

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038093.D
 Acq On : 17 Dec 2022 07:48
 Operator : CG/JU
 Sample : N5925-11DL 5X
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV7DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 03:17:12 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	8.055	152	5202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	15942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	9022	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19313	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	15738	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	15820	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5265	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1639	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	3702	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	1860	0.039	ng/ul#	89
7) 2-Methylnaphthalene	12.517	142	611	0.021	ng/ul	98
10) Acenaphthylene	14.402	152	4602	0.097	ng/ul	95
11) Acenaphthene	14.740	153	923	0.026	ng/ul	92
12) Fluorene	15.721	166	995	0.025	ng/ul#	89
14) Pentachlorophenol	17.071	266	285	0.036	ng/ul	95
15) Phenanthrene	17.455	178	25198	0.387	ng/ul	100
16) Anthracene	17.548	178	8040	0.134	ng/ul	96
19) Fluoranthene	19.464	202	77453	0.953	ng/ul	96
20) Pyrene	19.826	202	71205m	0.858	ng/ul	
21) Benzo(a)anthracene	21.565	228	42579	0.626	ng/ul	99
22) Chrysene	21.621	228	54873	0.800	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	80618	1.075	ng/ul	93
25) Benzo(k)fluoranthene	23.328	252	28626m	0.395	ng/ul	
26) Benzo(a)pyrene	23.924	252	47346	0.749	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.596	276	35683	0.450	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.606	278	8657	0.140	ng/ul#	87
29) Benzo(g,h,i)perylene	27.394	276	29532	0.438	ng/ul	98

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

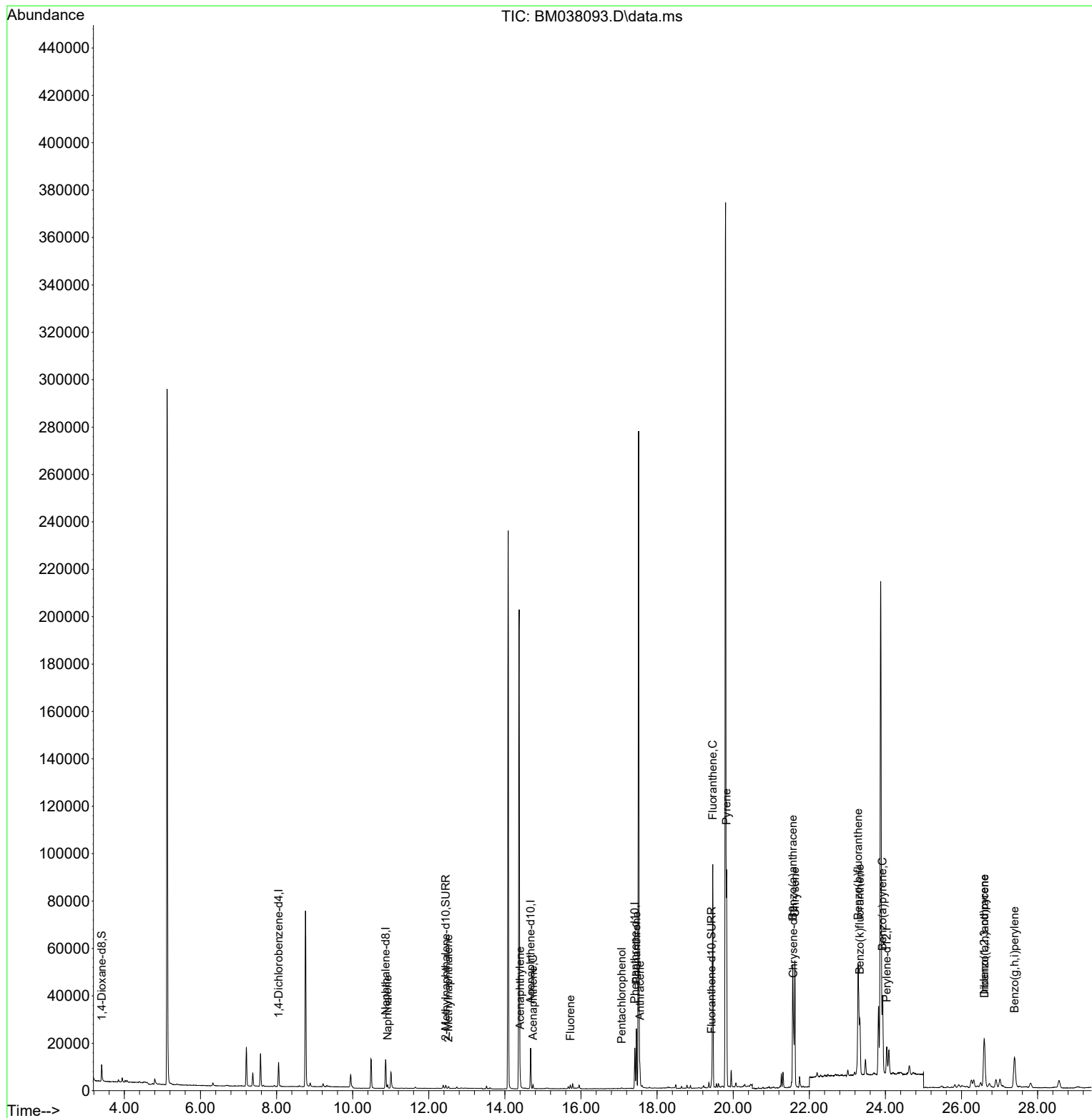
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038093.D
Acq On : 17 Dec 2022 07:48
Operator : CG/JU
Sample : N5925-11DL 5X
Misc :
ALS Vial : 75 Sample Multiplier: 1

