

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037014.D
 Acq On : 13 Oct 2022 13:16
 Operator : CG/JU
 Sample : N5024-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 13 23:33:45 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6905	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	25273	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	14250	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	28847	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	19017	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	14955	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	30177	3.099	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	7803	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	16616	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	56689	0.785	ng/ul	96
7) 2-Methylnaphthalene	12.404	142	57215	1.295	ng/ul	92
8) 1-Methylnaphthalene	12.624	142	47591	1.060	ng/ul	99
10) Acenaphthylene	14.293	152	10586	0.179	ng/ul#	85
11) Acenaphthene	14.630	153	11881	0.231	ng/ul	99
12) Fluorene	15.616	166	13768	0.236	ng/ul#	96
15) Phenanthrene	17.351	178	312870	3.397	ng/ul	99
16) Anthracene	17.440	178	40578	0.527	ng/ul	100
19) Fluoranthene	19.359	202	337446	4.461	ng/ul	99
20) Pyrene	19.721	202	276415	3.504	ng/ul	99
21) Benzo(a)anthracene	21.465	228	123029	1.791	ng/ul	98
22) Chrysene	21.517	228	127855	1.733	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	140466	2.102	ng/ul	90
25) Benzo(k)fluoranthene	23.189	252	40328m	0.619	ng/ul	
26) Benzo(a)pyrene	23.771	252	89183	1.645	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.360	276	58097	0.757	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.370	278	14775	0.238	ng/ul#	93
29) Benzo(g,h,i)perylene	27.128	276	52078	0.770	ng/ul	98

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

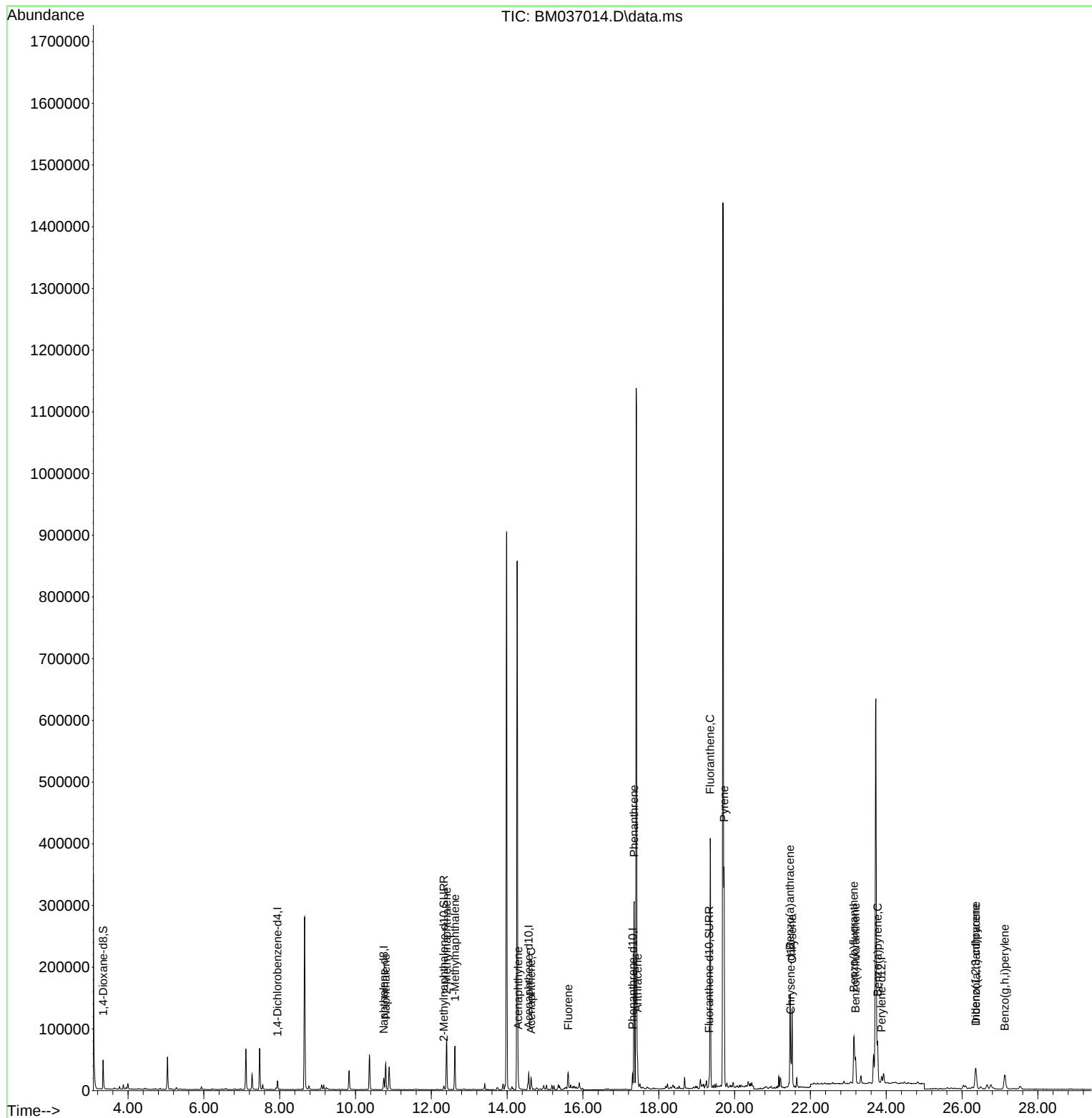
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037014.D
Acq On : 13 Oct 2022 13:16
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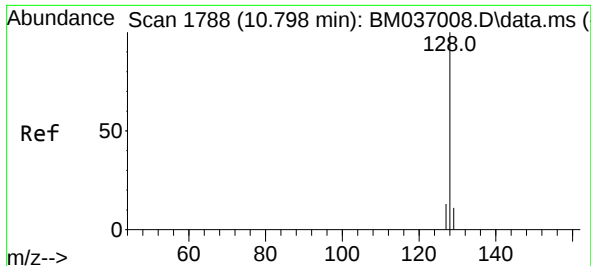
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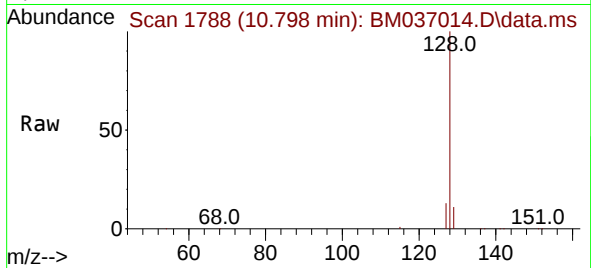
Quant Time: Oct 13 23:33:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.785 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

