

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046123.D
 Acq On : 20 Jun 2024 15:07
 Operator : MA/JU
 Sample : P2710-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 16:03:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2655	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	7721	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.077	164	4203	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	8609m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	6742m	0.400	ng/ul	-0.02
23) Perylene-d12	23.116	264	7493m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10791	2.962	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.838	152	1931	0.186	ng/ul	-0.03
18) Fluoranthene-d10	18.854	212	4259	0.211	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.794	152	1243	0.062	ng/ul#	83
11) Acenaphthene	14.137	153	291	0.020	ng/ul#	93
12) Fluorene	15.127	166	407	0.026	ng/ul#	94
15) Phenanthrene	16.858	178	7504m	0.310	ng/ul	
16) Anthracene	16.951	178	1893m	0.105	ng/ul	
19) Fluoranthene	18.881	202	19182	0.657	ng/ul	99
20) Pyrene	19.244	202	18217	0.577	ng/ul	98
21) Benzo(a)anthracene	21.009	228	8803	0.338	ng/ul	94
22) Chrysene	21.058	228	9526	0.287	ng/ul	98
24) Benzo(b)fluoranthene	22.499	252	14699m	0.544	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	6734m	0.210	ng/ul	
26) Benzo(a)pyrene	23.022	252	9981	0.399	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.172	276	8738	0.213	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.172	278	1853	0.061	ng/ul#	46
29) Benzo(g,h,i)perylene	25.792	276	9274	0.264	ng/ul	97

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

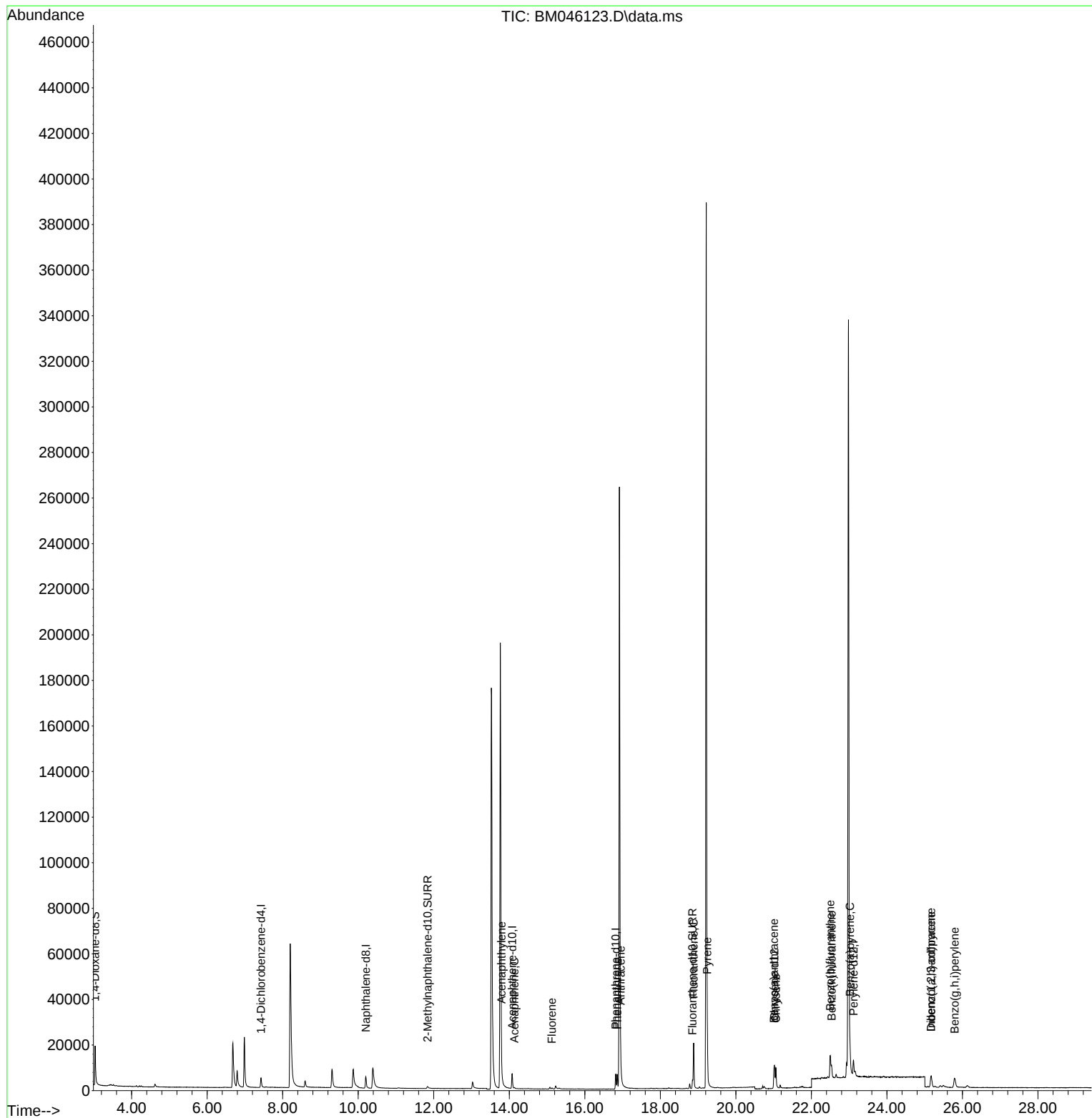
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
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Sample : P2710-10
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ALS Vial : 12 Sample Multiplier: 1

