

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037111.D
 Acq On : 17 Oct 2022 14:03
 Operator : CG/JU
 Sample : N5049-14RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBSORE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022

Quant Time: Oct 18 08:39:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5915	0.400	ng/u1	0.00
4) Naphthalene-d8	10.727	136	19877	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.553	164	9834	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.293	188	17071	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.470	240	15406	0.400	ng/u1	# 0.00
23) Perylene-d12	23.864	264	24079	0.400	ng/u1	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	33545	4.021	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.316	152	7469	0.249	ng/u1	0.00
18) Fluoranthene-d10	19.318	212	10364	0.225	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	71014	1.250	ng/u1	97
7) 2-Methylnaphthalene	12.387	142	41050	1.181	ng/u1	92
8) 1-Methylnaphthalene	12.607	142	29905	0.847	ng/u1	100
10) Acenaphthylene	14.280	152	331646	8.114	ng/u1	97
11) Acenaphthene	14.618	153	10514	0.296	ng/u1	97
12) Fluorene	15.603	166	15675	0.390	ng/u1	98
14) Pentachlorophenol	16.947	266	381	0.092	ng/u1	98
15) Phenanthrene	17.335	178	132423	2.430	ng/u1	99
16) Anthracene	17.428	178	608586	13.363	ng/u1	98
19) Fluoranthene	19.346	202	925649	15.106	ng/u1	98
20) Pyrene	19.713	202	1215592	19.023	ng/u1	98
21) Benzo(a)anthracene	21.452	228	1029437	18.494	ng/u1	96
22) Chrysene	21.508	228	1585352	26.528	ng/u1	98
24) Benzo(b)fluoranthene	23.142	252	3783457	35.172	ng/u1	87
25) Benzo(k)fluoranthene	23.182	252	1099103m	10.486	ng/u1	
26) Benzo(a)pyrene	23.764	252	2095124	24.006	ng/u1#	75
27) Indeno(1,2,3-cd)pyrene	26.366	276	2604364	21.066	ng/u1#	98
28) Dibenzo(a,h)anthracene	26.369	278	679528m	6.801	ng/u1	
29) Benzo(g,h,i)perylene	27.127	276	2245483	20.611	ng/u1	98

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

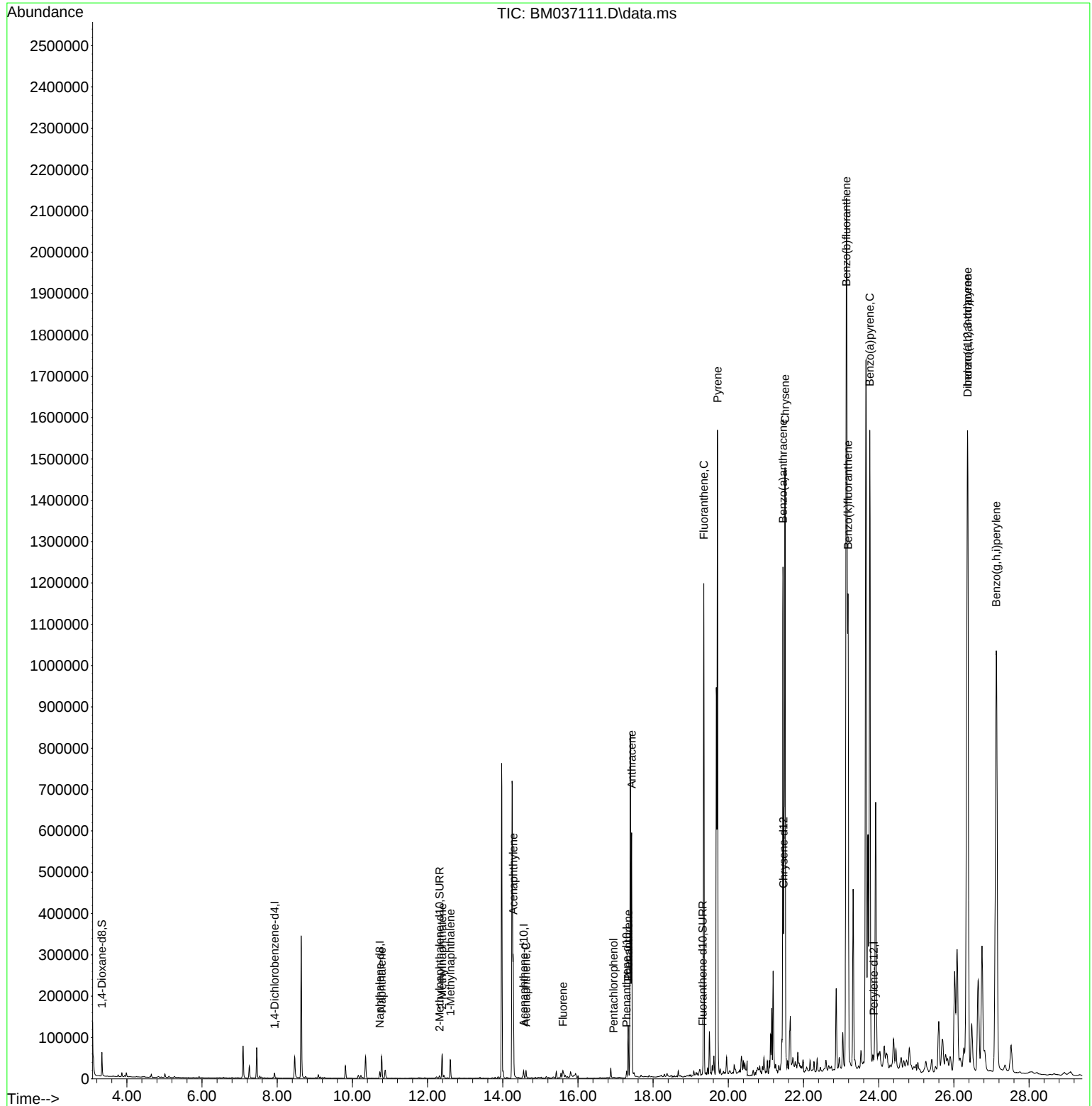
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037111.D
Acq On : 17 Oct 2022 14:03
Operator : CG/JU
Sample : N5049-14RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