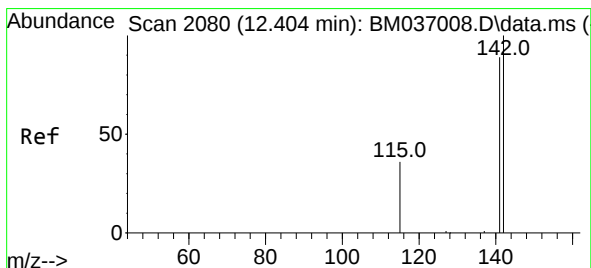
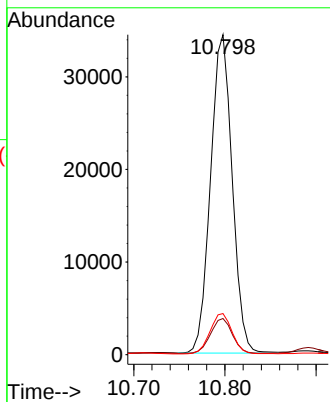
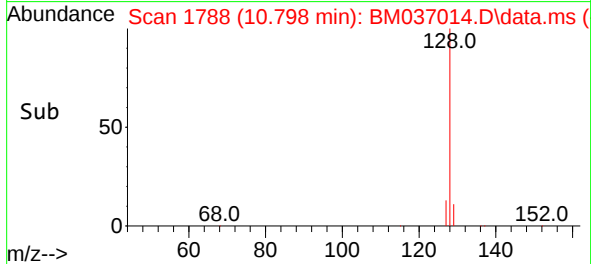
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:128 Resp: 56689
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 12.9 11.7 17.5

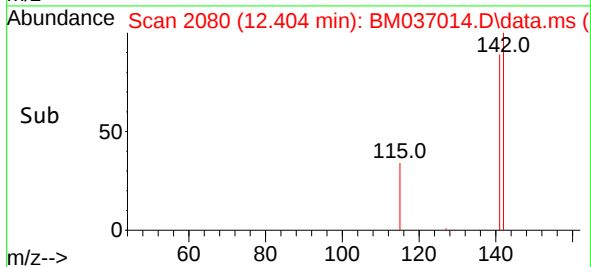
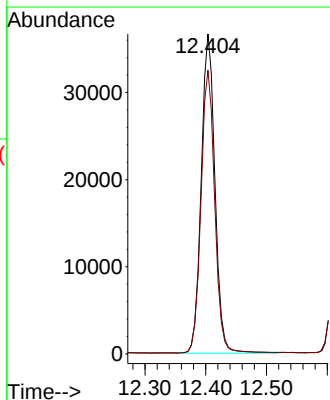
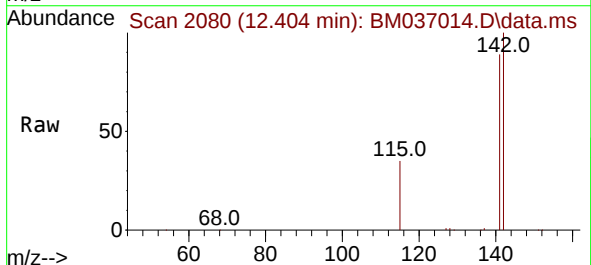
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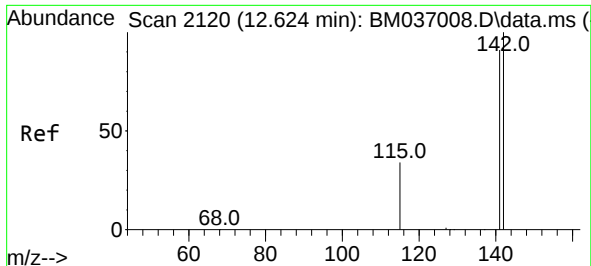
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 1.295 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

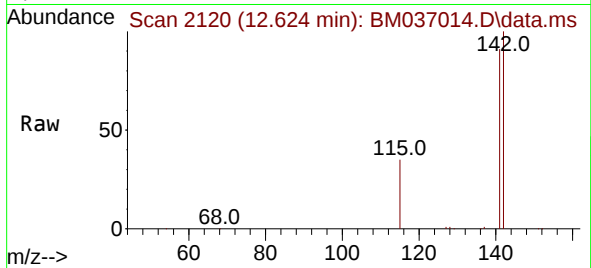
Tgt Ion:142 Resp: 57215
Ion Ratio Lower Upper
142 100
141 88.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

