

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038101.D
 Acq On : 19 Dec 2022 14:14
 Operator : CG/JU
 Sample : N6006-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV6

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 14:51:03 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	6849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	11796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	23871	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16173	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	15353	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	34693	3.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	9528	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	19173	0.327	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	2725	0.041	ng/ul#	91
7) 2-Methylnaphthalene	12.517	142	1494	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1156	0.028	ng/ul	96
10) Acenaphthylene	14.402	152	2525	0.041	ng/ul#	89
11) Acenaphthene	14.740	153	1050	0.022	ng/ul	96
14) Pentachlorophenol	17.067	266	476	0.048	ng/ul	91
15) Phenanthrene	17.455	178	21543	0.268	ng/ul	98
16) Anthracene	17.548	178	4335	0.058	ng/ul#	90
19) Fluoranthene	19.459	202	74216	0.888	ng/ul#	90
20) Pyrene	19.826	202	58171m	0.682	ng/ul	
21) Benzo(a)anthracene	21.562	228	30364	0.435	ng/ul	98
22) Chrysene	21.618	228	36968	0.524	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	53148	0.730	ng/ul	100
25) Benzo(k)fluoranthene	23.328	252	19916m	0.283	ng/ul	
26) Benzo(a)pyrene	23.924	252	30918	0.504	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.592	276	25326	0.329	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.602	278	6370	0.106	ng/ul#	74
29) Benzo(g,h,i)perylene	27.394	276	23718	0.363	ng/ul	98

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

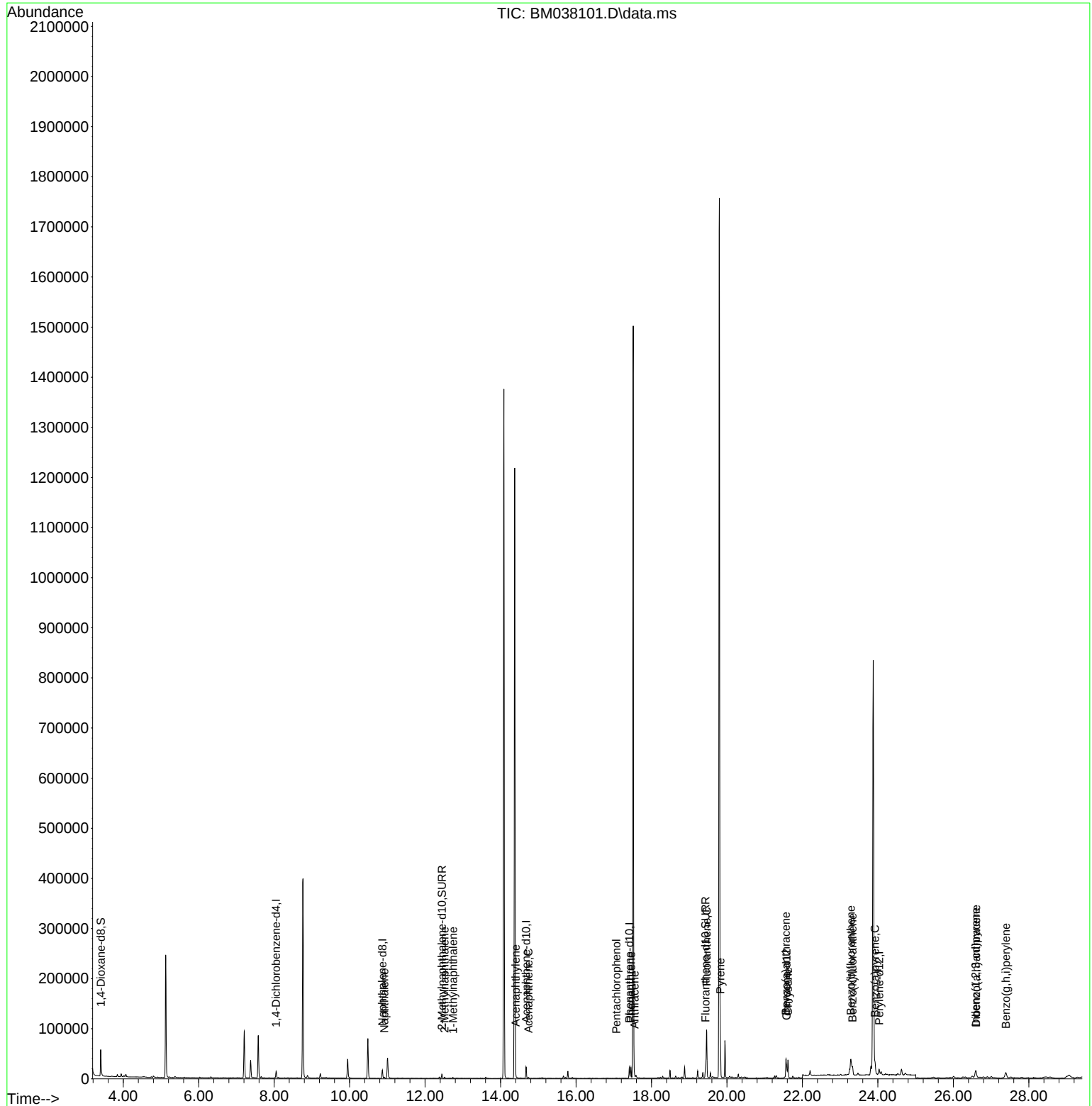
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038101.D
Acq On : 19 Dec 2022 14:14
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ALS Vial : 5 Sample Multiplier: 1

