

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044146.D
 Acq On : 16 Feb 2024 20:00
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 16 22:40:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	9230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	31248	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.543	164	16399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	32050m	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	14522m	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	18595m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	65308	4.996	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	14709	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	24240m	0.559	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.749	128	7728	0.083	ng/ul#	90
7) 2-Methylnaphthalene	12.365	142	4386	0.077	ng/ul	94
8) 1-Methylnaphthalene	12.585	142	4932	0.085	ng/ul	93
10) Acenaphthylene	14.265	152	10461	0.116	ng/ul#	89
11) Acenaphthene	14.603	153	71800	1.099	ng/ul	99
12) Fluorene	15.593	166	59734	0.811	ng/ul	97
14) Pentachlorophenol	16.942	266	462	0.040	ng/ul	96
15) Phenanthrene	17.339	178	2229775m	21.952	ng/ul	
16) Anthracene	17.427	178	382458	3.806	ng/ul	99
19) Fluoranthene	19.363	202	6173288m	93.244	ng/ul	
20) Pyrene	19.730	202	4970118	71.383	ng/ul	94
21) Benzo(a)anthracene	21.485	228	2781600m	41.825	ng/ul	
22) Chrysene	21.537	228	2830716m	39.478	ng/ul	
24) Benzo(b)fluoranthene	23.171	252	3232577m	42.125	ng/ul	
25) Benzo(k)fluoranthene	23.215	252	1147202m	13.771	ng/ul	
26) Benzo(a)pyrene	23.788	252	1232405m	17.278	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.369	276	903909m	9.953	ng/ul	
28) Dibenzo(a,h)anthracene	26.386	278	314181m	4.394	ng/ul	
29) Benzo(g,h,i)perylene	27.127	276	74832m	0.932	ng/ul	

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

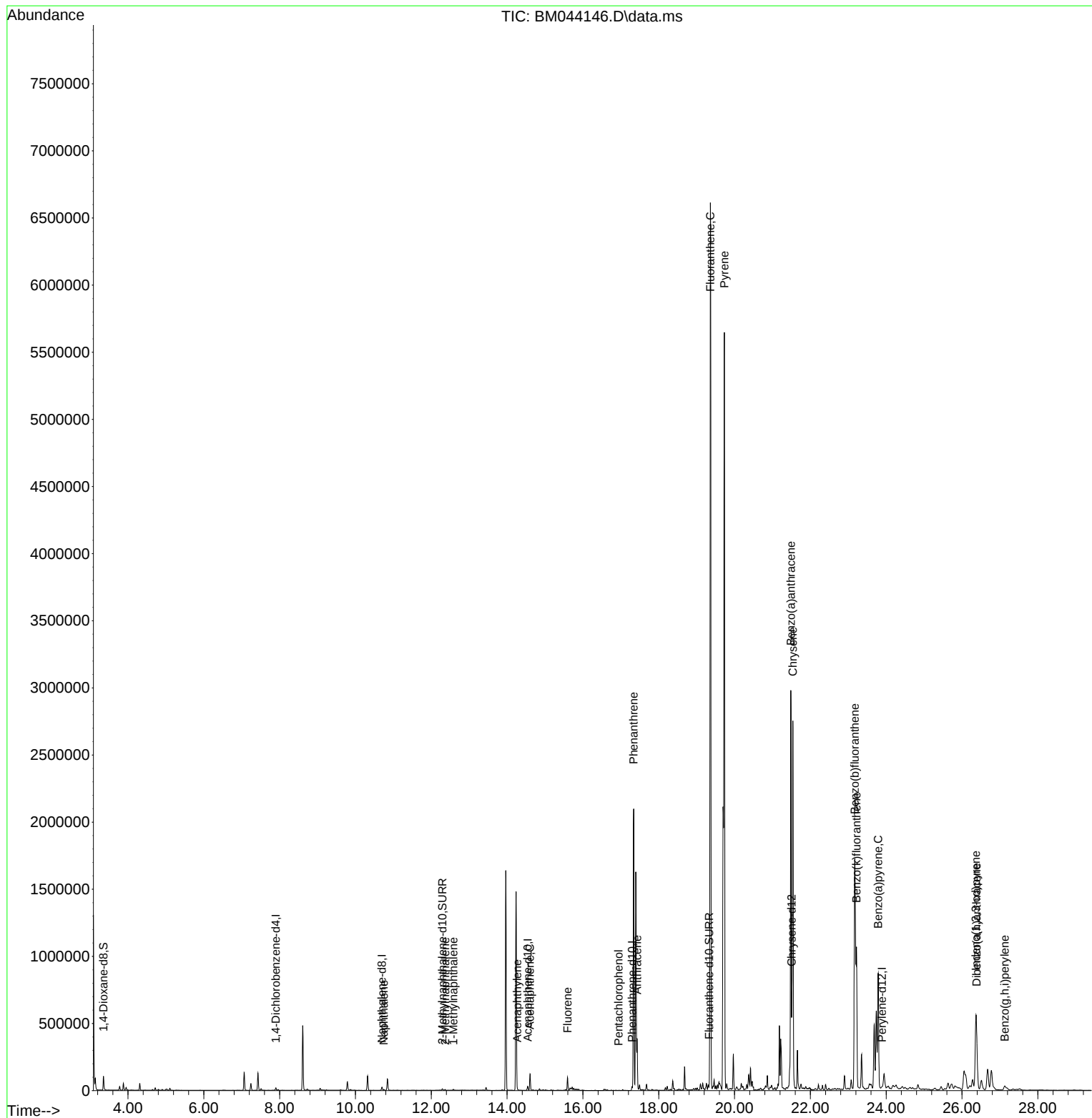
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044146.D
Acq On : 16 Feb 2024 20:00
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

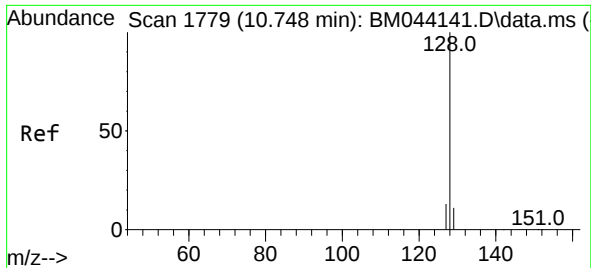
Instrument :
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Supervised By :mohammad ahmed 02/19/2024