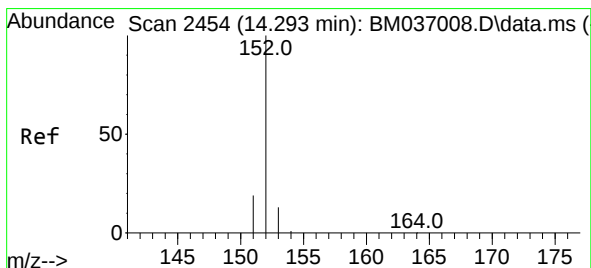
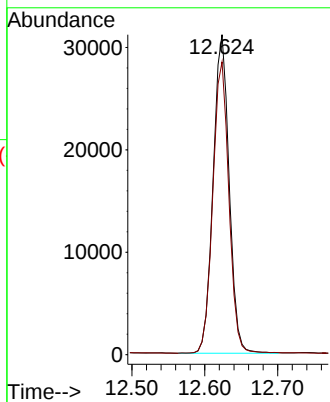
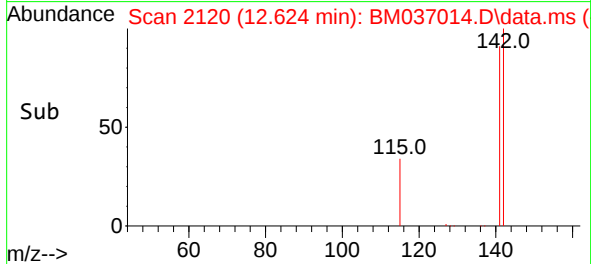
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 4759
Ion Ratio Lower Upper
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141 91.7 74.1 111.1

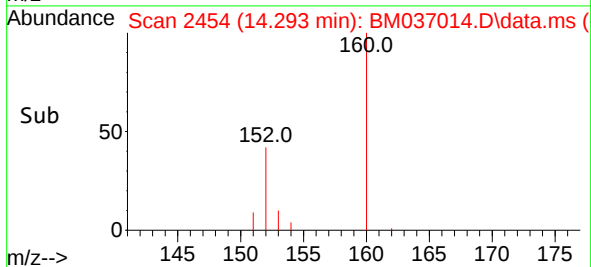
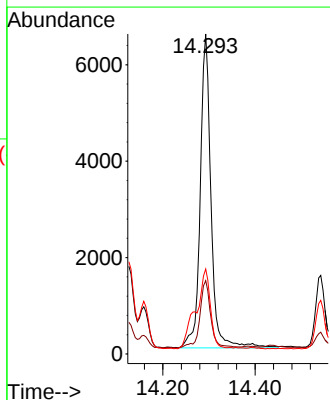
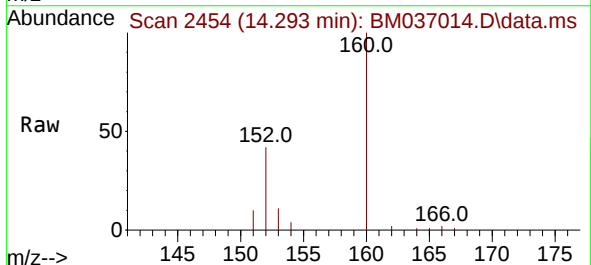
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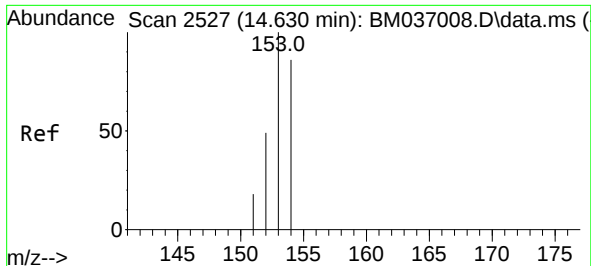
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

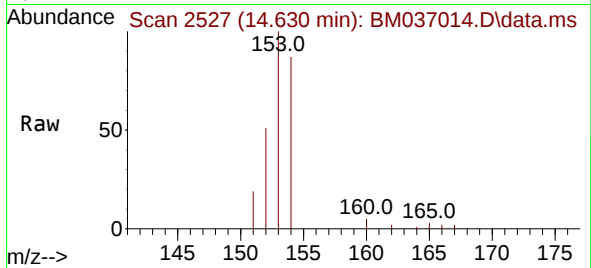
Tgt Ion:152 Resp: 10586
Ion Ratio Lower Upper
152 100
151 22.9 16.6 24.8
153 26.5 11.4 17.0#





#11
Acenaphthene
Concen: 0.231 ng/ul
RT: 14.630 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

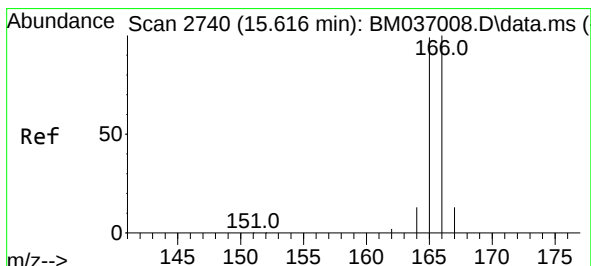
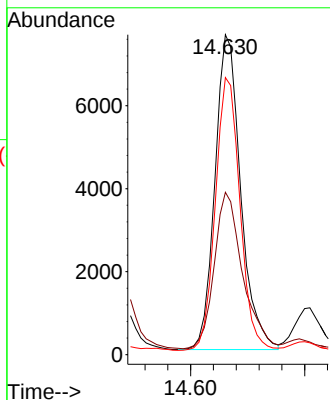
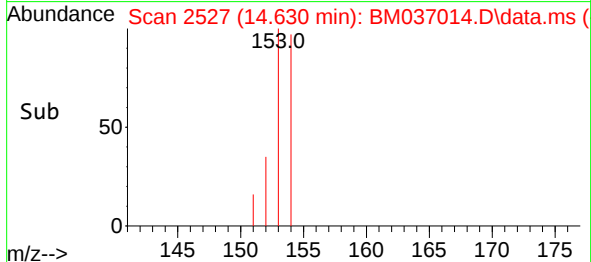
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:153 Resp: 1188
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 86.6 69.7 104.5

