

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055326.D
 Acq On : 27 Oct 2022 16:35
 Operator : CG/JU
 Sample : N5265-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11976

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 27 17:33:25 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	8.267	152	34160	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	147603	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	104867	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	241415	20.000	ng	0.00
76) Chrysene-d12	21.892	240	217656	20.000	ng	0.00
86) Perylene-d12	25.294	264	234898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	247077	126.647	ng	0.00
7) Phenol-d6	7.415	99	337461	119.395	ng	0.00
23) Nitrobenzene-d5	9.442	82	210118	72.690	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	156613	137.380	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	474420	74.047	ng	0.00
79) Terphenyl-d14	20.188	244	781390	74.589	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	29.195	276	62467	3.601	ng	Qvalue # 94
88) Benzo(b)fluoranthene	24.201	252	122397	8.662	ng	99
89) Benzo(k)fluoranthene	24.266	252	33153m	2.324	ng	
90) Benzo(a)pyrene	25.130	252	80112	6.612	ng	98
92) Benzo(g,h,i)perylene	30.435	276	56766	4.020	ng	97

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

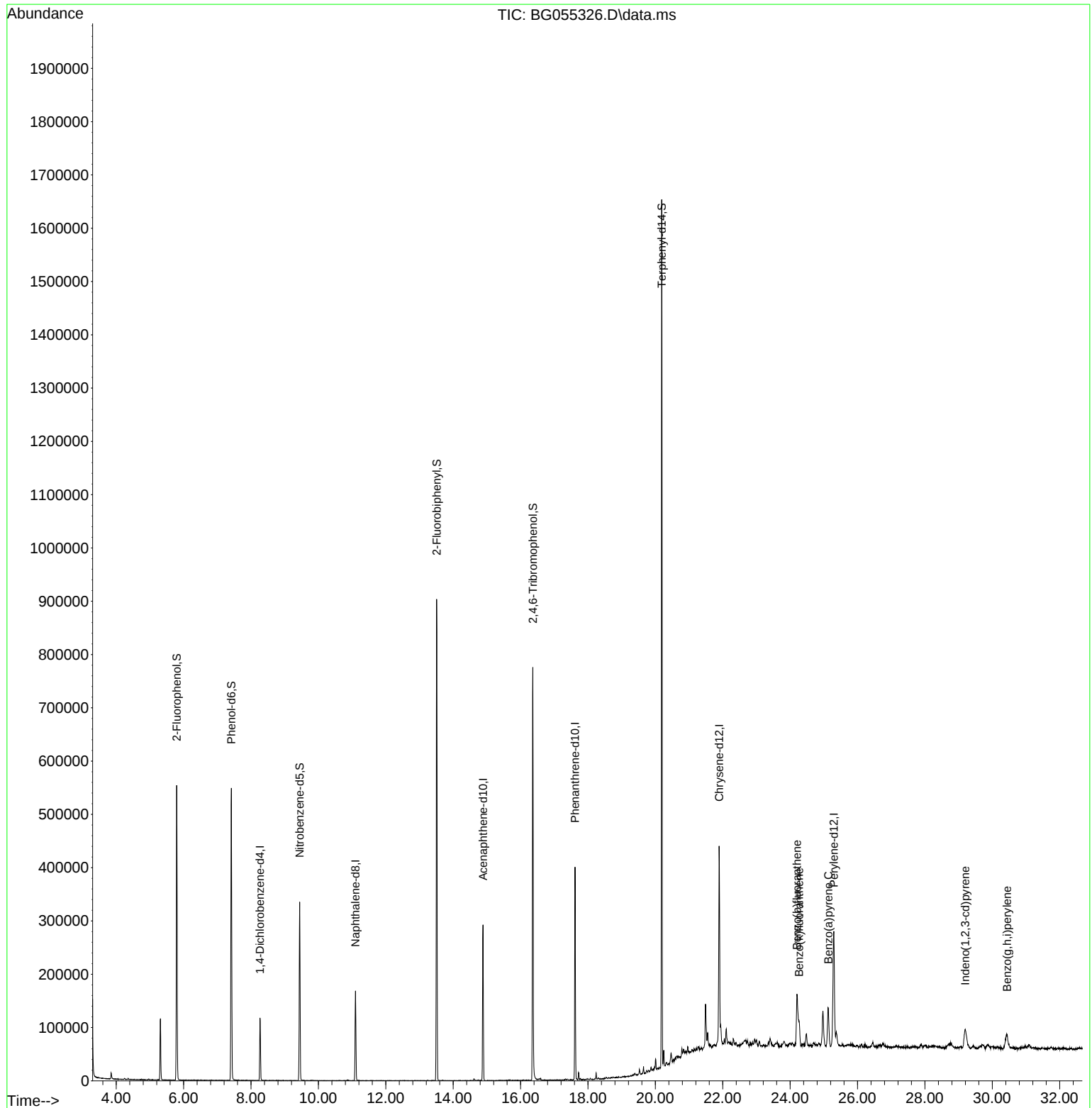
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055326.D
Acq On : 27 Oct 2022 16:35
Operator : CG/JU
Sample : N5265-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

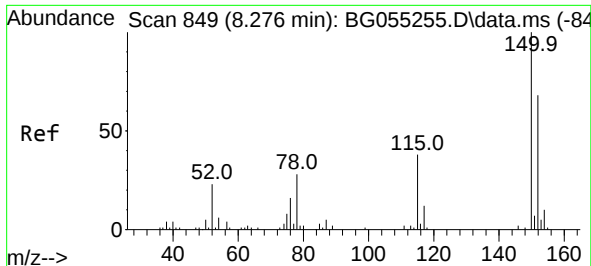
Instrument :
BNA_G
ClientSampleId :
72-11976

