

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038123.D
 Acq On : 20 Dec 2022 04:15
 Operator : CG/JU
 Sample : N6006-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 04:58:29 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 : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	4904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	15663	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9003	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19690	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	16483	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	16189	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	28862	4.306	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	7846	0.343	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	19970	0.334	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.911	128	3700	0.078	ng/ul#	94
7) 2-Methylnaphthalene	12.511	142	1437	0.049	ng/ul	97
8) 1-Methylnaphthalene	12.731	142	998	0.033	ng/ul	95
10) Acenaphthylene	14.398	152	3551	0.075	ng/ul#	93
11) Acenaphthene	14.735	153	906	0.025	ng/ul	95
12) Fluorene	15.716	166	812	0.020	ng/ul#	90
14) Pentachlorophenol	17.063	266	182	0.022	ng/ul	95
15) Phenanthrene	17.451	178	24486	0.369	ng/ul	99
16) Anthracene	17.544	178	5209	0.085	ng/ul	93
19) Fluoranthene	19.459	202	85306	1.002	ng/ul	99
20) Pyrene	19.822	202	69885m	0.804	ng/ul	
21) Benzo(a)anthracene	21.559	228	42226	0.593	ng/ul	99
22) Chrysene	21.615	228	53439	0.744	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	82160	1.070	ng/ul	98
25) Benzo(k)fluoranthene	23.325	252	28318m	0.382	ng/ul	
26) Benzo(a)pyrene	23.921	252	47953	0.742	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.585	276	38879	0.479	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.599	278	9563	0.151	ng/ul#	84
29) Benzo(g,h,i)perylene	27.380	276	32910	0.477	ng/ul	98

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

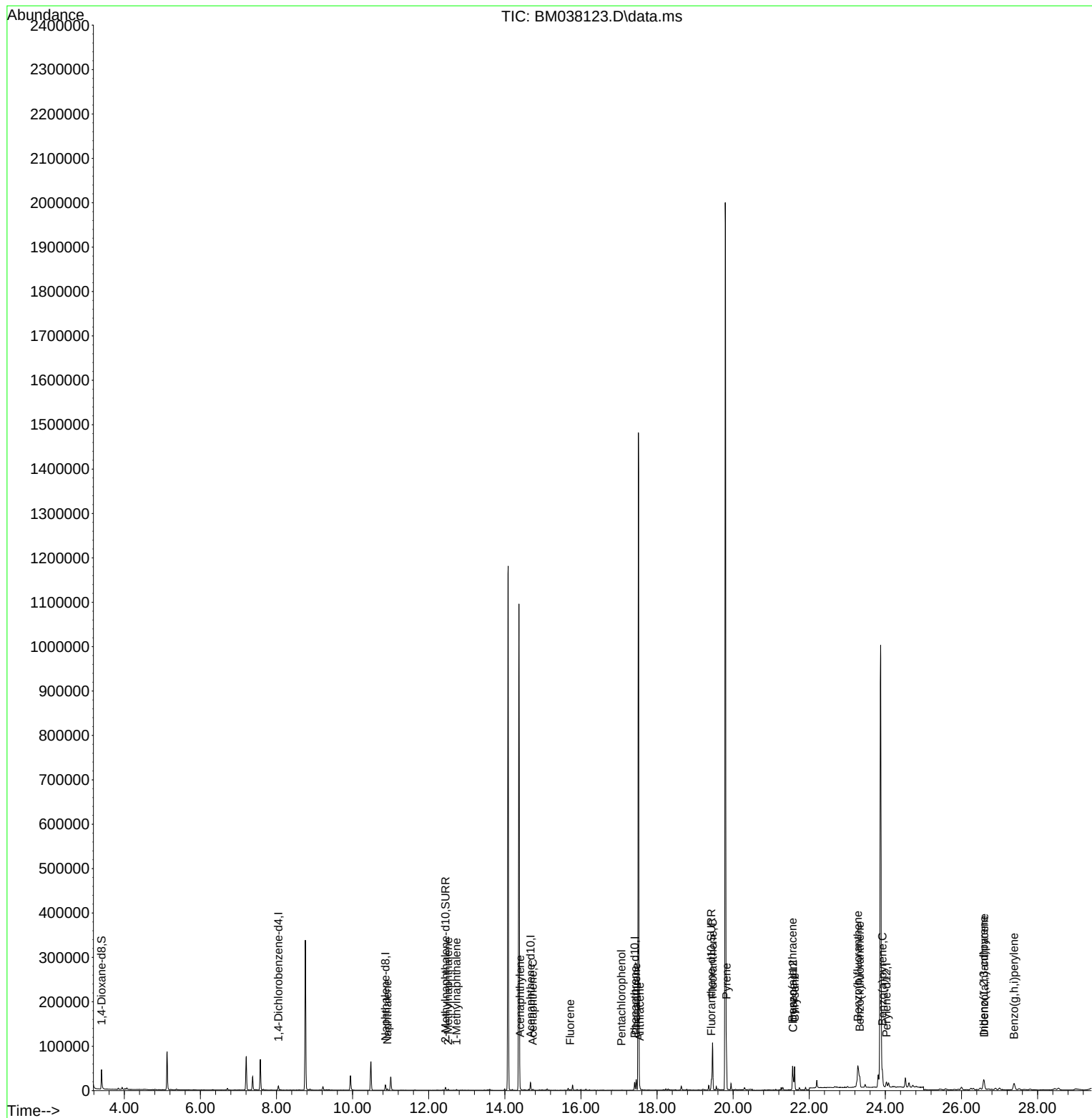
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038123.D
Acq On : 20 Dec 2022 04:15
Operator : CG/JU
Sample : N6006-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

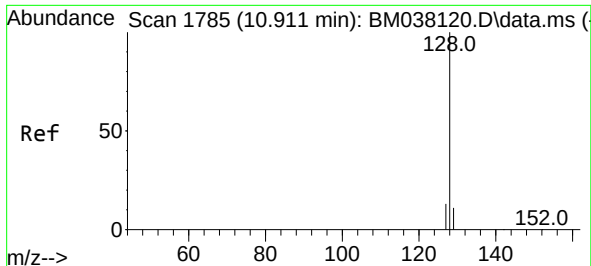
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Supervised By :mohammad ahmed 12/20/2022

