

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044104.D
 Acq On : 15 Feb 2024 16:43
 Operator : MA/JU
 Sample : P1329-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FL2

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 18:07:38 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	7.905	152	6767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	23231	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	12571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	28702m	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	23025m	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	27543m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	27773	2.898	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7172	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	19208m	0.280	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	3571	0.052	ng/ul#	91
7) 2-Methylnaphthalene	12.371	142	3955	0.093	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	2076	0.048	ng/ul	96
10) Acenaphthylene	14.265	152	1937	0.028	ng/ul#	68
11) Acenaphthene	14.607	153	1338	0.027	ng/ul	95
12) Fluorene	15.597	166	1564	0.028	ng/ul#	82
14) Pentachlorophenol	16.942	266	1518	0.148	ng/ul	95
15) Phenanthrene	17.339	178	37225	0.409	ng/ul	99
16) Anthracene	17.431	178	8429m	0.094	ng/ul	
19) Fluoranthene	19.359	202	213631m	2.035	ng/ul	
20) Pyrene	19.726	202	207982	1.884	ng/ul	98
21) Benzo(a)anthracene	21.482	228	127193m	1.206	ng/ul	
22) Chrysene	21.535	228	142549m	1.254	ng/ul	
24) Benzo(b)fluoranthene	23.169	252	242161m	2.130	ng/ul	
25) Benzo(k)fluoranthene	23.212	252	91929m	0.745	ng/ul	
26) Benzo(a)pyrene	23.788	252	152616m	1.445	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.373	276	119620m	0.889	ng/ul	
29) Benzo(g,h,i)perylene	27.131	276	120524m	1.013	ng/ul	

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

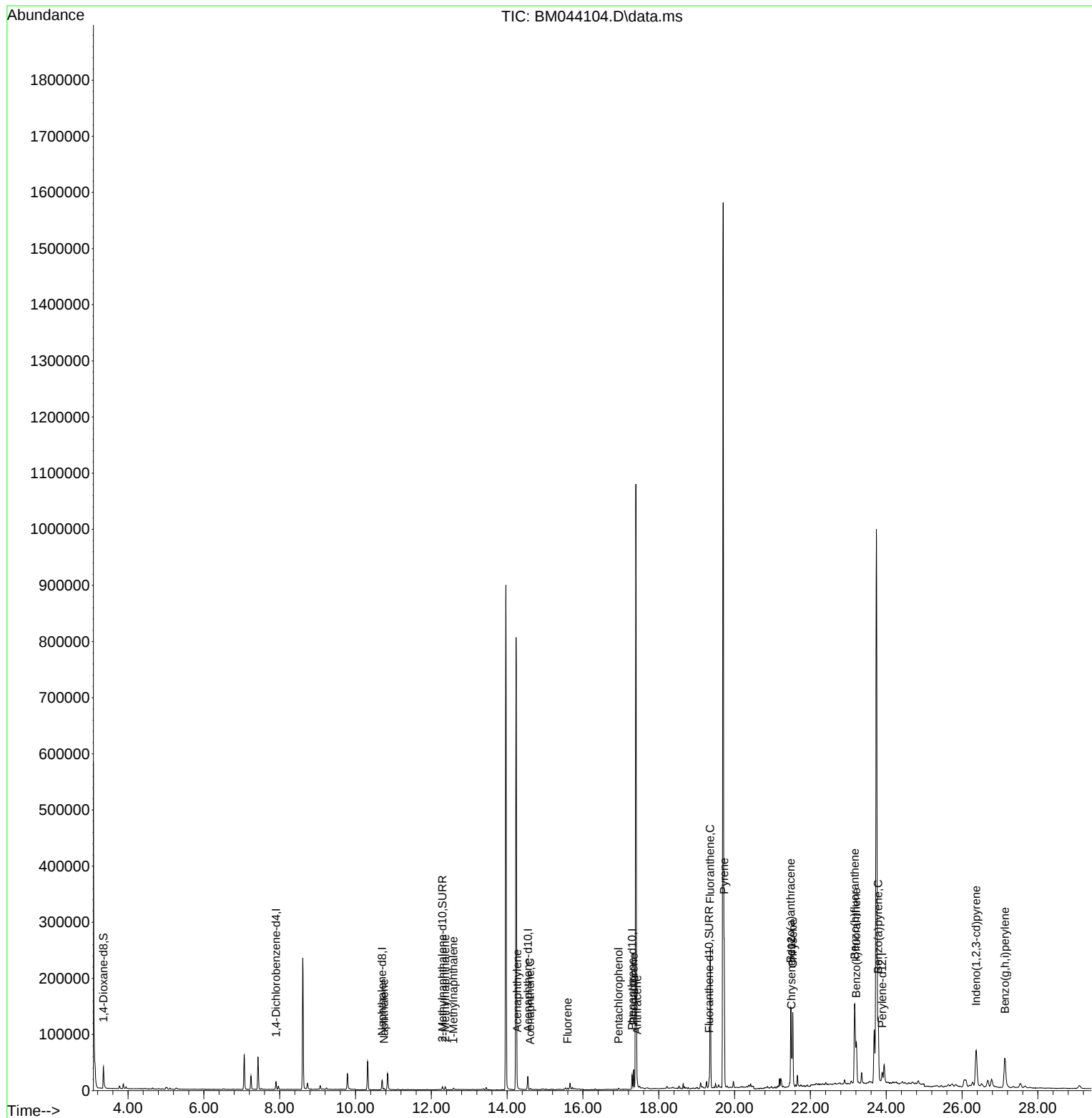
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044104.D
Acq On : 15 Feb 2024 16:43
Operator : MA/JU
Sample : P1329-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

