

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060816.D
 Acq On : 6 Apr 2024 18:15
 Operator : MA/JU
 Sample : P1996-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 08 02:09:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	69519	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	264436	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	194588	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	431239	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	412375	20.000	ng	-0.01
86) Perylene-d12	24.727	264	487733	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	227783	54.584	ng	0.00
7) Phenol-d6	7.113	99	318736	51.455	ng	0.00
23) Nitrobenzene-d5	9.104	82	212420	45.837	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	159165	72.057	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	488385	36.835	ng	-0.01
79) Terphenyl-d14	19.951	244	842981	35.995	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.381	202	95021	3.491	ng	96
78) Pyrene	19.739	202	95411	3.308	ng	96
81) Benzo(a)anthracene	21.566	228	62591	2.153	ng	97
83) Chrysene	21.631	228	60937m	2.175	ng	
88) Benzo(b)fluoranthene	23.734	252	80411	2.870	ng	95
90) Benzo(a)pyrene	24.575	252	67775	2.489	ng	99
92) Benzo(g,h,i)perylene	29.369	276	58333m	2.071	ng	

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

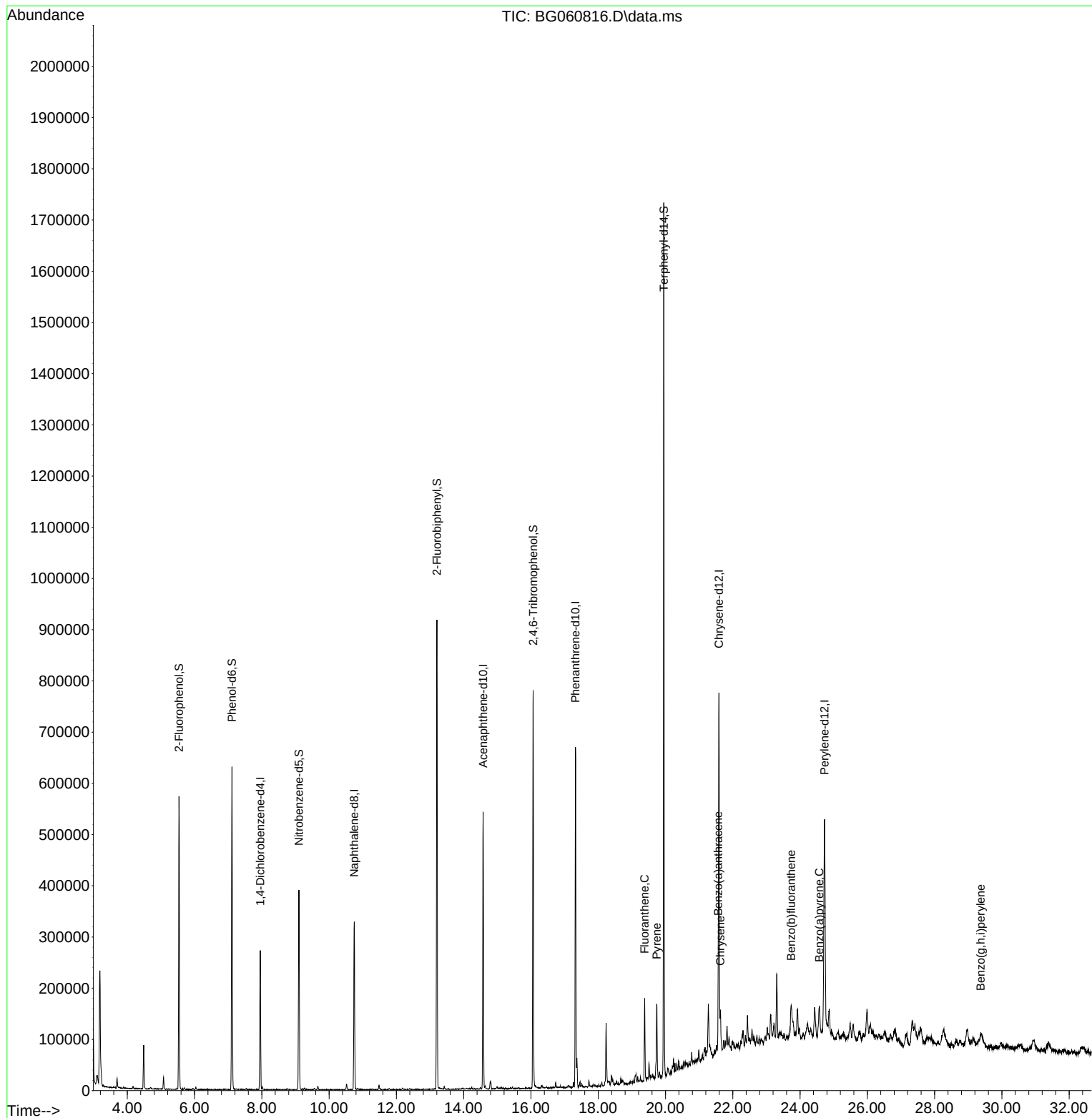
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
Data File : BG060816.D
Acq On : 6 Apr 2024 18:15
Operator : MA/JU
Sample : P1996-07
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ALS Vial : 13 Sample Multiplier: 1

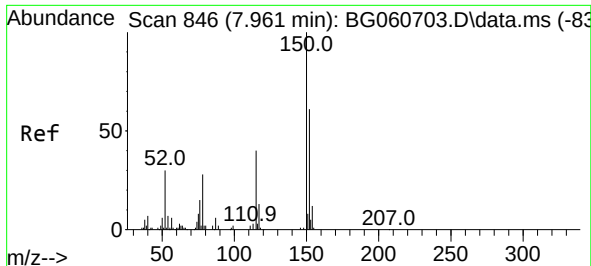
Instrument :
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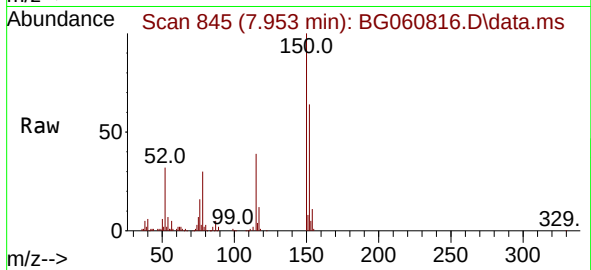
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

