

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037071.D
 Acq On : 15 Oct 2022 01:37
 Operator : CG/JU
 Sample : N5049-09
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBM0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 15 02:32:01 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 : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23014	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	12713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	25685	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	18426	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	14179	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	35785	3.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9674	0.278	ng/ul	-0.01
18) Fluoranthene-d10	19.317	212	19463	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.782	128	57743	0.878	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	46483	1.155	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	35972	0.880	ng/ul	99
10) Acenaphthylene	14.279	152	14456	0.274	ng/ul#	94
11) Acenaphthene	14.617	153	1913	0.042	ng/ul	95
12) Fluorene	15.602	166	2556	0.049	ng/ul#	75
15) Phenanthrene	17.339	178	62466	0.762	ng/ul	99
16) Anthracene	17.427	178	39791	0.581	ng/ul	99
19) Fluoranthene	19.350	202	108784	1.484	ng/ul	98
20) Pyrene	19.712	202	111292m	1.456	ng/ul	
21) Benzo(a)anthracene	21.450	228	92251	1.386	ng/ul	98
22) Chrysene	21.503	228	153189	2.143	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	196629	3.104	ng/ul	87
25) Benzo(k)fluoranthene	23.169	252	69971m	1.134	ng/ul	
26) Benzo(a)pyrene	23.748	252	98945	1.925	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	88826	1.220	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.336	278	23954	0.407	ng/ul	94
29) Benzo(g,h,i)perylene	27.094	276	79488	1.239	ng/ul	97

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

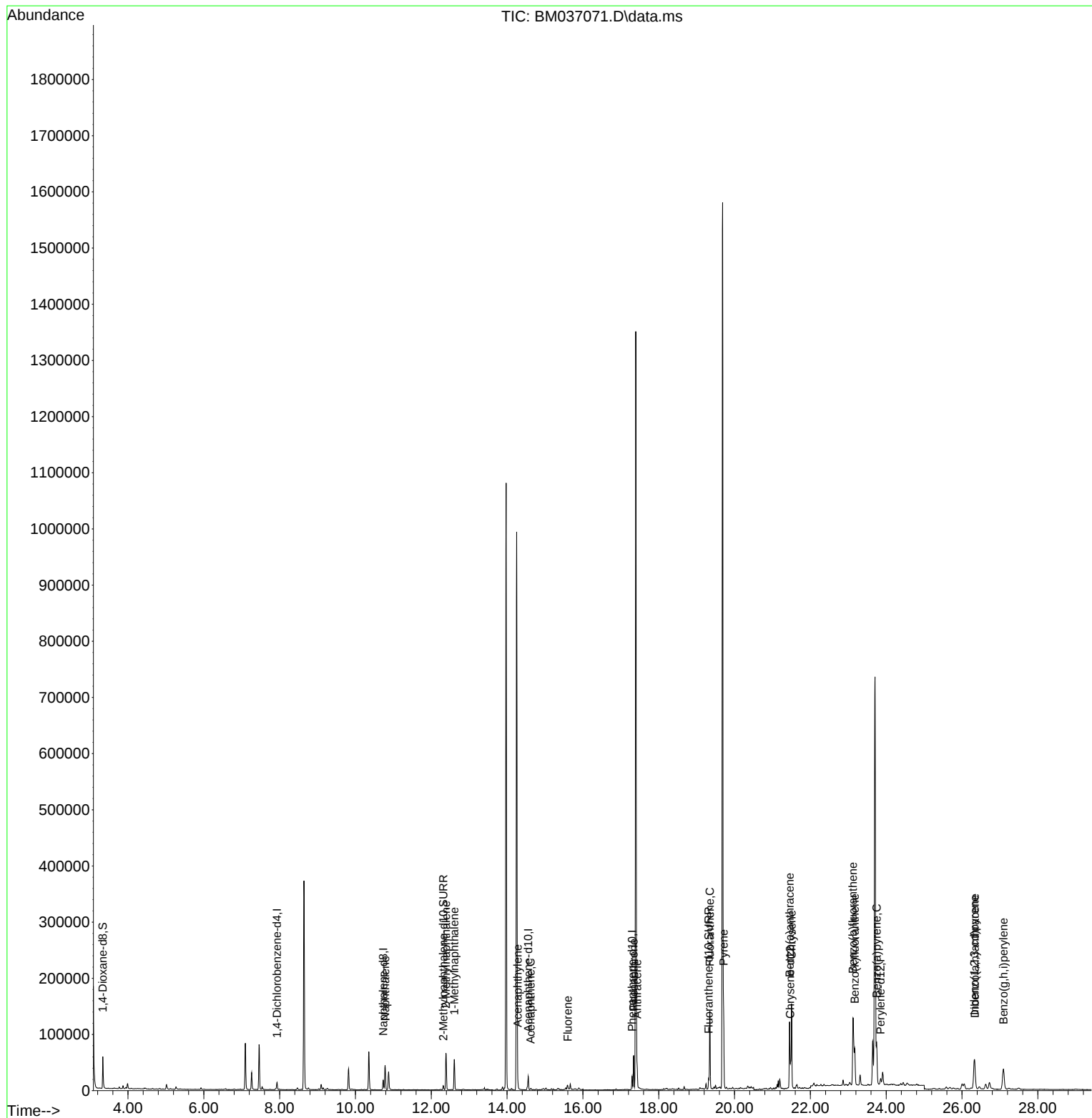
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037071.D
Acq On : 15 Oct 2022 01:37
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ALS Vial : 67 Sample Multiplier: 1

