

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
 Data File : BM037217.D
 Acq On : 24 Oct 2022 23:48
 Operator : CG/JU
 Sample : N4984-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 02:46:51 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	7.901	152	5500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	17053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.529	164	9300	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	16854	0.400	ng/ul	0.00
17) Chrysene-d12	21.444	240	11261	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	10302	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	8467	1.263	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	2013	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	3237	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	1718	0.034	ng/ul#	88
10) Acenaphthylene	14.251	152	2460	0.062	ng/ul#	92
12) Fluorene	15.574	166	1256	0.030	ng/ul#	94
15) Phenanthrene	17.309	178	21562	0.379	ng/ul	99
16) Anthracene	17.402	178	8504	0.189	ng/ul	98
19) Fluoranthene	19.322	202	57127	1.168	ng/ul	98
20) Pyrene	19.684	202	53117	1.071	ng/ul	99
21) Benzo(a)anthracene	21.427	228	30979	0.709	ng/ul	97
22) Chrysene	21.482	228	28785	0.572	ng/ul	98
24) Benzo(b)fluoranthene	23.093	252	39220	0.719	ng/ul	98
25) Benzo(k)fluoranthene	23.137	252	14612m	0.277	ng/ul	
26) Benzo(a)pyrene	23.707	252	27811	0.635	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.266	276	17917	0.293	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.276	278	4457	0.092	ng/ul#	79
29) Benzo(g,h,i)perylene	27.024	276	13464	0.250	ng/ul	98

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

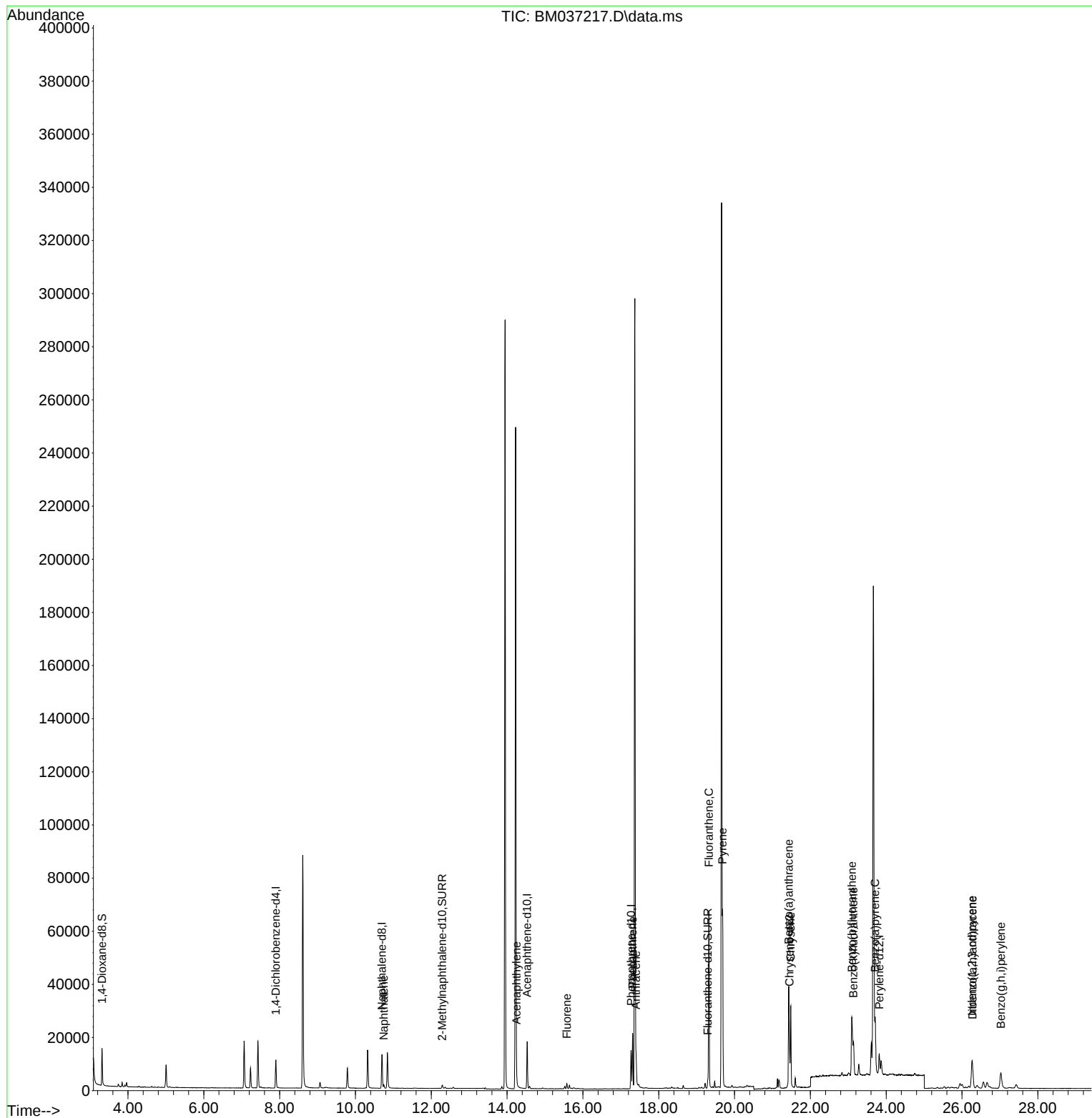
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102422\
Data File : BM037217.D
Acq On : 24 Oct 2022 23:48
Operator : CG/JU
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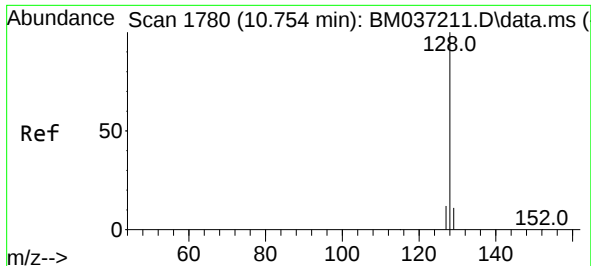
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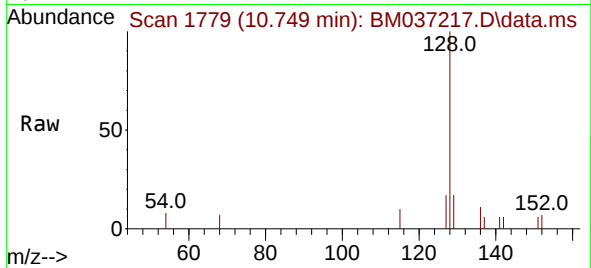
Quant Time: Oct 25 02:46:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
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#5
Naphthalene
Concen: 0.034 ng/uI
RT: 10.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