Quant Time: Oct 27 17:33:25 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

Manual Integrations
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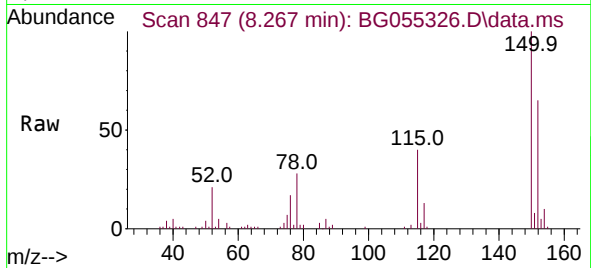
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.267 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

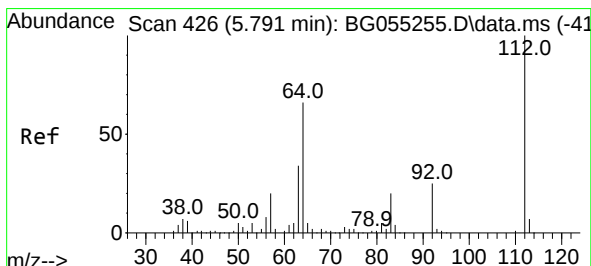
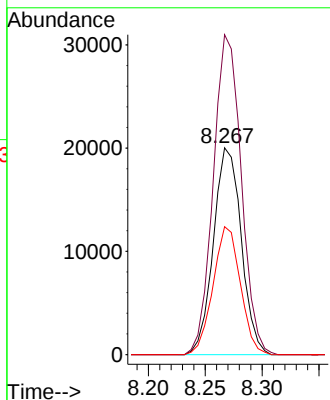
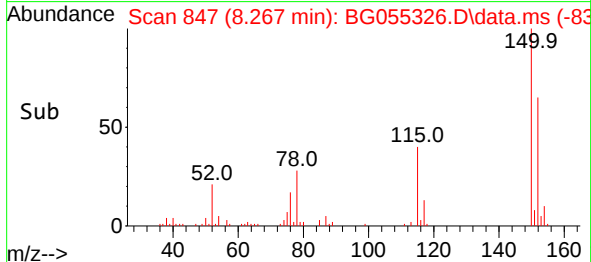
Instrument :
BNA_G
ClientSampleId :
72-11976



Tgt Ion:152 Resp: 34160
Ion Ratio Lower Upper
152 100
150 154.8 118.2 177.4
115 61.9 44.5 66.7

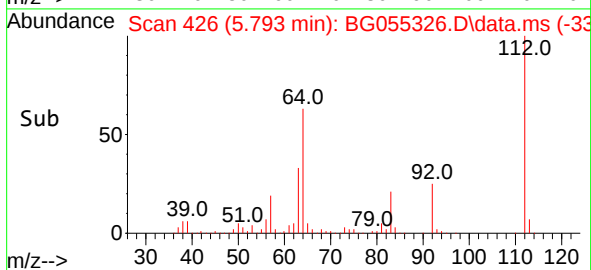
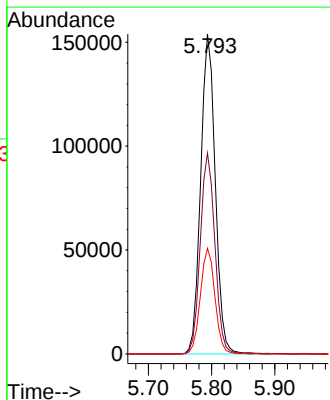
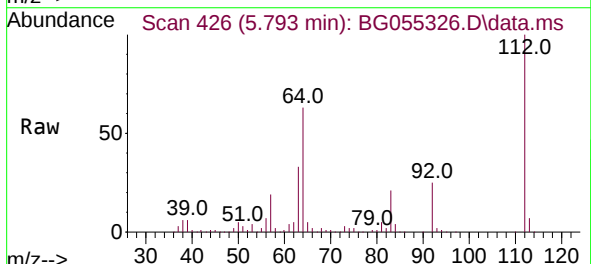
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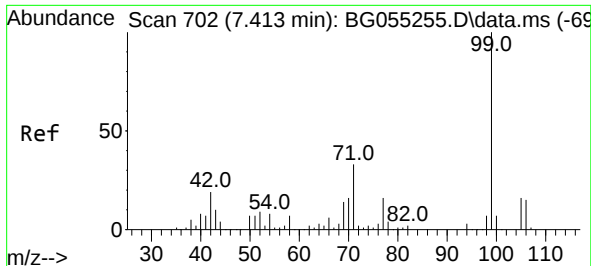
Reviewed By :Christian Giraldo 10/28/2022
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#5
2-Fluorophenol
Concen: 126.647 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

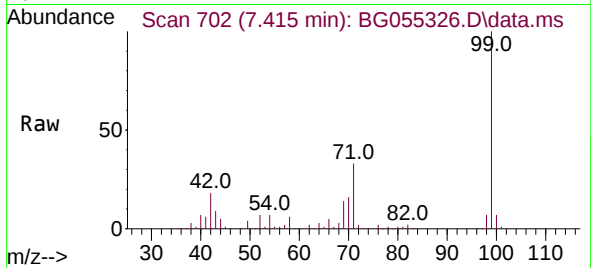
Tgt Ion:112 Resp: 247077
Ion Ratio Lower Upper
112 100
64 62.8 52.6 78.8
63 33.0 27.1 40.7





#7
Phenol-d6
Concen: 119.395 ng
RT: 7.415 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

