

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037076.D
 Acq On : 15 Oct 2022 05:07
 Operator : CG/JU
 Sample : N5049-10
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM4

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 05:42:08 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6284	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22290	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	11996	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23794	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	16445	0.400	ng/ul	0.00
23) Perylene-d12	23.850	264	12734	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	38737	4.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9638	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	18167	0.369	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	68393	1.073	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	45265	1.161	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	36273	0.916	ng/ul	99
10) Acenaphthylene	14.279	152	11343	0.228	ng/ul#	93
11) Acenaphthene	14.617	153	10480	0.242	ng/ul	99
12) Fluorene	15.602	166	10037	0.205	ng/ul#	99
15) Phenanthrene	17.334	178	293733	3.867	ng/ul	99
16) Anthracene	17.427	178	58373	0.920	ng/ul	98
19) Fluoranthene	19.345	202	669057	10.229	ng/ul	99
20) Pyrene	19.707	202	509247m	7.466	ng/ul	
21) Benzo(a)anthracene	21.450	228	335848	5.652	ng/ul	99
22) Chrysene	21.500	228	306995	4.812	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	309244	5.436	ng/ul	85
25) Benzo(k)fluoranthene	23.166	252	103818m	1.873	ng/ul	
26) Benzo(a)pyrene	23.745	252	150240	3.255	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.319	276	84745	1.296	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.330	278	22209	0.420	ng/ul#	92
29) Benzo(g,h,i)perylene	27.084	276	63259	1.098	ng/ul	97

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

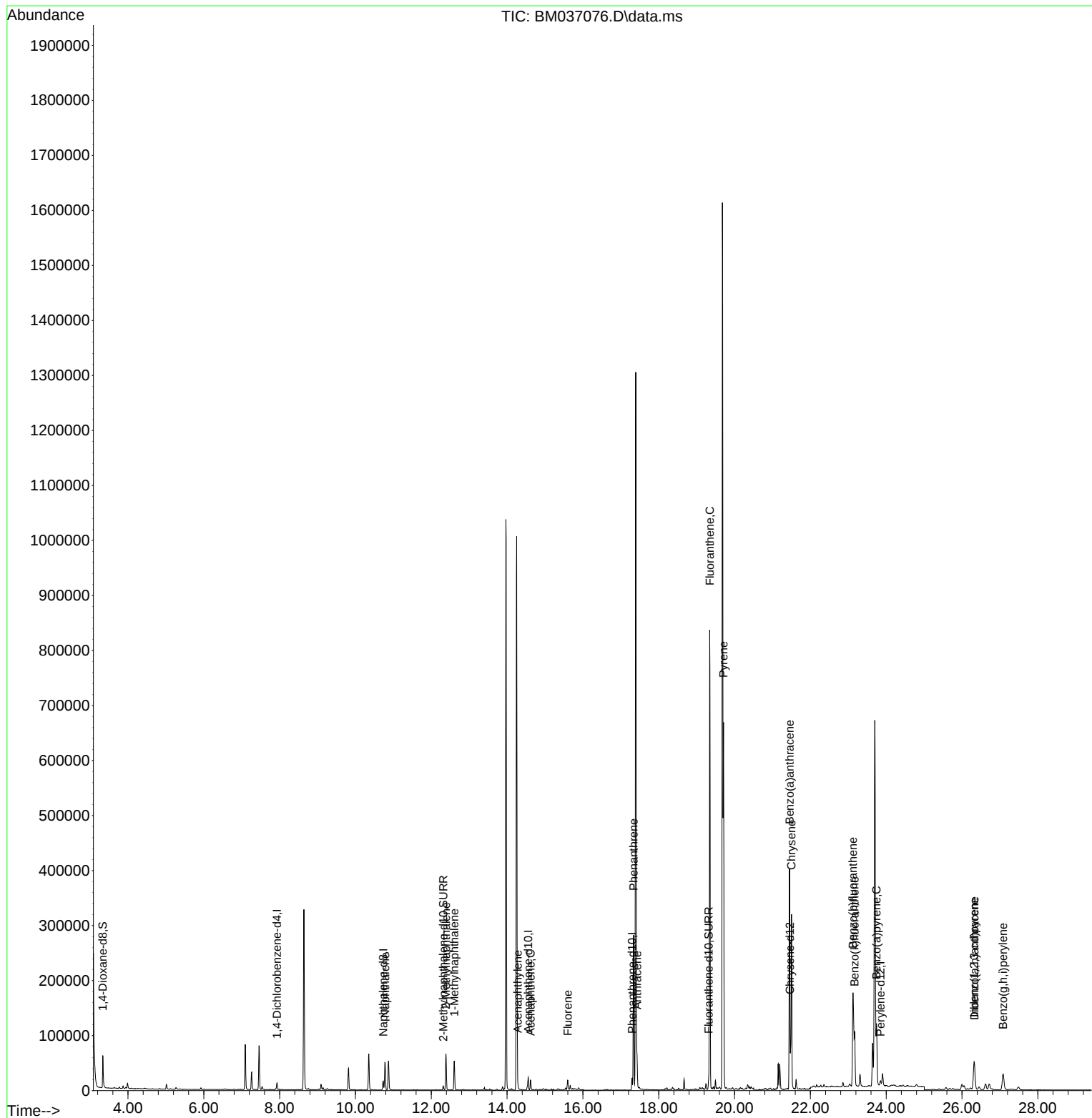
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037076.D
Acq On : 15 Oct 2022 05:07
Operator : CG/JU
Sample : N5049-10
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ALS Vial : 73 Sample Multiplier: 1