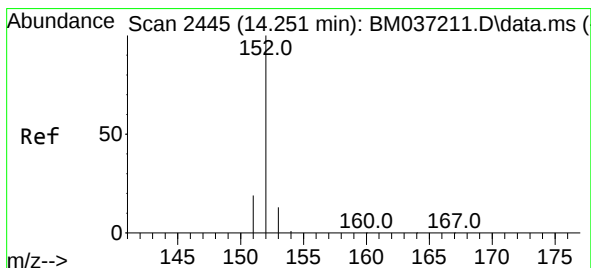
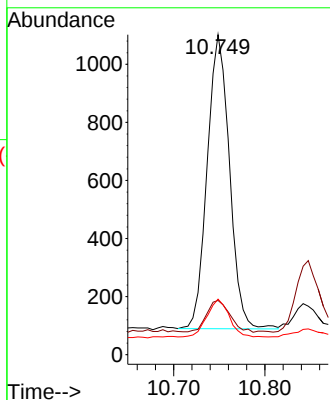
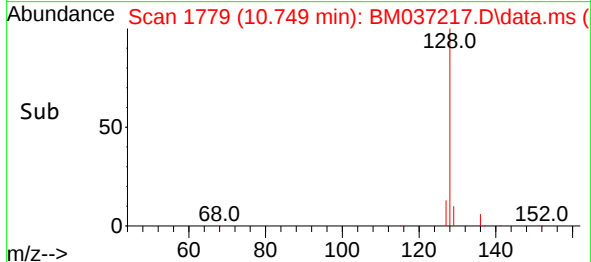
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



Tgt Ion:128 Resp: 1718
Ion Ratio Lower Upper
128 100
129 17.0 9.3 13.9
127 17.3 10.5 15.7

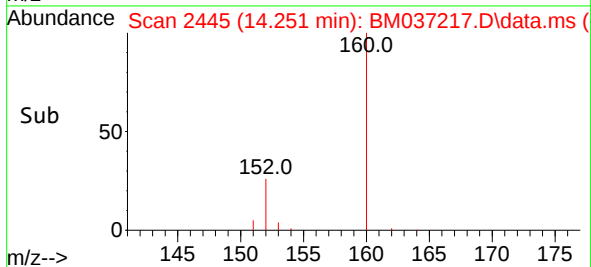
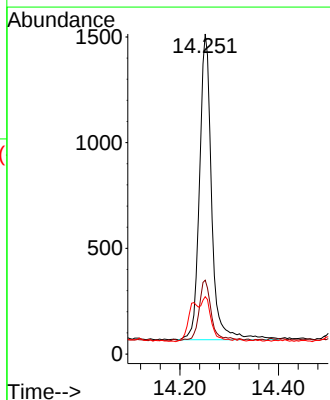
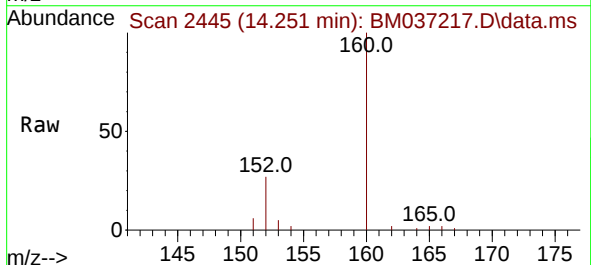
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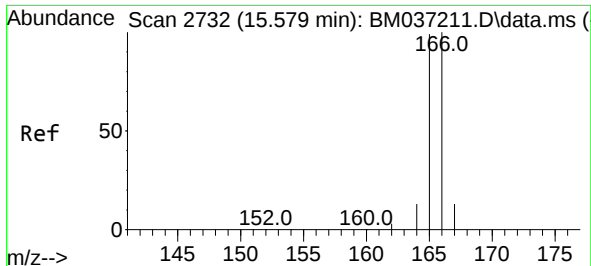
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.062 ng/uI
RT: 14.251 min Scan# 2445
Delta R.T. -0.001 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

