

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052316.D
 Acq On : 8 Feb 2022 13:07
 Operator : CG/JU
 Sample : N1391-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-020322

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2022
 Supervised By : mohammad ahmed 02/15/2022

Quant Time: Feb 08 13:44:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	33463	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	142671	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	99701	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	205332	20.000	ng	0.00
76) Chrysene-d12	21.934	240	177792	20.000	ng	0.00
86) Perylene-d12	25.412	264	185494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	224575	116.966	ng	0.00
7) Phenol-d6	7.371	99	337366	113.880	ng	0.00
23) Nitrobenzene-d5	9.398	82	234142	71.326	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	158135	110.401	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	530768	73.973	ng	0.00
79) Terphenyl-d14	20.213	244	703959	69.919	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.395	94	6481	2.202	ng	81
75) Fluoranthene	19.667	202	35307	2.620	ng	96
78) Pyrene	20.025	202	43275	3.638	ng	97
83) Chrysene	21.981	228	25945m	2.327	ng	
88) Benzo(b)fluoranthene	24.296	252	23955m	2.072	ng	
90) Benzo(a)pyrene	25.247	252	22072	2.260	ng	# 95

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

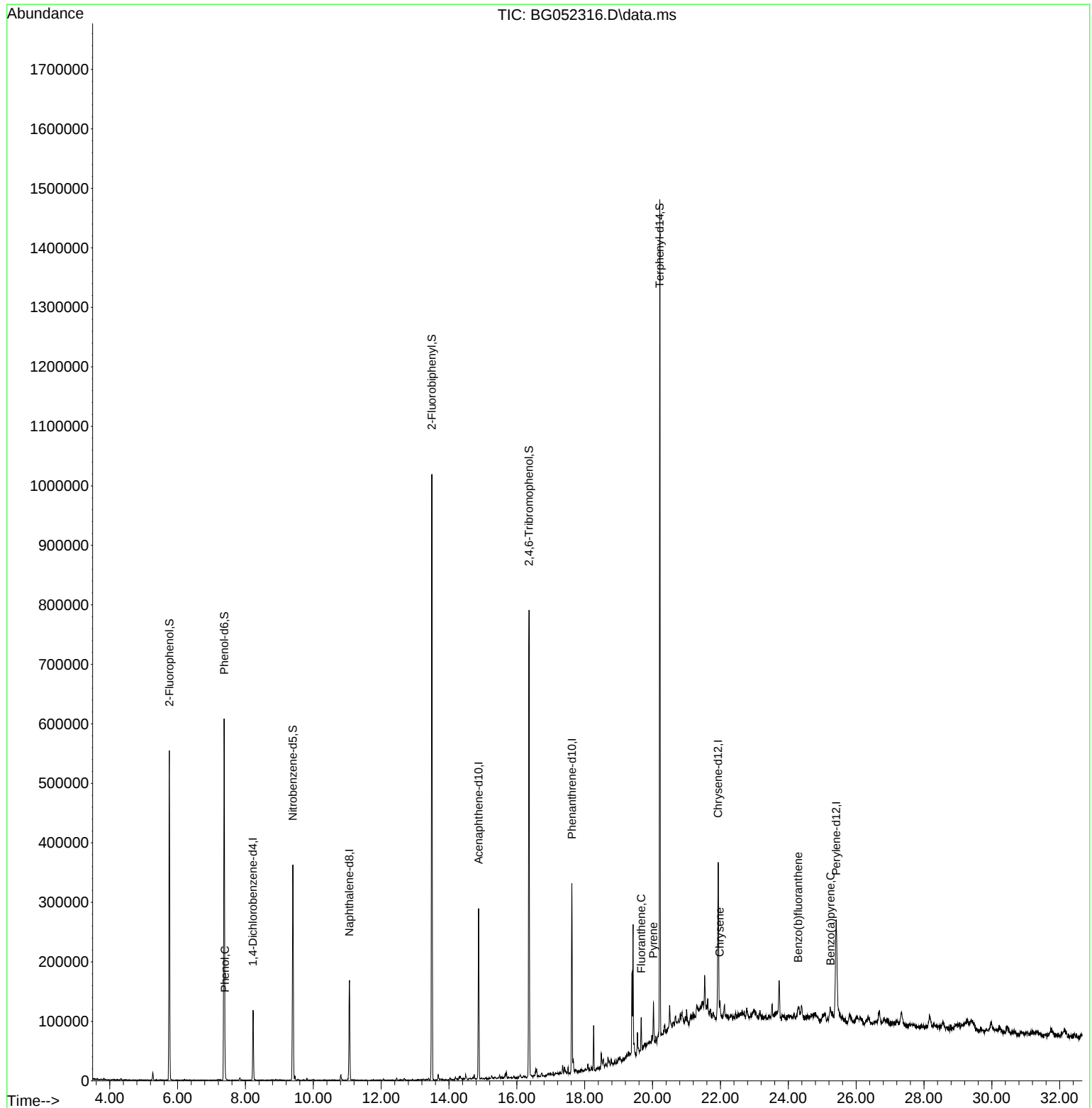
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052316.D
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ALS Vial : 6 Sample Multiplier: 1

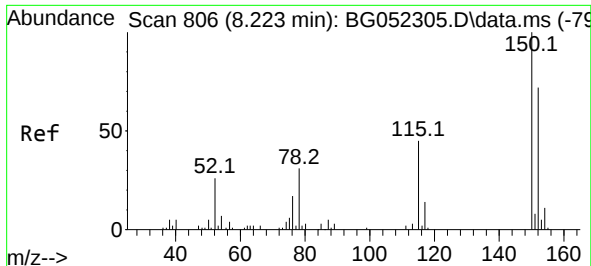
Instrument :
BNA_G
ClientSampleId :
TR-04-020322