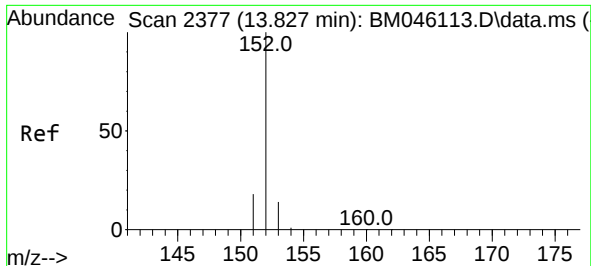
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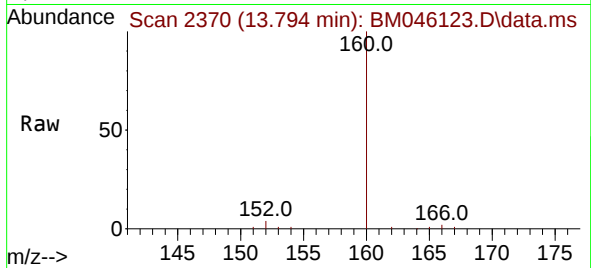
Quant Time: Jun 20 16:03:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 13.794 min Scan# 21
Delta R.T. -0.040 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

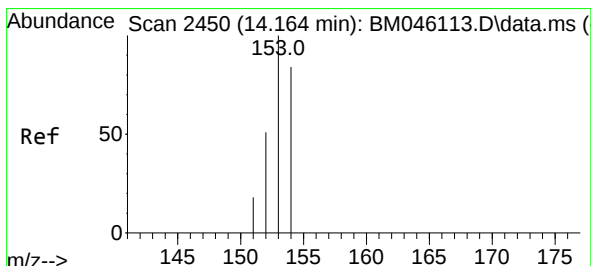
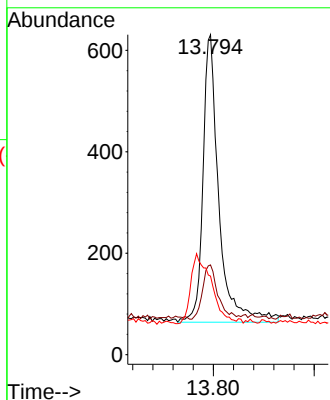
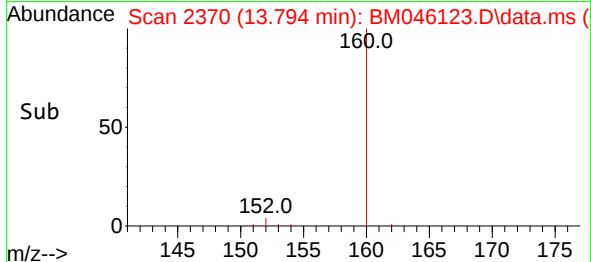
Instrument :
BNA_M
ClientSampleId :
A4BL9



Tgt Ion:152 Resp: 124
Ion Ratio Lower Upper
152 100
151 28.1 17.4 26.2
153 24.6 11.8 17.8

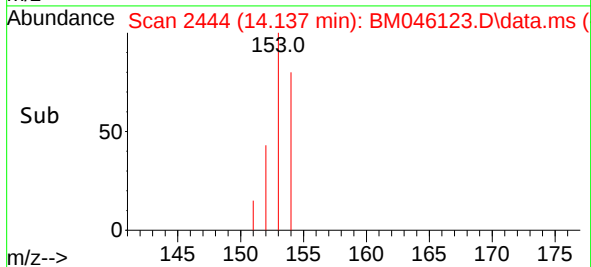
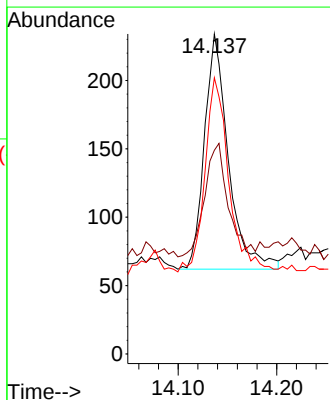
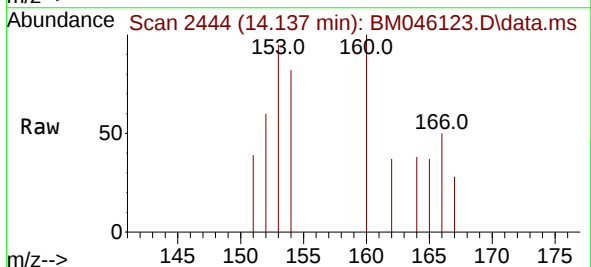
Manual Integrations
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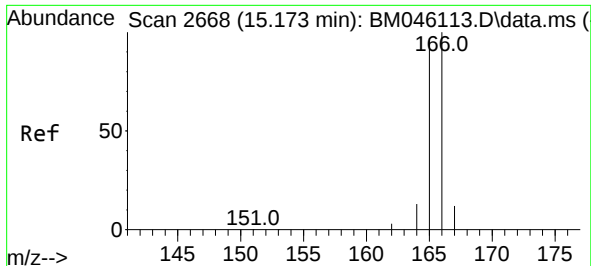
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.137 min Scan# 2444
Delta R.T. -0.036 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

