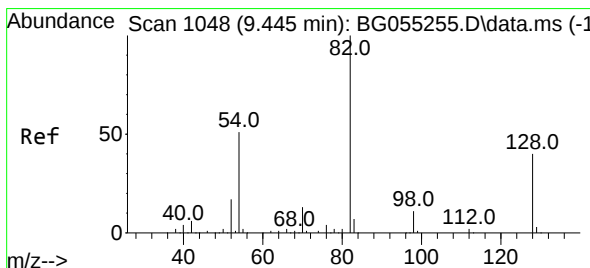
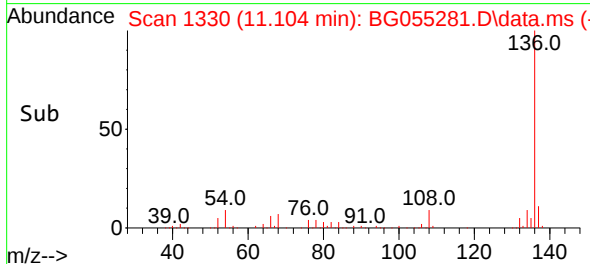
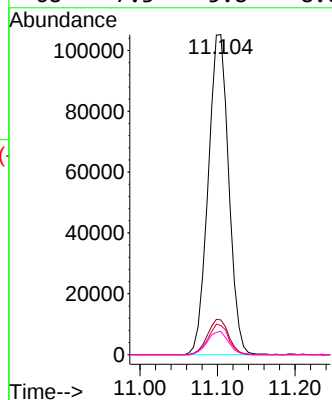
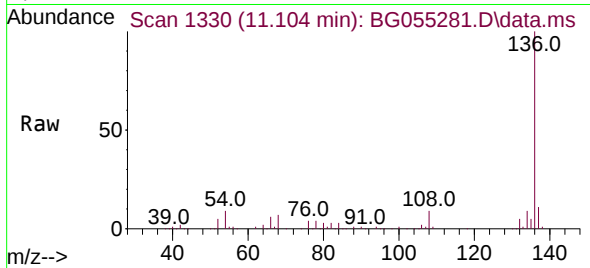
WC-4-102122

Tgt Ion:136 Resp: 193821
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.1 7.8 11.8
68 7.3 5.8 8.6

Manual Integrations

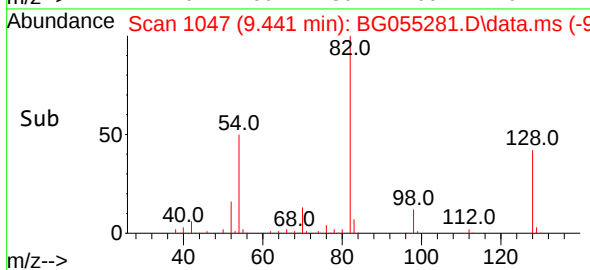
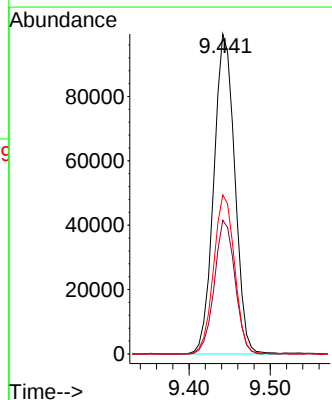
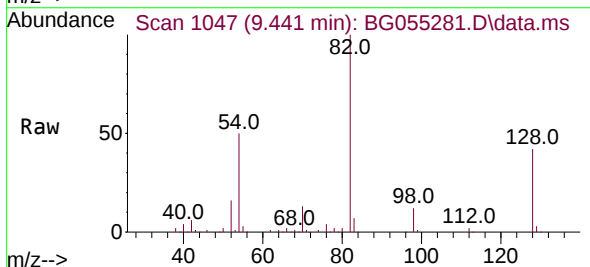
APPROVED

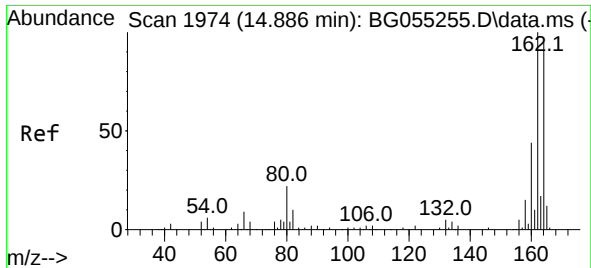
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#23
Nitrobenzene-d5
Concen: 46.980 ng
RT: 9.441 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

