

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037131.D
 Acq On : 18 Oct 2022 02:30
 Operator : CG/JU
 Sample : N4984-13DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB7DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 04:10:16 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	7.921	152	5060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	18394	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.552	164	9669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	18522	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	11445	0.400	ng/ul	0.00
23) Perylene-d12	23.847	264	8764	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5980	0.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1289	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	2510	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	13101	0.249	ng/ul	98
7) 2-Methylnaphthalene	12.382	142	1996	0.062	ng/ul	92
8) 1-Methylnaphthalene	12.602	142	692	0.021	ng/ul	98
10) Acenaphthylene	14.274	152	24188	0.602	ng/ul	98
11) Acenaphthene	14.612	153	12718	0.365	ng/ul	99
12) Fluorene	15.597	166	23739	0.601	ng/ul	99
15) Phenanthrene	17.330	178	103350	1.748	ng/ul	99
16) Anthracene	17.423	178	57516	1.164	ng/ul	98
19) Fluoranthene	19.345	202	532462	11.697	ng/ul	98
20) Pyrene	19.703	202	386426m	8.140	ng/ul	
21) Benzo(a)anthracene	21.447	228	178124	4.308	ng/ul	98
22) Chrysene	21.497	228	130091	2.930	ng/ul	100
24) Benzo(b)fluoranthene	23.122	252	156466	3.996	ng/ul	86
25) Benzo(k)fluoranthene	23.163	252	54266m	1.422	ng/ul	
26) Benzo(a)pyrene	23.739	252	120228	3.785	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.316	276	65860	1.464	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.329	278	16541	0.455	ng/ul	96
29) Benzo(g,h,i)perylene	27.081	276	46880	1.182	ng/ul	98

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

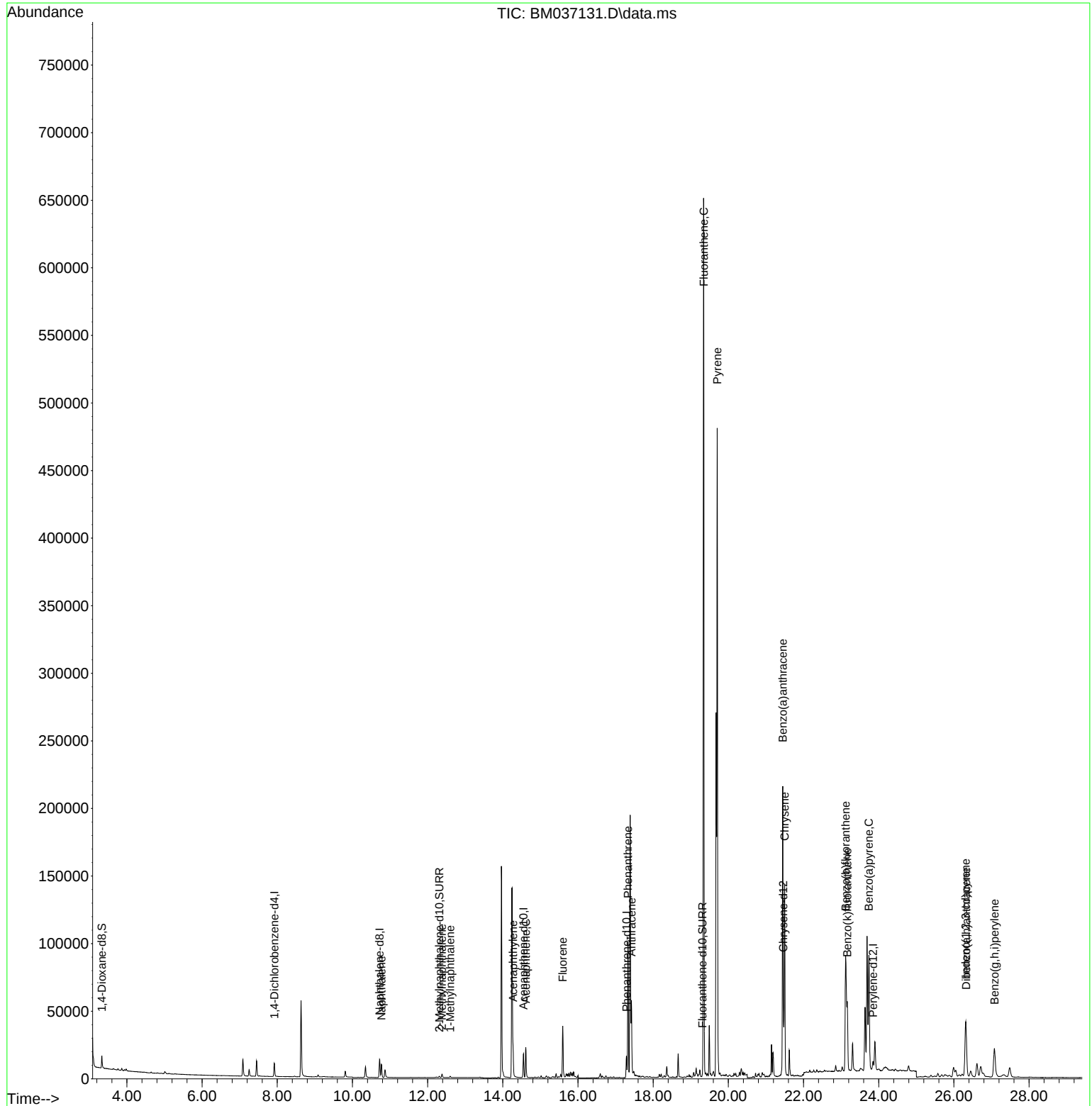
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037131.D
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Operator : CG/JU
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ALS Vial : 30 Sample Multiplier: 1

