

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038064.D
 Acq On : 16 Dec 2022 13:16
 Operator : CG/JU
 Sample : N5925-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:20:14 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 15 21:53:17 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7086	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	22623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	12769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	26627	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	18189	0.400	ng/ul	# 0.00
23) Perylene-d12	24.041	264	15673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	34072	3.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	9118	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	18919	0.287	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.922	128	20299	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	7902	0.188	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	5319	0.123	ng/ul	100
10) Acenaphthylene	14.407	152	49805	0.744	ng/ul	100
11) Acenaphthene	14.745	153	10632	0.210	ng/ul	99
12) Fluorene	15.726	166	8248	0.147	ng/ul	99
14) Pentachlorophenol	17.067	266	1787	0.162	ng/ul	99
15) Phenanthrene	17.460	178	213023	2.376	ng/ul	99
16) Anthracene	17.553	178	56191	0.678	ng/ul	99
19) Fluoranthene	19.464	202	699641	7.447	ng/ul	98
20) Pyrene	19.831	202	596591m	6.221	ng/ul	
21) Benzo(a)anthracene	21.568	228	402224	5.118	ng/ul	99
22) Chrysene	21.624	228	414041	5.223	ng/ul	98
24) Benzo(b)fluoranthene	23.290	252	598869	8.057	ng/ul	89
25) Benzo(k)fluoranthene	23.334	252	211880m	2.954	ng/ul	
26) Benzo(a)pyrene	23.933	252	349618	5.585	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.609	276	255088	3.246	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.612	278	65077	1.063	ng/ul	99
29) Benzo(g,h,i)perylene	27.404	276	229696	3.441	ng/ul	96

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

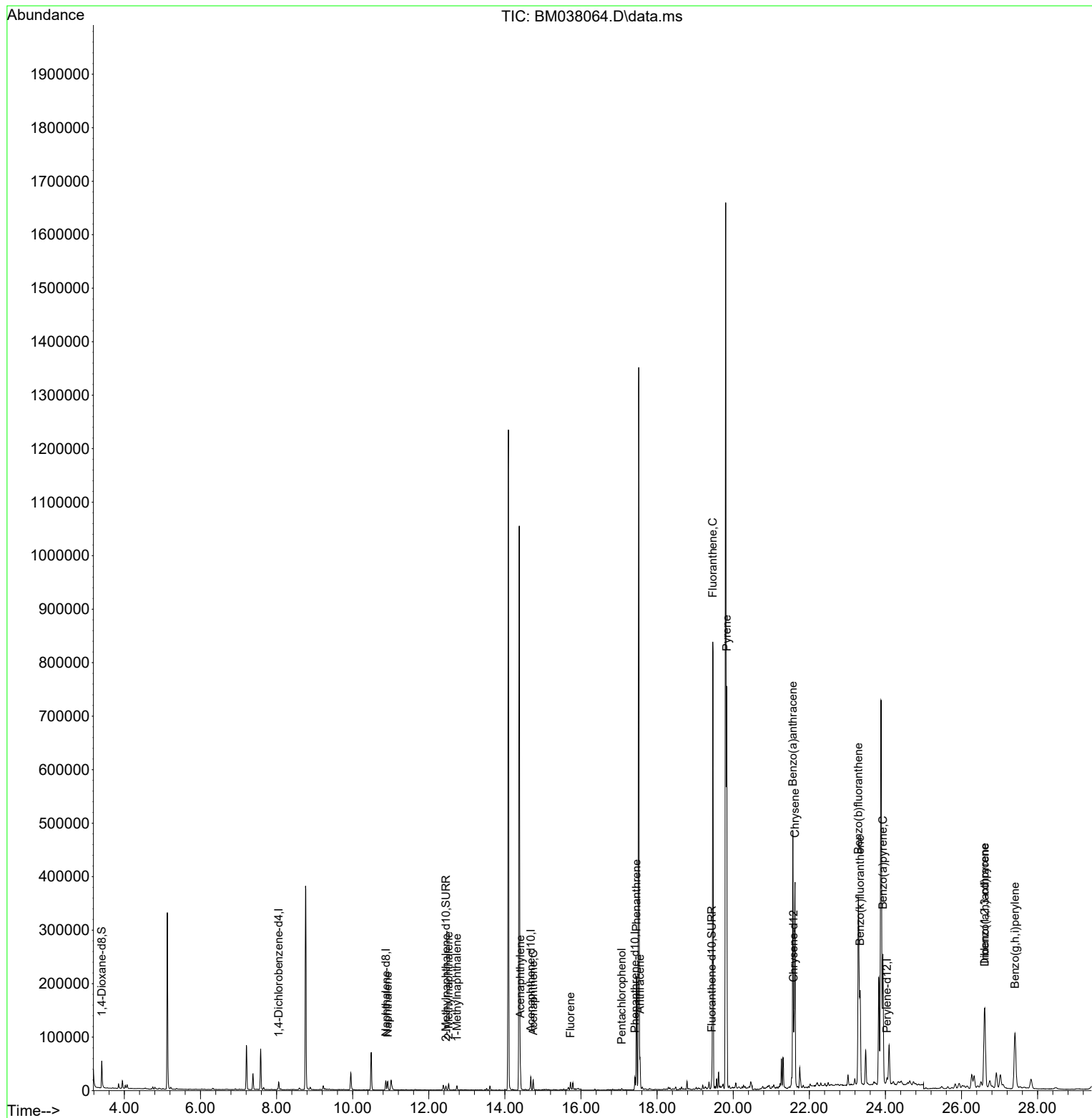
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038064.D
Acq On : 16 Dec 2022 13:16
Operator : CG/JU
Sample : N5925-07
Misc :
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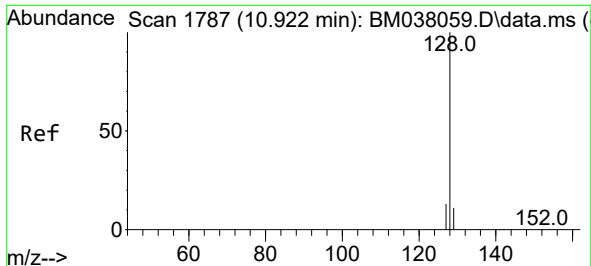
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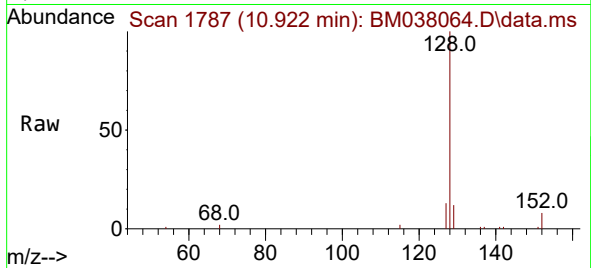
Quant Time: Dec 16 23:20:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