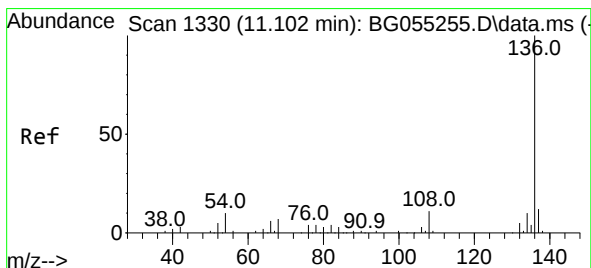
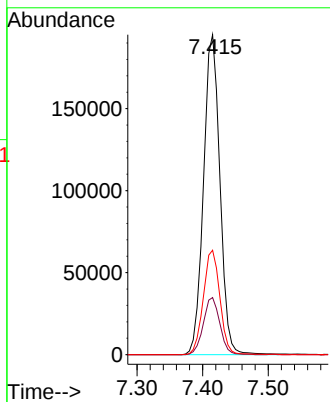
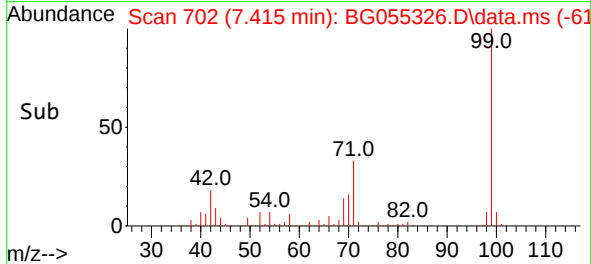
Instrument :
BNA_G
ClientSampleId :
72-11976



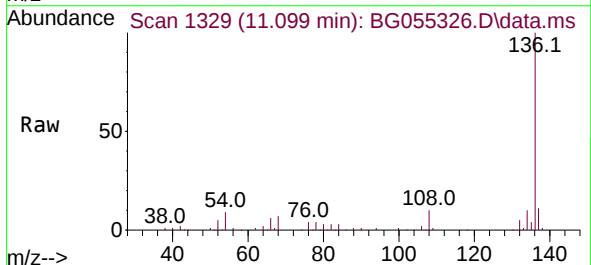
Tgt Ion: 99 Resp: 337463
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 32.6 26.2 39.4

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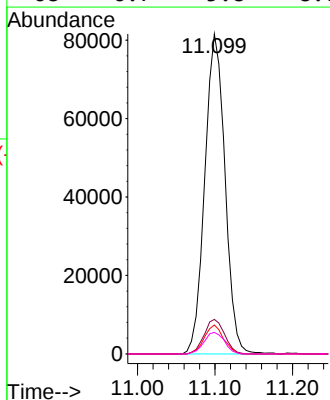
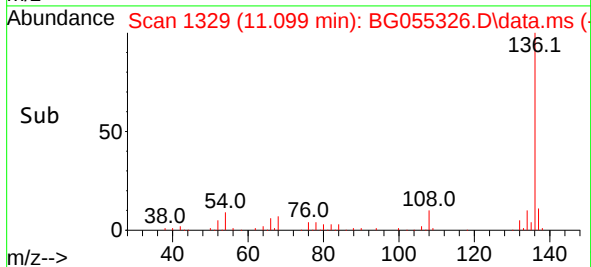
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022

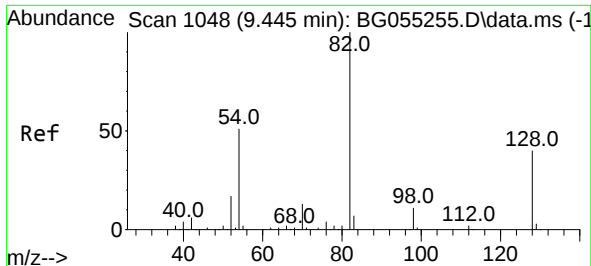


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35



Tgt Ion:136 Resp: 147603
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 9.0 7.8 11.8
68 6.7 5.8 8.6





#23

Nitrobenzene-d5

Concen: 72.690 ng

RT: 9.442 min Scan# 1048

Delta R.T. -0.003 min

Lab File: BG055326.D

Acq: 27 Oct 2022 16:35

Instrument :

BNA_G

ClientSampleId :

72-11976

Tgt Ion: 82 Resp: 210118

Ion Ratio Lower Upper

82 100

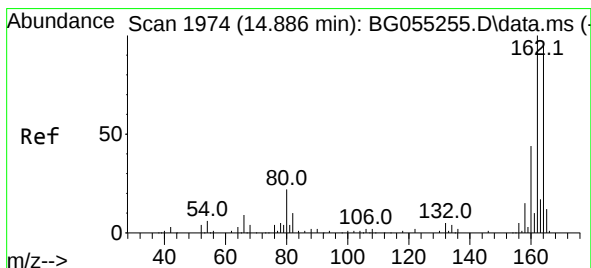
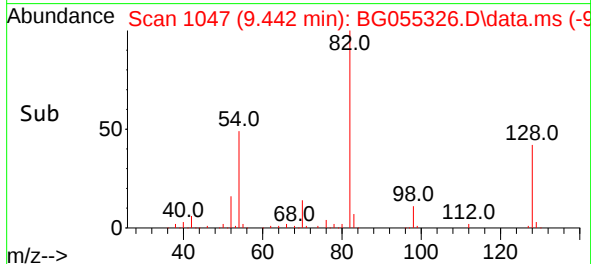
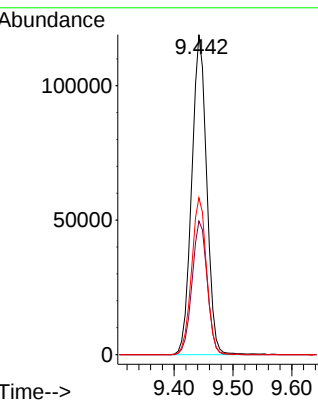
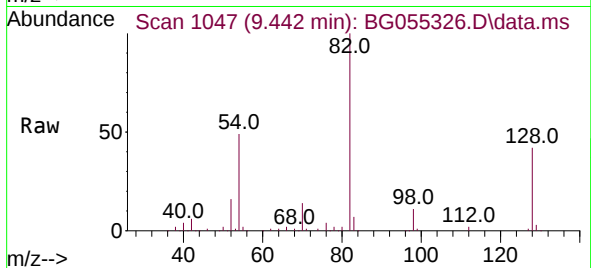
128 41.7 32.0 48.0