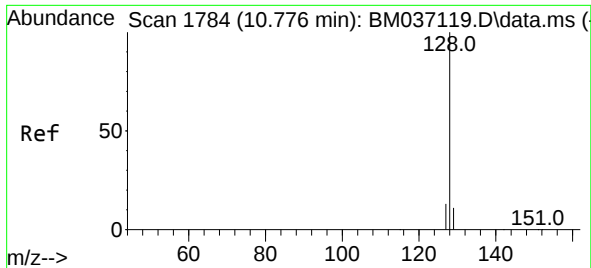
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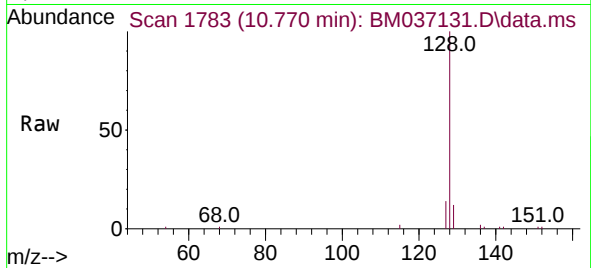
Quant Time: Oct 18 04:10:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.249 ng/ul
RT: 10.770 min Scan# 1784
Delta R.T. -0.011 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

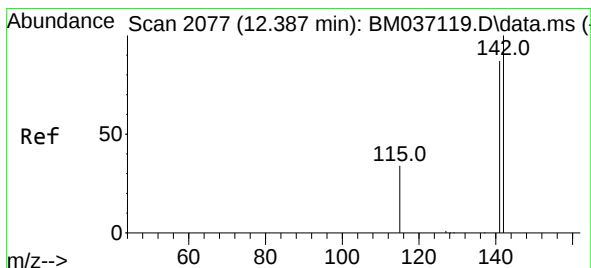
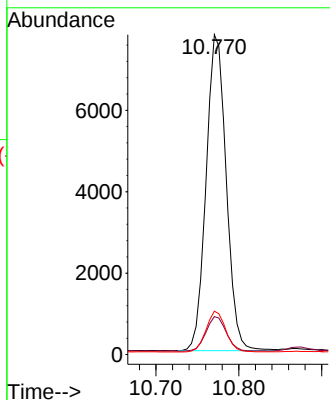
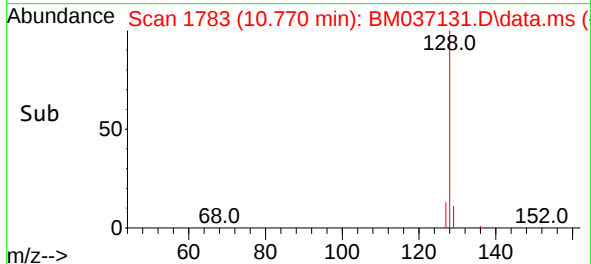
Instrument :
BNA_M
ClientSampleId :
BGNB7DL



Tgt Ion:128 Resp: 1310
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.6 11.7 17.5

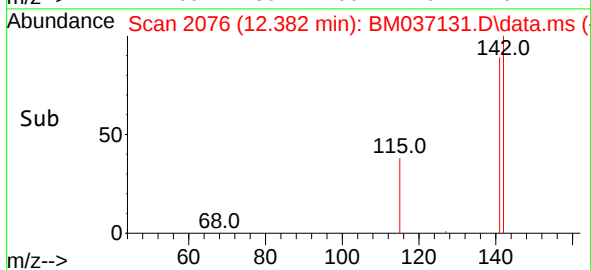
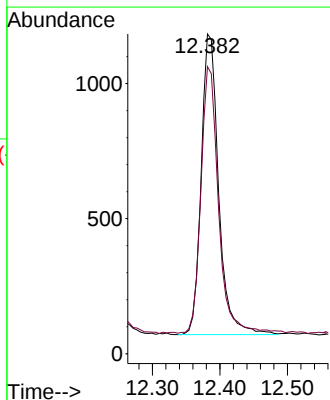
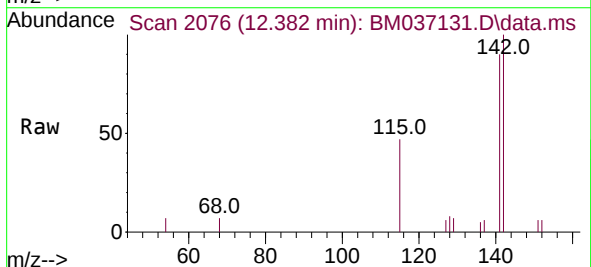
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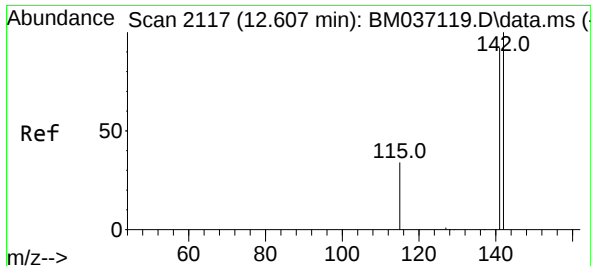
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

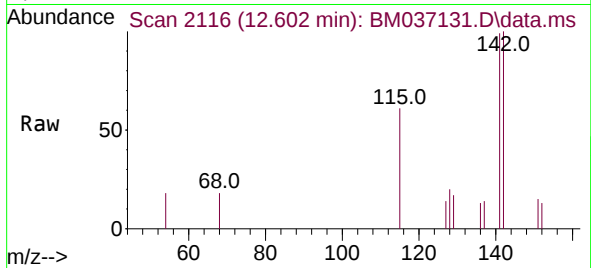
Tgt Ion:142 Resp: 1996
Ion Ratio Lower Upper
142 100
141 89.2 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.602 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

