

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038115.D
 Acq On : 19 Dec 2022 22:49
 Operator : CG/JU
 Sample : N5925-21DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD0DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 23:24:58 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	5984	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18506	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	20007	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	13782	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	13154	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6153	0.752	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1687	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	3158	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	7629	0.136	ng/ul	98
7) 2-Methylnaphthalene	12.517	142	1414	0.041	ng/ul	99
10) Acenaphthylene	14.398	152	5392	0.102	ng/ul	96
14) Pentachlorophenol	17.063	266	591	0.071	ng/ul	99
15) Phenanthrene	17.455	178	15202	0.226	ng/ul	99
16) Anthracene	17.548	178	4131	0.066	ng/ul#	94
19) Fluoranthene	19.459	202	45058	0.633	ng/ul	96
20) Pyrene	19.822	202	36480m	0.502	ng/ul	
21) Benzo(a)anthracene	21.559	228	24407	0.410	ng/ul	97
22) Chrysene	21.615	228	24614	0.410	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	36971	0.593	ng/ul	97
25) Benzo(k)fluoranthene	23.322	252	13553m	0.225	ng/ul	
26) Benzo(a)pyrene	23.918	252	22998	0.438	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.589	276	17619	0.267	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	4285	0.083	ng/ul#	69
29) Benzo(g,h,i)perylene	27.384	276	15002	0.268	ng/ul	98

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

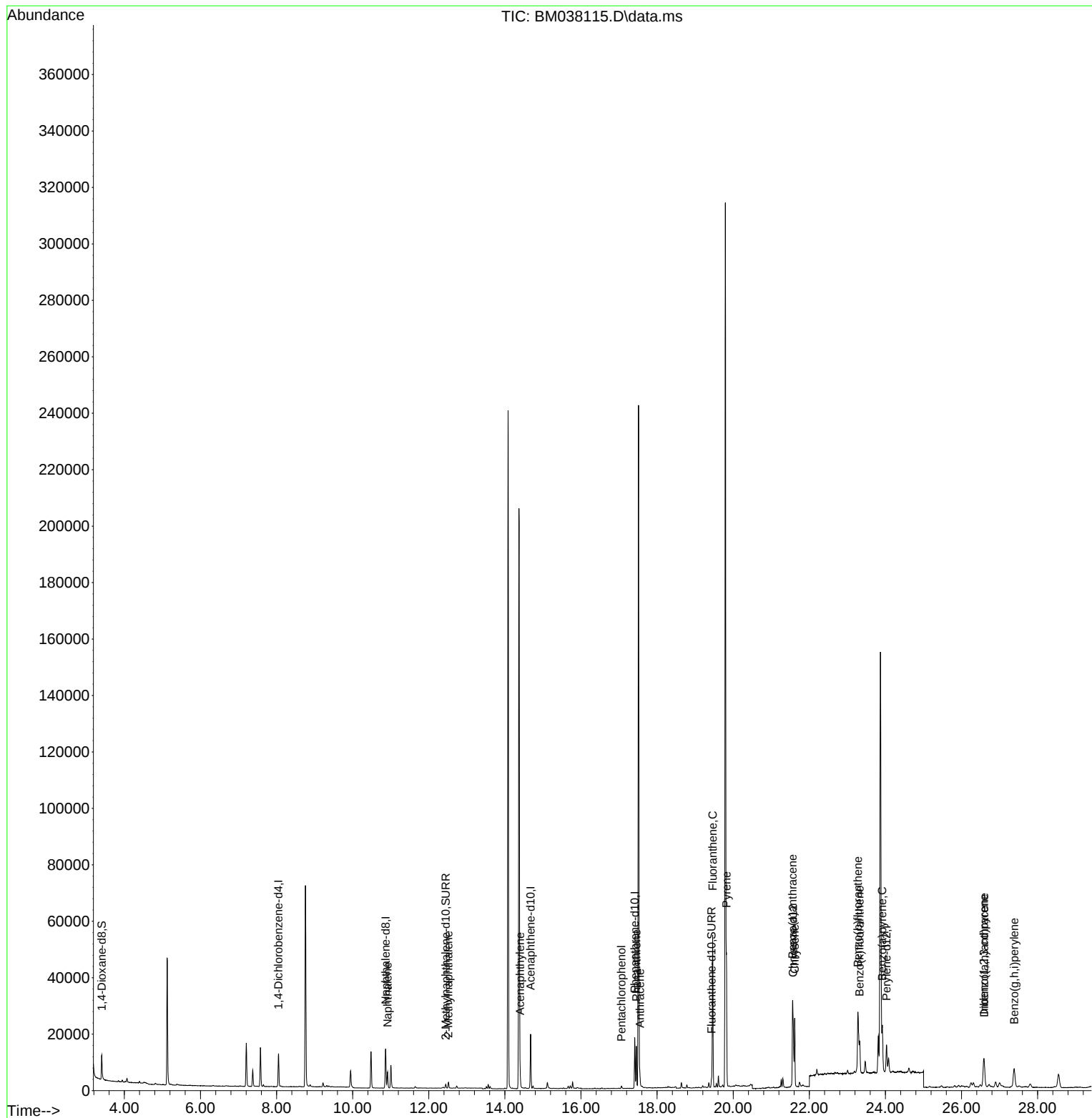
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
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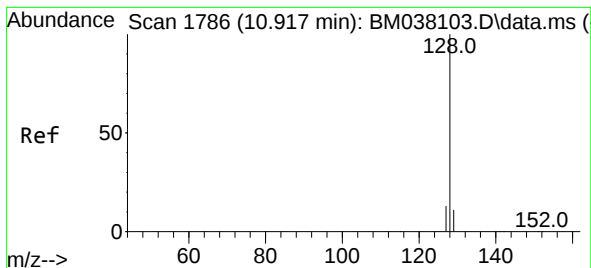
Instrument :
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#5