54 49.0 40.9 61.3

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.003 min

Lab File: BG055326.D

Acq: 27 Oct 2022 16:35

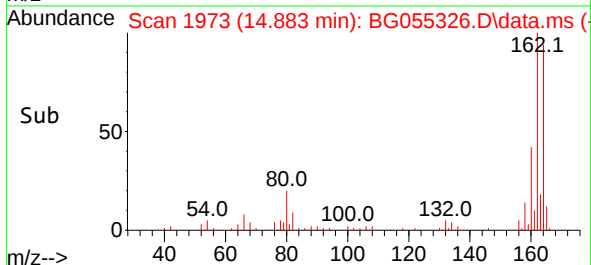
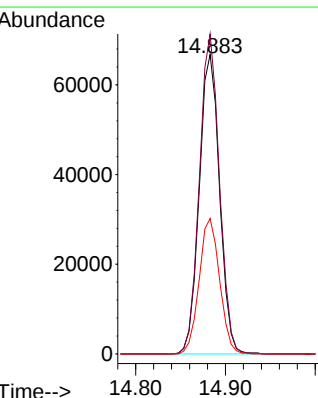
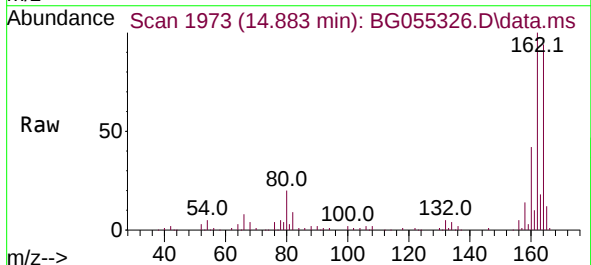
Tgt Ion:164 Resp: 104867

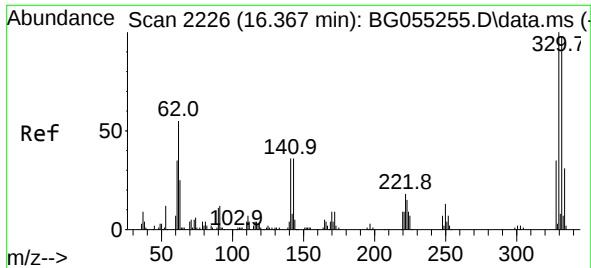
Ion Ratio Lower Upper

164 100

162 106.9 84.0 126.0

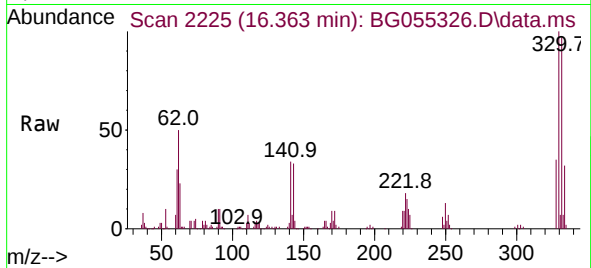
160 45.2 36.7 55.1





#42
2,4,6-Tribromophenol
Concen: 137.380 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

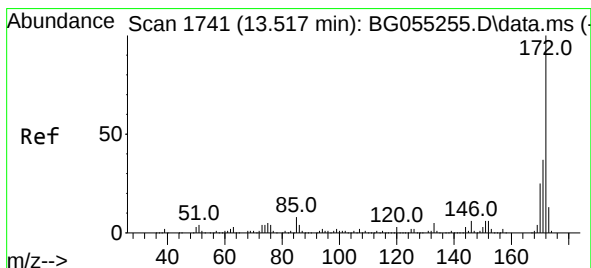
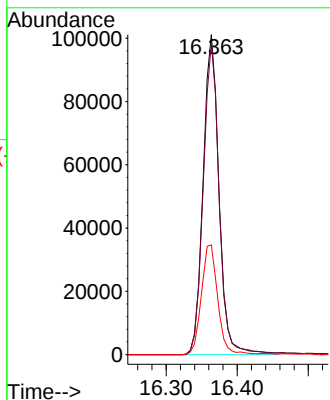
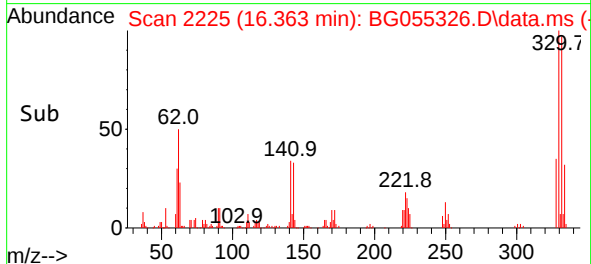
Instrument :
BNA_G
ClientSampleId :
72-11976