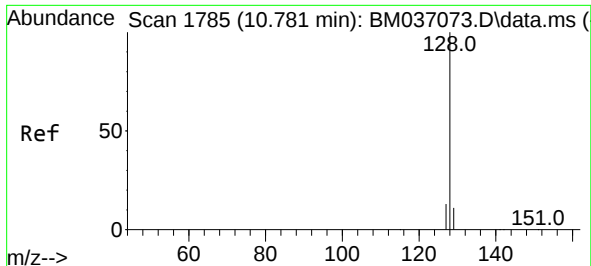
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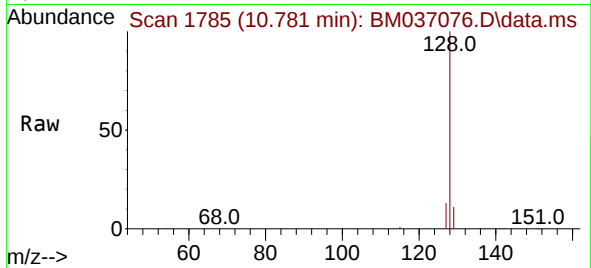
Quant Time: Oct 15 05:42:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 15 04:13:53 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.073 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

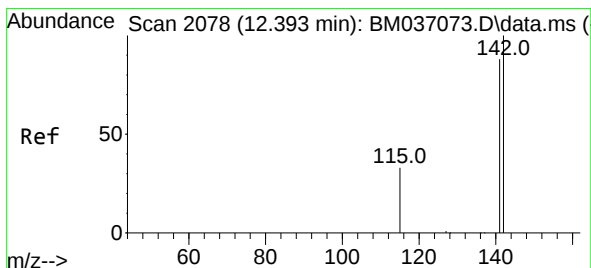
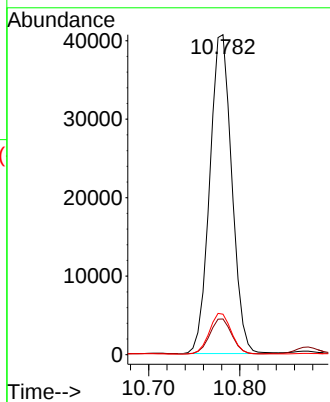
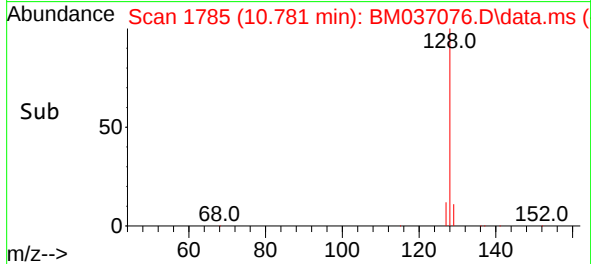
Instrument :
BNA_M
ClientSampleId :
C0BM4



Tgt Ion:128 Resp: 6839
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.6 11.7 17.5

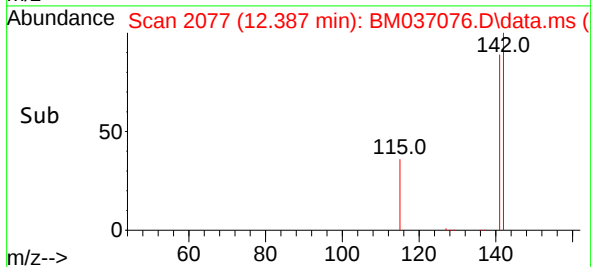
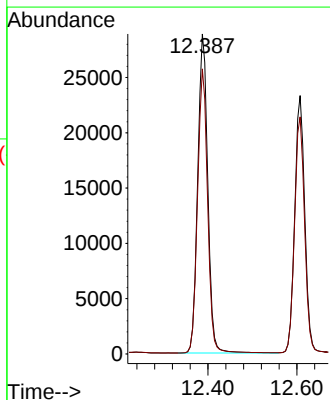
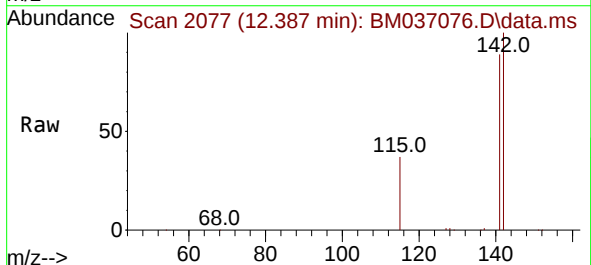
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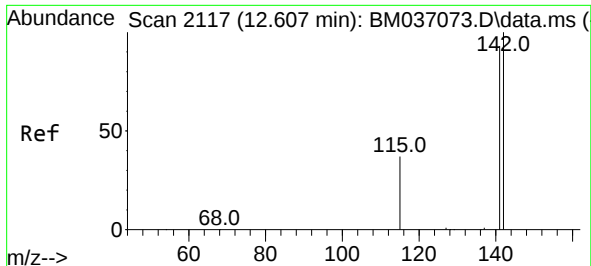
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 1.161 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

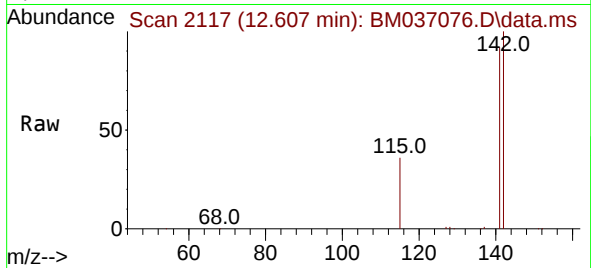
Tgt Ion:142 Resp: 45265
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.916 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