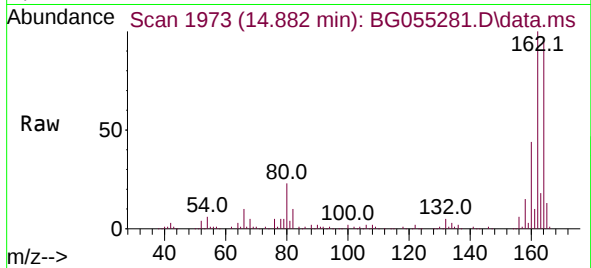
Tgt Ion: 82 Resp: 178321
Ion Ratio Lower Upper
82 100
128 41.8 32.0 48.0
54 49.7 40.9 61.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.882 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

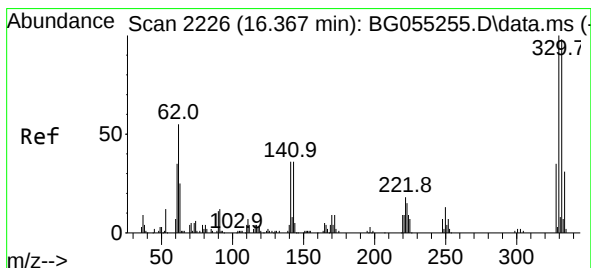
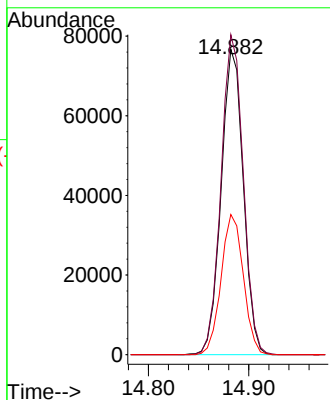
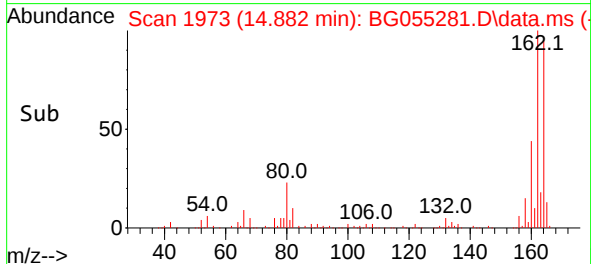
Instrument :
BNA_G
ClientSampleId :
WC-4-102122



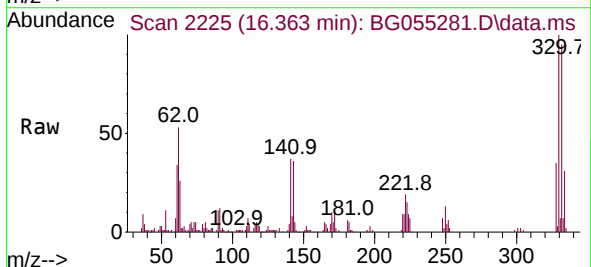
Tgt Ion:164 Resp: 117518
Ion Ratio Lower Upper
164 100
162 104.8 84.0 126.0
160 45.9 36.7 55.1

Manual Integrations
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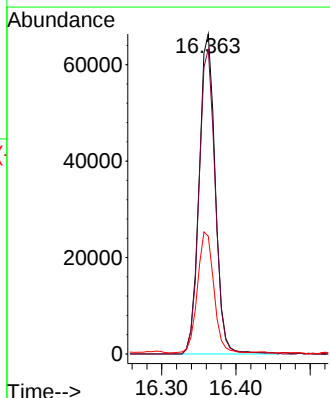
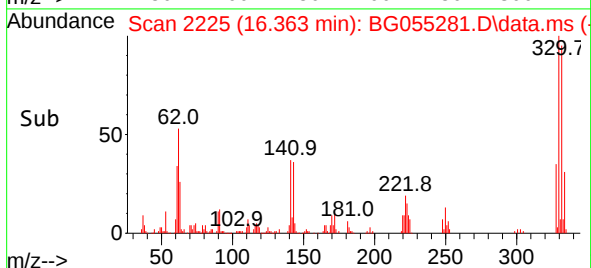
Reviewed By :Christian Giraldo 10/26/2022
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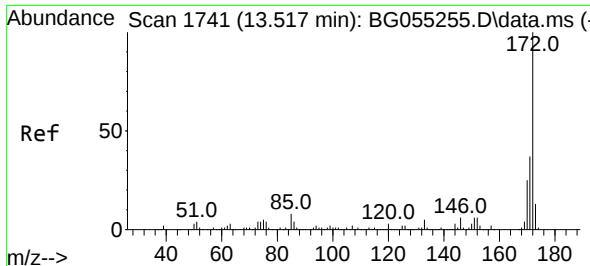