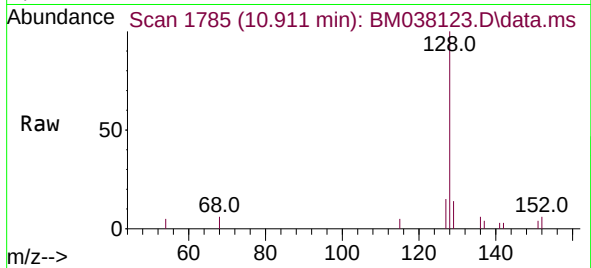
Quant Time: Dec 20 04:58:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

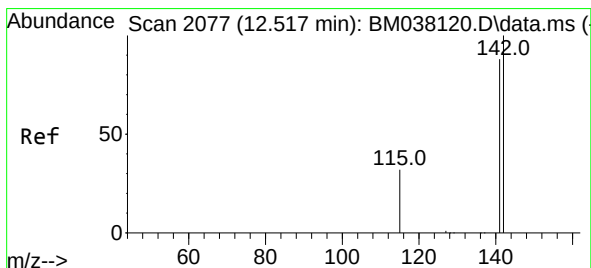
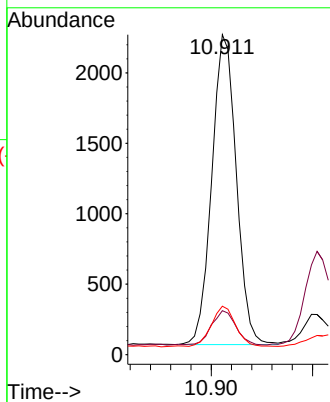
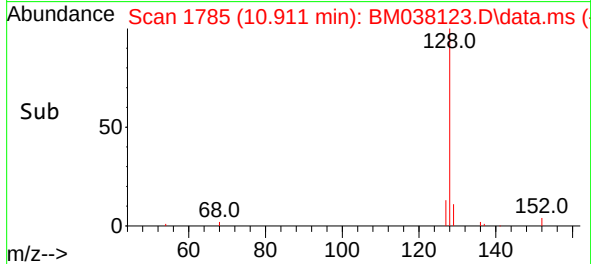
Instrument :
BNA_M
ClientSampleId :
DBXZ3



Tgt Ion:128 Resp: 3700
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7
127 15.1 10.4 15.6

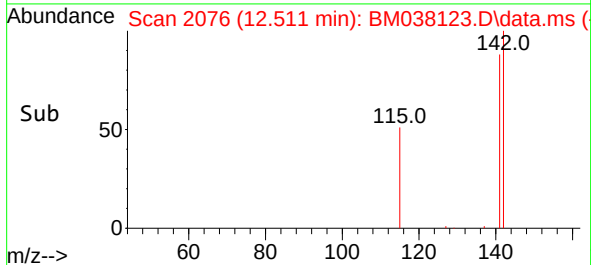
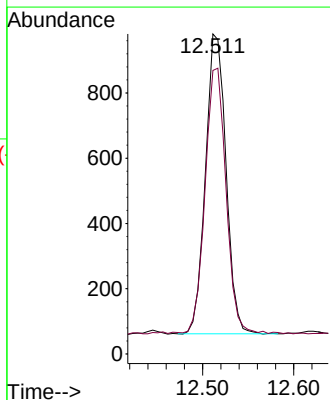
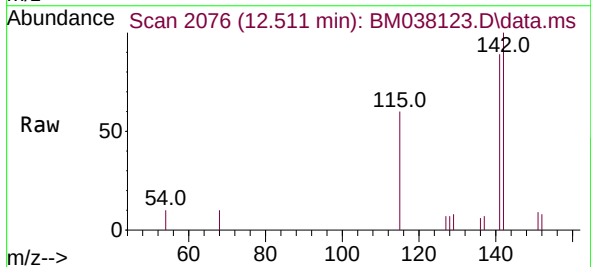
Manual Integrations
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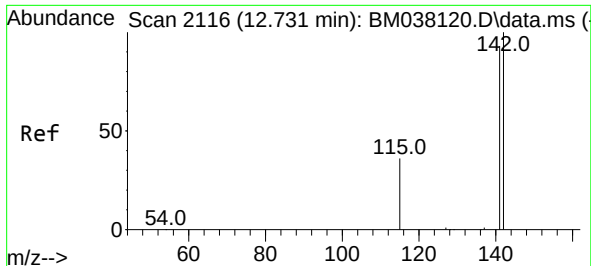
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.511 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

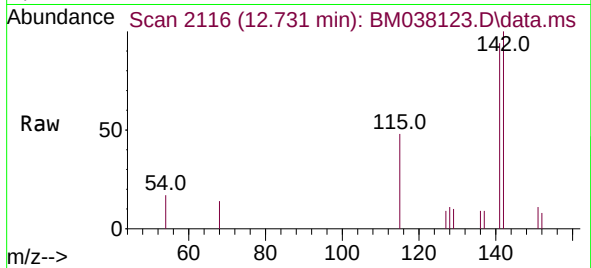
Tgt Ion:142 Resp: 1437
Ion Ratio Lower Upper
142 100
141 90.3 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.731 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

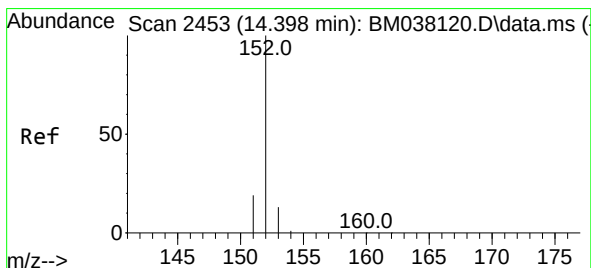
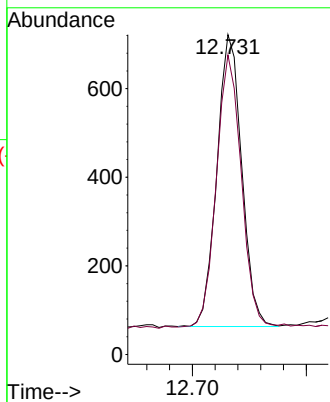
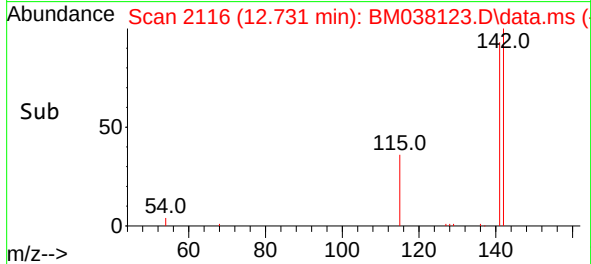
Instrument :
BNA_M
ClientSampleId :
DBXZ3