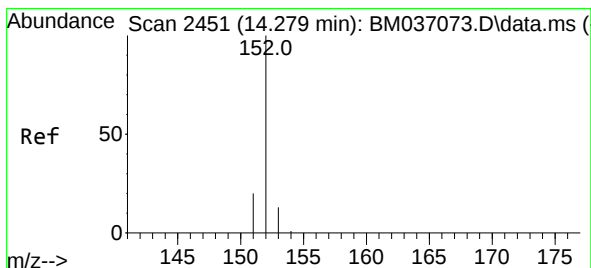
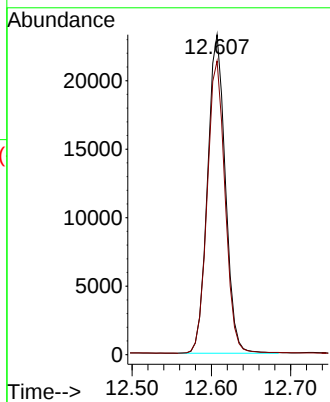
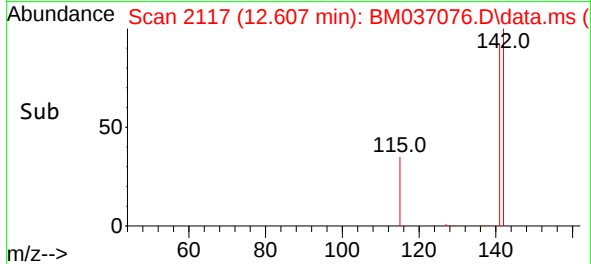
Instrument :
BNA_M
ClientSampleId :
C0BM4



Tgt Ion:142 Resp: 3627
Ion Ratio Lower Upper
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141 91.9 74.1 111.1

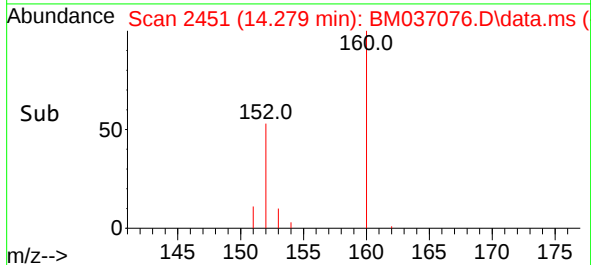
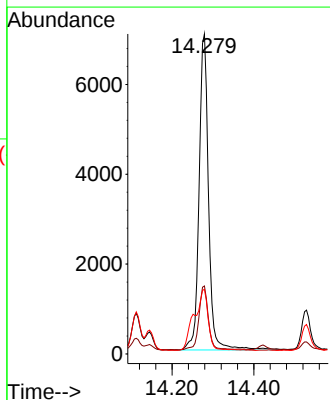
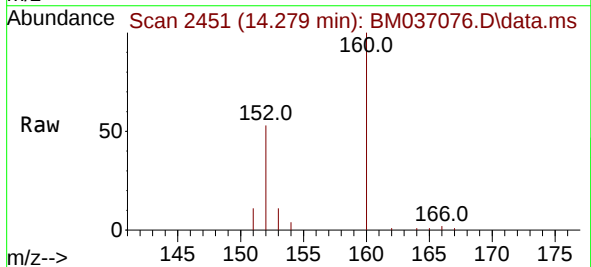
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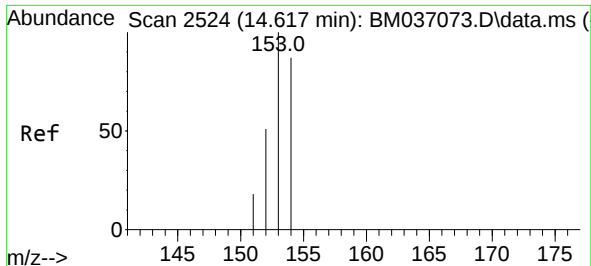
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.228 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

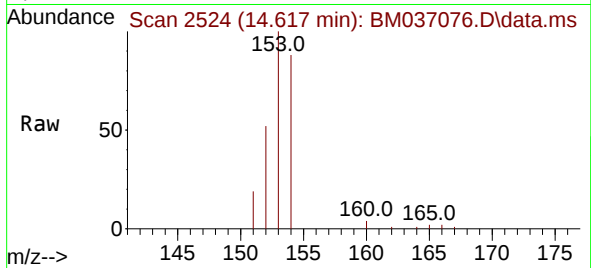
Tgt Ion:152 Resp: 11343
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 20.2 11.4 17.0#





#11
Acenaphthene
Concen: 0.242 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

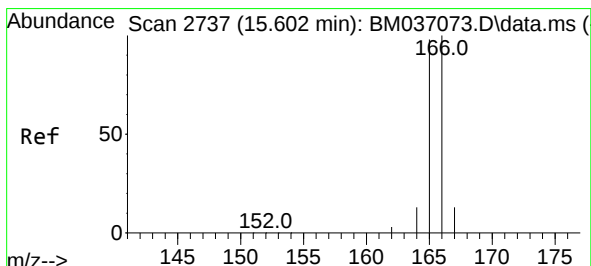
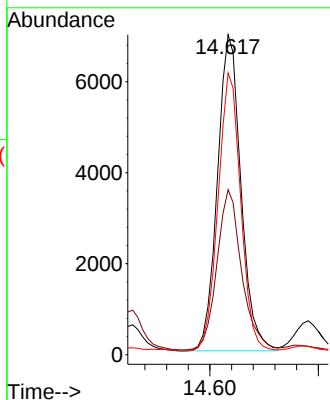
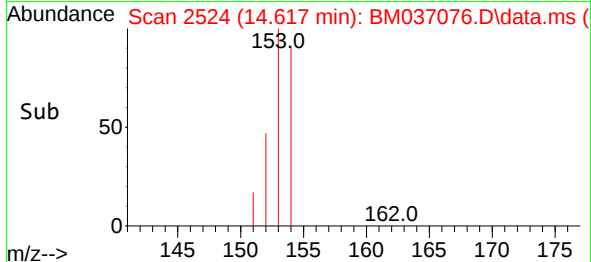
Instrument :
BNA_M
ClientSampleId :
C0BM4