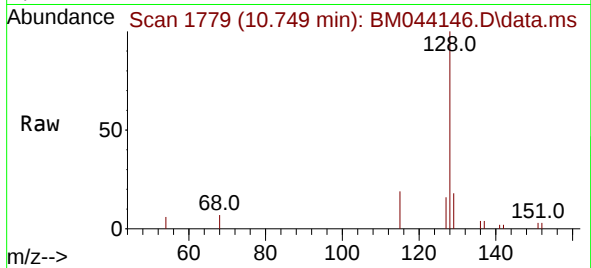
Quant Time: Feb 16 22:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.083 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

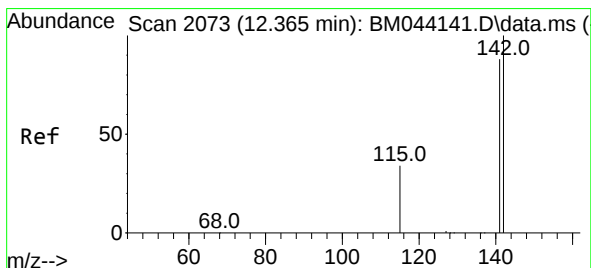
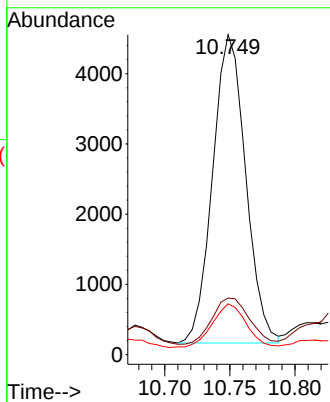
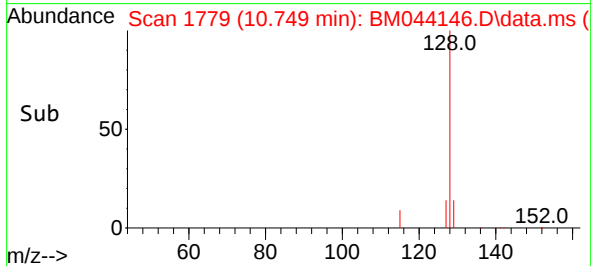
Instrument :
BNA_M
ClientSampleId :
C0FN3



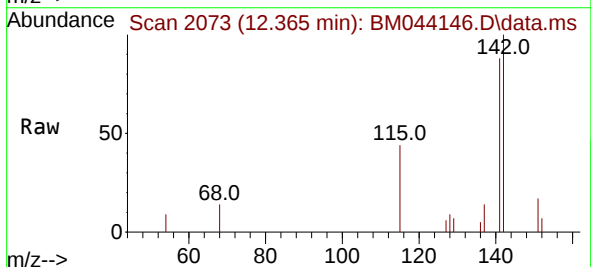
Tgt Ion:128 Resp: 7728
Ion Ratio Lower Upper
128 100
129 17.7 9.5 14.3
127 15.9 10.7 16.1

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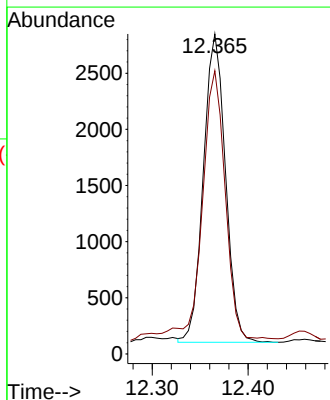
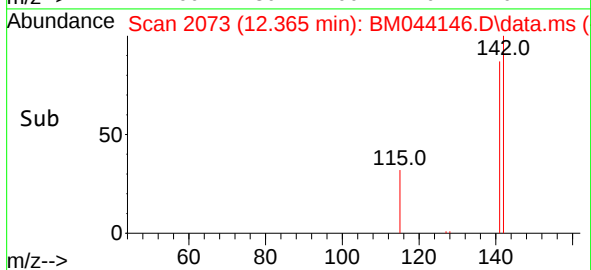
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

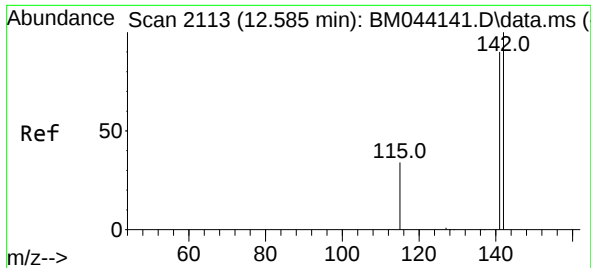


#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00



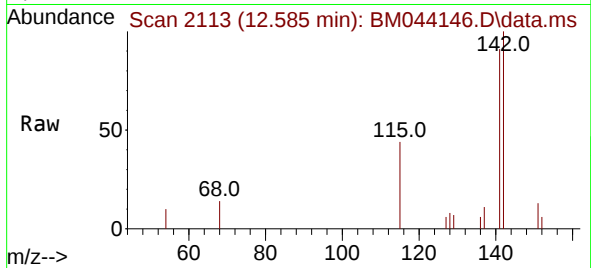
Tgt Ion:142 Resp: 4386
Ion Ratio Lower Upper
142 100
141 93.4 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

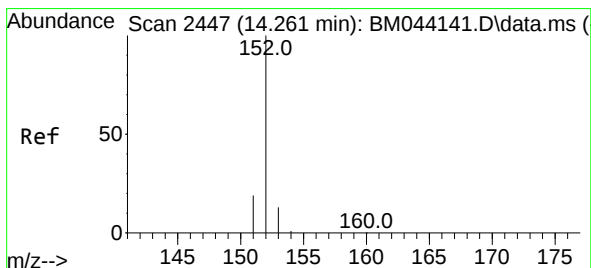
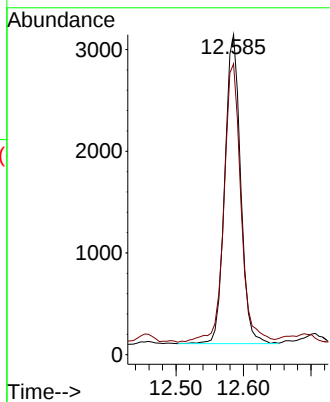
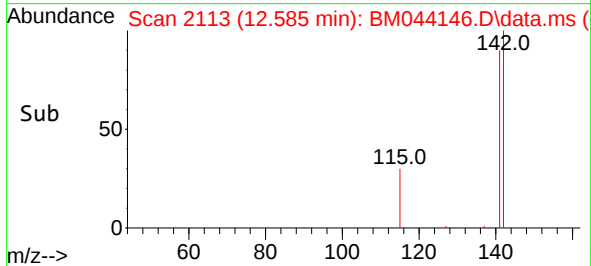
Instrument :
BNA_M
ClientSampleId :
COFN3