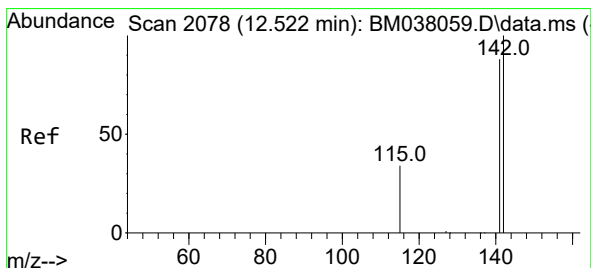
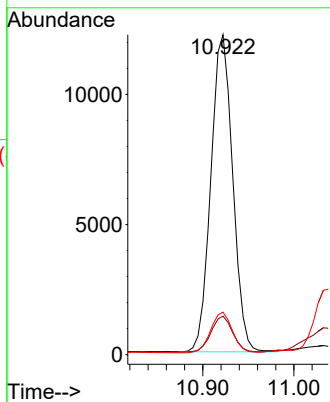
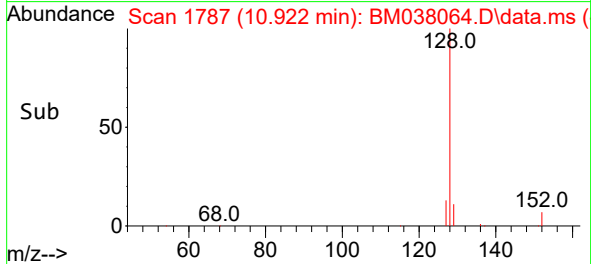
Instrument :
BNA_M
ClientSampleId :
DBXR1



Tgt Ion:128 Resp: 20299
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.3 10.4 15.6

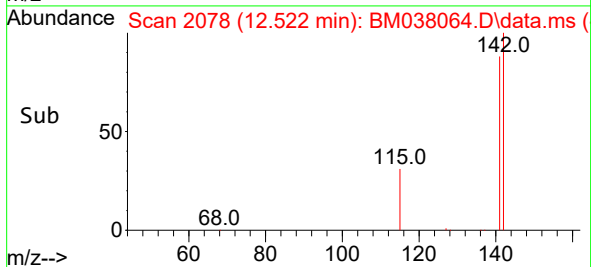
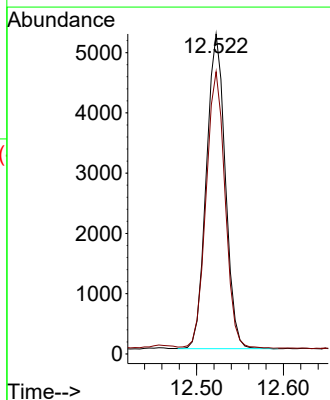
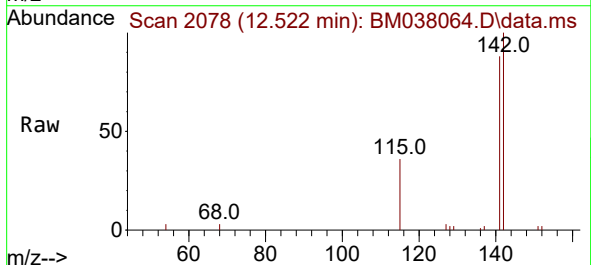
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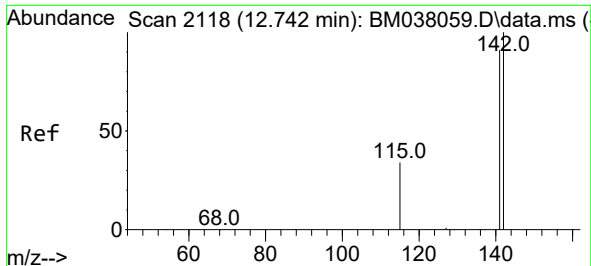
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

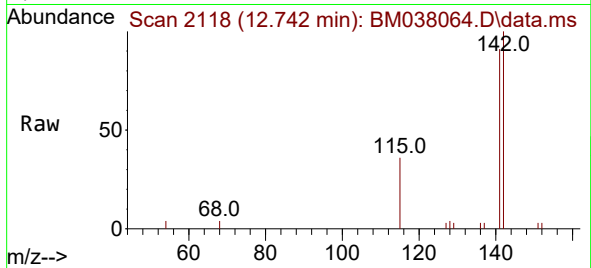
Tgt Ion:142 Resp: 7902
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

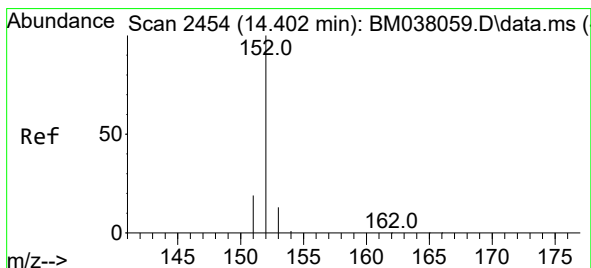
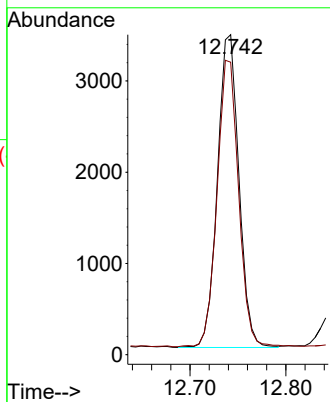
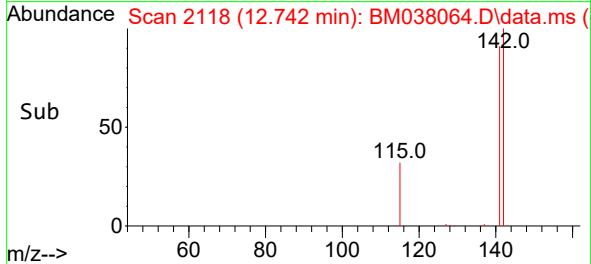
Instrument :
BNA_M
ClientSampleId :
DBXR1