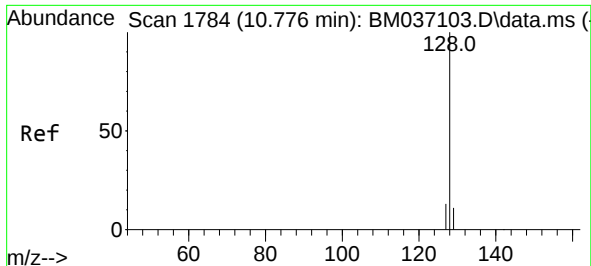
Instrument :
BNA_M
ClientSampleId :
C0BS0RE

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

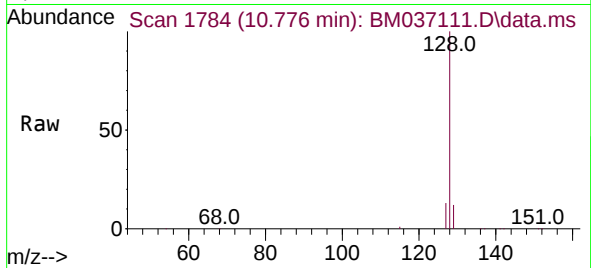
Quant Time: Oct 18 08:39:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.250 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

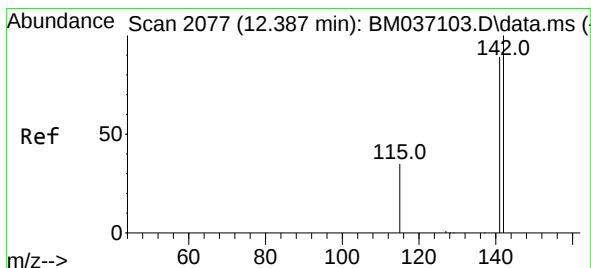
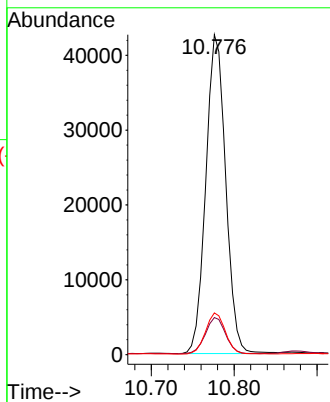
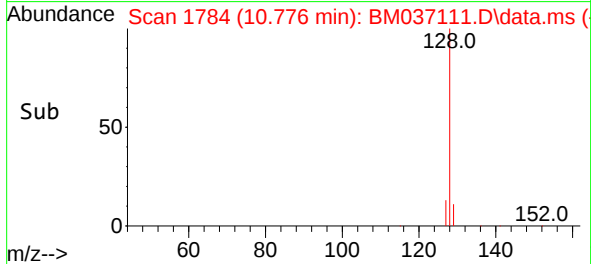
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



Tgt Ion:128 Resp: 71014
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.0 11.7 17.5

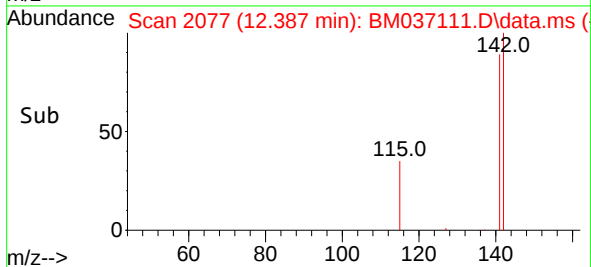
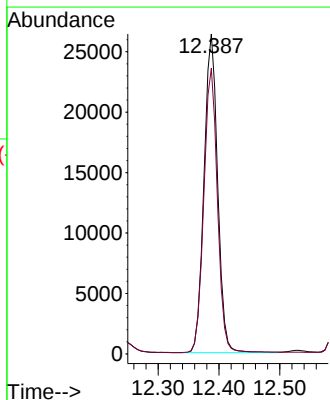
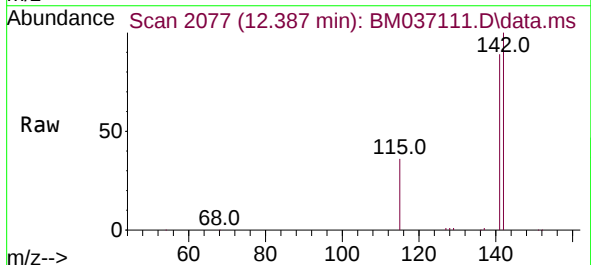
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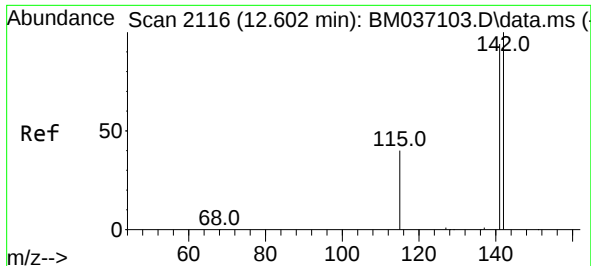
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 1.181 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

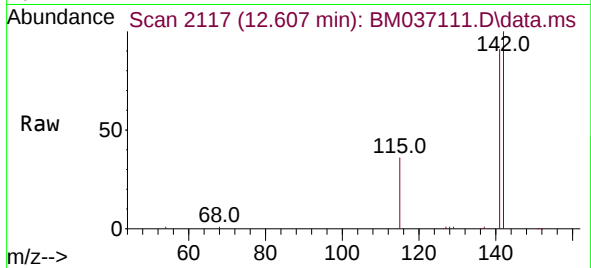
Tgt Ion:142 Resp: 41050
Ion Ratio Lower Upper
142 100
141 89.2 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.847 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