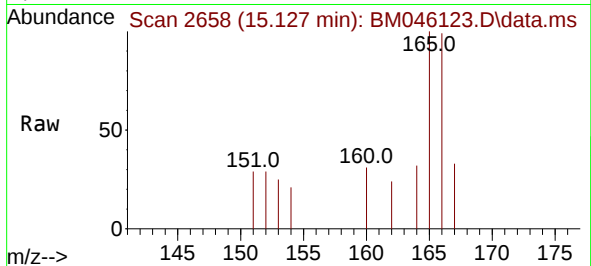
Tgt Ion:153 Resp: 291
Ion Ratio Lower Upper
153 100
152 63.7 41.3 61.9
154 86.3 68.2 102.4





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.127 min Scan# 20
Delta R.T. -0.054 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

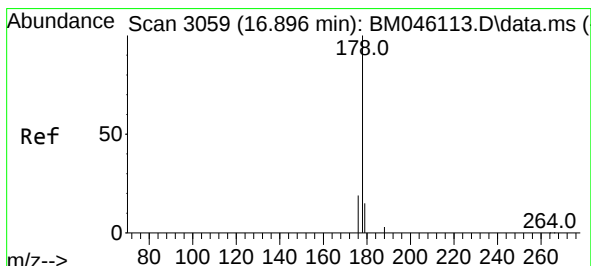
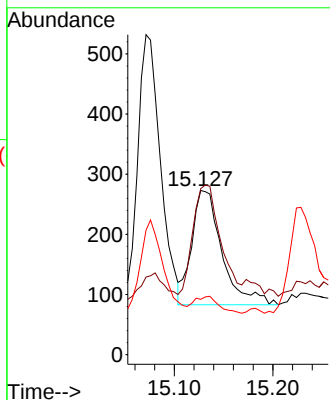
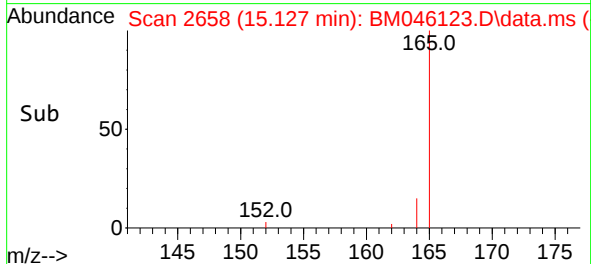
Instrument :
BNA_M
ClientSampleId :
A4BL9



Tgt Ion:166 Resp: 40
Ion Ratio Lower Upper
166 100
165 101.1 80.4 120.6
167 33.7 12.4 18.6

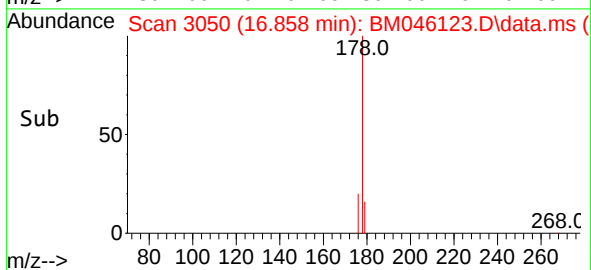
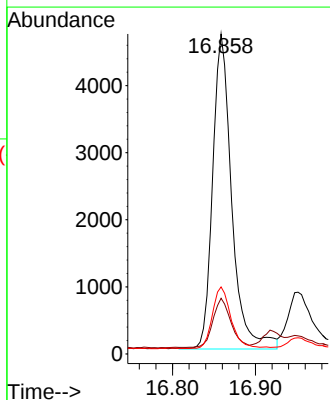
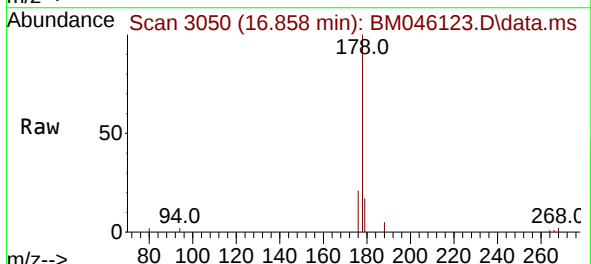
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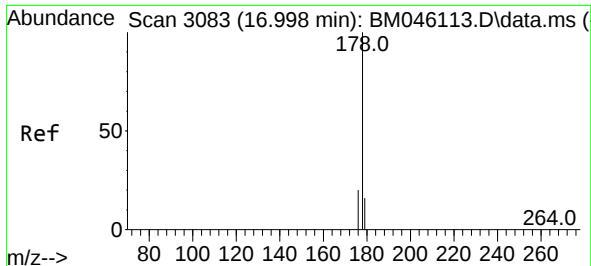
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#15
Phenanthrene
Concen: 0.310 ng/ul m
RT: 16.858 min Scan# 3050
Delta R.T. -0.045 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