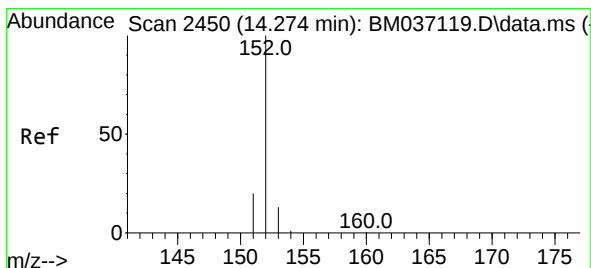
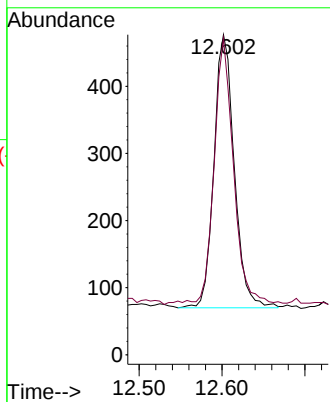
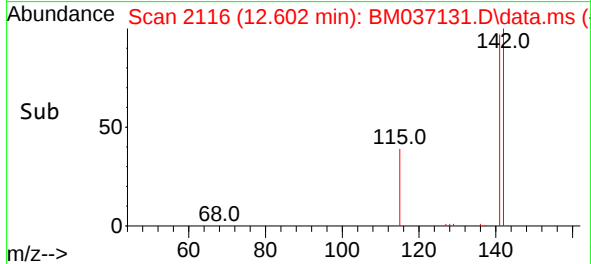
Instrument :
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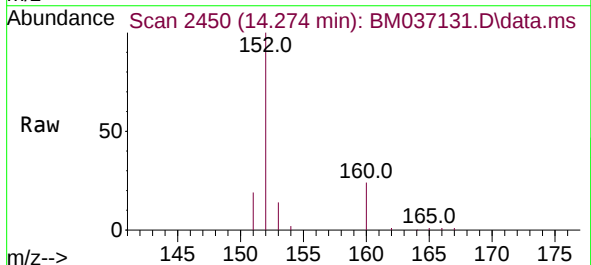
Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

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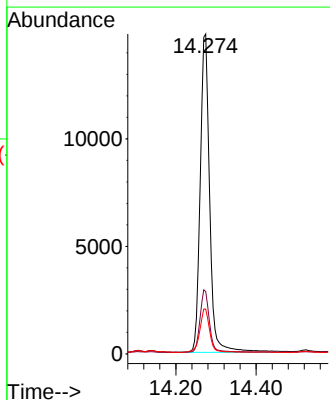
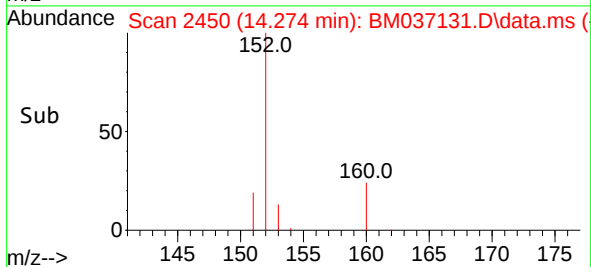
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

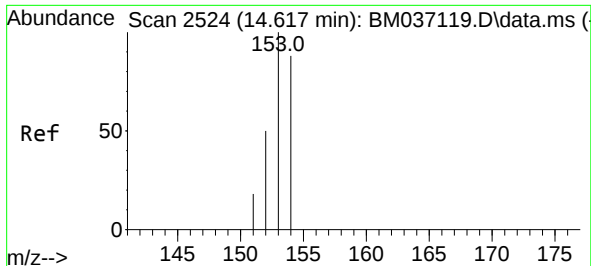


#10
Acenaphthylene
Concen: 0.602 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30



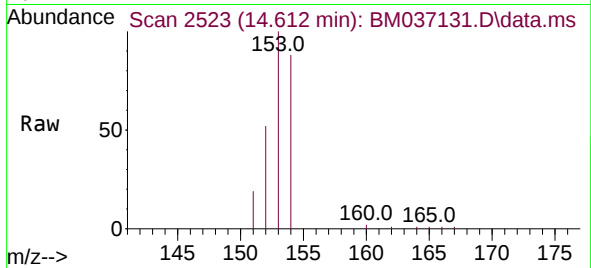
Tgt Ion:152 Resp: 24188
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 14.0 11.4 17.0





#11
Acenaphthene
Concen: 0.365 ng/u1
RT: 14.612 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

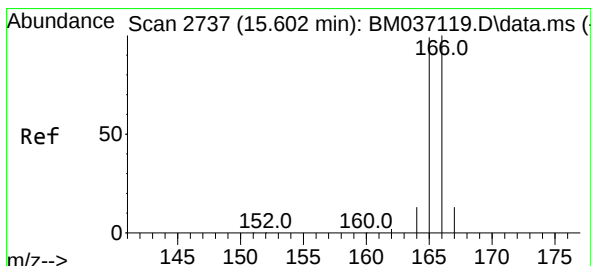
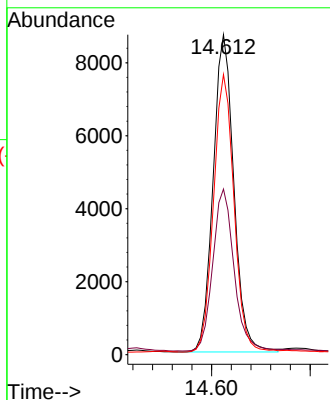
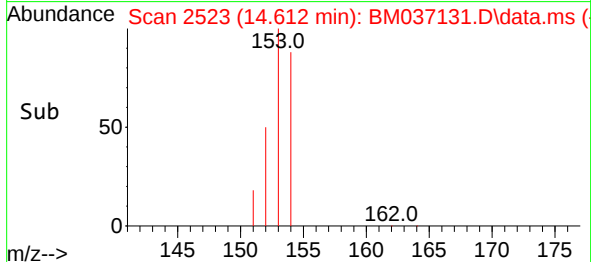
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 12718
Ion Ratio Lower Upper
153 100
152 51.7 40.2 60.4
154 87.5 69.7 104.5