Quant Time: Feb 08 13:44:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

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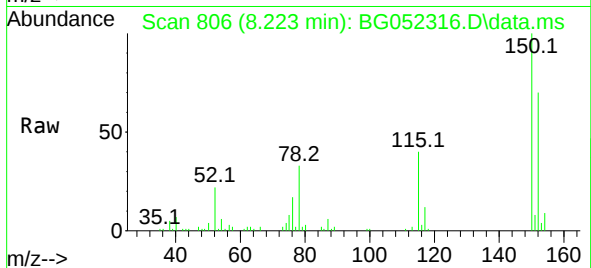
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

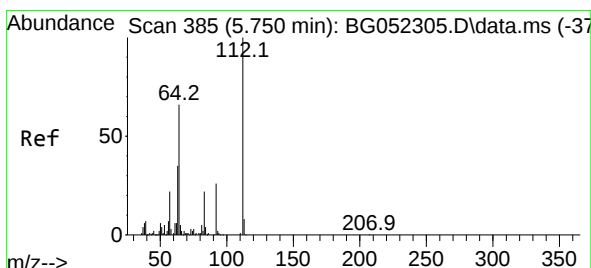
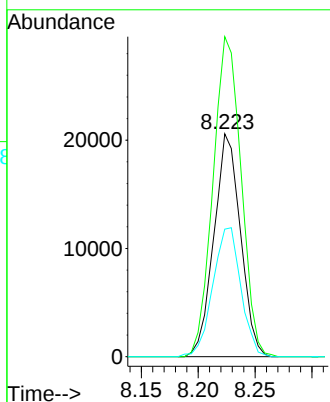
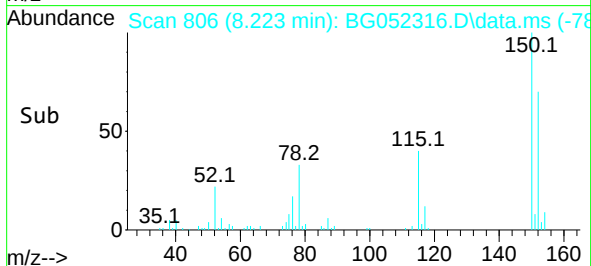
Instrument :
BNA_G
ClientSampleId :
TR-04-020322



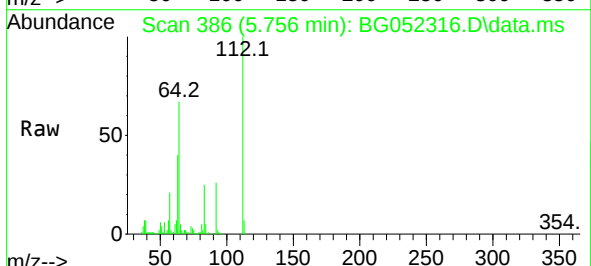
Tgt Ion:152 Resp: 3346
Ion Ratio Lower Upper
152 100
150 143.5 117.8 176.8
115 57.2 50.2 75.2

Manual Integrations
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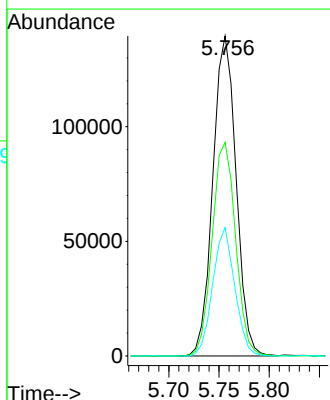
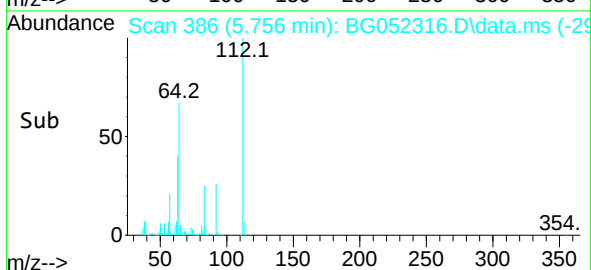
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

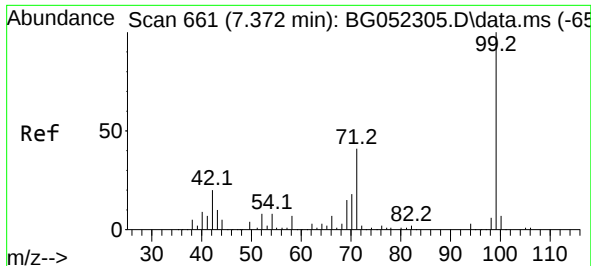


#5
2-Fluorophenol
Concen: 116.966 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07



Tgt Ion:112 Resp: 224575
Ion Ratio Lower Upper
112 100
64 66.8 60.4 90.6
63 40.1 33.3 49.9





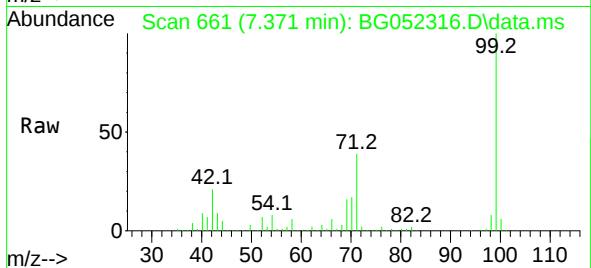
#7
Phenol-d6
Concen: 113.880 ng
RT: 7.371 min Scan# 661
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