Tgt Ion:153 Resp: 10480
Ion Ratio Lower Upper
153 100
152 51.6 40.2 60.4
154 88.1 69.7 104.5

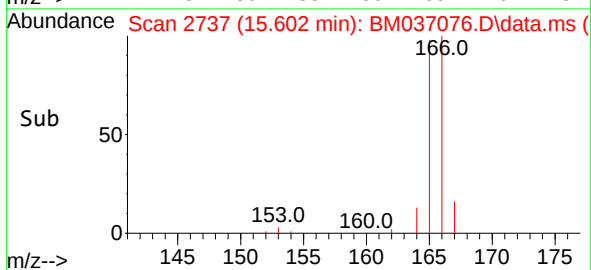
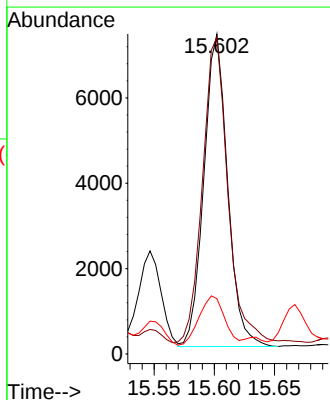
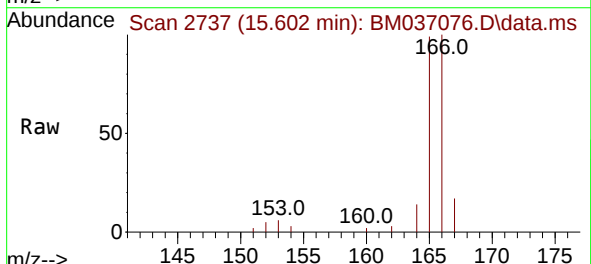
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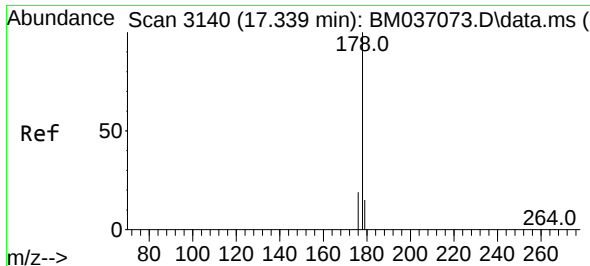
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.205 ng/u1
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

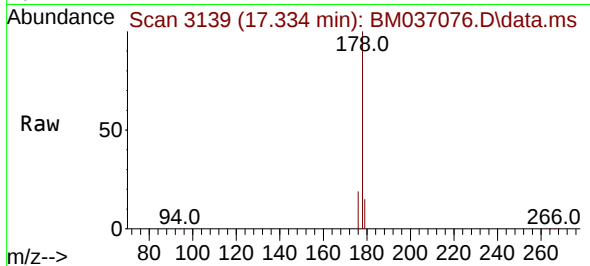
Tgt Ion:166 Resp: 10037
Ion Ratio Lower Upper
166 100
165 98.9 78.9 118.3
167 17.3 11.3 16.9#





#15
Phenanthrene
Concen: 3.867 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

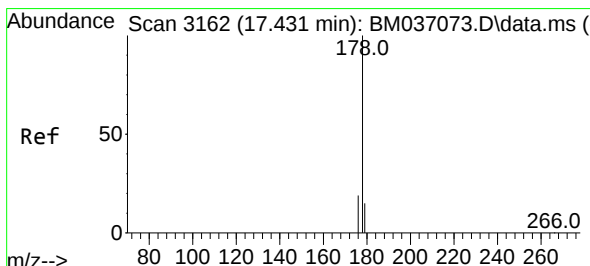
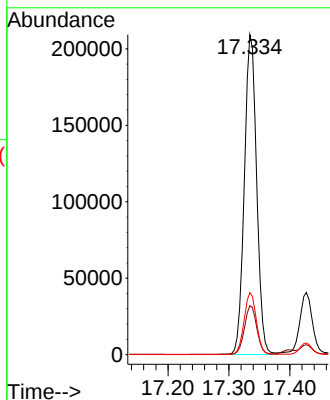
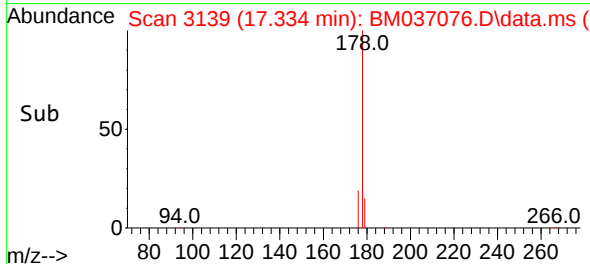
Instrument :
BNA_M
ClientSampleId :
C0BM4



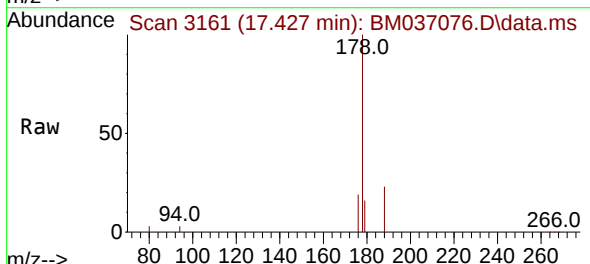
Tgt Ion:178 Resp: 293733
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.4 15.6 23.4