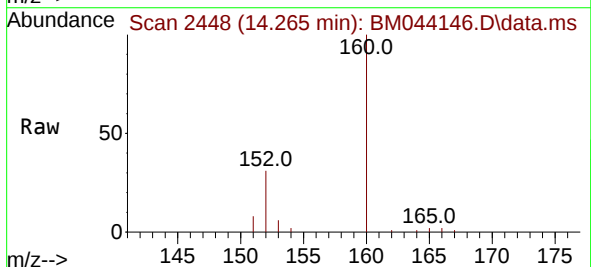
Tgt Ion:142 Resp: 4932
Ion Ratio Lower Upper
142 100
141 96.9 72.5 108.7

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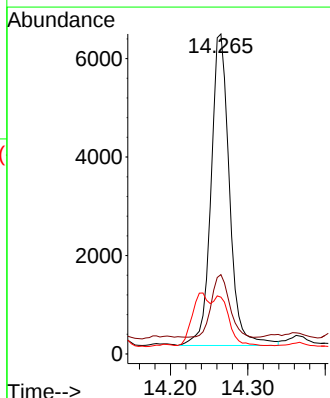
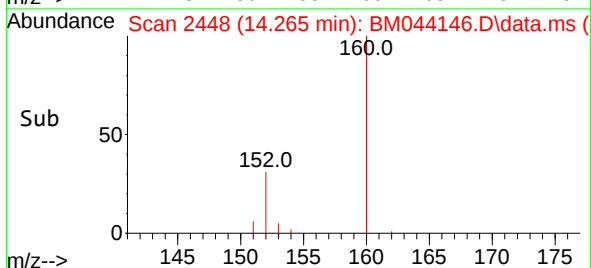
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

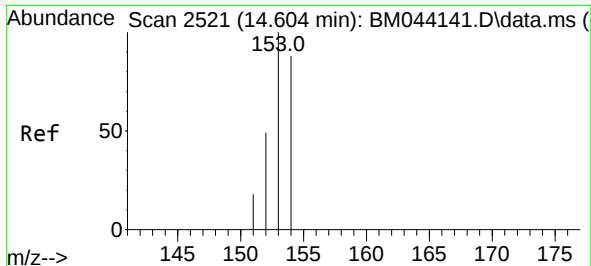


#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00



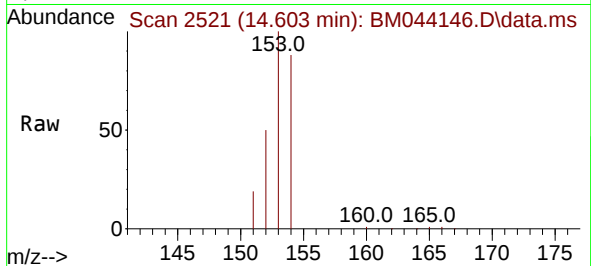
Tgt Ion:152 Resp: 10461
Ion Ratio Lower Upper
152 100
151 24.8 15.5 23.3#
153 17.7 10.8 16.2#





#11
Acenaphthene
Concen: 1.099 ng/ul
RT: 14.603 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

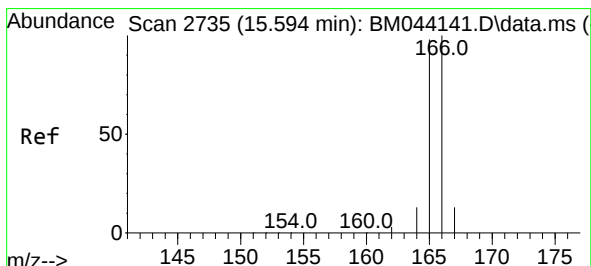
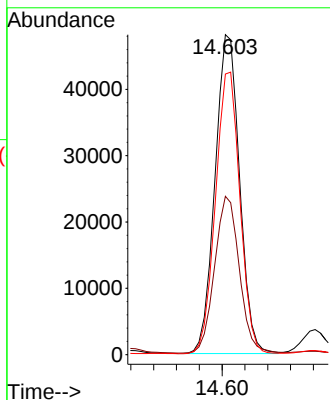
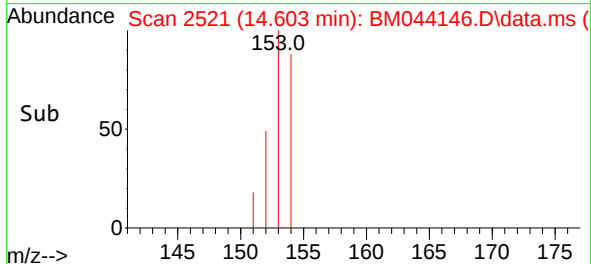
Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:153 Resp: 71800
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 87.7 70.1 105.1