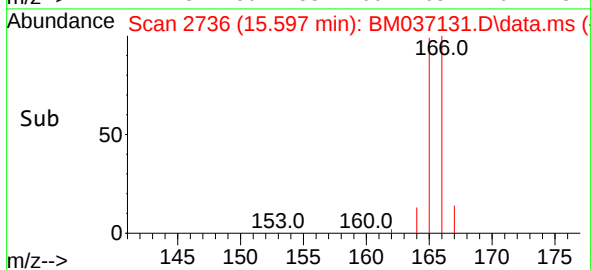
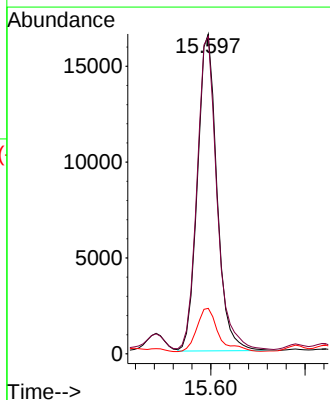
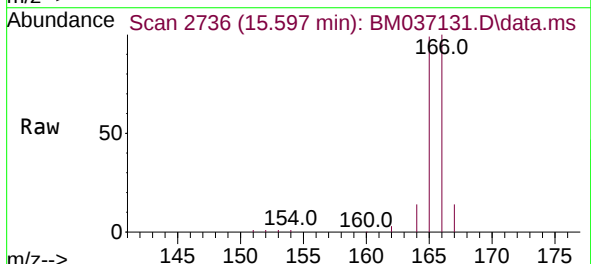
Manual Integrations
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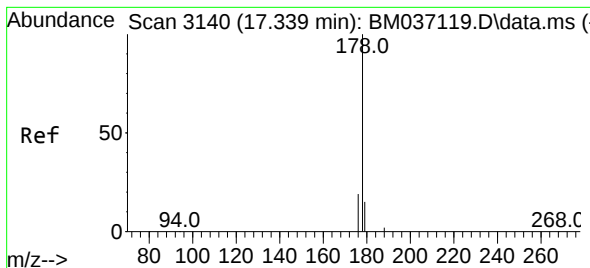
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#12
Fluorene
Concen: 0.601 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

Tgt Ion:166 Resp: 23739
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 14.2 11.3 16.9





#15

Phenanthrene

Concen: 1.748 ng/ul

RT: 17.330 min Scan# 31

Delta R.T. -0.008 min

Lab File: BM037131.D

Acq: 18 Oct 2022 02:30

Instrument :

BNA_M

ClientSampleId :

BGNB7DL

Tgt Ion:178 Resp: 103350

Ion Ratio Lower Upper

178 100

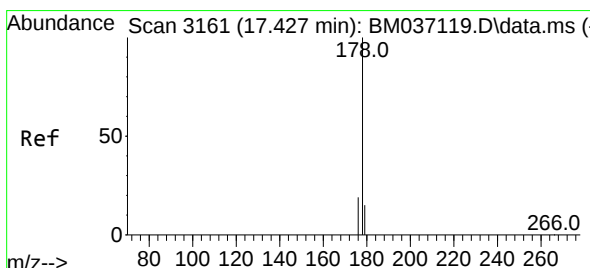
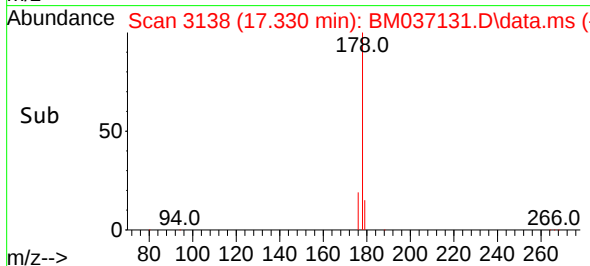
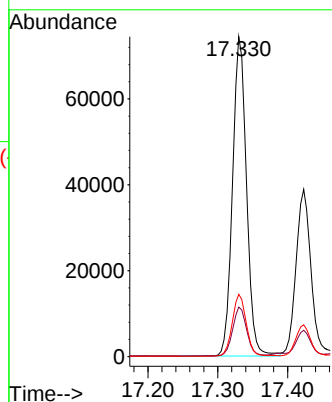
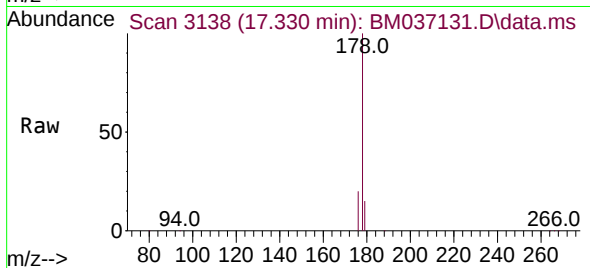
179 15.5 13.0 19.6

176 19.5 15.6 23.4

Manual Integrations

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#16

Anthracene

Concen: 1.164 ng/ul

RT: 17.423 min Scan# 3160

Delta R.T. -0.008 min

Lab File: BM037131.D

Acq: 18 Oct 2022 02:30

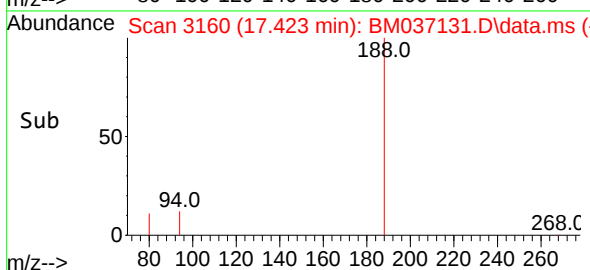
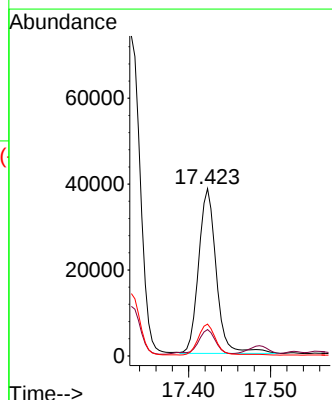
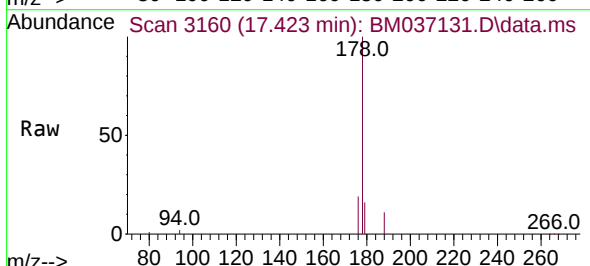
Tgt Ion:178 Resp: 57516