Naphthalene

Concen: 0.136 ng/ul

RT: 10.917 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BM038115.D

Acq: 19 Dec 2022 22:49

Instrument :

BNA_M

ClientSampleId :

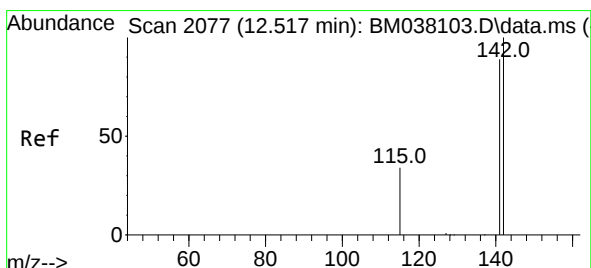
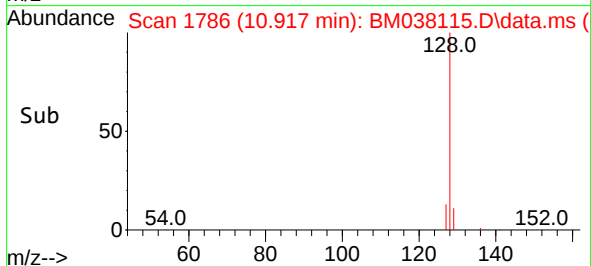
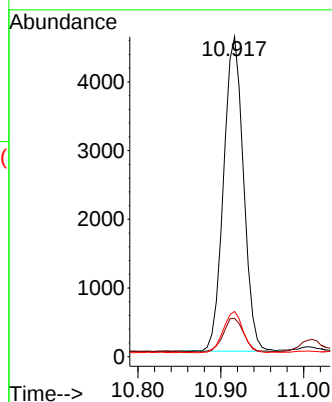
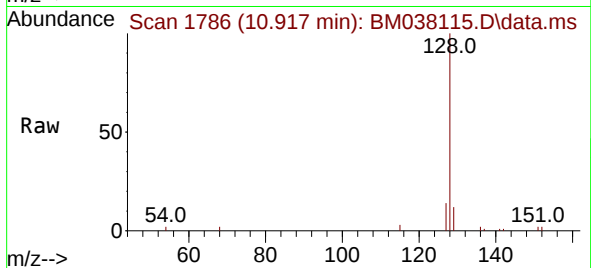
DBYD0DL

Tgt Ion:	128	Resp:	7629
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.1	13.7
127	14.2	10.4	15.6

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#7

2-Methylnaphthalene

Concen: 0.041 ng/ul

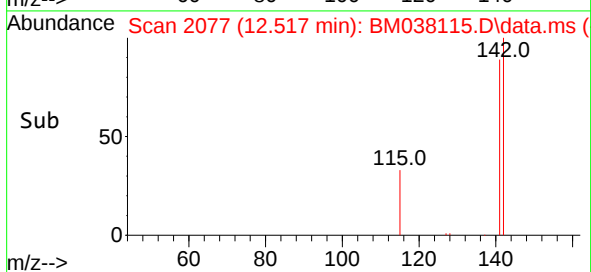
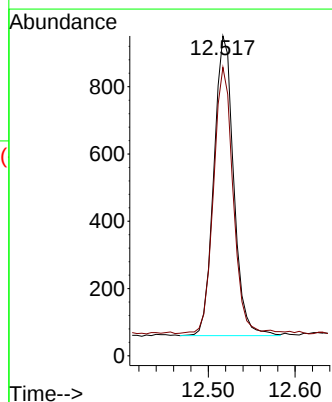
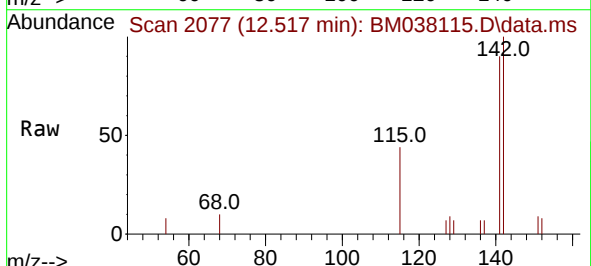
RT: 12.517 min Scan# 2077