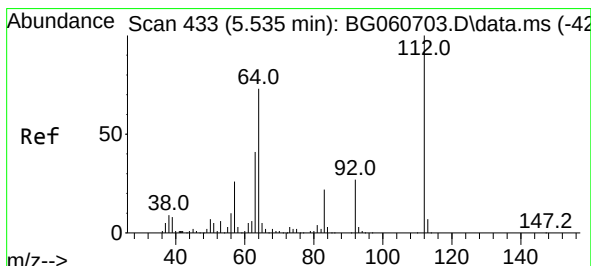
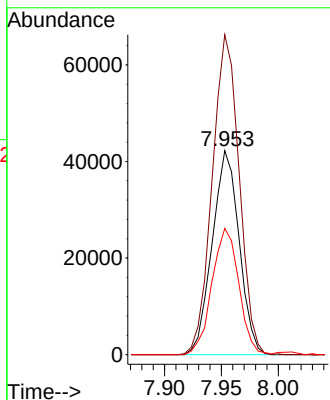
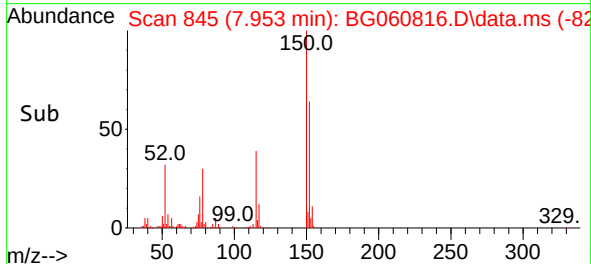
Instrument :
BNA_G
ClientSampleId :
TP3



Tgt Ion:152 Resp: 69519
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.4
115 61.9 51.6 77.4

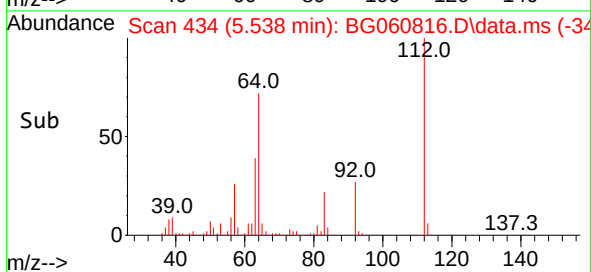
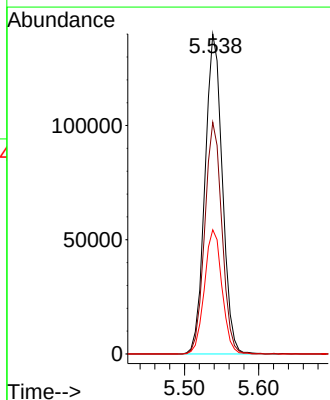
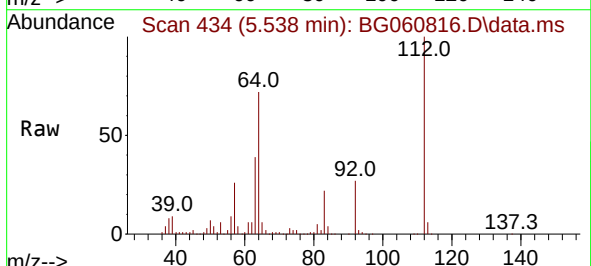
Manual Integrations
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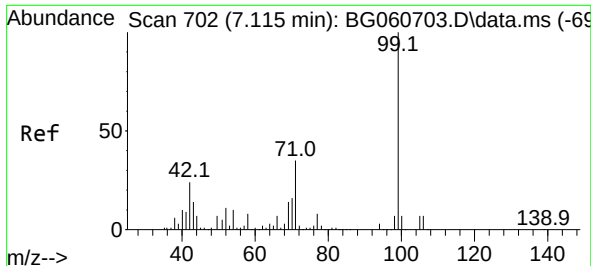
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#5
2-Fluorophenol
Concen: 54.584 ng
RT: 5.538 min Scan# 434
Delta R.T. 0.003 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

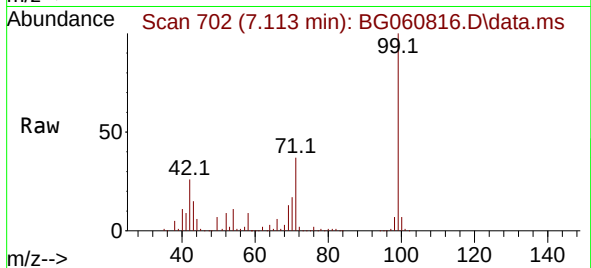
Tgt Ion:112 Resp: 227783
Ion Ratio Lower Upper
112 100
64 72.4 58.4 87.6
63 38.8 32.7 49.1





#7
Phenol-d6
Concen: 51.455 ng
RT: 7.113 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

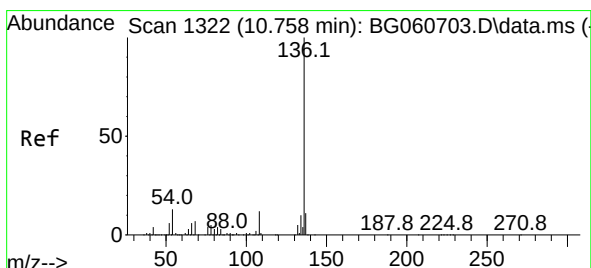
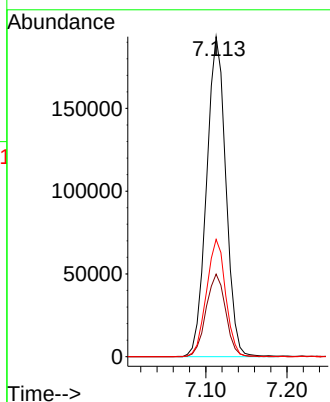
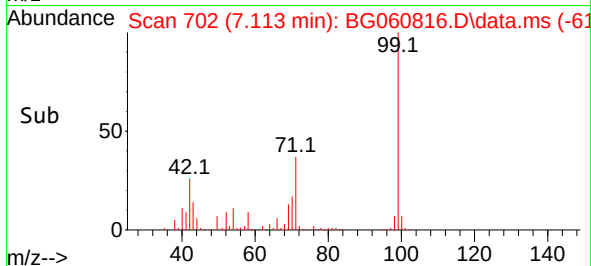
Instrument :
BNA_G
ClientSampleId :
TP3