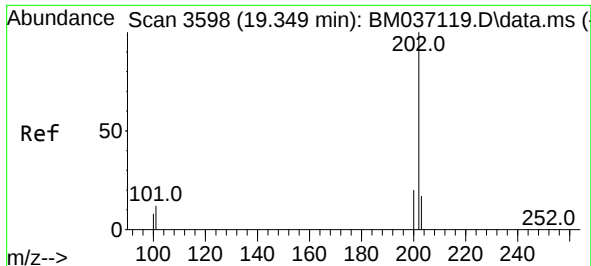
Ion Ratio Lower Upper

178 100

179 15.8 13.6 20.4

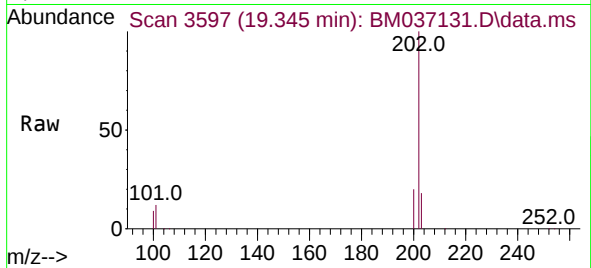
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 11.697 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

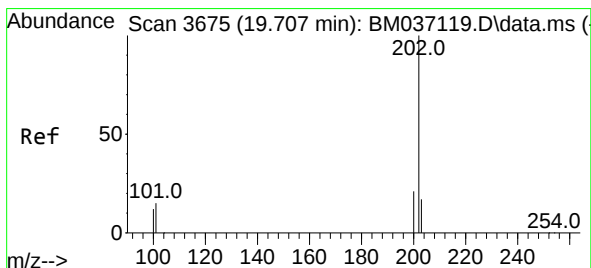
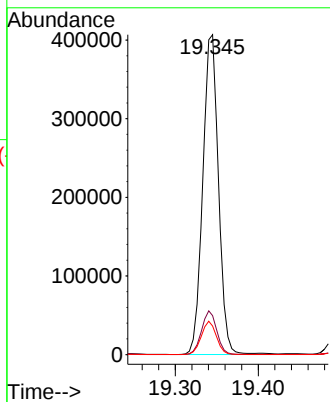
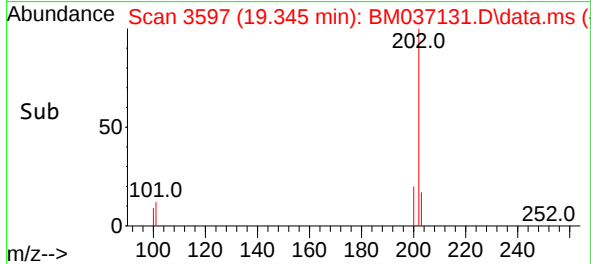
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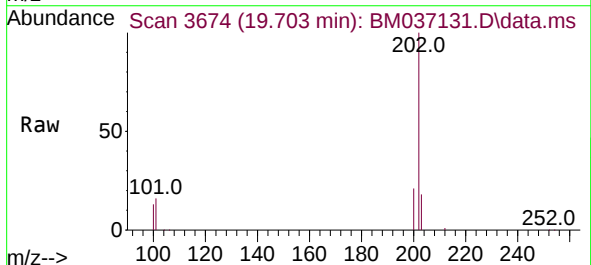
Tgt Ion:202 Resp: 532462
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 8.9 7.9 11.9

Manual Integrations
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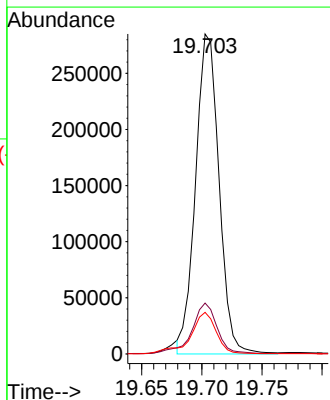
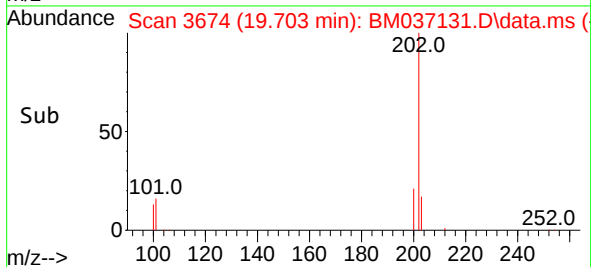
Reviewed By :Jagrut Upadhyay 10/18/2022
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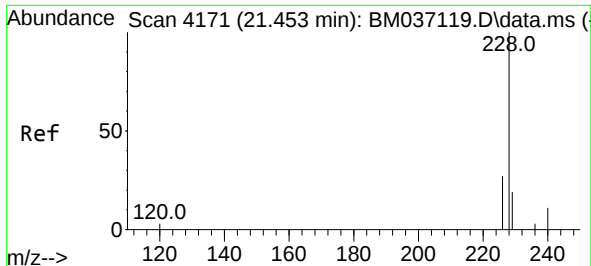