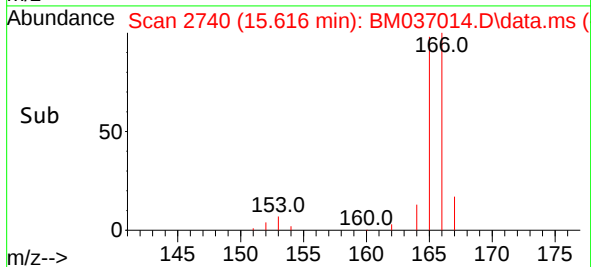
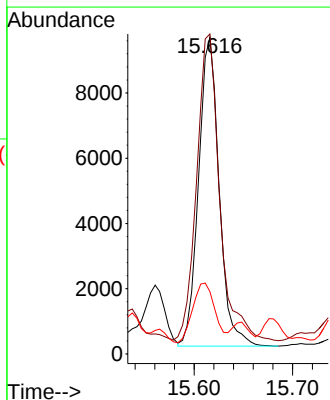
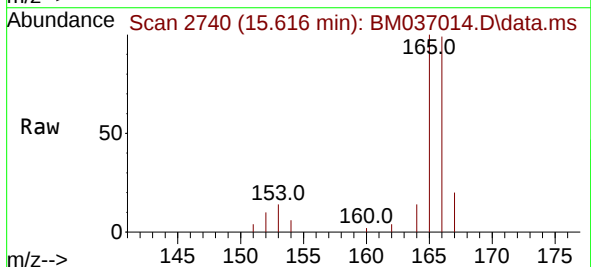
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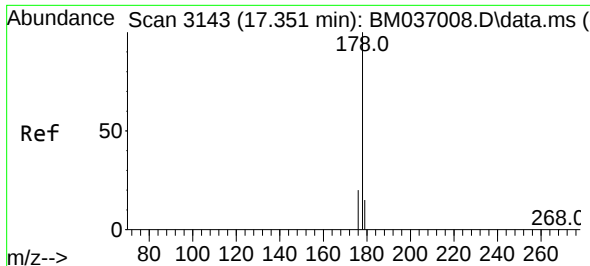
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.236 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

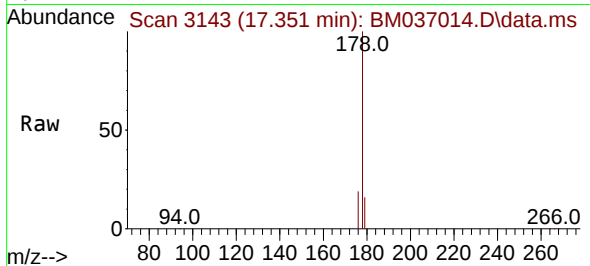
Tgt Ion:166 Resp: 13768
Ion Ratio Lower Upper
166 100
165 101.1 78.9 118.3
167 19.7 11.3 16.9#





#15
Phenanthrene
Concen: 3.397 ng/uI
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

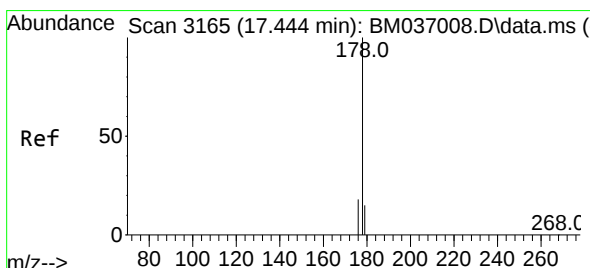
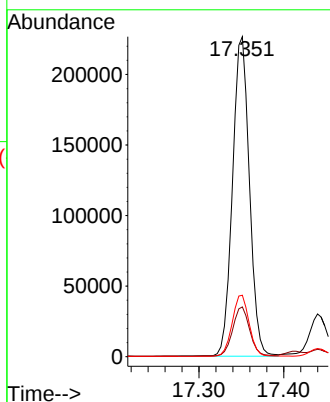
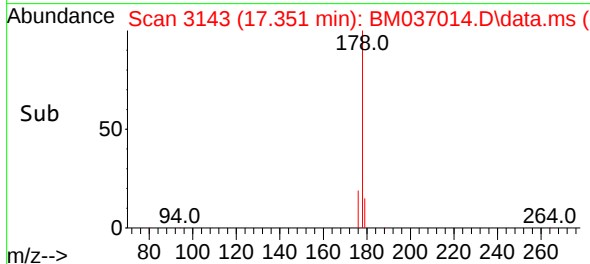
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:178 Resp: 312870
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.6 23.4

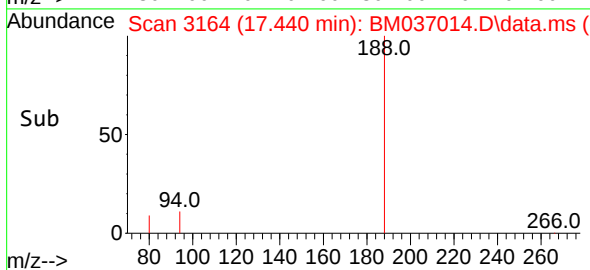
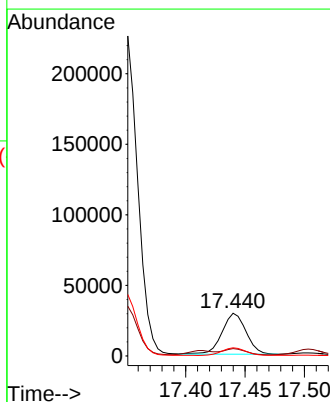
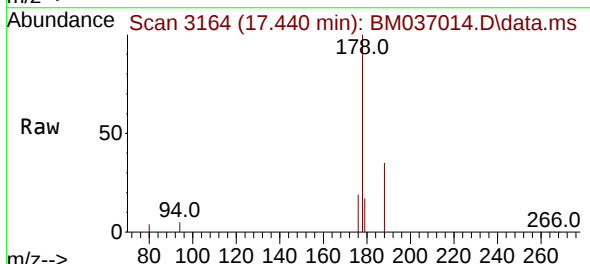
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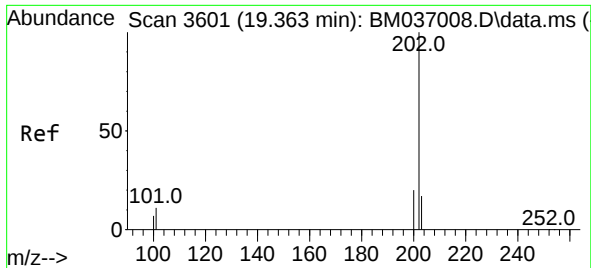
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 0.527 ng/uI
RT: 17.440 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