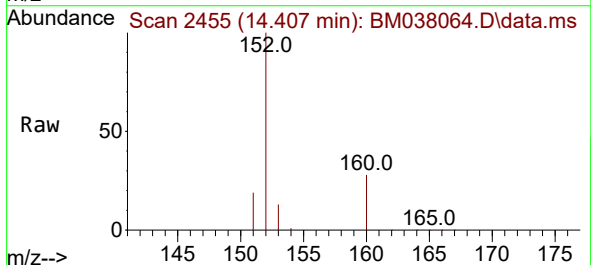
Tgt Ion:142 Resp: 5319
Ion Ratio Lower Upper
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141 91.8 73.6 110.4

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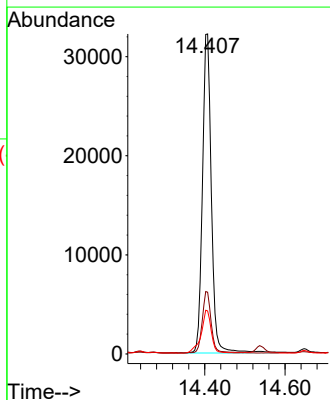
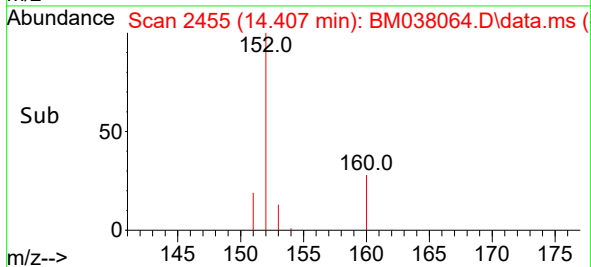
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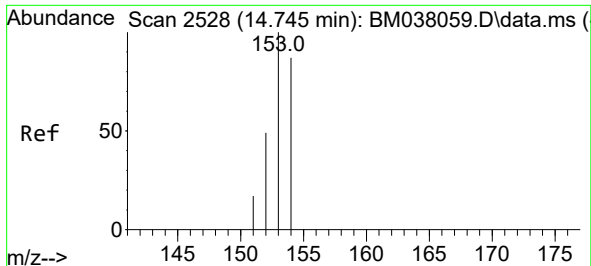


#10
Acenaphthylene
Concen: 0.744 ng/ul
RT: 14.407 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16



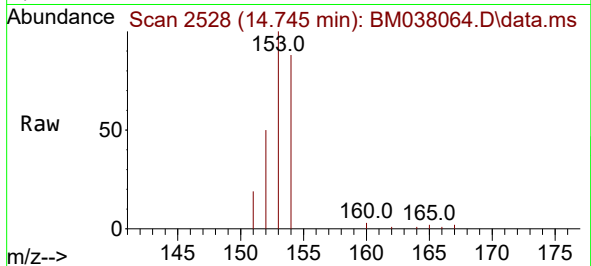
Tgt Ion:152 Resp: 49805
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.4 11.0 16.4





#11
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.745 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

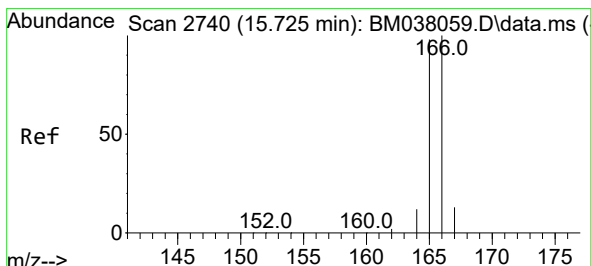
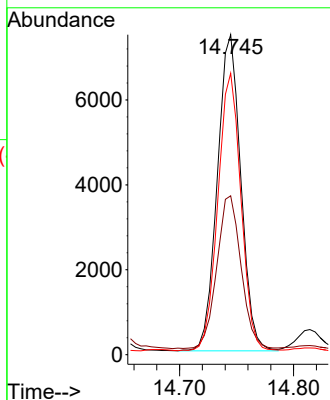
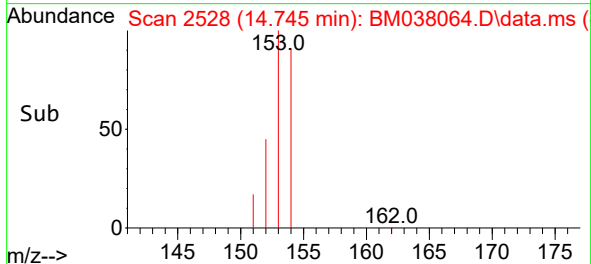
Instrument :
BNA_M
ClientSampleId :
DBXR1



Tgt Ion:153 Resp: 1063
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 88.0 69.2 103.8

