

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037188.D
 Acq On : 22 Oct 2022 04:18
 Operator : CG/JU
 Sample : N5064-17
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBN6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 04:49:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5841	0.400	ng/u1	0.00
4) Naphthalene-d8	10.699	136	17832	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.529	164	10753	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.267	188	22718	0.400	ng/u1	0.00
17) Chrysene-d12	21.447	240	16534	0.400	ng/u1	0.00
23) Perylene-d12	23.818	264	15273	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	29387	4.126	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.283	152	7452	0.294	ng/u1	0.00
18) Fluoranthene-d10	19.294	212	18312	0.366	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	48093	0.911	ng/u1	99
7) 2-Methylnaphthalene	12.360	142	43614	1.379	ng/u1	98
8) 1-Methylnaphthalene	12.574	142	46832	1.451	ng/u1	99
10) Acenaphthylene	14.251	152	121884	2.638	ng/u1	99
11) Acenaphthene	14.589	153	9239	0.221	ng/u1	99
12) Fluorene	15.574	166	31992	0.655	ng/u1	98
14) Pentachlorophenol	16.921	266	380	0.069	ng/u1	94
15) Phenanthrene	17.313	178	1320879	17.223	ng/u1	99
16) Anthracene	17.402	178	94006	1.548	ng/u1	99
19) Fluoranthene	19.326	202	1515154	21.095	ng/u1	97
20) Pyrene	19.689	202	1895746	26.035	ng/u1	99
21) Benzo(a)anthracene	21.430	228	545881	8.507	ng/u1	96
22) Chrysene	21.482	228	1145547	15.516	ng/u1	99
24) Benzo(b)fluoranthene	23.096	252	1067386	13.194	ng/u1	92
25) Benzo(k)fluoranthene	23.139	252	327698m	4.192	ng/u1	
26) Benzo(a)pyrene	23.715	252	594002	9.144	ng/u1#	85
27) Indeno(1,2,3-cd)pyrene	26.273	276	487456	5.373	ng/u1#	91
28) Dibenzo(a,h)anthracene	26.279	278	135618	1.894	ng/u1	98
29) Benzo(g,h,i)perylene	27.027	276	448115	5.615	ng/u1	96

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

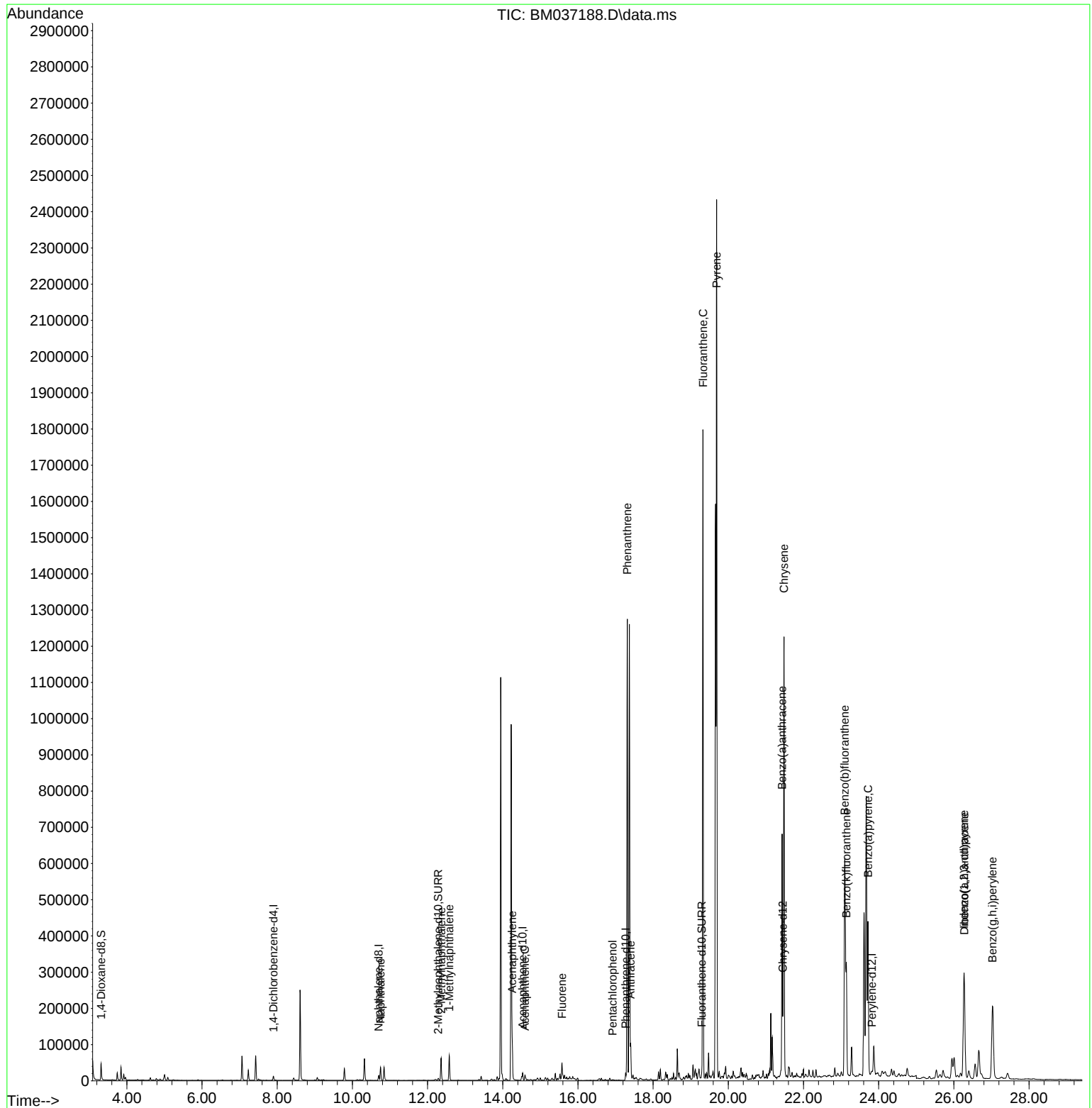
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037188.D
Acq On : 22 Oct 2022 04:18
Operator : CG/JU
Sample : N5064-17
Misc :
ALS Vial : 60 Sample Multiplier: 1