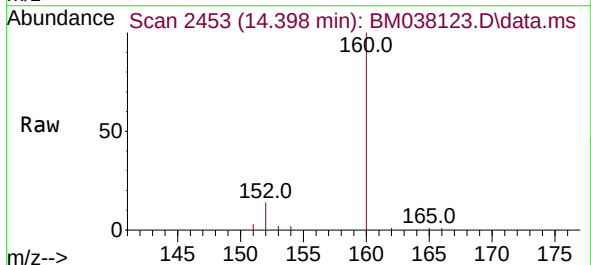
Tgt Ion:142 Resp: 998
Ion Ratio Lower Upper
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141 96.6 73.6 110.4

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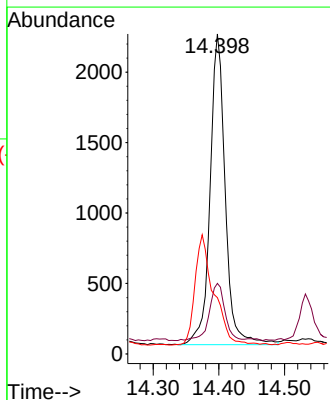
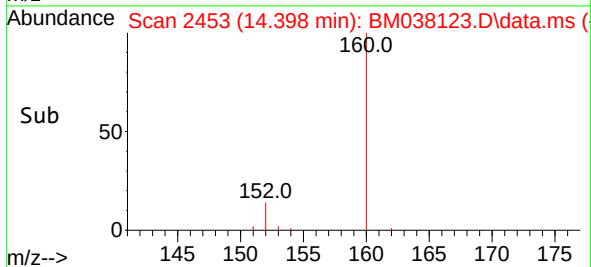
Reviewed By :Jagrut Upadhyay 12/20/2022
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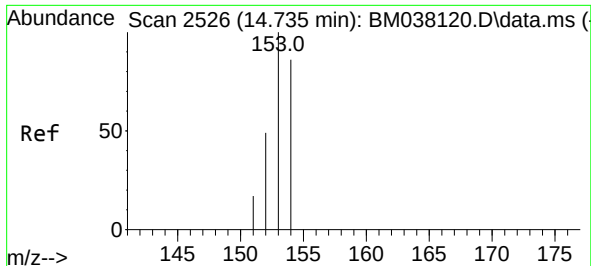


#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



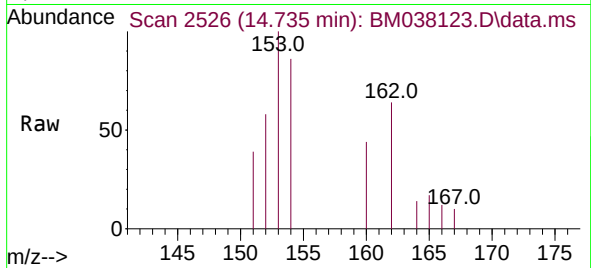
Tgt Ion:152 Resp: 3551
Ion Ratio Lower Upper
152 100
151 22.0 15.5 23.3
153 17.6 11.0 16.4#





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.735 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

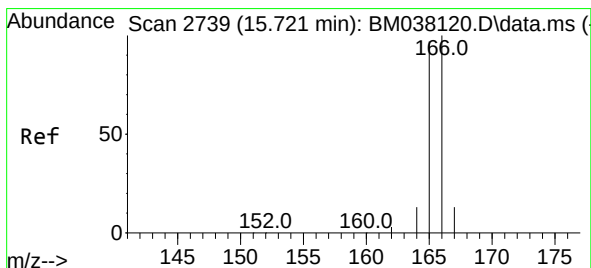
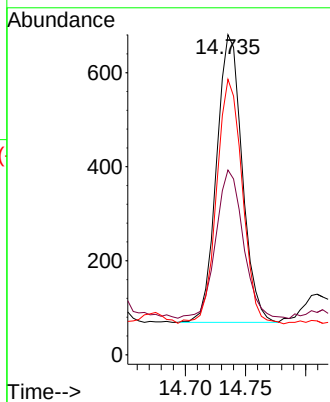
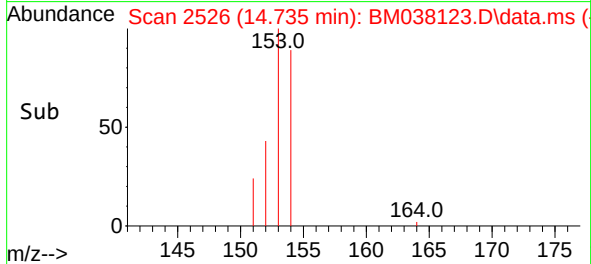
Instrument :
BNA_M
ClientSampleId :
DBXZ3



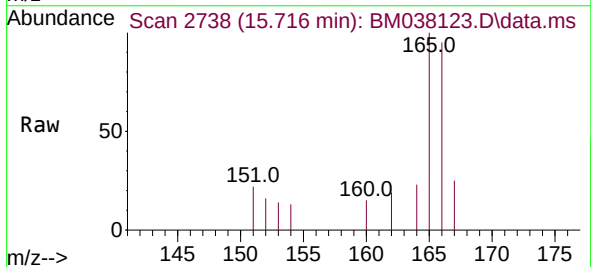
Tgt Ion:153 Resp: 906
Ion Ratio Lower Upper
153 100
152 57.7 39.5 59.3
154 86.0 69.2 103.8