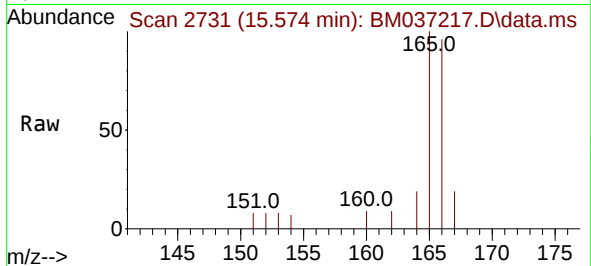
Tgt Ion:152 Resp: 2460
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.2
153 17.9 10.8 16.2#





#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.574 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

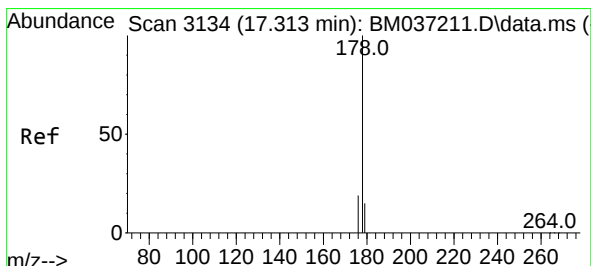
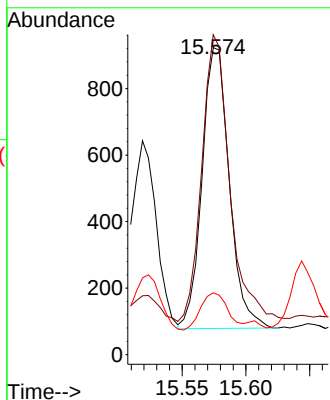
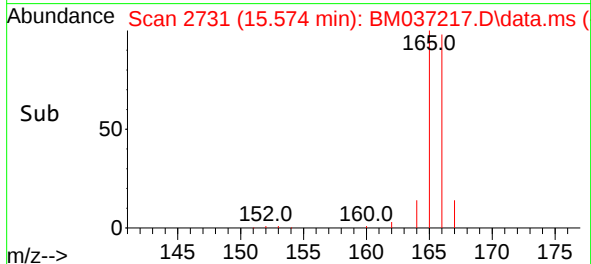
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



Tgt Ion:166 Resp: 1250
Ion Ratio Lower Upper
166 100
165 104.2 79.4 119.2
167 20.2 11.3 16.9

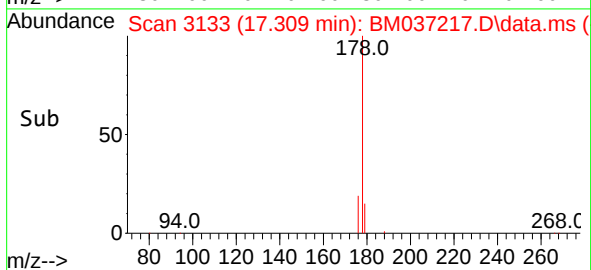
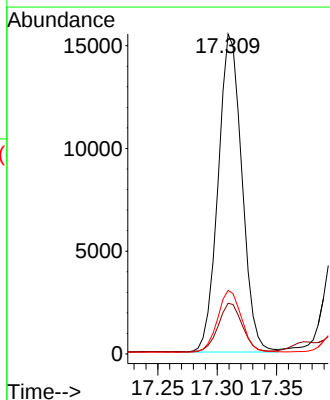
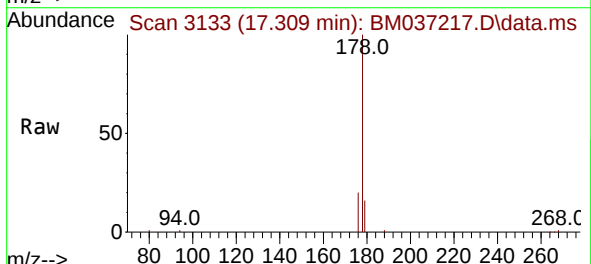
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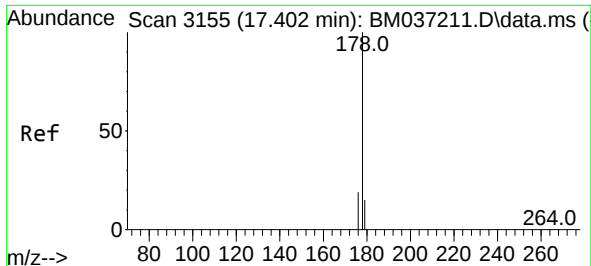
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.309 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

