

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
 Data File : BM037223.D
 Acq On : 25 Oct 2022 11:55
 Operator : CG/JU
 Sample : N5144-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
 Supervised By :mohammad ahmed 11/02/2022

Quant Time: Oct 31 00:46:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	4548	0.400	ng/u1	0.00
4) Naphthalene-d8	10.699	136	14445	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.529	164	8482	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.271	188	17759	0.400	ng/u1	0.00
17) Chrysene-d12	21.447	240	12853	0.400	ng/u1	0.00
23) Perylene-d12	23.817	264	10211	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	24036	4.335	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6052	0.295	ng/u1	0.00
18) Fluoranthene-d10	19.293	212	14738	0.379	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	28632	0.669	ng/u1	99
7) 2-Methylnaphthalene	12.360	142	19454	0.759	ng/u1	97
8) 1-Methylnaphthalene	12.580	142	19811	0.758	ng/u1	100
10) Acenaphthylene	14.251	152	46654	1.280	ng/u1	99
11) Acenaphthene	14.594	153	7985	0.242	ng/u1	99
12) Fluorene	15.574	166	17309	0.449	ng/u1	98
15) Phenanthrene	17.313	178	734946	12.259	ng/u1	98
16) Anthracene	17.402	178	90798	1.912	ng/u1	99
19) Fluoranthene	19.326	202	1174589	21.037	ng/u1	96
20) Pyrene	19.688	202	1158242	20.462	ng/u1	98
21) Benzo(a)anthracene	21.429	228	406723	8.154	ng/u1	98
22) Chrysene	21.485	228	473450m	8.249	ng/u1	
24) Benzo(b)fluoranthene	23.095	252	467588	8.645	ng/u1	92
25) Benzo(k)fluoranthene	23.139	252	175353m	3.355	ng/u1	
26) Benzo(a)pyrene	23.712	252	344079	7.923	ng/u1#	85
27) Indeno(1,2,3-cd)pyrene	26.272	276	264299	4.357	ng/u1#	88
28) Dibenzo(a,h)anthracene	26.282	278	67270	1.405	ng/u1	99
29) Benzo(g,h,i)perylene	27.030	276	259417	4.862	ng/u1	96

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

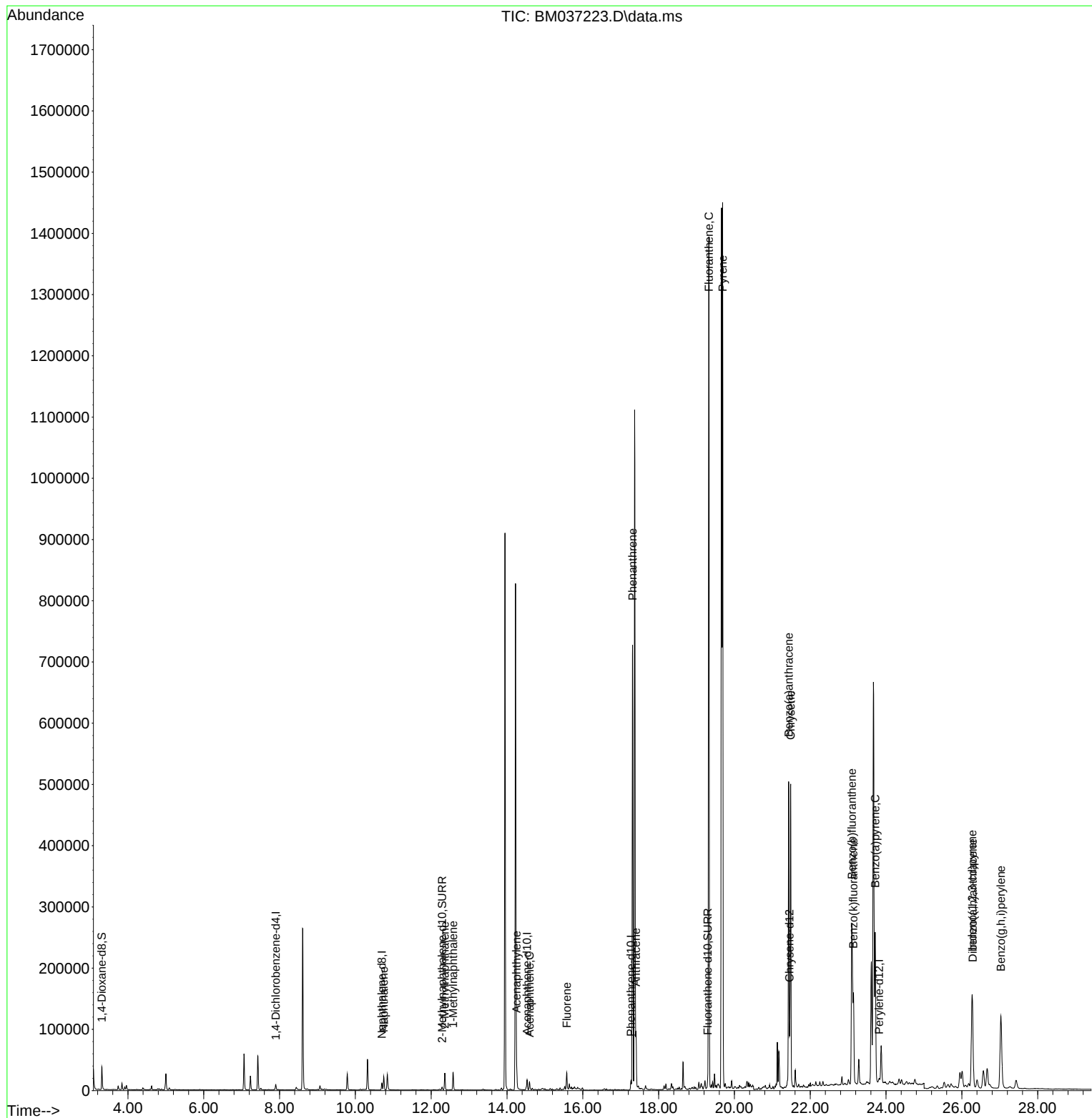
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037223.D
Acq On : 25 Oct 2022 11:55
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ALS Vial : 5 Sample Multiplier: 1