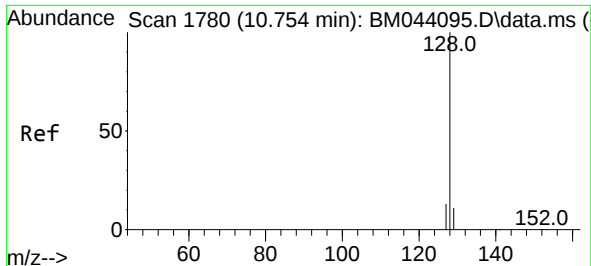
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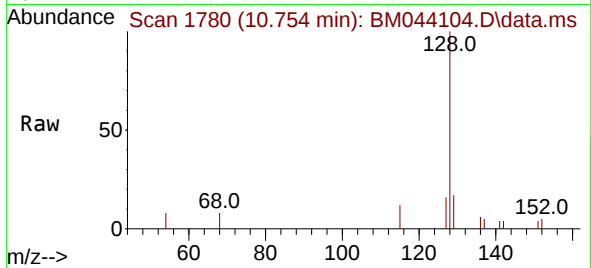
Quant Time: Feb 15 18:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

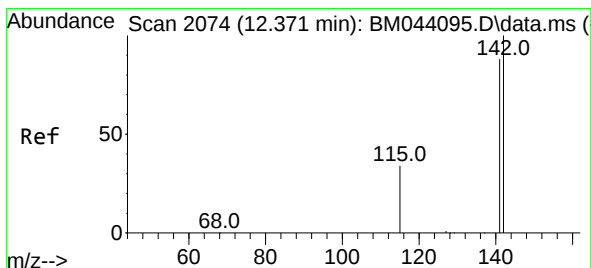
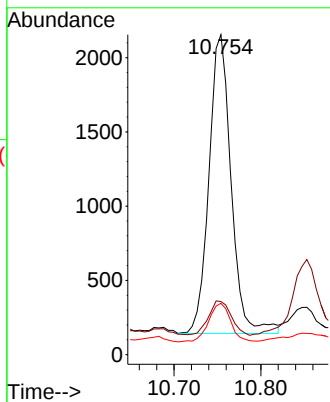
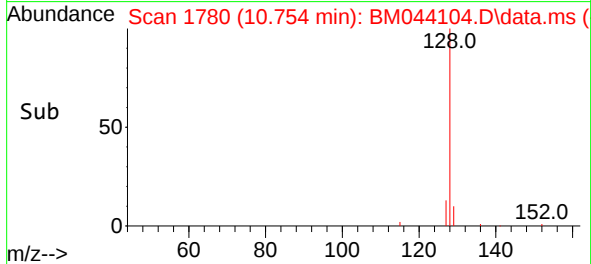
Instrument :
BNA_M
ClientSampleId :
C0FL2



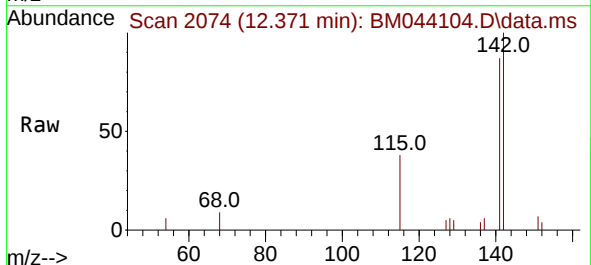
Tgt Ion:128 Resp: 3570
Ion Ratio Lower Upper
128 100
129 16.6 9.5 14.3
127 16.1 10.7 16.1

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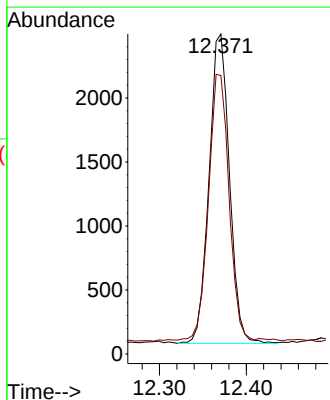
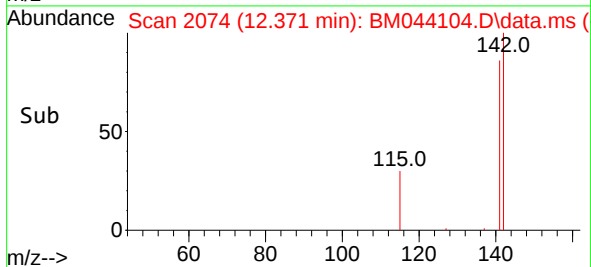
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

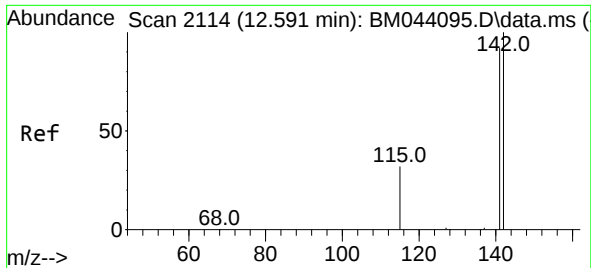


#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43



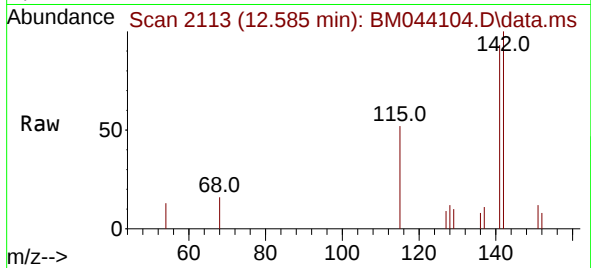
Tgt Ion:142 Resp: 3955
Ion Ratio Lower Upper
142 100
141 87.6 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