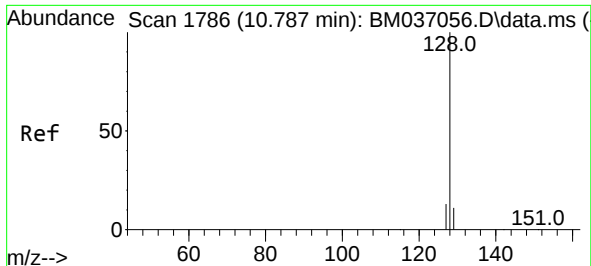
Instrument :
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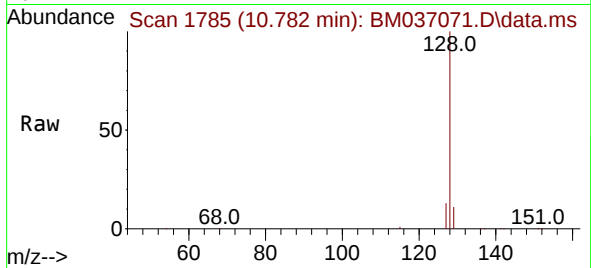
Quant Time: Oct 15 02:32:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.878 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

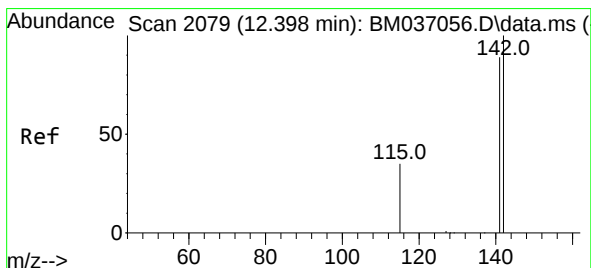
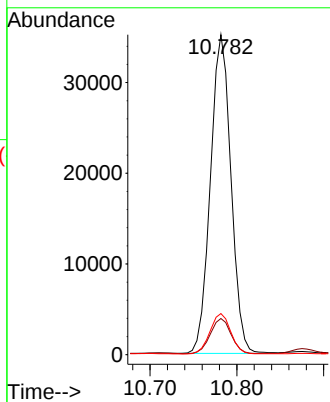
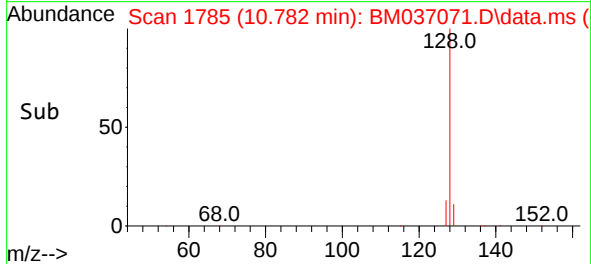
Instrument :
BNA_M
ClientSampleId :
COBM0



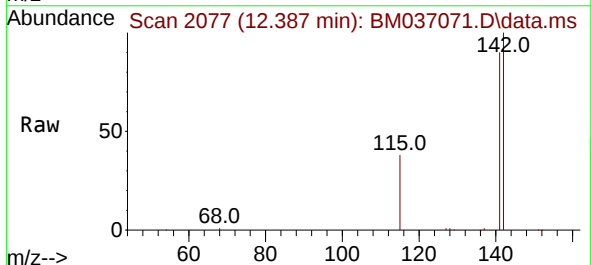
Tgt Ion:128 Resp: 5774
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 12.9 11.7 17.5

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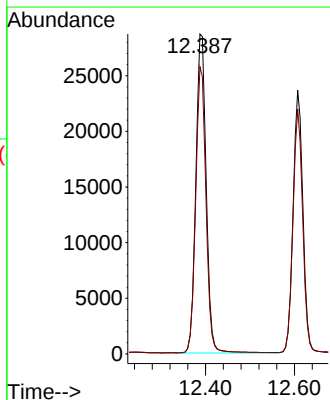
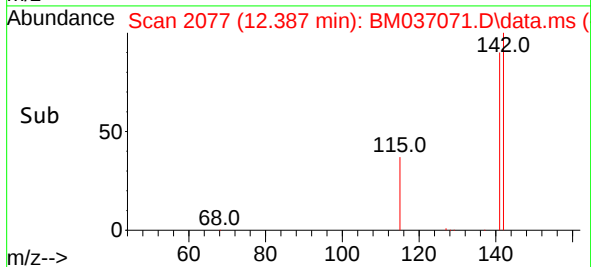
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

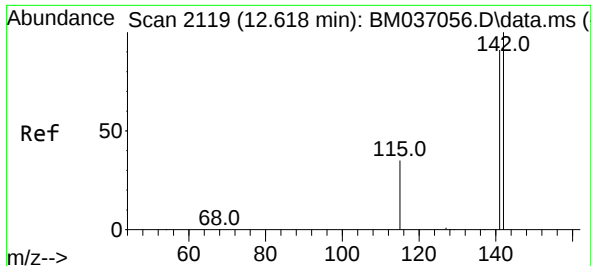


#7
2-Methylnaphthalene
Concen: 1.155 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37



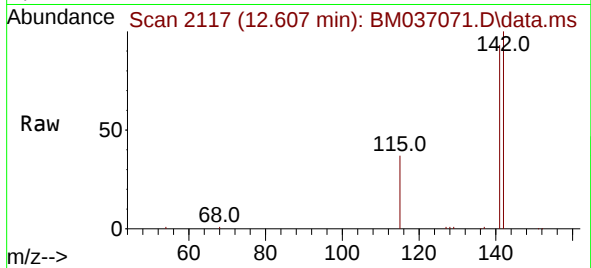
Tgt Ion:142 Resp: 46483
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.880 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