#42
2,4,6-Tribromophenol
Concen: 78.103 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



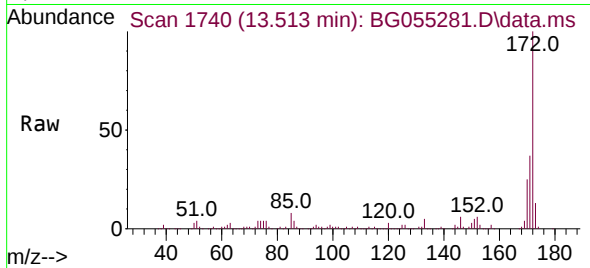
Tgt Ion:330 Resp: 99778
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 38.8 29.8 44.8





#45
2-Fluorobiphenyl
Concen: 49.729 ng
RT: 13.513 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

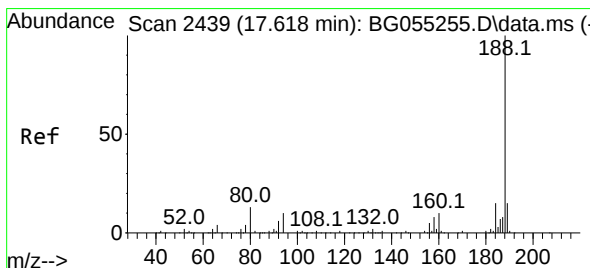
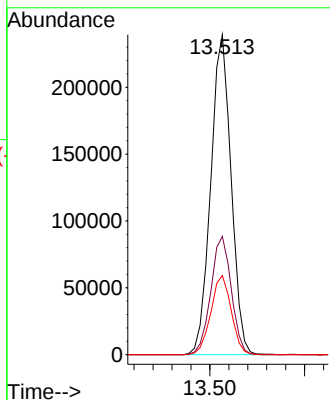
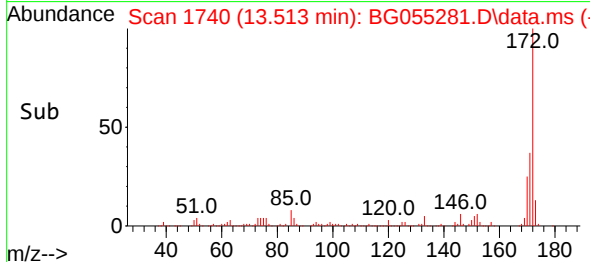
Instrument :
BNA_G
ClientSampleId :
WC-4-102122



Tgt Ion:172 Resp: 357049
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 20.2 30.2