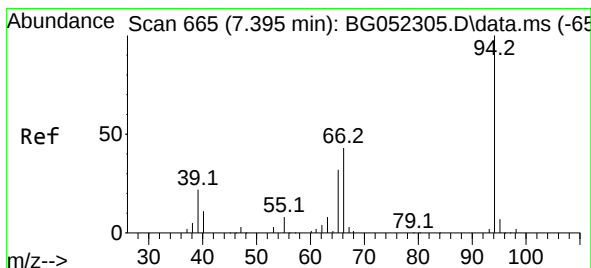
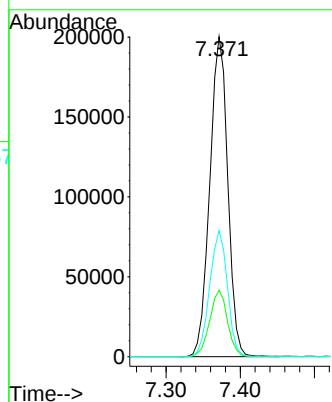
TR-04-020322



Tgt Ion: 99 Resp: 337360
Ion Ratio Lower Upper
99 100
42 20.7 19.1 28.7
71 39.3 33.4 50.2

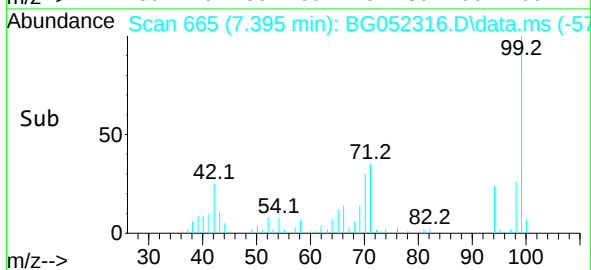
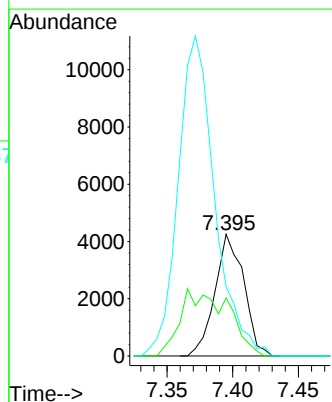
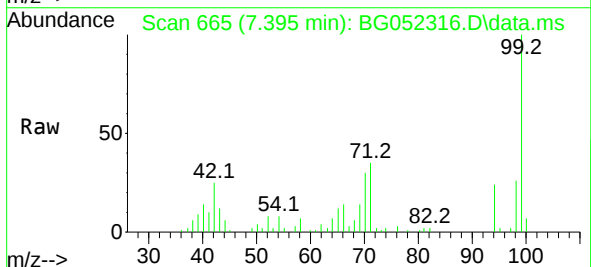
Manual Integrations
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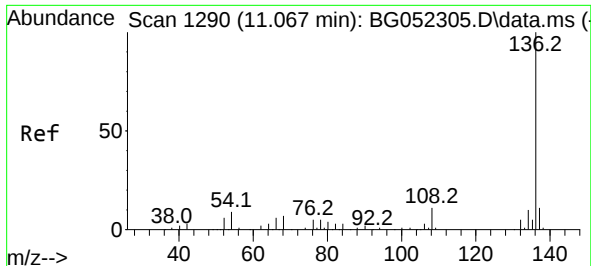
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#10
Phenol
Concen: 2.202 ng
RT: 7.395 min Scan# 665
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Tgt Ion: 94 Resp: 6481
Ion Ratio Lower Upper
94 100
65 47.8 14.1 54.1
66 57.0 26.6 66.6





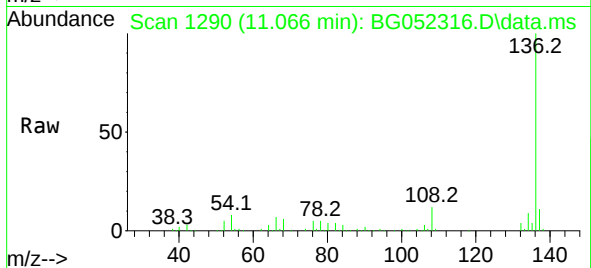
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

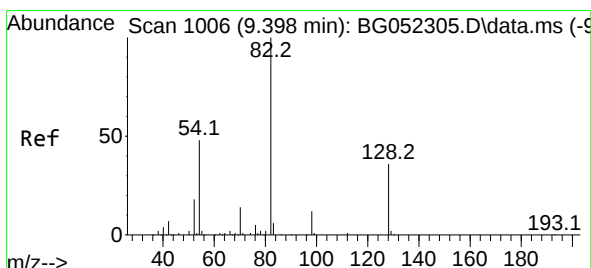
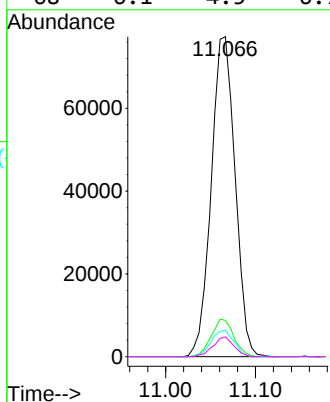
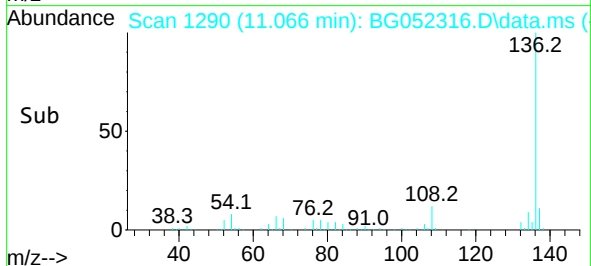
TR-04-020322



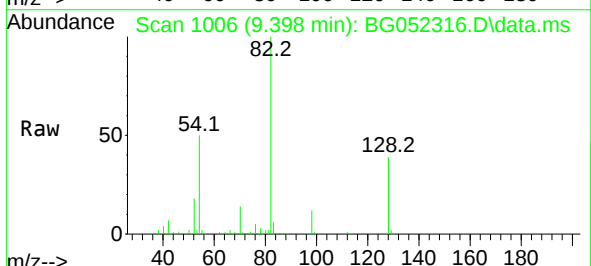
Tgt Ion:136 Resp: 14267
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 8.3 12.5
68 6.1 4.5 6.7