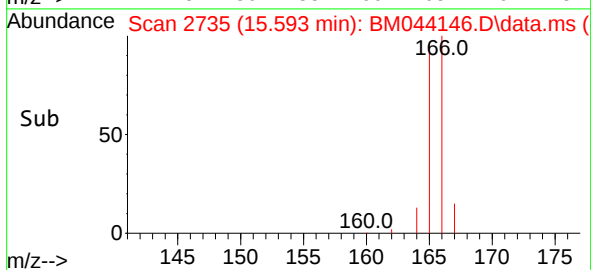
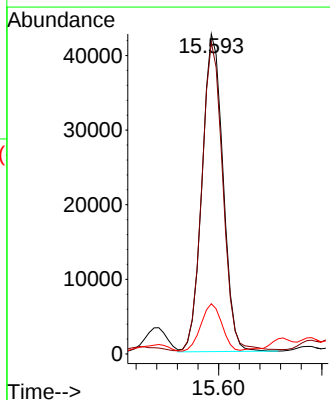
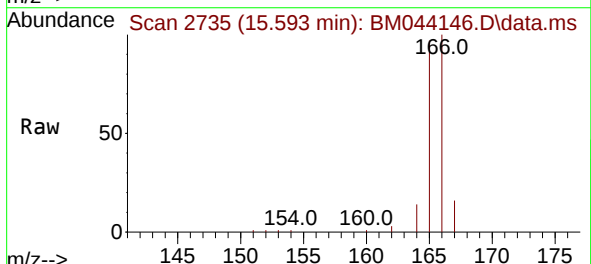
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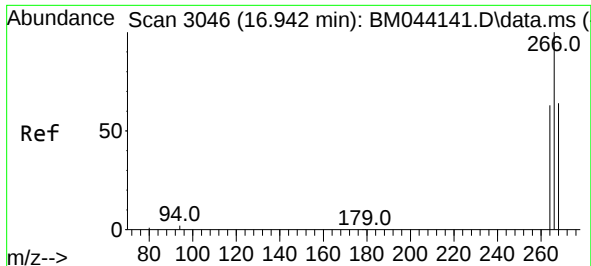
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#12
Fluorene
Concen: 0.811 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

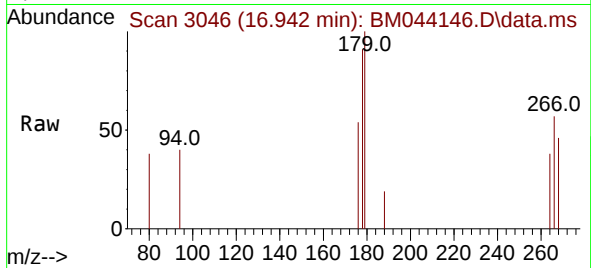
Tgt Ion:166 Resp: 59734
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.6
167 15.7 11.1 16.7





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

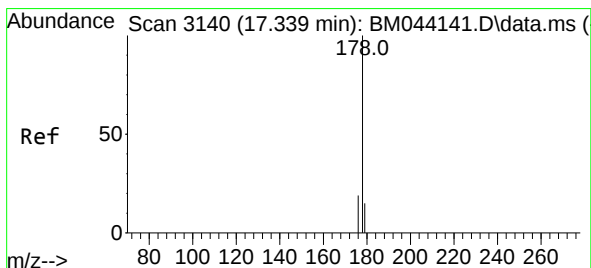
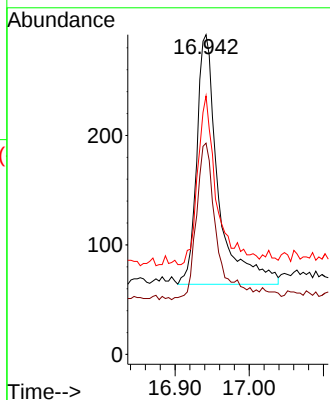
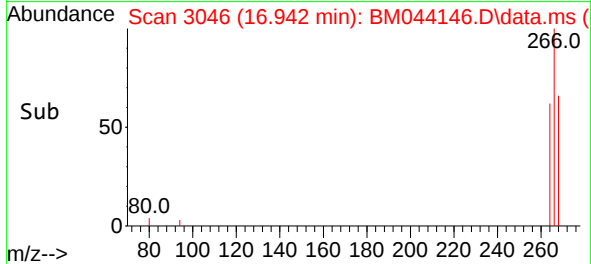
Instrument :
BNA_M
ClientSampleId :
COFN3



Tgt Ion:266 Resp: 462
Ion Ratio Lower Upper
266 100
264 61.9 49.4 74.0
268 59.3 52.1 78.1

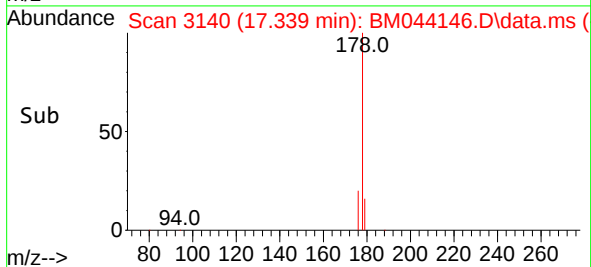
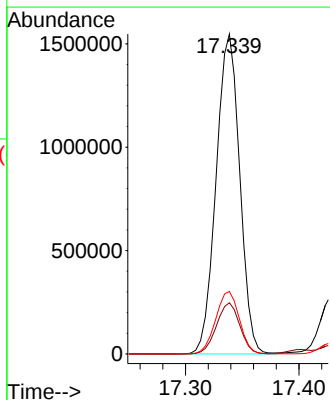
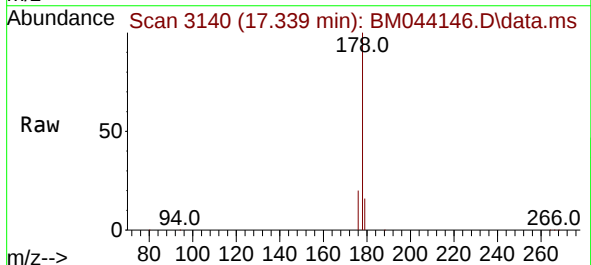
Manual Integrations
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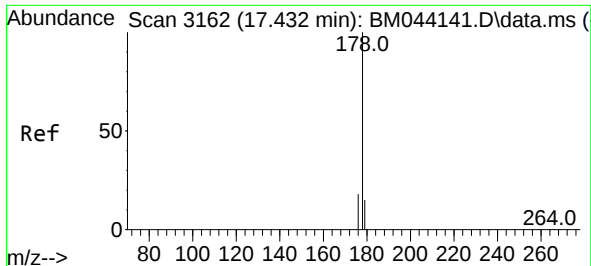
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 21.952 ng/ul m
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