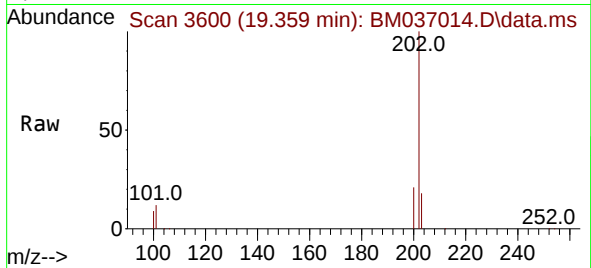
Tgt Ion:178 Resp: 40578
Ion Ratio Lower Upper
178 100
179 17.1 13.6 20.4
176 19.3 15.6 23.4





#19
Fluoranthene
Concen: 4.461 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

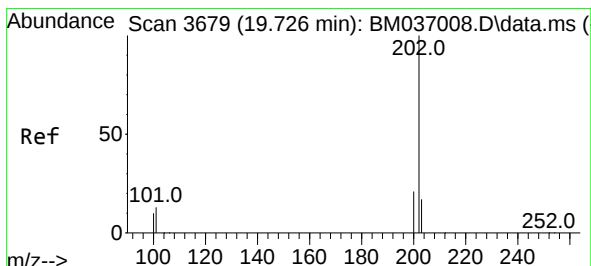
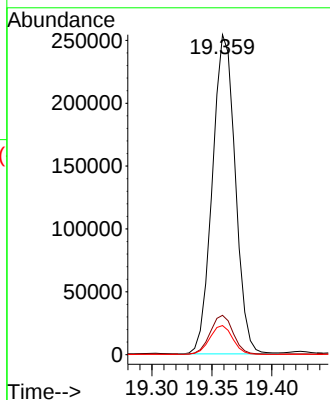
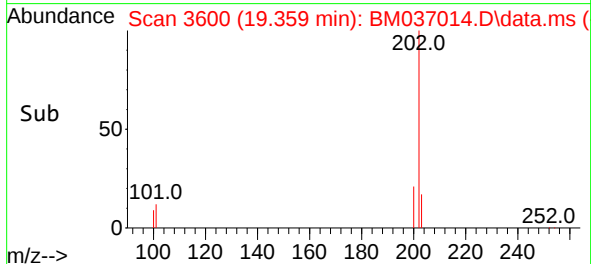
Instrument :
BNA_M
ClientSampleId :
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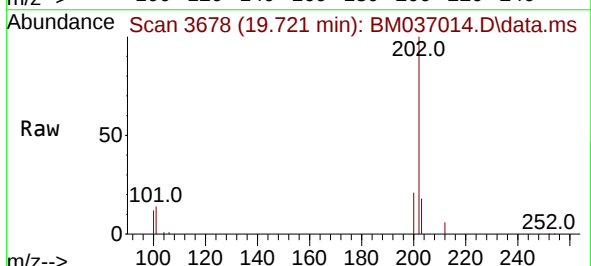
Tgt Ion:202 Resp: 337440
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.1 7.9 11.9

Manual Integrations
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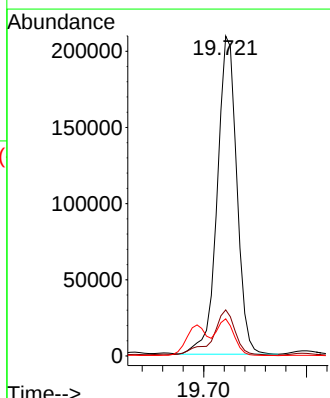
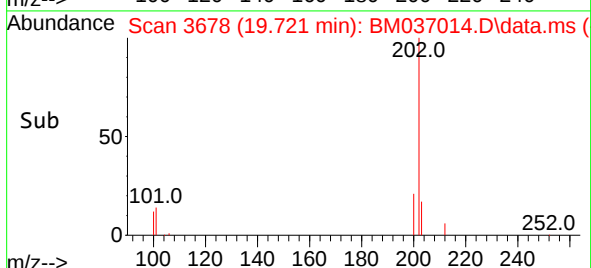
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