Manual Integrations
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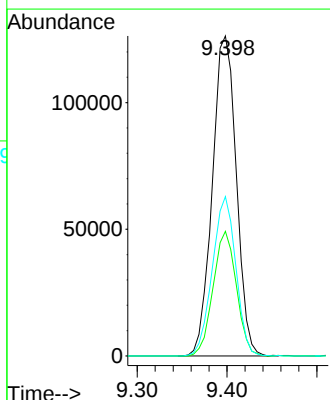
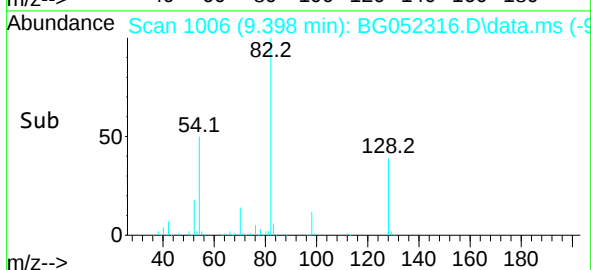
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

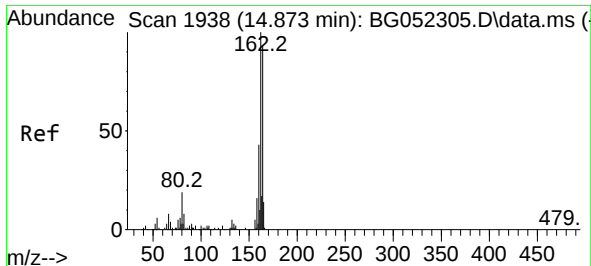


#23
Nitrobenzene-d5
Concen: 71.326 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07



Tgt Ion: 82 Resp: 234142
Ion Ratio Lower Upper
82 100
128 38.9 27.0 40.4
54 49.8 41.0 61.6





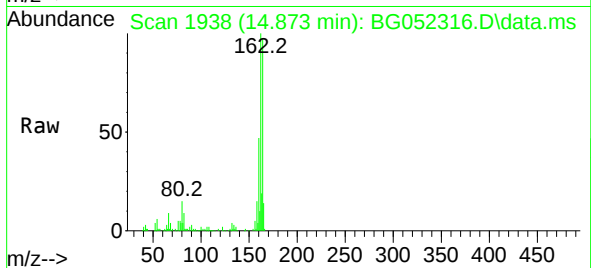
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

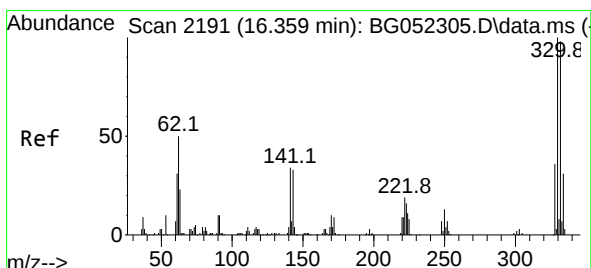
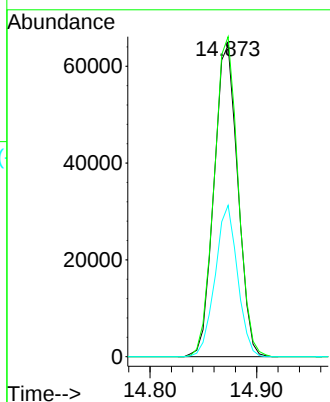
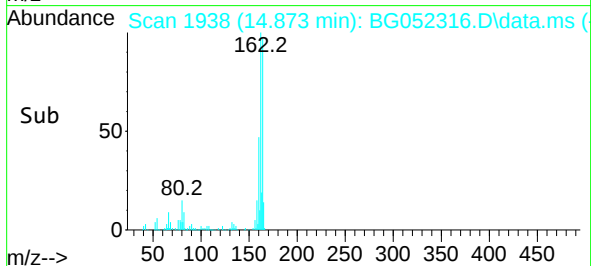
TR-04-020322



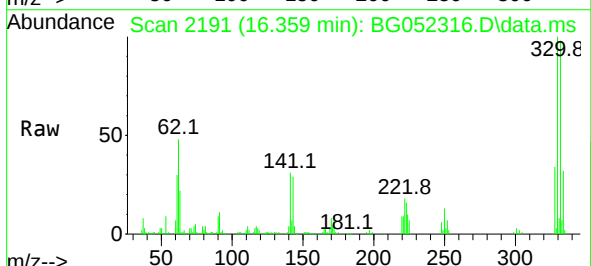
Tgt Ion:164 Resp: 9970
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.2
160 48.6 36.2 54.2

Manual Integrations
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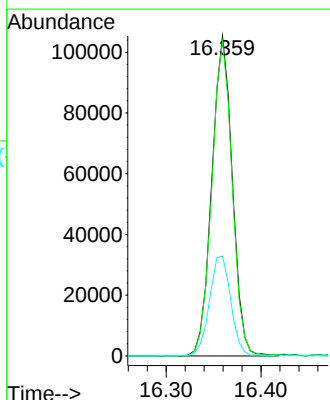
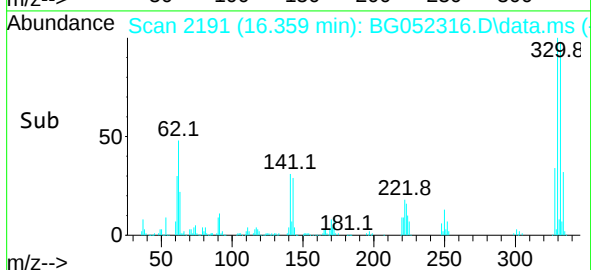
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