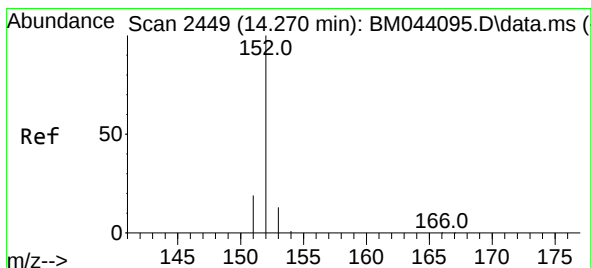
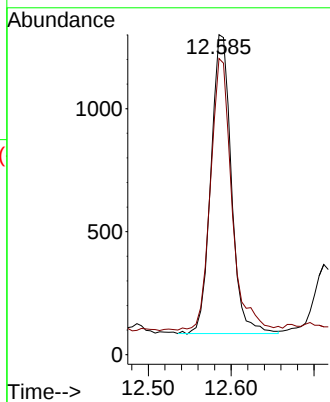
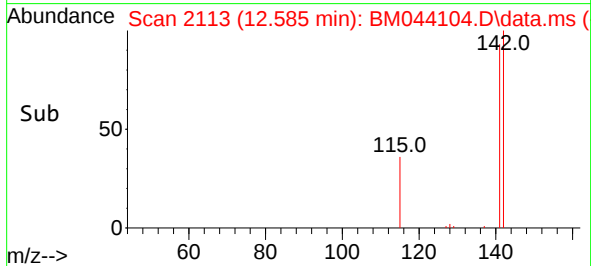
Instrument :
BNA_M
ClientSampleId :
C0FL2



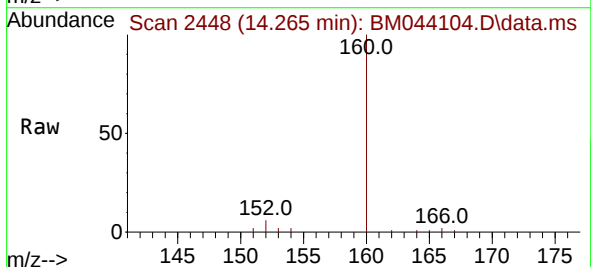
Tgt Ion:142 Resp: 2076
Ion Ratio Lower Upper
142 100
141 94.5 72.5 108.7

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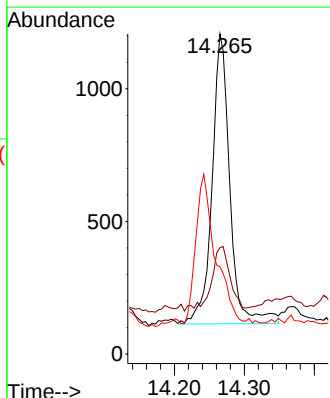
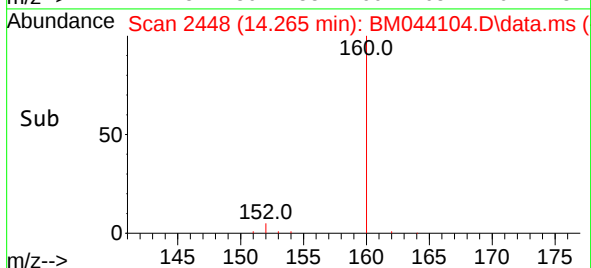
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

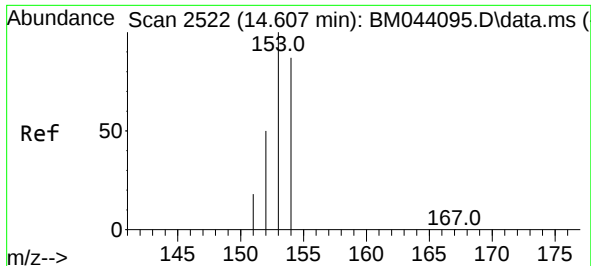


#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43



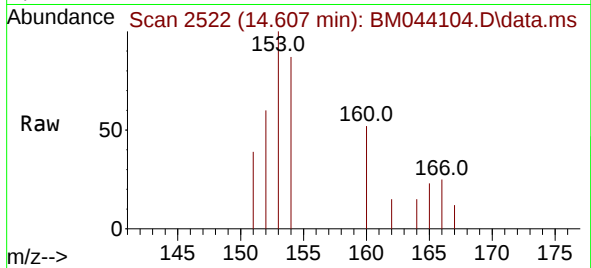
Tgt Ion:152 Resp: 1937
Ion Ratio Lower Upper
152 100
151 33.2 15.5 23.3#
153 27.3 10.8 16.2#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.607 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

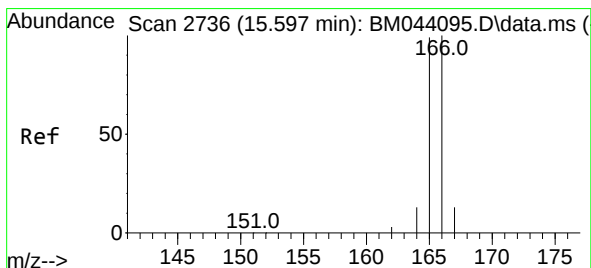
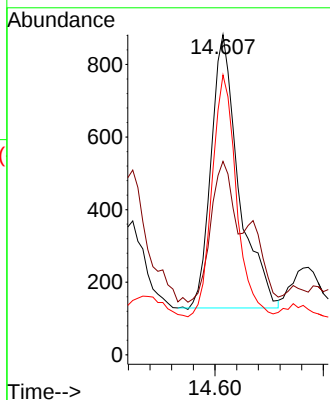
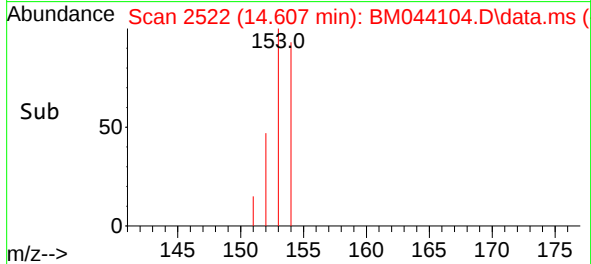
Instrument :
BNA_M
ClientSampleId :
C0FL2