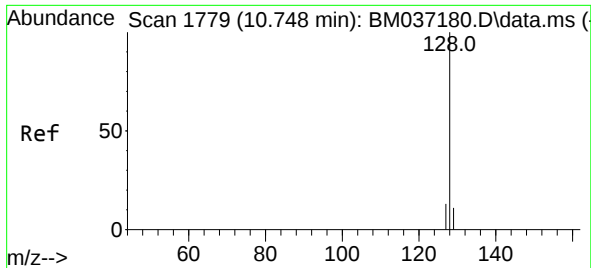
Instrument :
BNA_M
ClientSampleId :
C0BN6

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Supervised By :mohammad ahmed 10/24/2022

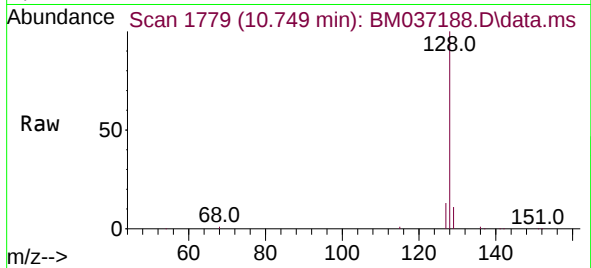
Quant Time: Oct 22 04:49:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.911 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

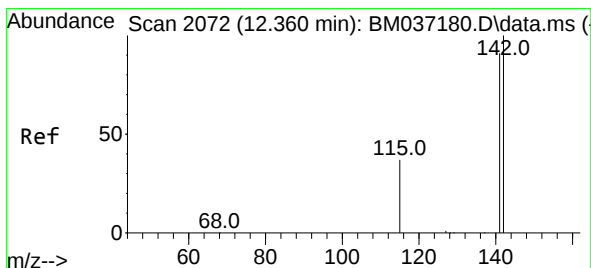
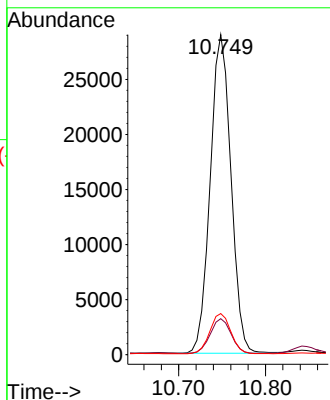
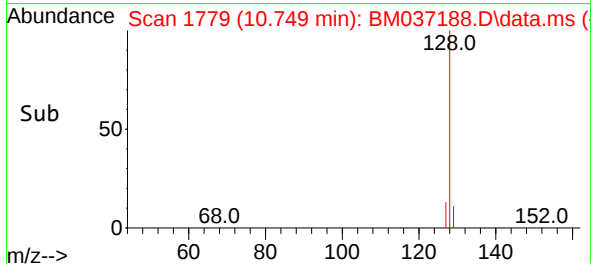
Instrument :
BNA_M
ClientSampleId :
COBN6



Tgt Ion:128 Resp: 48093
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.8 10.5 15.7

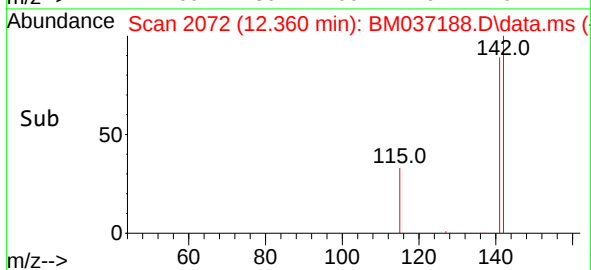
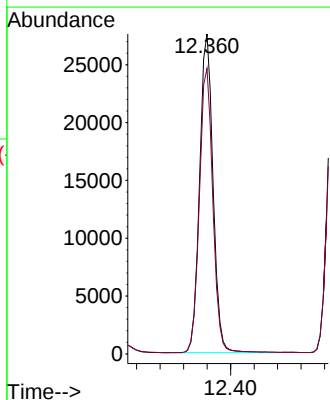
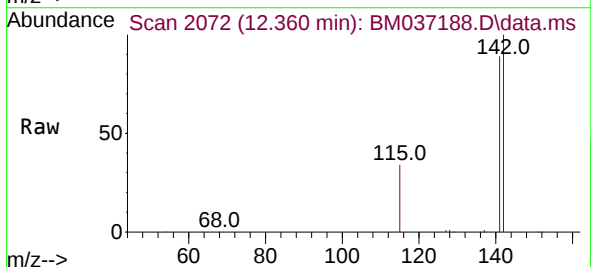
Manual Integrations
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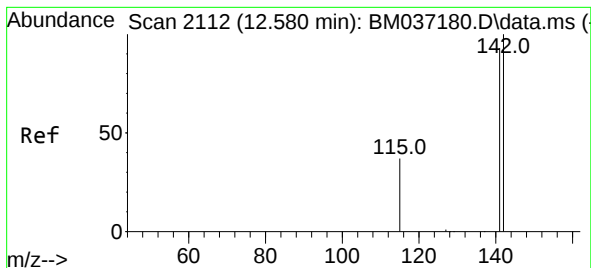
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.379 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

Tgt Ion:142 Resp: 43614
Ion Ratio Lower Upper
142 100
141 89.4 72.8 109.2





#8

1-Methylnaphthalene

Concen: 1.451 ng/ul

RT: 12.574 min Scan# 2111

Delta R.T. -0.005 min

Lab File: BM037188.D

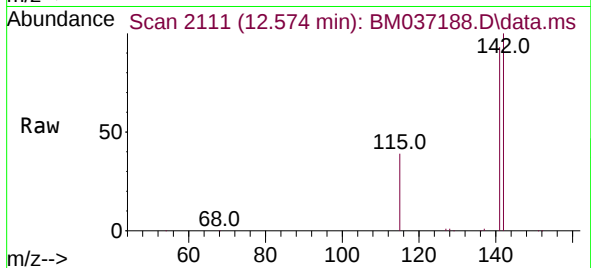
Acq: 22 Oct 2022 04:18

Instrument :

BNA_M

ClientSampleId :