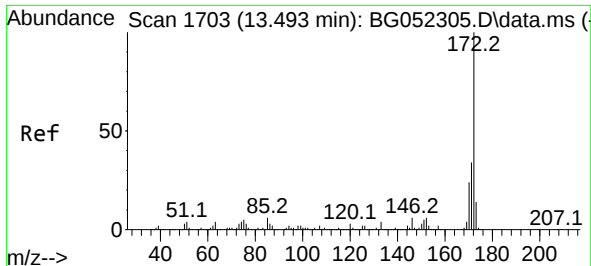


#42
2,4,6-Tribromophenol
Concen: 110.401 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07



Tgt Ion:330 Resp: 158135
Ion Ratio Lower Upper
330 100
332 97.5 78.6 117.8
141 32.6 28.8 43.2





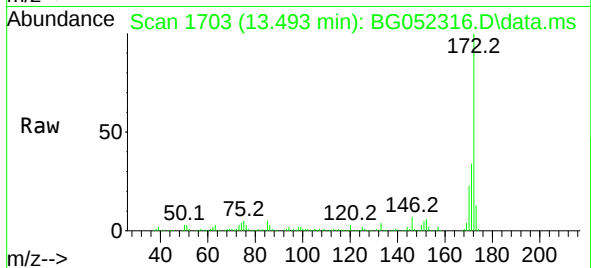
#45
2-Fluorobiphenyl
Concen: 73.973 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

TR-04-020322

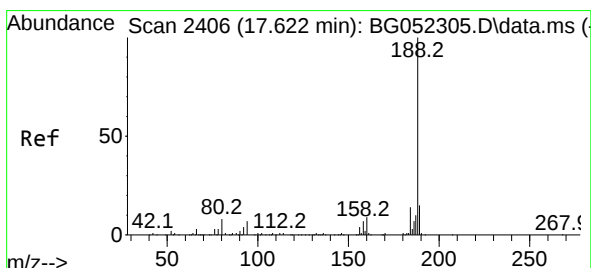
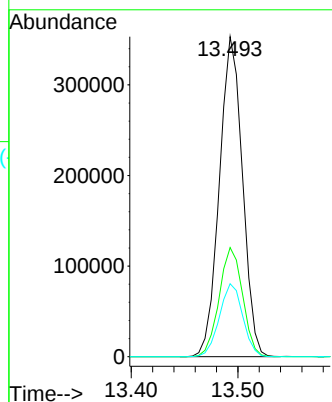
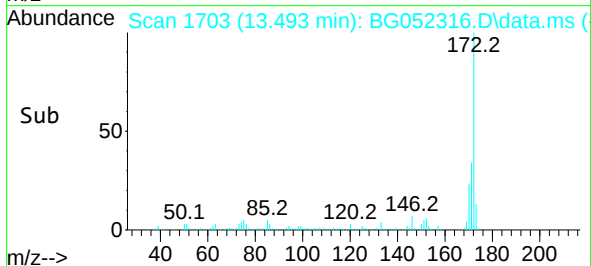


Tgt Ion:172 Resp: 530768
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 22.8 18.3 27.5

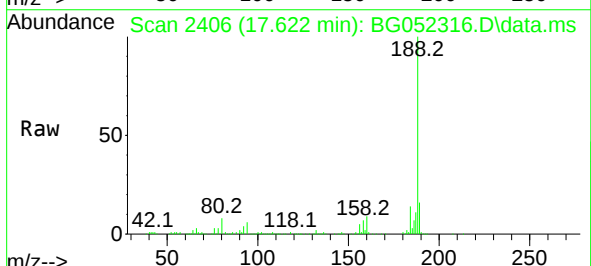
Manual Integrations

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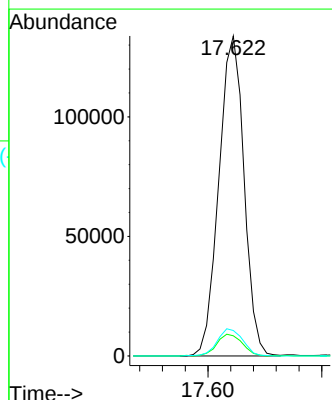
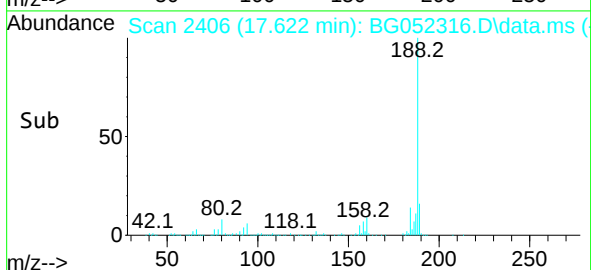
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022

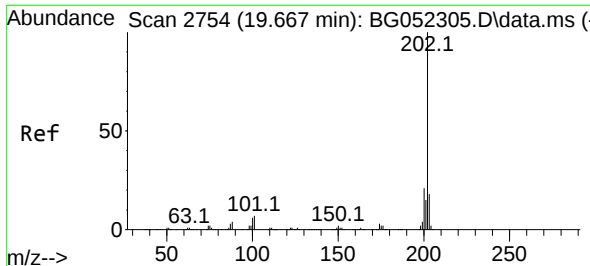


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07



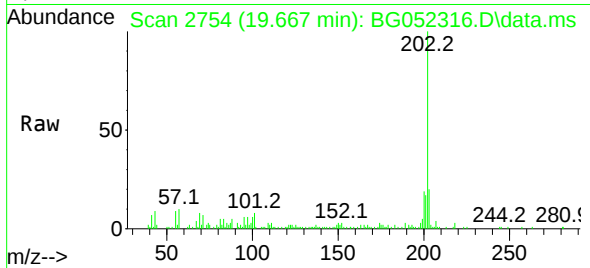
Tgt Ion:188 Resp: 205332
Ion Ratio Lower Upper
188 100
94 6.3 5.9 8.9
80 7.9 6.6 10.0