Tgt Ion:153 Resp: 1338
Ion Ratio Lower Upper
153 100
152 60.4 40.6 61.0
154 87.4 70.1 105.1

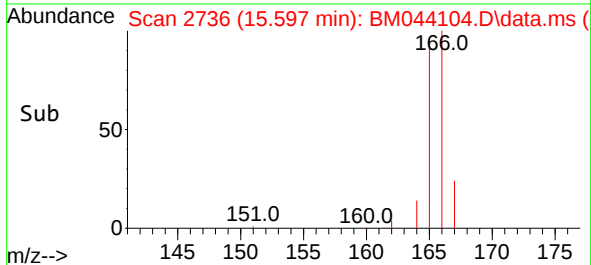
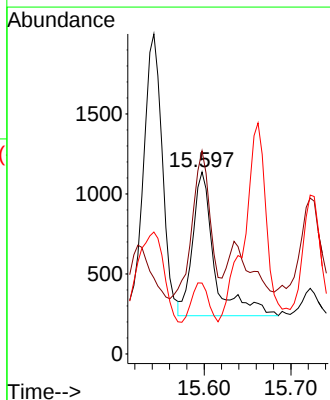
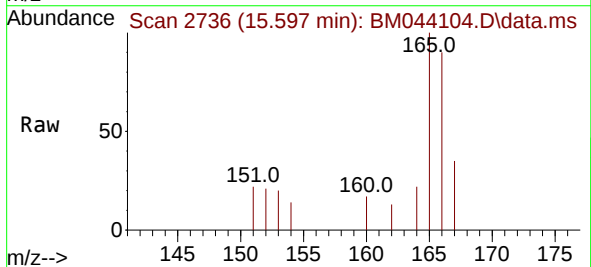
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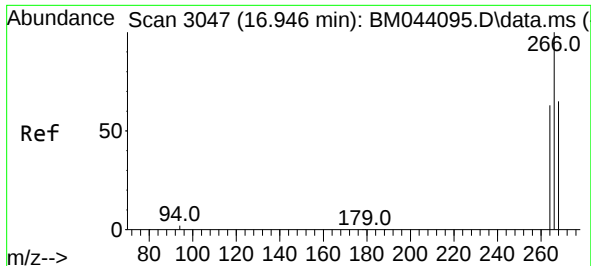
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.597 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

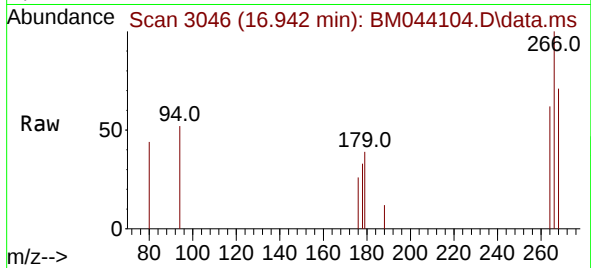
Tgt Ion:166 Resp: 1564
Ion Ratio Lower Upper
166 100
165 111.7 79.8 119.6
167 39.0 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.148 ng/u1
RT: 16.942 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

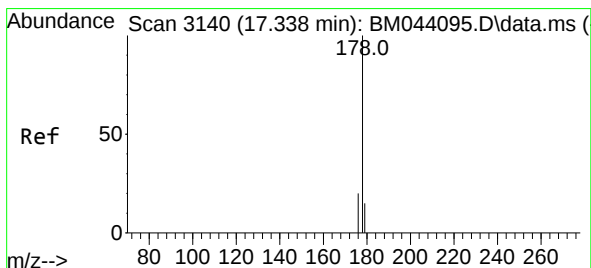
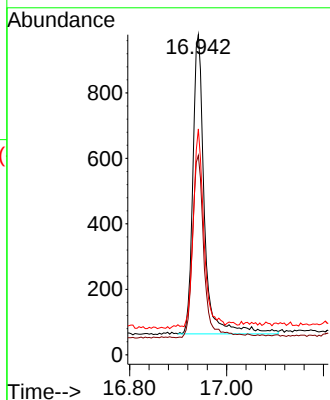
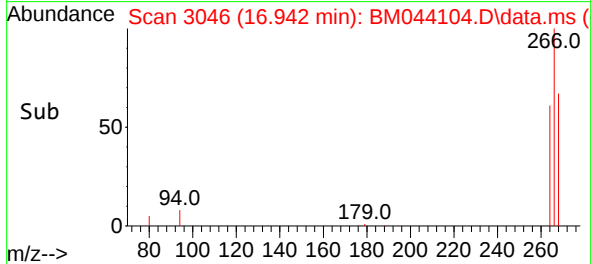
Instrument :
BNA_M
ClientSampleId :
C0FL2



Tgt Ion:266 Resp: 1518
Ion Ratio Lower Upper
266 100
264 60.7 49.4 74.0
268 58.6 52.1 78.1