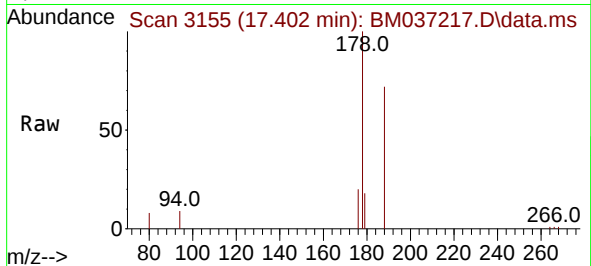
Tgt Ion:178 Resp: 21562
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.8 16.1 24.1





#16
 Anthracene
 Concen: 0.189 ng/ul
 RT: 17.402 min Scan# 3155
 Delta R.T. -0.001 min
 Lab File: BM037217.D
 Acq: 24 Oct 2022 23:48

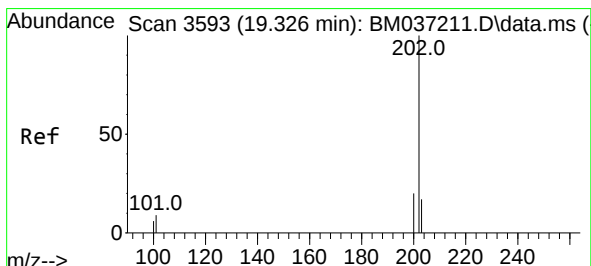
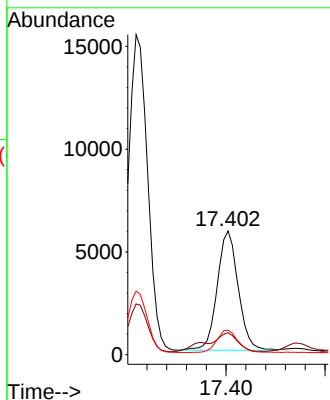
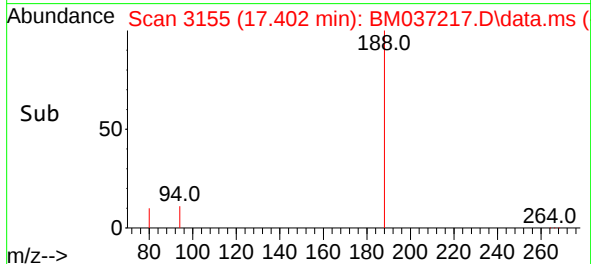
Instrument :
 BNA_M
 ClientSampleId :
 BGNM2DL



Tgt Ion:178 Resp: 8504
 Ion Ratio Lower Upper
 178 100
 179 17.8 13.1 19.7
 176 19.8 15.3 22.9

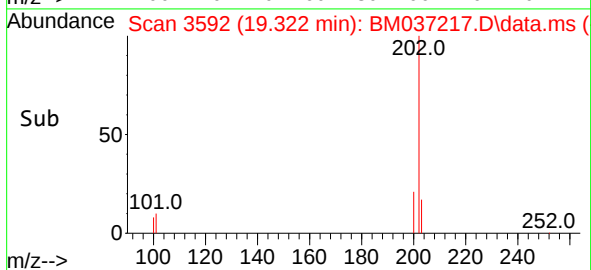
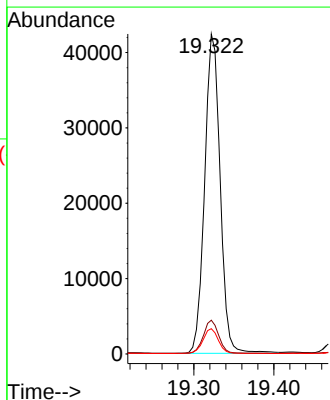
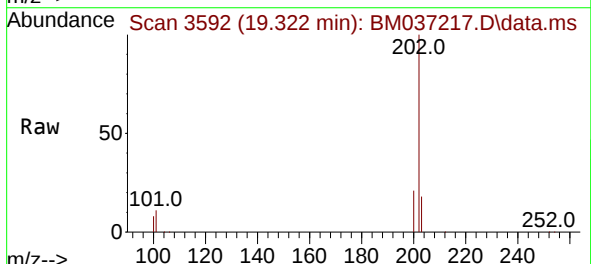
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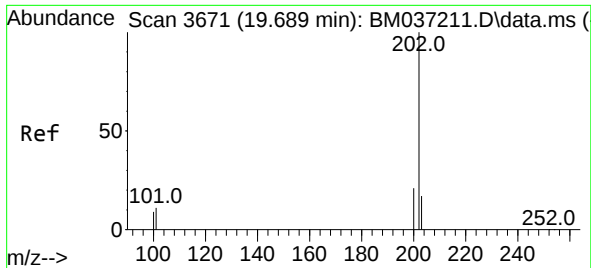
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 1.168 ng/ul
 RT: 19.322 min Scan# 3592
 Delta R.T. -0.005 min
 Lab File: BM037217.D
 Acq: 24 Oct 2022 23:48