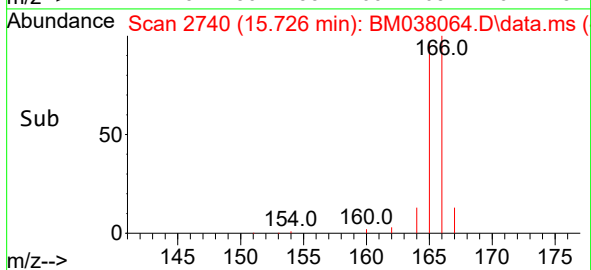
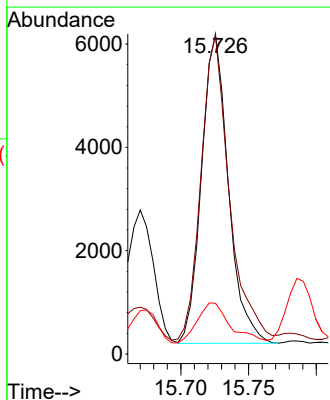
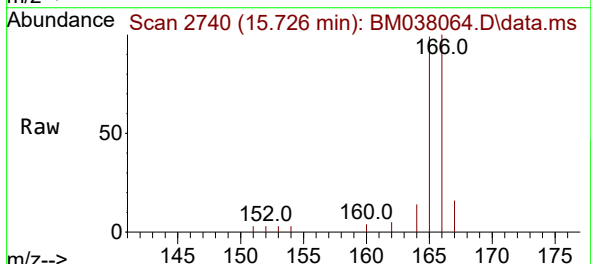
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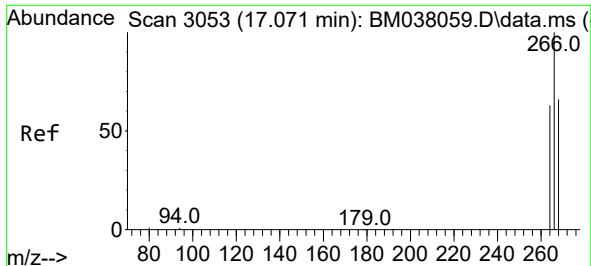
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

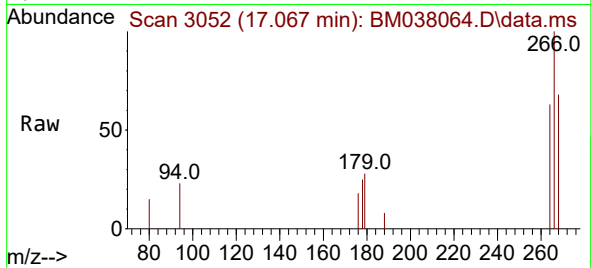
Tgt Ion:166 Resp: 8248
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 15.9 11.1 16.7





#14
Pentachlorophenol
Concen: 0.162 ng/ul
RT: 17.067 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

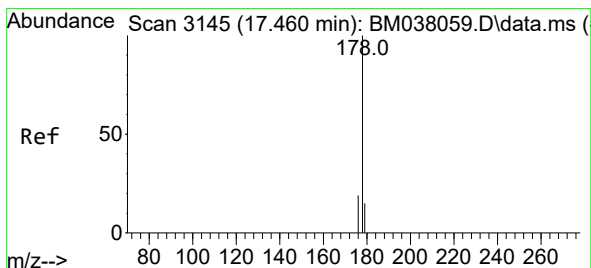
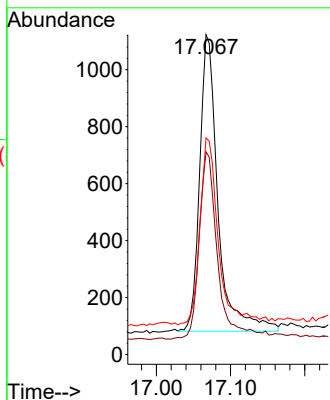
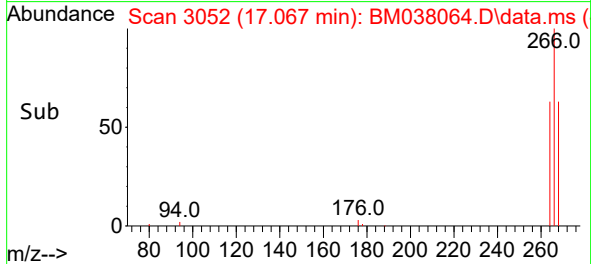
Instrument :
BNA_M
ClientSampleId :
DBXR1



Tgt Ion:266 Resp: 178
Ion Ratio Lower Upper
266 100
264 63.6 49.9 74.9
268 64.4 52.0 78.0

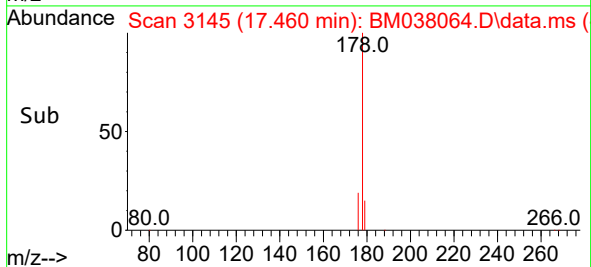
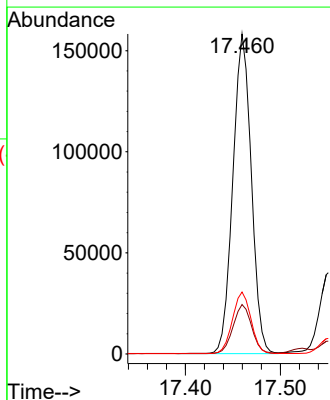
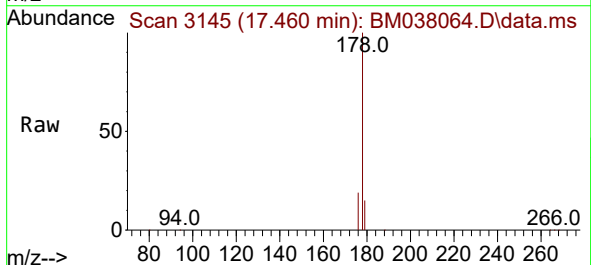
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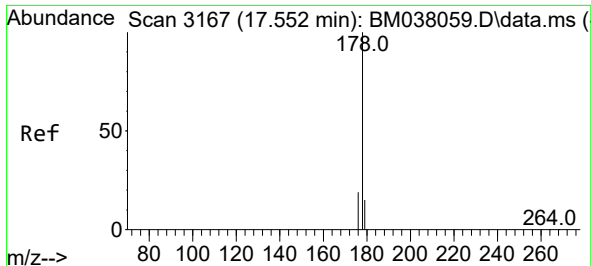
Reviewed By :Jagrut Upadhyay 12/19/2022
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#15
Phenanthrene
Concen: 2.376 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