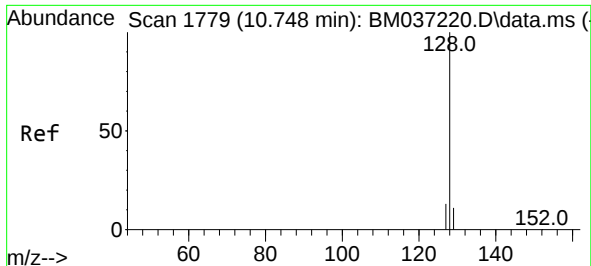
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Supervised By :mohammad ahmed 11/02/2022

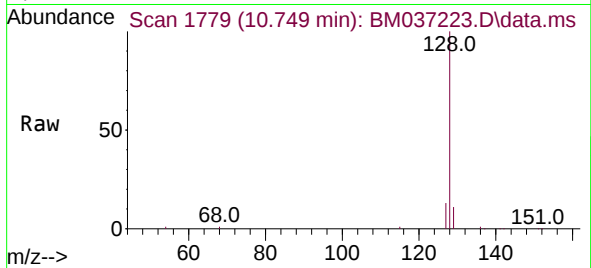
Quant Time: Oct 31 00:46:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.669 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

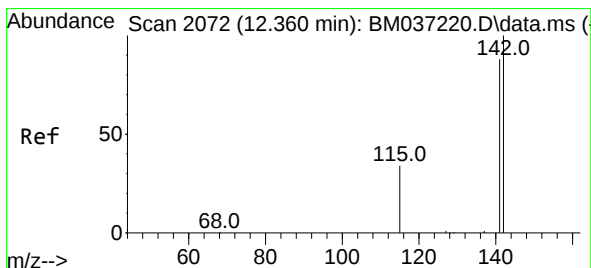
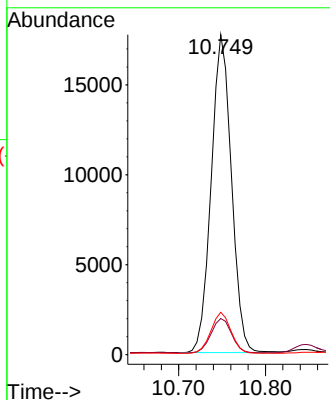
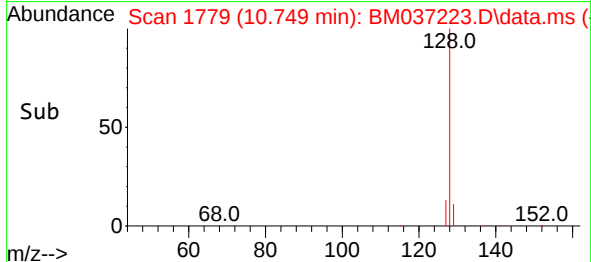
Instrument :
BNA_M
ClientSampleId :
C0BK1



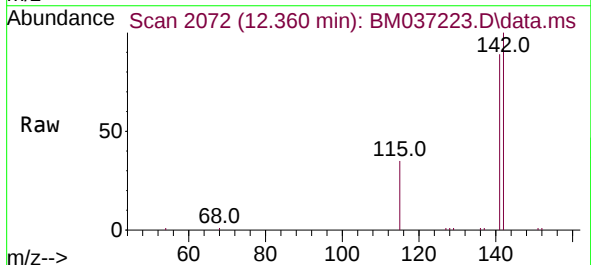
Tgt Ion:128 Resp: 28632
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.5 15.7

Manual Integrations
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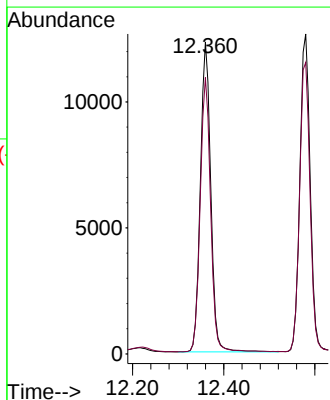
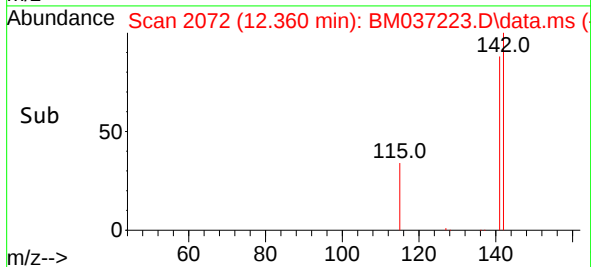
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

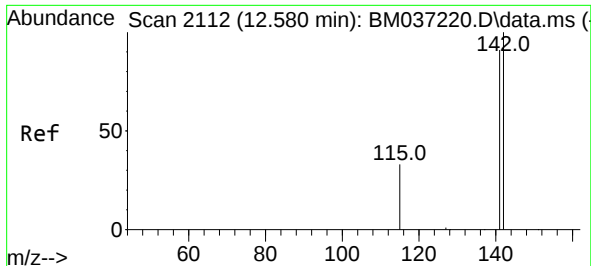


#7
2-Methylnaphthalene
Concen: 0.759 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55



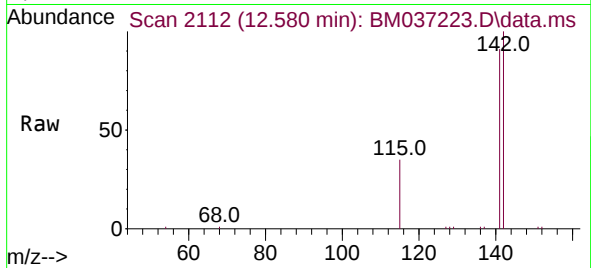
Tgt Ion:142 Resp: 19454
Ion Ratio Lower Upper
142 100
141 88.5 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.758 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