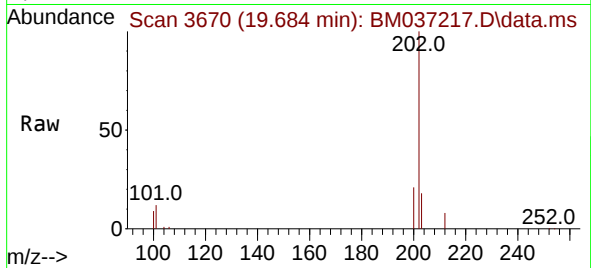
Tgt Ion:202 Resp: 57127
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.9 13.3
 100 7.9 6.9 10.3





#20
Pyrene
Concen: 1.071 ng/ul
RT: 19.684 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

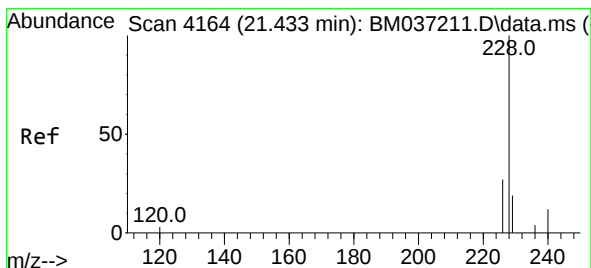
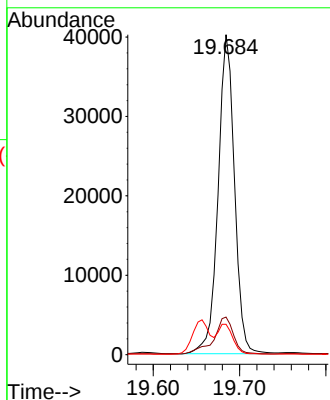
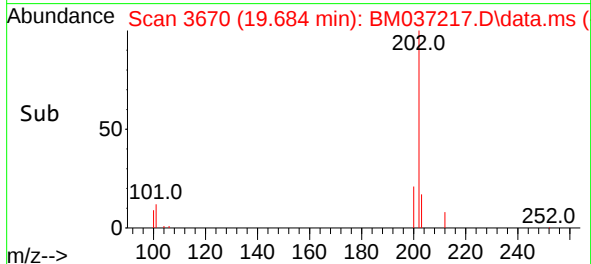
Instrument :
BNA_M
ClientSampleId :
BGNM2DL



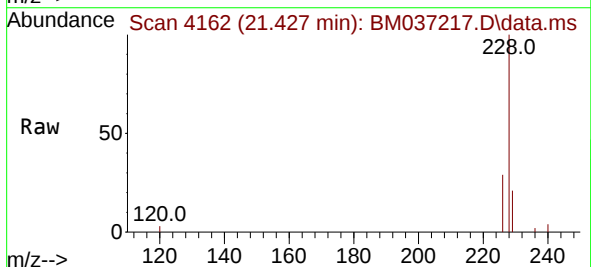
Tgt Ion:202 Resp: 5311
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.5 7.8 11.8

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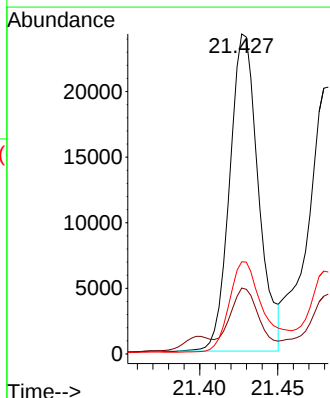
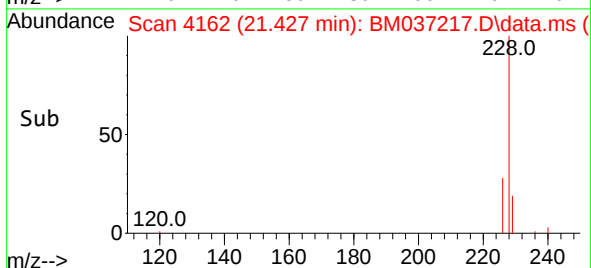
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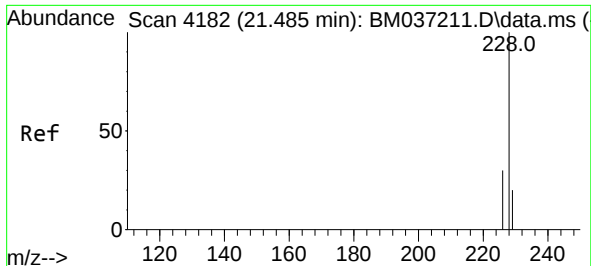


#21
Benzo(a)anthracene
Concen: 0.709 ng/ul
RT: 21.427 min Scan# 4162
Delta R.T. -0.005 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48



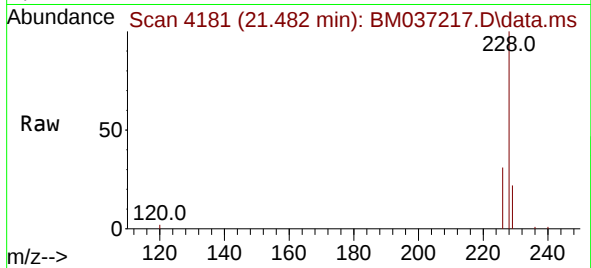
Tgt Ion:228 Resp: 30979
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 28.8 21.8 32.8