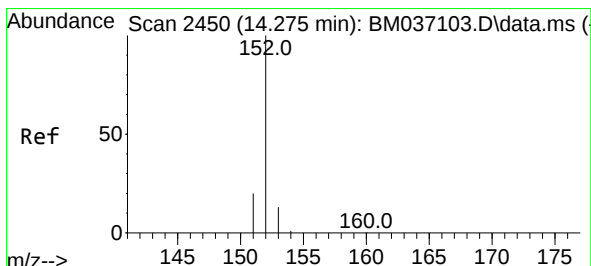
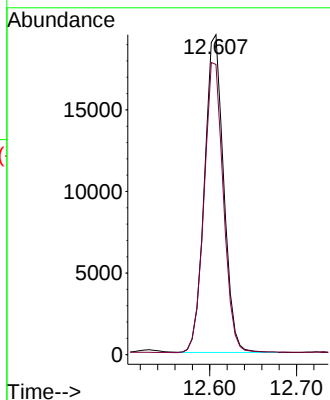
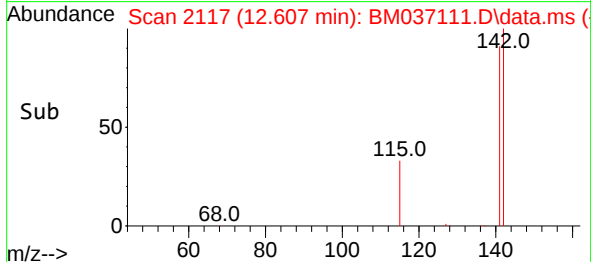
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



Tgt Ion:142 Resp: 29905
Ion Ratio Lower Upper
142 100
141 92.1 74.1 111.1

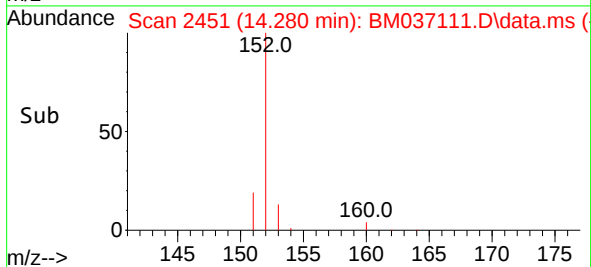
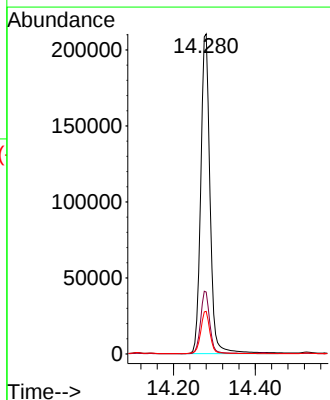
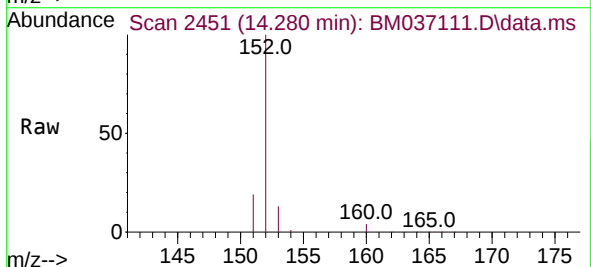
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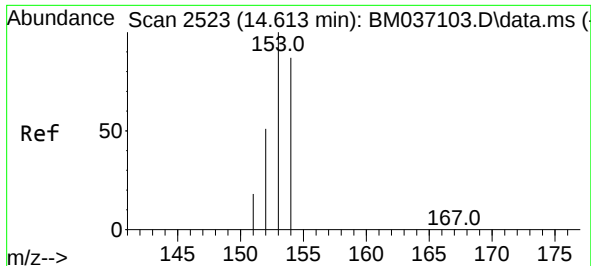
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#10
Acenaphthylene
Concen: 8.114 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

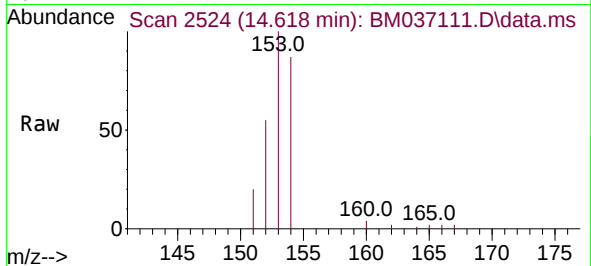
Tgt Ion:152 Resp: 331646
Ion Ratio Lower Upper
152 100
151 19.3 16.6 24.8
153 13.3 11.4 17.0





#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.618 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

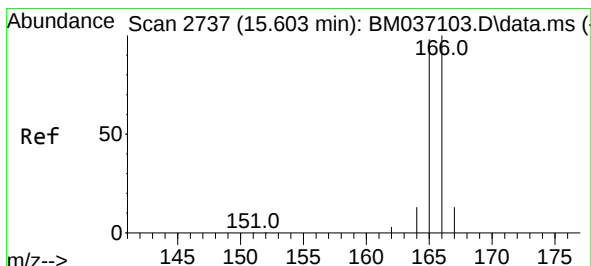
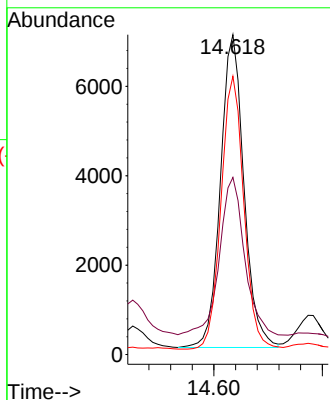
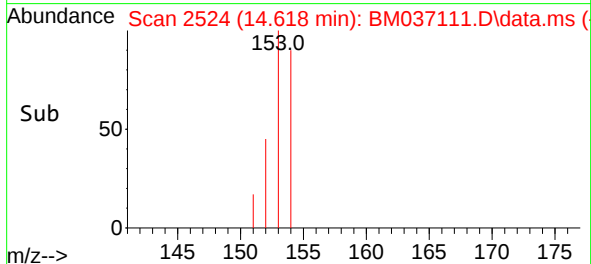
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



Tgt Ion:153 Resp: 10514
Ion Ratio Lower Upper
153 100
152 55.4 40.2 60.4
154 87.0 69.7 104.5