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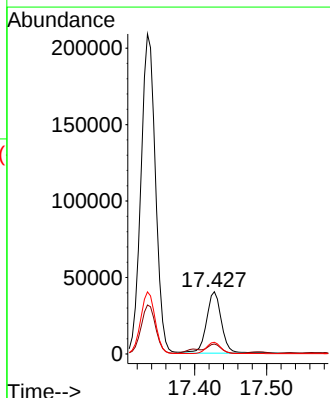
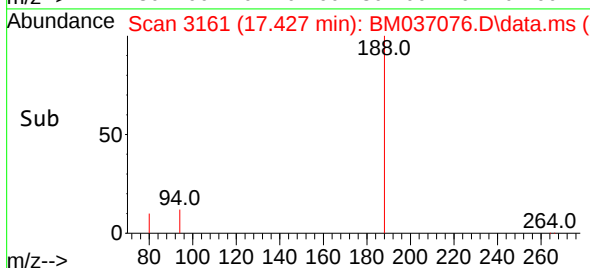
Reviewed By :Yogesh Patel 10/15/2022
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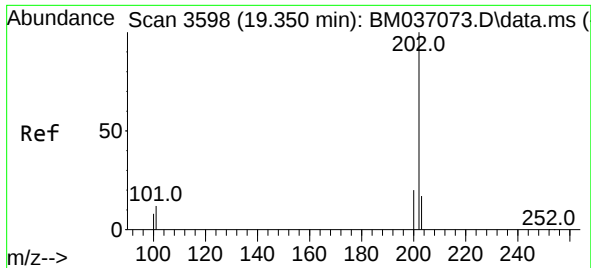


#16
Anthracene
Concen: 0.920 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07



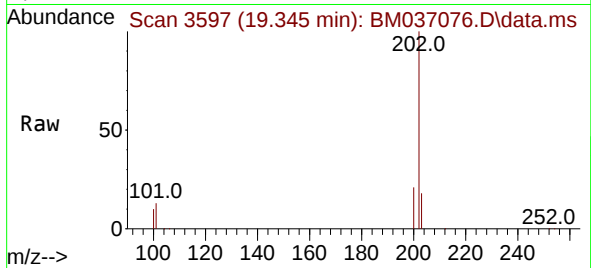
Tgt Ion:178 Resp: 58373
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.8 15.6 23.4





#19
Fluoranthene
Concen: 10.229 ng/ul
RT: 19.345 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

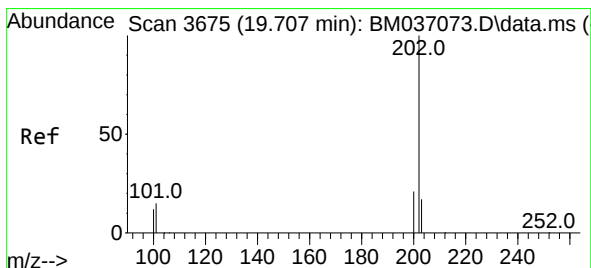
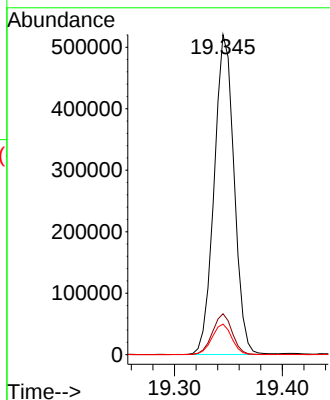
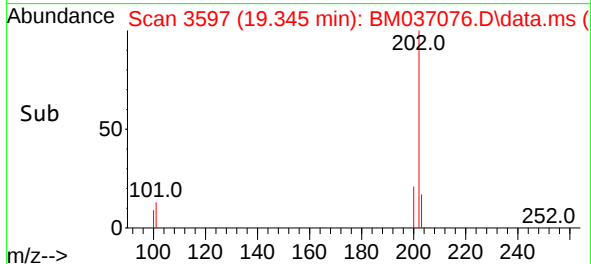
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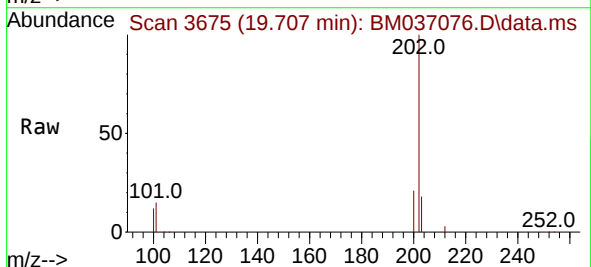
Tgt Ion:202 Resp: 66905
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.6 7.9 11.9

Manual Integrations
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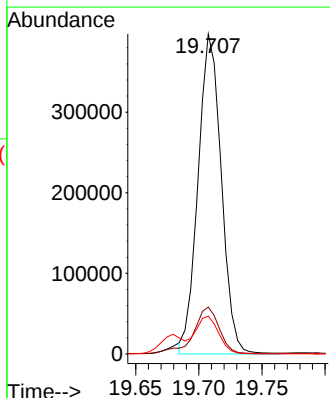
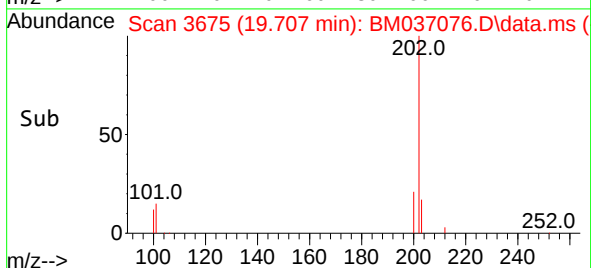
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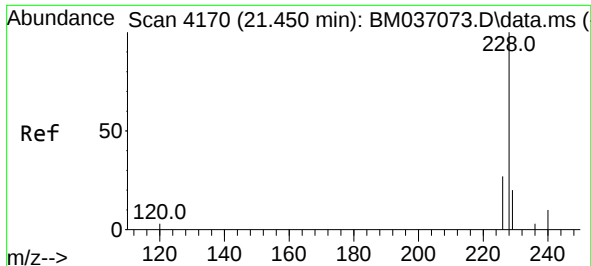