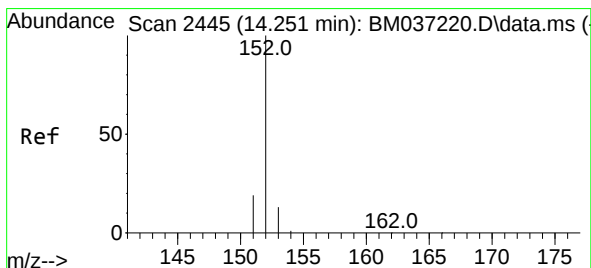
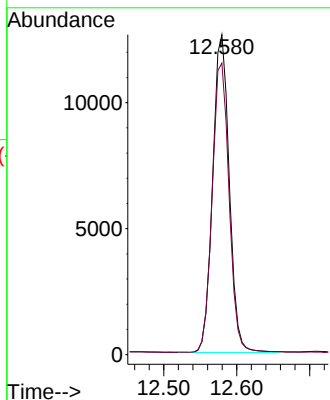
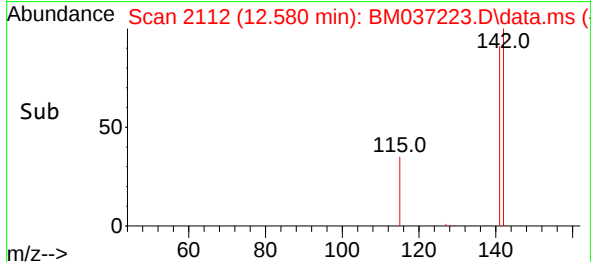
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1981
Ion Ratio Lower Upper
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141 92.5 74.2 111.4

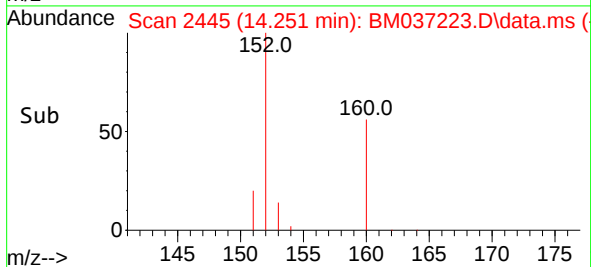
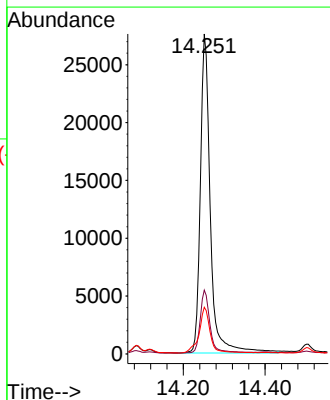
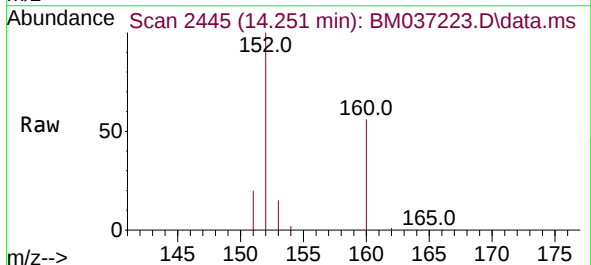
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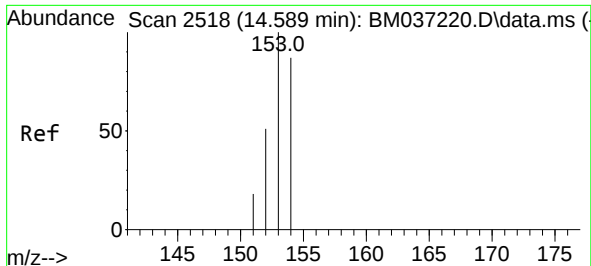
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#10
Acenaphthylene
Concen: 1.280 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

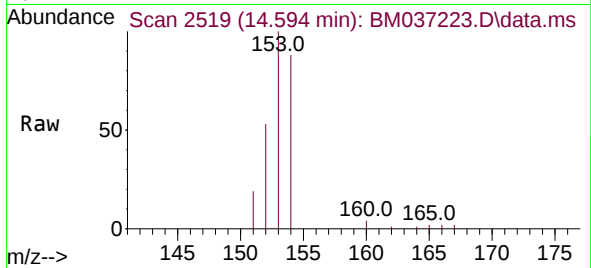
Tgt Ion:152 Resp: 46654
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.6 10.8 16.2





#11
Acenaphthene
Concen: 0.242 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

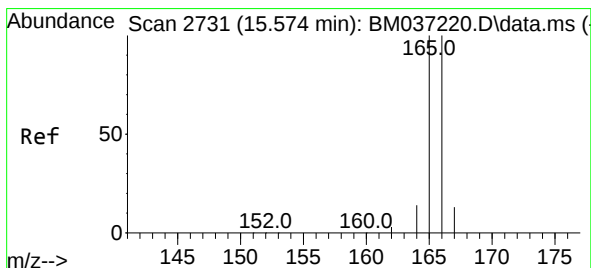
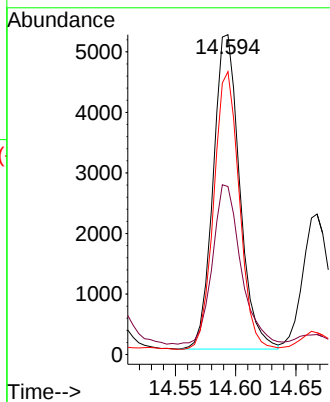
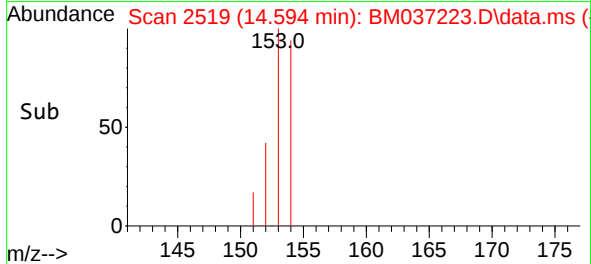
Instrument :
BNA_M
ClientSampleId :
C0BK1