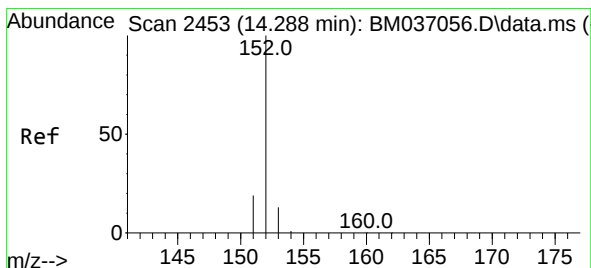
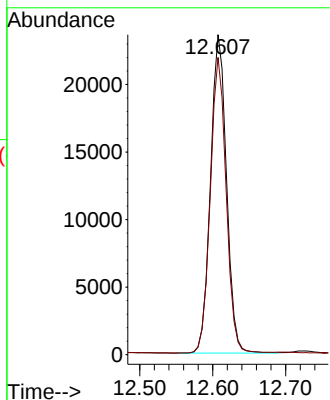
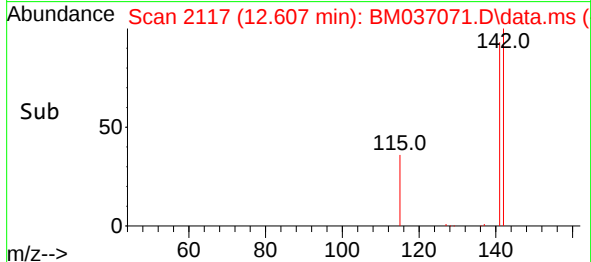
Instrument :
BNA_M
ClientSampleId :
COBM0



Tgt Ion:142 Resp: 35972
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1

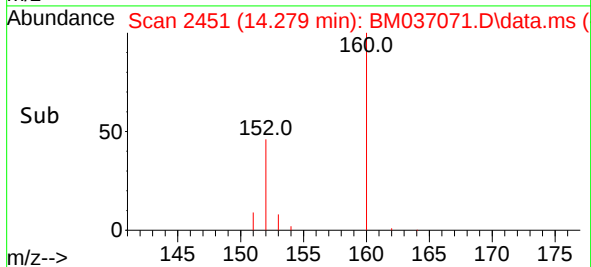
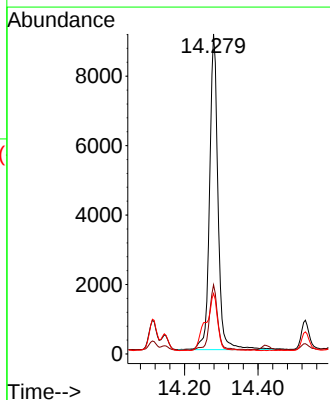
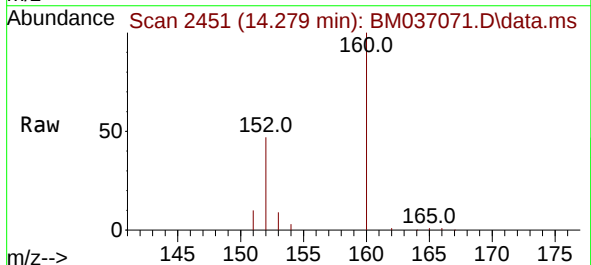
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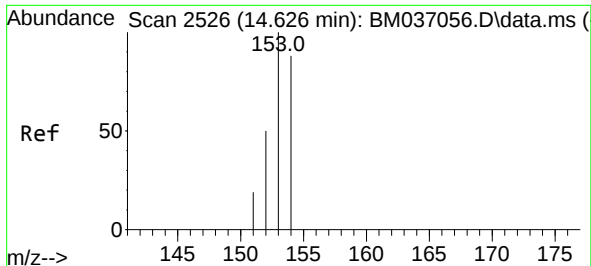
Reviewed By :Yogesh Patel 10/15/2022
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#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

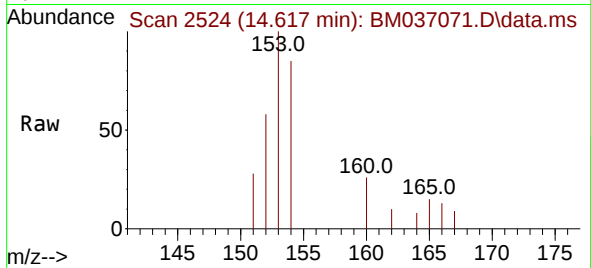
Tgt Ion:152 Resp: 14456
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8
153 18.9 11.4 17.0#





#11
Acenaphthene
Concen: 0.042 ng/uI
RT: 14.617 min Scan# 2524
Delta R.T. -0.010 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

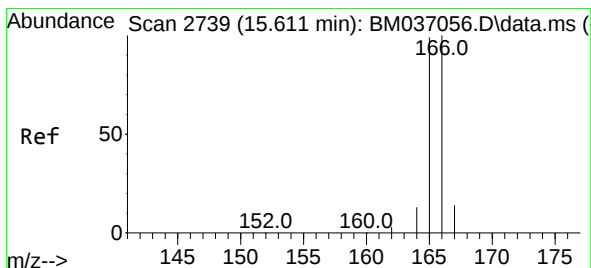
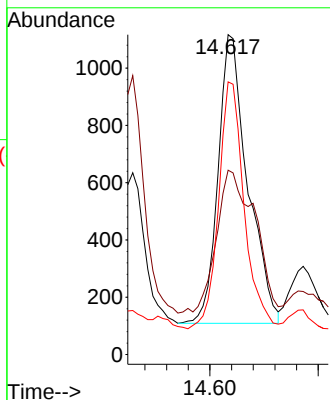
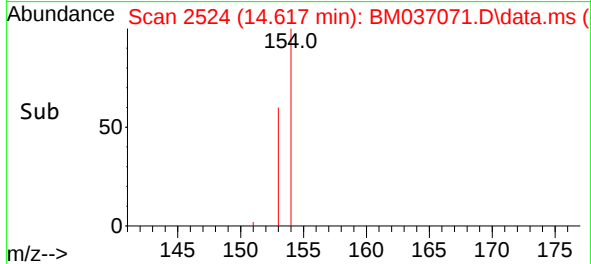
Instrument :
BNA_M
ClientSampleId :
COBM0