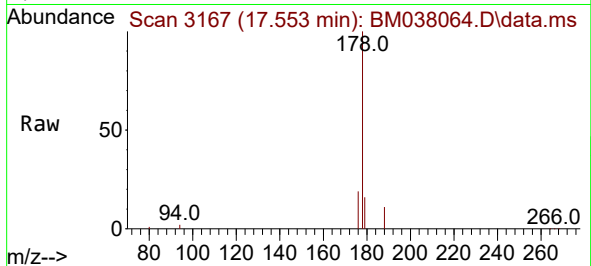
Tgt Ion:178 Resp: 213023
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.8 23.6





#16
 Anthracene
 Concen: 0.678 ng/ul
 RT: 17.553 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038064.D
 Acq: 16 Dec 2022 13:16

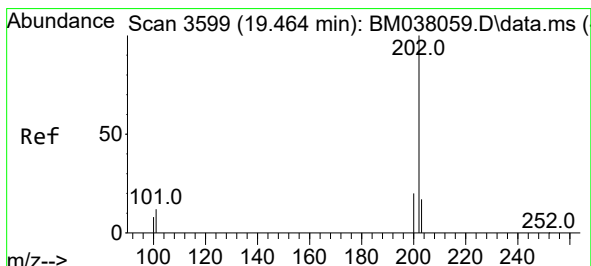
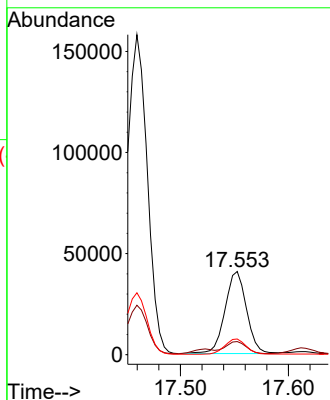
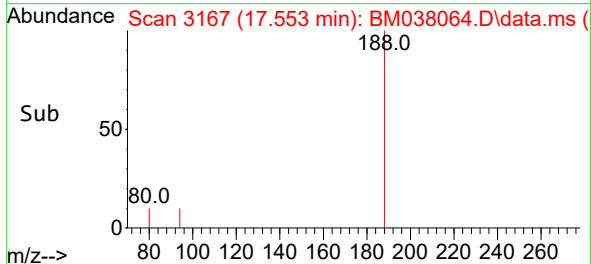
Instrument :
 BNA_M
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 DBXR1



Tgt Ion:178 Resp: 5619
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.4
 176 18.9 15.0 22.4

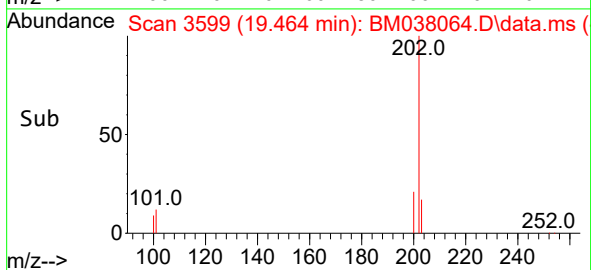
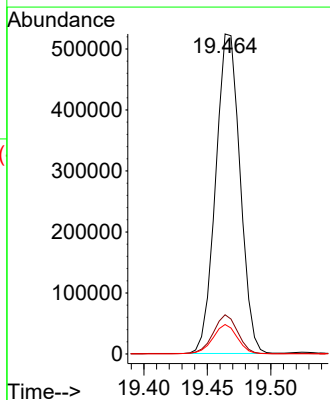
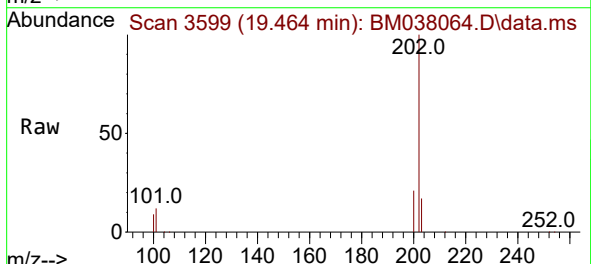
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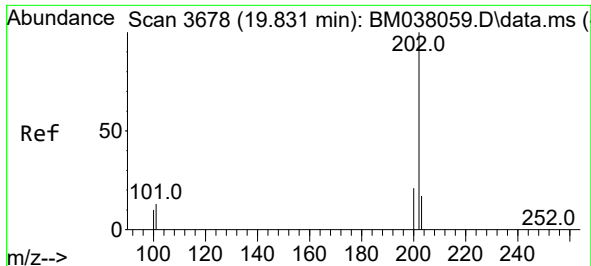
Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#19
 Fluoranthene
 Concen: 7.447 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.004 min
 Lab File: BM038064.D
 Acq: 16 Dec 2022 13:16

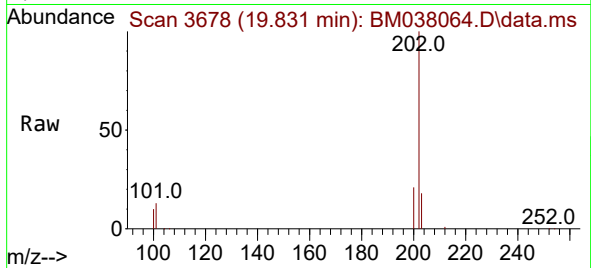
Tgt Ion:202 Resp: 699641
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.6 15.8
 100 9.2 7.9 11.9





#20
Pyrene
Concen: 6.221 ng/ul m
RT: 19.831 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