Tgt Ion:153 Resp: 7985
Ion Ratio Lower Upper
153 100
152 52.5 43.3 64.9
154 88.4 70.0 105.0

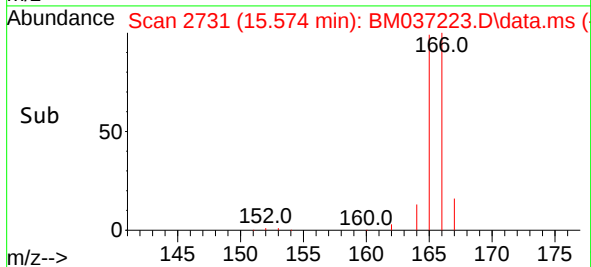
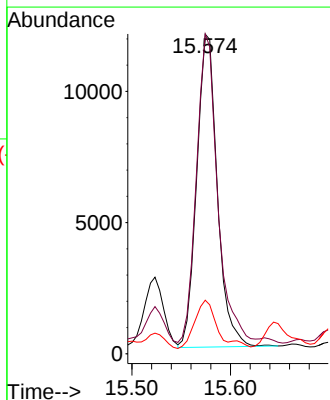
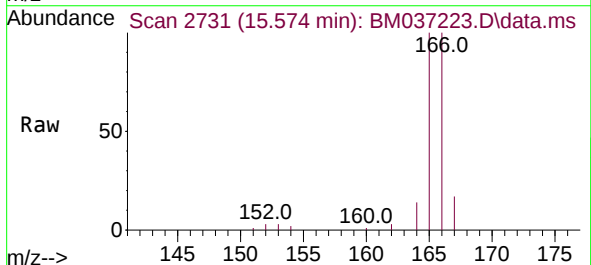
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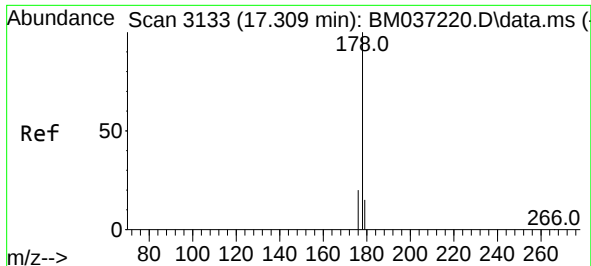
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

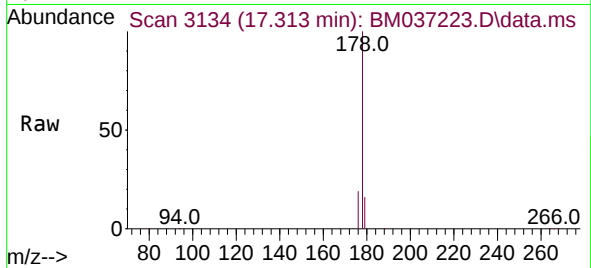
Tgt Ion:166 Resp: 17309
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.2
167 16.8 11.3 16.9





#15
Phenanthrene
Concen: 12.259 ng/u1
RT: 17.313 min Scan# 3133
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

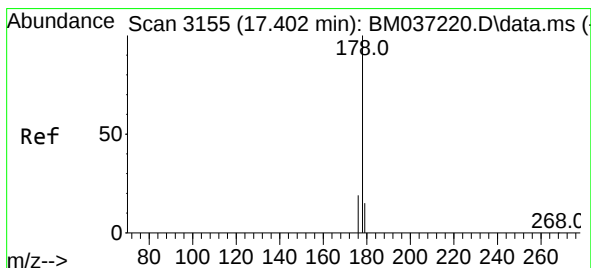
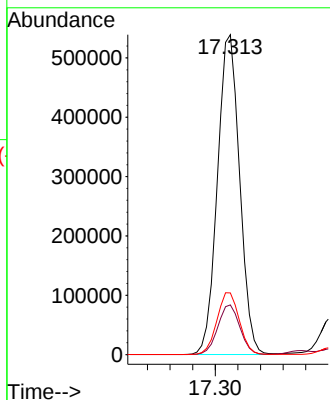
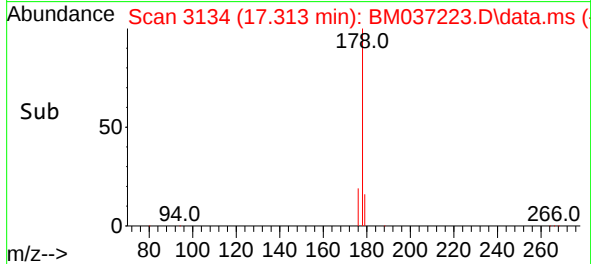
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BNA_M
ClientSampleId :
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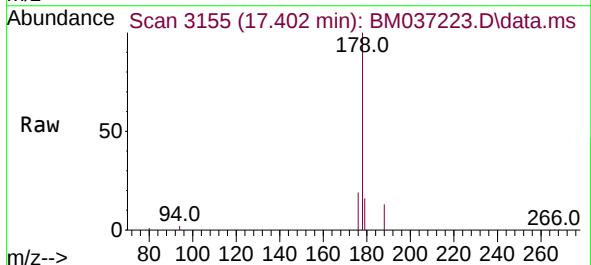
Tgt Ion:178 Resp: 734946
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 16.1 24.1