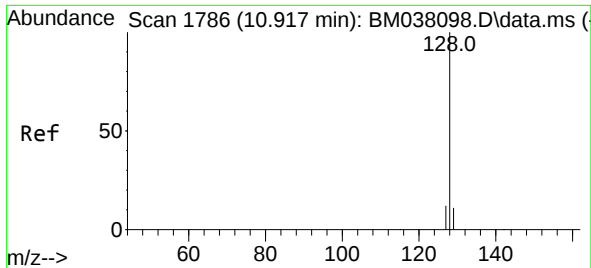
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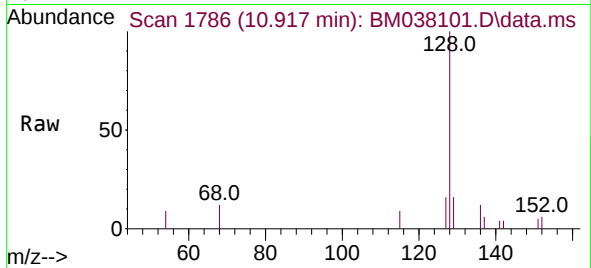
Quant Time: Dec 19 14:51:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

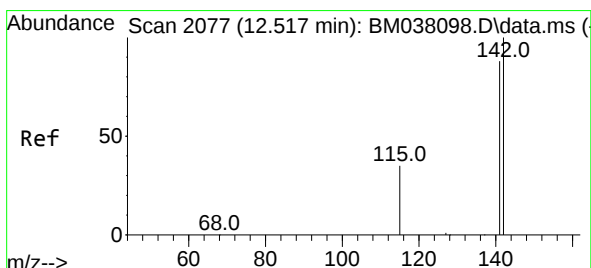
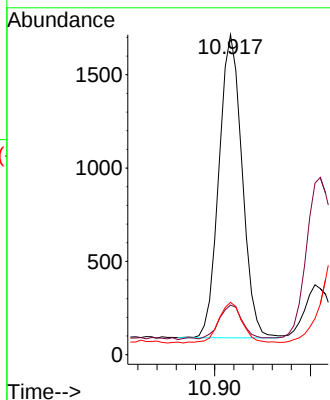
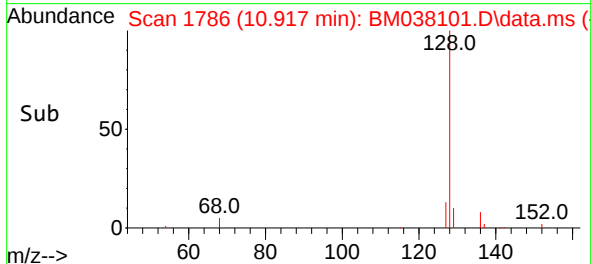
Instrument :
BNA_M
ClientSampleId :
DBXV6



Tgt Ion:128 Resp: 2725
Ion Ratio Lower Upper
128 100
129 15.5 9.1 13.7
127 16.3 10.4 15.6

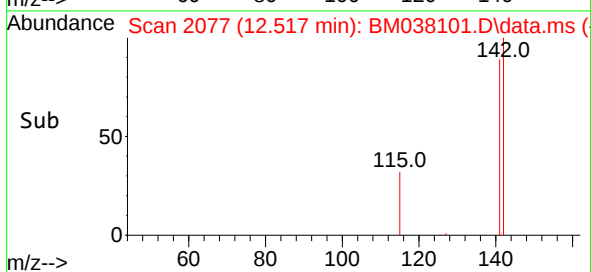
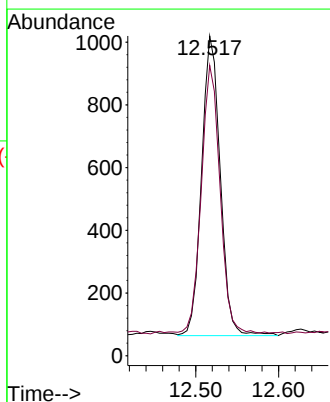
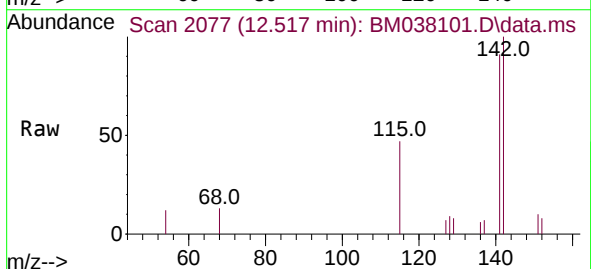
Manual Integrations
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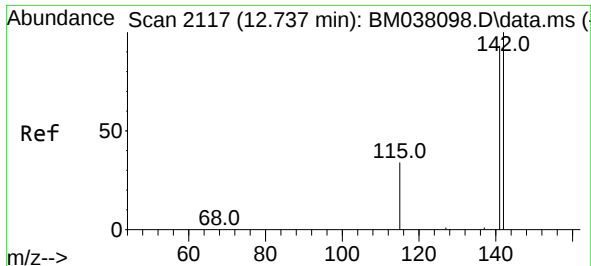
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

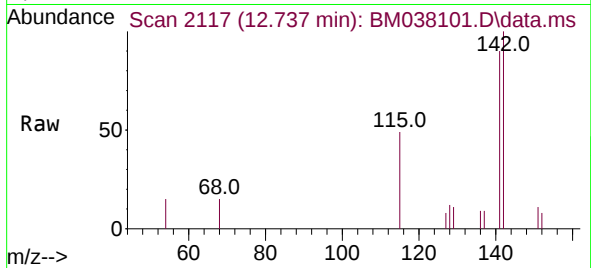
Tgt Ion:142 Resp: 1494
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