#75
Fluoranthene
Concen: 2.620 ng
RT: 19.667 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

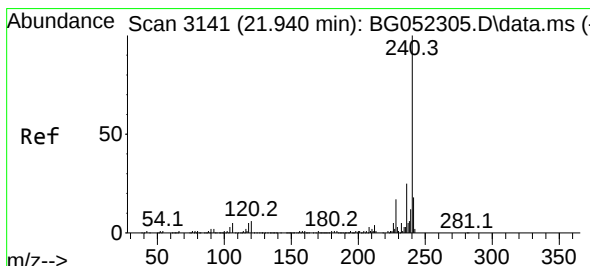
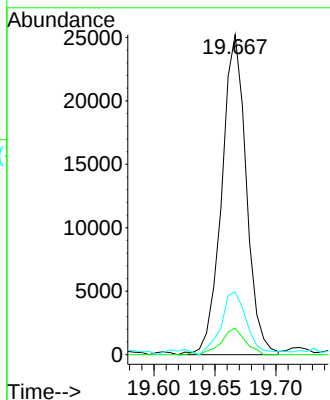
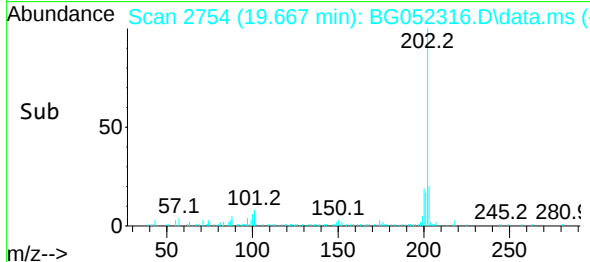
Instrument :
BNA_G
ClientSampleId :
TR-04-020322



Tgt Ion:202 Resp: 3530
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.1
203 19.6 0.0 37.8

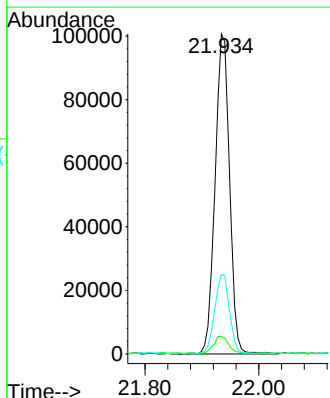
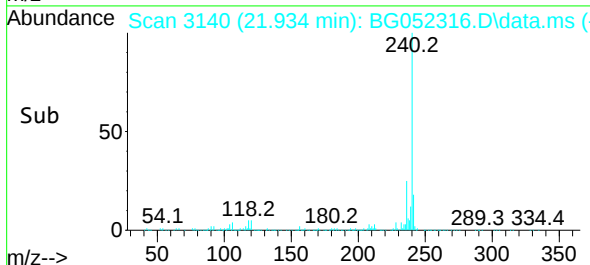
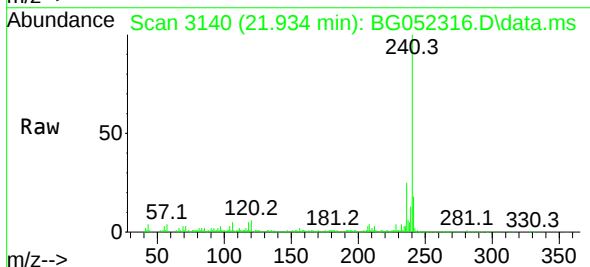
Manual Integrations
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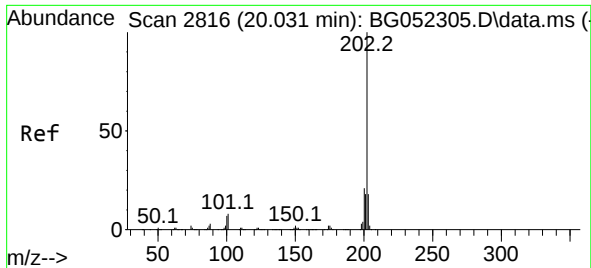
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Tgt Ion:240 Resp: 177792
Ion Ratio Lower Upper
240 100
120 5.6 4.4 6.6
236 24.8 20.8 31.2





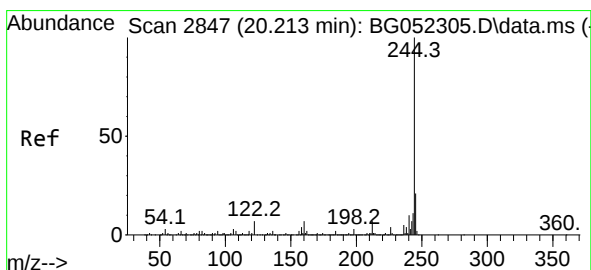
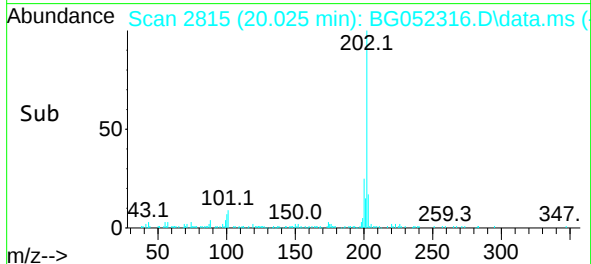
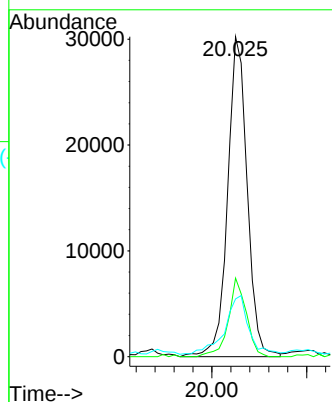
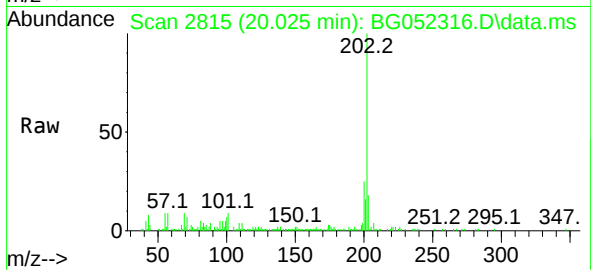
#78
Pyrene
Concen: 3.638 ng
RT: 20.025 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :
BNA_G
ClientSampleId :
TR-04-020322