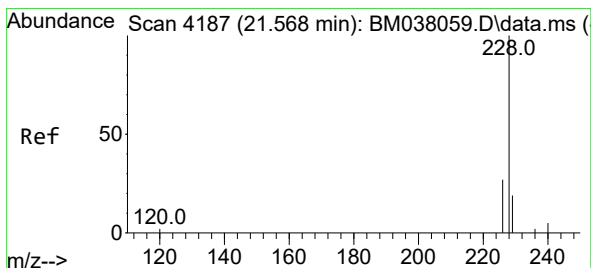
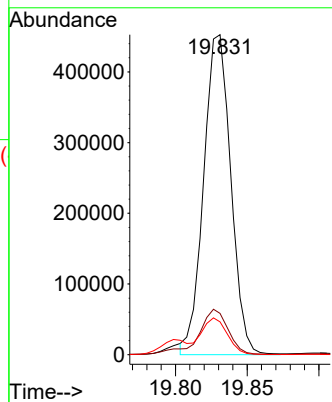
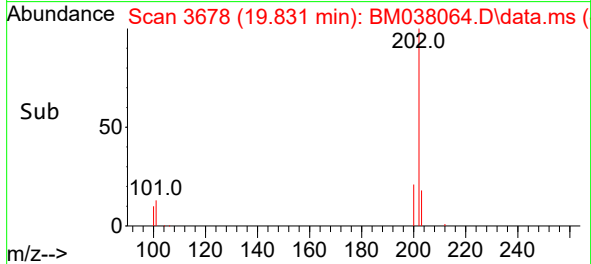
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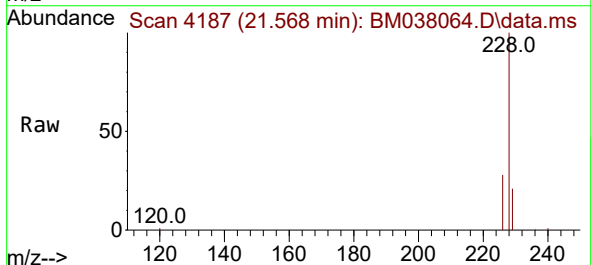
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Ion Ratio Lower Upper
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101 12.9 12.1 18.1
100 10.3 9.8 14.6

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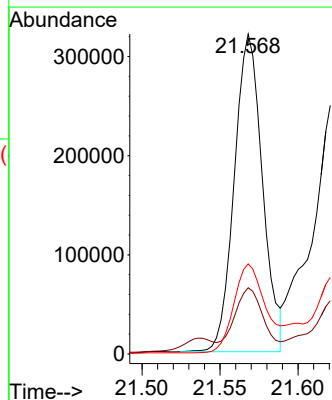
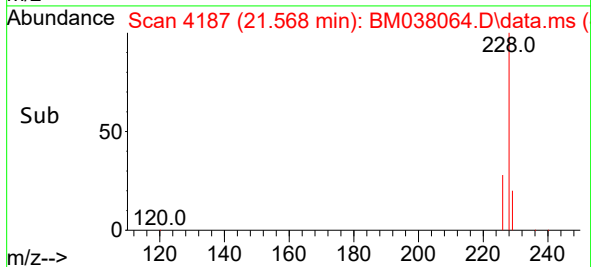
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

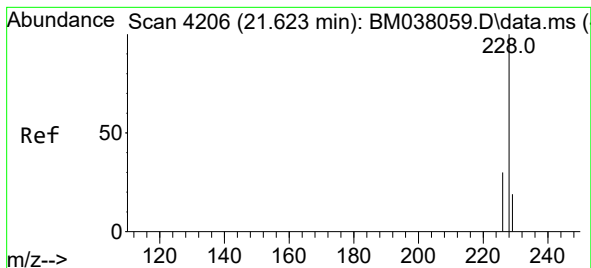


#21
Benzo(a)anthracene
Concen: 5.118 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16



Tgt Ion:228 Resp: 402224
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.1 22.1 33.1





#22

Chrysene

Concen: 5.223 ng/ul

RT: 21.624 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038064.D

Acq: 16 Dec 2022 13:16

Instrument :

BNA_M

ClientSampleId :

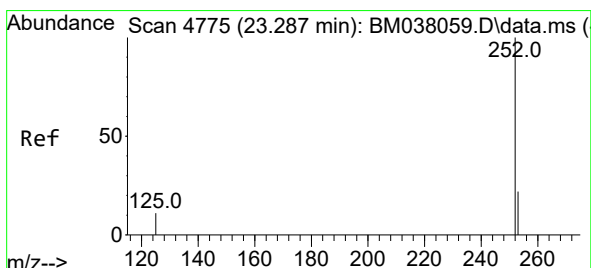
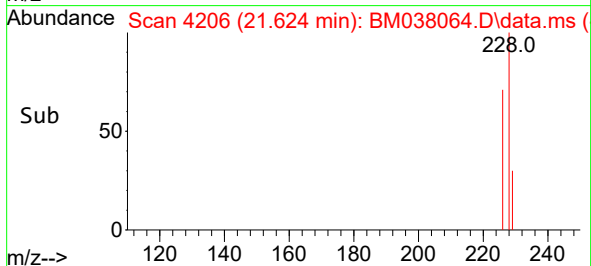
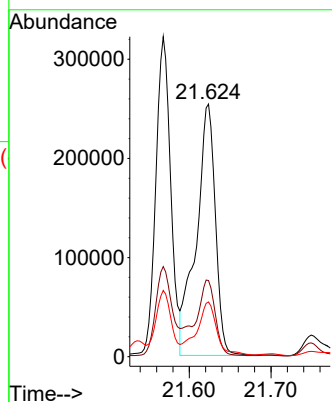
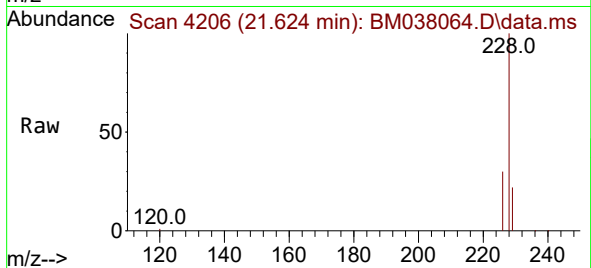
DBXR1

Tgt Ion:228 Resp: 41404
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 21.7 15.7 23.5

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 8.057 ng/ul

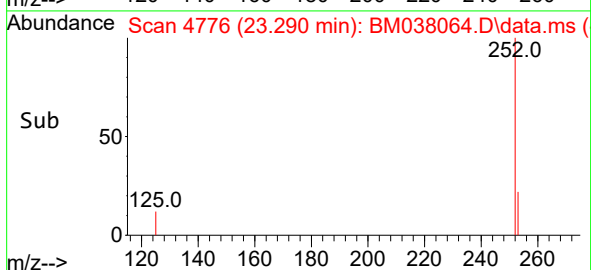
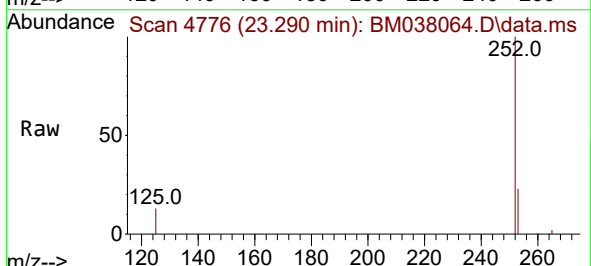
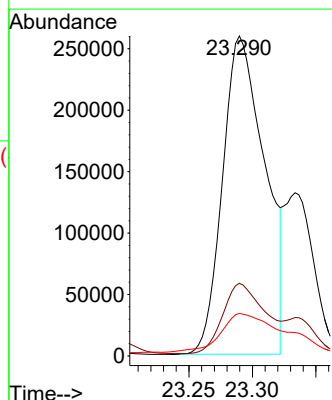
RT: 23.290 min Scan# 4776