#22
Chrysene
Concen: 0.572 ng/u1
RT: 21.482 min Scan# 4182
Delta R.T. -0.002 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

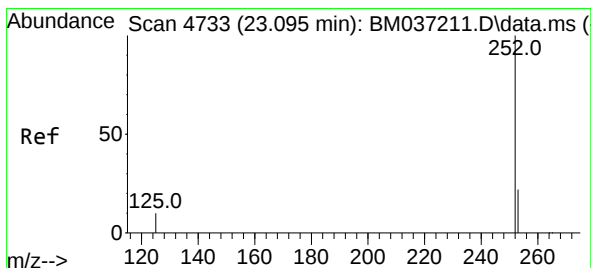
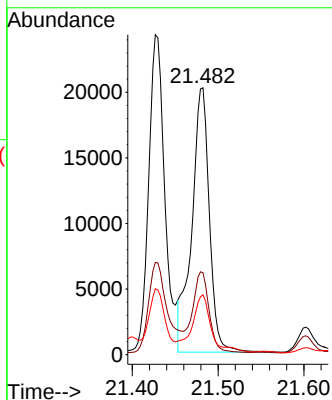
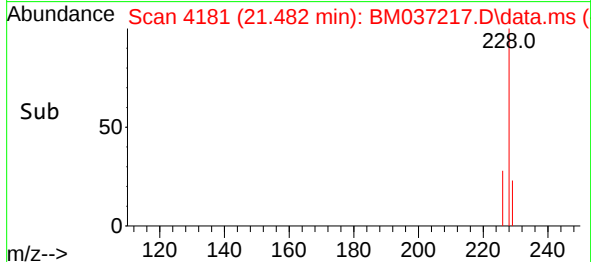
Instrument :
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Tgt Ion:228 Resp: 28785
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.4 16.0 24.0

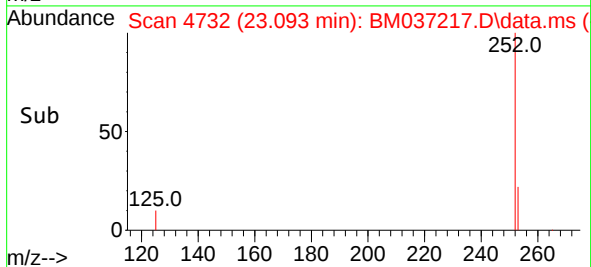
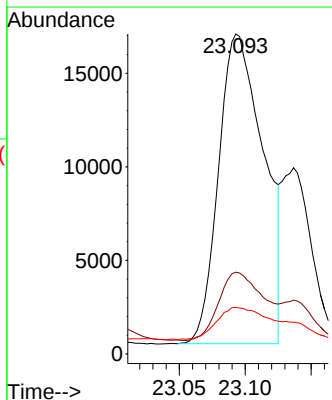
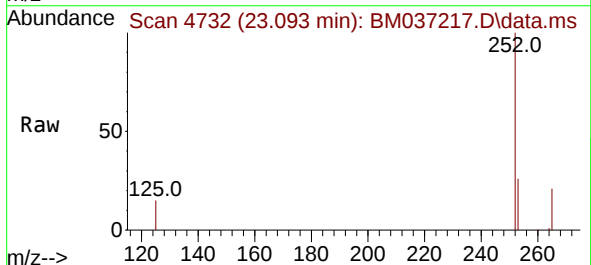
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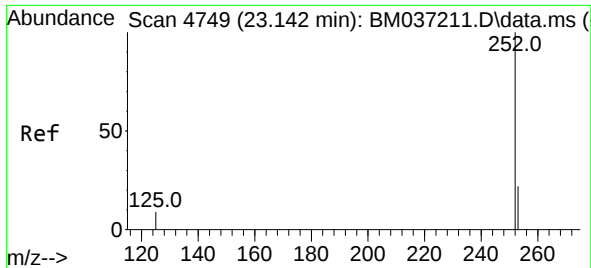
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 0.719 ng/u1
RT: 23.093 min Scan# 4732
Delta R.T. -0.002 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

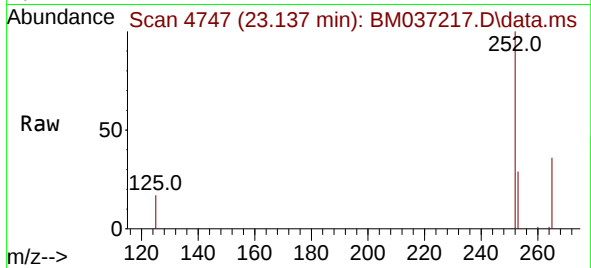
Tgt Ion:252 Resp: 39220
Ion Ratio Lower Upper
252 100
253 25.6 0.0 50.6
125 14.6 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 0.277 ng/ul m
RT: 23.137 min Scan# 4749
Delta R.T. -0.008 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