Tgt Ion:202 Resp: 43275
Ion Ratio Lower Upper
202 100
200 24.5 17.4 26.2
203 18.0 14.5 21.7

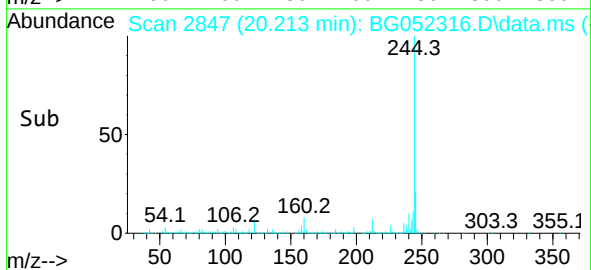
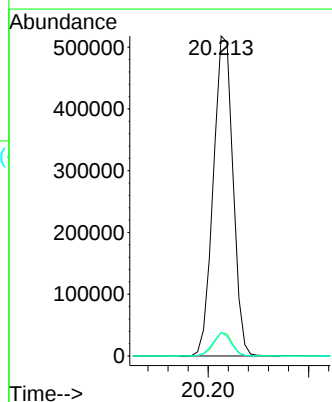
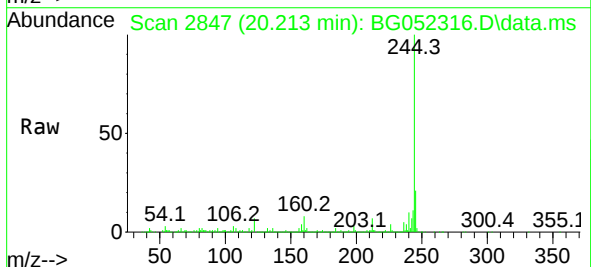
Manual Integrations
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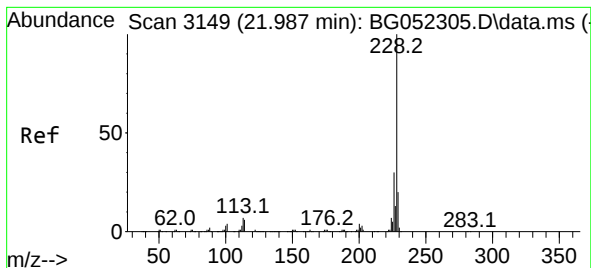
Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#79
Terphenyl-d14
Concen: 69.919 ng
RT: 20.213 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Tgt Ion:244 Resp: 703959
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.4 6.2 9.4





#83

Chrysene

Concen: 2.327 ng m

RT: 21.981 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG052316.D

Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

TR-04-020322

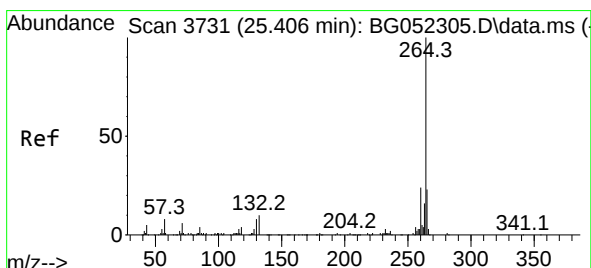
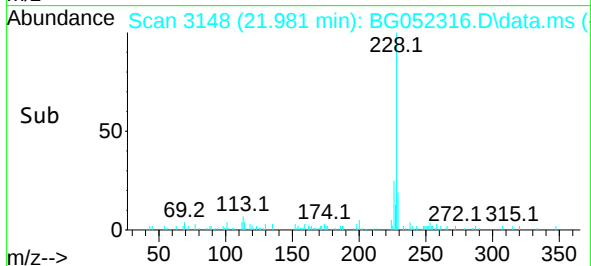
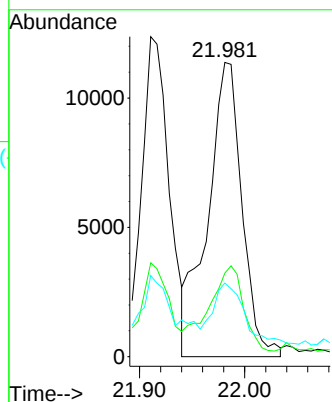
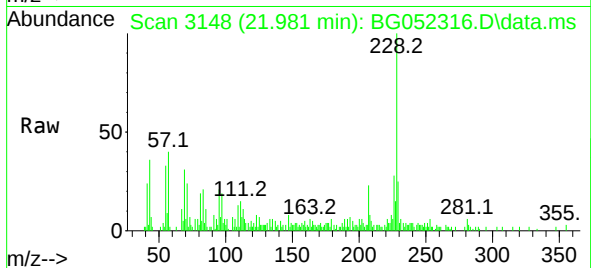
Tgt Ion:228 Resp: 25949

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.1	36.1
229	25.0	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.412 min Scan# 3732