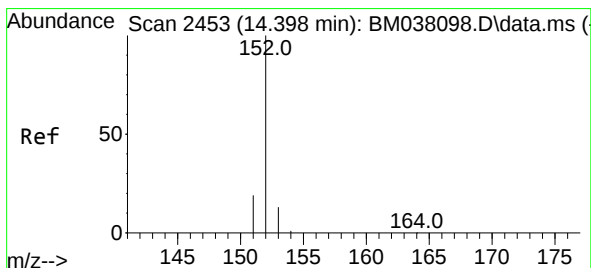
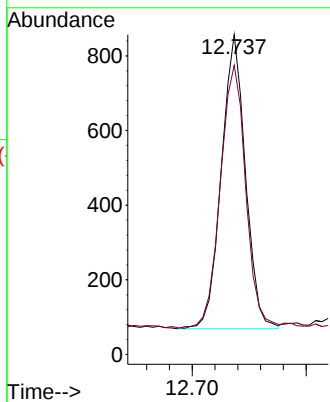
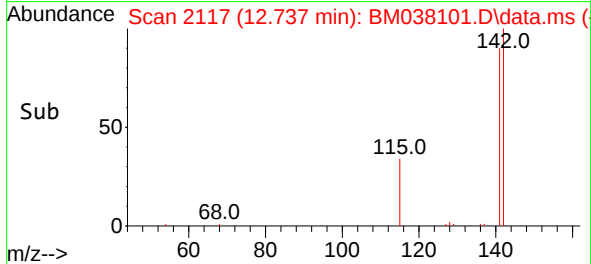
Instrument :
BNA_M
ClientSampleId :
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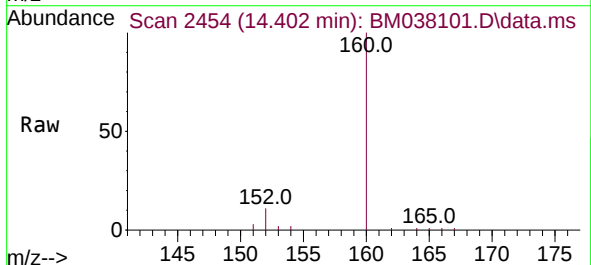
Tgt Ion:142 Resp: 1156
Ion Ratio Lower Upper
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141 95.5 73.6 110.4

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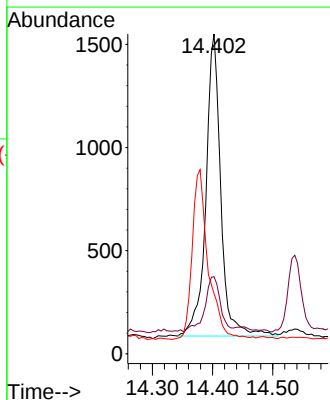
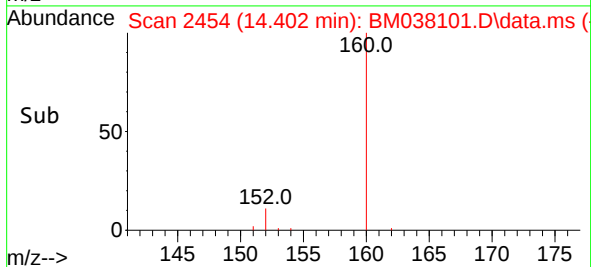
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

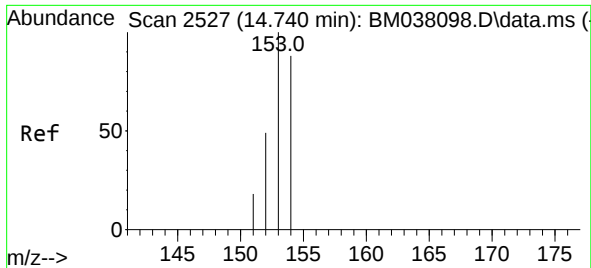


#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14



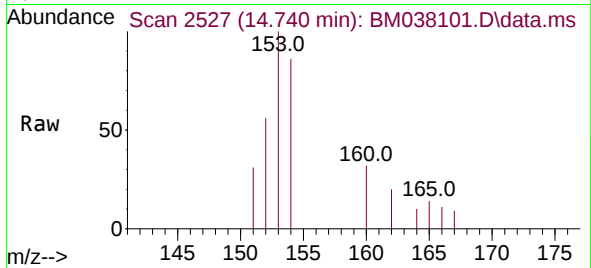
Tgt Ion:152 Resp: 2525
Ion Ratio Lower Upper
152 100
151 24.1 15.5 23.3#
153 18.8 11.0 16.4#





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

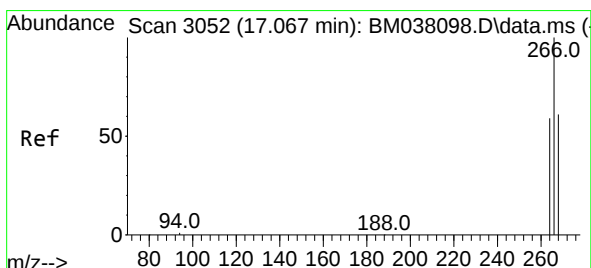
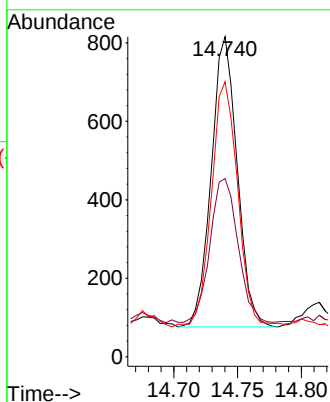
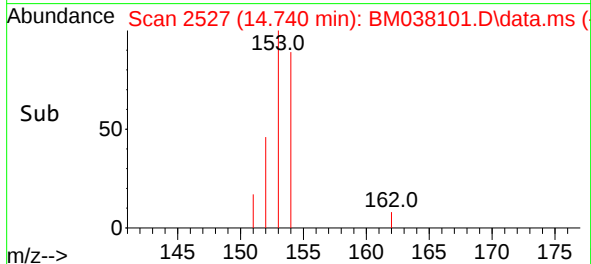
Instrument :
BNA_M
ClientSampleId :
DBXV6