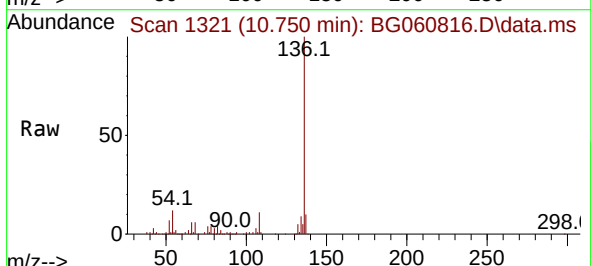
Tgt Ion: 99 Resp: 318730
Ion Ratio Lower Upper
99 100
42 25.8 19.4 29.2
71 36.7 28.2 42.2

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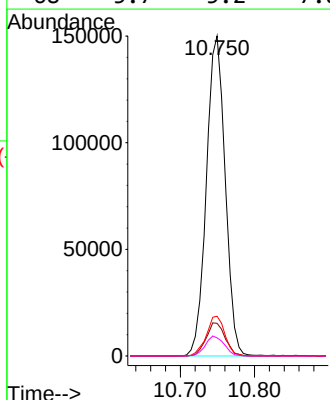
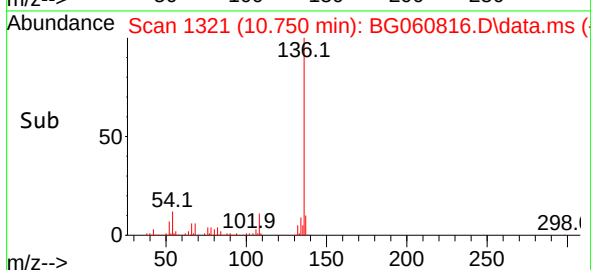
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

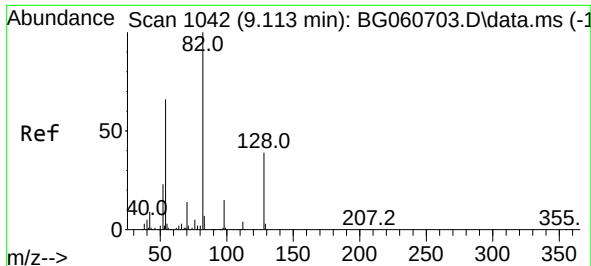


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15



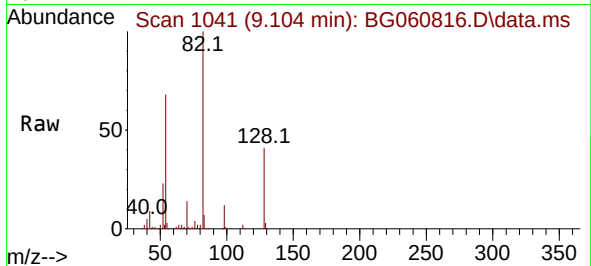
Tgt Ion:136 Resp: 264436
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 12.4 10.2 15.2
68 5.7 5.2 7.8





#23
Nitrobenzene-d5
Concen: 45.837 ng
RT: 9.104 min Scan# 1042
Delta R.T. -0.009 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

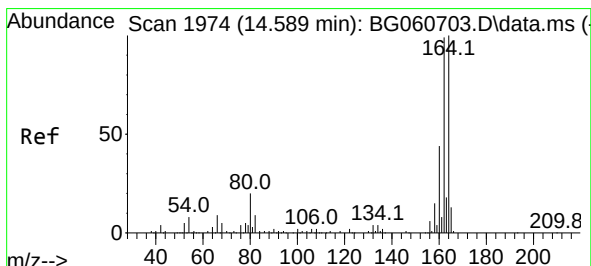
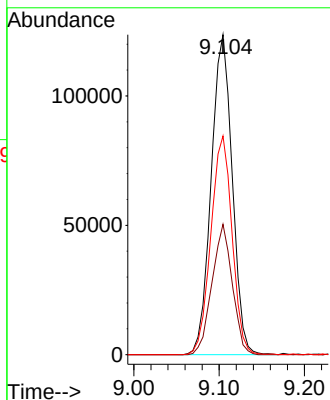
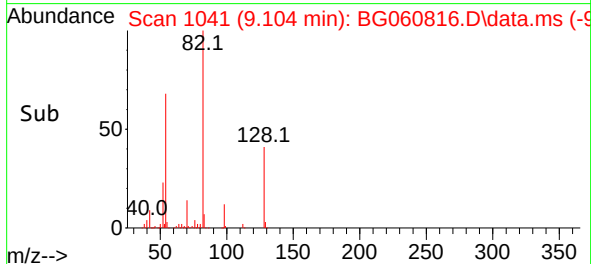
Instrument :
BNA_G
ClientSampleId :
TP3



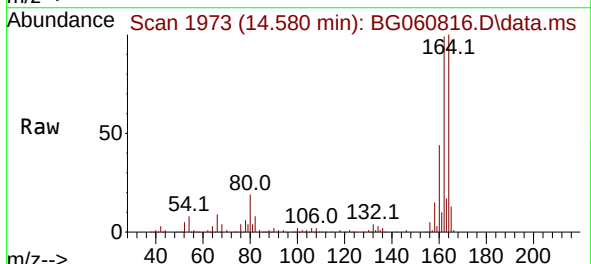
Tgt Ion: 82 Resp: 212420
Ion Ratio Lower Upper
82 100
128 40.8 31.2 46.8
54 68.3 53.2 79.8