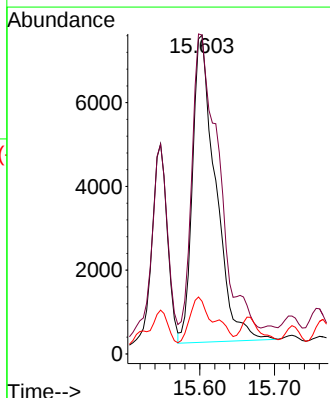
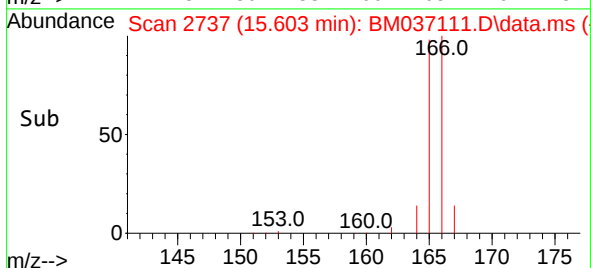
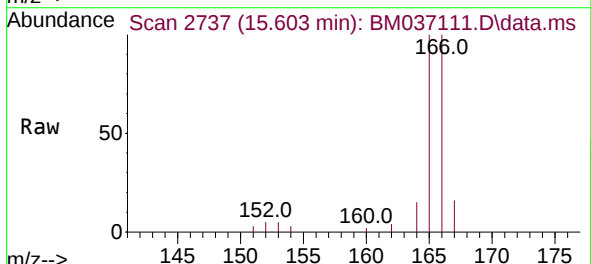
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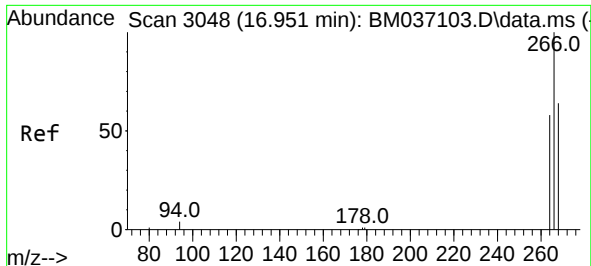
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

Tgt Ion:166 Resp: 15675
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 16.5 11.3 16.9





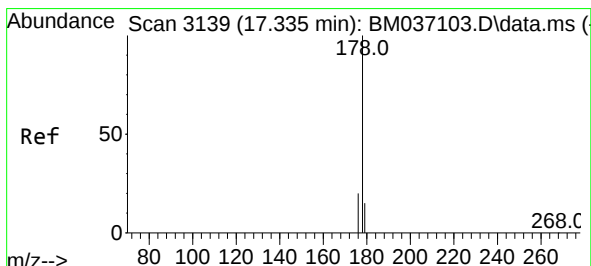
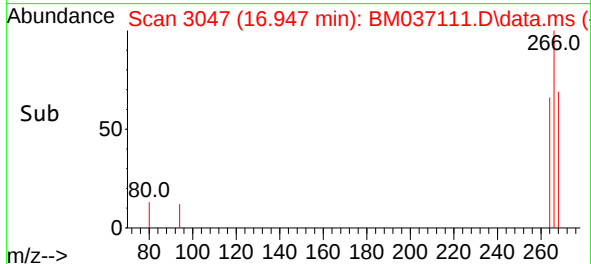
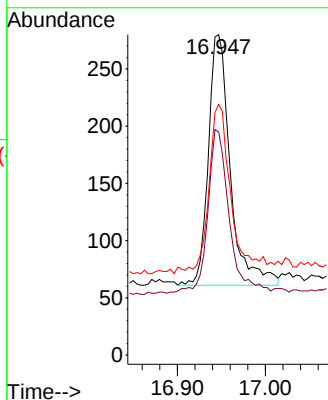
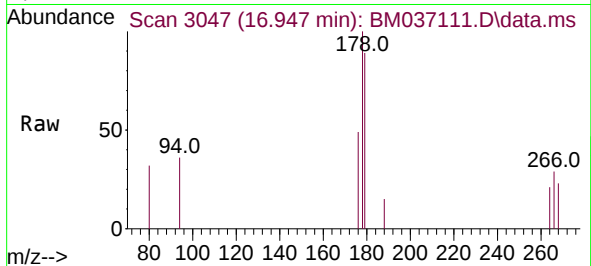
#14
Pentachlorophenol
Concen: 0.092 ng/ul
RT: 16.947 min Scan# 3047
Delta R.T. -0.003 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

Instrument :
BNA_M
ClientSampleId :
COBSORE

Tgt Ion:266 Resp: 381
Ion Ratio Lower Upper
266 100
264 63.3 50.3 75.5
268 64.0 53.5 80.3

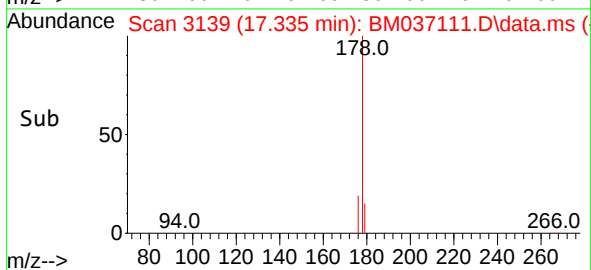
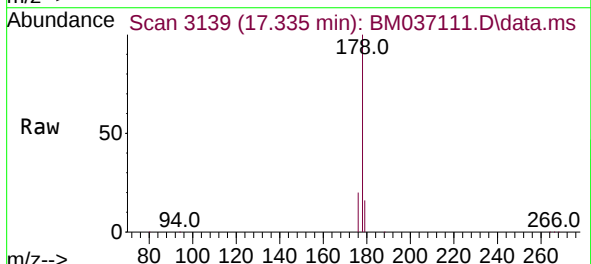
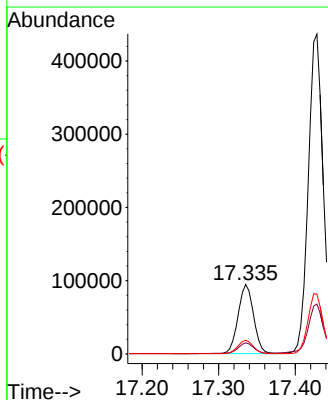
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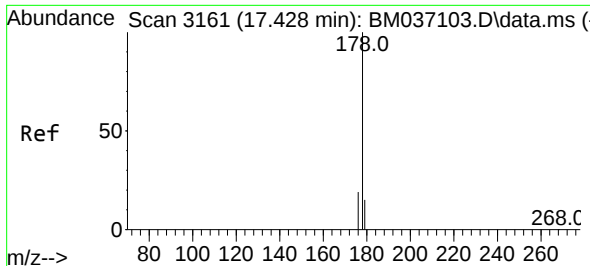
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#15
Phenanthrene
Concen: 2.430 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