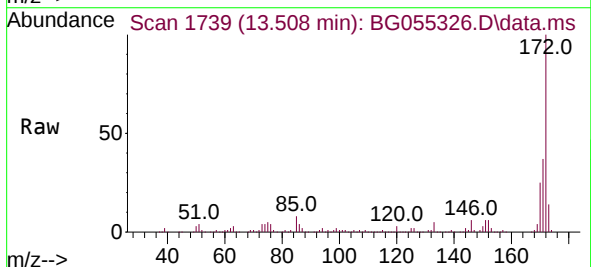
Tgt Ion:330 Resp: 156613
Ion Ratio Lower Upper
330 100
332 97.9 77.4 116.0
141 35.1 29.8 44.8

Manual Integrations
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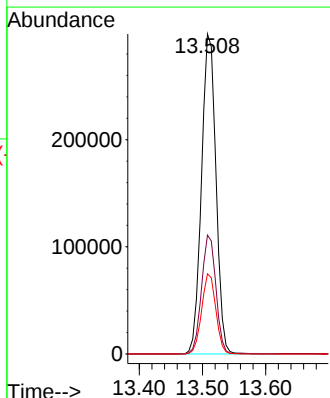
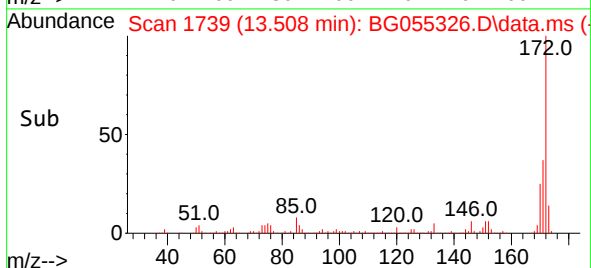
Reviewed By :Christian Giraldo 10/28/2022
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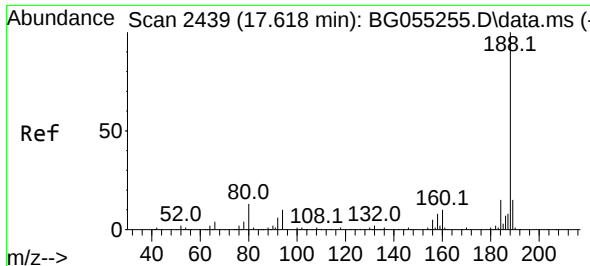


#45
2-Fluorobiphenyl
Concen: 74.047 ng
RT: 13.508 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35



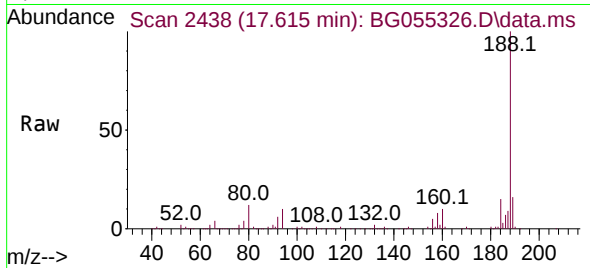
Tgt Ion:172 Resp: 474420
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 25.0 20.2 30.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

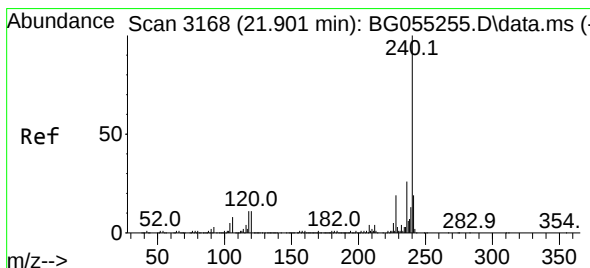
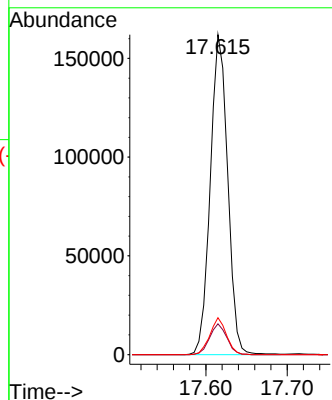
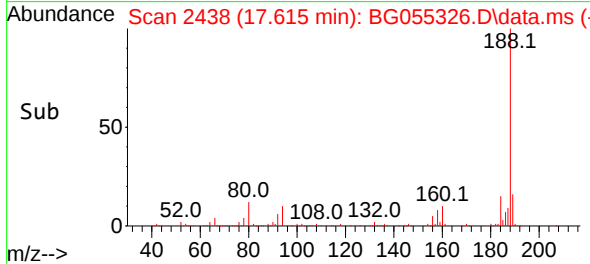
Instrument :
BNA_G
ClientSampleId :
72-11976



Tgt Ion:188 Resp: 241415
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 11.5 10.1 15.1

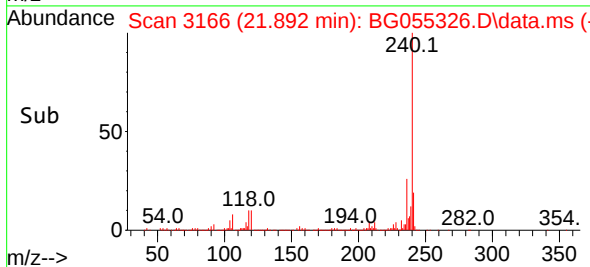
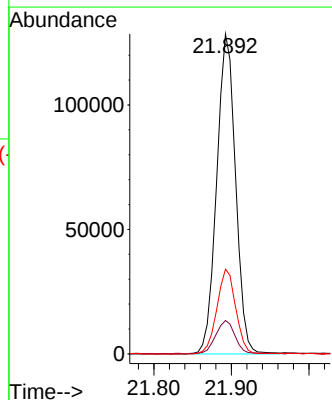
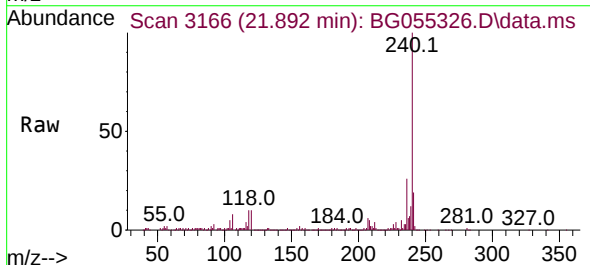
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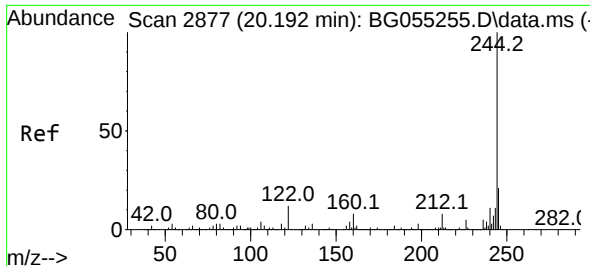
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3166
Delta R.T. -0.009 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