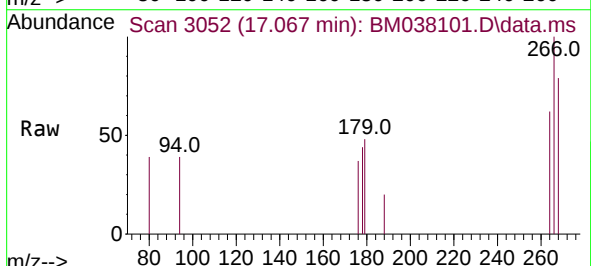
Tgt Ion:153 Resp: 1050
Ion Ratio Lower Upper
153 100
152 55.6 39.5 59.3
154 85.9 69.2 103.8

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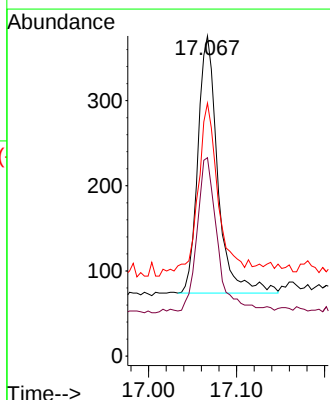
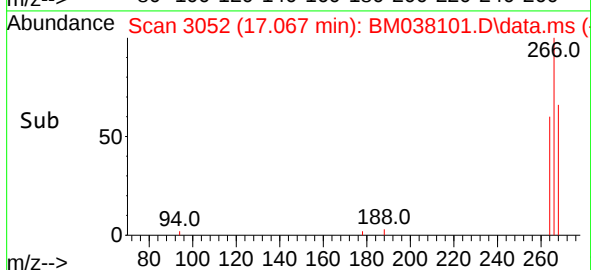
Reviewed By :Jagrut Upadhyay 12/20/2022
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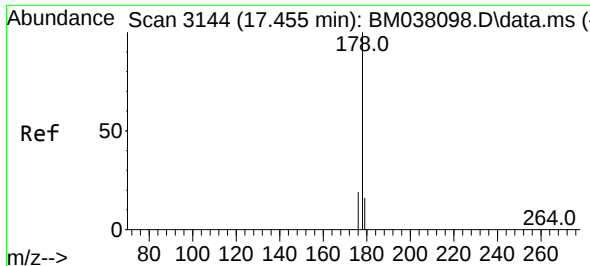


#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14



Tgt Ion:266 Resp: 476
Ion Ratio Lower Upper
266 100
264 60.5 49.9 74.9
268 77.3 52.0 78.0





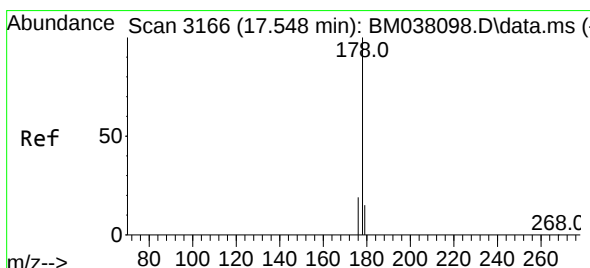
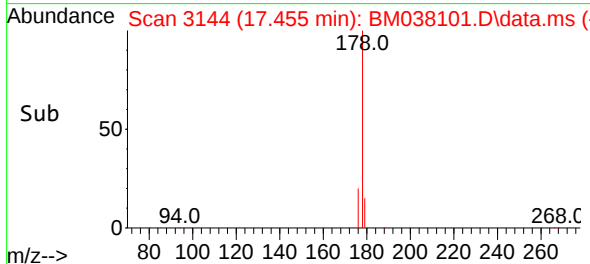
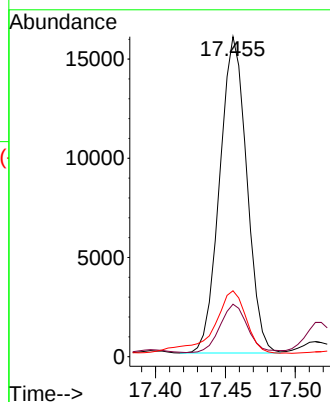
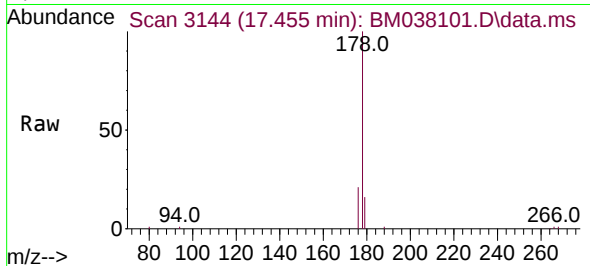
#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Instrument :
BNA_M
ClientSampleId :
DBXV6

Tgt Ion:178 Resp: 21543
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.6 15.8 23.6