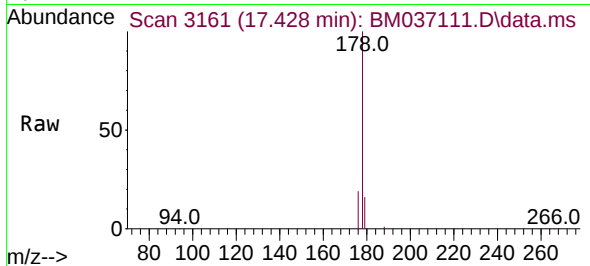
Tgt Ion:178 Resp: 132423
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 13.363 ng/ul
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM037111.D
 Acq: 17 Oct 2022 14:03

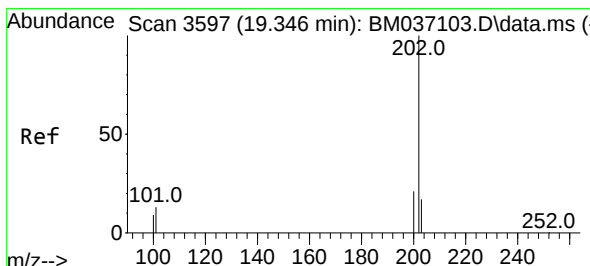
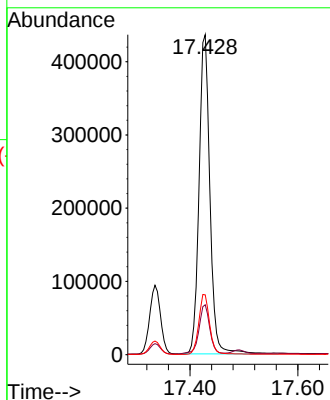
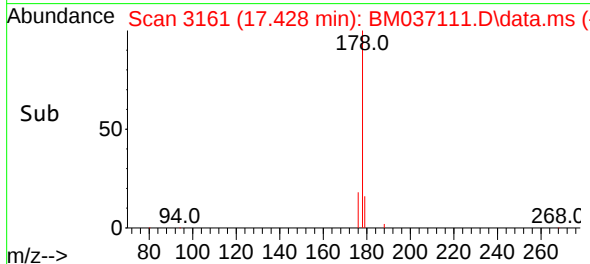
Instrument :
 BNA_M
 ClientSampleId :
 COBSORE



Tgt Ion:178 Resp: 608586
 Ion Ratio Lower Upper
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 179 15.6 13.6 20.4
 176 18.7 15.6 23.4

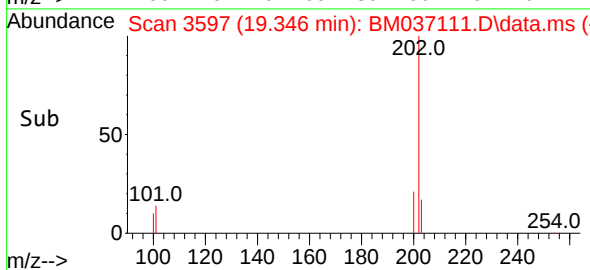
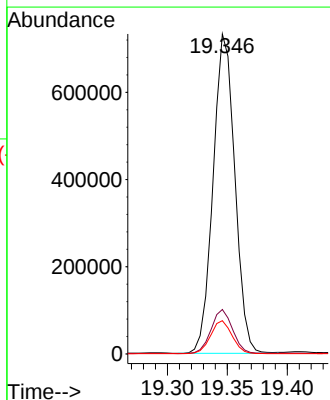
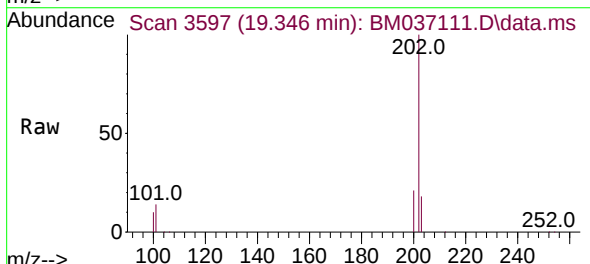
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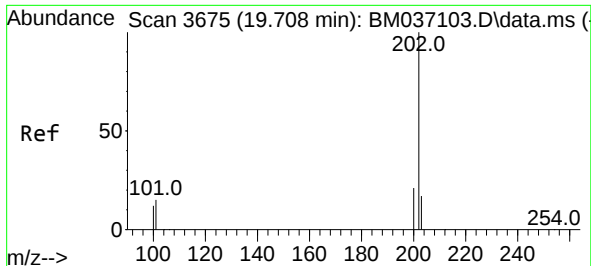
Reviewed By :Jagrut Upadhyay 10/18/2022
 Supervised By :mohammad ahmed 10/19/2022



#19
 Fluoranthene
 Concen: 15.106 ng/ul
 RT: 19.346 min Scan# 3597
 Delta R.T. -0.004 min
 Lab File: BM037111.D
 Acq: 17 Oct 2022 14:03

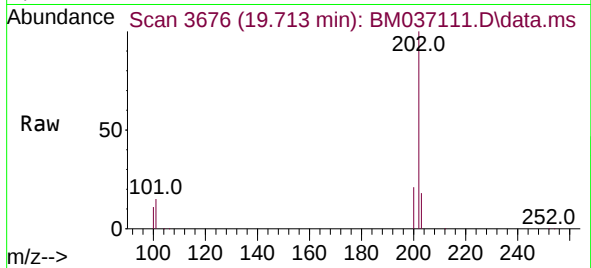
Tgt Ion:202 Resp: 925649
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.1 15.1
 100 10.4 7.9 11.9





#20
Pyrene
Concen: 19.023 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.006 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