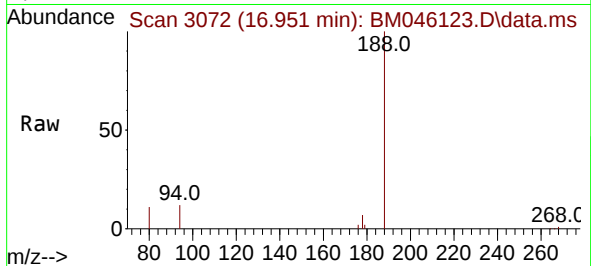
Tgt Ion:178 Resp: 7504
Ion Ratio Lower Upper
178 100
179 17.4 14.2 21.2
176 20.9 17.1 25.7





#16
 Anthracene
 Concen: 0.105 ng/ul m
 RT: 16.951 min Scan# 3083
 Delta R.T. -0.053 min
 Lab File: BM046123.D
 Acq: 20 Jun 2024 15:07

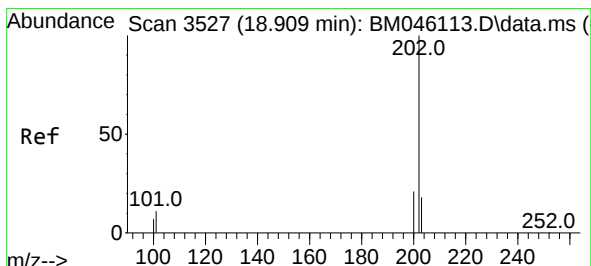
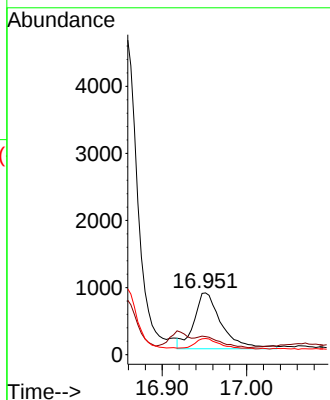
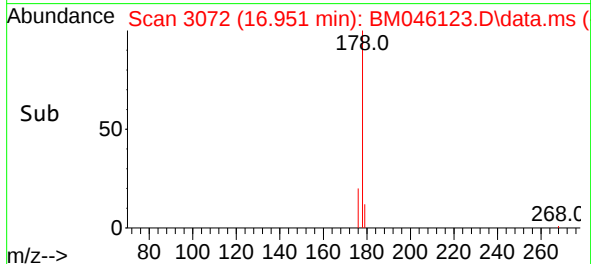
Instrument :
 BNA_M
 ClientSampleId :
 A4BL9



Tgt Ion:178 Resp: 189
 Ion Ratio Lower Upper
 178 100
 179 29.2 14.9 22.3
 176 26.2 17.0 25.4

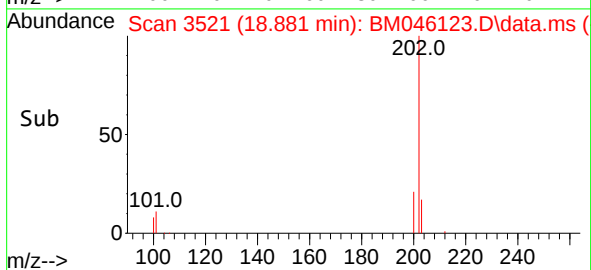
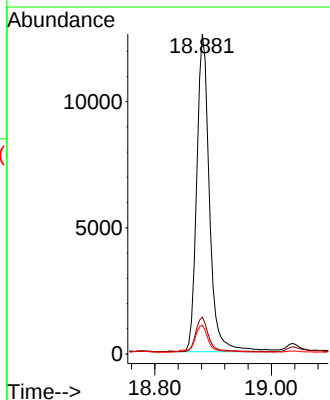
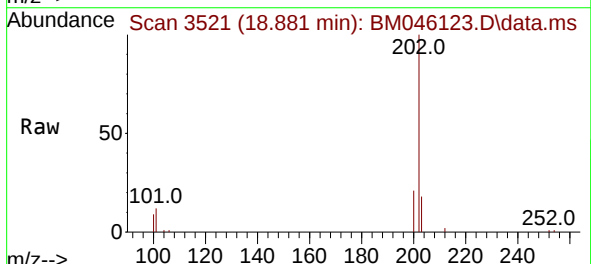
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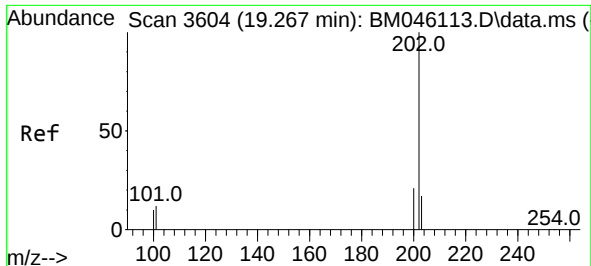
Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024



#19
 Fluoranthene
 Concen: 0.657 ng/ul
 RT: 18.881 min Scan# 3521
 Delta R.T. -0.036 min
 Lab File: BM046123.D
 Acq: 20 Jun 2024 15:07