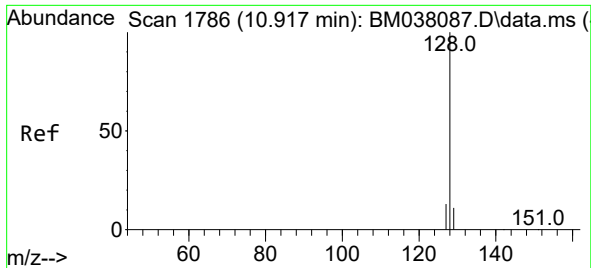
Instrument :
BNA_M
ClientSampleId :
DBXV7DL

Manual Integrations
APPROVED

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

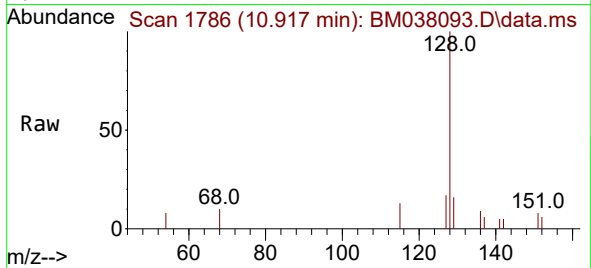
Quant Time: Dec 19 03:17:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

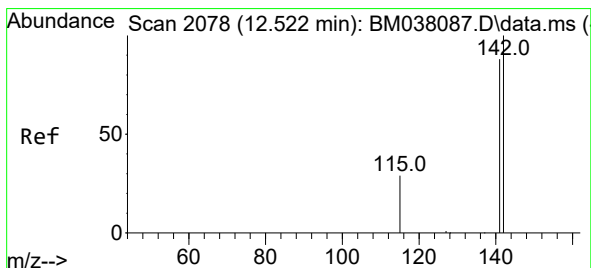
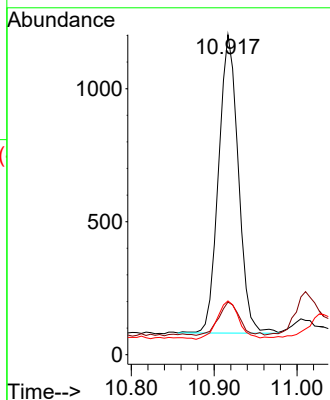
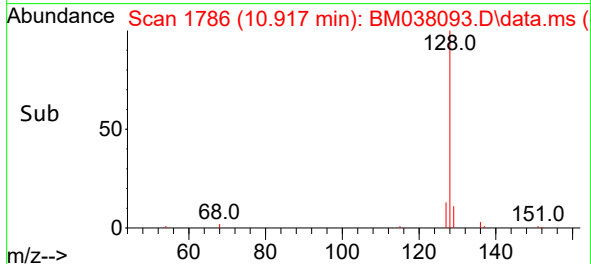
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