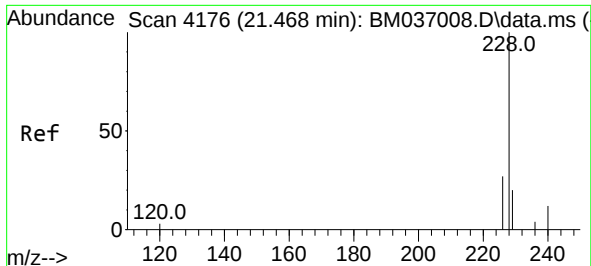


#20
Pyrene
Concen: 3.504 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16



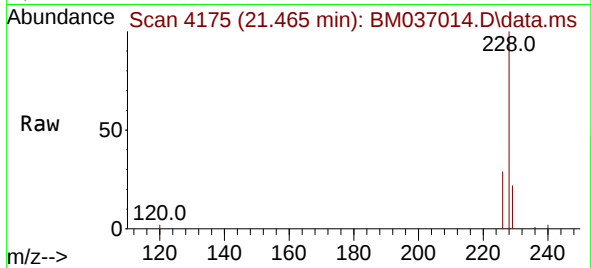
Tgt Ion:202 Resp: 276415
Ion Ratio Lower Upper
202 100
101 14.4 12.0 18.0
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.791 ng/ul
RT: 21.465 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

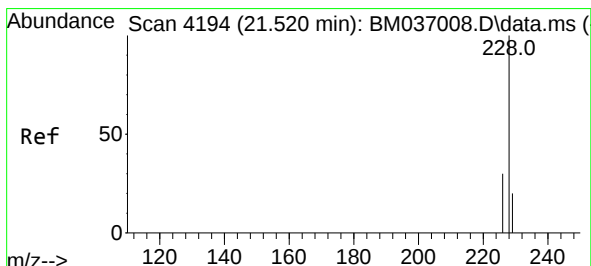
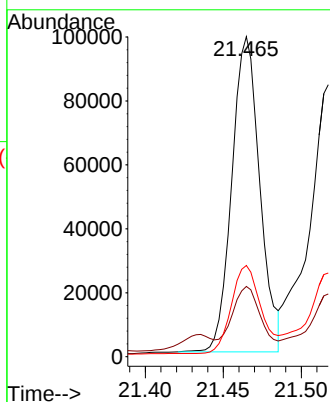
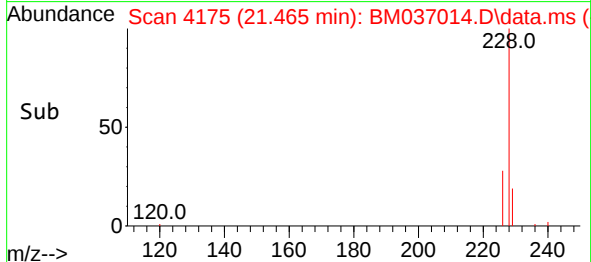
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:228 Resp: 123029
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 28.5 22.5 33.7

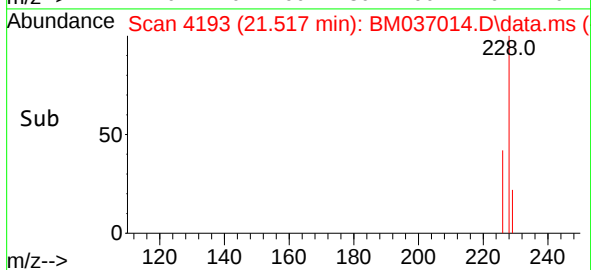
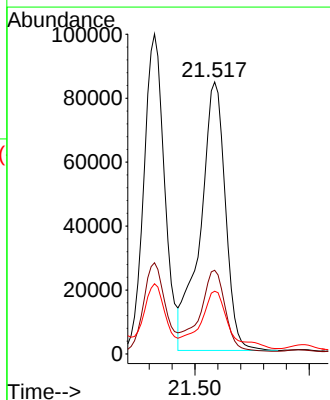
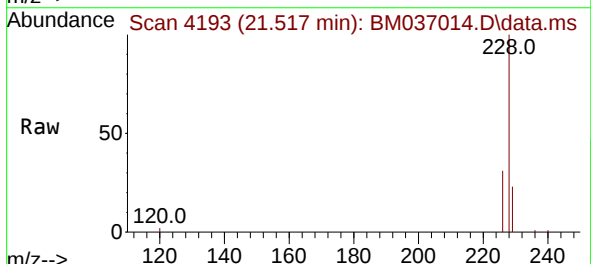
Manual Integrations
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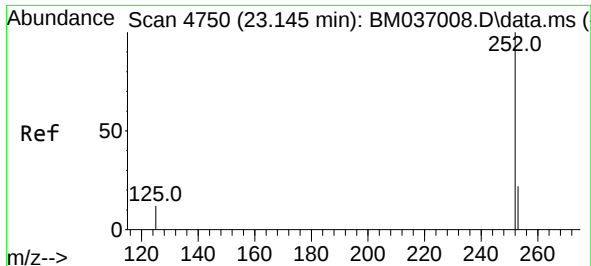
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#22
Chrysene
Concen: 1.733 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

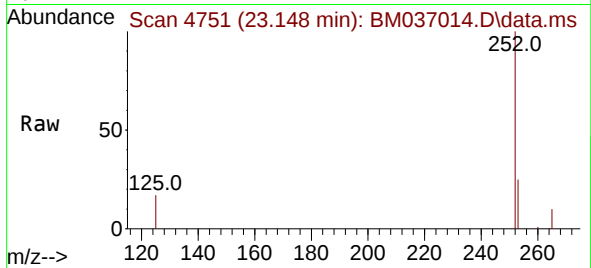
Tgt Ion:228 Resp: 127855
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 23.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.102 ng/ul
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