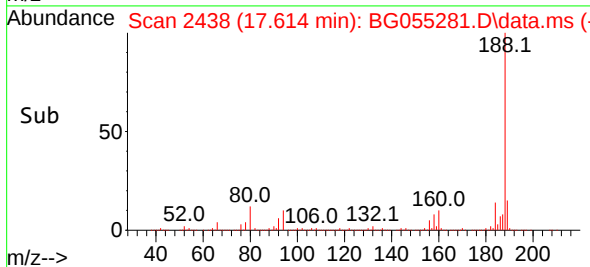
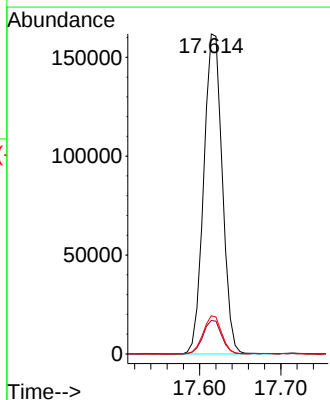
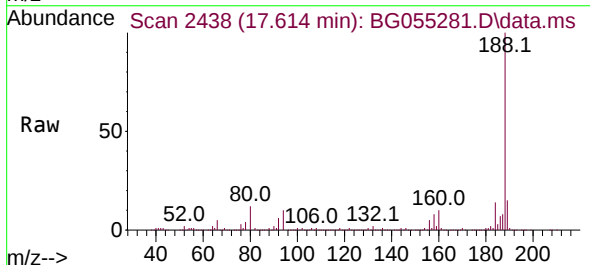
Manual Integrations
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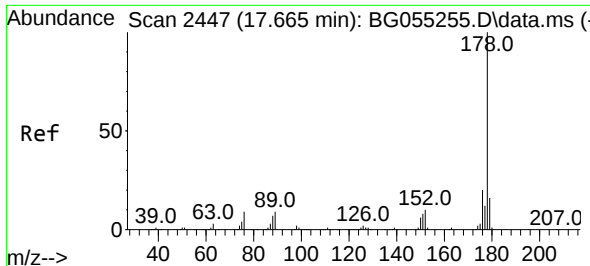
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.614 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

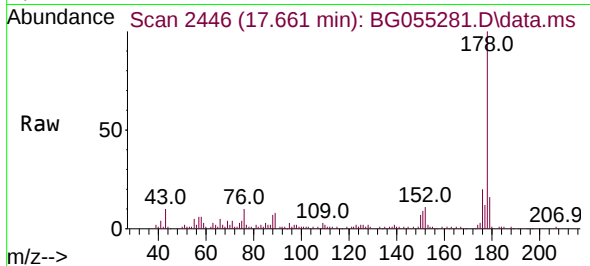
Tgt Ion:188 Resp: 256396
Ion Ratio Lower Upper
188 100
94 10.4 8.2 12.4
80 11.9 10.1 15.1





#71
Phenanthrene
Concen: 3.927 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

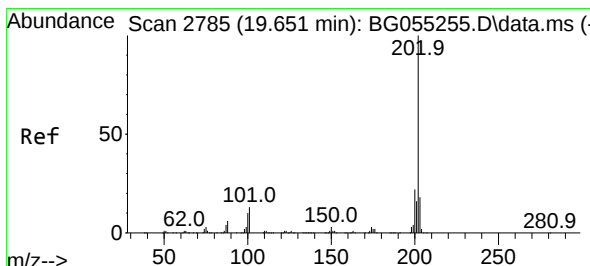
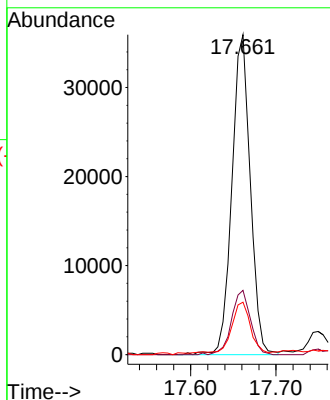
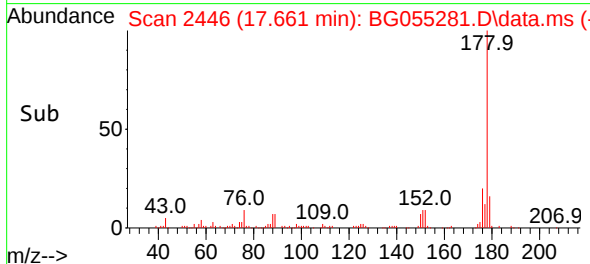
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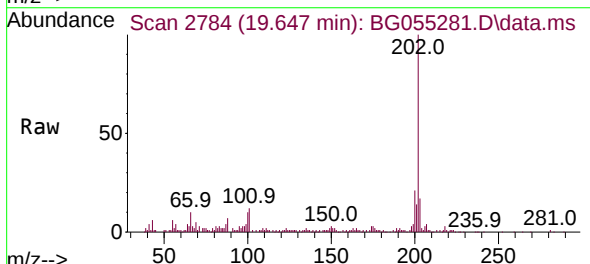
Tgt Ion:178 Resp: 53703
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.4 12.6 19.0