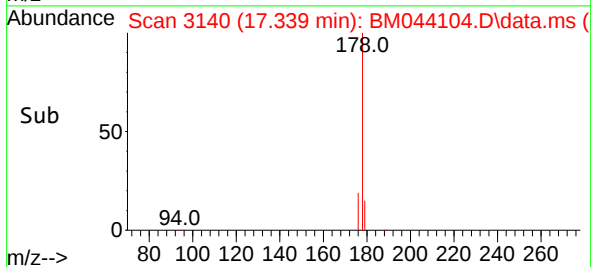
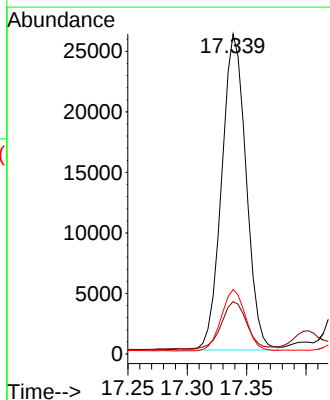
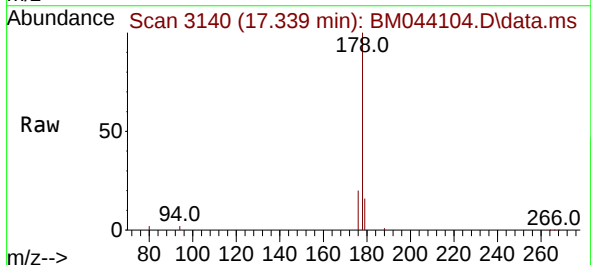
Manual Integrations
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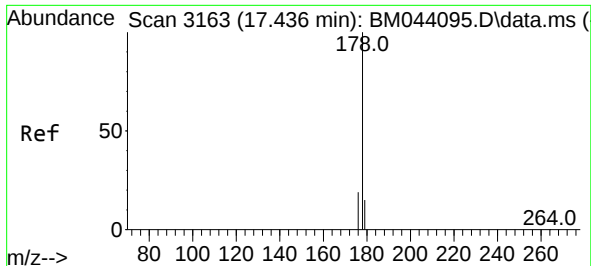
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.409 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

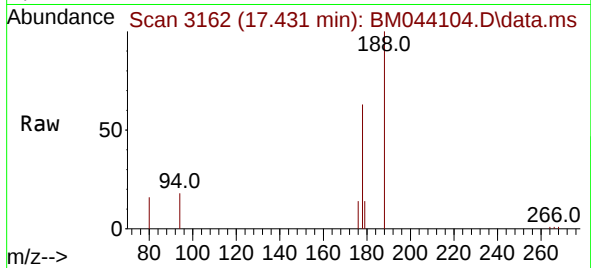
Tgt Ion:178 Resp: 37225
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.2 16.0 24.0





#16
 Anthracene
 Concen: 0.094 ng/ul m
 RT: 17.431 min Scan# 3162
 Delta R.T. -0.004 min
 Lab File: BM044104.D
 Acq: 15 Feb 2024 16:43

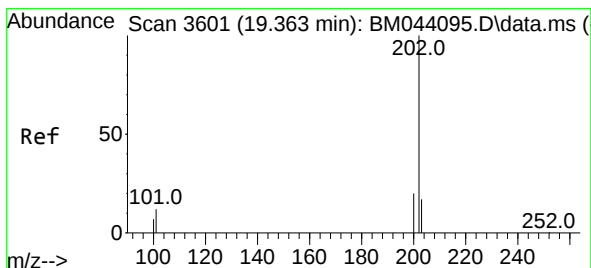
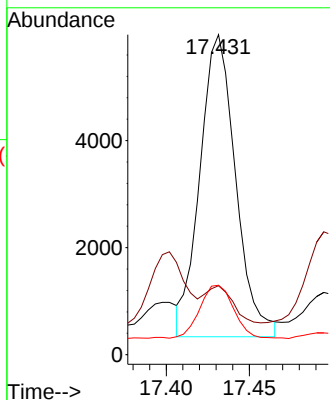
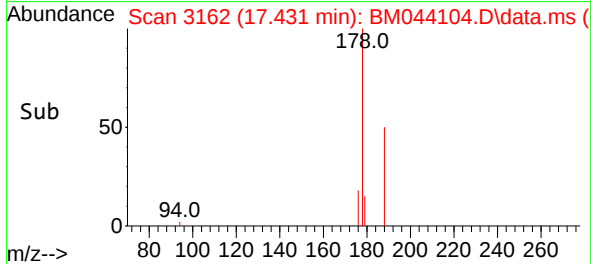
Instrument :
 BNA_M
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 C0FL2



Tgt Ion:178 Resp: 8429
 Ion Ratio Lower Upper
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 179 21.6 12.8 19.2
 176 21.7 15.3 22.9

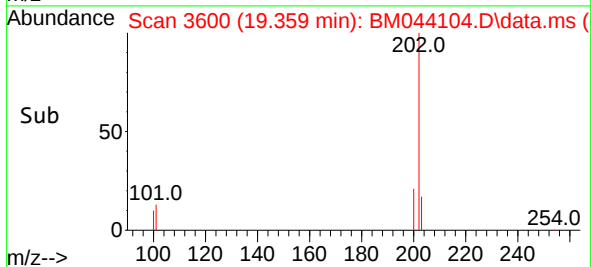
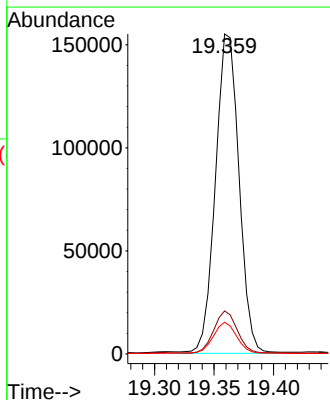
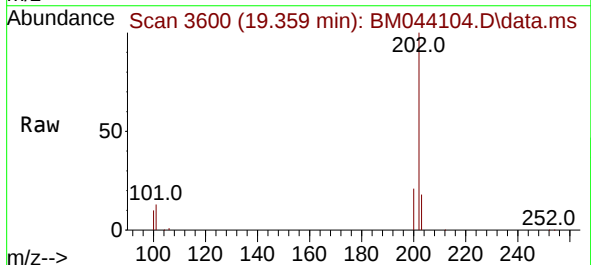
Manual Integrations
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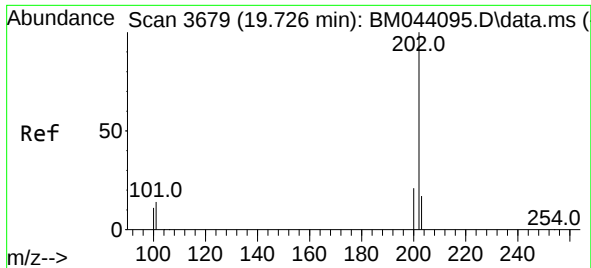
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