Manual Integrations
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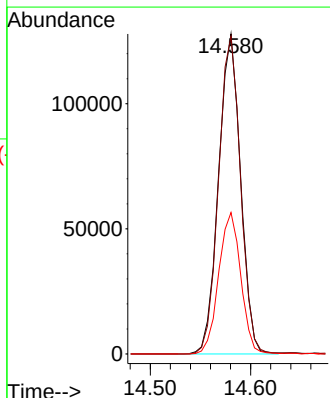
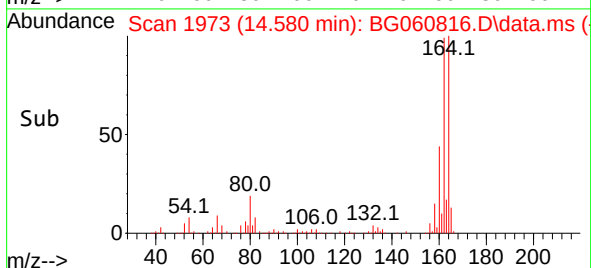
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

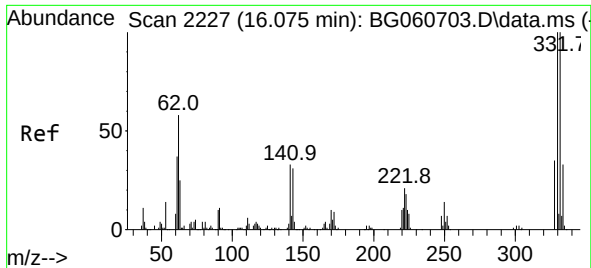


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15



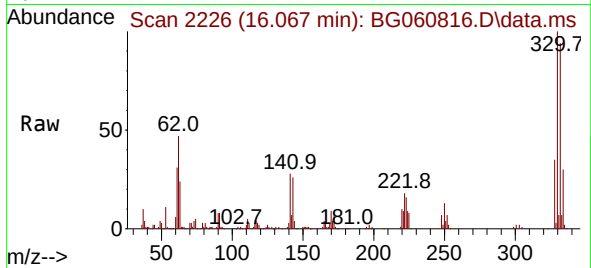
Tgt Ion:164 Resp: 194588
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 44.2 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 72.057 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

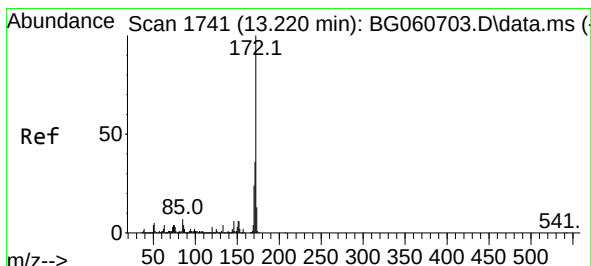
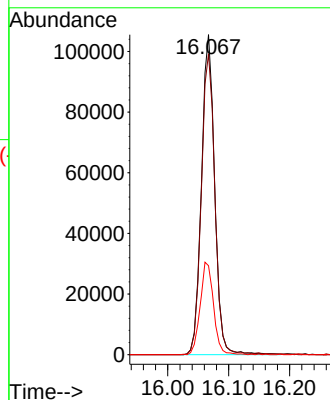
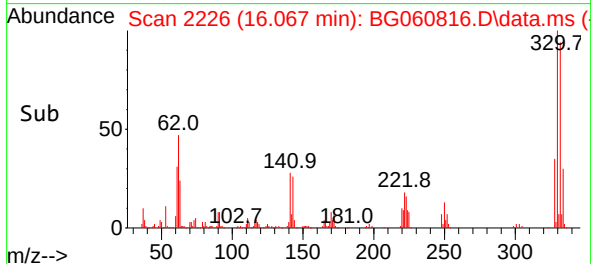
Instrument :
BNA_G
ClientSampleId :
TP3



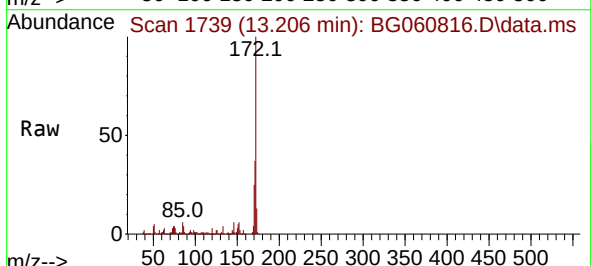
Tgt Ion:330 Resp: 15916
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 29.2 27.0 40.6

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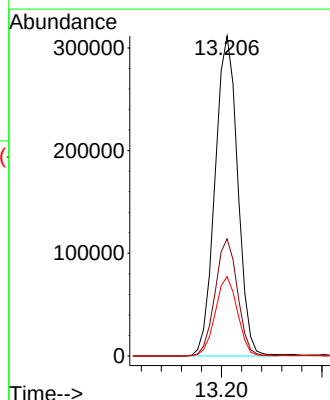
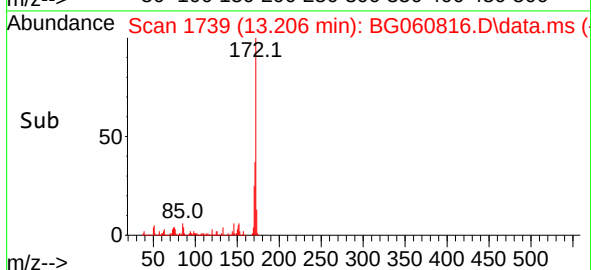
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

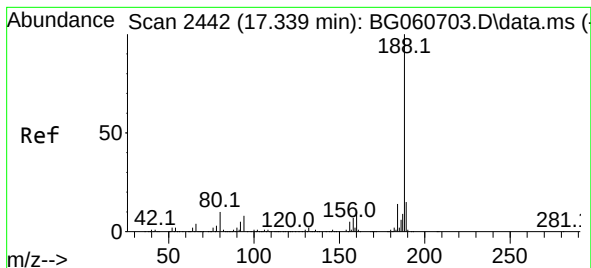


#45
2-Fluorobiphenyl
Concen: 36.835 ng
RT: 13.206 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15



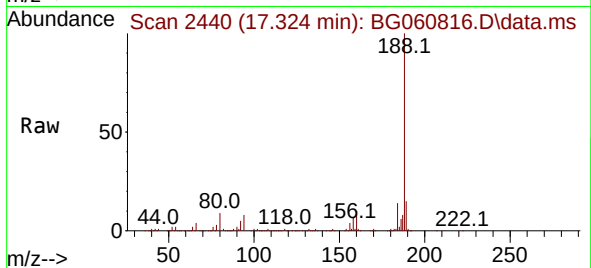
Tgt Ion:172 Resp: 488385
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.8 19.4 29.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2442
Delta R.T. -0.014 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