Tgt Ion:153 Resp: 1911
Ion Ratio Lower Upper
153 100
152 57.7 40.2 60.4
154 85.2 69.7 104.5

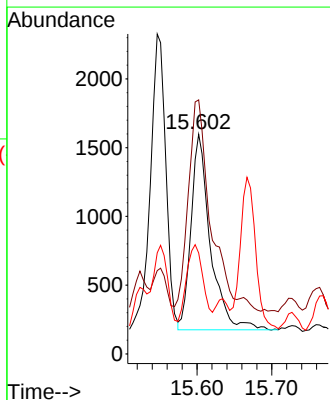
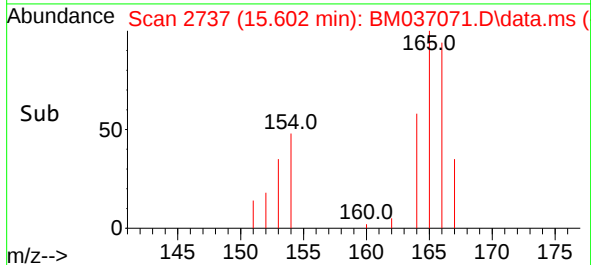
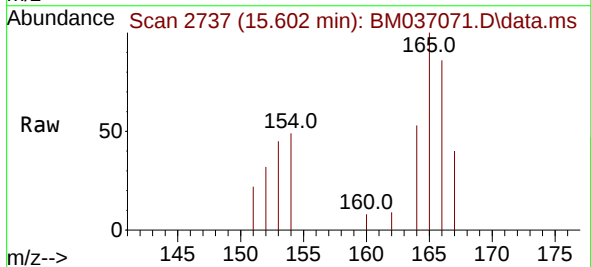
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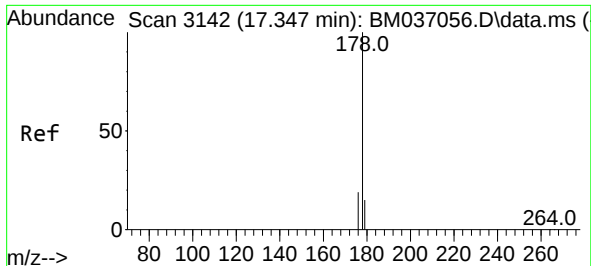
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.049 ng/uI
RT: 15.602 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

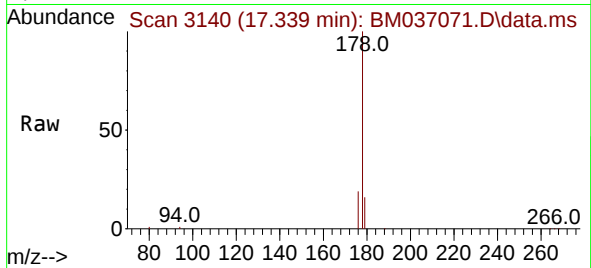
Tgt Ion:166 Resp: 2556
Ion Ratio Lower Upper
166 100
165 115.7 78.9 118.3
167 46.0 11.3 16.9#





#15
Phenanthrene
Concen: 0.762 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

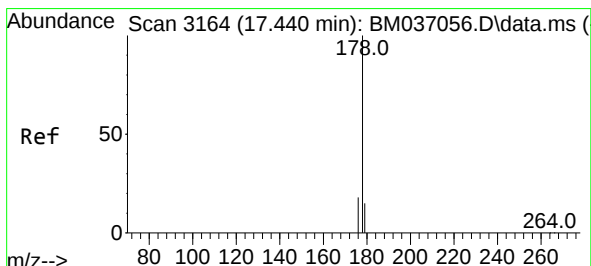
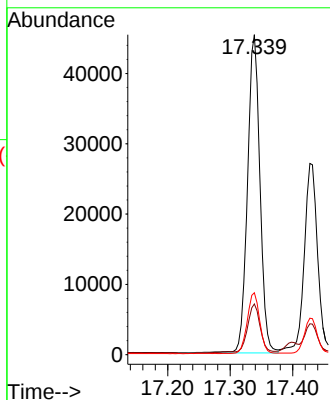
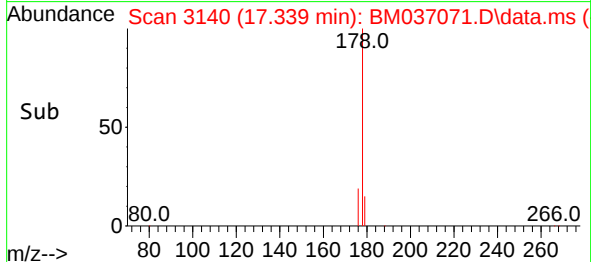
Instrument :
BNA_M
ClientSampleId :
COBM0



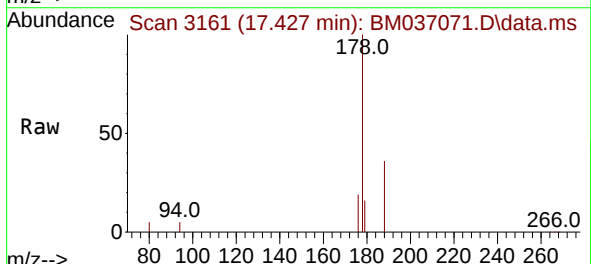
Tgt Ion:178 Resp: 62460
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.6 23.4

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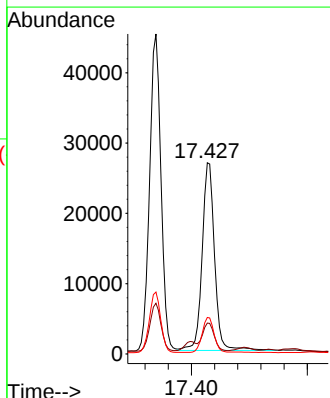
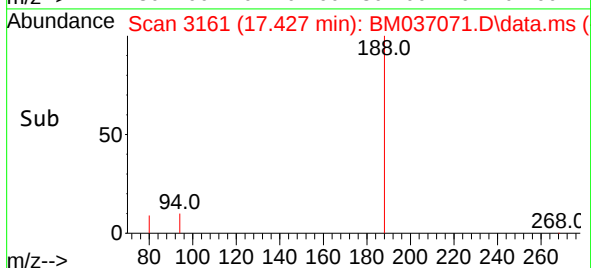
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