#20
Pyrene
Concen: 7.466 ng/ul m
RT: 19.707 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07



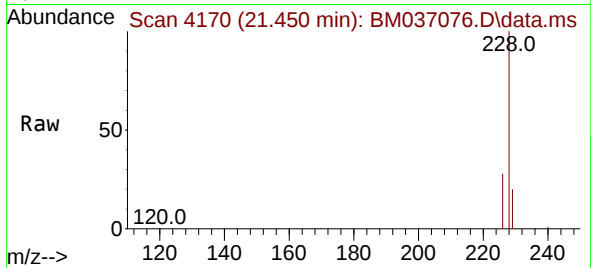
Tgt Ion:202 Resp: 509247
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.652 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

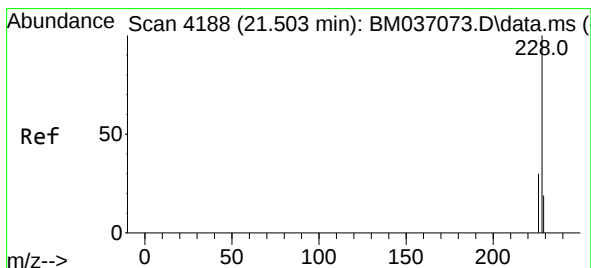
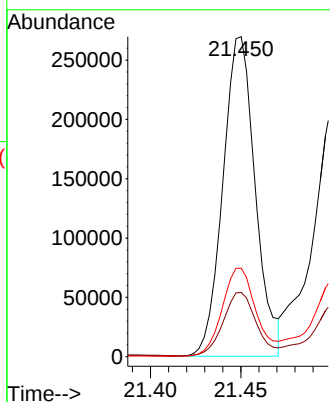
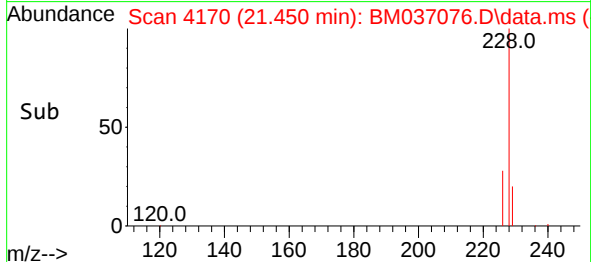
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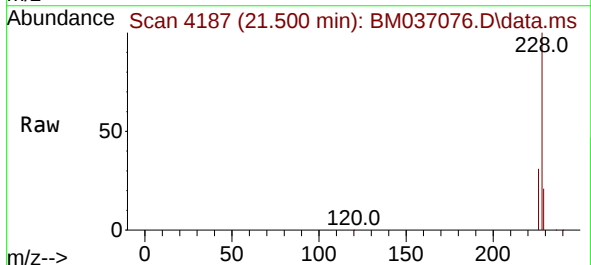
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Ion Ratio Lower Upper
228 100
229 20.1 16.2 24.2
226 27.6 22.5 33.7

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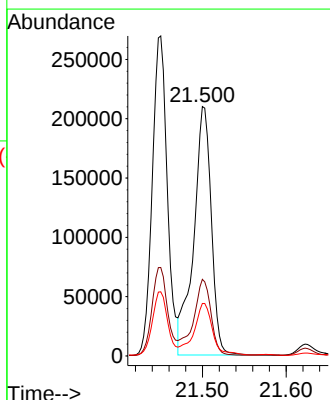
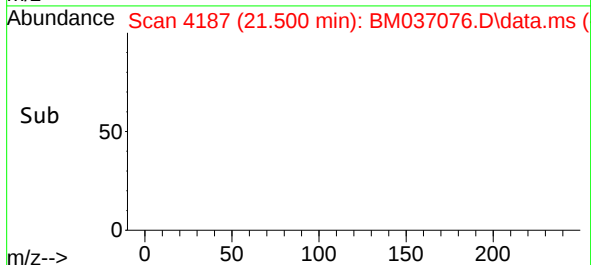
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

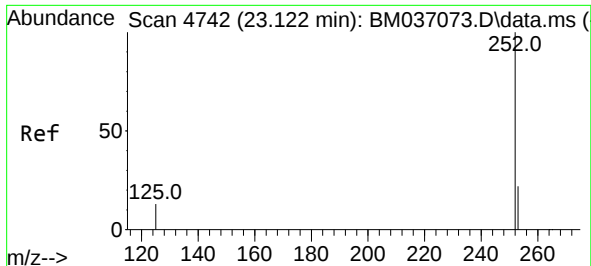


#22
Chrysene
Concen: 4.812 ng/ul
RT: 21.500 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07



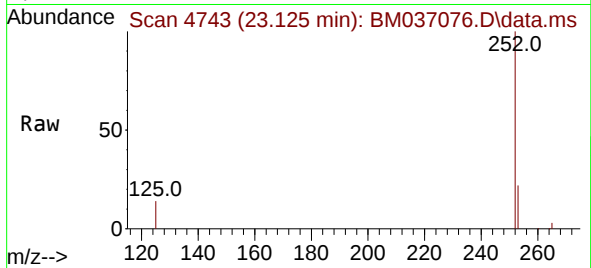
Tgt Ion:228 Resp: 306995
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 5.436 ng/ul
RT: 23.125 min Scan# 4742
Delta R.T. 0.003 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