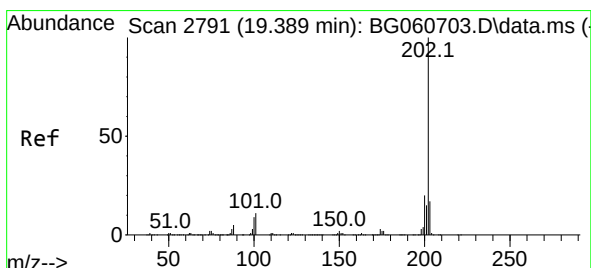
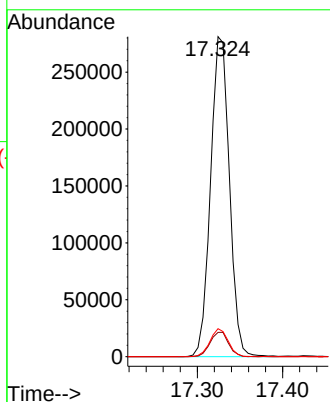
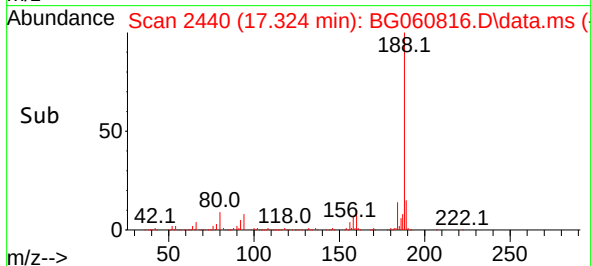
Instrument :
BNA_G
ClientSampleId :
TP3



Tgt Ion:188 Resp: 431239
Ion Ratio Lower Upper
188 100
94 7.6 6.6 9.8
80 8.8 7.6 11.4

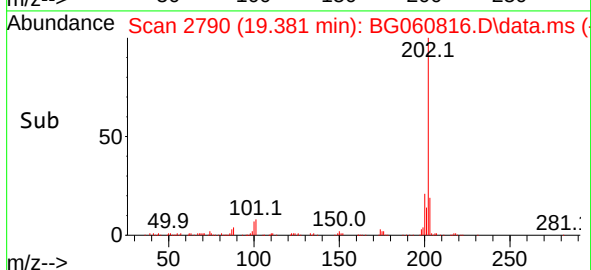
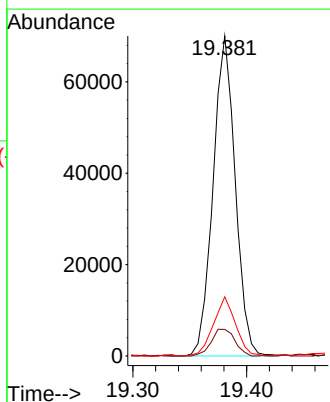
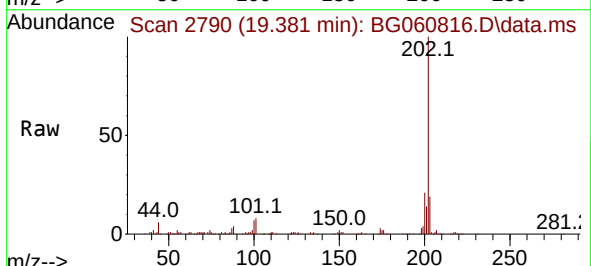
Manual Integrations
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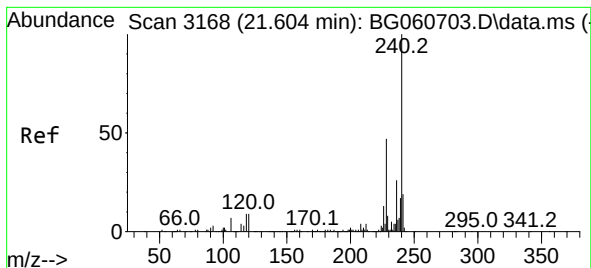
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#75
Fluoranthene
Concen: 3.491 ng
RT: 19.381 min Scan# 2790
Delta R.T. -0.009 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

Tgt Ion:202 Resp: 95021
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.8
203 18.5 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.590 min Scan# 3166

Delta R.T. -0.014 min

Lab File: BG060816.D

Acq: 6 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

TP3

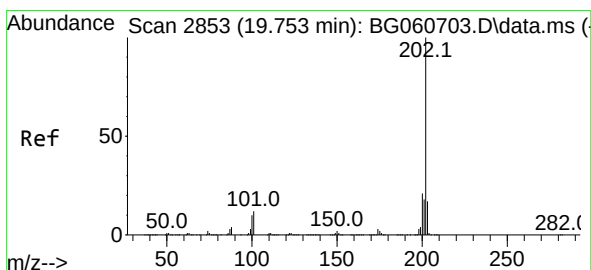
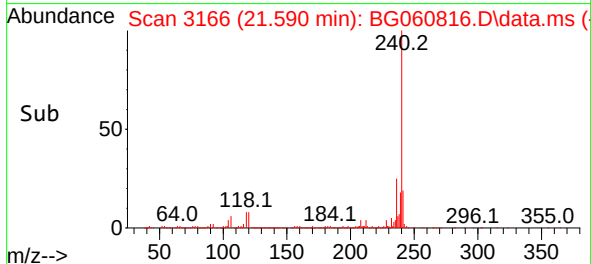
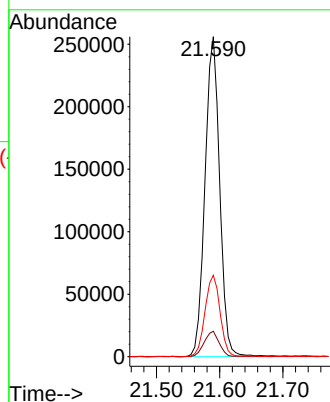
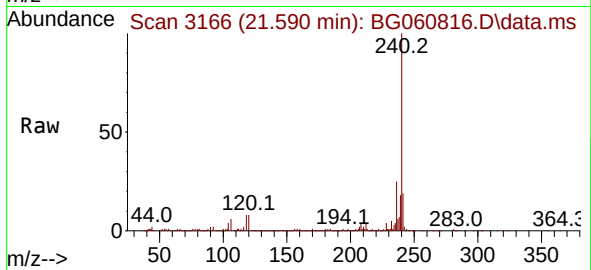
Tgt Ion:240 Resp: 412375
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.1 10.7
 236 25.4 20.7 31.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#78