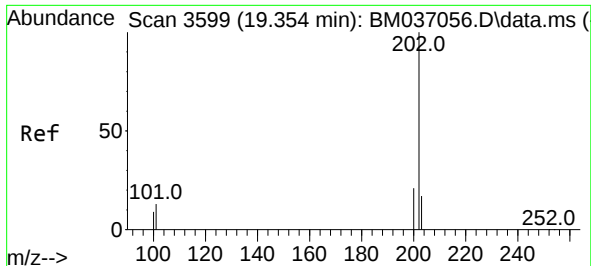


#16
Anthracene
Concen: 0.581 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37



Tgt Ion:178 Resp: 39791
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.1 15.6 23.4





#19

Fluoranthene

Concen: 1.484 ng/ul

RT: 19.350 min Scan# 3599

Delta R.T. -0.005 min

Lab File: BM037071.D

Acq: 15 Oct 2022 01:37

Instrument :

BNA_M

ClientSampleId :

COBM0

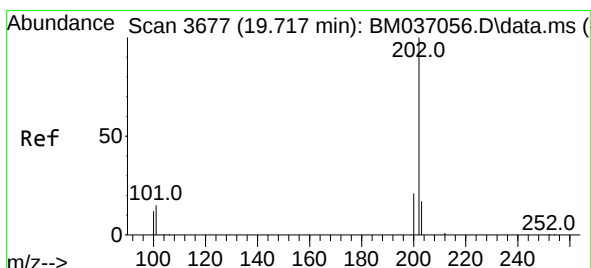
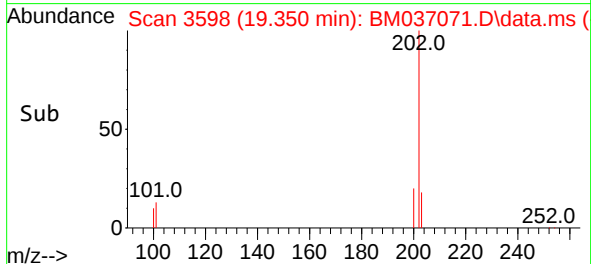
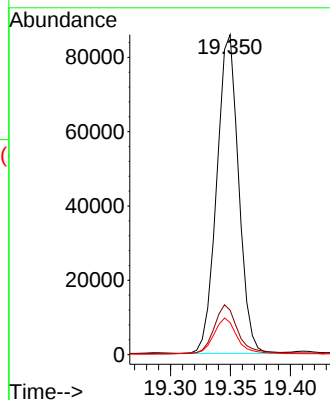
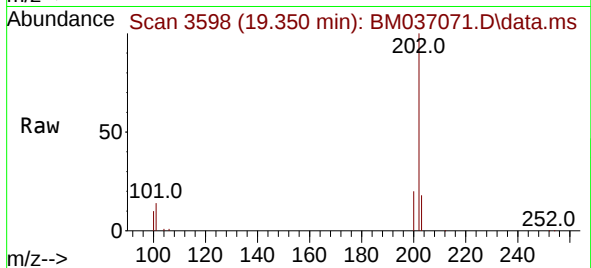
Tgt Ion:202 Resp: 108784
 Ion Ratio Lower Upper
 202 100
 101 13.9 10.1 15.1
 100 10.0 7.9 11.9

Manual Integrations

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#20

Pyrene

Concen: 1.456 ng/ul m

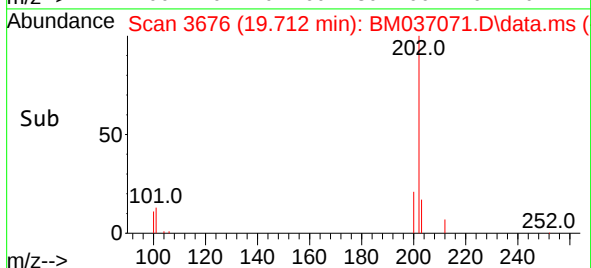
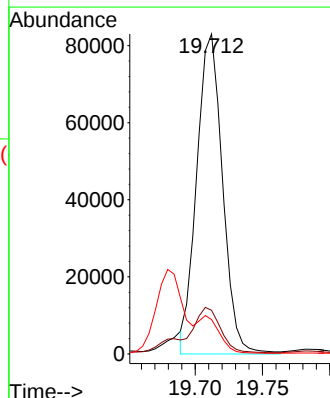
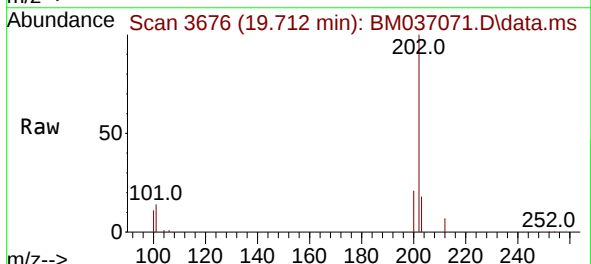
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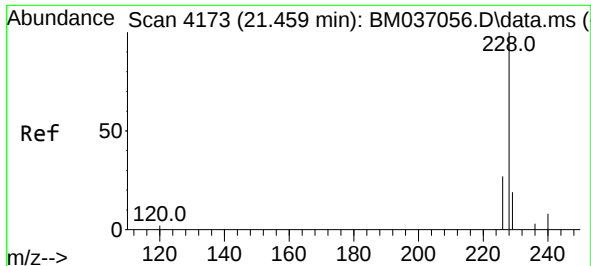
Delta R.T. -0.005 min