#19
 Fluoranthene
 Concen: 2.035 ng/ul m
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM044104.D
 Acq: 15 Feb 2024 16:43

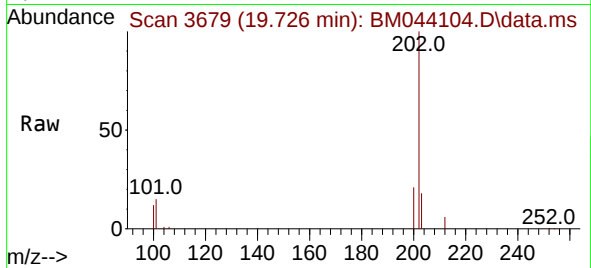
Tgt Ion:202 Resp: 213631
 Ion Ratio Lower Upper
 202 100
 101 13.4 9.8 14.6
 100 9.9 7.0 10.4





#20
Pyrene
Concen: 1.884 ng/ul
RT: 19.726 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

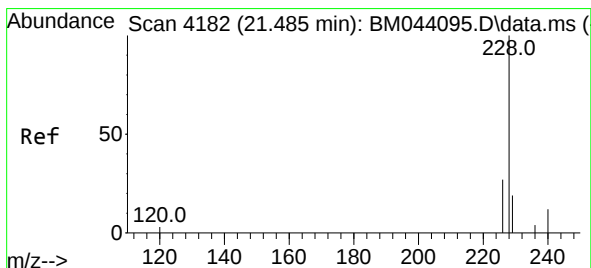
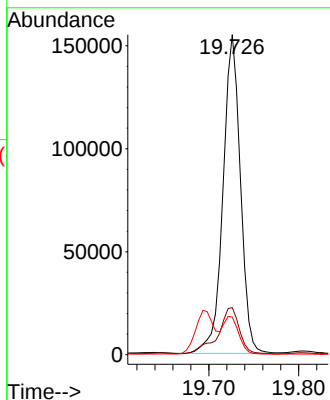
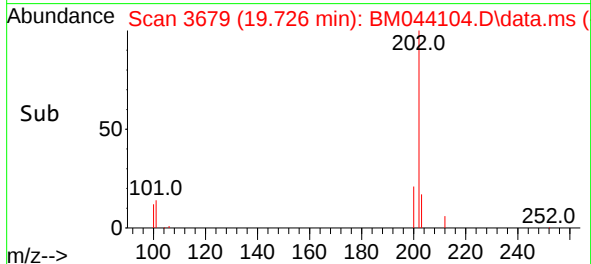
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C0FL2



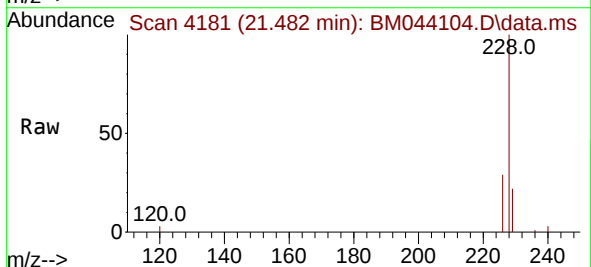
Tgt Ion:202 Resp: 20798
Ion Ratio Lower Upper
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101 14.7 11.2 16.8
100 11.8 8.6 13.0

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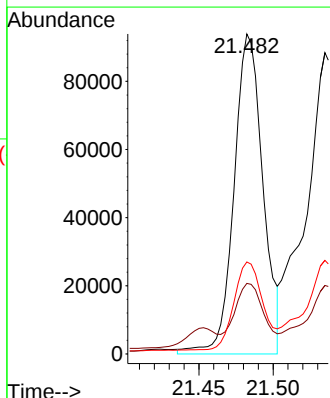
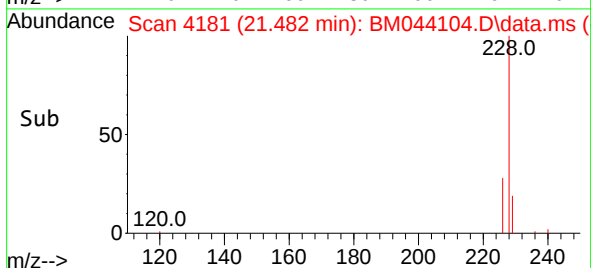
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

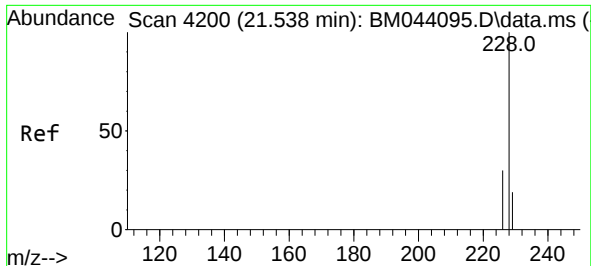


#21
Benzo(a)anthracene
Concen: 1.206 ng/ul m
RT: 21.482 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43



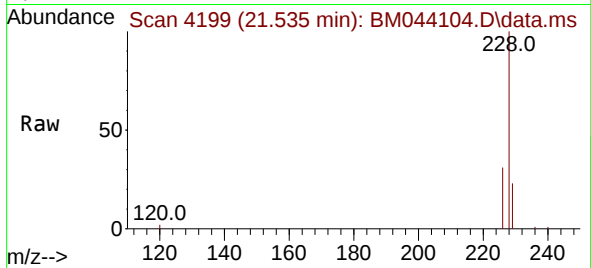
Tgt Ion:228 Resp: 127193
Ion Ratio Lower Upper
228 100
229 22.0 15.4 23.2
226 28.7 22.1 33.1





#22
Chrysene
Concen: 1.254 ng/ul m
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