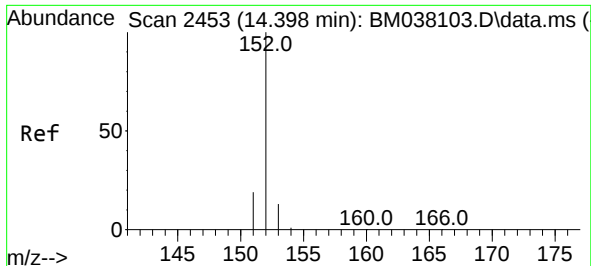
Delta R.T. -0.005 min

Lab File: BM038115.D

Acq: 19 Dec 2022 22:49

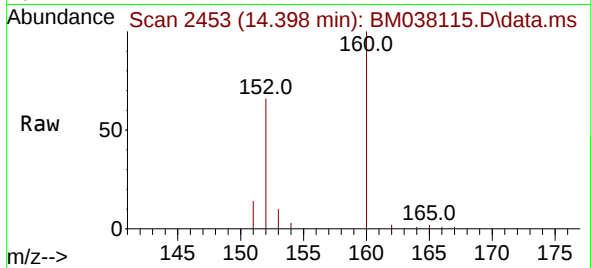
Tgt Ion:	142	Resp:	1414
Ion Ratio	Lower	Upper	
142	100		
141	89.1	70.4	105.6





#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

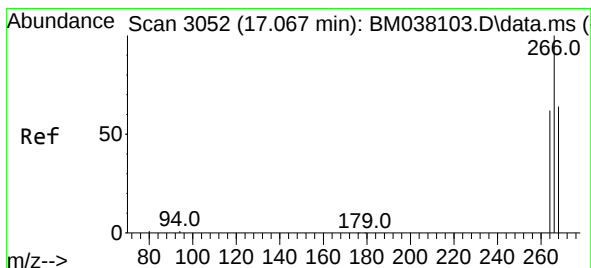
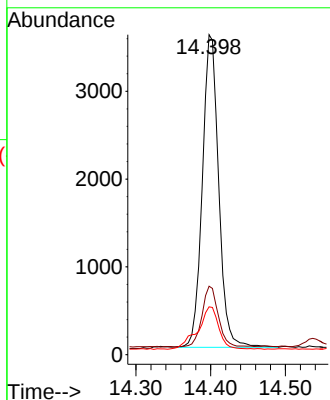
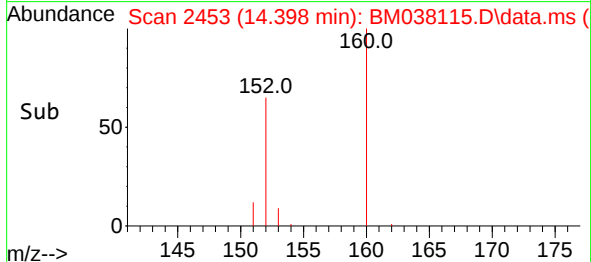
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



Tgt Ion:152 Resp: 5392
Ion Ratio Lower Upper
152 100
151 21.4 15.5 23.3
153 15.0 11.0 16.4

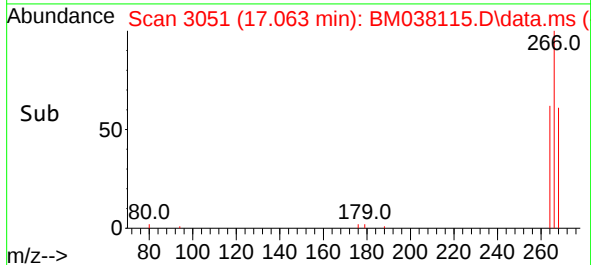
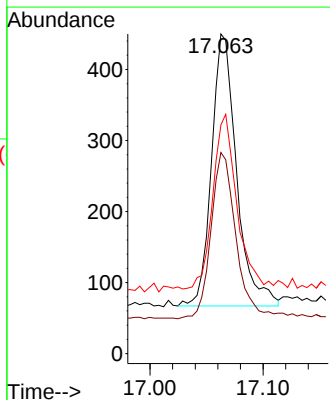
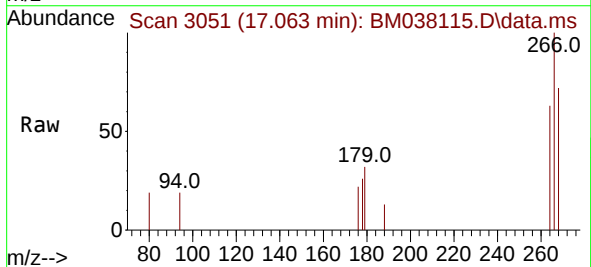
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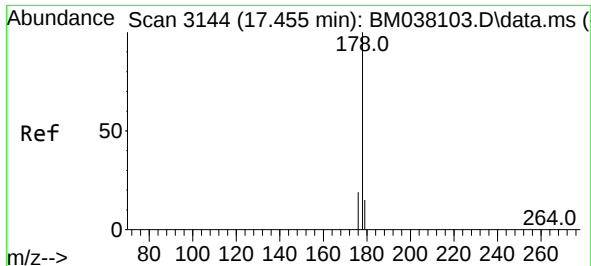
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#14
Pentachlorophenol
Concen: 0.071 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