Lab File: BM037071.D

Acq: 15 Oct 2022 01:37

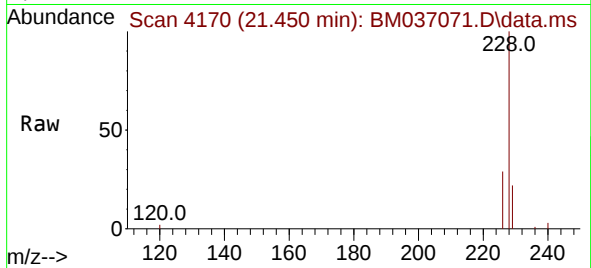
Tgt Ion:202 Resp: 111292
 Ion Ratio Lower Upper
 202 100
 101 13.6 12.0 18.0
 100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.386 ng/ul
RT: 21.450 min Scan# 4173
Delta R.T. -0.008 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

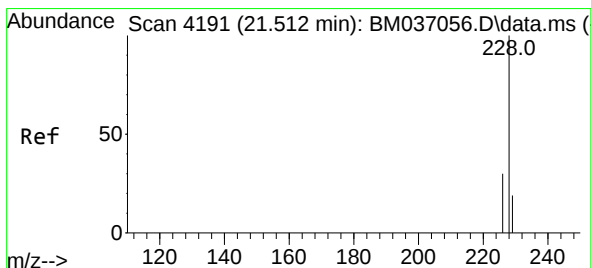
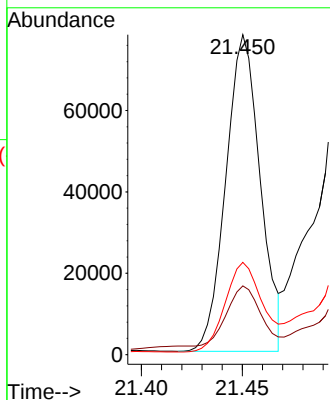
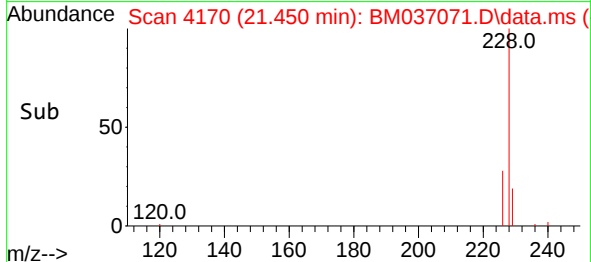
Instrument :
BNA_M
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COBM0



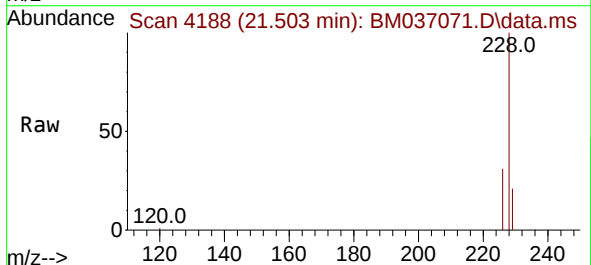
Tgt Ion:228 Resp: 9225
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.9 22.5 33.7

Manual Integrations
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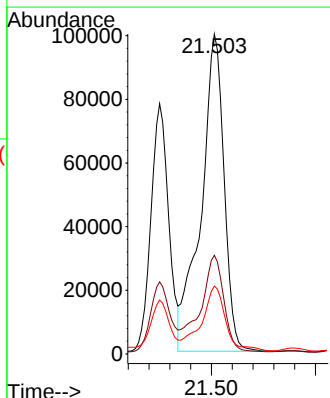
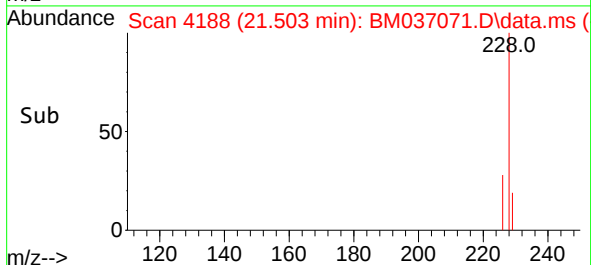
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

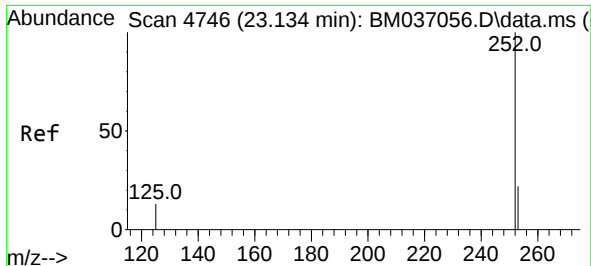


#22
Chrysene
Concen: 2.143 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. -0.008 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37



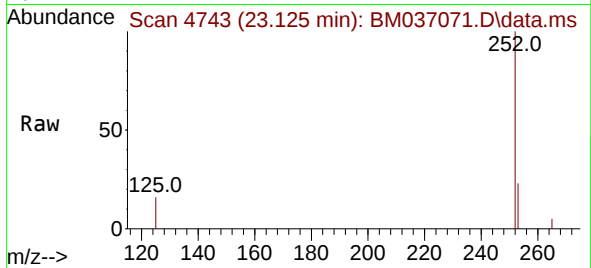
Tgt Ion:228 Resp: 153189
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.104 ng/ul
RT: 23.125 min Scan# 4743
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