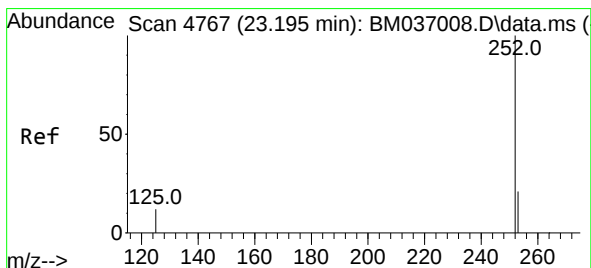
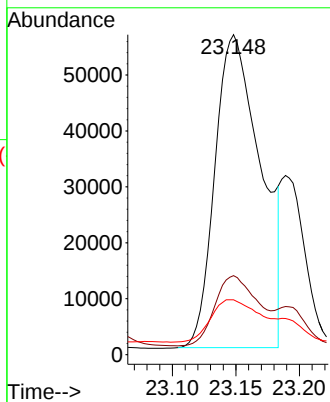
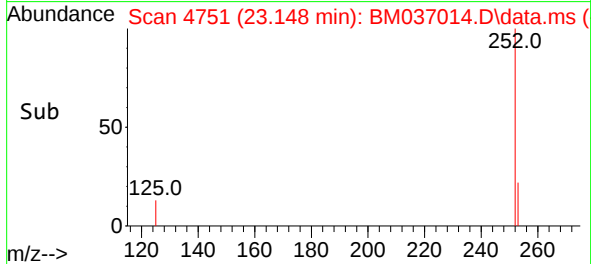
Instrument :
BNA_M
ClientSampleId :
C0BP9



Tgt Ion:252 Resp: 140460
Ion Ratio Lower Upper
252 100
253 24.7 0.0 61.4
125 17.1 0.0 42.6

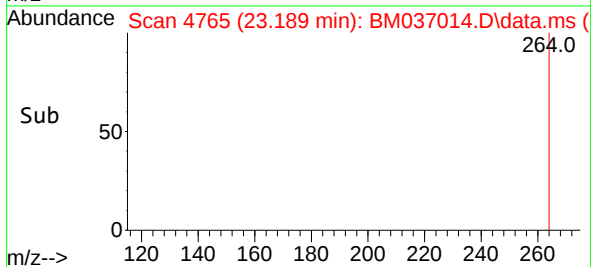
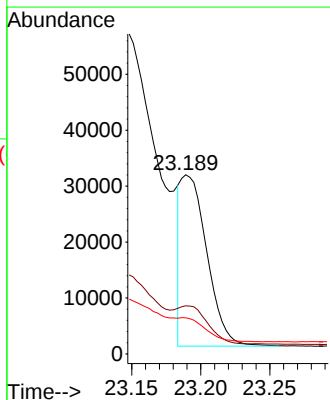
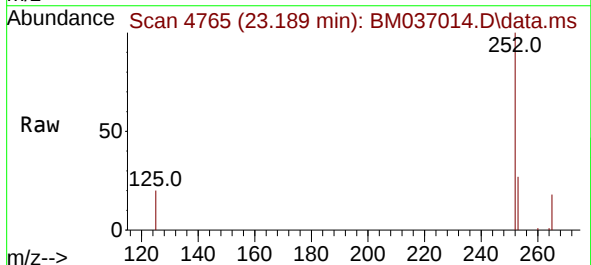
Manual Integrations
APPROVED

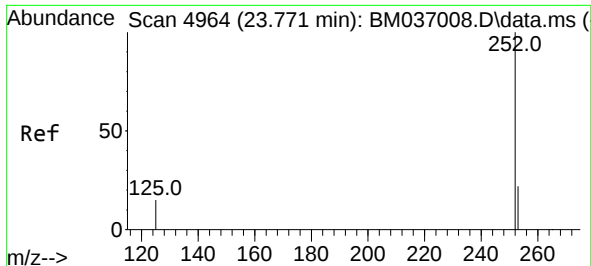
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 0.619 ng/ul m
RT: 23.189 min Scan# 4765
Delta R.T. -0.006 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

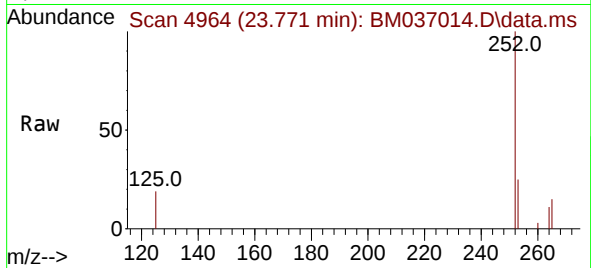
Tgt Ion:252 Resp: 40328
Ion Ratio Lower Upper
252 100
253 26.9 25.2 37.8
125 20.2 18.3 27.5





#26
Benzo(a)pyrene
Concen: 1.645 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. 0.000 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16

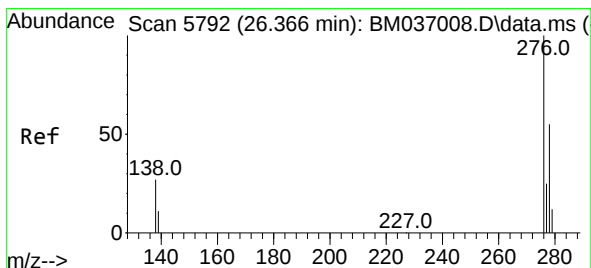
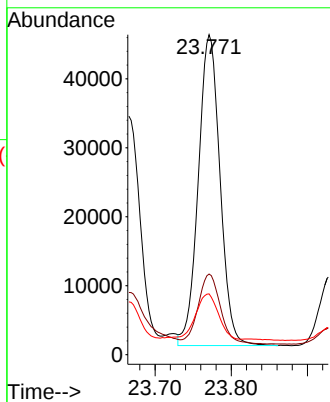
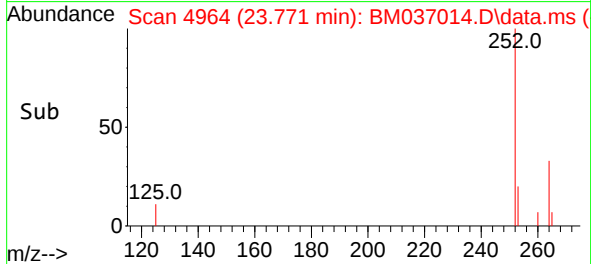
Instrument :
BNA_M
ClientSampleId :
C0BP9