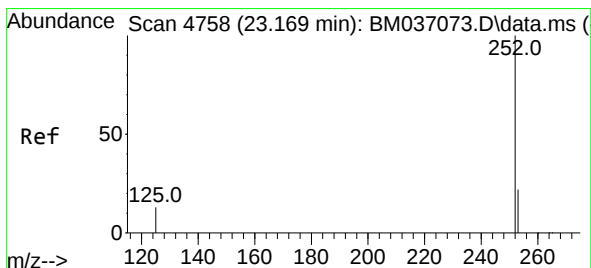
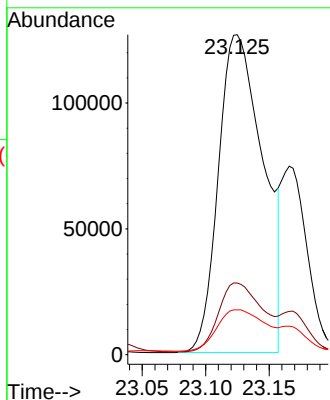
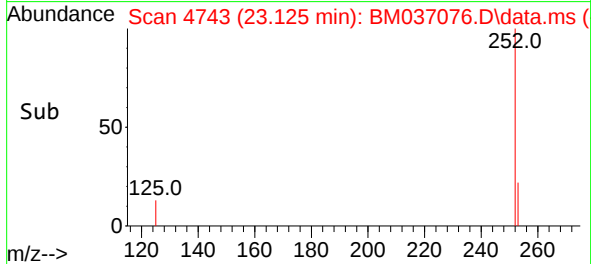
Instrument :
BNA_M
ClientSampleId :
C0BM4



Tgt Ion:252 Resp: 309244
Ion Ratio Lower Upper
252 100
253 22.4 0.0 61.4
125 14.0 0.0 42.6

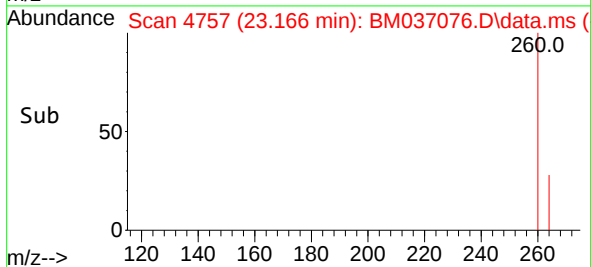
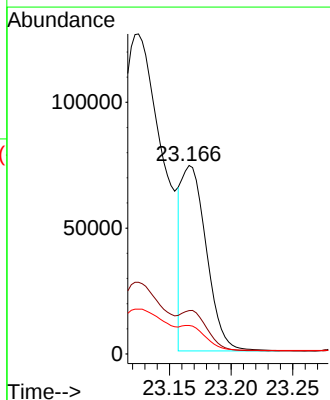
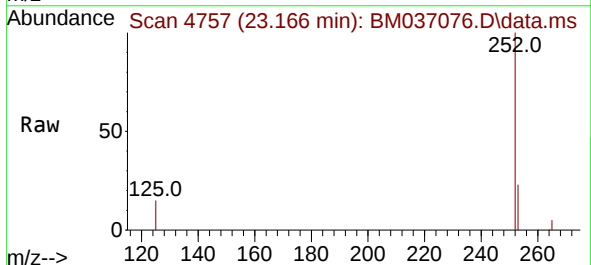
Manual Integrations
APPROVED

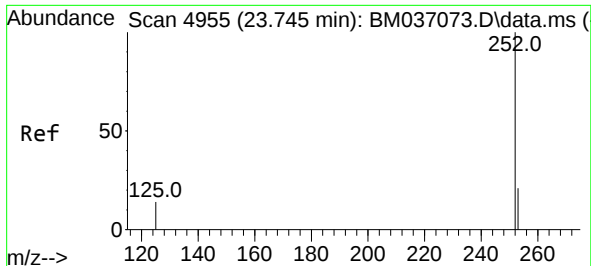
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 1.873 ng/ul m
RT: 23.166 min Scan# 4757
Delta R.T. -0.003 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

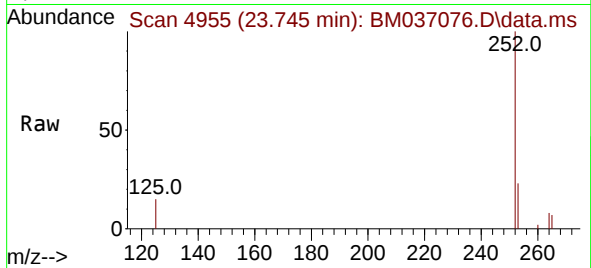
Tgt Ion:252 Resp: 103818
Ion Ratio Lower Upper
252 100
253 23.0 25.2 37.8#
125 15.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 3.255 ng/ul
RT: 23.745 min Scan# 4955
Delta R.T. 0.000 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

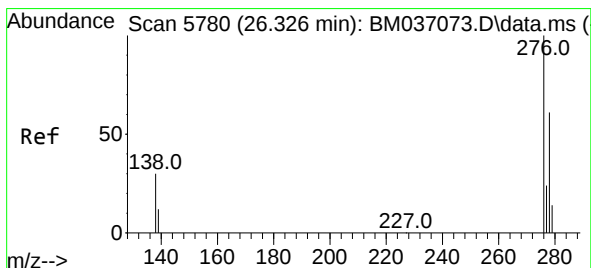
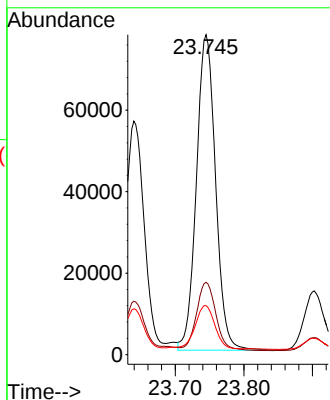
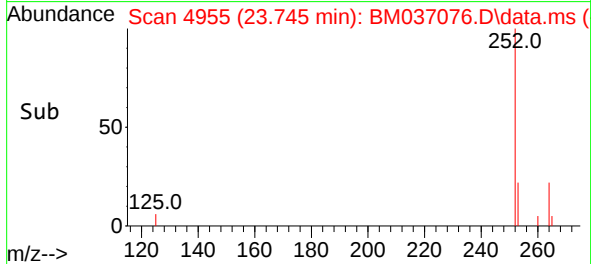
Instrument :
BNA_M
ClientSampleId :
C0BM4