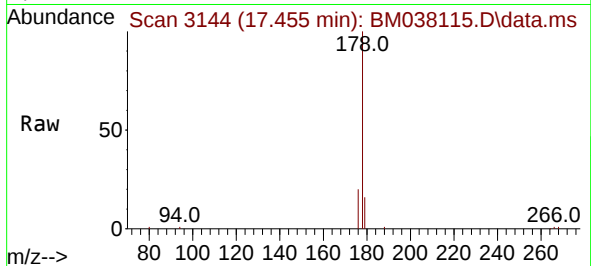
Tgt Ion:266 Resp: 591
Ion Ratio Lower Upper
266 100
264 62.3 49.9 74.9
268 63.6 52.0 78.0





#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

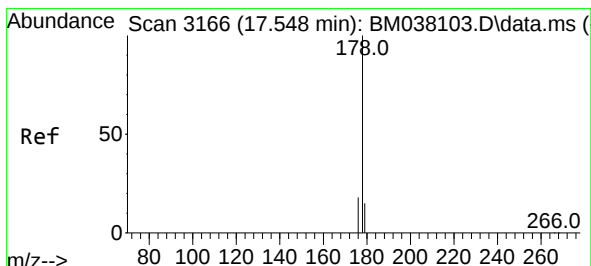
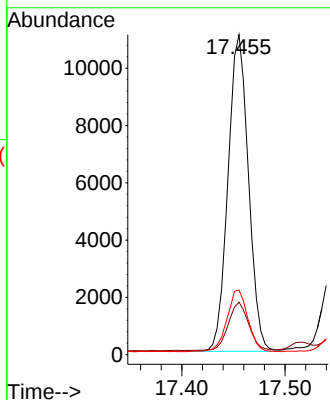
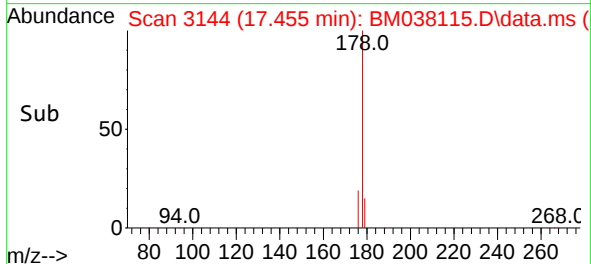
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



Tgt Ion:178 Resp: 1520
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.2 15.8 23.6

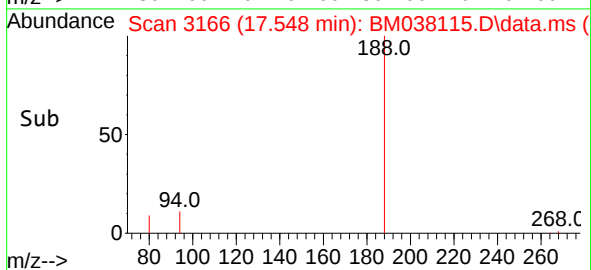
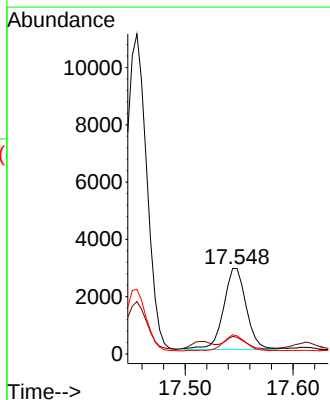
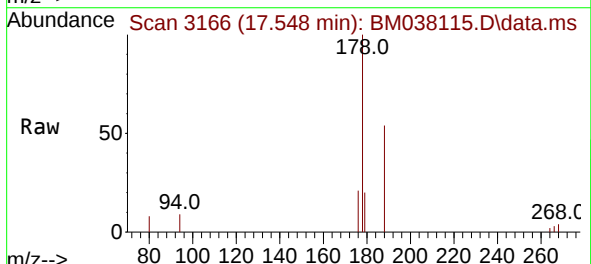
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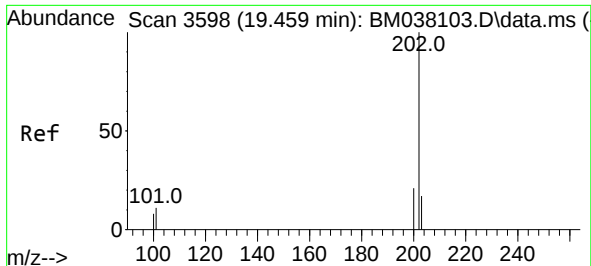
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#16
Anthracene
Concen: 0.066 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

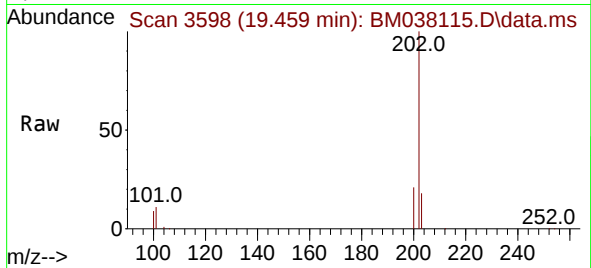
Tgt Ion:178 Resp: 4131
Ion Ratio Lower Upper
178 100
179 19.5 13.0 19.4#
176 21.1 15.0 22.4





#19
Fluoranthene
Concen: 0.633 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