Manual Integrations
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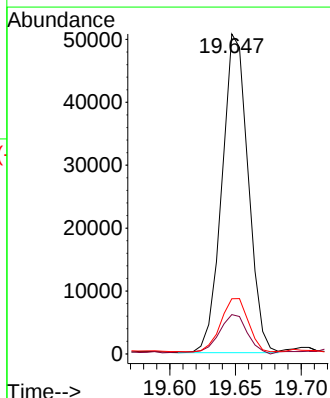
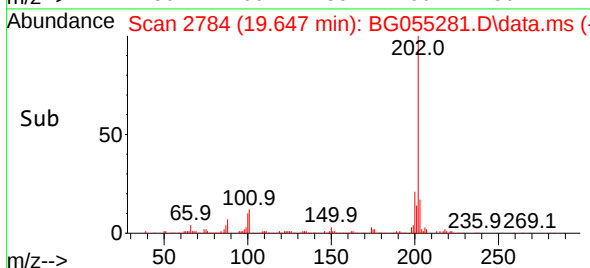
Reviewed By :Christian Giraldo 10/26/2022
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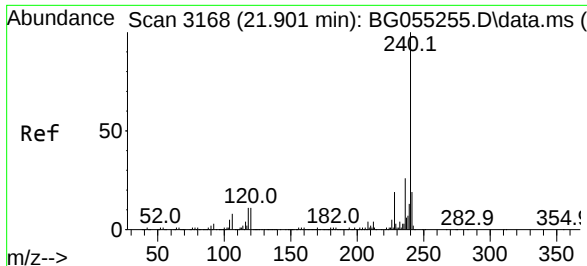


#75
Fluoranthene
Concen: 4.417 ng
RT: 19.647 min Scan# 2784
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



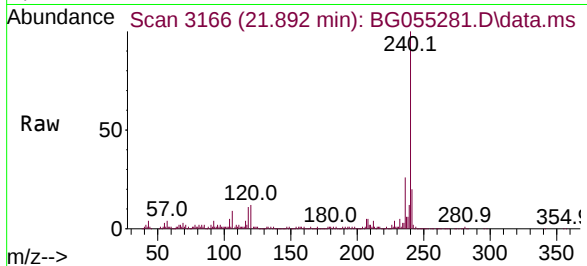
Tgt Ion:202 Resp: 70369
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.6
203 17.2 0.0 38.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3168
Delta R.T. -0.010 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

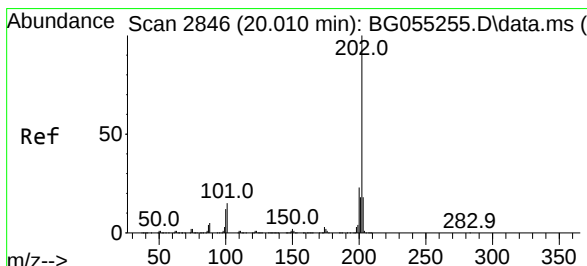
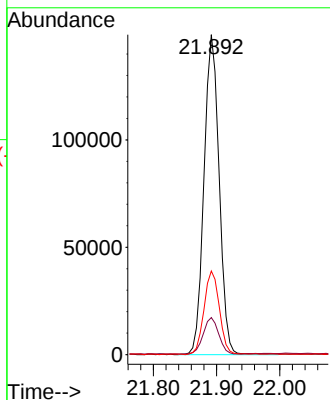
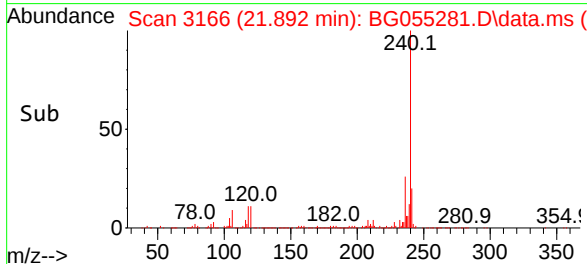
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:240 Resp: 248325
Ion Ratio Lower Upper
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120 11.6 8.9 13.3
236 26.1 21.0 31.4