#20
Pyrene
Concen: 8.140 ng/ul m
RT: 19.703 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30



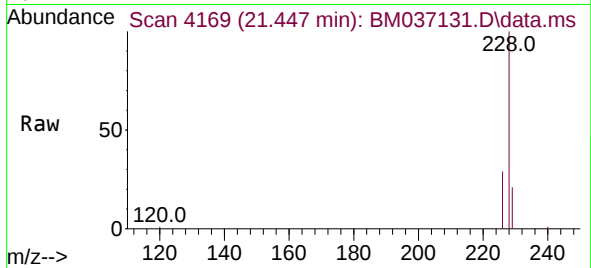
Tgt Ion:202 Resp: 386426
Ion Ratio Lower Upper
202 100
101 15.9 12.0 18.0
100 13.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.308 ng/ul
RT: 21.447 min Scan# 4171
Delta R.T. -0.003 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

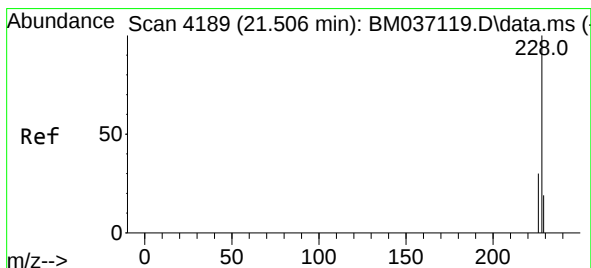
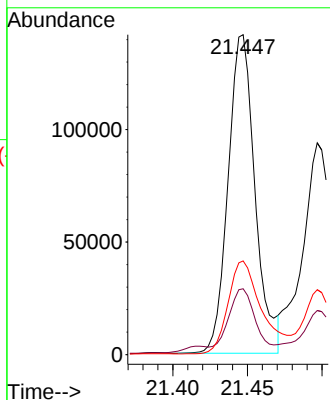
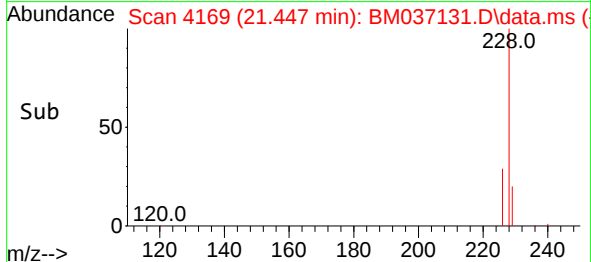
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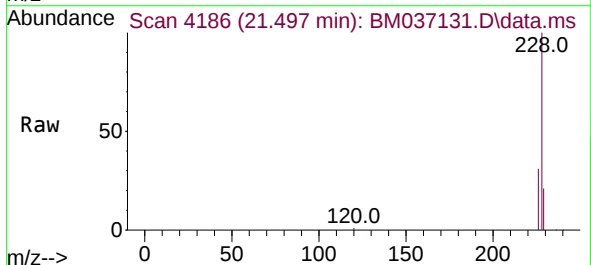
Tgt Ion:228 Resp: 178124
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 29.3 22.5 33.7

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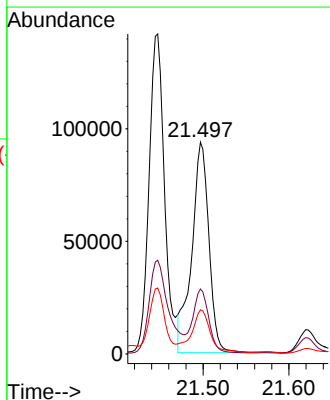
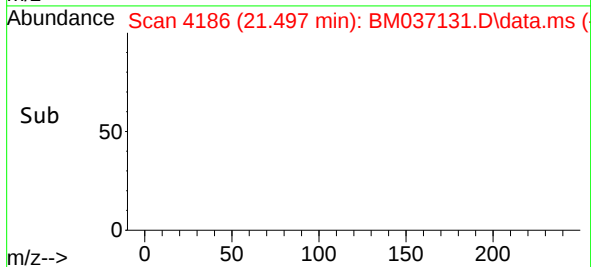
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

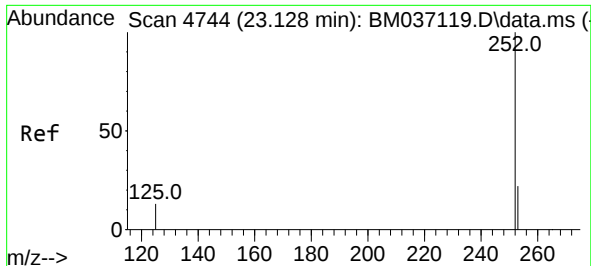


#22
Chrysene
Concen: 2.930 ng/ul
RT: 21.497 min Scan# 4186
Delta R.T. -0.006 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30



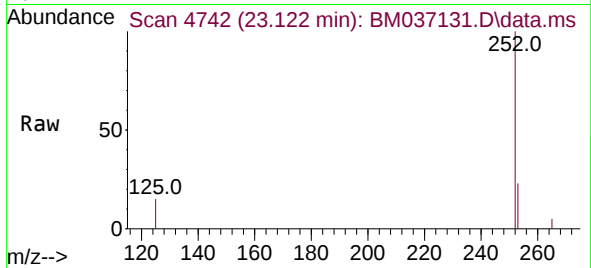
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Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 20.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.996 ng/ul
RT: 23.122 min Scan# 4742
Delta R.T. -0.000 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