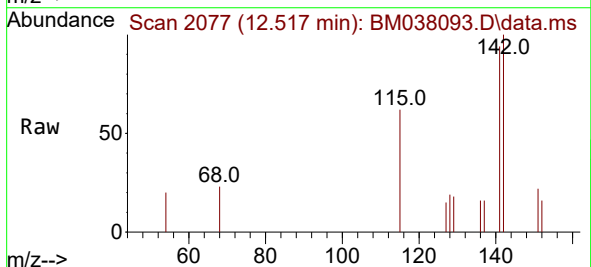
Tgt Ion:128 Resp: 1860
Ion Ratio Lower Upper
128 100
129 16.5 9.1 13.7
127 16.8 10.4 15.6

Manual Integrations
APPROVED

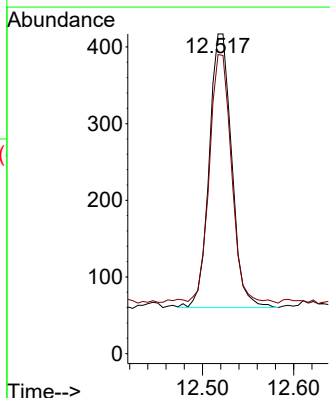
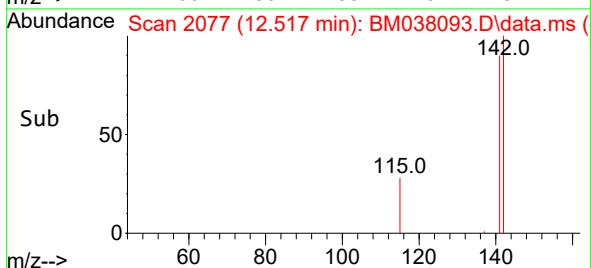
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

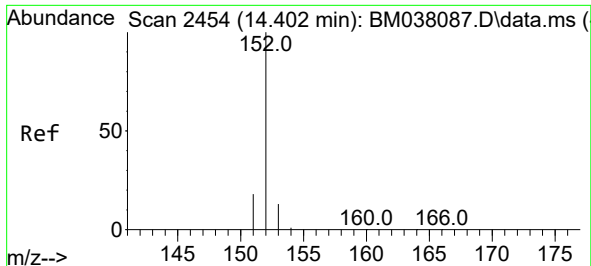


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



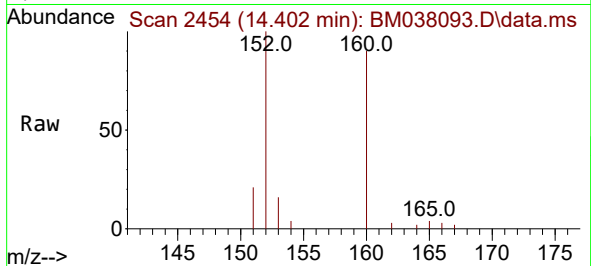
Tgt Ion:142 Resp: 611
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6





#10
Acenaphthylene
Concen: 0.097 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

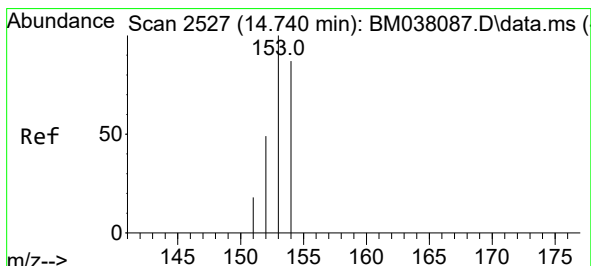
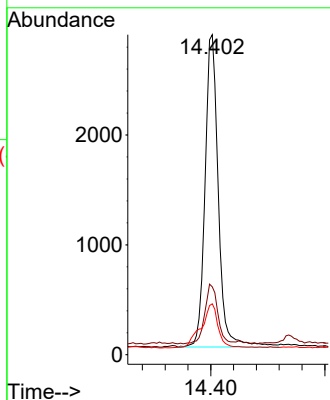
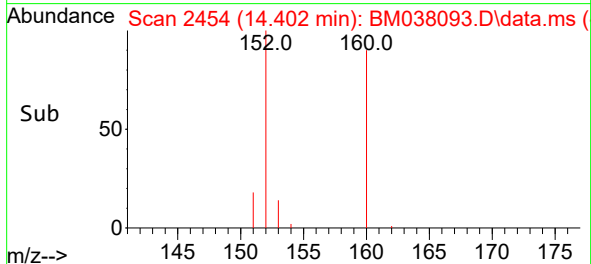
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