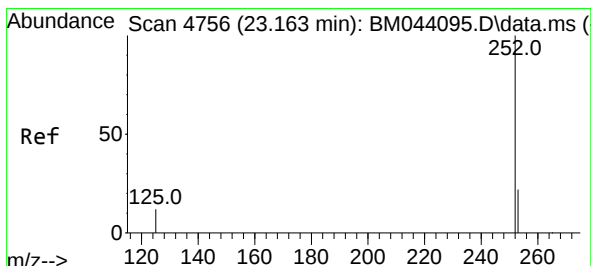
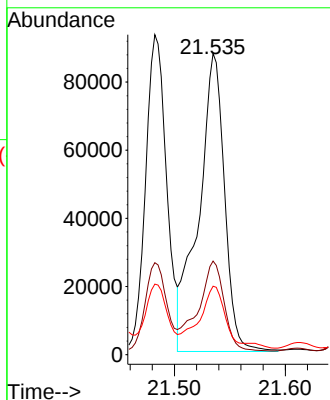
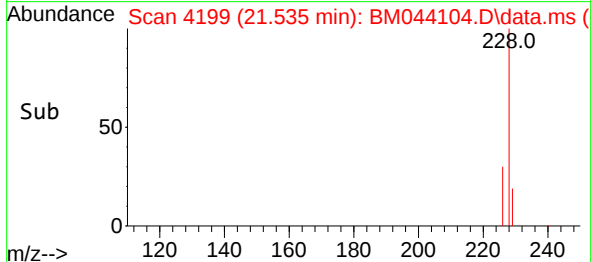
Instrument :
BNA_M
ClientSampleId :
C0FL2



Tgt Ion:228 Resp: 142549
Ion Ratio Lower Upper
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226 31.1 24.2 36.2
229 22.7 15.8 23.6

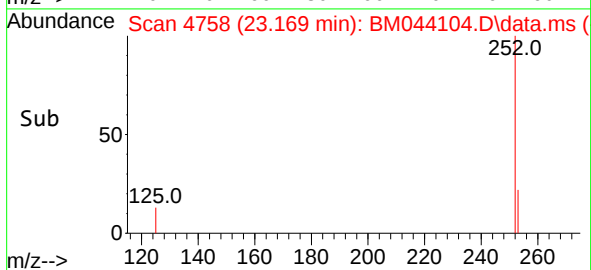
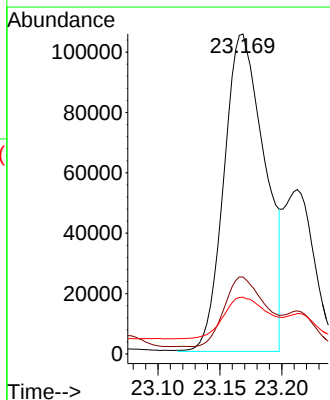
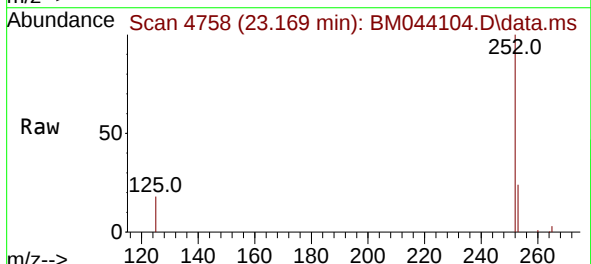
Manual Integrations
APPROVED

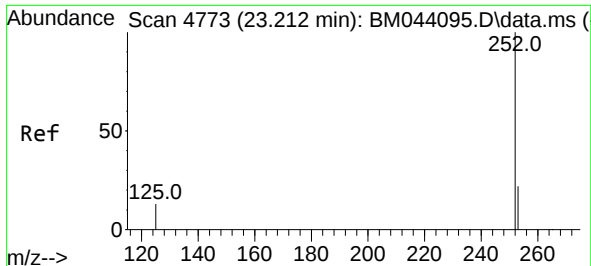
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#24
Benzo(b)fluoranthene
Concen: 2.130 ng/ul m
RT: 23.169 min Scan# 4758
Delta R.T. 0.006 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

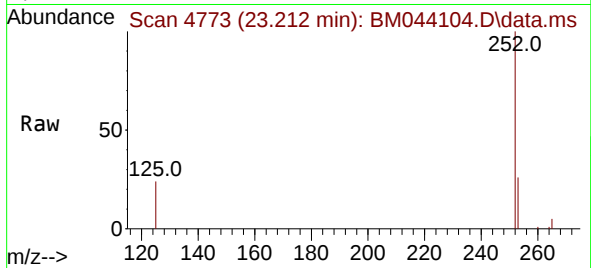
Tgt Ion:252 Resp: 242161
Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.0
125 17.7 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.745 ng/ul m
RT: 23.212 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

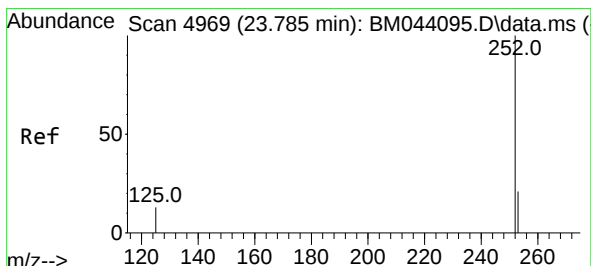
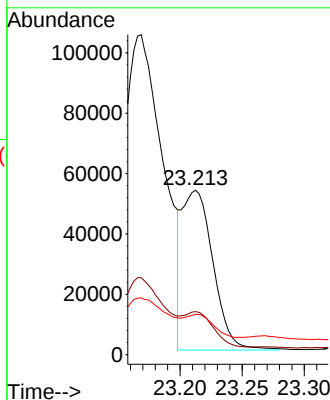
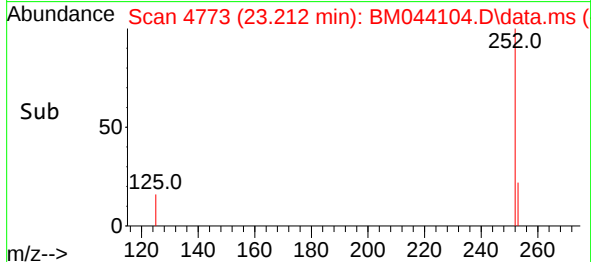
Instrument :
BNA_M
ClientSampleId :
C0FL2