COBN6



Tgt Ion:142 Resp: 46832

Ion Ratio Lower Upper

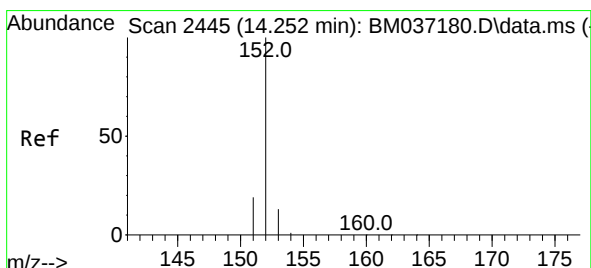
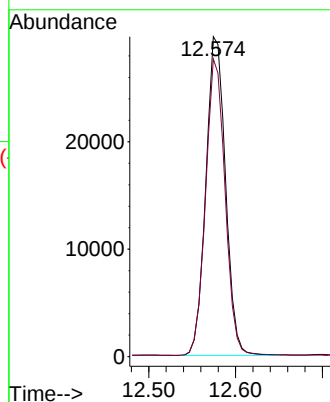
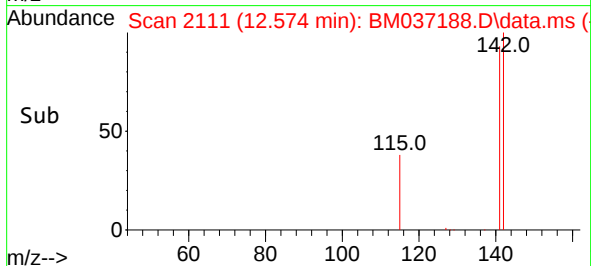
142 100

141 92.1 74.2 111.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10

Acenaphthylene

Concen: 2.638 ng/ul

RT: 14.251 min Scan# 2445

Delta R.T. -0.001 min

Lab File: BM037188.D

Acq: 22 Oct 2022 04:18

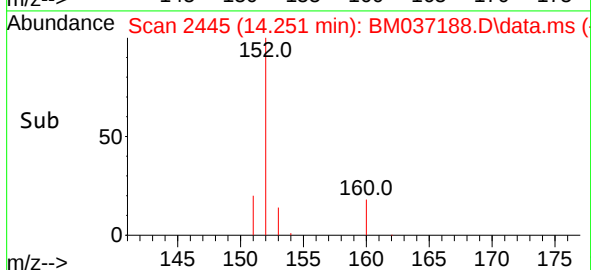
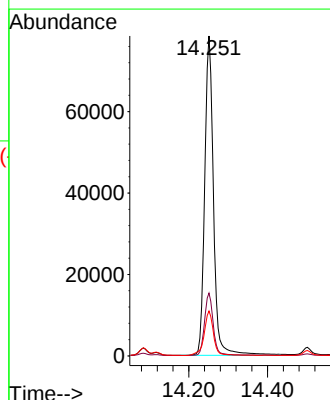
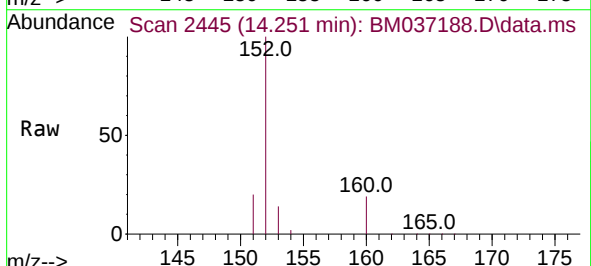
Tgt Ion:152 Resp: 121884

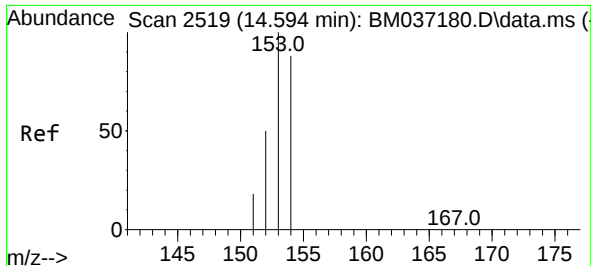
Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

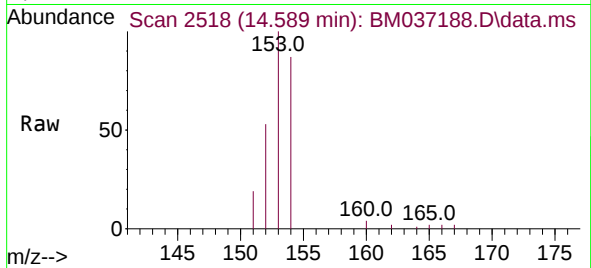
153 14.0 10.8 16.2





#11
Acenaphthene
Concen: 0.221 ng/ul
RT: 14.589 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

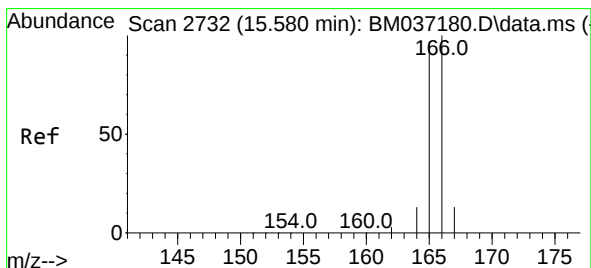
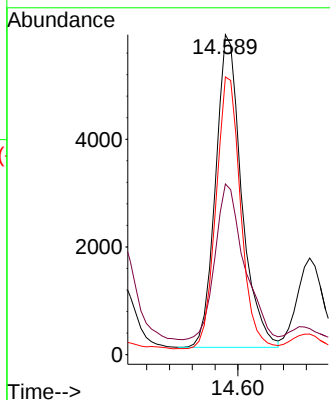
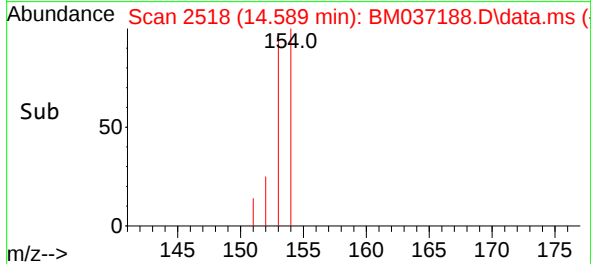
Instrument :
BNA_M
ClientSampleId :
C0BN6



Tgt Ion:153 Resp: 9239
Ion Ratio Lower Upper
153 100
152 53.3 43.3 64.9
154 86.8 70.0 105.0