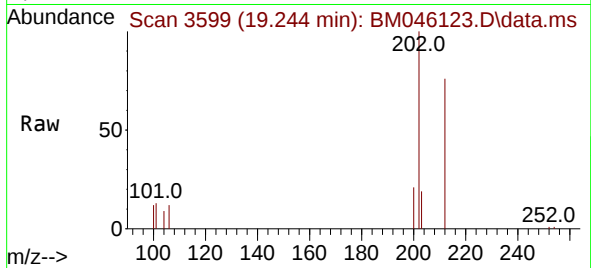
Tgt Ion:202 Resp: 19182
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.6 14.4
 100 9.0 7.6 11.4





#20
Pyrene
Concen: 0.577 ng/ul
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

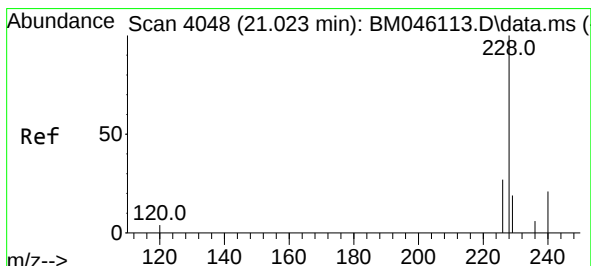
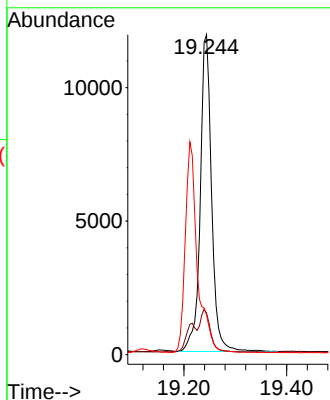
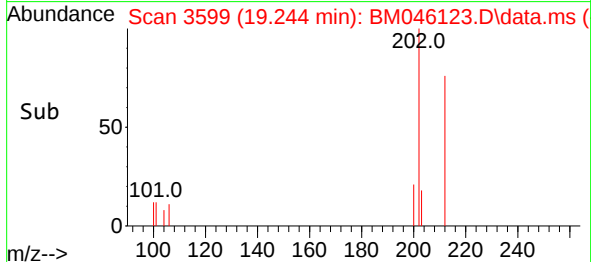
Instrument :
BNA_M
ClientSampleId :
A4BL9



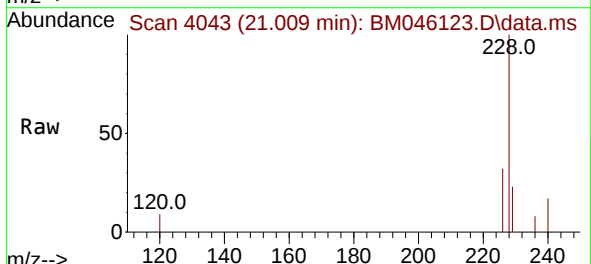
Tgt Ion:202 Resp: 1821
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 12.4 9.8 14.6

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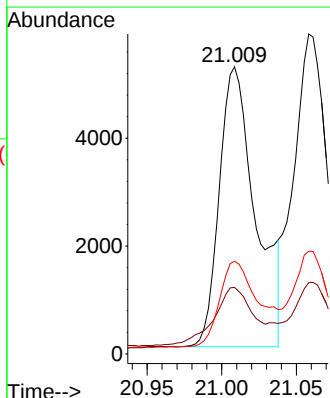
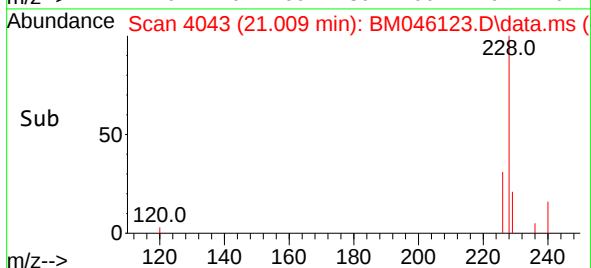
Reviewed By :Jagrut Upadhyay 06/21/2024
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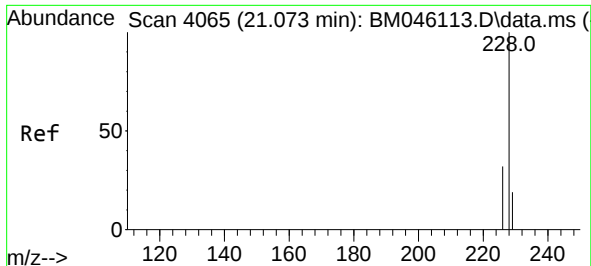


#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.009 min Scan# 4043
Delta R.T. -0.021 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07



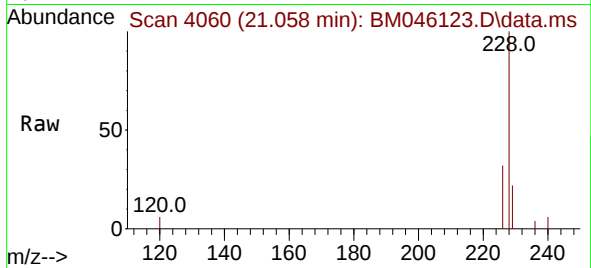
Tgt Ion:228 Resp: 8803
Ion Ratio Lower Upper
228 100
229 23.2 16.4 24.6
226 32.3 23.4 35.2