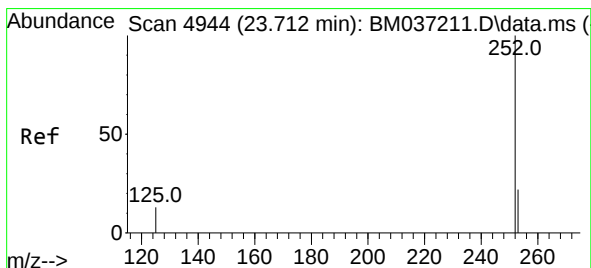
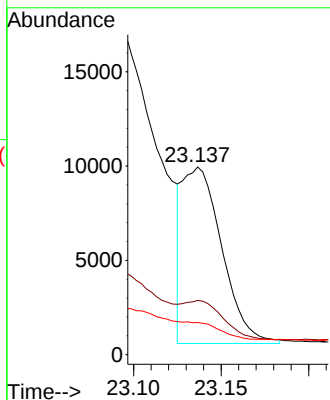
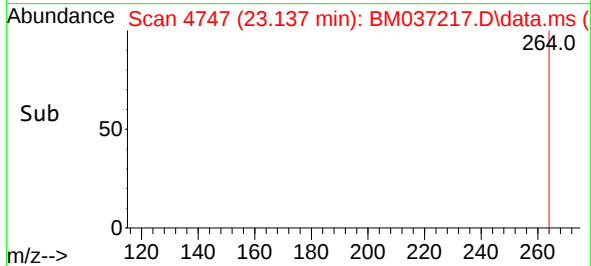
Instrument :
BNA_M
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BGNM2DL



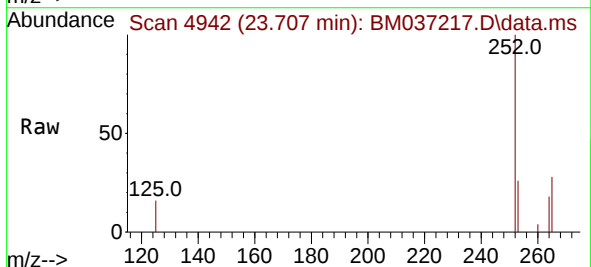
Tgt Ion:252 Resp: 14612
Ion Ratio Lower Upper
252 100
253 28.9 20.6 30.8
125 17.1 13.3 19.9

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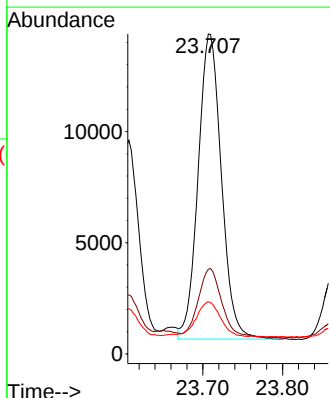
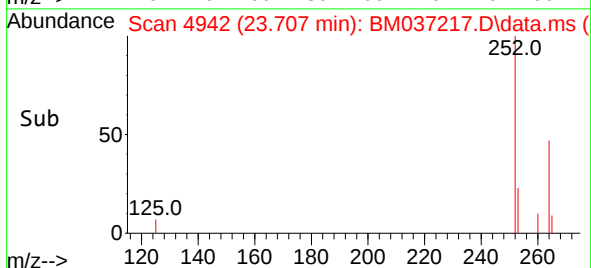
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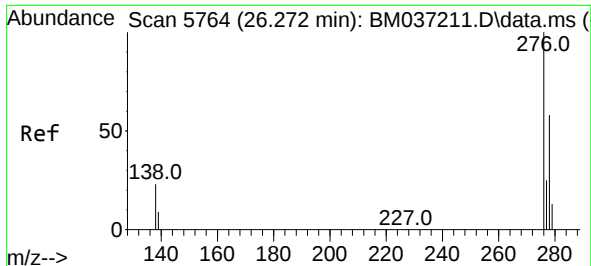


#26
Benzo(a)pyrene
Concen: 0.635 ng/ul
RT: 23.707 min Scan# 4942
Delta R.T. -0.005 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48



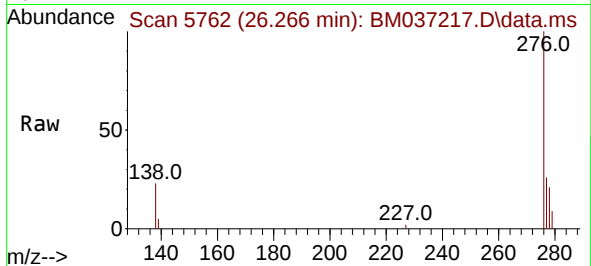
Tgt Ion:252 Resp: 27811
Ion Ratio Lower Upper
252 100
253 26.5 22.1 33.1
125 16.3 17.6 26.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.266 min Scan# 5762
Delta R.T. -0.009 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48