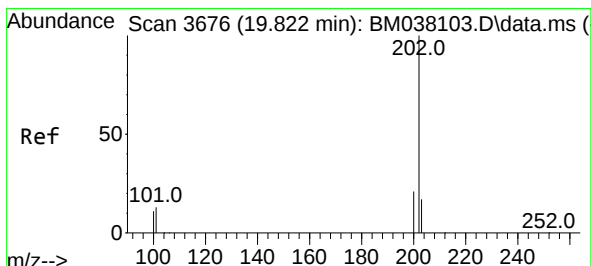
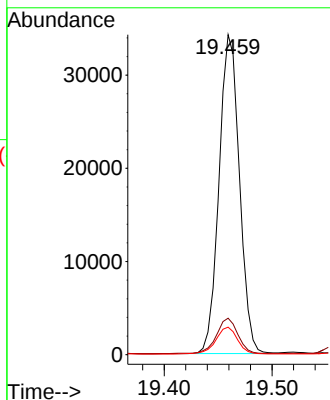
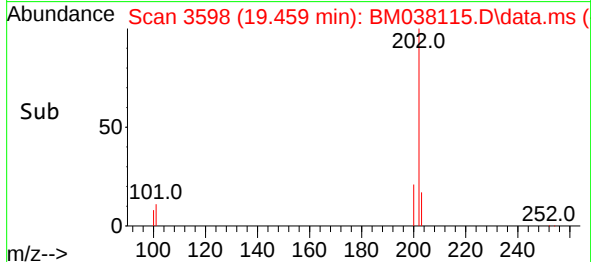
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



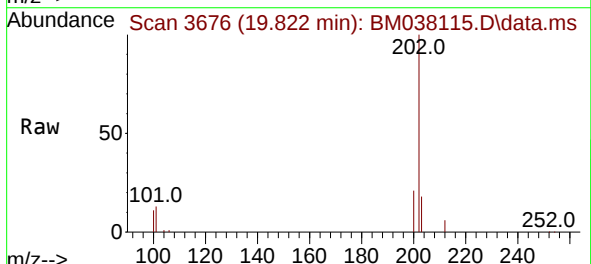
Tgt Ion:202 Resp: 45058
Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 8.6 7.9 11.9

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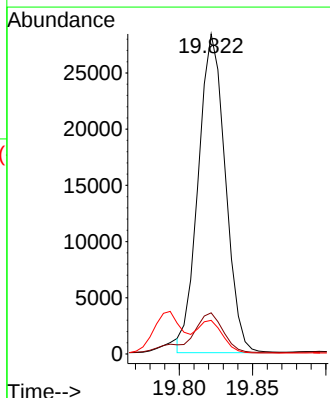
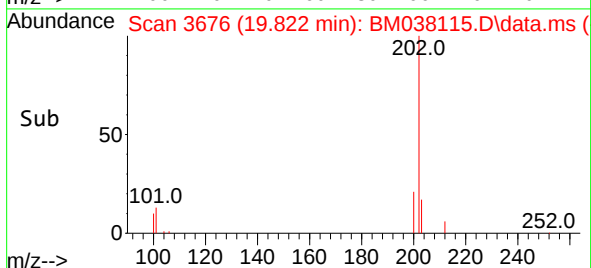
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Supervised By :mohammad ahmed 12/20/2022

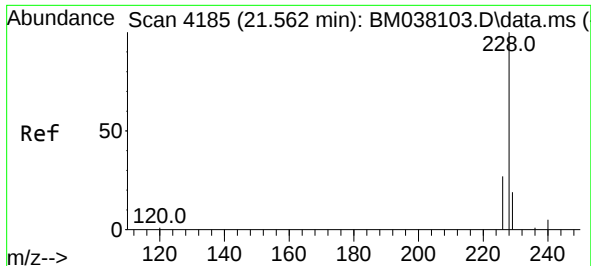


#20
Pyrene
Concen: 0.502 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49



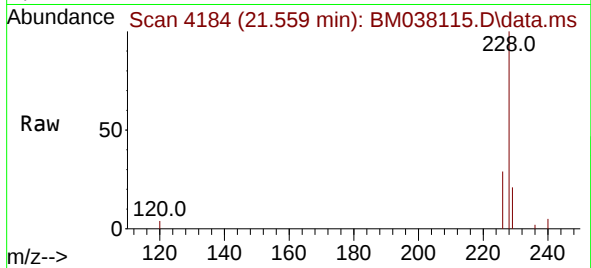
Tgt Ion:202 Resp: 36480
Ion Ratio Lower Upper
202 100
101 12.9 12.1 18.1
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.559 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