Manual Integrations
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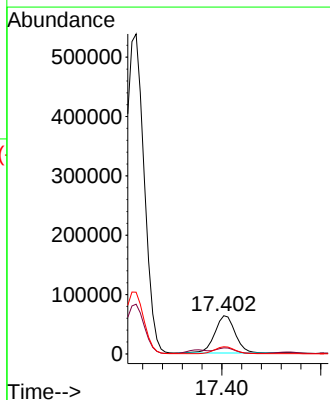
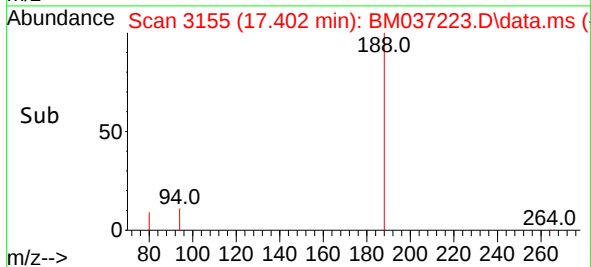
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

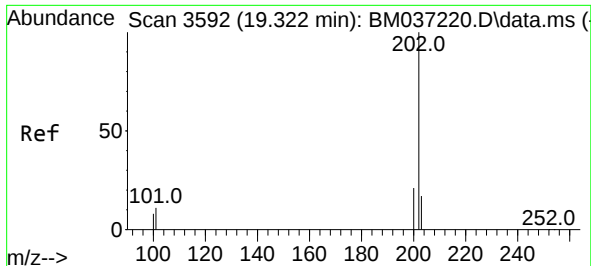


#16
Anthracene
Concen: 1.912 ng/u1
RT: 17.402 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55



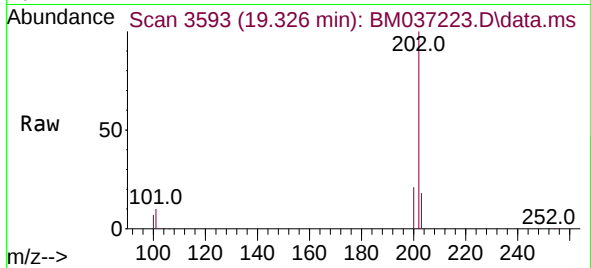
Tgt Ion:178 Resp: 90798
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 21.037 ng/u1
RT: 19.326 min Scan# 3593
Delta R.T. -0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

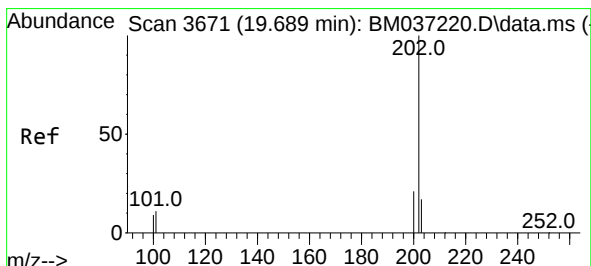
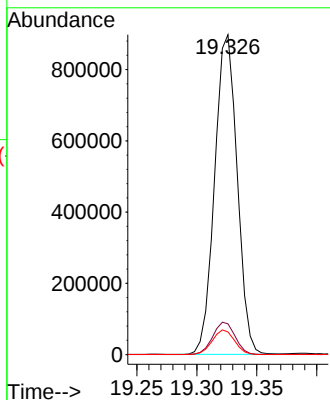
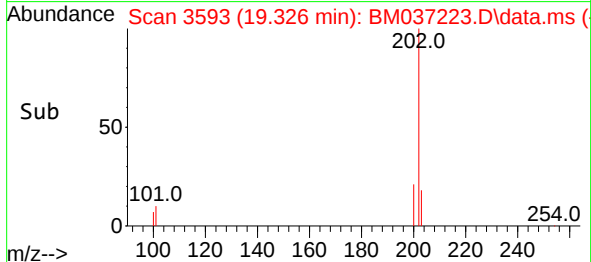
Instrument :
BNA_M
ClientSampleId :
C0BK1



Tgt Ion:202 Resp: 1174589
Ion Ratio Lower Upper
202 100
101 9.6 8.9 13.3
100 7.1 6.9 10.3

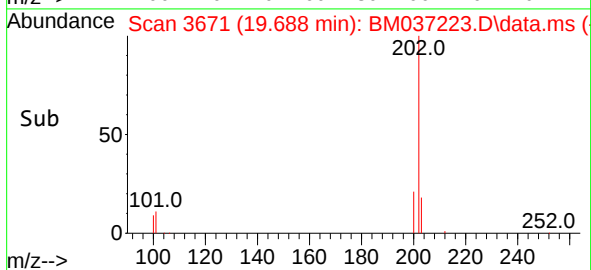
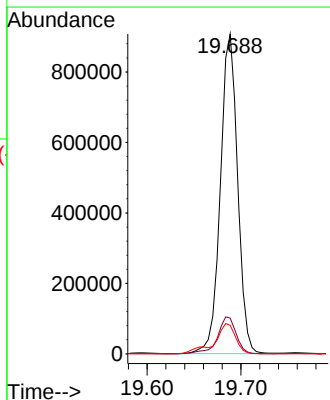
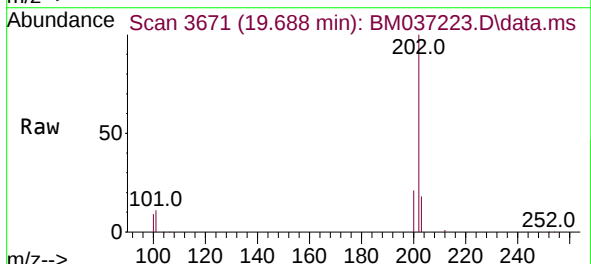
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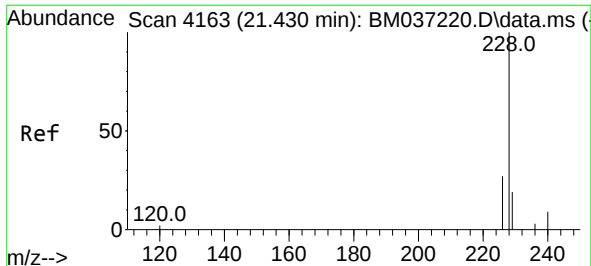
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#20
Pyrene
Concen: 20.462 ng/u1
RT: 19.688 min Scan# 3671
Delta R.T. 0.003 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