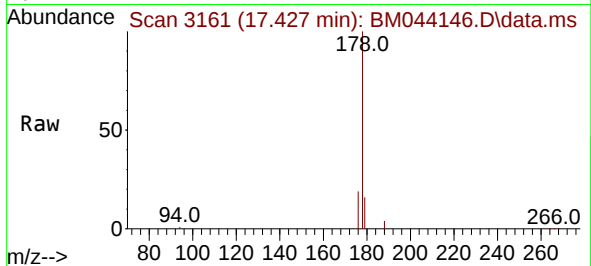
Tgt Ion:178 Resp: 2229775
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 16.0 24.0





#16
 Anthracene
 Concen: 3.806 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM044146.D
 Acq: 16 Feb 2024 20:00

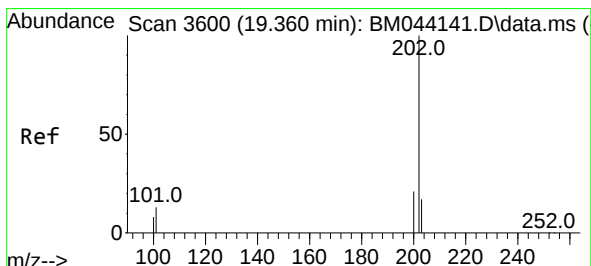
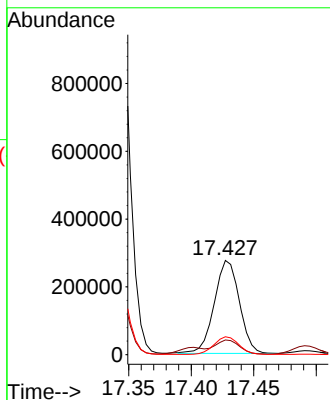
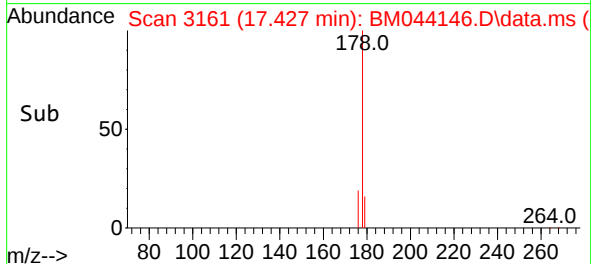
Instrument :
 BNA_M
 ClientSampleId :
 C0FN3



Tgt Ion:178 Resp: 382458
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.8 19.2
 176 19.0 15.3 22.9

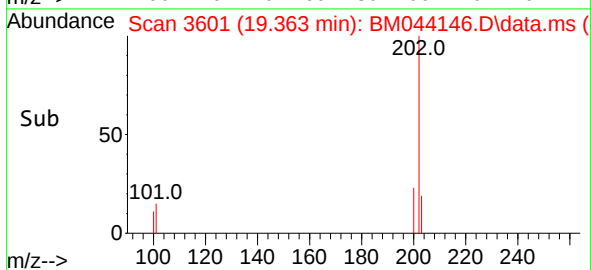
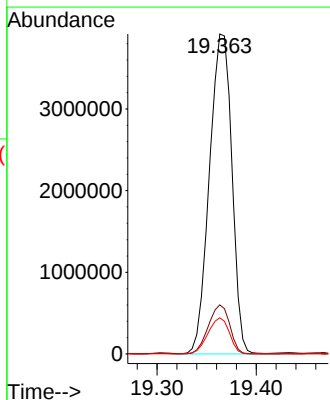
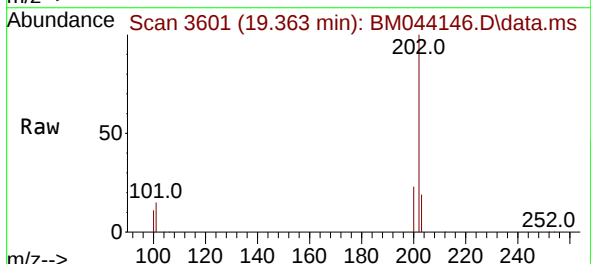
Manual Integrations
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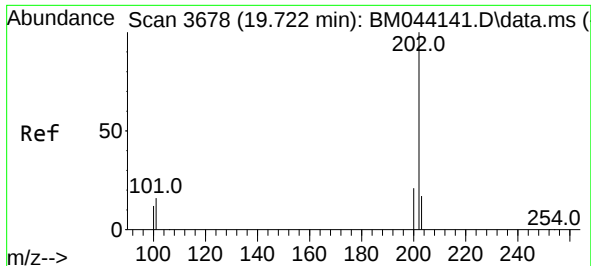
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



#19
 Fluoranthene
 Concen: 93.244 ng/ul m
 RT: 19.363 min Scan# 3601
 Delta R.T. -0.000 min
 Lab File: BM044146.D
 Acq: 16 Feb 2024 20:00

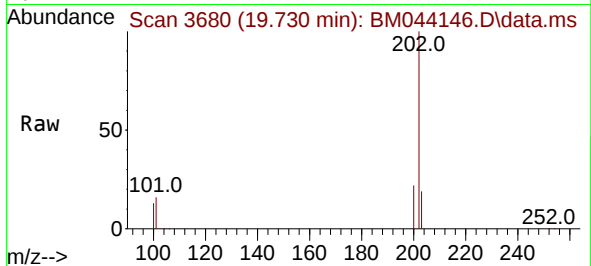
Tgt Ion:202 Resp: 6173288
 Ion Ratio Lower Upper
 202 100
 101 15.3 9.8 14.6#
 100 11.3 7.0 10.4#





#20
Pyrene
Concen: 71.383 ng/ul
RT: 19.730 min Scan# 3678
Delta R.T. 0.004 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