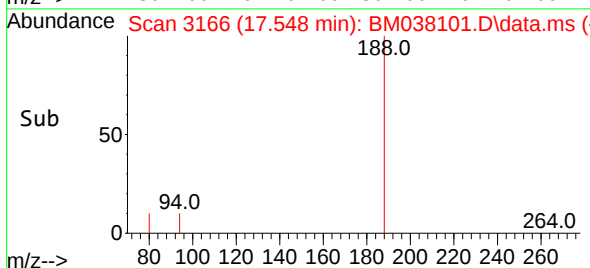
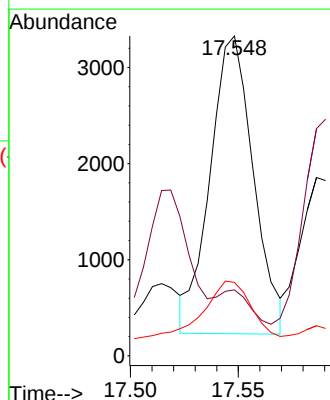
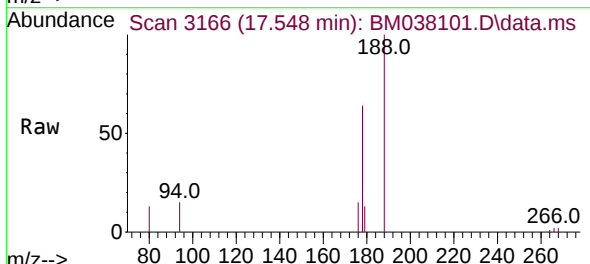
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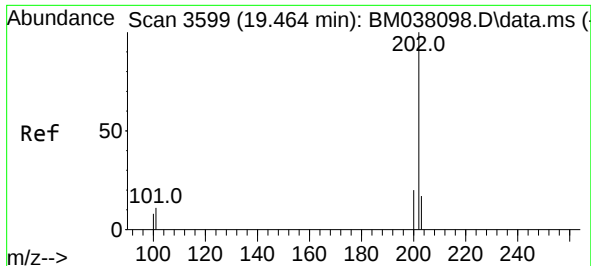
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Tgt Ion:178 Resp: 4335
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.4#
176 22.9 15.0 22.4#





#19

Fluoranthene

Concen: 0.888 ng/ul

RT: 19.459 min Scan# 3599

Delta R.T. -0.005 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Instrument :

BNA_M

ClientSampleId :

DBXV6

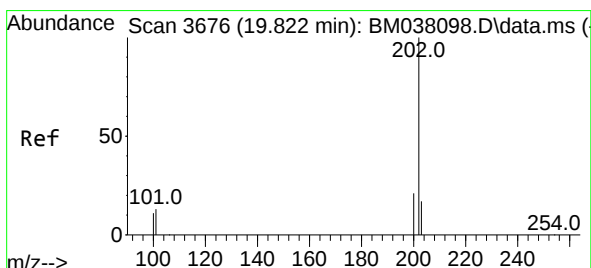
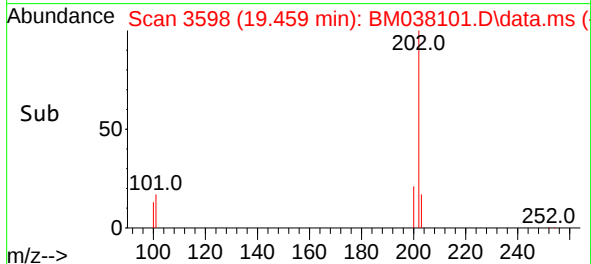
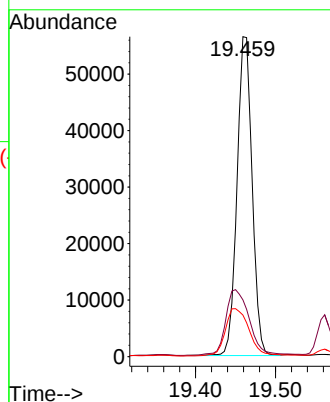
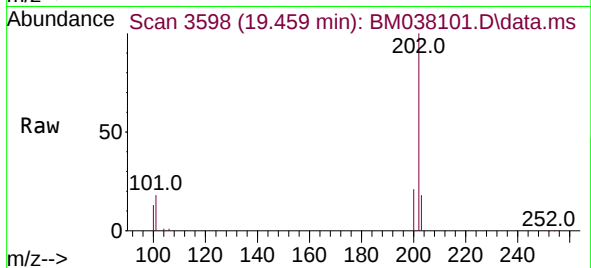
Tgt Ion:202 Resp: 74216

Ion	Ratio	Lower	Upper
202	100		
101	17.7	10.6	15.8
100	13.0	7.9	11.9

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#20

Pyrene

Concen: 0.682 ng/ul m

RT: 19.826 min Scan# 3677

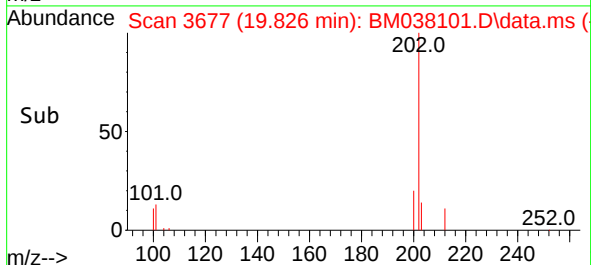
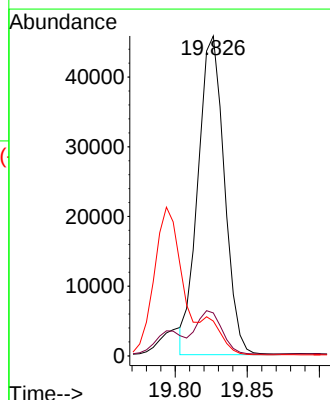
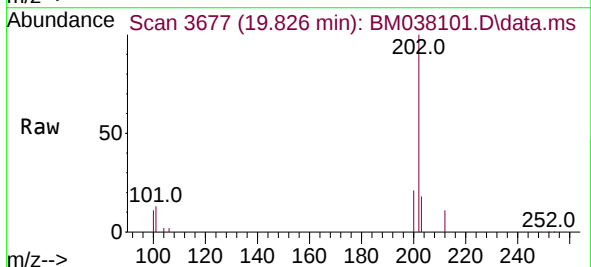
Delta R.T. 0.000 min