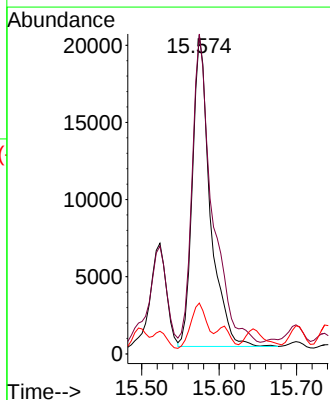
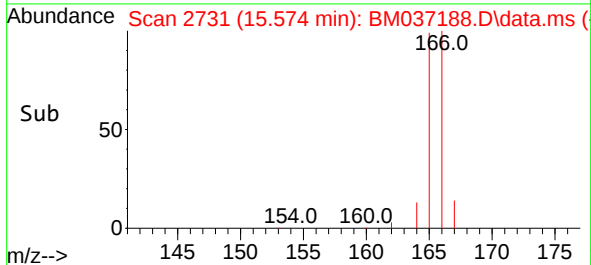
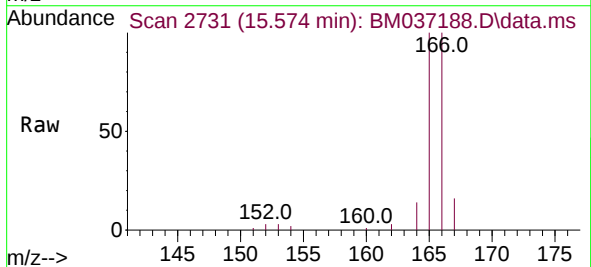
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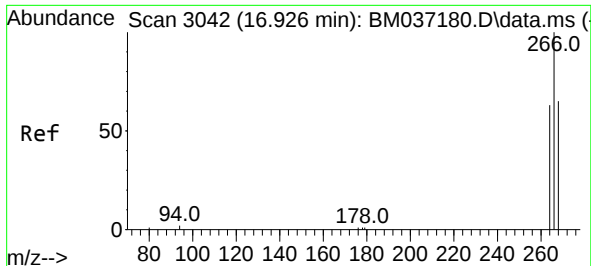
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.655 ng/ul
RT: 15.574 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

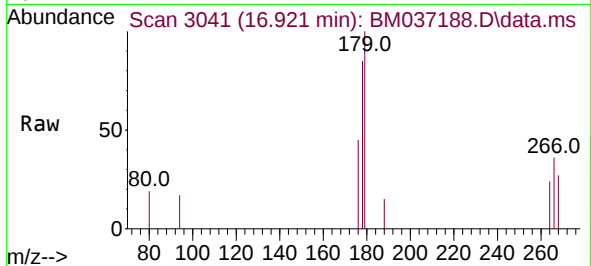
Tgt Ion:166 Resp: 31992
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 16.0 11.3 16.9





#14
Pentachlorophenol
Concen: 0.069 ng/ul
RT: 16.921 min Scan# 3041
Delta R.T. -0.005 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

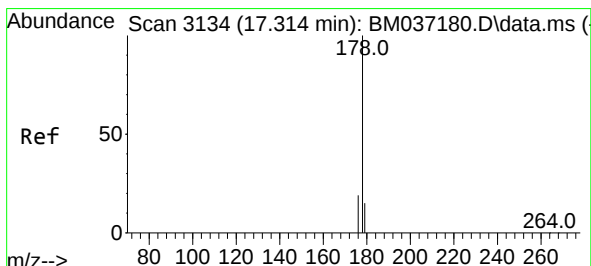
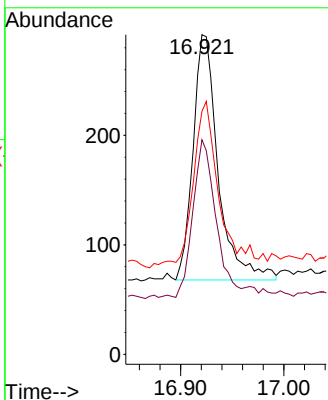
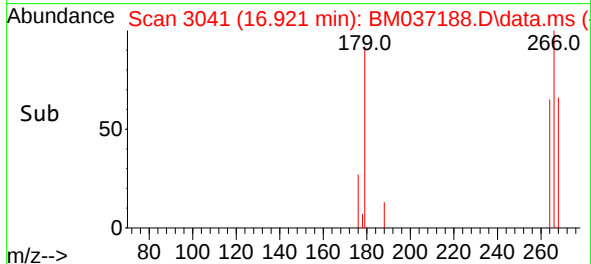
Instrument :
BNA_M
ClientSampleId :
COBN6



Tgt Ion:266 Resp: 380
Ion Ratio Lower Upper
266 100
264 63.2 49.4 74.0
268 71.3 50.5 75.7

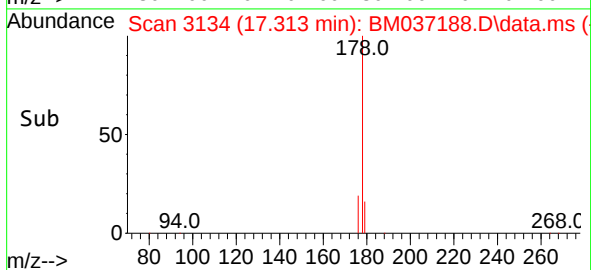
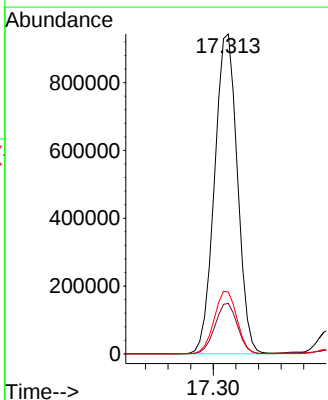
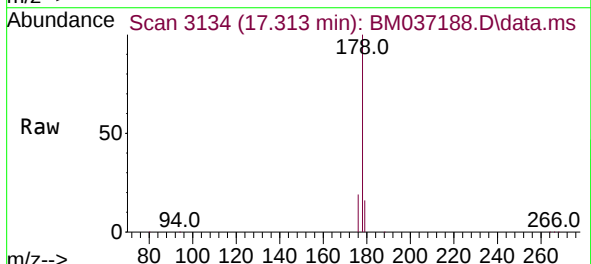
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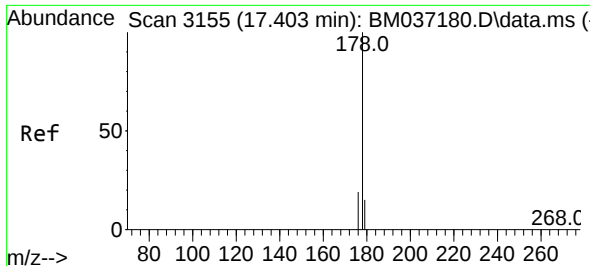
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 17.223 ng/ul
RT: 17.313 min Scan# 3134
Delta R.T. -0.001 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