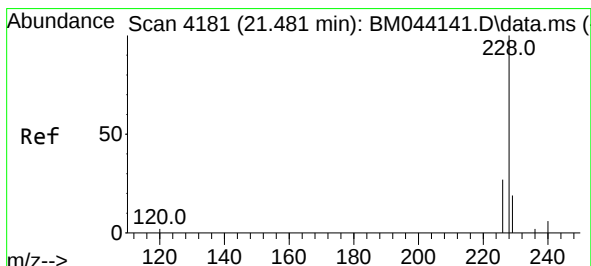
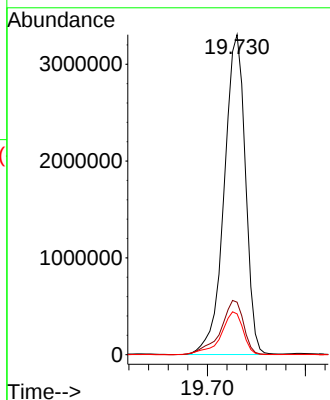
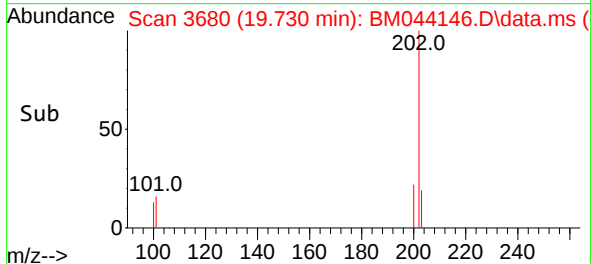
Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:202 Resp: 4970118
Ion Ratio Lower Upper
202 100
101 16.4 11.2 16.8
100 12.7 8.6 13.0

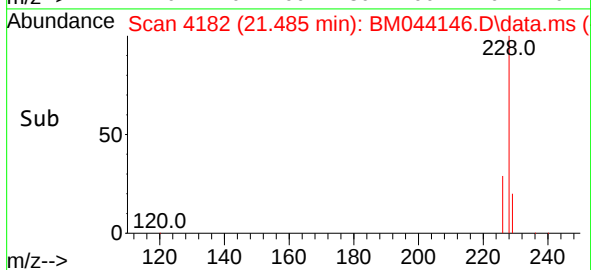
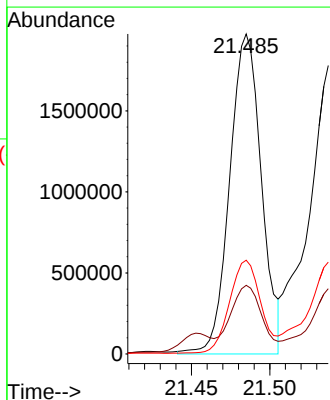
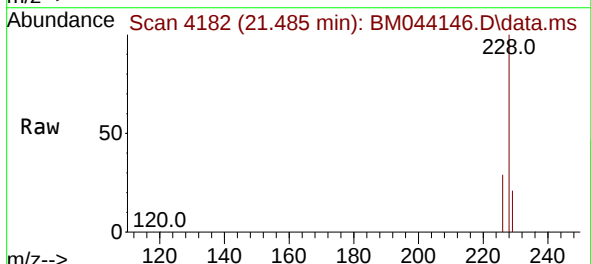
Manual Integrations
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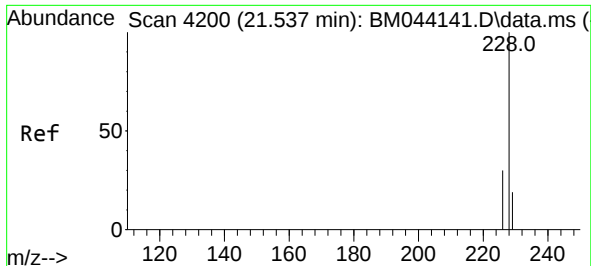
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#21
Benzo(a)anthracene
Concen: 41.825 ng/ul m
RT: 21.485 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

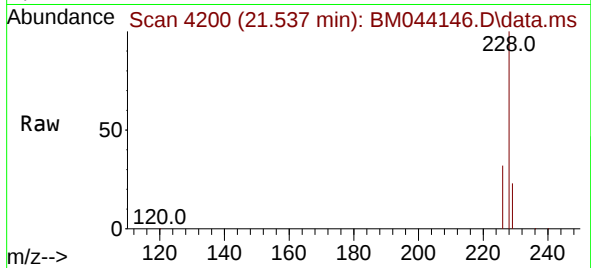
Tgt Ion:228 Resp: 2781600
Ion Ratio Lower Upper
228 100
229 21.4 15.4 23.2
226 29.3 22.1 33.1





#22
Chrysene
Concen: 39.478 ng/ul m
RT: 21.537 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

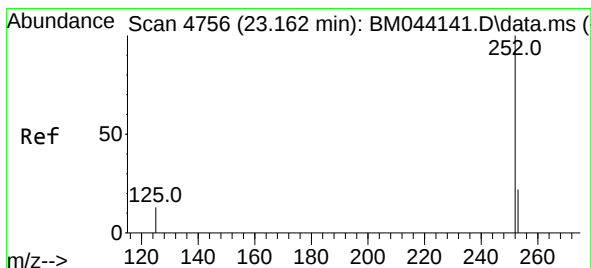
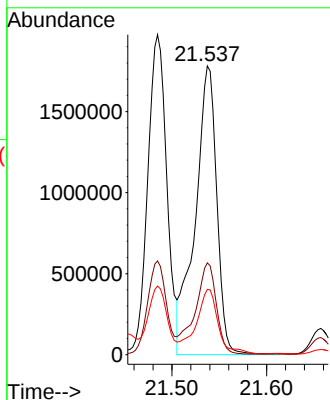
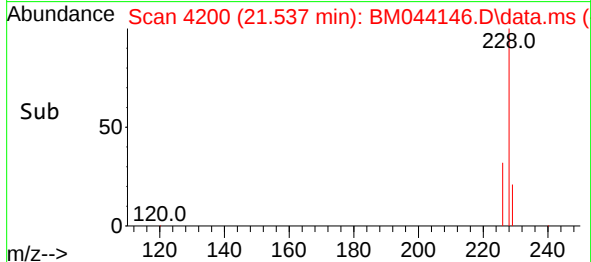
Instrument :
BNA_M
ClientSampleId :
C0FN3



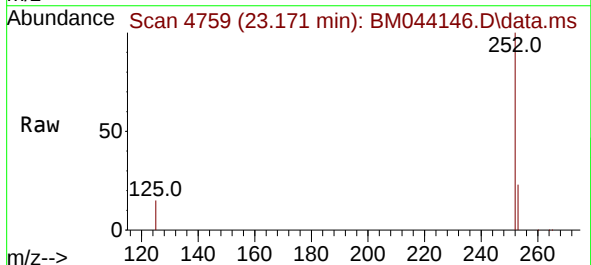
Tgt Ion:228 Resp: 2830710
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.2
229 22.6 15.8 23.6