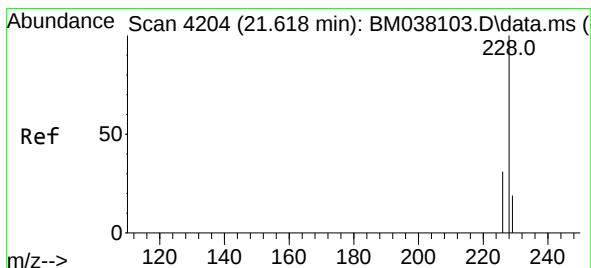
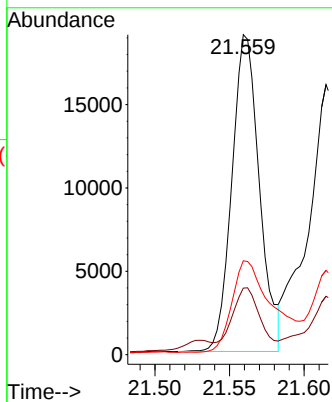
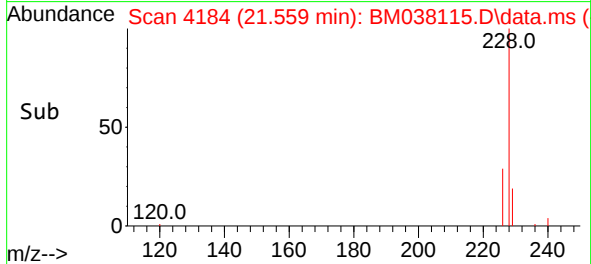
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



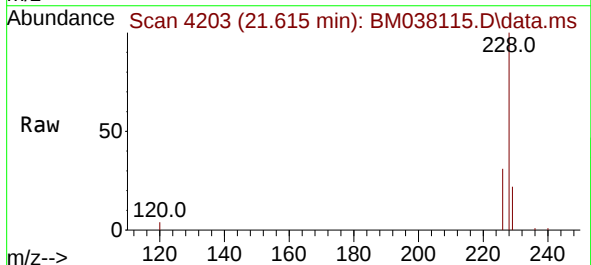
Tgt Ion:228 Resp: 2440
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 29.3 22.1 33.1

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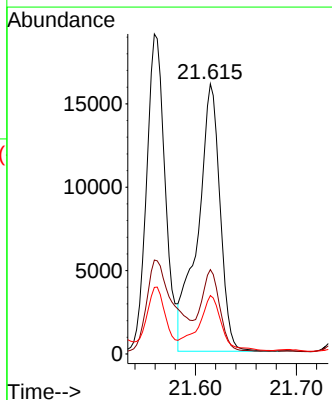
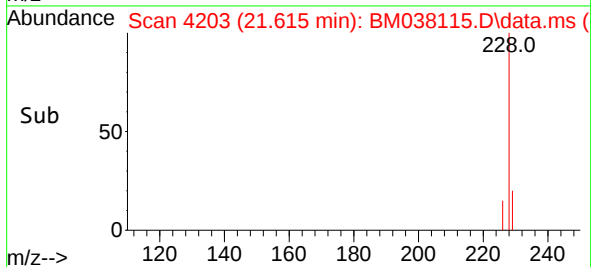
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

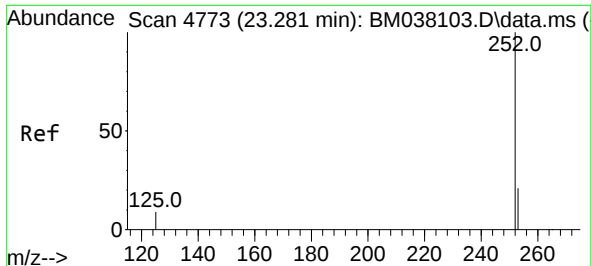


#22
Chrysene
Concen: 0.410 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49



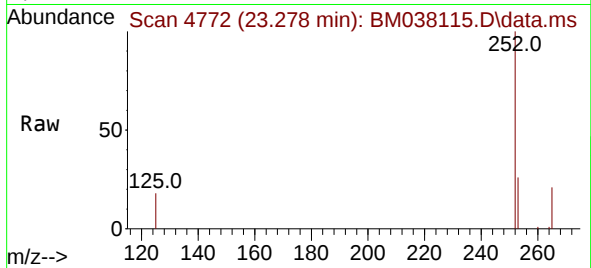
Tgt Ion:228 Resp: 24614
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.593 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

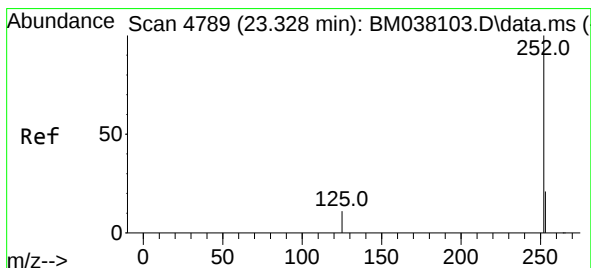
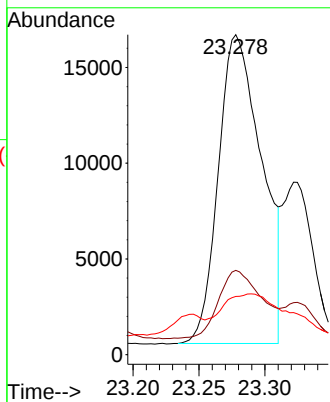
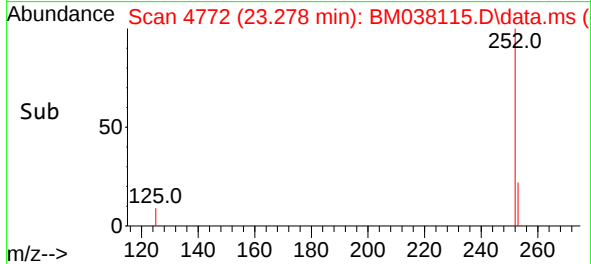
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