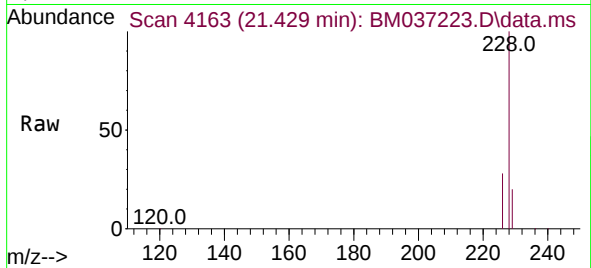
Tgt Ion:202 Resp: 1158242
Ion Ratio Lower Upper
202 100
101 11.2 9.7 14.5
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 8.154 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

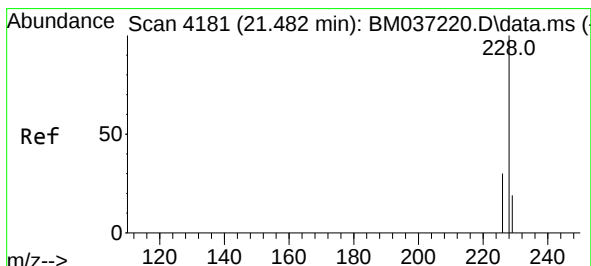
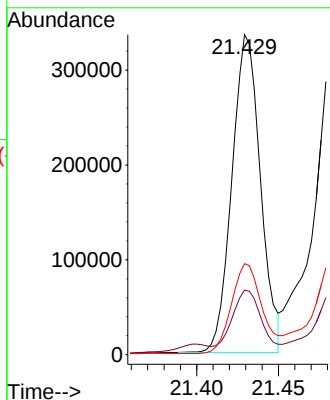
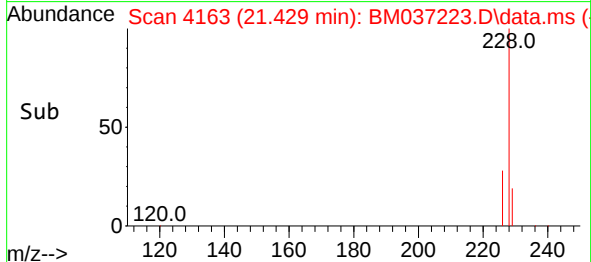
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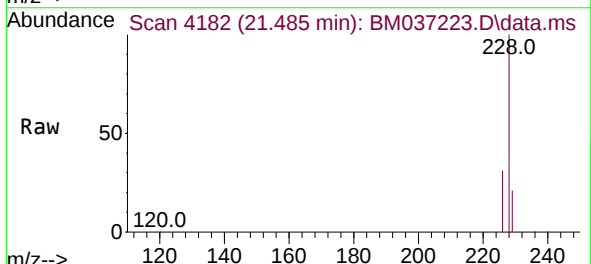
Tgt Ion:228 Resp: 406723
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.4 21.8 32.8

Manual Integrations
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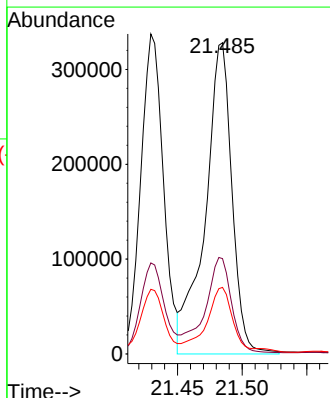
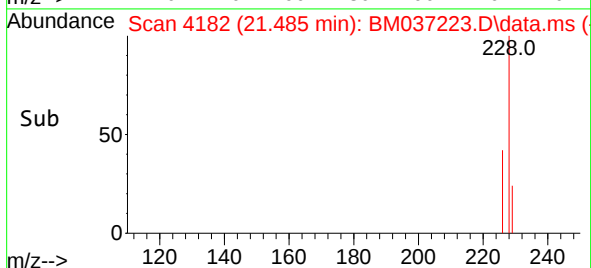
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

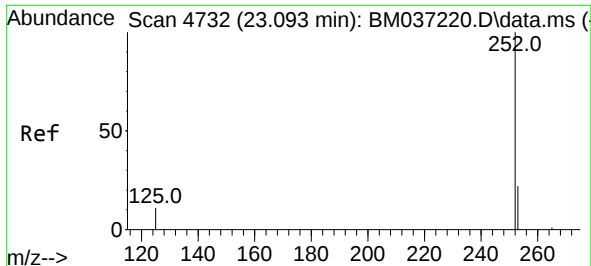


#22
Chrysene
Concen: 8.249 ng/ul m
RT: 21.485 min Scan# 4182
Delta R.T. 0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55



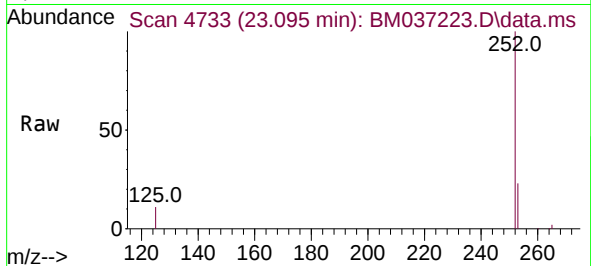
Tgt Ion:228 Resp: 473450
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 21.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 8.645 ng/ul
RT: 23.095 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