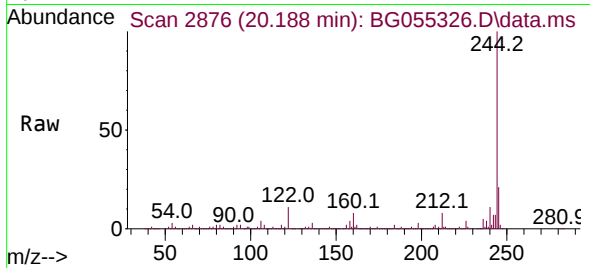
Tgt Ion:240 Resp: 217656
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 26.5 21.0 31.4





#79
 Terphenyl-d14
 Concen: 74.589 ng
 RT: 20.188 min Scan# 2876
 Delta R.T. -0.003 min
 Lab File: BG055326.D
 Acq: 27 Oct 2022 16:35

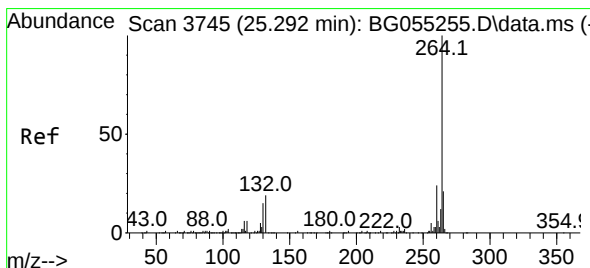
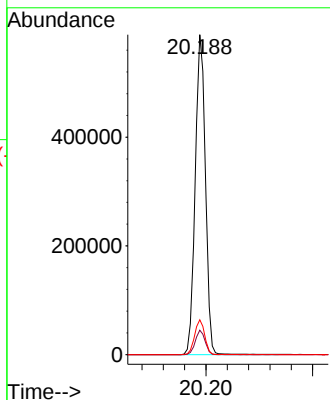
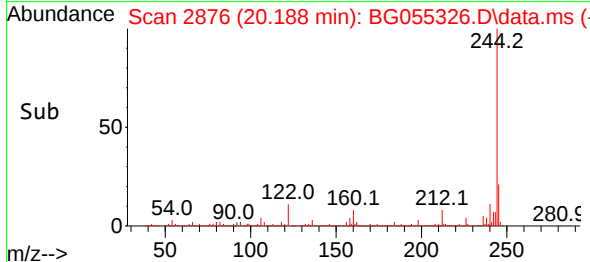
Instrument :
 BNA_G
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 72-11976



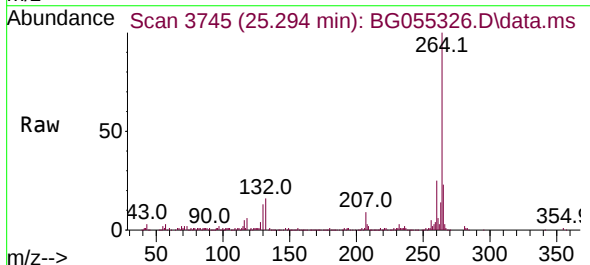
Tgt Ion:244 Resp: 781390
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.9 9.6 14.4

Manual Integrations
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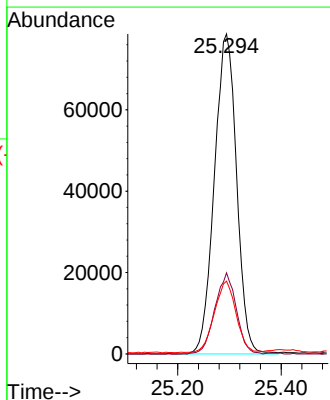
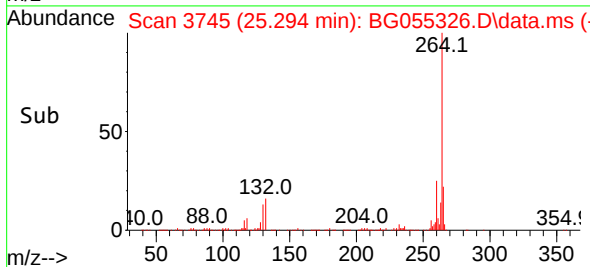
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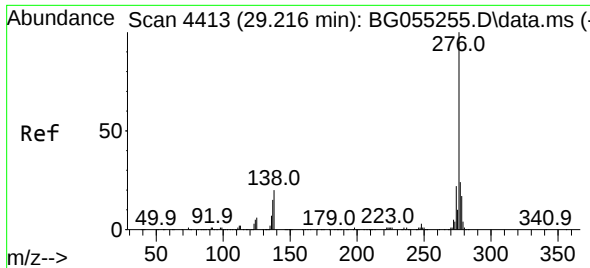