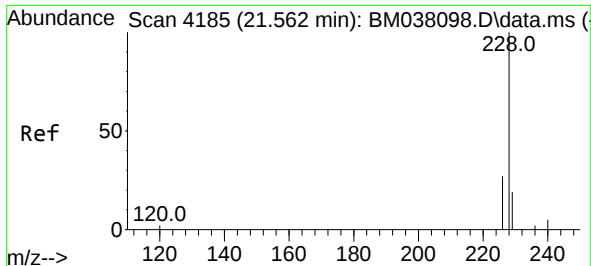
Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Tgt Ion:202 Resp: 58171

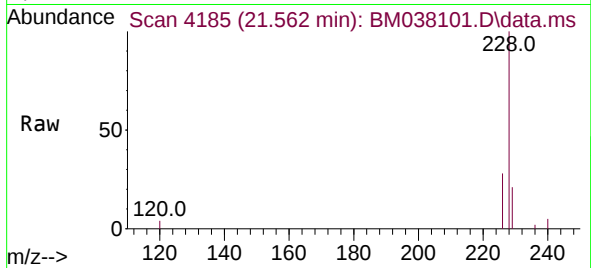
Ion	Ratio	Lower	Upper
202	100		
101	13.4	12.1	18.1
100	10.9	9.8	14.6





#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

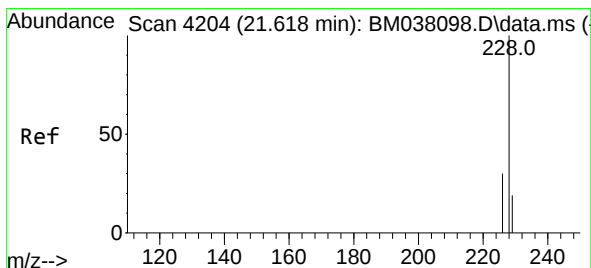
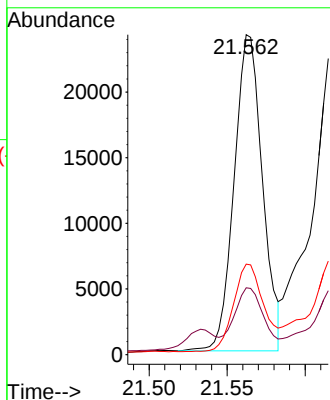
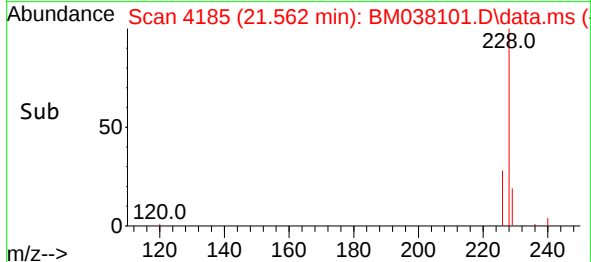
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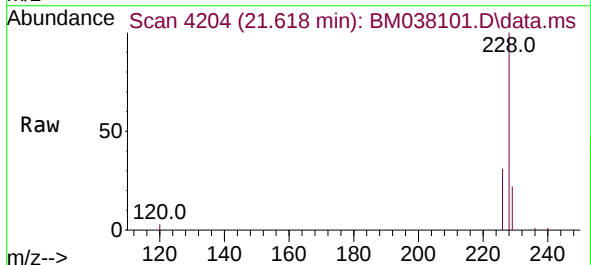
Tgt Ion:228 Resp: 30364
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 28.3 22.1 33.1

Manual Integrations
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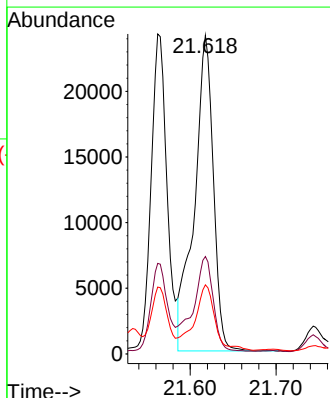
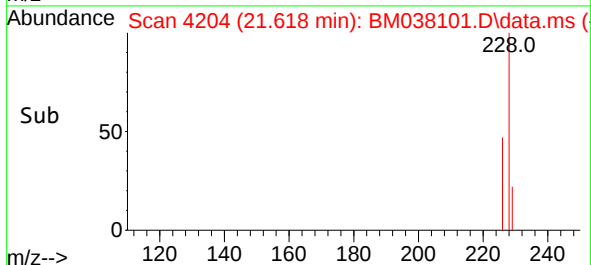
Reviewed By :Jagrut Upadhyay 12/20/2022
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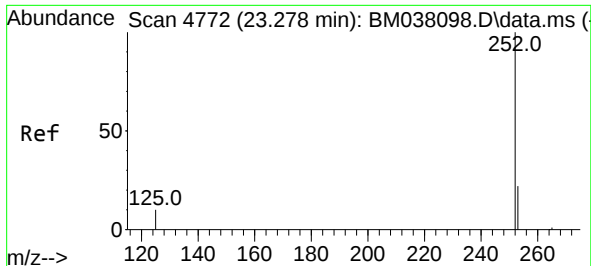


#22
Chrysene
Concen: 0.524 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14



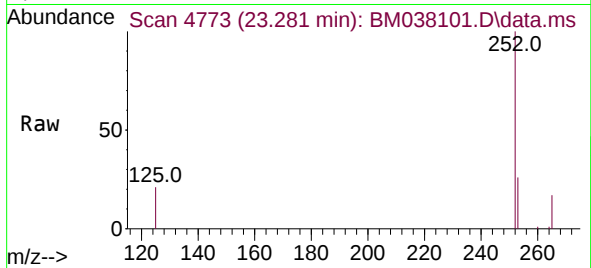
Tgt Ion:228 Resp: 36968
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.730 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