Tgt Ion:152 Resp: 460
Ion Ratio Lower Upper
152 100
151 21.2 15.5 23.3
153 15.9 11.0 16.4

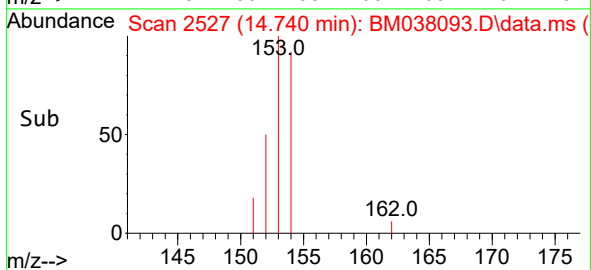
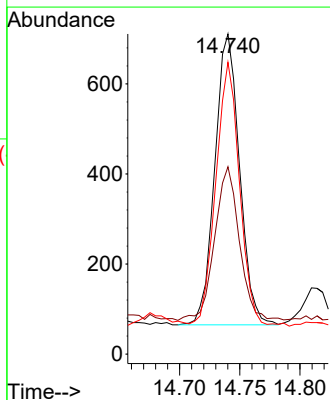
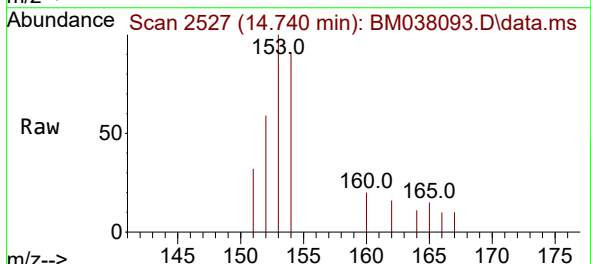
Manual Integrations
APPROVED

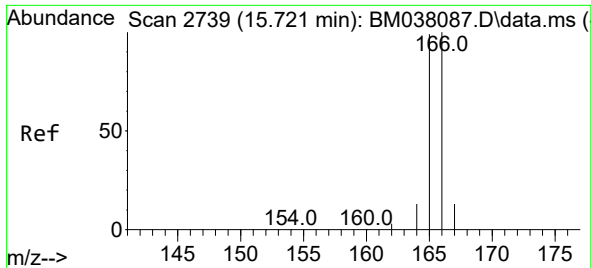
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

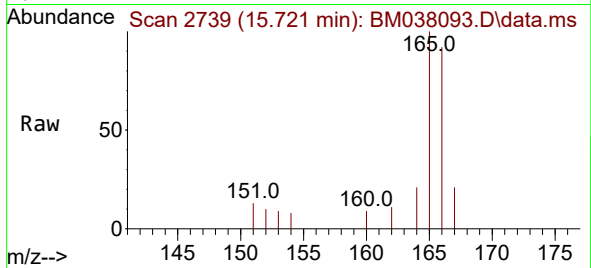
Tgt Ion:153 Resp: 923
Ion Ratio Lower Upper
153 100
152 58.5 39.5 59.3
154 91.1 69.2 103.8





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

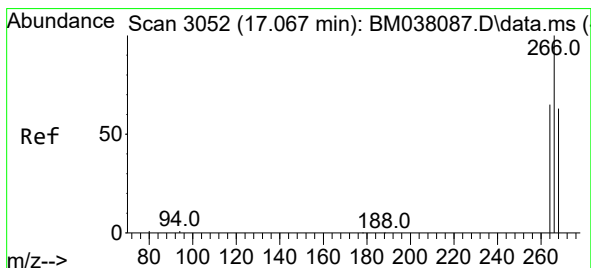
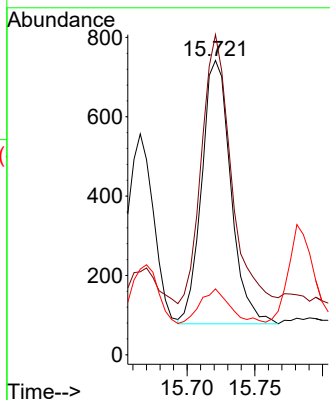
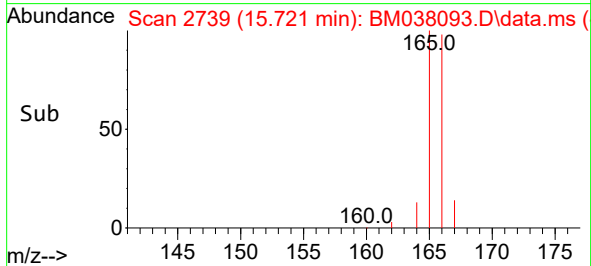
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