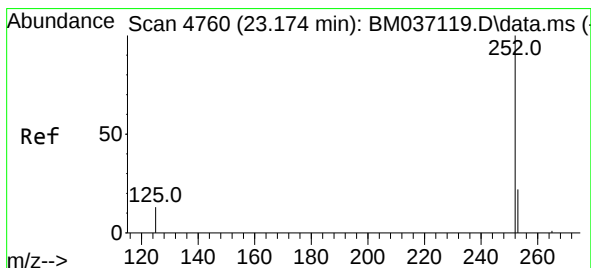
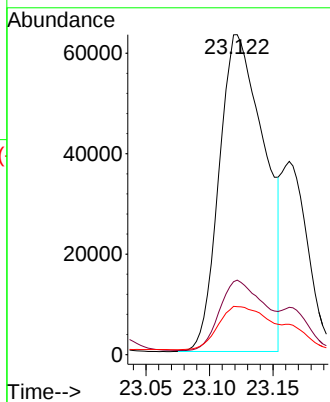
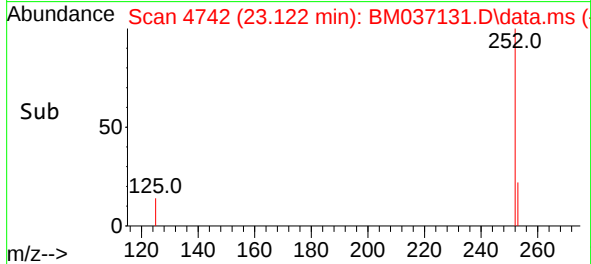
Instrument :
BNA_M
ClientSampleId :
BGNB7DL



Tgt Ion:252 Resp: 156466
Ion Ratio Lower Upper
252 100
253 23.3 0.0 61.4
125 15.0 0.0 42.6

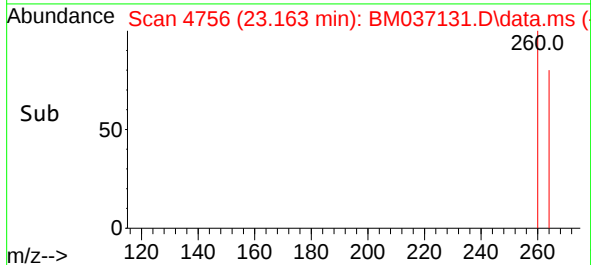
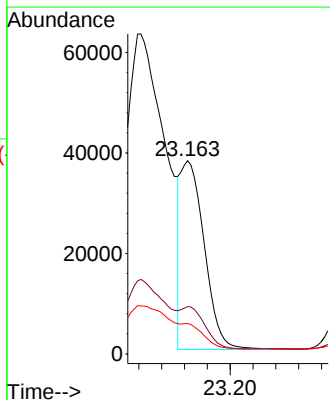
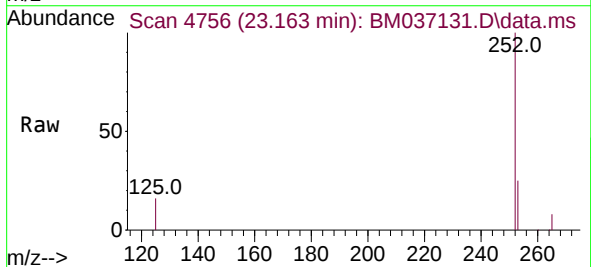
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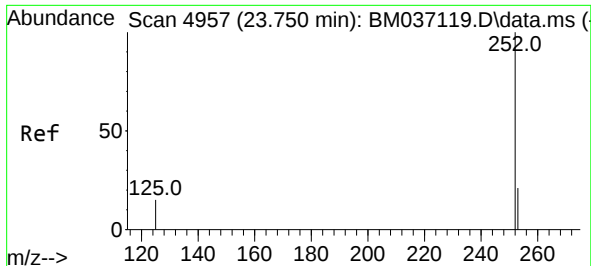
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#25
Benzo(k)fluoranthene
Concen: 1.422 ng/ul m
RT: 23.163 min Scan# 4756
Delta R.T. -0.006 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

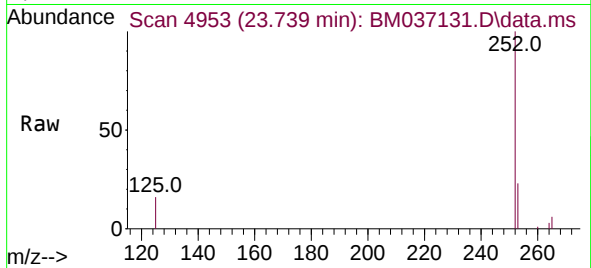
Tgt Ion:252 Resp: 54266
Ion Ratio Lower Upper
252 100
253 24.5 25.2 37.8#
125 15.7 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 3.785 ng/ul
RT: 23.739 min Scan# 4957
Delta R.T. -0.006 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

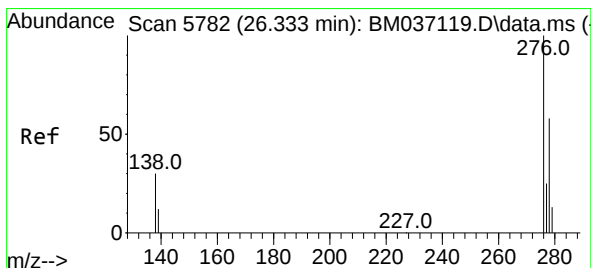
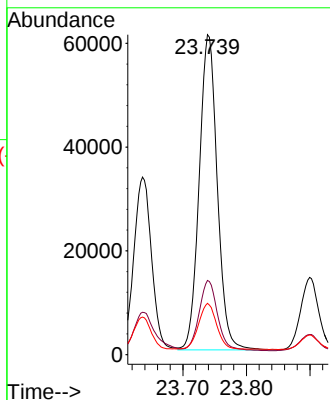
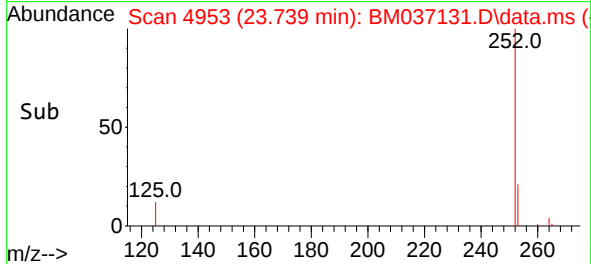
Instrument :
BNA_M
ClientSampleId :
BGNB7DL