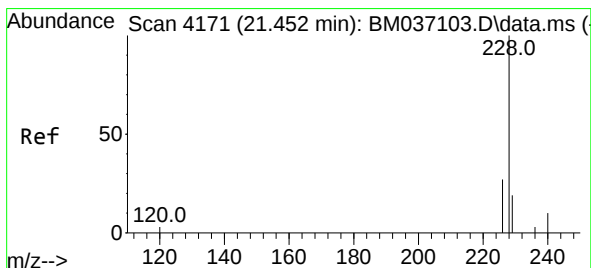
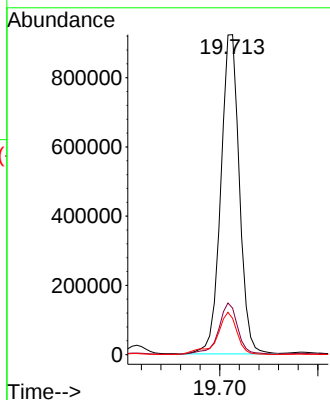
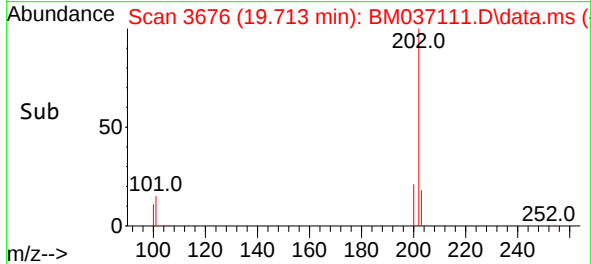
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



Tgt Ion:202 Resp: 1215592
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.3 9.8 14.6

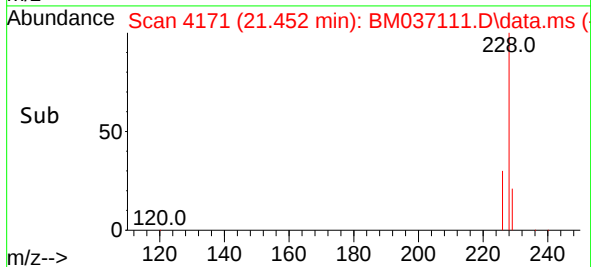
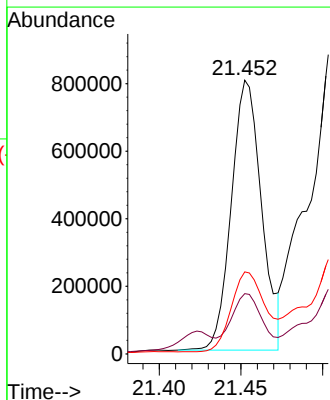
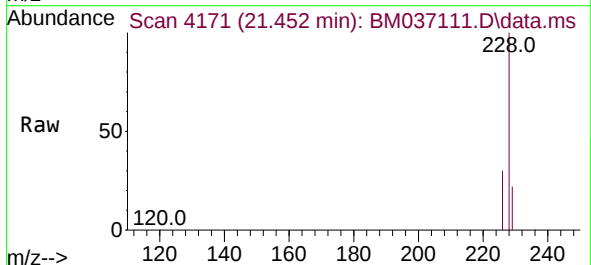
Manual Integrations
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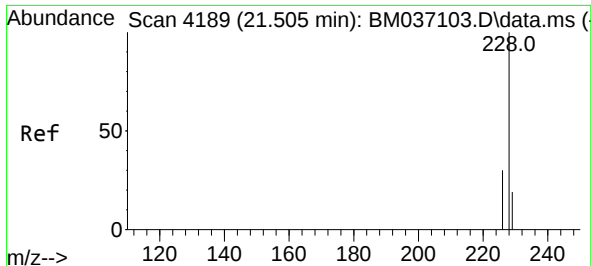
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#21
Benzo(a)anthracene
Concen: 18.494 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

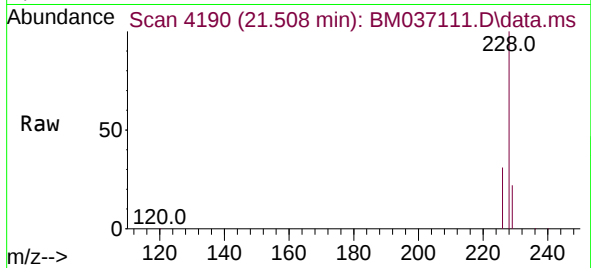
Tgt Ion:228 Resp: 1029437
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 29.9 22.5 33.7





#22
Chrysene
Concen: 26.528 ng/ul
RT: 21.508 min Scan# 4189
Delta R.T. 0.005 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

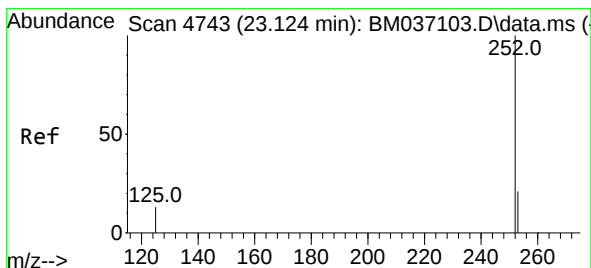
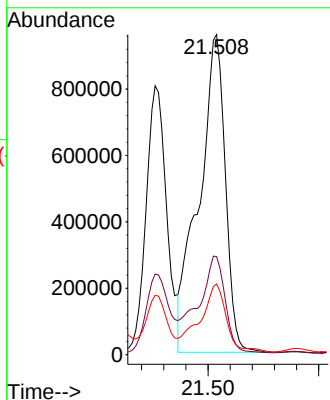
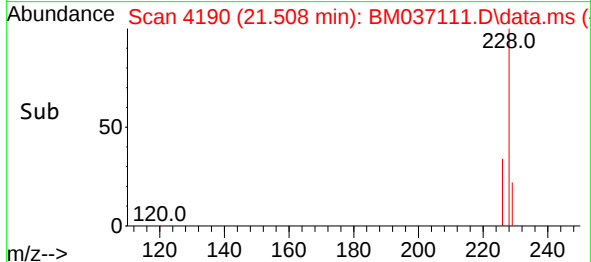
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



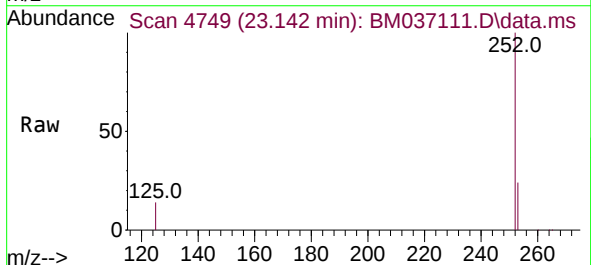
Tgt Ion:228 Resp: 1585352
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.1 16.4 24.6