Pyrene

Concen: 3.308 ng

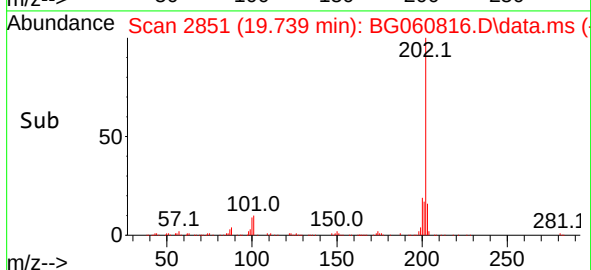
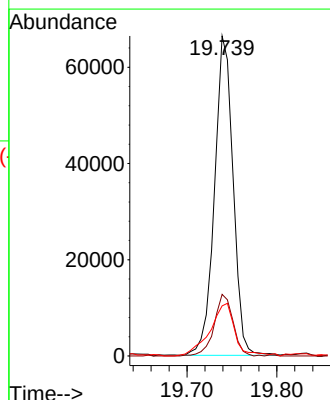
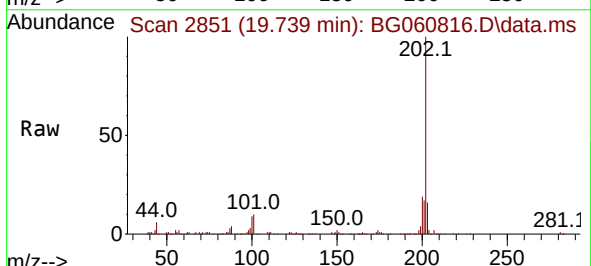
RT: 19.739 min Scan# 2851

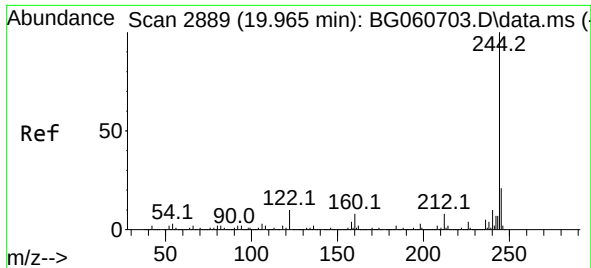
Delta R.T. -0.014 min

Lab File: BG060816.D

Acq: 6 Apr 2024 18:15

Tgt Ion:202 Resp: 95411
 Ion Ratio Lower Upper
 202 100
 200 19.2 17.0 25.4
 203 15.7 14.0 21.0





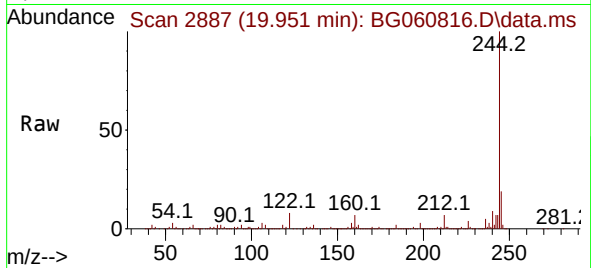
#79
 Terphenyl-d14
 Concen: 35.995 ng
 RT: 19.951 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG060816.D
 Acq: 6 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

TP3



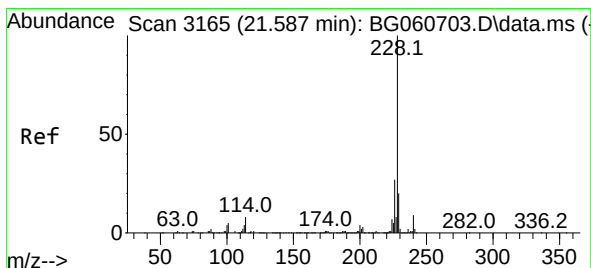
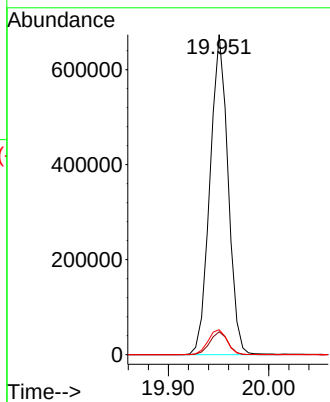
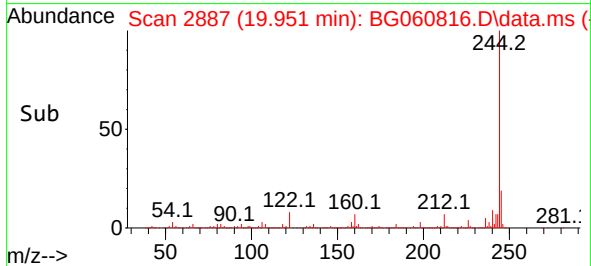
Tgt Ion:244 Resp: 84298
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.8 7.8 11.8

Manual Integrations

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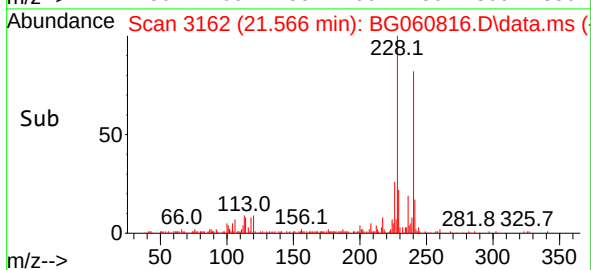
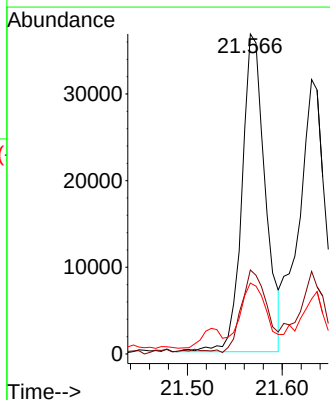
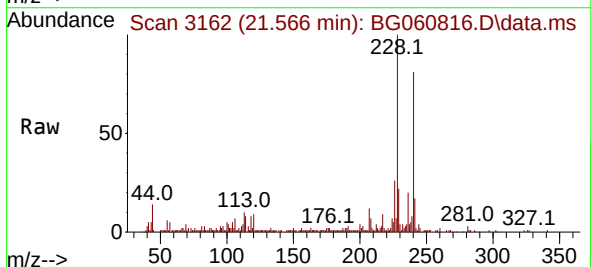
Reviewed By :Yogesh Patel 04/08/2024