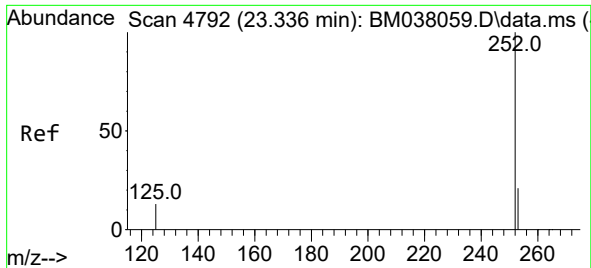
Delta R.T. 0.003 min

Lab File: BM038064.D

Acq: 16 Dec 2022 13:16

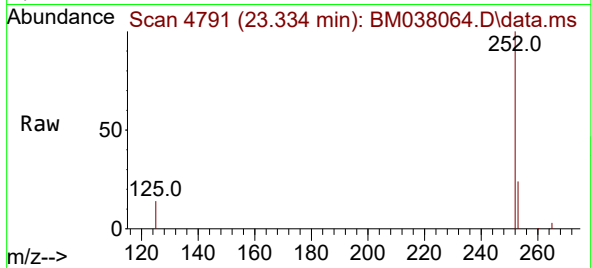
Tgt Ion:252 Resp: 598869
 Ion Ratio Lower Upper
 252 100
 253 22.7 0.0 51.8
 125 13.3 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 2.954 ng/ul m
RT: 23.334 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

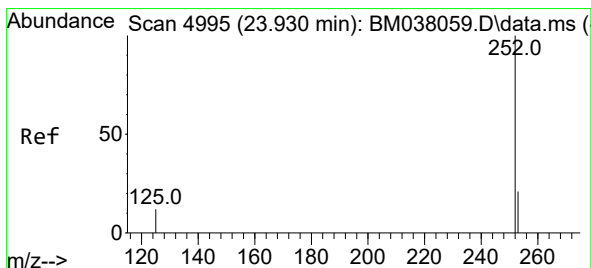
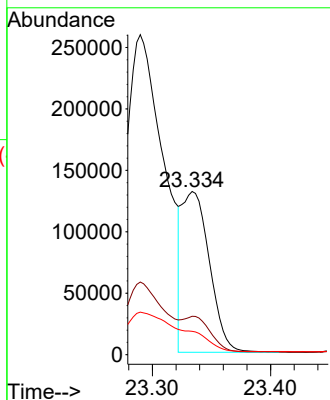
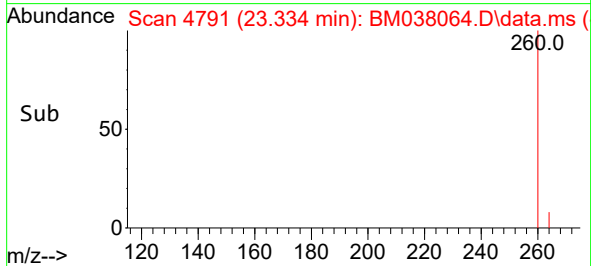
Instrument :
BNA_M
ClientSampleId :
DBXR1



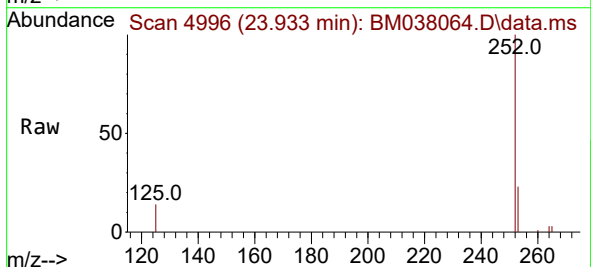
Tgt Ion:252 Resp: 211880
Ion Ratio Lower Upper
252 100
253 23.5 20.8 31.2
125 14.3 17.1 25.7

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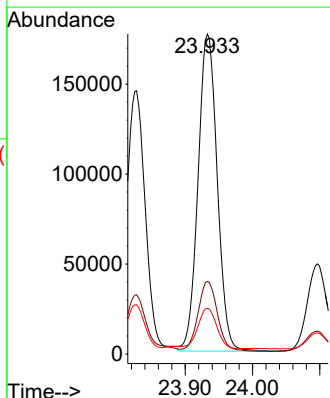
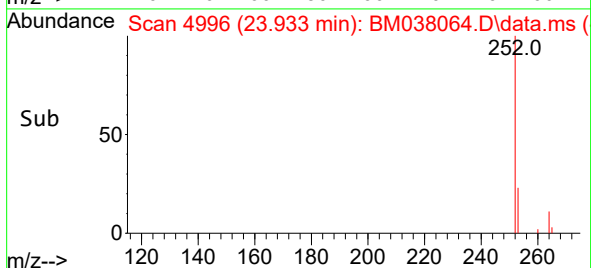
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

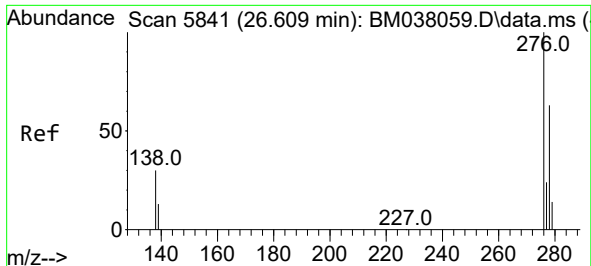


#26
Benzo(a)pyrene
Concen: 5.585 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16