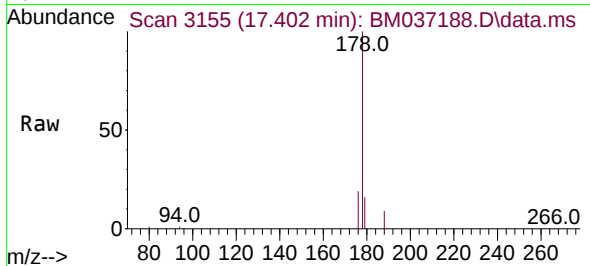
Tgt Ion:178 Resp: 1320879
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.3 16.1 24.1





#16
 Anthracene
 Concen: 1.548 ng/ul
 RT: 17.402 min Scan# 3155
 Delta R.T. -0.001 min
 Lab File: BM037188.D
 Acq: 22 Oct 2022 04:18

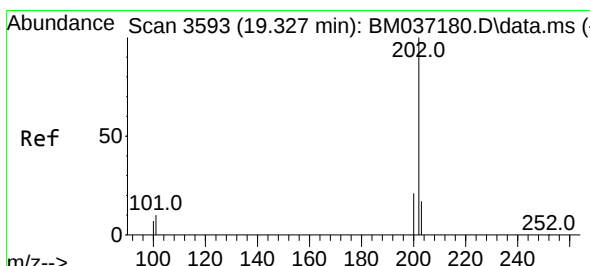
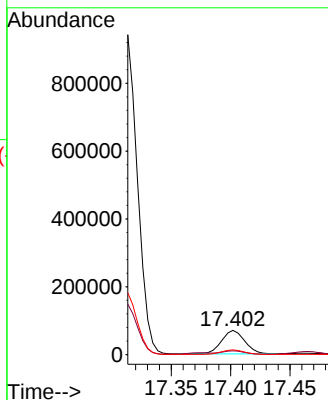
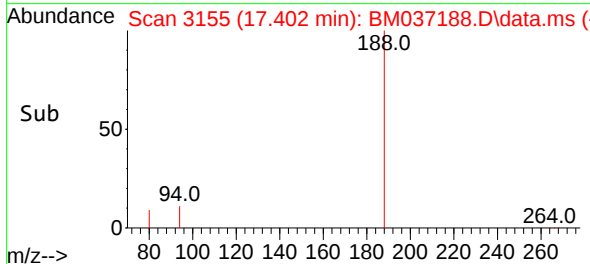
Instrument :
 BNA_M
 ClientSampleId :
 C0BN6



Tgt Ion:178 Resp: 940000
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.1 19.7
 176 19.2 15.3 22.9

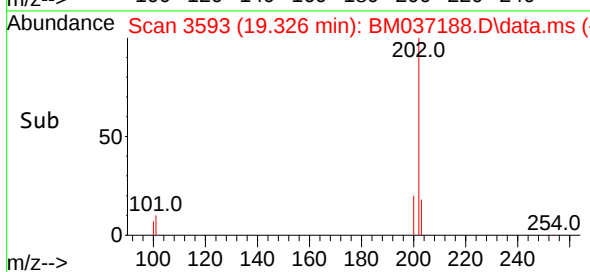
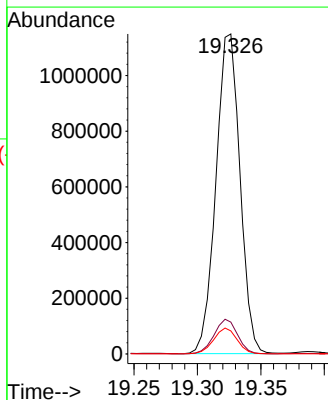
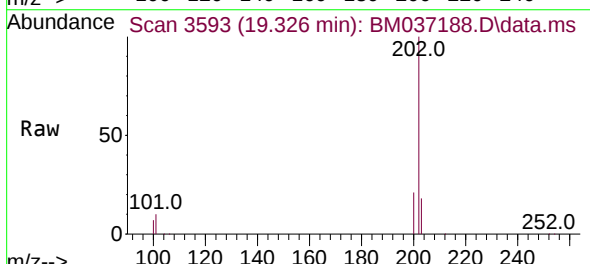
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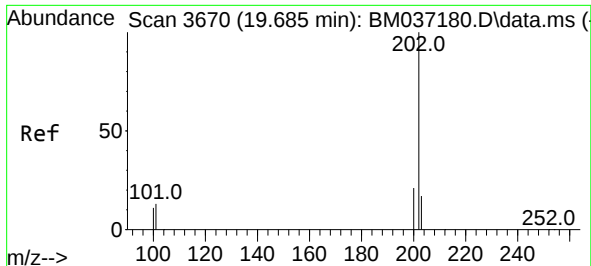
Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022



#19
 Fluoranthene
 Concen: 21.095 ng/ul
 RT: 19.326 min Scan# 3593
 Delta R.T. -0.001 min
 Lab File: BM037188.D
 Acq: 22 Oct 2022 04:18

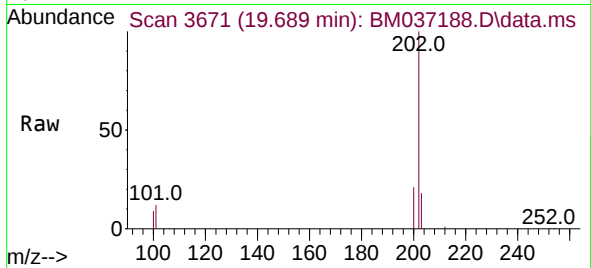
Tgt Ion:202 Resp: 1515154
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.9 13.3
 100 7.2 6.9 10.3





#20
Pyrene
Concen: 26.035 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. 0.004 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