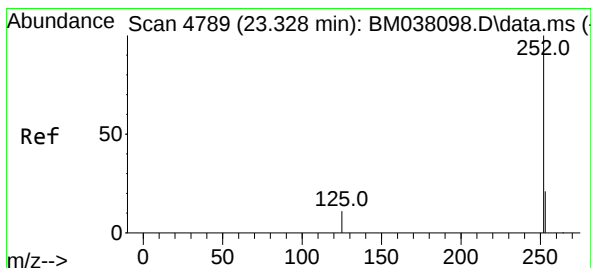
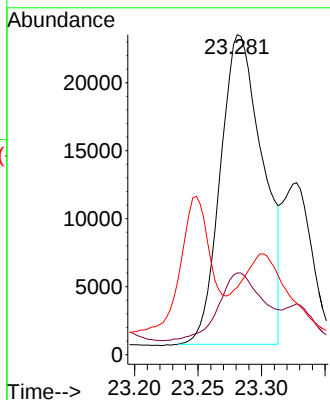
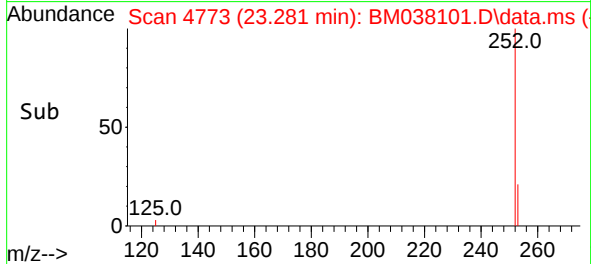
Instrument :
BNA_M
ClientSampleId :
DBXV6



Tgt Ion:252 Resp: 53148
Ion Ratio Lower Upper
252 100
253 25.5 0.0 51.8
125 21.0 0.0 42.2

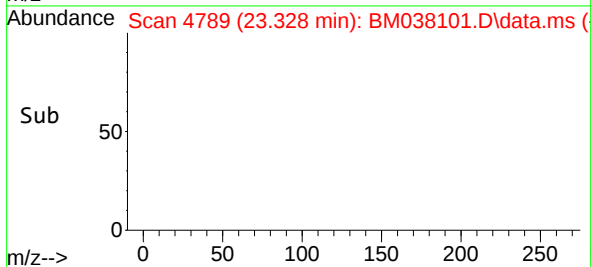
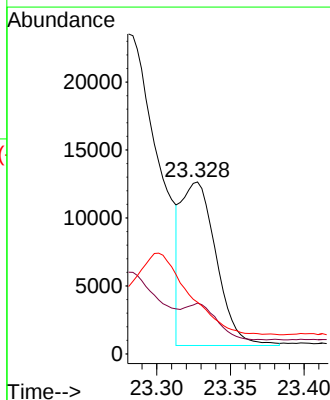
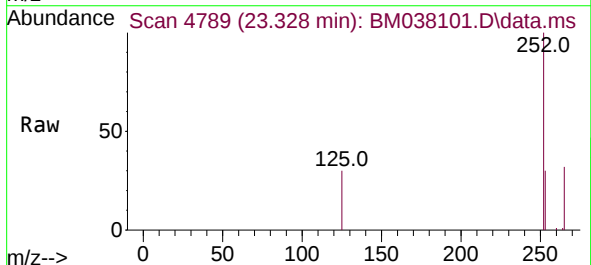
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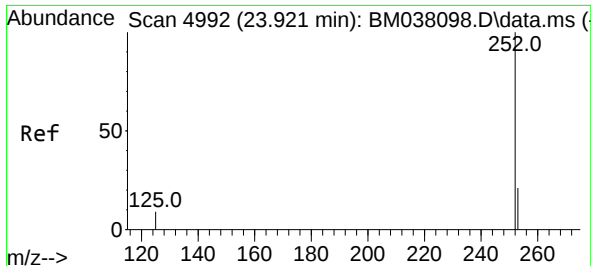
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.283 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

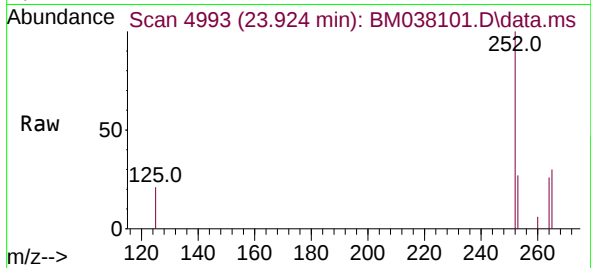
Tgt Ion:252 Resp: 19916
Ion Ratio Lower Upper
252 100
253 29.5 20.8 31.2
125 30.0 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

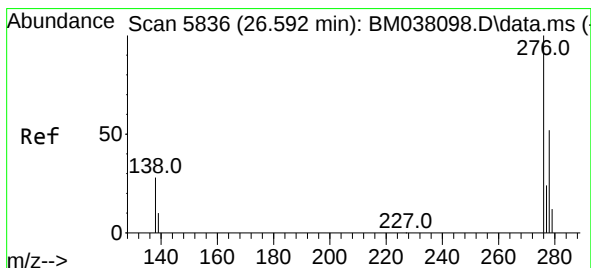
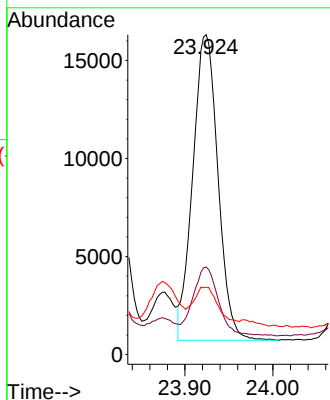
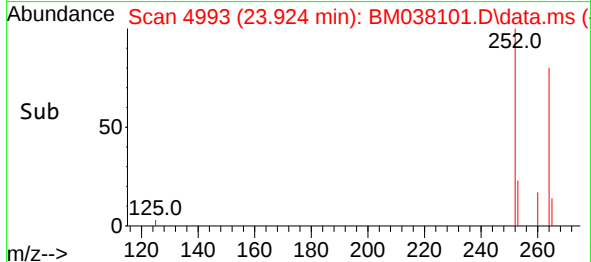
Instrument :
BNA_M
ClientSampleId :
DBXV6