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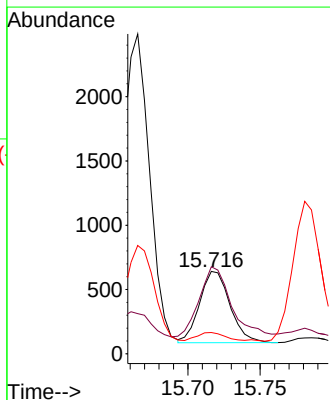
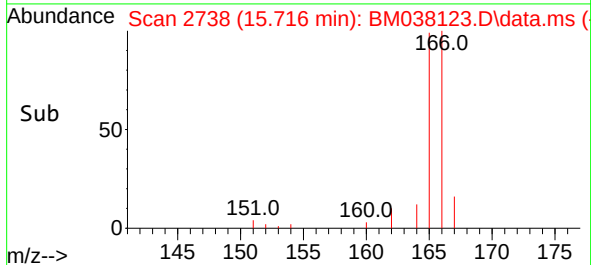
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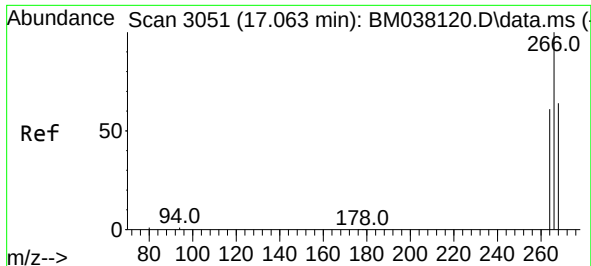


#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.716 min Scan# 2738
Delta R.T. -0.005 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



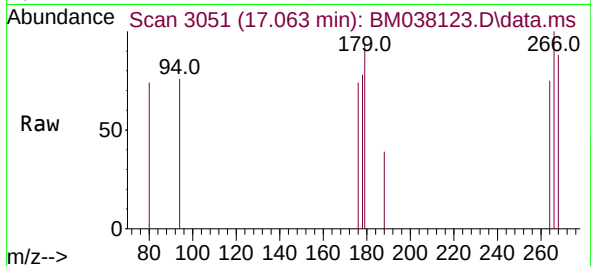
Tgt Ion:166 Resp: 812
Ion Ratio Lower Upper
166 100
165 105.6 79.0 118.4
167 25.9 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

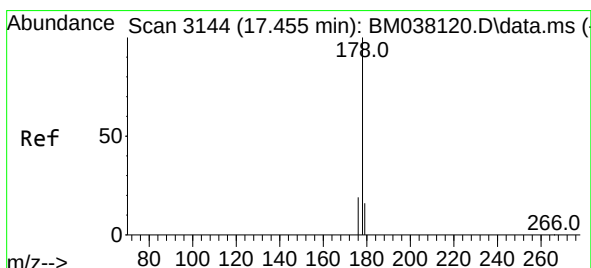
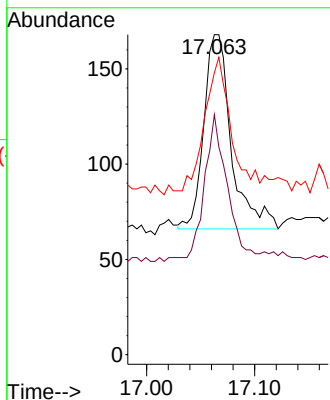
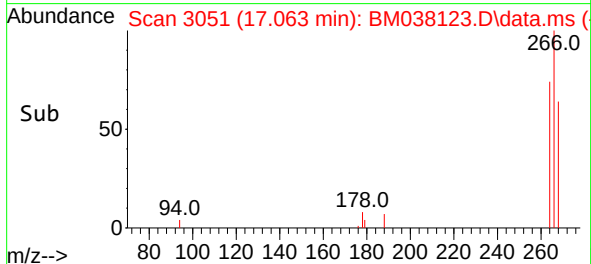
Instrument :
BNA_M
ClientSampleId :
DBXZ3



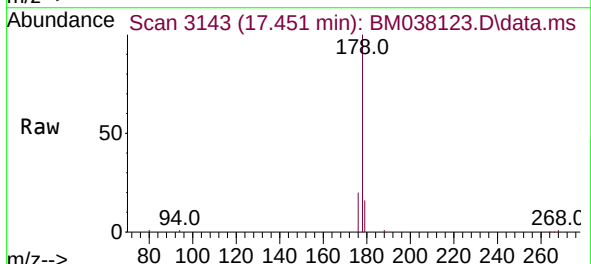
Tgt Ion:266 Resp: 182
Ion Ratio Lower Upper
266 100
264 64.8 49.9 74.9
268 70.9 52.0 78.0

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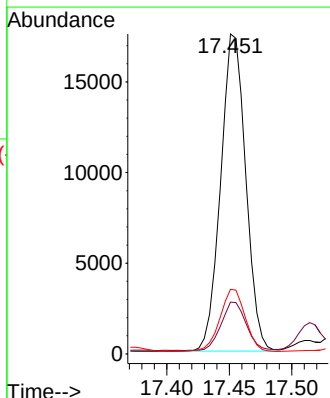
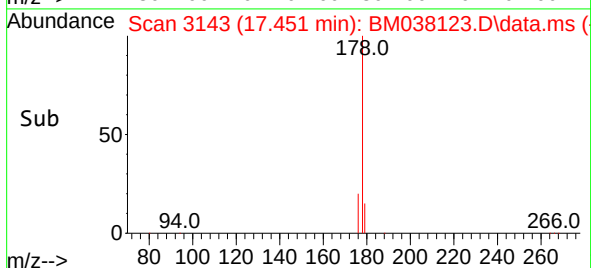
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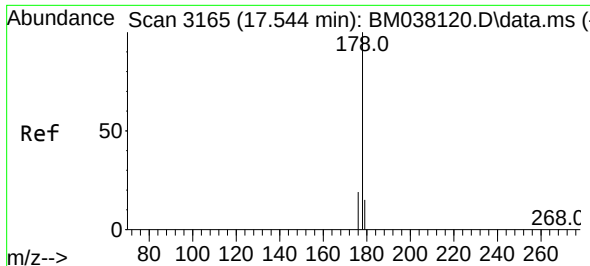