Manual Integrations
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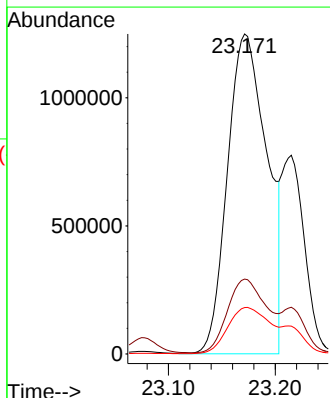
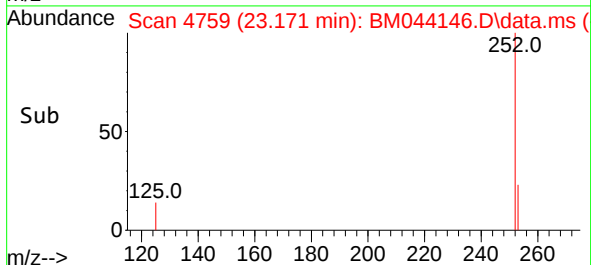
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

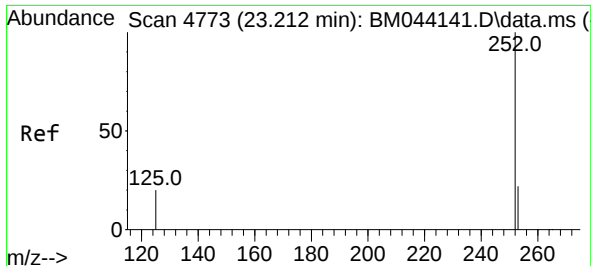


#24
Benzo(b)fluoranthene
Concen: 42.125 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. 0.009 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00



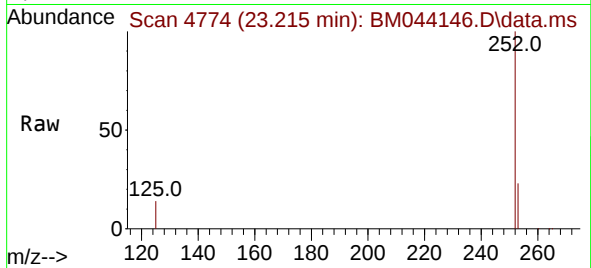
Tgt Ion:252 Resp: 3232577
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.0
125 14.5 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 13.771 ng/ul m
RT: 23.215 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

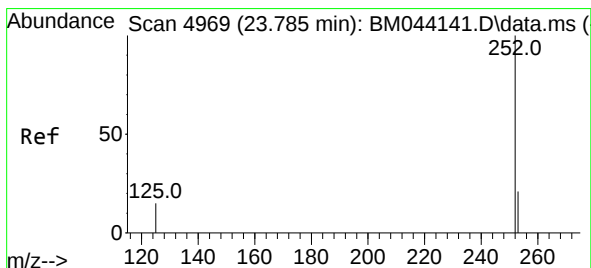
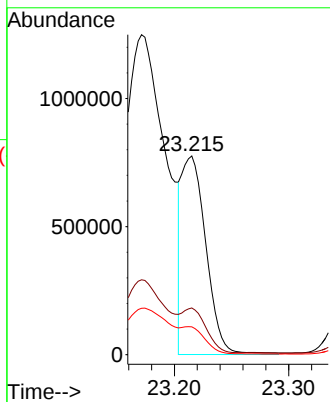
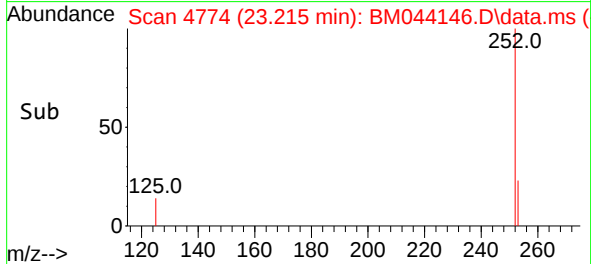
Instrument :
BNA_M
ClientSampleId :
C0FN3



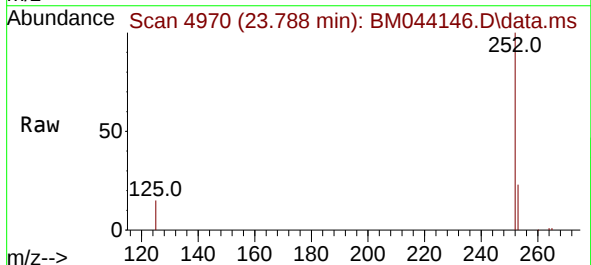
Tgt Ion:252 Resp: 114720
Ion Ratio Lower Upper
252 100
253 23.5 20.1 30.1
125 14.0 12.3 18.5

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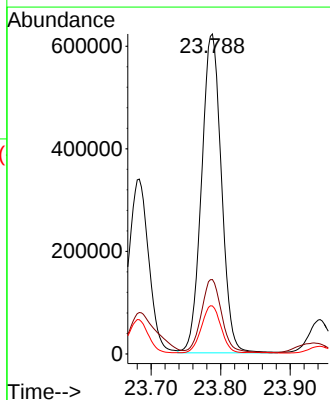
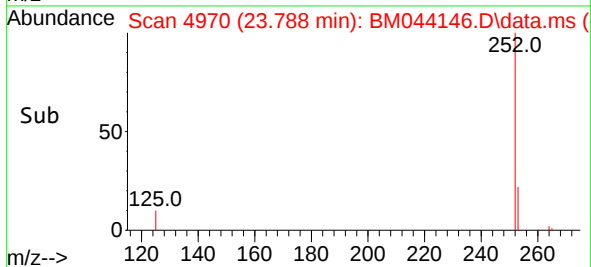
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