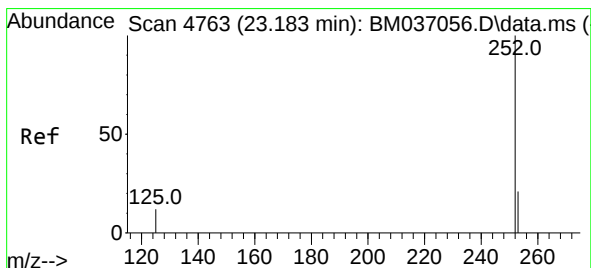
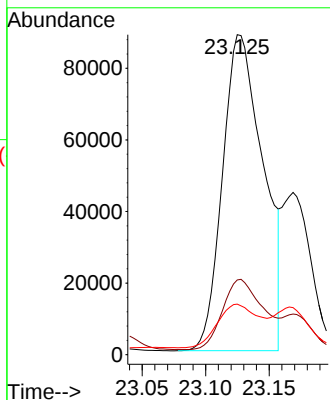
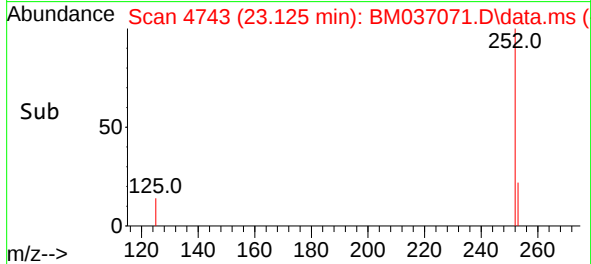
Instrument :
BNA_M
ClientSampleId :
COBM0



Tgt Ion:252 Resp: 196629
Ion Ratio Lower Upper
252 100
253 23.4 0.0 61.4
125 15.8 0.0 42.6

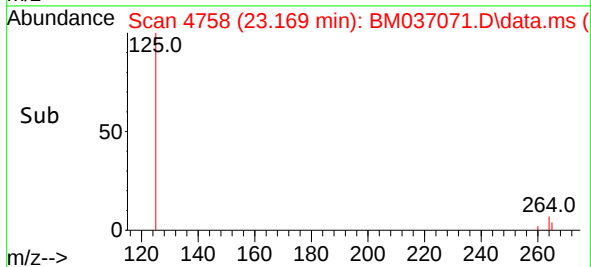
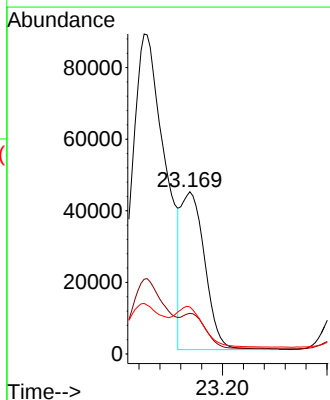
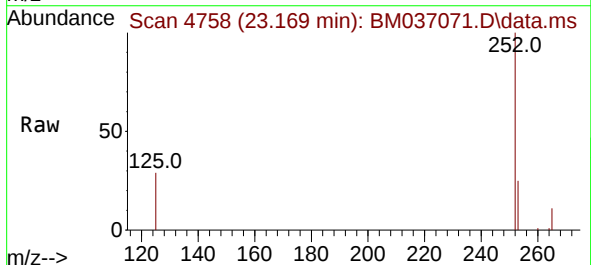
Manual Integrations
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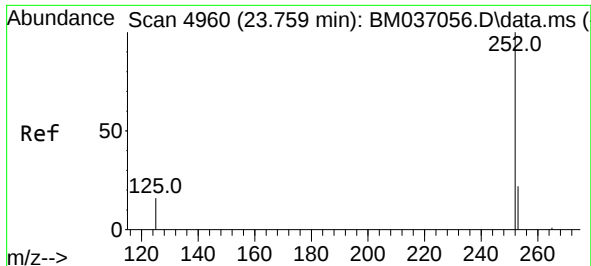
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 1.134 ng/ul m
RT: 23.169 min Scan# 4758
Delta R.T. -0.014 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

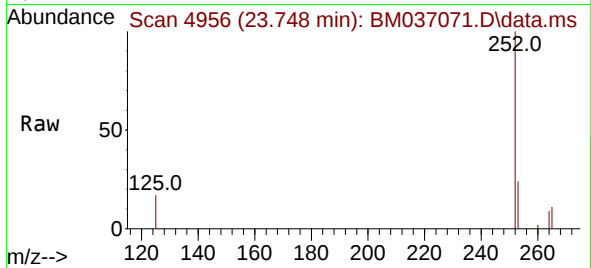
Tgt Ion:252 Resp: 69971
Ion Ratio Lower Upper
252 100
253 25.0 25.2 37.8#
125 29.0 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 1.925 ng/ul
RT: 23.748 min Scan# 4956
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

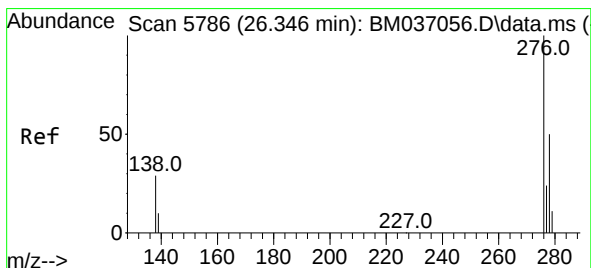
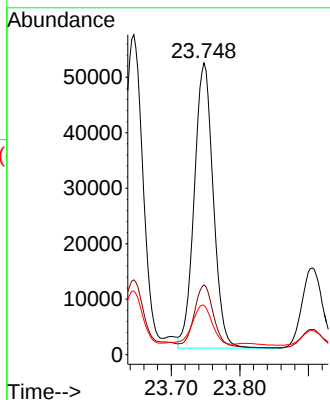
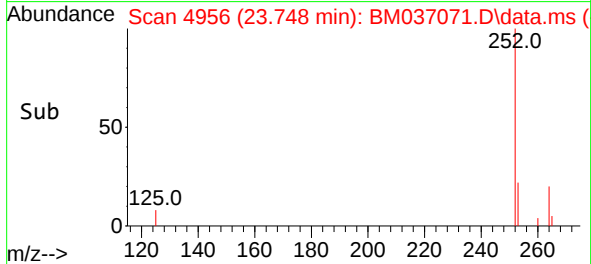
Instrument :
BNA_M
ClientSampleId :
COBM0