#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



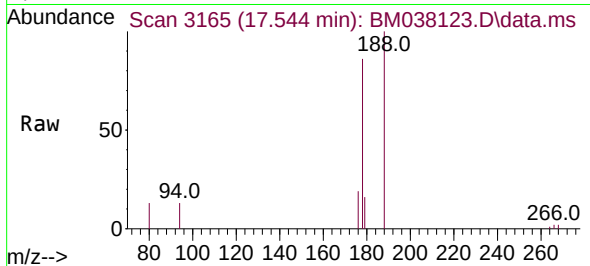
Tgt Ion:178 Resp: 24486
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 15.8 23.6





#16
 Anthracene
 Concen: 0.085 ng/u1
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038123.D
 Acq: 20 Dec 2022 04:15

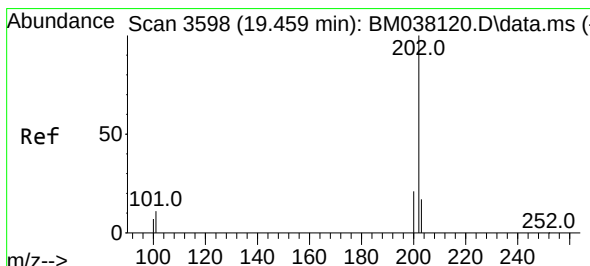
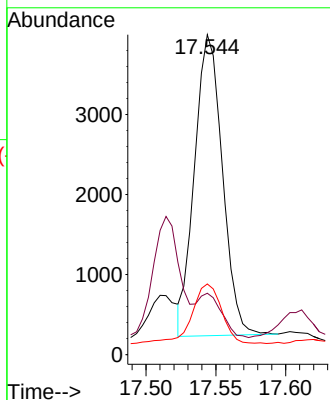
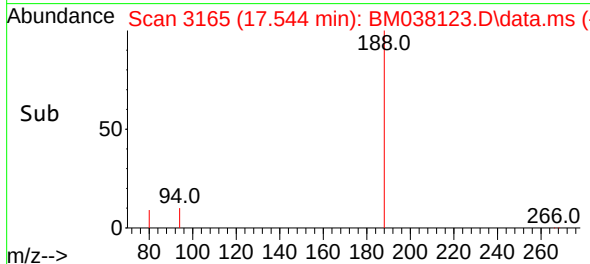
Instrument :
 BNA_M
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 DBXZ3



Tgt Ion:178 Resp: 5209
 Ion Ratio Lower Upper
 178 100
 179 19.2 13.0 19.4
 176 22.1 15.0 22.4

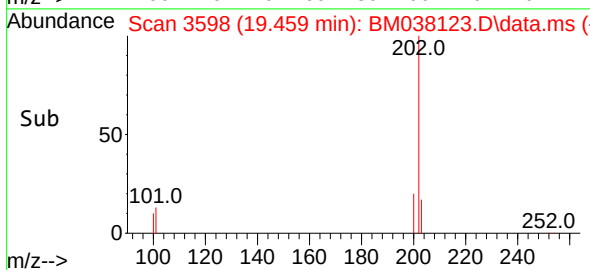
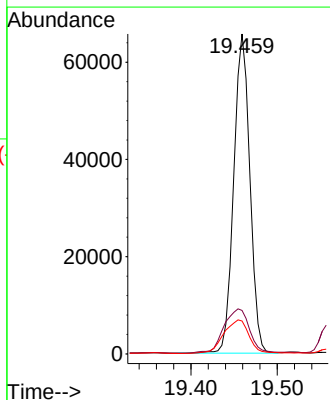
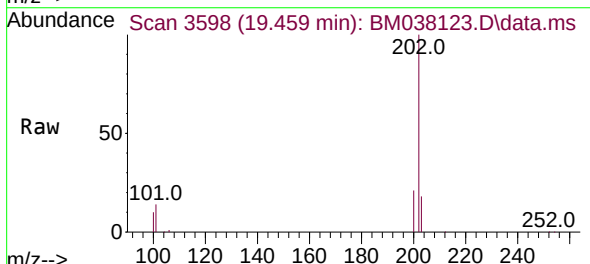
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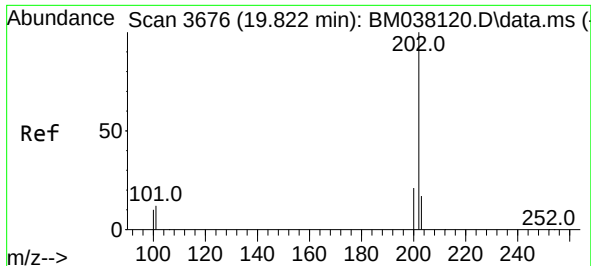
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 1.002 ng/u1
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038123.D
 Acq: 20 Dec 2022 04:15

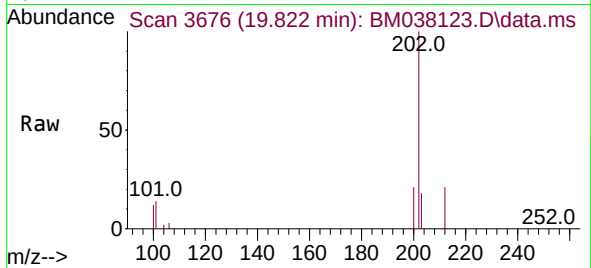
Tgt Ion:202 Resp: 85306
 Ion Ratio Lower Upper
 202 100
 101 13.6 10.6 15.8
 100 10.3 7.9 11.9