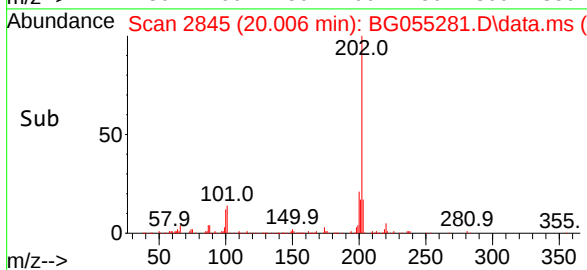
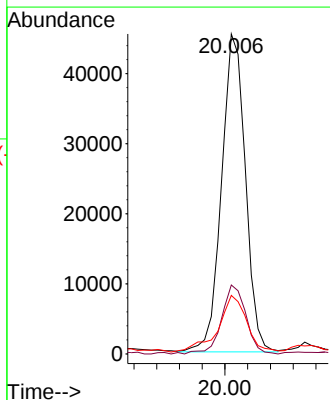
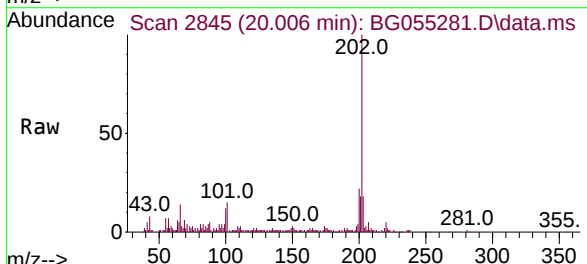
Manual Integrations
APPROVED

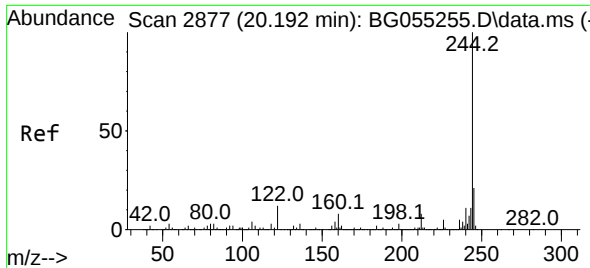
Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022



#78
Pyrene
Concen: 3.873 ng
RT: 20.006 min Scan# 2845
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

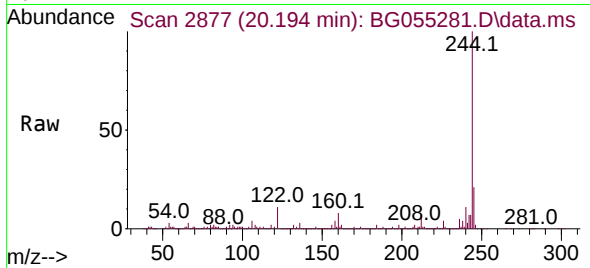
Tgt Ion:202 Resp: 65931
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 18.3 14.3 21.5





#79
 Terphenyl-d14
 Concen: 47.049 ng
 RT: 20.194 min Scan# 2877
 Delta R.T. 0.002 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32

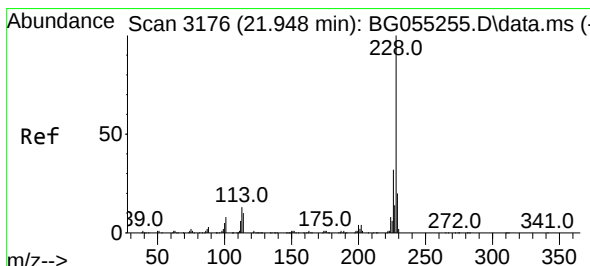
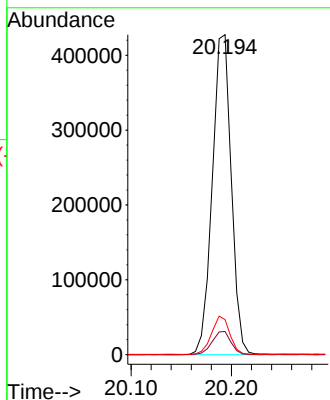
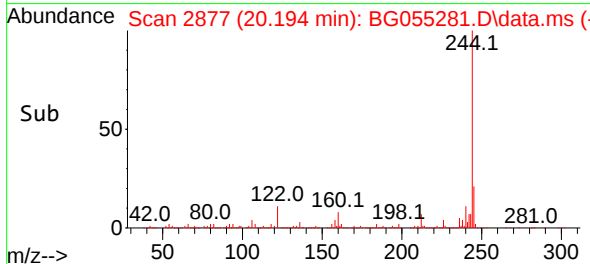
Instrument :
 BNA_G
 ClientSampleId :
 WC-4-102122