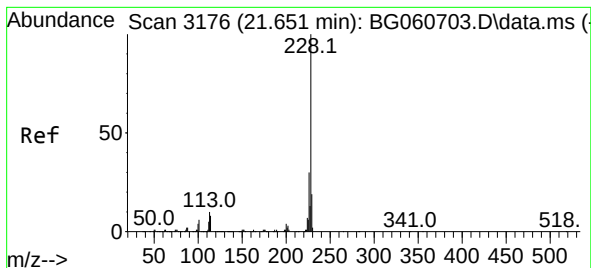
Supervised By :mohammad ahmed 04/08/2024



#81
 Benzo(a)anthracene
 Concen: 2.153 ng
 RT: 21.566 min Scan# 3162
 Delta R.T. -0.020 min
 Lab File: BG060816.D
 Acq: 6 Apr 2024 18:15

Tgt Ion:228 Resp: 62591
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.7 32.5
 229 22.1 15.8 23.8





#83

Chrysene

Concen: 2.175 ng m

RT: 21.631 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG060816.D

Acq: 6 Apr 2024 18:15

Instrument :

BNA_G

ClientSampleId :

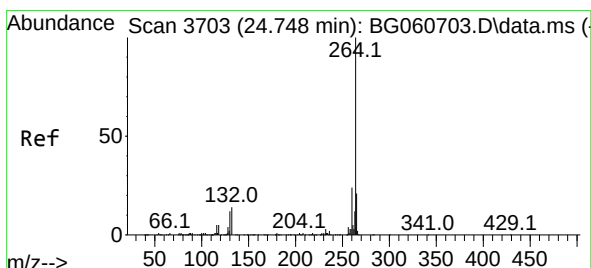
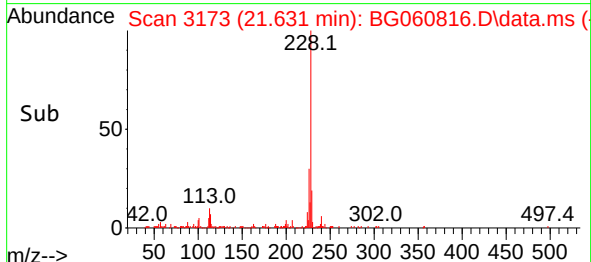
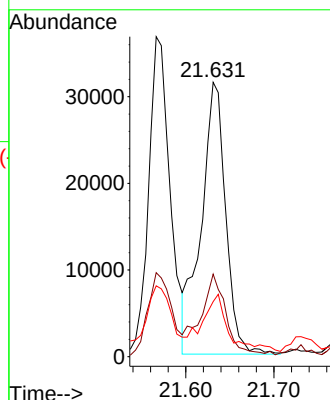
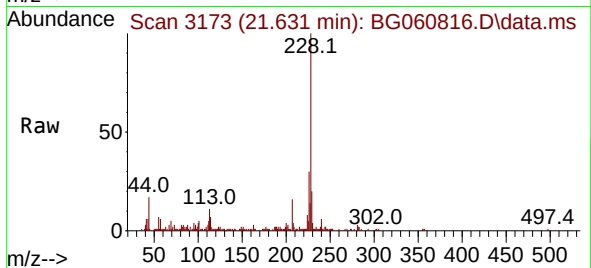
TP3

Tgt Ion:228 Resp: 6093
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.4
 229 20.0 15.5 23.3

Manual Integrations

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Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024



#86

Perylene-d12

Concen: 20.000 ng

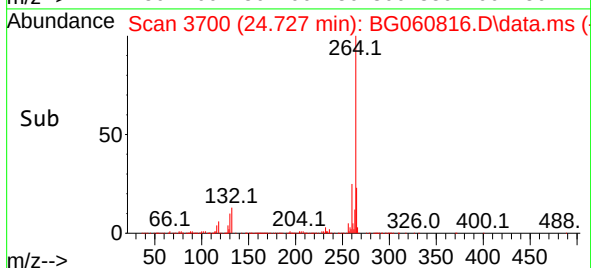
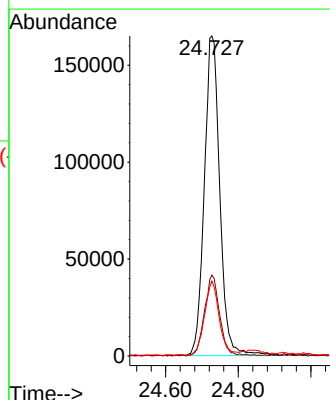
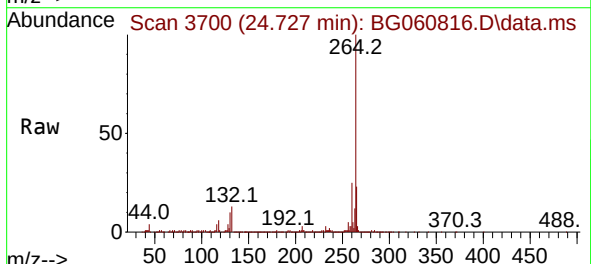
RT: 24.727 min Scan# 3700