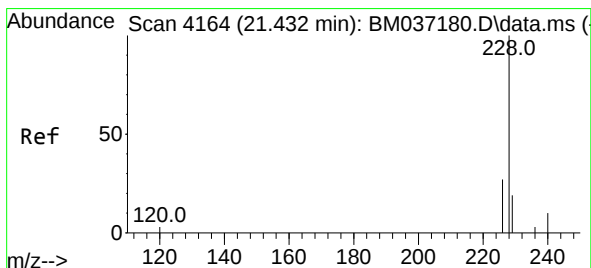
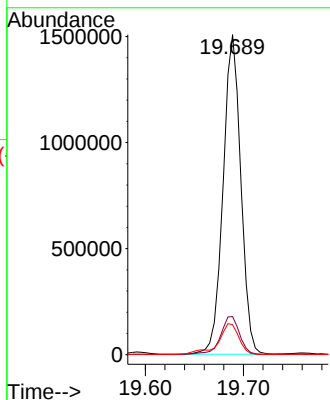
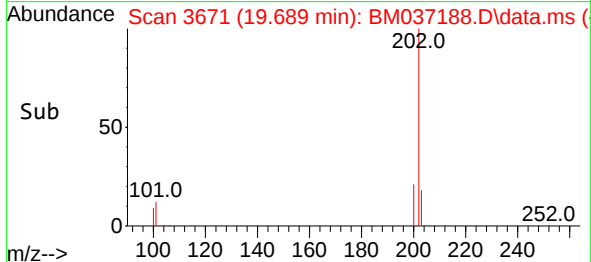
Instrument :
BNA_M
ClientSampleId :
COBN6



Tgt Ion:202 Resp: 1895746
Ion Ratio Lower Upper
202 100
101 11.9 9.7 14.5
100 9.3 7.8 11.8

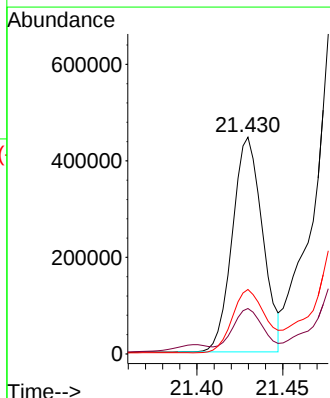
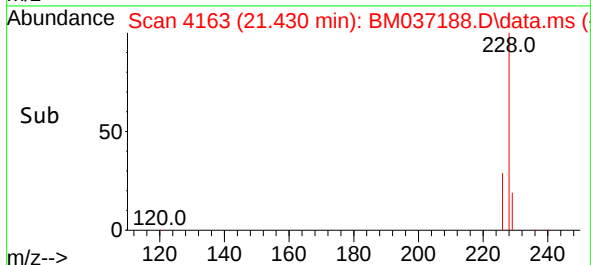
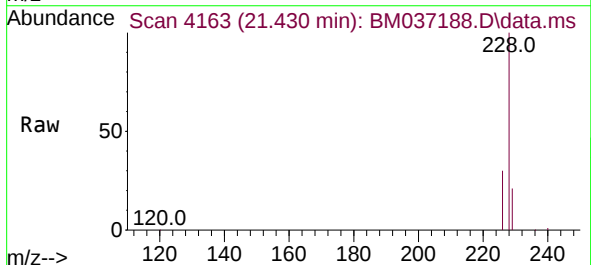
Manual Integrations
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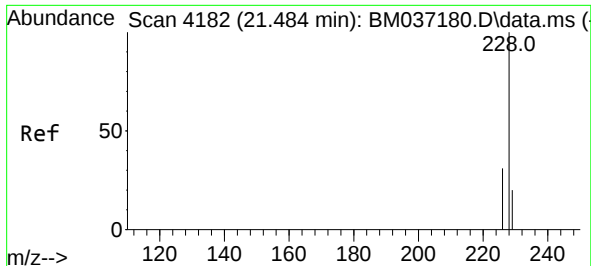
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#21
Benzo(a)anthracene
Concen: 8.507 ng/ul
RT: 21.430 min Scan# 4163
Delta R.T. -0.002 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

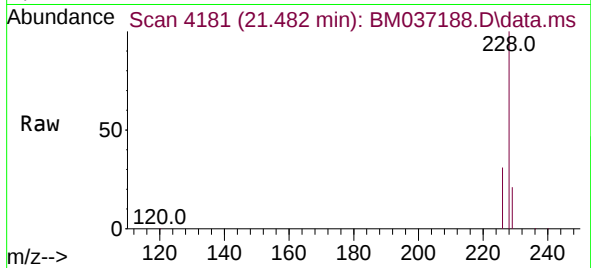
Tgt Ion:228 Resp: 545881
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 29.7 21.8 32.8





#22
Chrysene
Concen: 15.516 ng/ul
RT: 21.482 min Scan# 4182
Delta R.T. -0.002 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

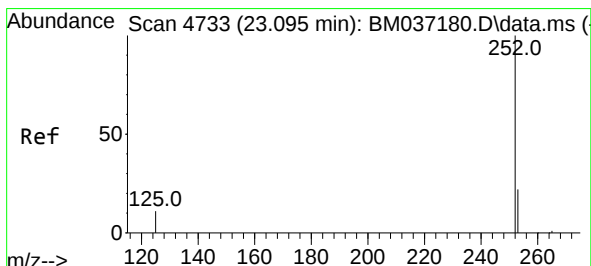
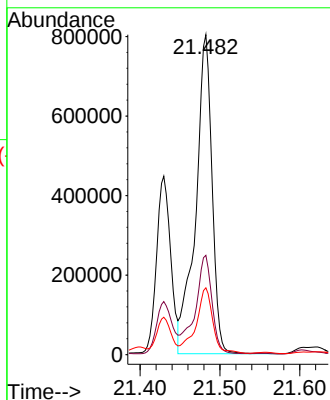
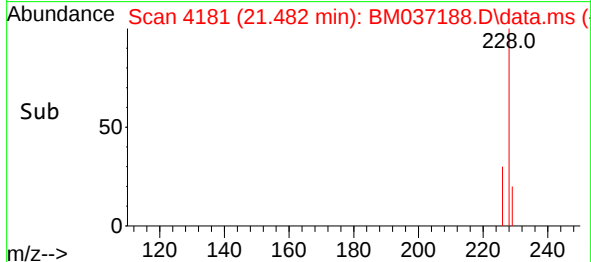
Instrument :
BNA_M
ClientSampleId :
COBN6



Tgt Ion:228 Resp: 1145547
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 20.9 16.0 24.0