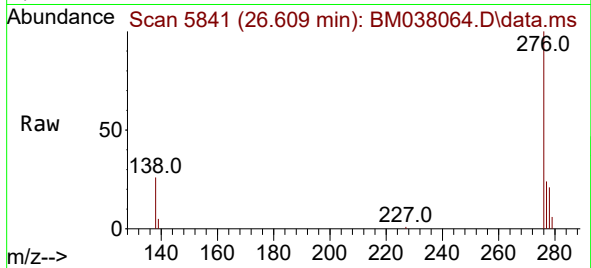
Tgt Ion:252 Resp: 349618
Ion Ratio Lower Upper
252 100
253 22.6 21.9 32.9
125 14.3 20.7 31.1





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.246 ng/ul
 RT: 26.609 min Scan# 5841
 Delta R.T. 0.000 min
 Lab File: BM038064.D
 Acq: 16 Dec 2022 13:16

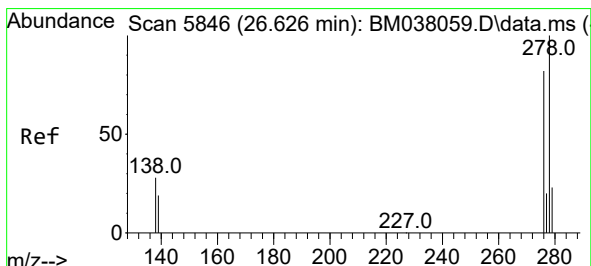
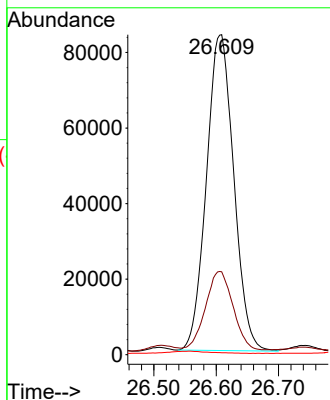
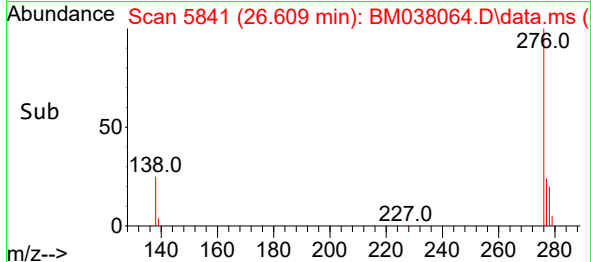
Instrument :
 BNA_M
 ClientSampleId :
 DBXR1



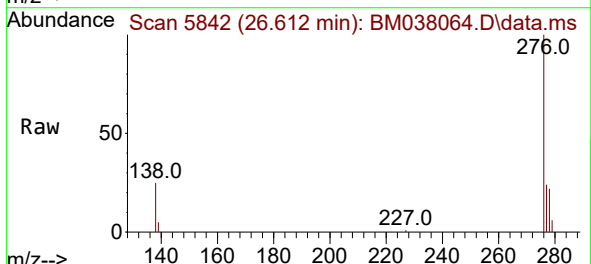
Tgt Ion: 276 Resp: 25508
 Ion Ratio Lower Upper
 276 100
 138 25.3 26.6 40.0
 227 0.0 0.1 0.1

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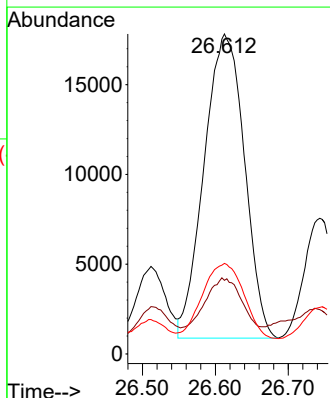
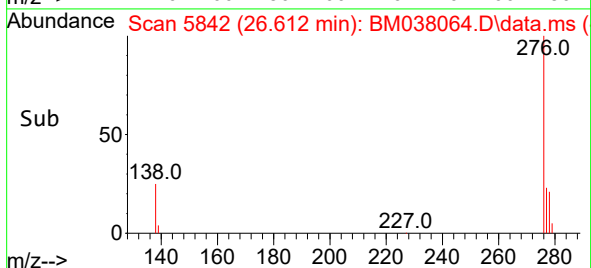
Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

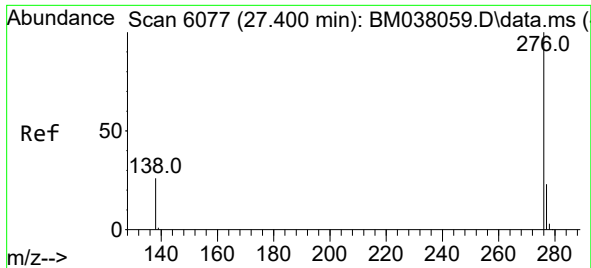


#28
 Dibenzo(a,h)anthracene
 Concen: 1.063 ng/ul
 RT: 26.612 min Scan# 5842
 Delta R.T. -0.010 min
 Lab File: BM038064.D
 Acq: 16 Dec 2022 13:16



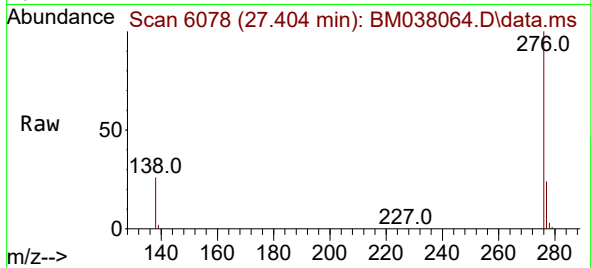
Tgt Ion: 278 Resp: 65077
 Ion Ratio Lower Upper
 278 100
 139 23.0 19.0 28.6
 279 28.3 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 3.441 ng/ul
RT: 27.404 min Scan# 6077
Delta R.T. 0.004 min
Lab File: BM038064.D
Acq: 16 Dec 2022 13:16

Instrument :
BNA_M
ClientSampleId :
DBXR1



Tgt Ion:276 Resp: 229690
Ion Ratio Lower Upper
276 100
138 26.4 24.1 36.1
277 24.0 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