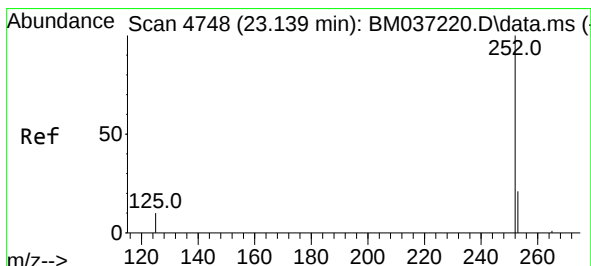
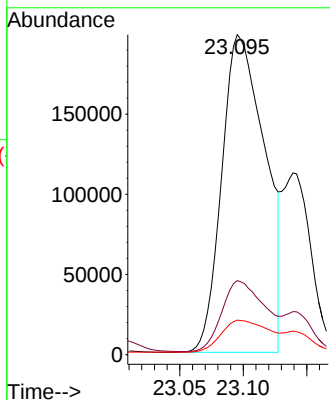
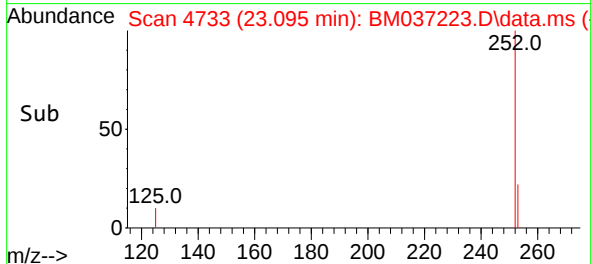
Instrument :
BNA_M
ClientSampleId :
C0BK1



Tgt Ion:252 Resp: 467588
Ion Ratio Lower Upper
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253 23.1 0.0 50.6
125 10.8 0.0 32.6

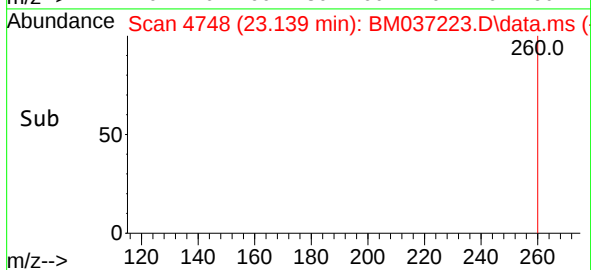
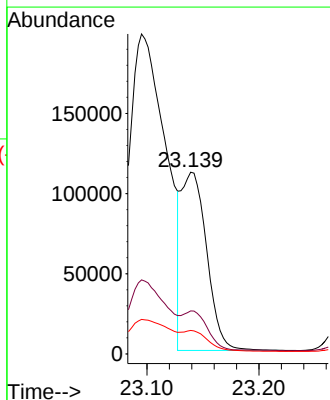
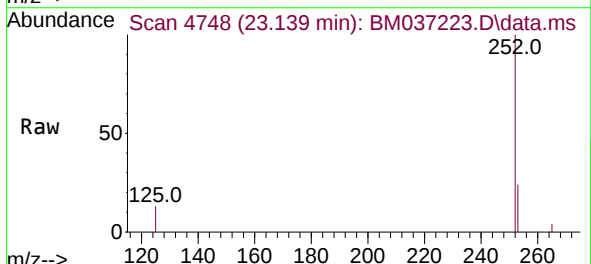
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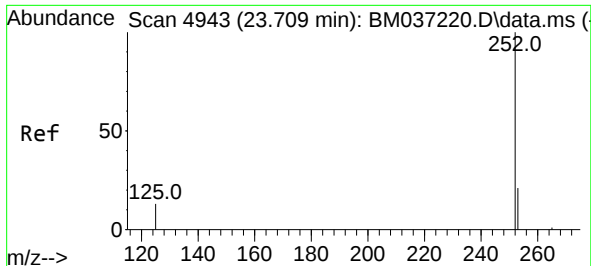
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#25
Benzo(k)fluoranthene
Concen: 3.355 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

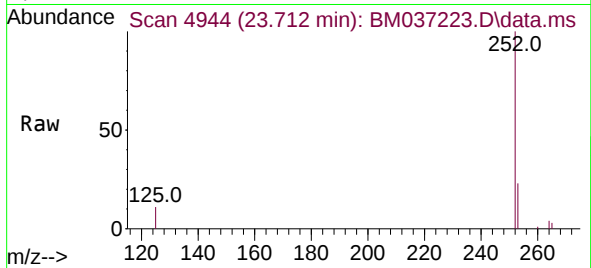
Tgt Ion:252 Resp: 175353
Ion Ratio Lower Upper
252 100
253 23.7 20.6 30.8
125 12.9 13.3 19.9#





#26
Benzo(a)pyrene
Concen: 7.923 ng/ul
RT: 23.712 min Scan# 4944
Delta R.T. 0.001 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

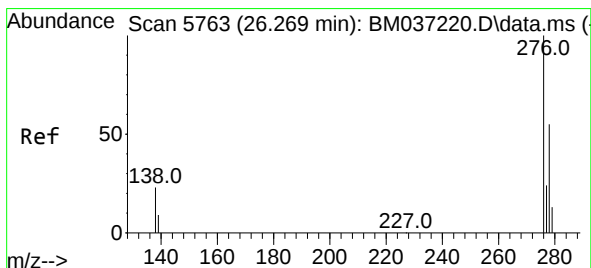
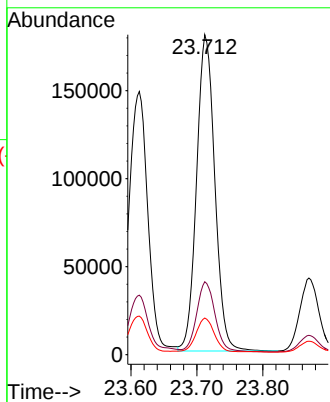
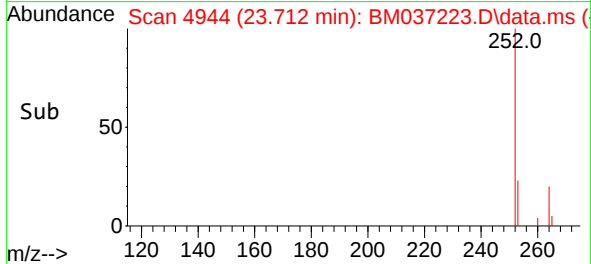
Instrument :
BNA_M
ClientSampleId :
C0BK1