Tgt Ion:252 Resp: 3697
Ion Ratio Lower Upper
252 100
253 26.4 0.0 51.8
125 18.2 0.0 42.2

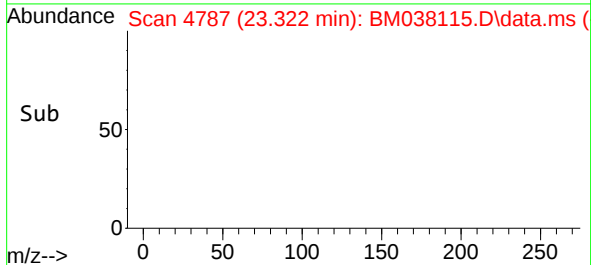
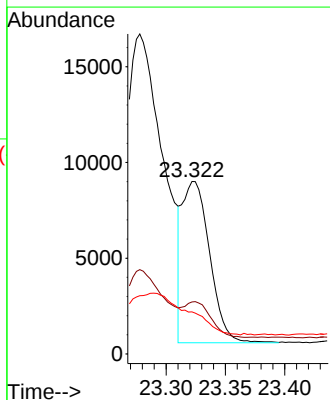
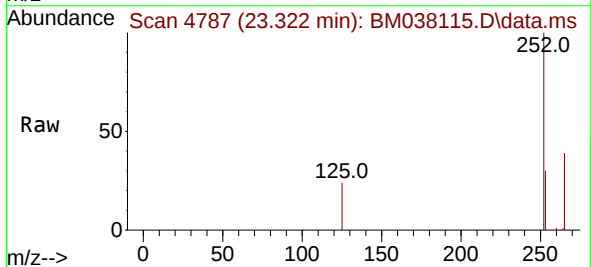
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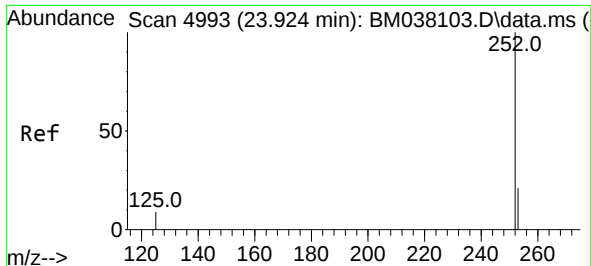
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#25
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. -0.009 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

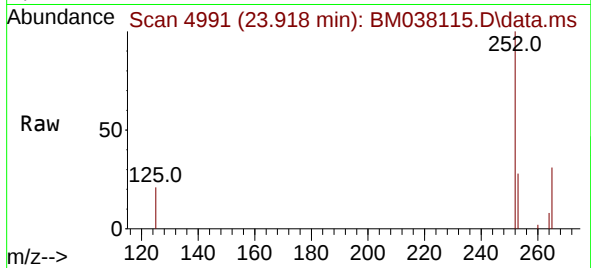
Tgt Ion:252 Resp: 13553
Ion Ratio Lower Upper
252 100
253 30.2 20.8 31.2
125 24.4 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

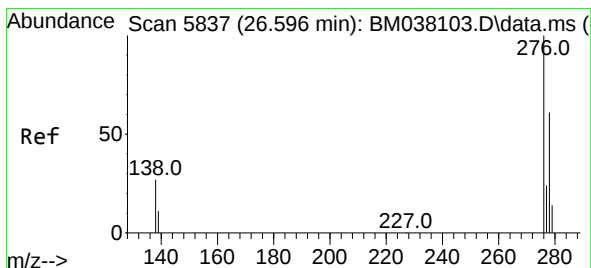
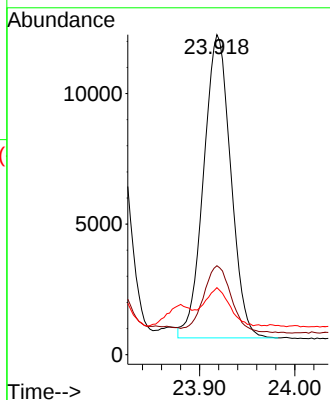
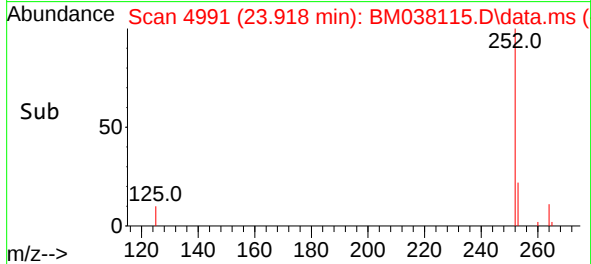
Instrument :
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ClientSampleId :
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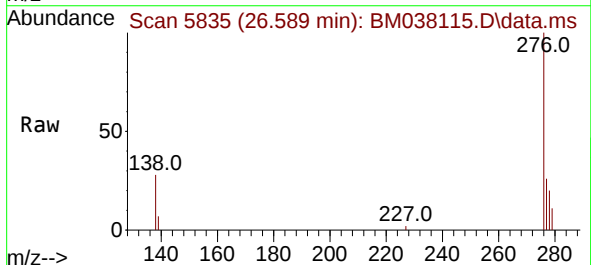
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Ion Ratio Lower Upper
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125 21.0 20.7 31.1