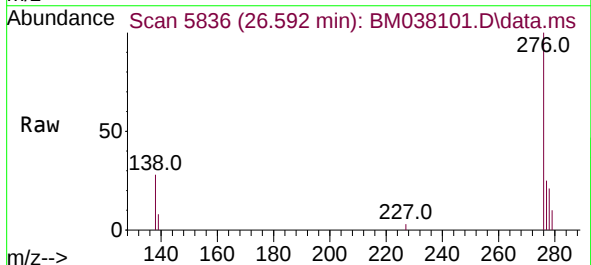
Tgt Ion:252 Resp: 30918
Ion Ratio Lower Upper
252 100
253 27.4 21.9 32.9
125 21.1 20.7 31.1

Manual Integrations
APPROVED

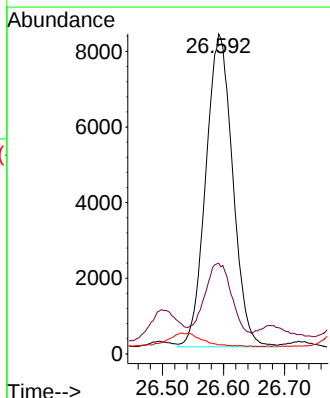
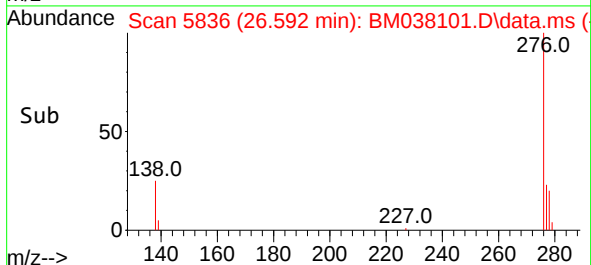
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

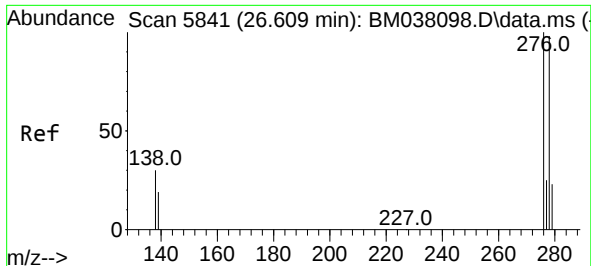


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14



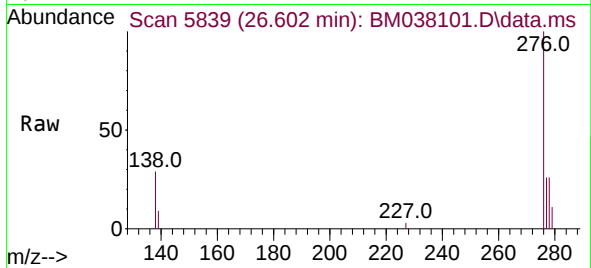
Tgt Ion:276 Resp: 25326
Ion Ratio Lower Upper
276 100
138 24.9 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.602 min Scan# 5841
Delta R.T. -0.013 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

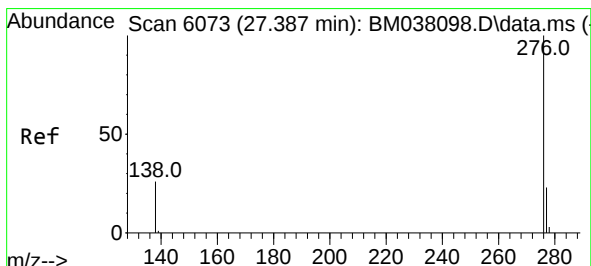
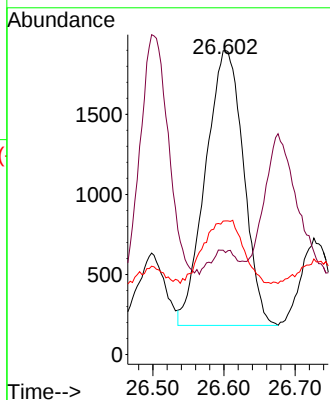
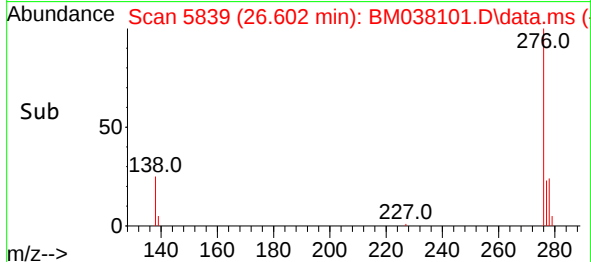
Instrument :
BNA_M
ClientSampleId :
DBXV6



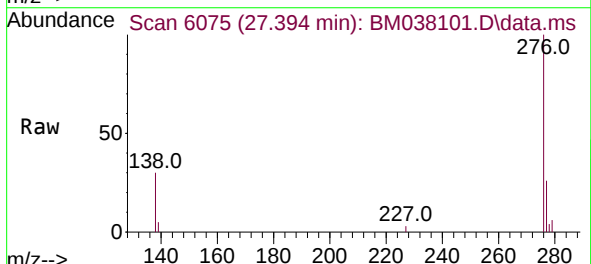
Tgt Ion:278 Resp: 6370
Ion Ratio Lower Upper
278 100
139 33.5 19.0 28.6
279 44.0 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14



Tgt Ion:276 Resp: 23718
Ion Ratio Lower Upper
276 100
138 30.3 24.1 36.1
277 25.9 19.0 28.6