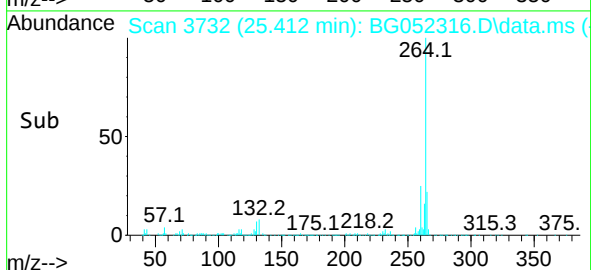
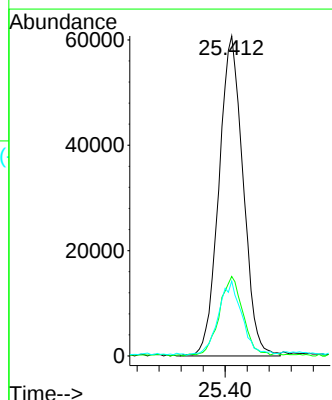
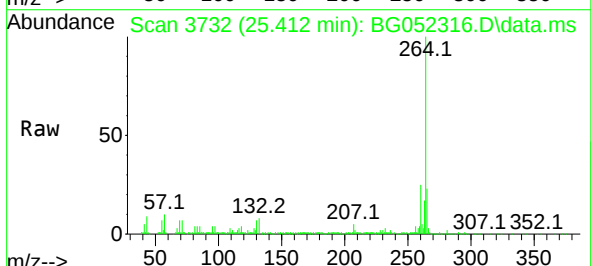
Delta R.T. 0.006 min

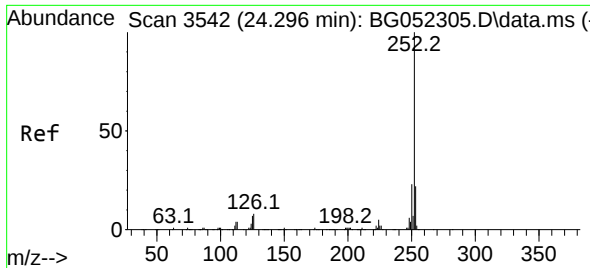
Lab File: BG052316.D

Acq: 8 Feb 2022 13:07

Tgt Ion:264 Resp: 185494

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	23.4	17.8	26.6





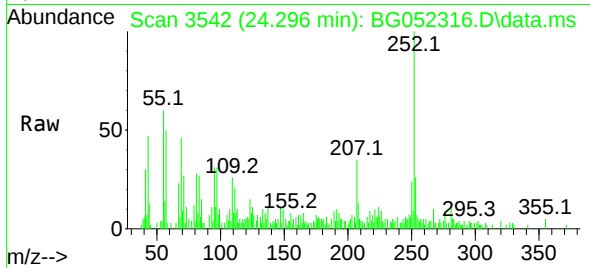
#88
Benzo(b)fluoranthene
Concen: 2.072 ng m
RT: 24.296 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07

Instrument :

BNA_G

ClientSampleId :

TR-04-020322

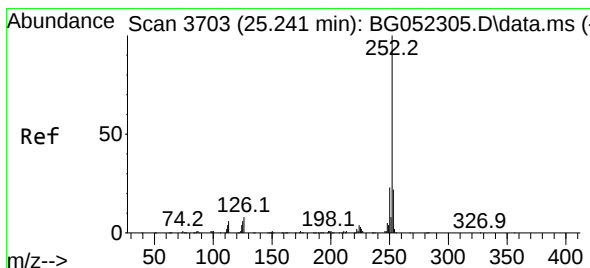
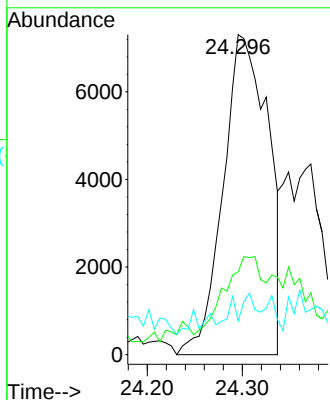
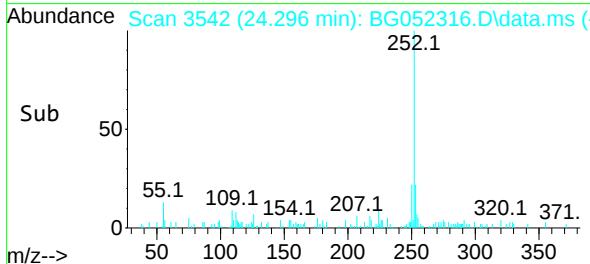


Tgt Ion:252 Resp: 2395
Ion Ratio Lower Upper
252 100
253 25.9 18.3 27.5
125 10.6 5.4 8.2

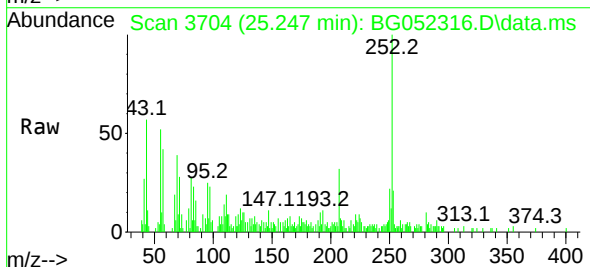
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/09/2022
Supervised By :mohammad ahmed 02/15/2022



#90
Benzo(a)pyrene
Concen: 2.260 ng
RT: 25.247 min Scan# 3704
Delta R.T. 0.006 min
Lab File: BG052316.D
Acq: 8 Feb 2022 13:07



Tgt Ion:252 Resp: 22072
Ion Ratio Lower Upper
252 100
253 20.5 17.5 26.3
125 10.4 5.0 7.6