Manual Integrations
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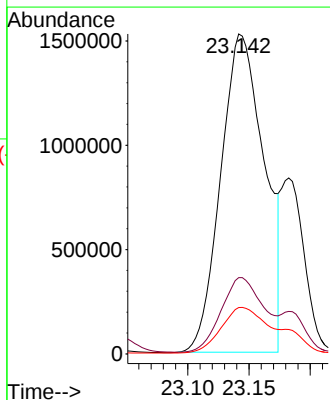
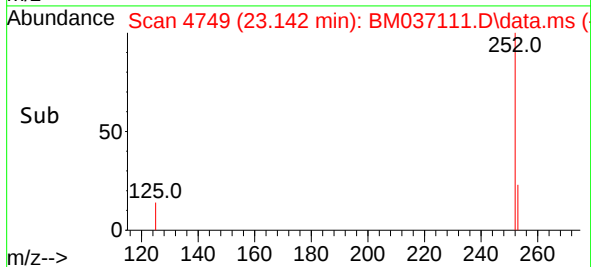
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

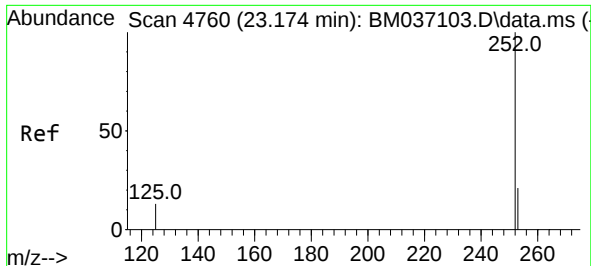


#24
Benzo(b)fluoranthene
Concen: 35.172 ng/ul
RT: 23.142 min Scan# 4749
Delta R.T. 0.020 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03



Tgt Ion:252 Resp: 3783457
Ion Ratio Lower Upper
252 100
253 23.8 0.0 61.4
125 14.5 0.0 42.6





#25

Benzo(k)fluoranthene

Concen: 10.486 ng/ul m

RT: 23.182 min Scan# 4763

Delta R.T. 0.014 min

Lab File: BM037111.D

Acq: 17 Oct 2022 14:03

Instrument :

BNA_M

ClientSampleId :

C0BS0RE

Tgt Ion:252 Resp: 1099103

Ion Ratio Lower Upper

252 100

253 24.2 25.2 37.8

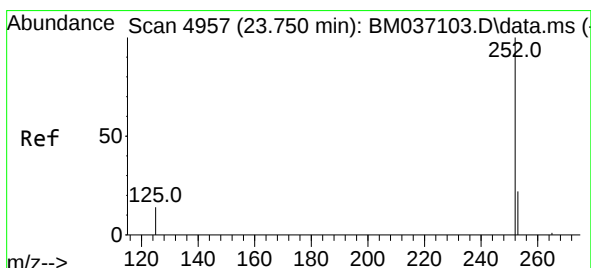
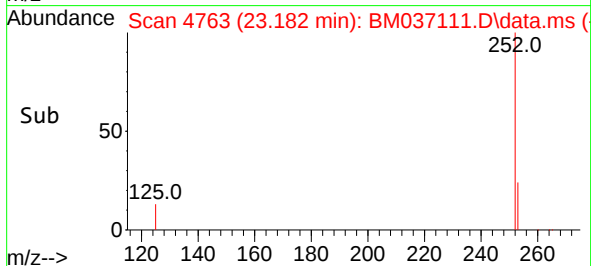
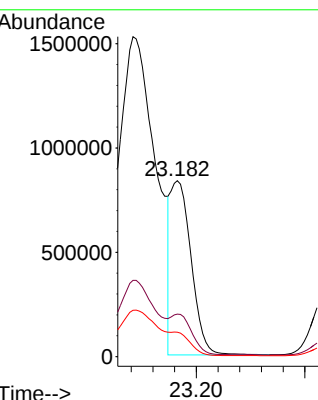
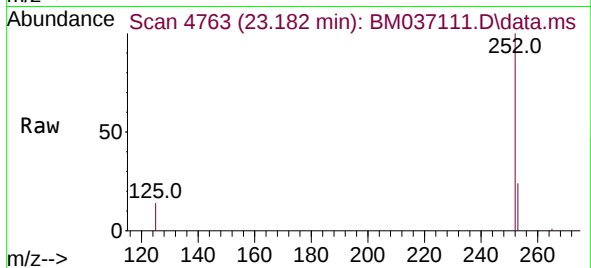
125 13.8 18.3 27.5

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#26

Benzo(a)pyrene

Concen: 24.006 ng/ul

RT: 23.764 min Scan# 4962

Delta R.T. 0.020 min

Lab File: BM037111.D

Acq: 17 Oct 2022 14:03

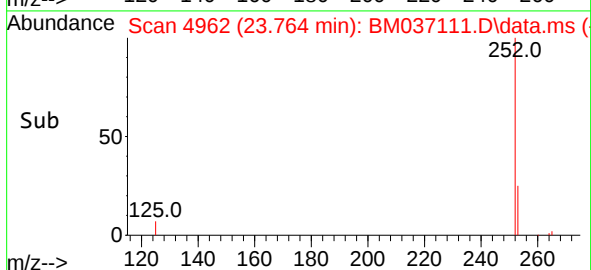
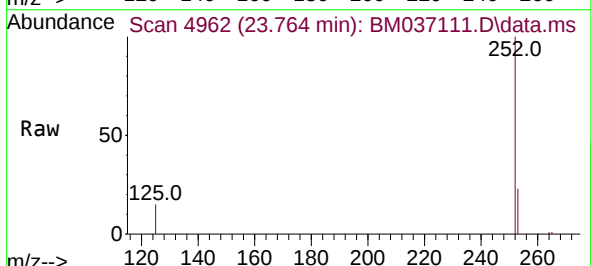
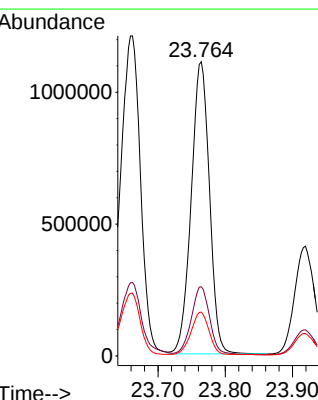
Tgt Ion:252 Resp: 2095124