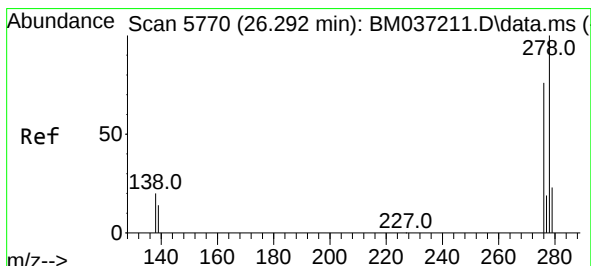
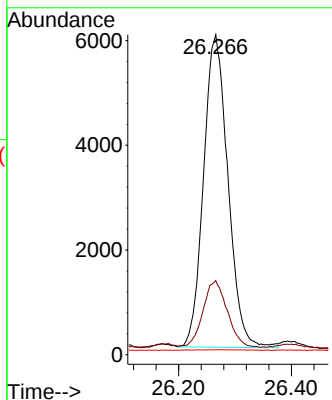
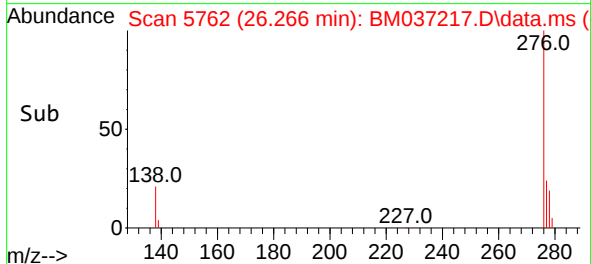
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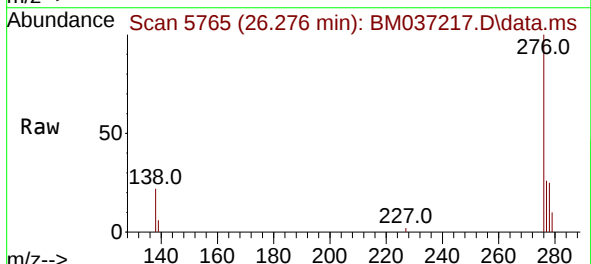
Tgt Ion: 276 Resp: 1791
Ion Ratio Lower Upper
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138 21.3 21.4 32.0#
227 0.0 0.1 0.1#

Manual Integrations
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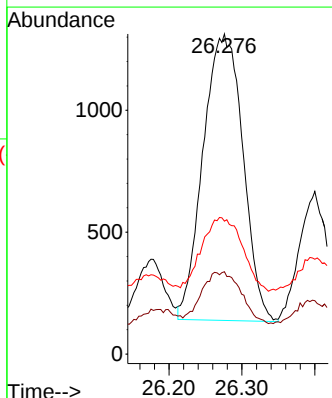
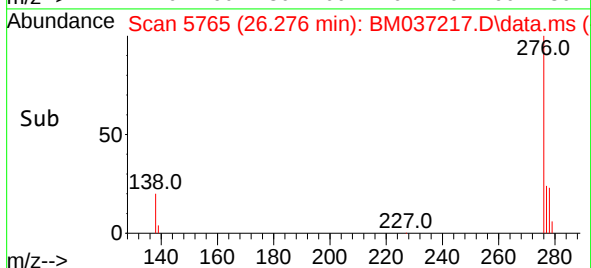
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

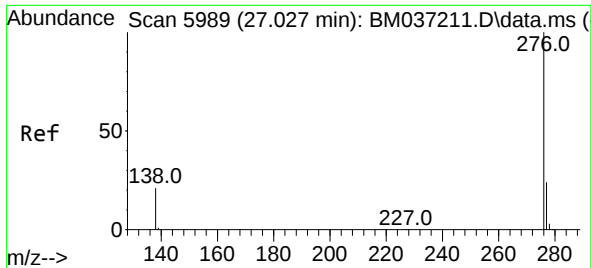


#28
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.016 min
Lab File: BM037217.D
Acq: 24 Oct 2022 23:48



Tgt Ion: 278 Resp: 4457
Ion Ratio Lower Upper
278 100
139 25.7 16.3 24.5#
279 41.5 21.5 32.3#





#29

Benzo(g,h,i)perylene

Concen: 0.250 ng/ul

RT: 27.024 min Scan# 5988

Delta R.T. -0.002 min

Lab File: BM037217.D

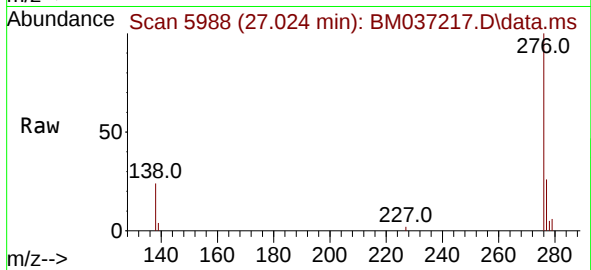
Acq: 24 Oct 2022 23:48

Instrument :

BNA_M

ClientSampleId :

BGNM2DL



Tgt Ion:276 Resp: 13464

Ion Ratio Lower Upper

276 100

138 23.7 19.8 29.8

277 25.7 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022

Supervised By :mohammad ahmed 10/27/2022