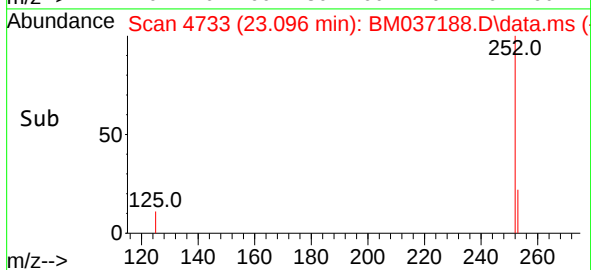
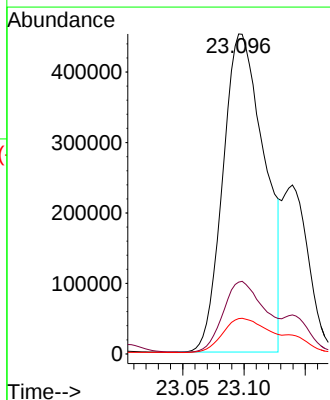
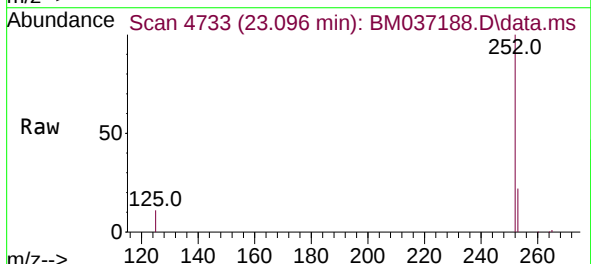
Manual Integrations
APPROVED

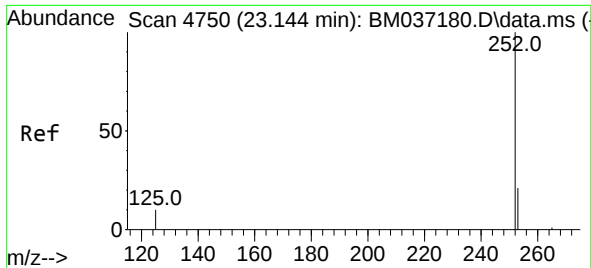
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#24
Benzo(b)fluoranthene
Concen: 13.194 ng/ul
RT: 23.096 min Scan# 4733
Delta R.T. 0.001 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

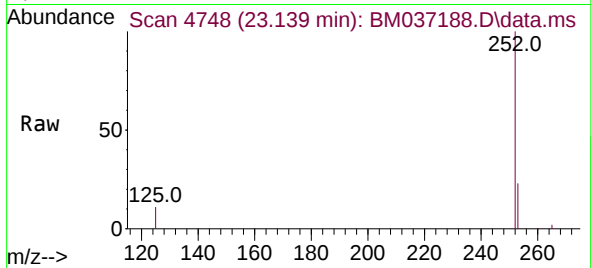
Tgt Ion:252 Resp: 1067386
Ion Ratio Lower Upper
252 100
253 22.4 0.0 50.6
125 11.0 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 4.192 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.005 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

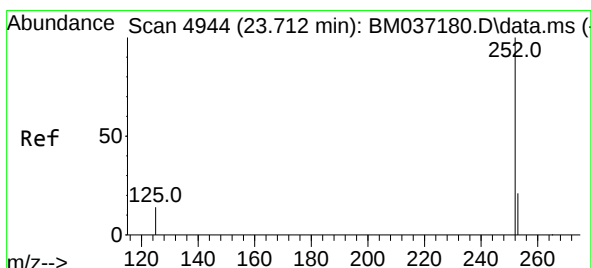
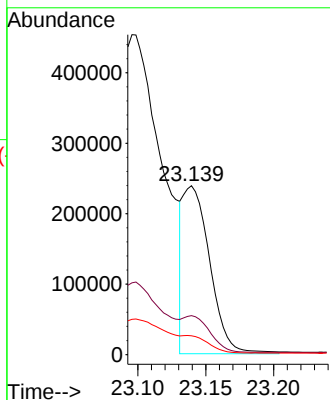
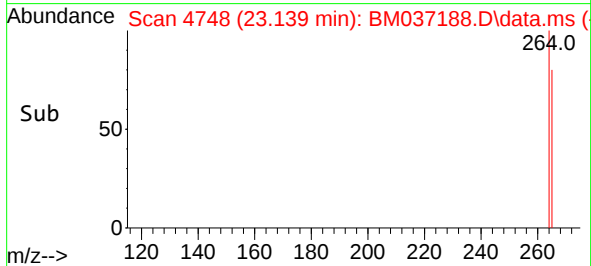
Instrument :
BNA_M
ClientSampleId :
COBN6



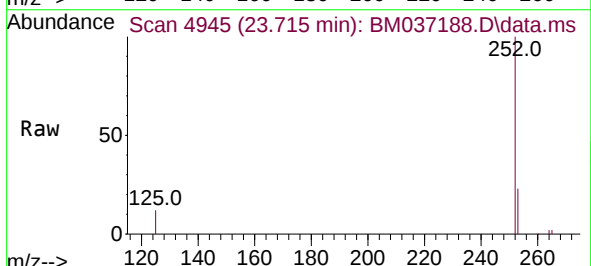
Tgt Ion:252 Resp: 327698
Ion Ratio Lower Upper
252 100
253 23.1 20.6 30.8
125 11.1 13.3 19.9

Manual Integrations
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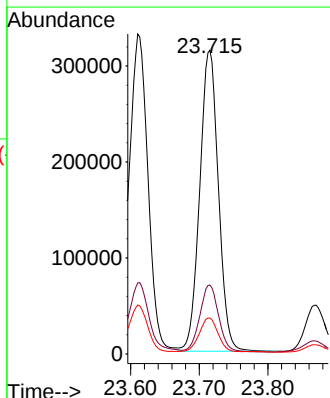
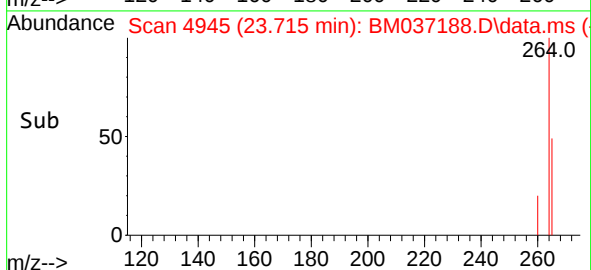
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

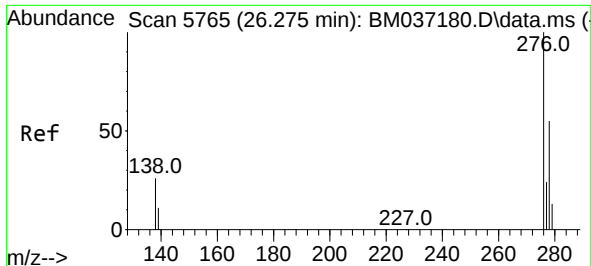


#26
Benzo(a)pyrene
Concen: 9.144 ng/ul
RT: 23.715 min Scan# 4945
Delta R.T. 0.004 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18