#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

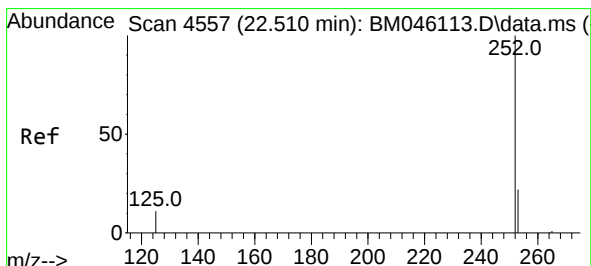
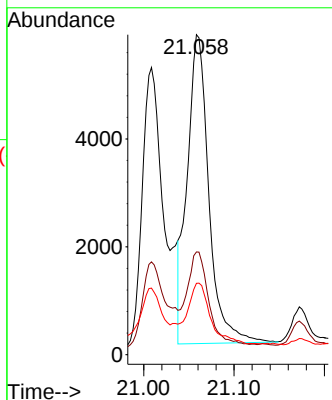
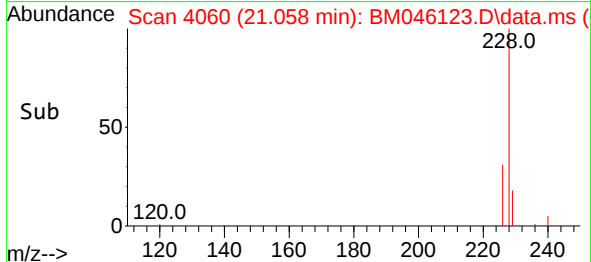
Instrument :
BNA_M
ClientSampleId :
A4BL9



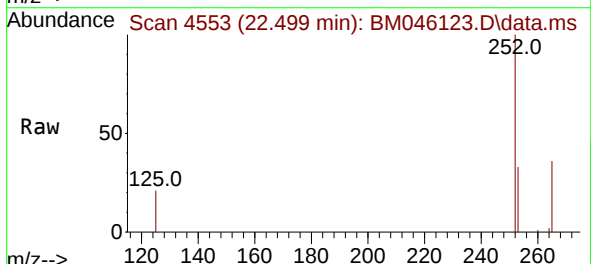
Tgt Ion:228 Resp: 9520
Ion Ratio Lower Upper
228 100
226 32.1 25.2 37.8
229 22.3 16.3 24.5

Manual Integrations
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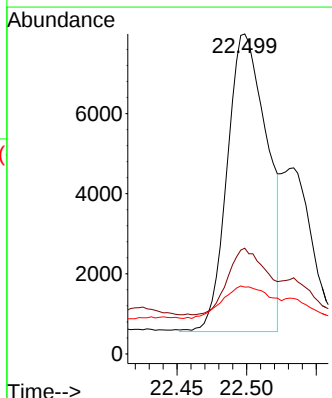
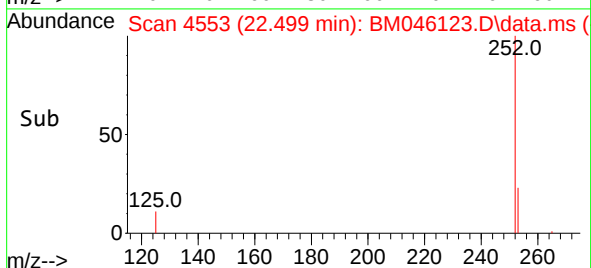
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

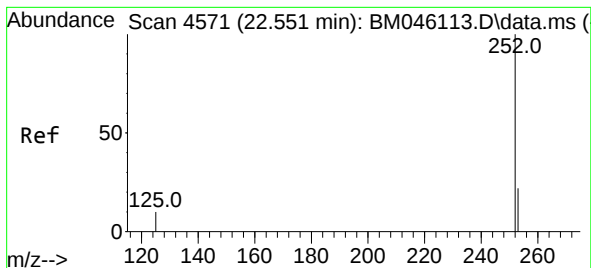


#24
Benzo(b)fluoranthene
Concen: 0.544 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07



Tgt Ion:252 Resp: 14699
Ion Ratio Lower Upper
252 100
253 33.0 0.0 65.8
125 20.9 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.210 ng/ul m

RT: 22.534 min Scan# 4565

Delta R.T. -0.030 min

Lab File: BM046123.D

Acq: 20 Jun 2024 15:07

Instrument :

BNA_M

ClientSampleId :