#20
Pyrene
Concen: 0.804 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

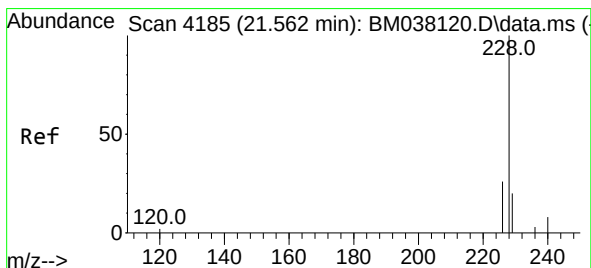
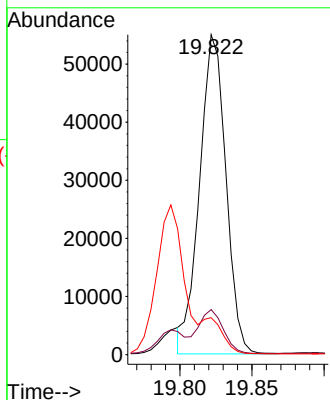
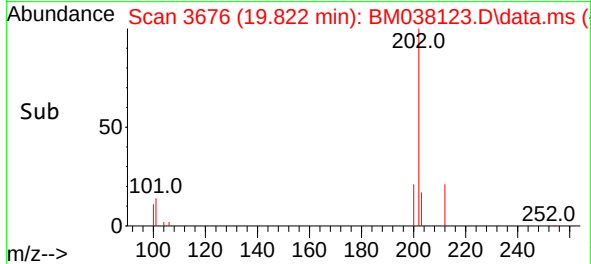
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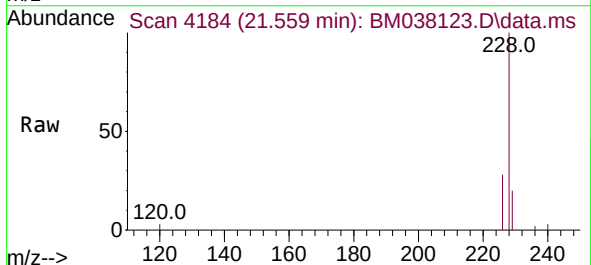
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Ion Ratio Lower Upper
202 100
101 14.1 12.1 18.1
100 11.5 9.8 14.6

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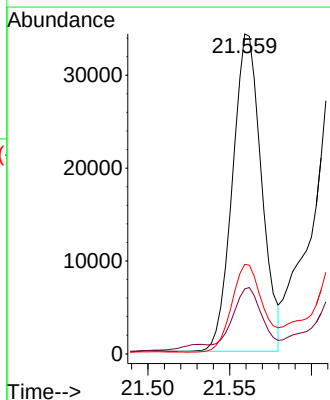
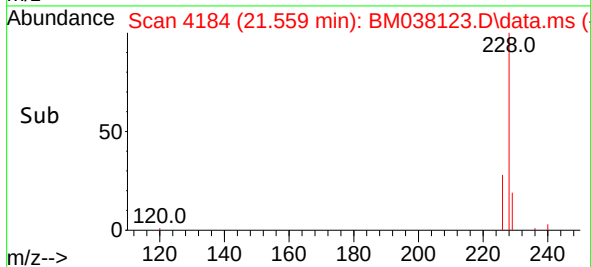
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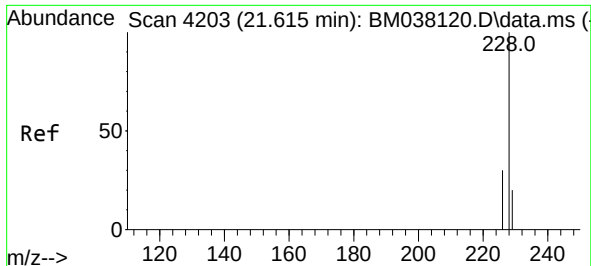


#21
Benzo(a)anthracene
Concen: 0.593 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.006 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



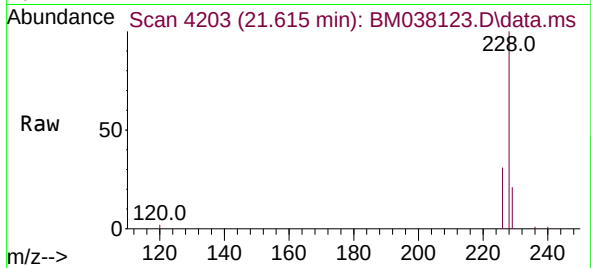
Tgt Ion:228 Resp: 42226
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 28.0 22.1 33.1





#22
Chrysene
Concen: 0.744 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

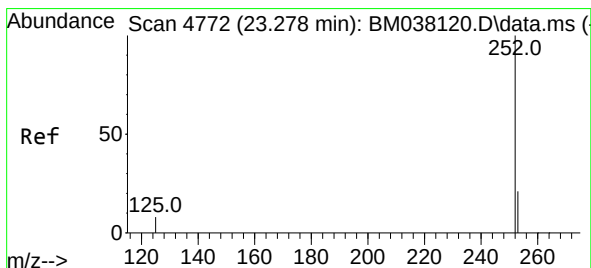
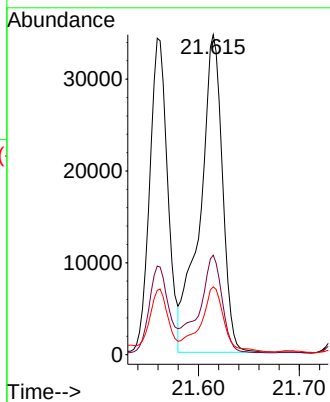
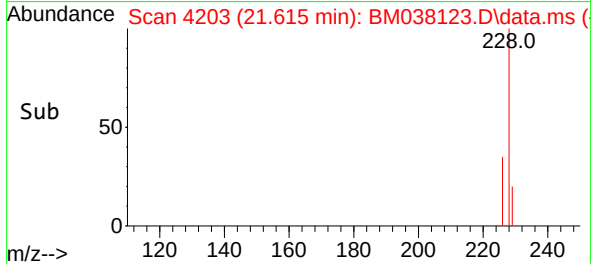
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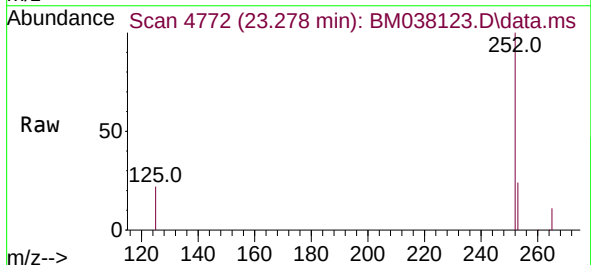
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Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 21.2 15.7 23.5