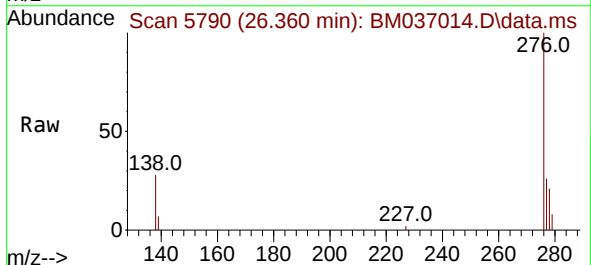
Tgt Ion:252 Resp: 8918
Ion Ratio Lower Upper
252 100
253 25.2 29.7 44.5
125 19.0 23.6 35.4

Manual Integrations
APPROVED

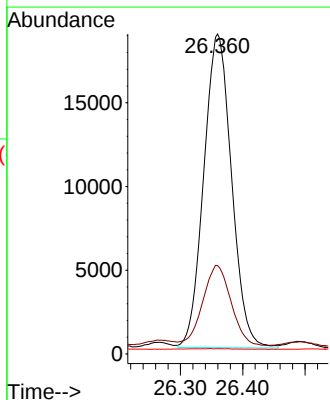
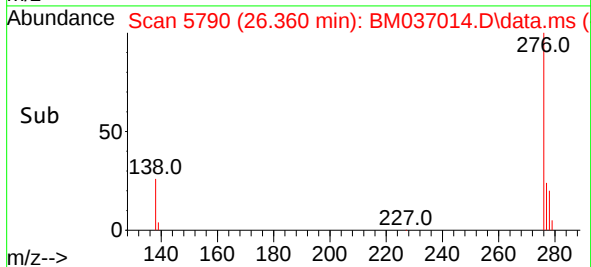
Reviewed By :Jagrut Upadhyay 10/14/2022
Supervised By :mohammad ahmed 10/16/2022

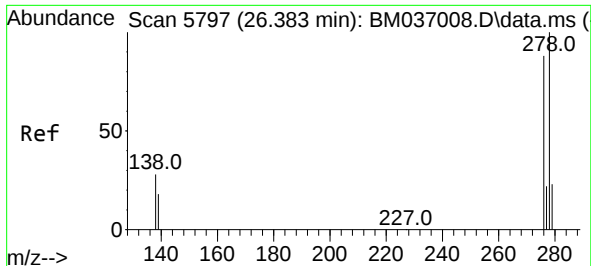


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.757 ng/ul
RT: 26.360 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BM037014.D
Acq: 13 Oct 2022 13:16



Tgt Ion:276 Resp: 58097
Ion Ratio Lower Upper
276 100
138 25.8 23.9 35.9
227 0.2 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.238 ng/ul

RT: 26.370 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM037014.D

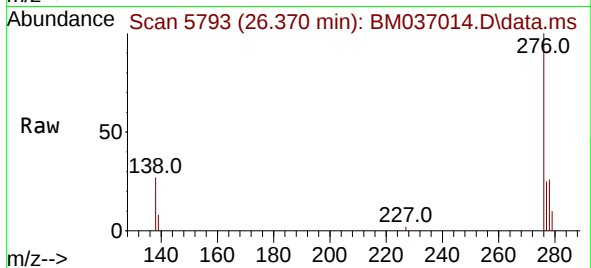
Acq: 13 Oct 2022 13:16

Instrument :

BNA_M

ClientSampleId :

C0BP9



Tgt Ion:278 Resp: 14775

Ion Ratio Lower Upper

278 100

139 30.2 19.8 29.6

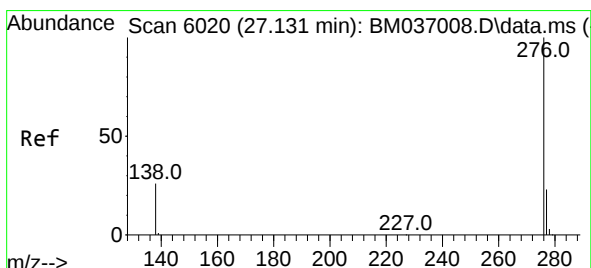
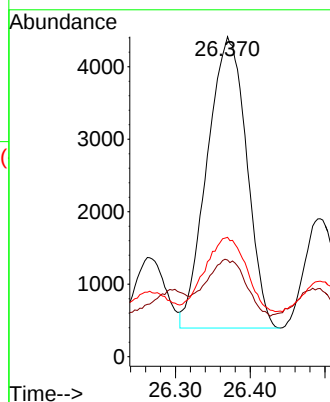
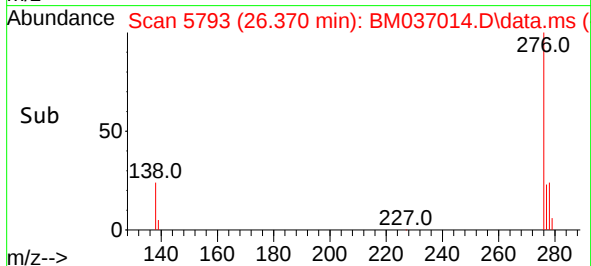
279 37.3 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022

Supervised By :mohammad ahmed 10/16/2022



#29

Benzo(g,h,i)perylene

Concen: 0.770 ng/ul

RT: 27.128 min Scan# 6019

Delta R.T. 0.000 min

Lab File: BM037014.D

Acq: 13 Oct 2022 13:16

Tgt Ion:276 Resp: 52078

Ion Ratio Lower Upper

276 100

138 28.0 23.4 35.0

277 25.1 21.0 31.4