Tgt Ion:252 Resp: 594002
Ion Ratio Lower Upper
252 100
253 22.7 22.1 33.1
125 11.8 17.6 26.4





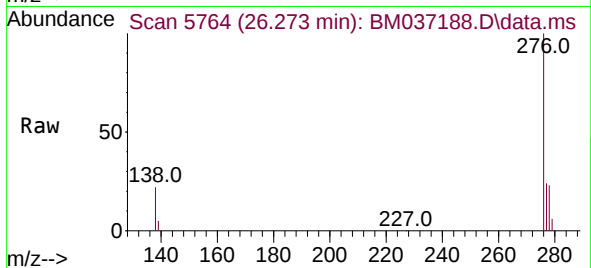
#27
Indeno(1,2,3-cd)pyrene
Concen: 5.373 ng/ul
RT: 26.273 min Scan# 5765
Delta R.T. -0.002 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18

Instrument :

BNA_M

ClientSampleId :

COBN6

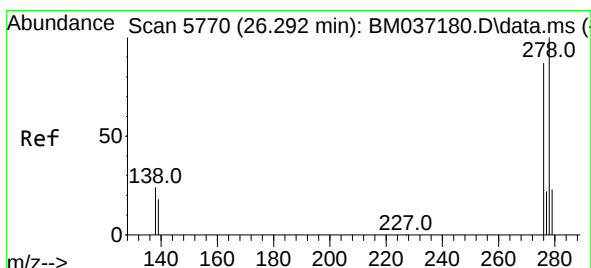
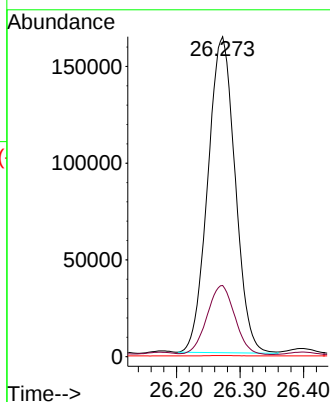
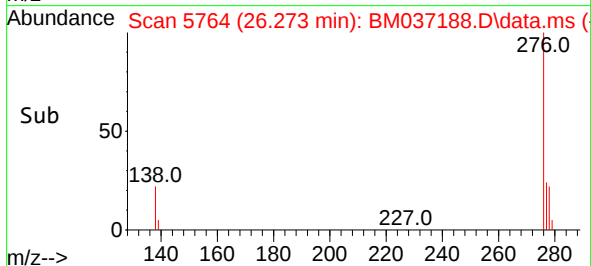


Tgt Ion:276 Resp: 487456
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.2 0.1 0.1

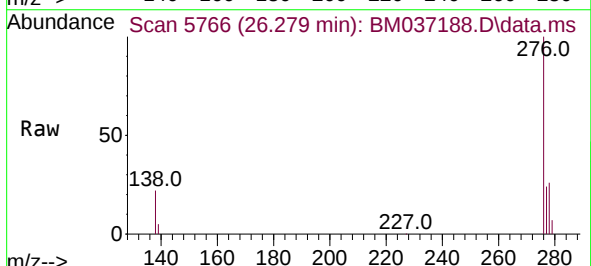
Manual Integrations

APPROVED

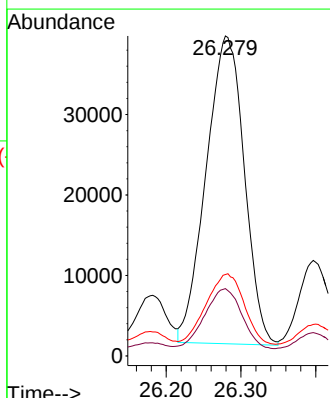
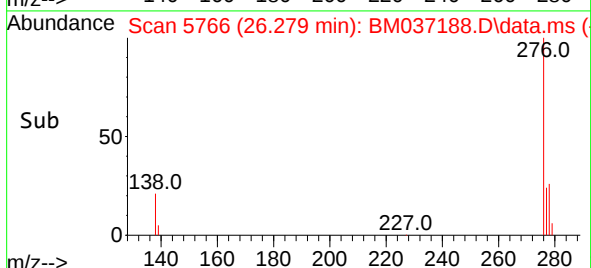
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

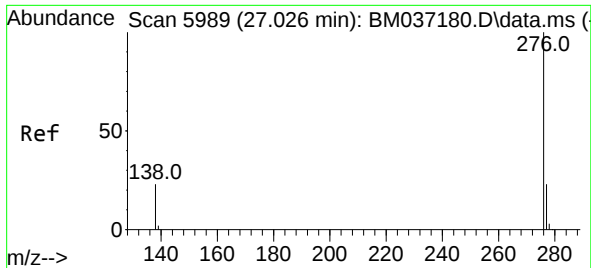


#28
Dibenzo(a,h)anthracene
Concen: 1.894 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.012 min
Lab File: BM037188.D
Acq: 22 Oct 2022 04:18



Tgt Ion:278 Resp: 135618
Ion Ratio Lower Upper
278 100
139 21.0 16.3 24.5
279 25.4 21.5 32.3





#29

Benzo(g,h,i)perylene

Concen: 5.615 ng/ul

RT: 27.027 min Scan# 5989

Delta R.T. 0.001 min

Lab File: BM037188.D

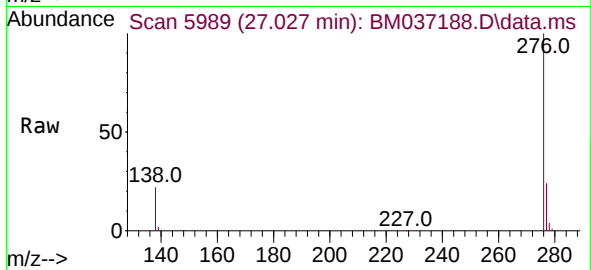
Acq: 22 Oct 2022 04:18

Instrument :

BNA_M

ClientSampleId :

C0BN6



Tgt Ion:276 Resp: 448115

Ion Ratio Lower Upper

276 100

138 22.5 19.8 29.8

277 23.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022