Tgt Ion:252 Resp: 120228
Ion Ratio Lower Upper
252 100
253 23.2 29.7 44.5
125 16.0 23.6 35.4

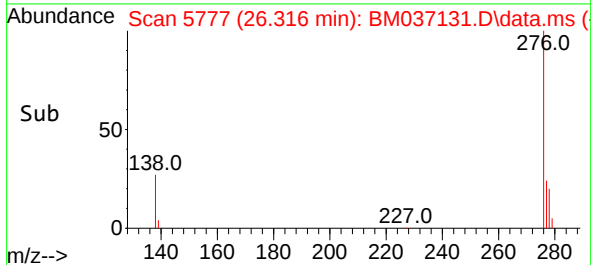
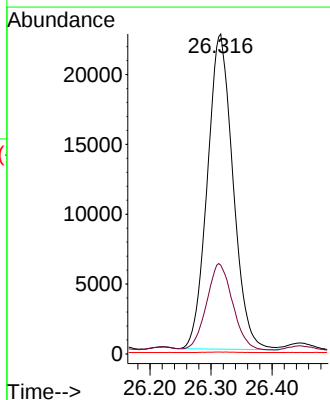
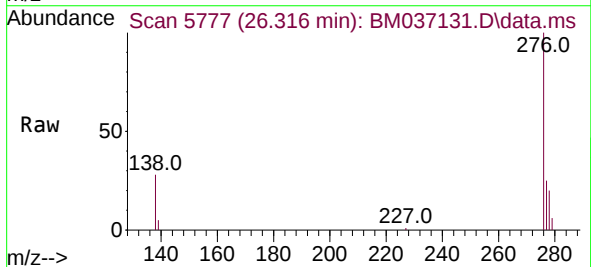
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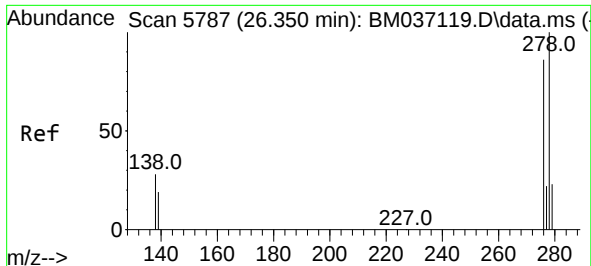
Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.464 ng/ul
RT: 26.316 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

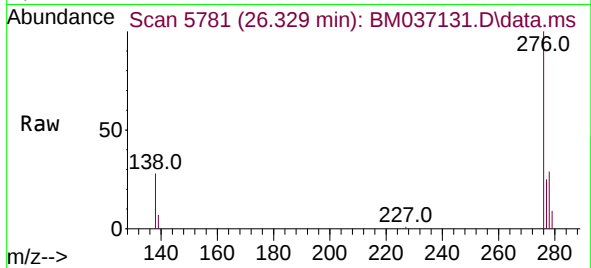
Tgt Ion:276 Resp: 65860
Ion Ratio Lower Upper
276 100
138 28.0 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 26.329 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30

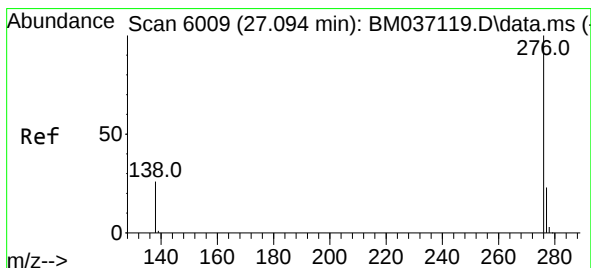
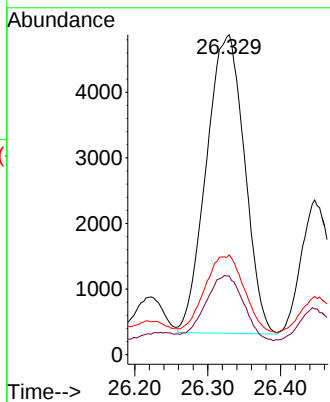
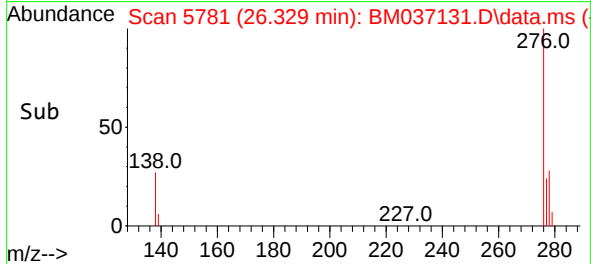
Instrument :
BNA_M
ClientSampleId :
BGNB7DL



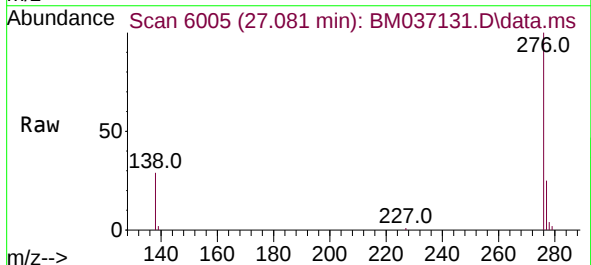
Tgt Ion:278 Resp: 1654
Ion Ratio Lower Upper
278 100
139 24.6 19.8 29.6
279 31.2 27.7 41.5

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



#29
Benzo(g,h,i)perylene
Concen: 1.182 ng/ul
RT: 27.081 min Scan# 6005
Delta R.T. -0.007 min
Lab File: BM037131.D
Acq: 18 Oct 2022 02:30



Tgt Ion:276 Resp: 46880
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.0
277 24.6 21.0 31.4