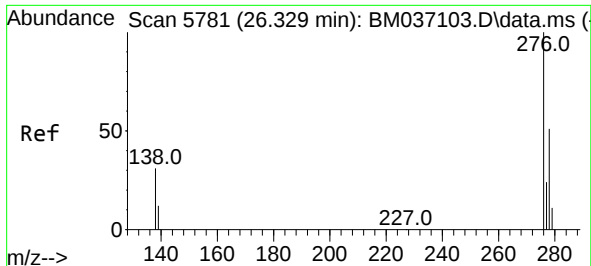
Ion Ratio Lower Upper

252 100

253 23.5 29.7 44.5#

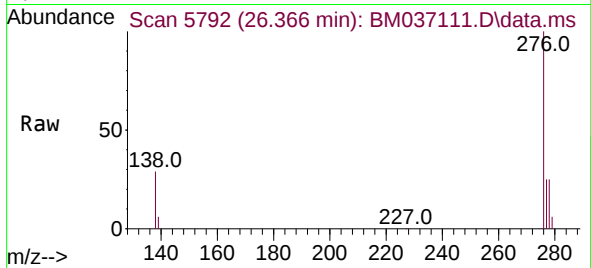
125 14.9 23.6 35.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 21.066 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. 0.039 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

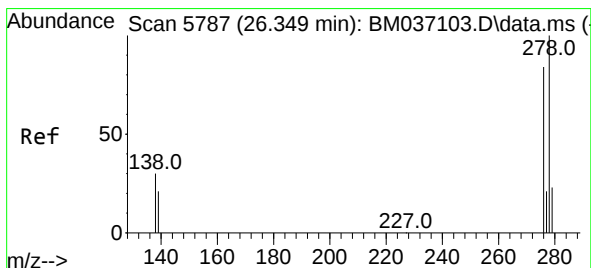
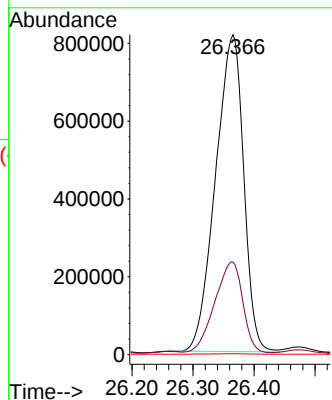
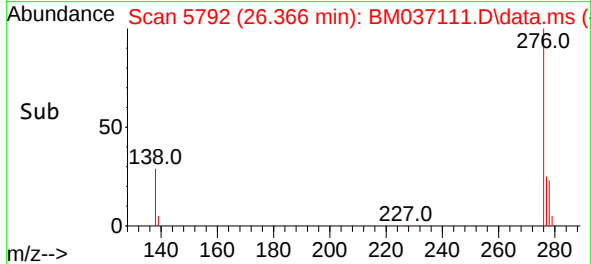
Instrument :
BNA_M
ClientSampleId :
C0BS0RE



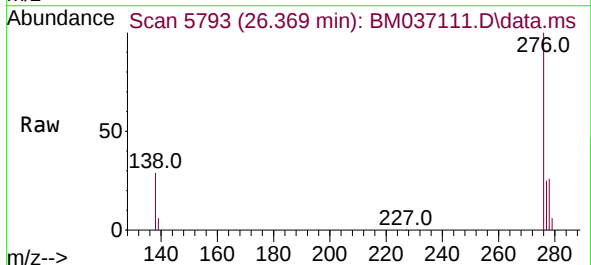
Tgt Ion:276 Resp: 2604364
Ion Ratio Lower Upper
276 100
138 28.8 23.9 35.9
227 0.2 0.1 0.1

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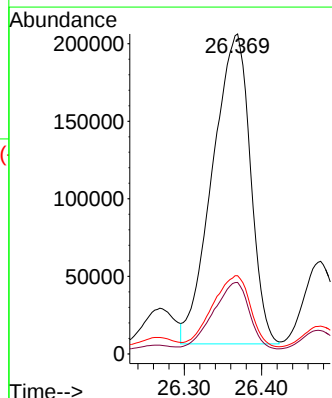
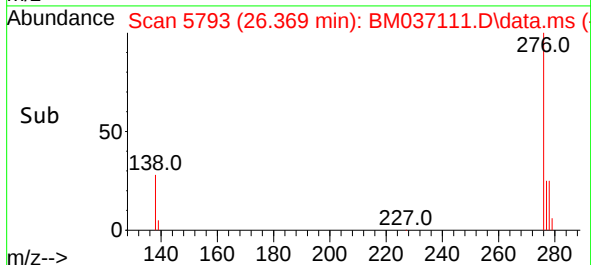
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

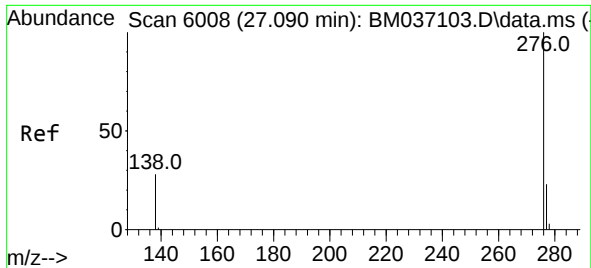


#28
Dibenzo(a,h)anthracene
Concen: 6.801 ng/ul m
RT: 26.369 min Scan# 5793
Delta R.T. 0.026 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03



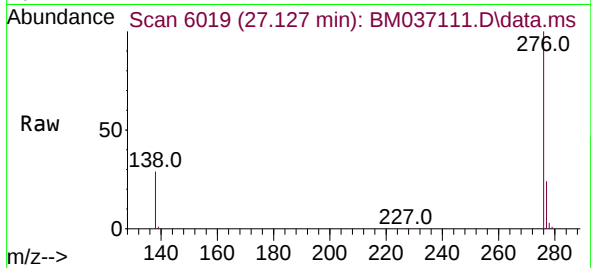
Tgt Ion:278 Resp: 679528
Ion Ratio Lower Upper
278 100
139 22.3 19.8 29.6
279 24.4 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 20.611 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. 0.040 min
Lab File: BM037111.D
Acq: 17 Oct 2022 14:03

Instrument :
BNA_M
ClientSampleId :
C0BS0RE



Tgt Ion:276 Resp: 2245483
Ion Ratio Lower Upper
276 100
138 29.1 23.4 35.0
277 24.2 21.0 31.4

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Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