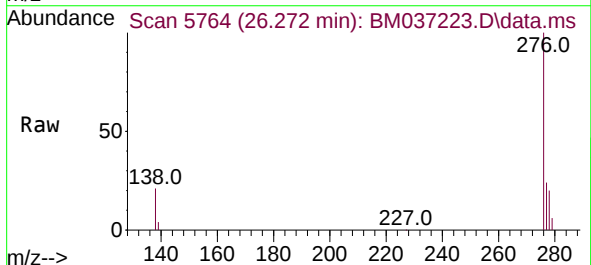
Tgt Ion:252 Resp: 344079
Ion Ratio Lower Upper
252 100
253 22.8 22.1 33.1
125 11.4 17.6 26.4

Manual Integrations
APPROVED

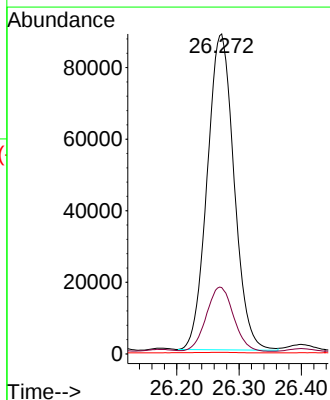
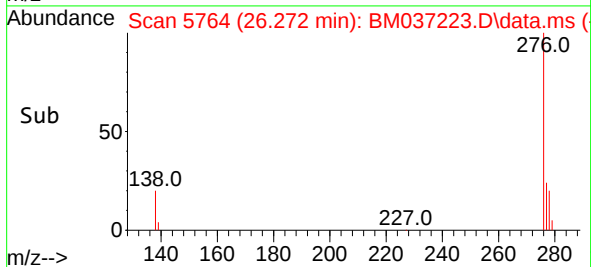
Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

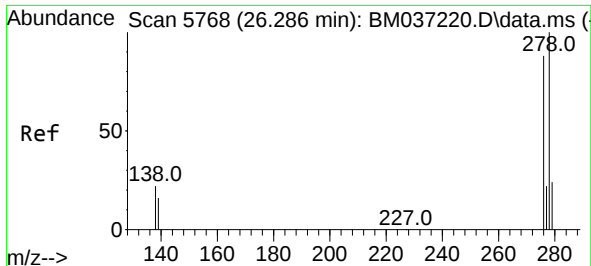


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.357 ng/ul
RT: 26.272 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55



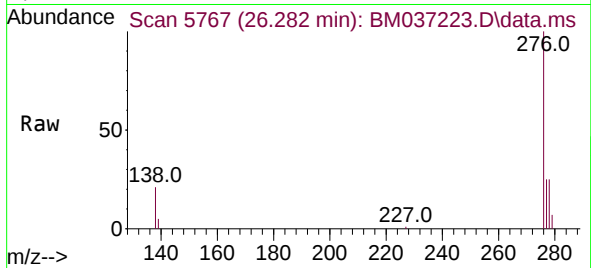
Tgt Ion:276 Resp: 264299
Ion Ratio Lower Upper
276 100
138 20.7 21.4 32.0#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.405 ng/ul
RT: 26.282 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

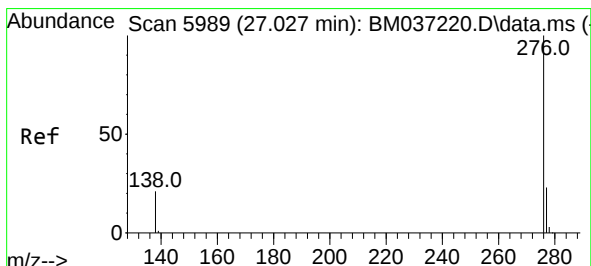
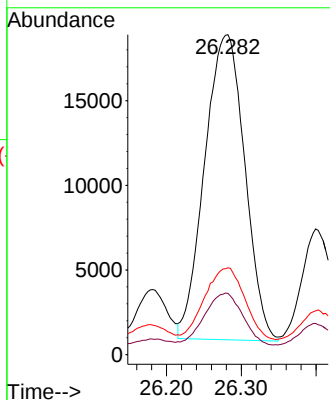
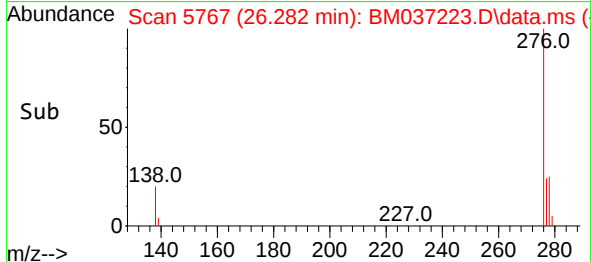
Instrument :
BNA_M
ClientSampleId :
C0BK1



Tgt Ion:278 Resp: 67270
Ion Ratio Lower Upper
278 100
139 19.1 16.3 24.5
279 27.1 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022



#29
Benzo(g,h,i)perylene
Concen: 4.862 ng/ul
RT: 27.030 min Scan# 5990
Delta R.T. 0.004 min
Lab File: BM037223.D
Acq: 25 Oct 2022 11:55

Tgt Ion:276 Resp: 259417
Ion Ratio Lower Upper
276 100
138 21.9 19.8 29.8
277 24.0 20.1 30.1