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.294 min Scan# 3745
 Delta R.T. 0.003 min
 Lab File: BG055326.D
 Acq: 27 Oct 2022 16:35



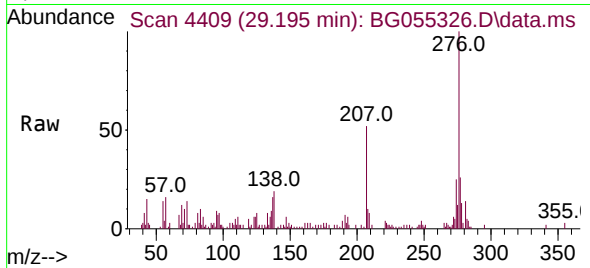
Tgt Ion:264 Resp: 234898
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 22.7 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.601 ng
 RT: 29.195 min Scan# 4413
 Delta R.T. -0.021 min
 Lab File: BG055326.D
 Acq: 27 Oct 2022 16:35

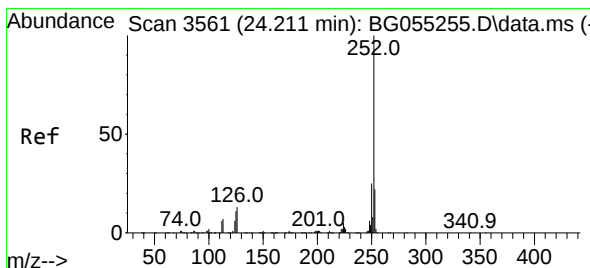
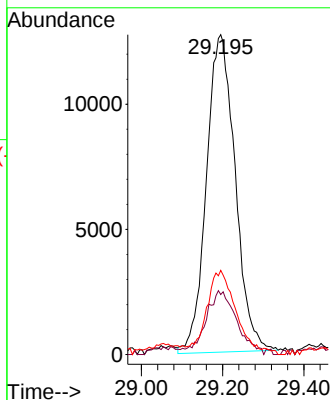
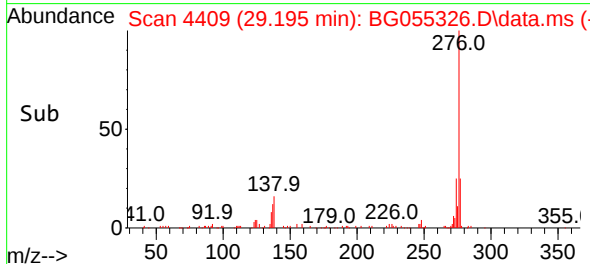
Instrument :
 BNA_G
 ClientSampleId :
 72-11976



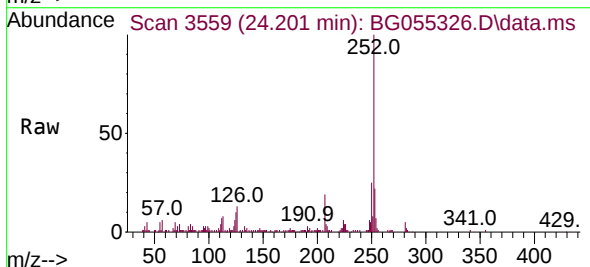
Tgt Ion:276 Resp: 62462
 Ion Ratio Lower Upper
 276 100
 138 21.4 13.9 20.9
 277 23.2 20.3 30.5

Manual Integrations
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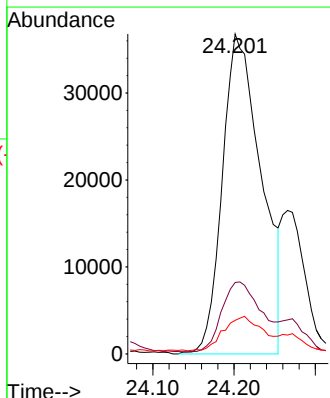
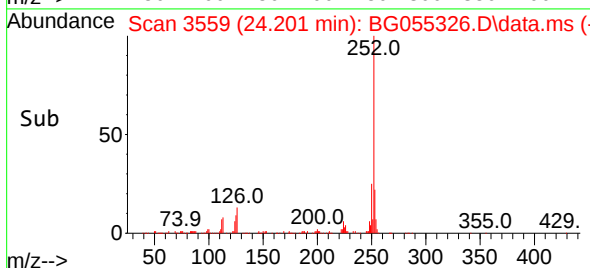
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/02/2022

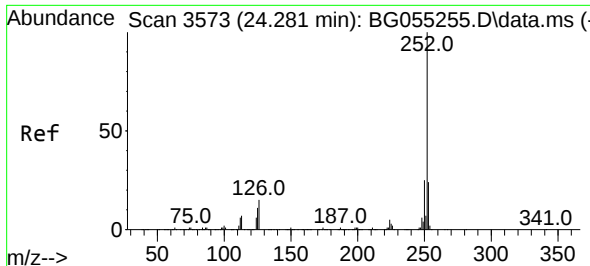


#88
 Benzo(b)fluoranthene
 Concen: 8.662 ng
 RT: 24.201 min Scan# 3559
 Delta R.T. -0.009 min
 Lab File: BG055326.D
 Acq: 27 Oct 2022 16:35



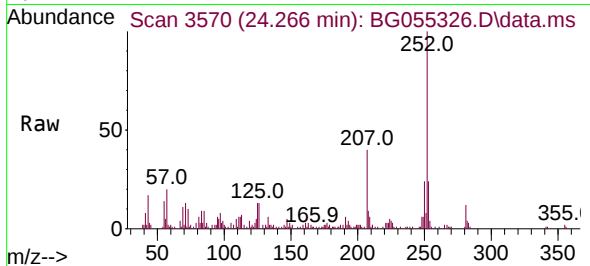
Tgt Ion:252 Resp: 122397
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.6 26.4
 125 10.5 9.0 13.4