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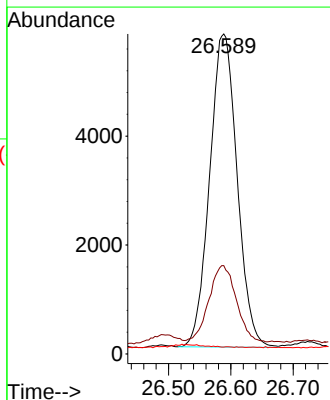
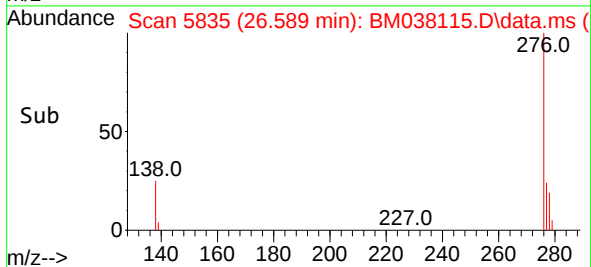
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

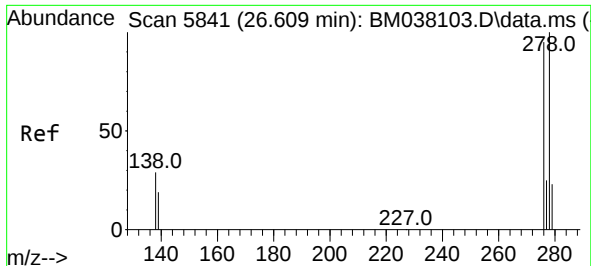


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49



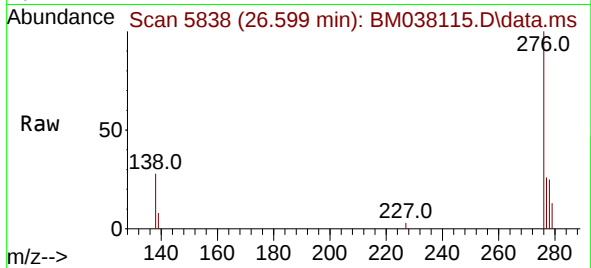
Tgt Ion:276 Resp: 17619
Ion Ratio Lower Upper
276 100
138 24.7 26.6 40.0#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. -0.017 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49

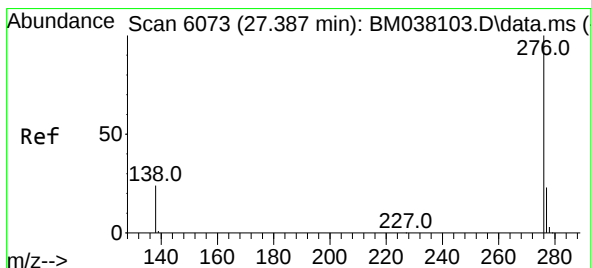
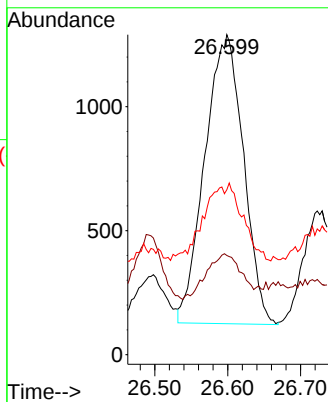
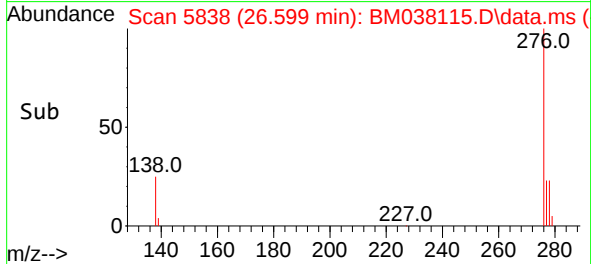
Instrument :
BNA_M
ClientSampleId :
DBYD0DL



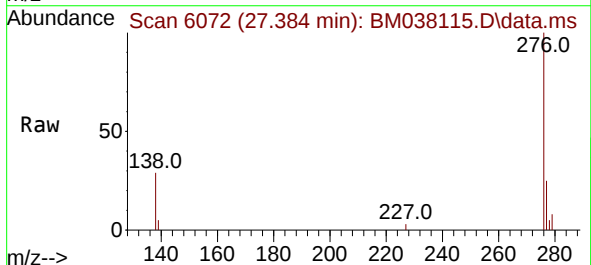
Tgt Ion: 278 Resp: 428
Ion Ratio Lower Upper
278 100
139 31.0 19.0 28.6
279 51.6 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.268 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038115.D
Acq: 19 Dec 2022 22:49



Tgt Ion: 276 Resp: 15002
Ion Ratio Lower Upper
276 100
138 29.1 24.1 36.1
277 25.0 19.0 28.6