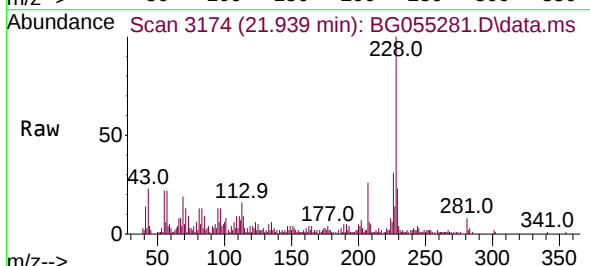
Tgt Ion:244 Resp: 562331
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.9 9.6 14.4

Manual Integrations
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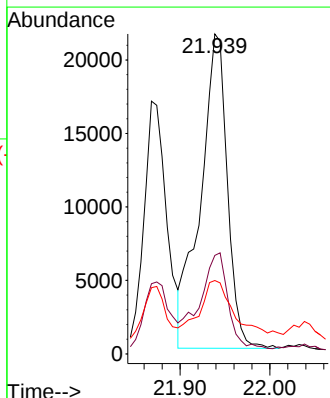
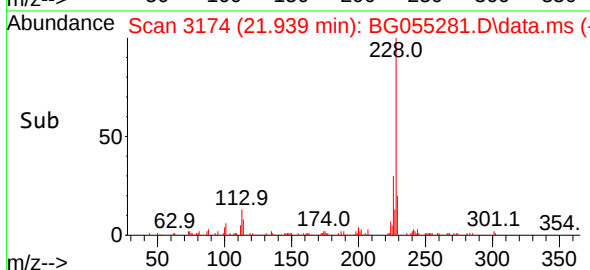
Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

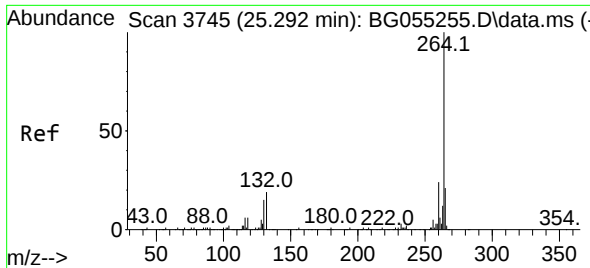


#83
 Chrysene
 Concen: 2.823 ng
 RT: 21.939 min Scan# 3174
 Delta R.T. -0.010 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32



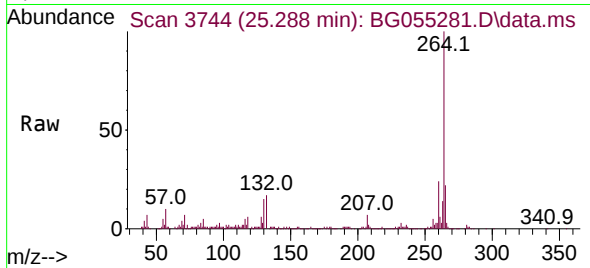
Tgt Ion:228 Resp: 44713
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.8 38.8
 229 23.0 16.3 24.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.288 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32

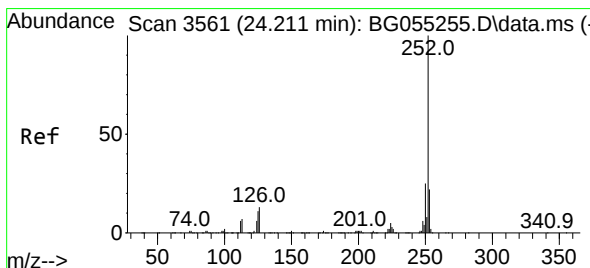
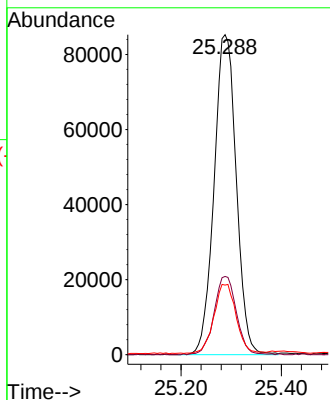
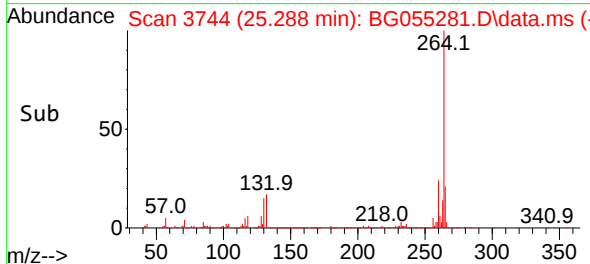
Instrument :
 BNA_G
 ClientSampleId :
 WC-4-102122