#89
Benzo(k)fluoranthene
Concen: 2.324 ng m
RT: 24.266 min Scan# 3573
Delta R.T. -0.015 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35

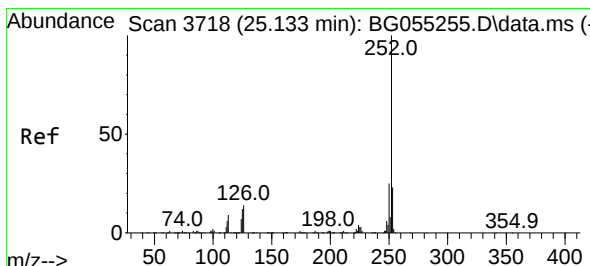
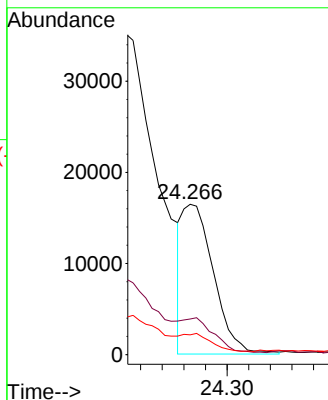
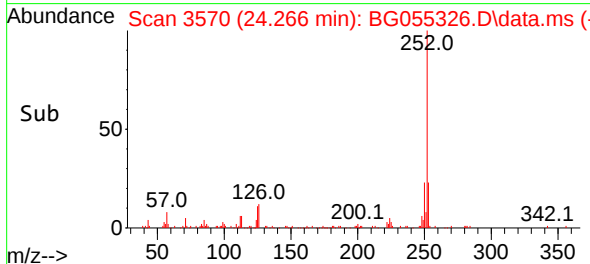
Instrument :
BNA_G
ClientSampleId :
72-11976



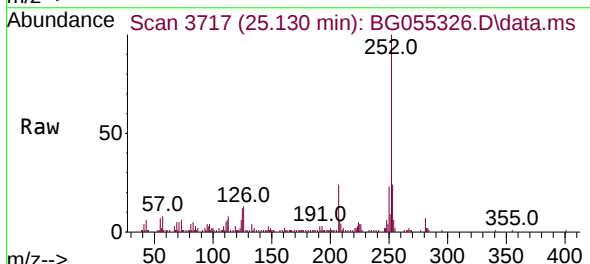
Tgt Ion:252 Resp: 33153
Ion Ratio Lower Upper
252 100
253 23.7 18.6 27.8
125 13.1 9.1 13.7

Manual Integrations
APPROVED

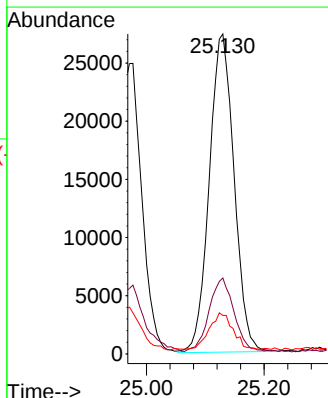
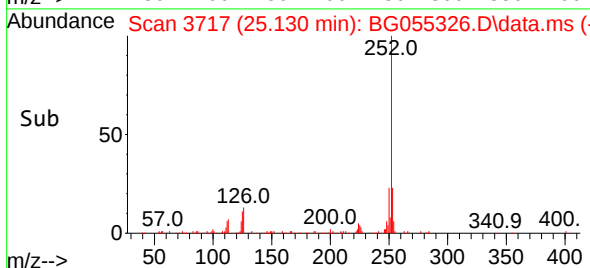
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/02/2022

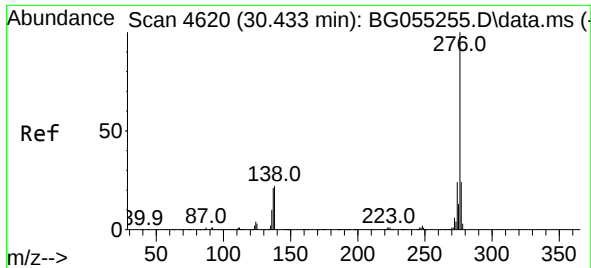


#90
Benzo(a)pyrene
Concen: 6.612 ng
RT: 25.130 min Scan# 3717
Delta R.T. -0.003 min
Lab File: BG055326.D
Acq: 27 Oct 2022 16:35



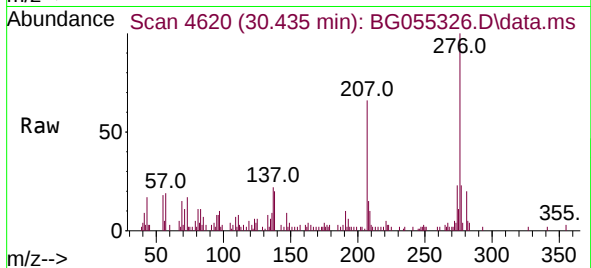
Tgt Ion:252 Resp: 80112
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.2
125 12.0 9.8 14.8





#92
 Benzo(g,h,i)perylene
 Concen: 4.020 ng
 RT: 30.435 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: BG055326.D
 Acq: 27 Oct 2022 16:35

Instrument :
 BNA_G
 ClientSampleId :
 72-11976



Tgt Ion:	276	Resp:	56766
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.1	28.7
138	19.6	17.2	25.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/02/2022