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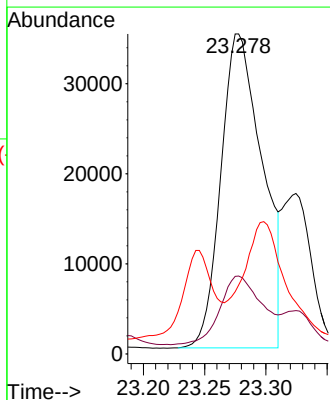
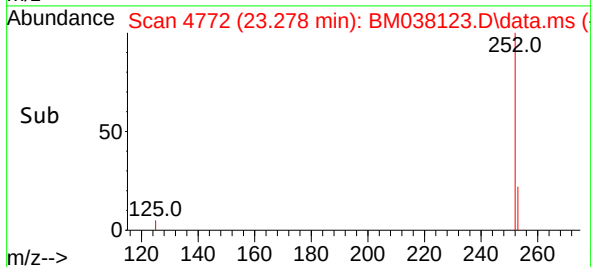
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

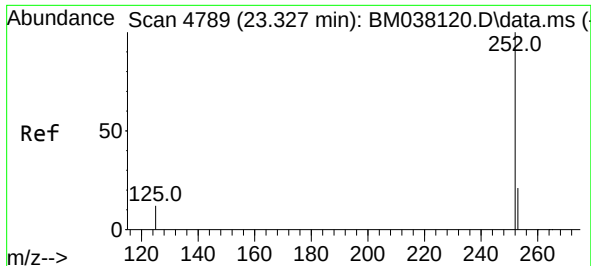


#24
Benzo(b)fluoranthene
Concen: 1.070 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



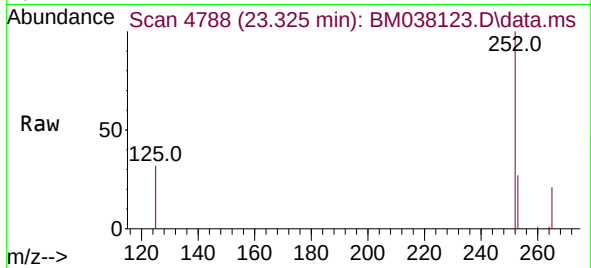
Tgt Ion:252 Resp: 82160
Ion Ratio Lower Upper
252 100
253 24.3 0.0 51.8
125 21.6 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

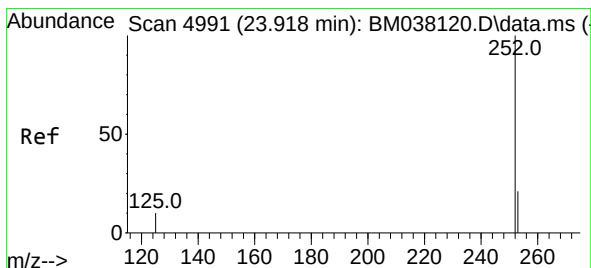
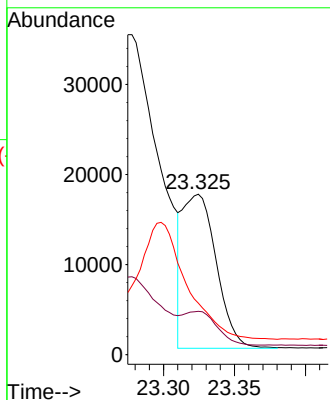
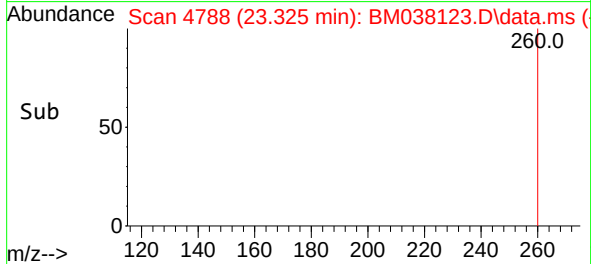
Instrument :
BNA_M
ClientSampleId :
DBXZ3



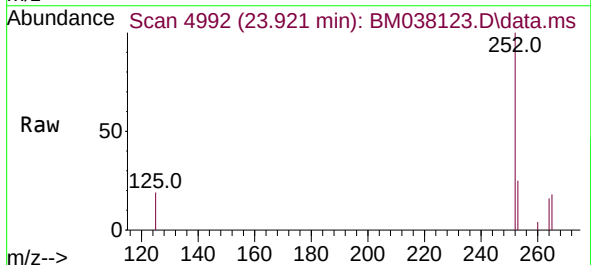
Tgt Ion:252 Resp: 28318
Ion Ratio Lower Upper
252 100
253 27.0 20.8 31.2
125 32.1 17.1 25.7

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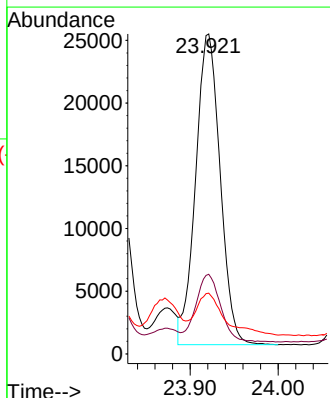
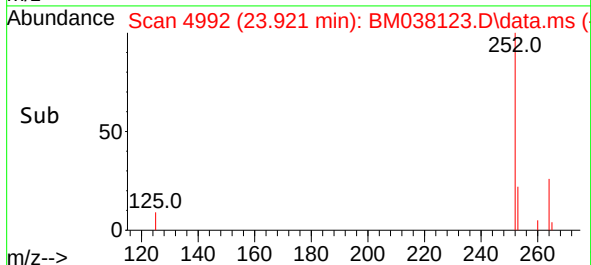
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