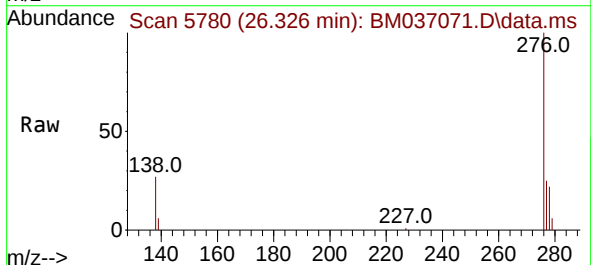
Tgt Ion:252 Resp: 98945
Ion Ratio Lower Upper
252 100
253 23.9 29.7 44.5
125 17.0 23.6 35.4

Manual Integrations
APPROVED

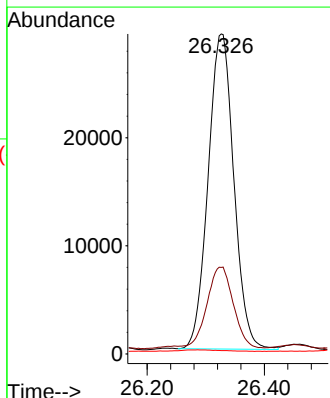
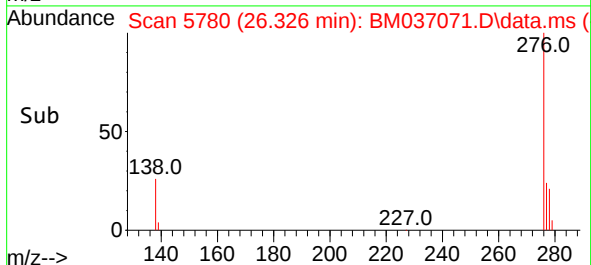
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

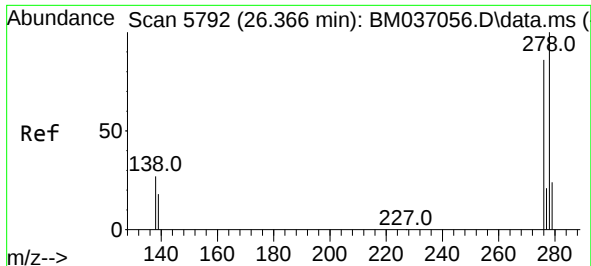


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.220 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.016 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37



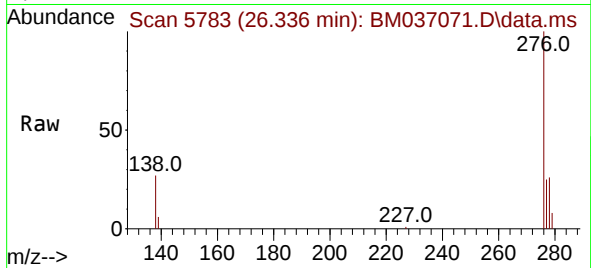
Tgt Ion:276 Resp: 88826
Ion Ratio Lower Upper
276 100
138 26.5 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 26.336 min Scan# 51
Delta R.T. -0.026 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

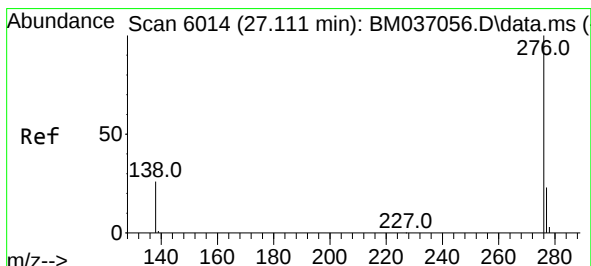
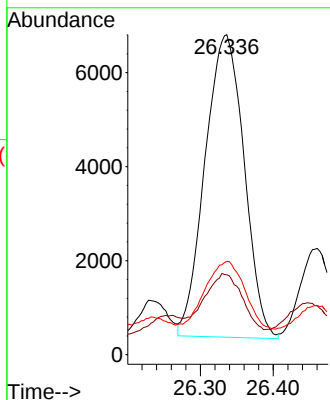
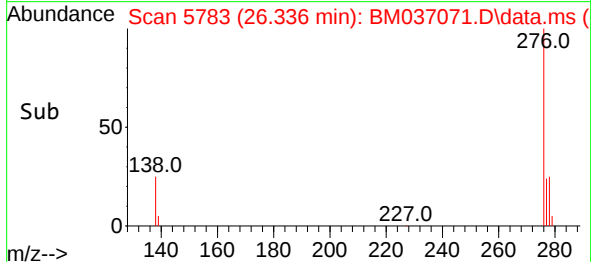
Instrument :
BNA_M
ClientSampleId :
COBM0



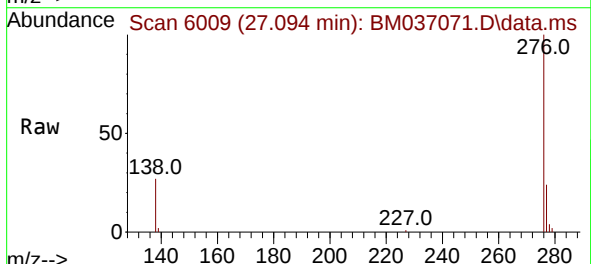
Tgt Ion:278 Resp: 23954
Ion Ratio Lower Upper
278 100
139 25.0 19.8 29.6
279 29.2 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 1.239 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. -0.012 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37



Tgt Ion:276 Resp: 79488
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 24.4 21.0 31.4