Tgt Ion:252 Resp: 91929
Ion Ratio Lower Upper
252 100
253 26.2 20.1 30.1
125 24.5 12.3 18.5

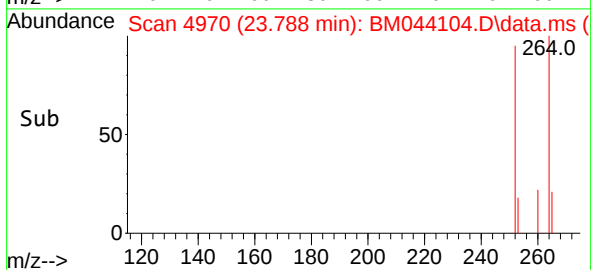
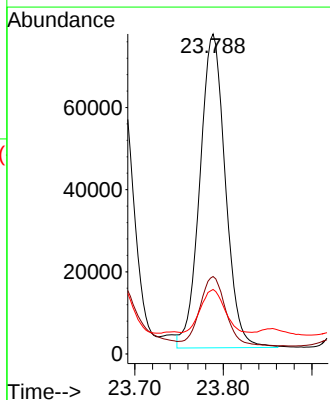
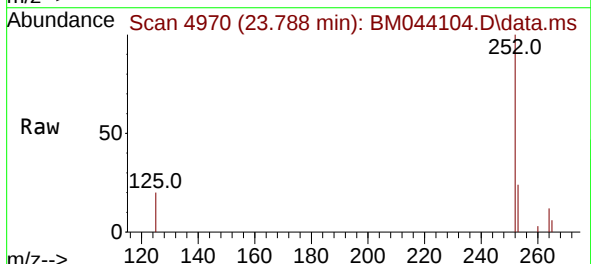
Manual Integrations
APPROVED

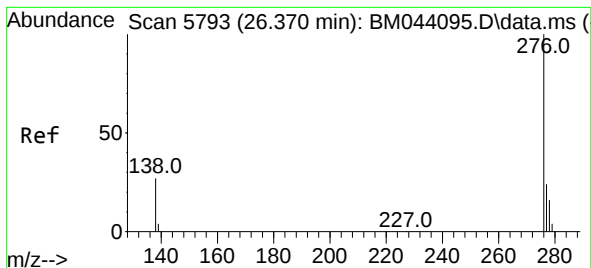
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 1.445 ng/ul m
RT: 23.788 min Scan# 4970
Delta R.T. 0.003 min
Lab File: BM044104.D
Acq: 15 Feb 2024 16:43

Tgt Ion:252 Resp: 152616
Ion Ratio Lower Upper
252 100
253 24.2 21.4 32.2
125 20.1 13.3 19.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.889 ng/ul m

RT: 26.373 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM044104.D

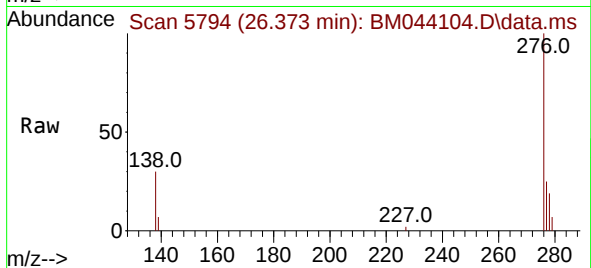
Acq: 15 Feb 2024 16:43

Instrument :

BNA_M

ClientSampleId :

C0FL2



Tgt Ion:276 Resp: 119620

Ion Ratio Lower Upper

276 100

138 3.2 25.2 37.8

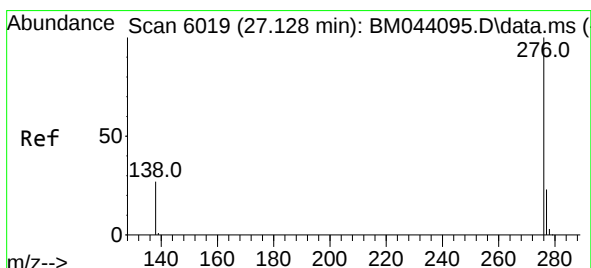
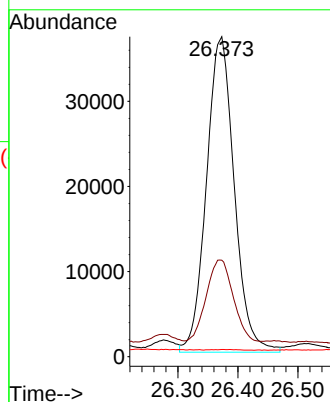
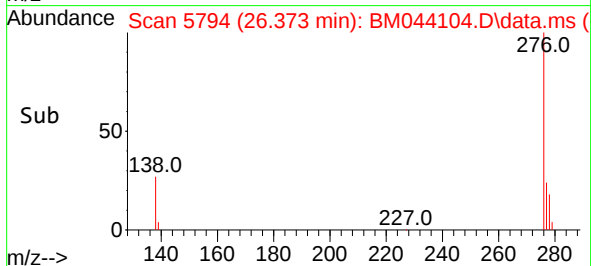
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#29

Benzo(g,h,i)perylene

Concen: 1.013 ng/ul m

RT: 27.131 min Scan# 6020

Delta R.T. 0.003 min

Lab File: BM044104.D

Acq: 15 Feb 2024 16:43

Tgt Ion:276 Resp: 120524

Ion Ratio Lower Upper

276 100

138 31.2 22.7 34.1

277 24.8 19.0 28.6