A4BL9

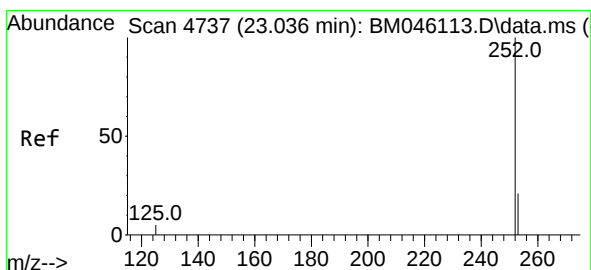
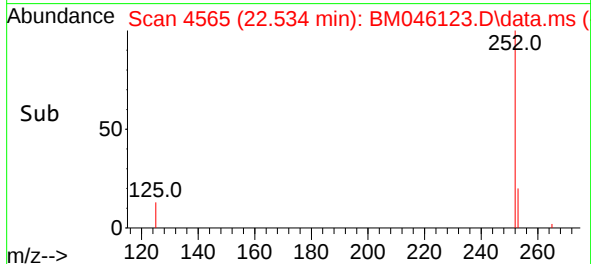
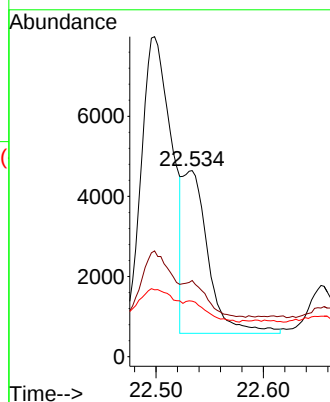
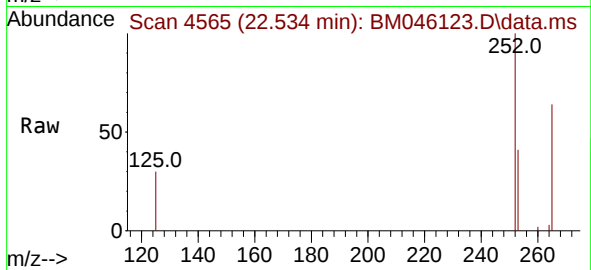
Tgt Ion:252 Resp: 6734

Ion	Ratio	Lower	Upper
252	100		
253	41.0	27.2	40.8
125	29.9	16.6	25.0

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Supervised By :mohammad ahmed 06/24/2024



#26

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.022 min Scan# 4732

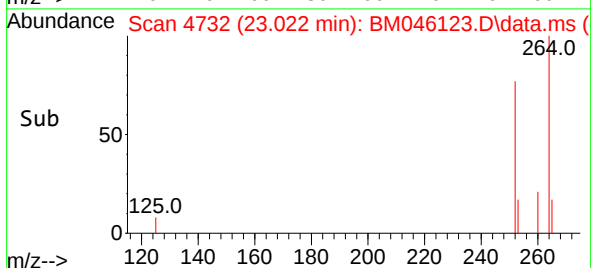
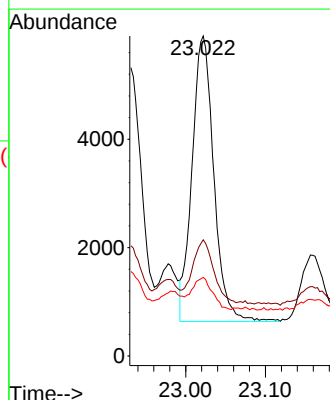
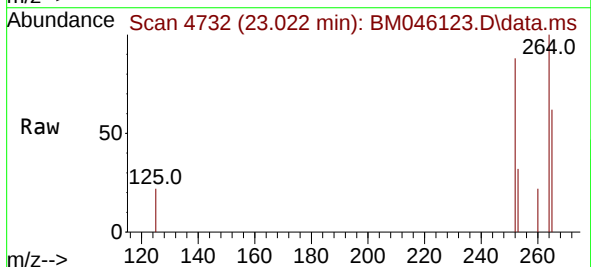
Delta R.T. -0.032 min

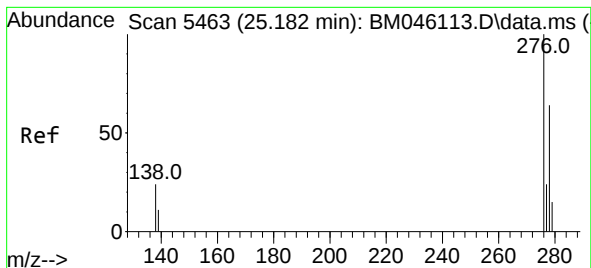
Lab File: BM046123.D

Acq: 20 Jun 2024 15:07

Tgt Ion:252 Resp: 9981

Ion	Ratio	Lower	Upper
252	100		
253	36.3	32.1	48.1
125	24.5	21.2	31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.213 ng/ul

RT: 25.172 min Scan# 5460

Delta R.T. -0.030 min

Lab File: BM046123.D

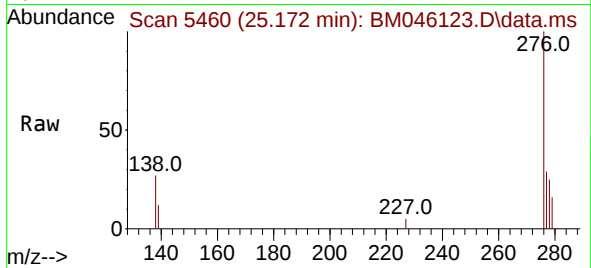
Acq: 20 Jun 2024 15:07

Instrument :

BNA_M

ClientSampleId :