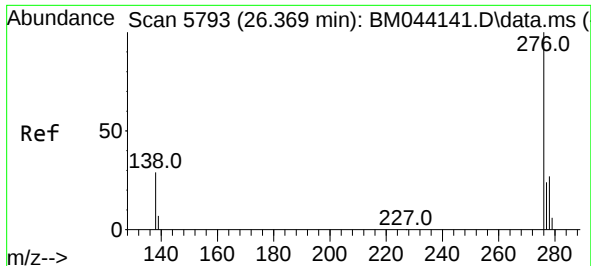


#26
Benzo(a)pyrene
Concen: 17.278 ng/ul m
RT: 23.788 min Scan# 4970
Delta R.T. 0.003 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00



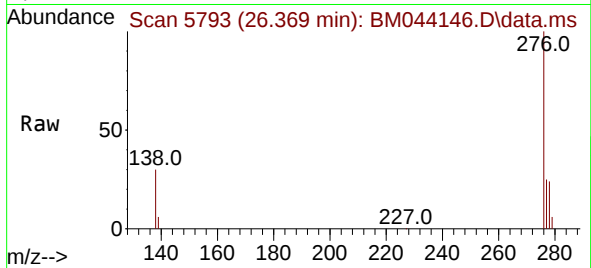
Tgt Ion:252 Resp: 1232405
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 15.0 13.3 19.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 9.953 ng/ul m
RT: 26.369 min Scan# 5793
Delta R.T. -0.000 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

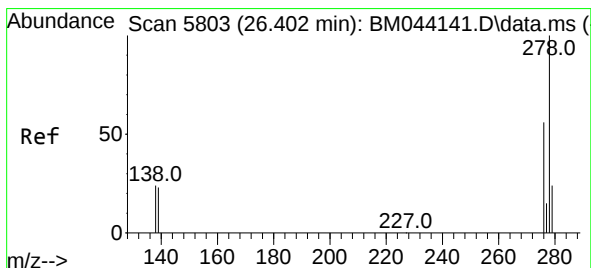
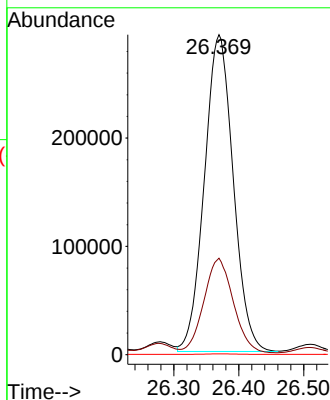
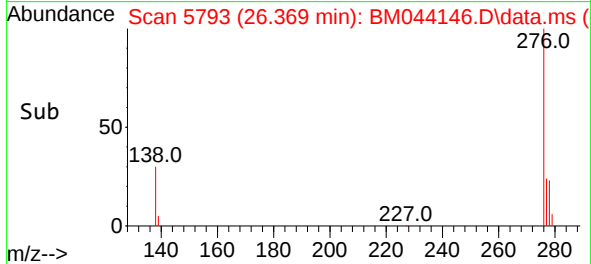
Instrument :
BNA_M
ClientSampleId :
COFN3



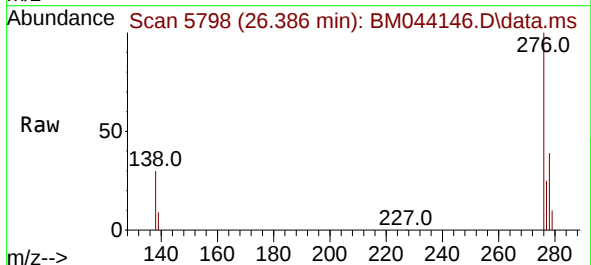
Tgt Ion:276 Resp: 903909
Ion Ratio Lower Upper
276 100
138 2.0 25.2 37.8
227 0.0 0.1 0.1

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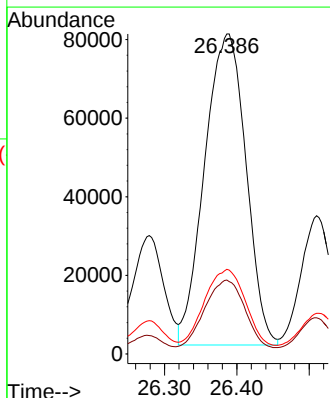
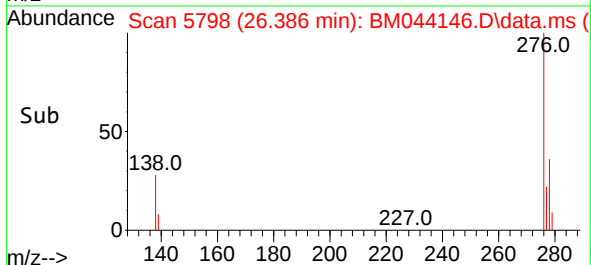
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

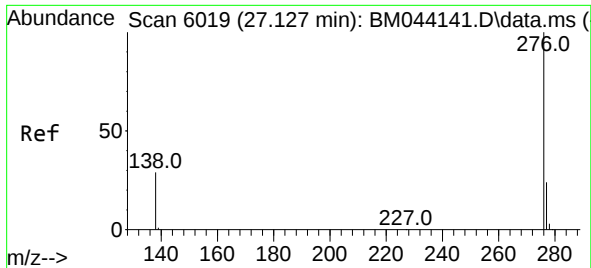


#28
Dibenzo(a,h)anthracene
Concen: 4.394 ng/ul m
RT: 26.386 min Scan# 5798
Delta R.T. -0.024 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00



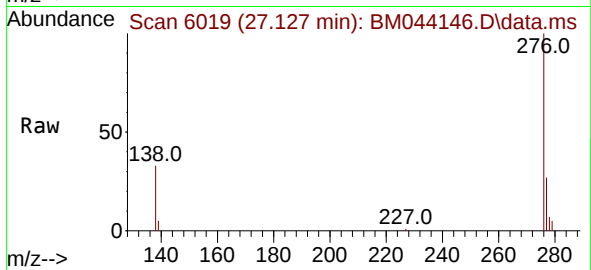
Tgt Ion:278 Resp: 314181
Ion Ratio Lower Upper
278 100
139 23.1 17.8 26.8
279 26.5 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.932 ng/ul m
RT: 27.127 min Scan# 6019
Delta R.T. -0.000 min
Lab File: BM044146.D
Acq: 16 Feb 2024 20:00

Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:276 Resp: 7483
Ion Ratio Lower Upper
276 100
138 32.6 22.7 34.1
277 27.5 19.0 28.6

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Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