Tgt Ion:252 Resp: 150240
Ion Ratio Lower Upper
252 100
253 22.6 29.7 44.5
125 15.3 23.6 35.4

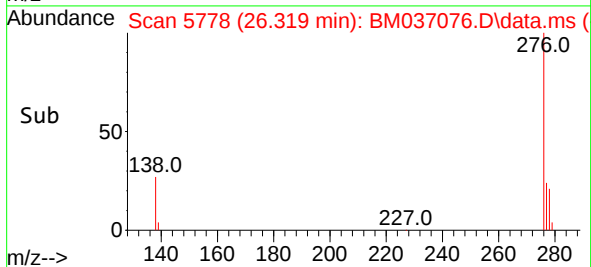
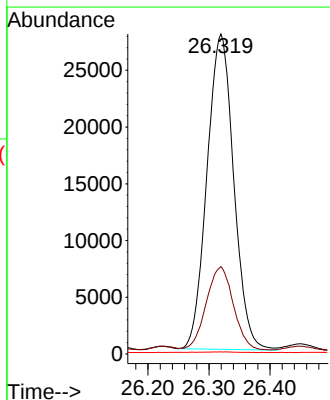
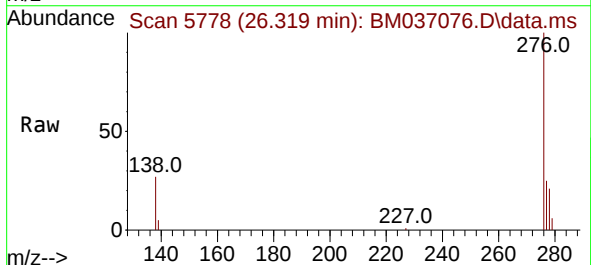
Manual Integrations
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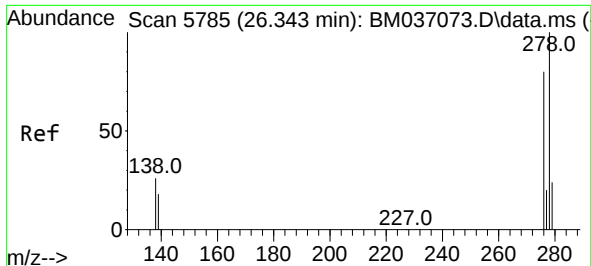
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

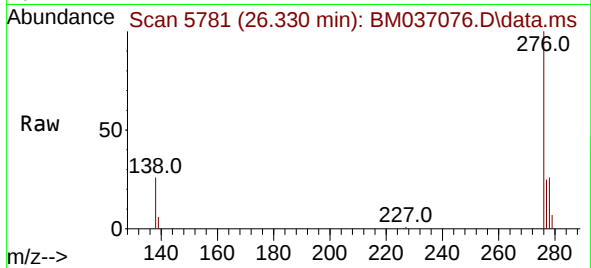
Tgt Ion:276 Resp: 84745
Ion Ratio Lower Upper
276 100
138 26.9 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.330 min Scan# 5785
Delta R.T. -0.013 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07

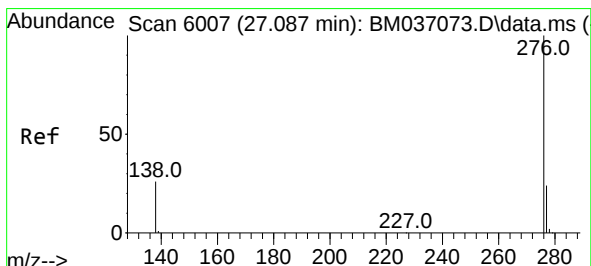
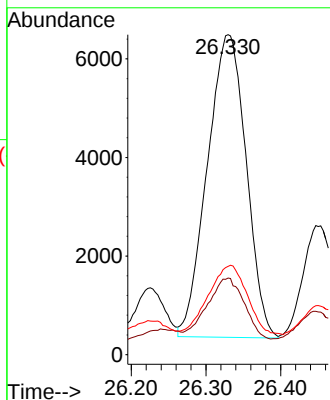
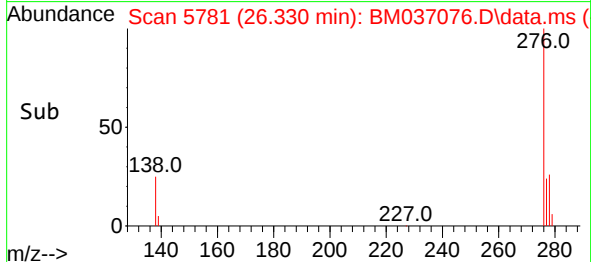
Instrument :
BNA_M
ClientSampleId :
C0BM4



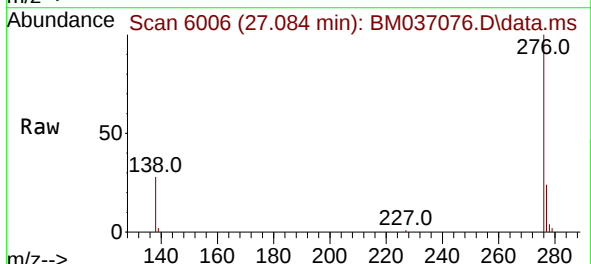
Tgt Ion: 278 Resp: 22209
Ion Ratio Lower Upper
278 100
139 23.9 19.8 29.6
279 27.6 27.7 41.5

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



#29
Benzo(g,h,i)perylene
Concen: 1.098 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.003 min
Lab File: BM037076.D
Acq: 15 Oct 2022 05:07



Tgt Ion: 276 Resp: 63259
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 24.2 21.0 31.4