A4BL9



Tgt Ion:276 Resp: 8738

Ion Ratio Lower Upper

276 100

138 21.6 21.0 31.4

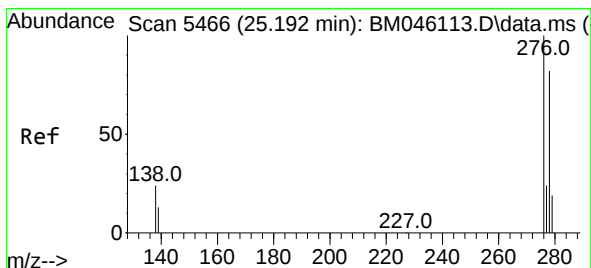
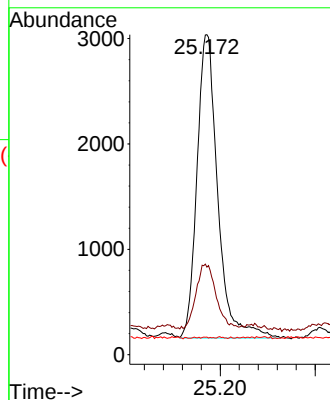
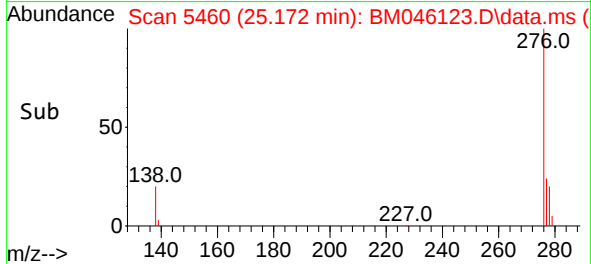
227 0.1 0.0 0.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/21/2024

Supervised By :mohammad ahmed 06/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 25.172 min Scan# 5460

Delta R.T. -0.044 min

Lab File: BM046123.D

Acq: 20 Jun 2024 15:07

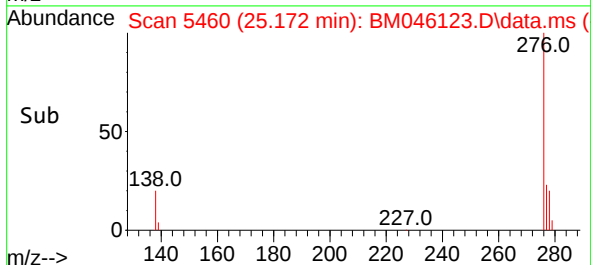
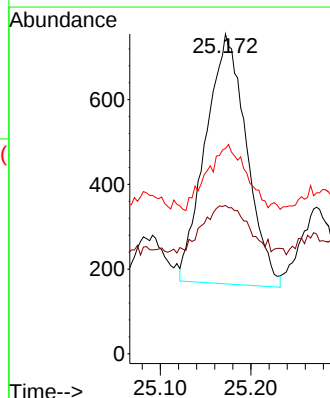
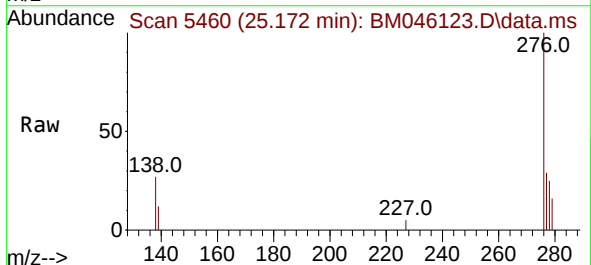
Tgt Ion:278 Resp: 1853

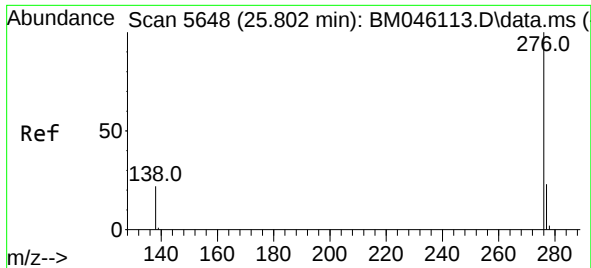
Ion Ratio Lower Upper

278 100

139 46.4 17.6 26.4#

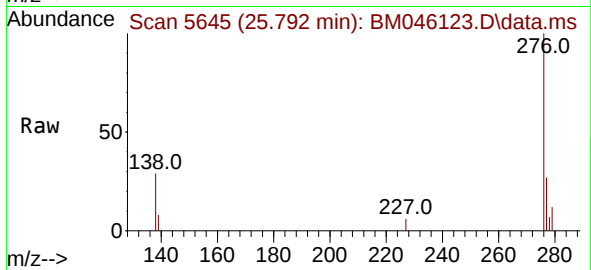
279 64.2 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.264 ng/ul
RT: 25.792 min Scan# 50
Delta R.T. -0.037 min
Lab File: BM046123.D
Acq: 20 Jun 2024 15:07

Instrument :
BNA_M
ClientSampleId :
A4BL9



Tgt Ion:	276	Resp:	9274
Ion Ratio	Lower	Upper	
276	100		
138	28.6	21.7	32.5
277	27.4	20.4	30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