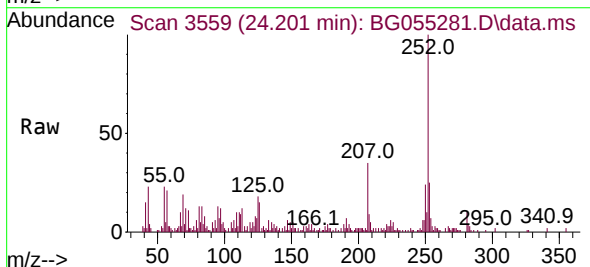
Tgt Ion:264 Resp: 261718
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.7 17.4 26.2

Manual Integrations
 APPROVED

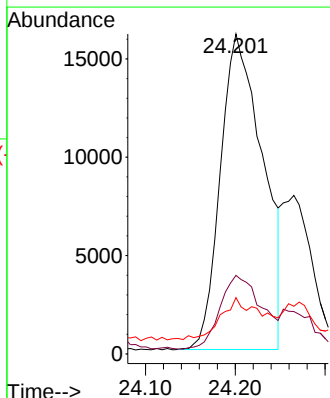
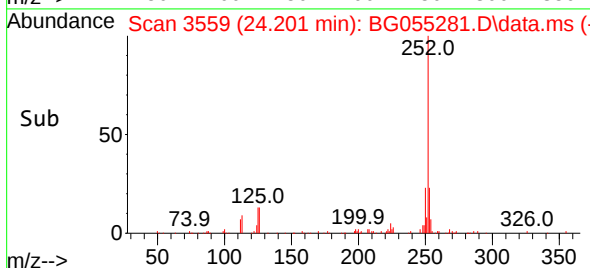
Reviewed By :Christian Giraldo 10/26/2022
 Supervised By :Jagrut Upadhyay 10/27/2022

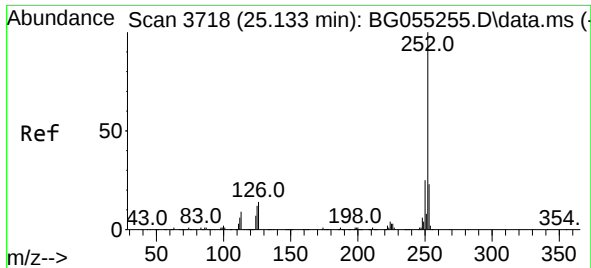


#88
 Benzo(b)fluoranthene
 Concen: 3.343 ng
 RT: 24.201 min Scan# 3559
 Delta R.T. -0.010 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32



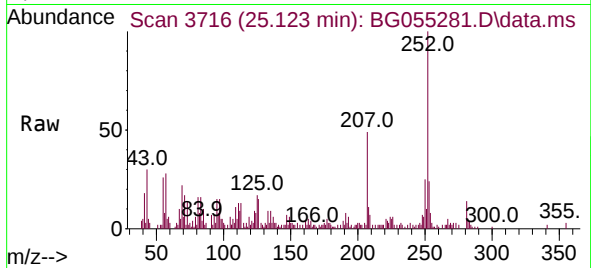
Tgt Ion:252 Resp: 52624
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.6 26.4
 125 17.6 9.0 13.4#





#90
Benzo(a)pyrene
Concen: 2.583 ng
RT: 25.123 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

Instrument :
BNA_G
ClientSampleId :
WC-4-102122



Tgt Ion:252 Resp: 34875
Ion Ratio Lower Upper
252 100
253 24.3 18.2 27.2
125 17.2 9.8 14.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/26/2022
Supervised By :Jagrut Upadhyay 10/27/2022