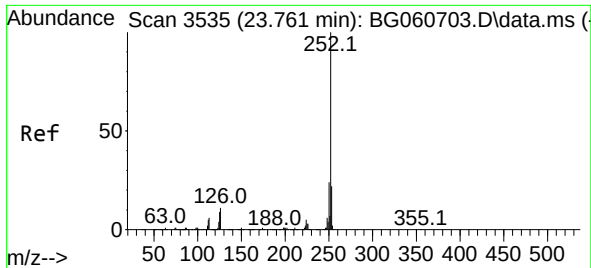
Delta R.T. -0.020 min

Lab File: BG060816.D

Acq: 6 Apr 2024 18:15

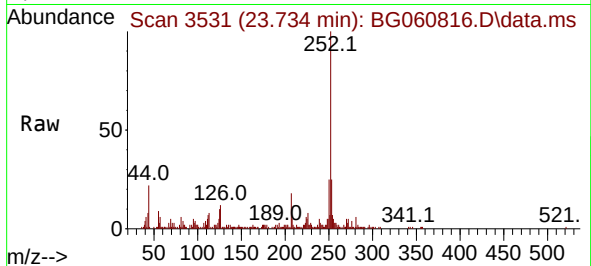
Tgt Ion:264 Resp: 487733
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 23.4 16.9 25.3





#88
Benzo(b)fluoranthene
Concen: 2.870 ng
RT: 23.734 min Scan# 3531
Delta R.T. -0.026 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

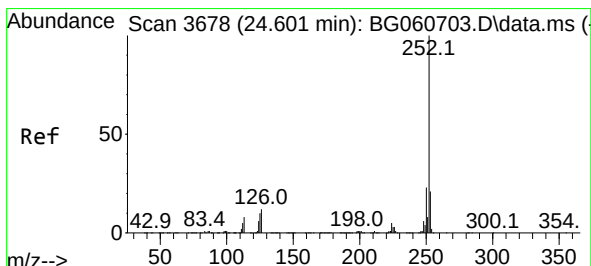
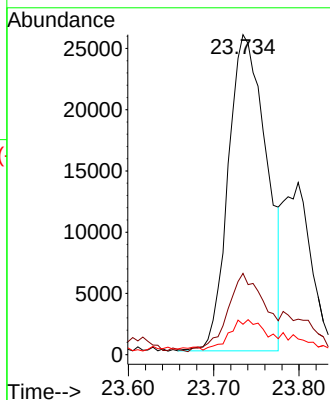
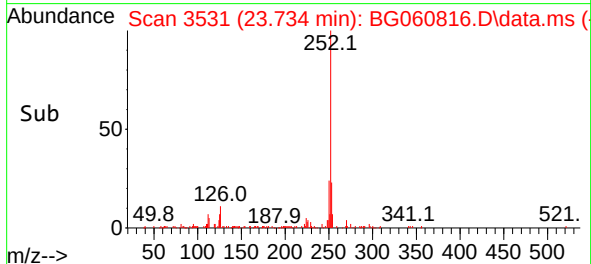
Instrument :
BNA_G
ClientSampleId :
TP3



Tgt Ion:252 Resp: 8041
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.8
125 9.5 7.1 10.7

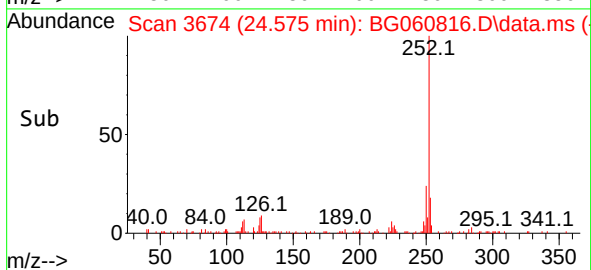
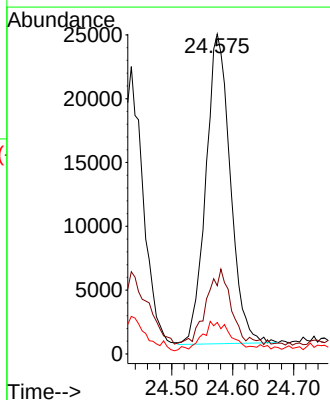
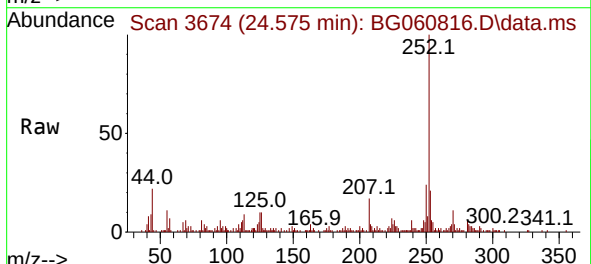
Manual Integrations
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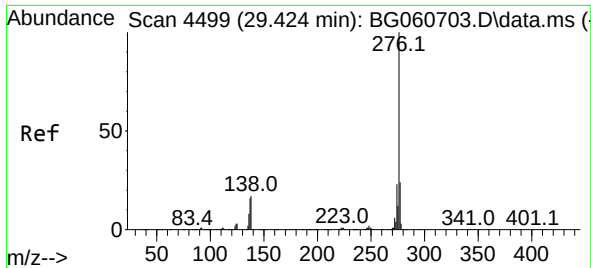
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#90
Benzo(a)pyrene
Concen: 2.489 ng
RT: 24.575 min Scan# 3674
Delta R.T. -0.026 min
Lab File: BG060816.D
Acq: 6 Apr 2024 18:15

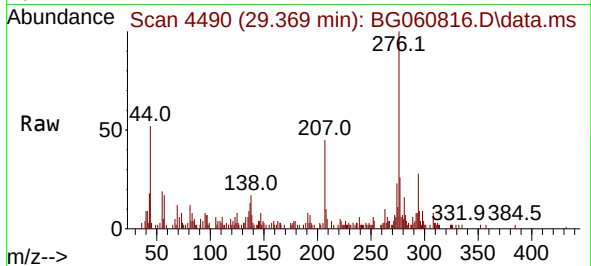
Tgt Ion:252 Resp: 67775
Ion Ratio Lower Upper
252 100
253 21.3 16.8 25.2
125 9.9 7.6 11.4





#92
 Benzo(g,h,i)perylene
 Concen: 2.071 ng m
 RT: 29.369 min Scan# 44
 Delta R.T. -0.056 min
 Lab File: BG060816.D
 Acq: 6 Apr 2024 18:15

Instrument :
 BNA_G
 ClientSampleId :
 TP3



Tgt Ion:276 Resp: 5833
 Ion Ratio Lower Upper
 276 100
 277 25.8 18.9 28.3
 138 17.5 14.0 21.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