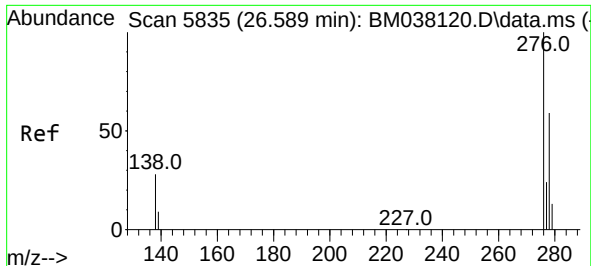


#26
Benzo(a)pyrene
Concen: 0.742 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



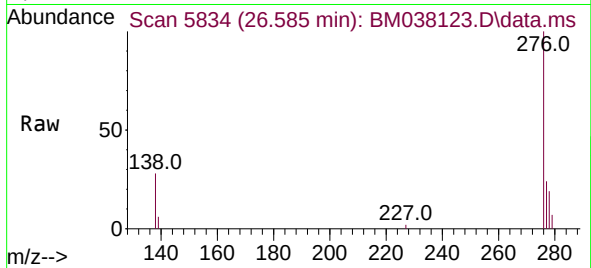
Tgt Ion:252 Resp: 47953
Ion Ratio Lower Upper
252 100
253 24.9 21.9 32.9
125 19.0 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.479 ng/ul
RT: 26.585 min Scan# 5835
Delta R.T. -0.013 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

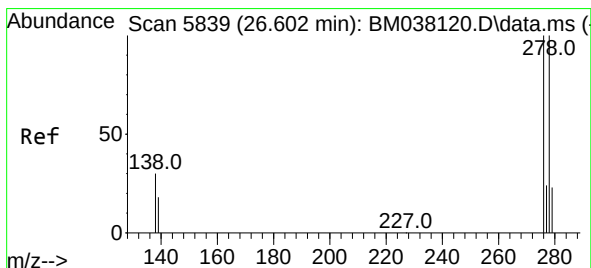
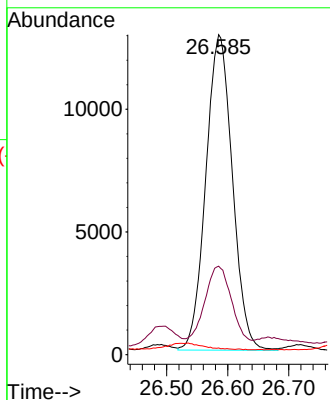
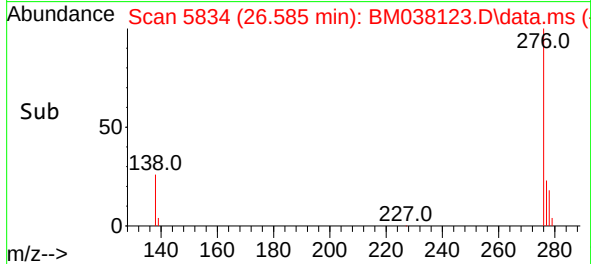
Instrument :
BNA_M
ClientSampleId :
DBXZ3



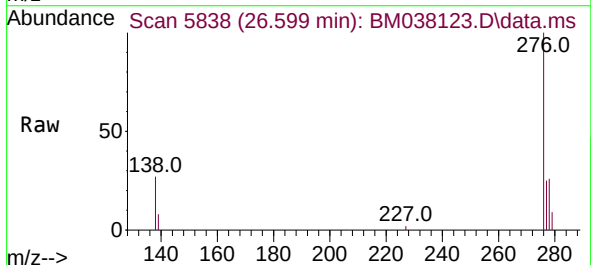
Tgt Ion: 276 Resp: 38879
Ion Ratio Lower Upper
276 100
138 23.2 26.6 40.0#
227 0.0 0.1 0.1#

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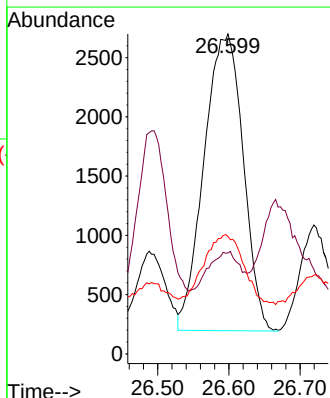
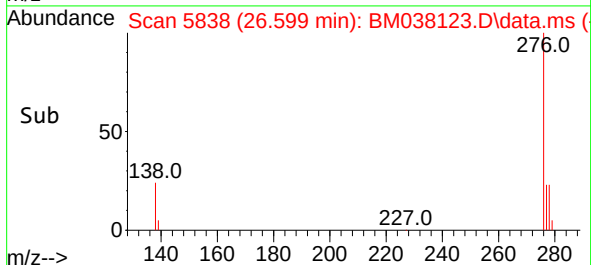
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

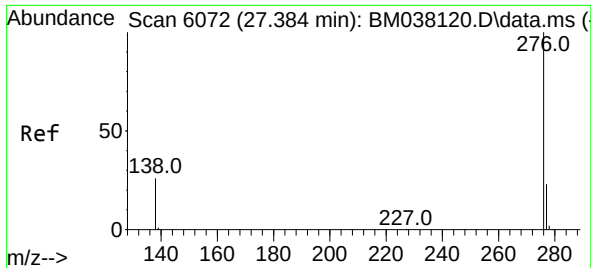


#28
Dibenzo(a,h)anthracene
Concen: 0.151 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15



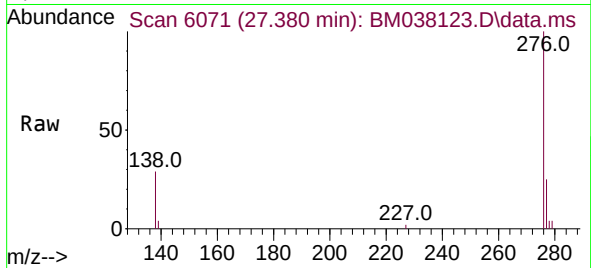
Tgt Ion: 278 Resp: 9563
Ion Ratio Lower Upper
278 100
139 31.5 19.0 28.6#
279 36.7 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. -0.013 min
Lab File: BM038123.D
Acq: 20 Dec 2022 04:15

Instrument :
BNA_M
ClientSampleId :
DBXZ3



Tgt Ion: 276 Resp: 32910
Ion Ratio Lower Upper
276 100
138 29.0 24.1 36.1
277 24.5 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