Tgt Ion:166 Resp: 99
Ion Ratio Lower Upper
166 100
165 108.8 79.0 118.4
167 22.4 11.1 16.7

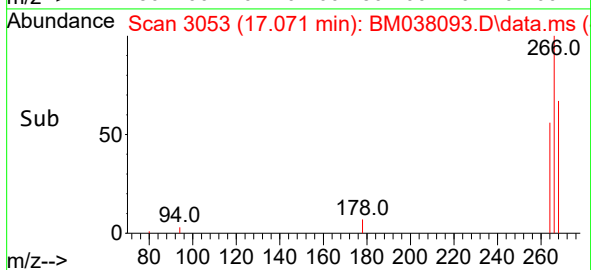
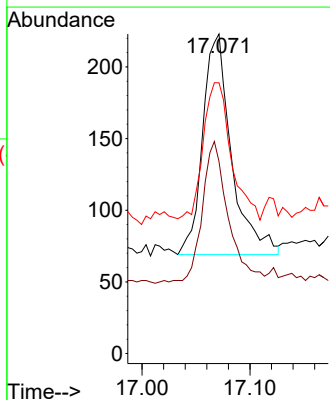
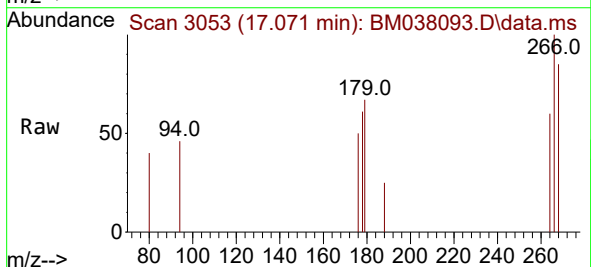
Manual Integrations
APPROVED

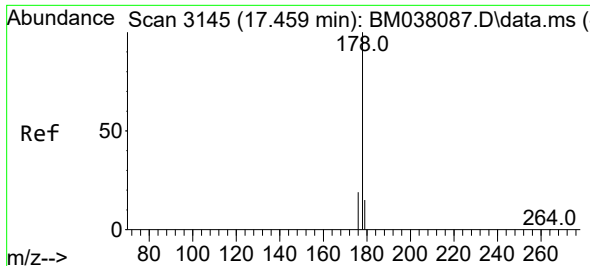
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#14
Pentachlorophenol
Concen: 0.036 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.004 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

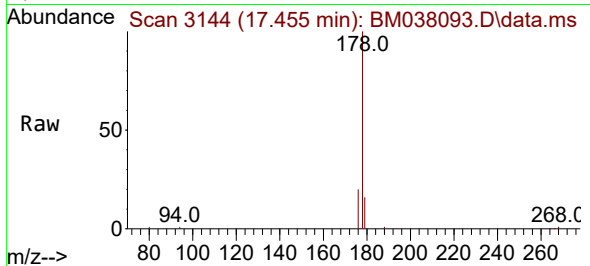
Tgt Ion:266 Resp: 285
Ion Ratio Lower Upper
266 100
264 58.9 49.9 74.9
268 60.4 52.0 78.0





#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

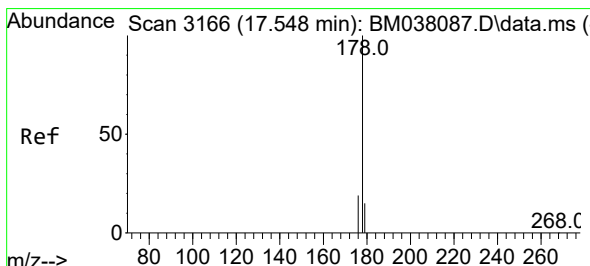
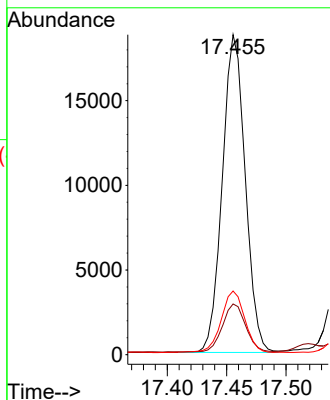
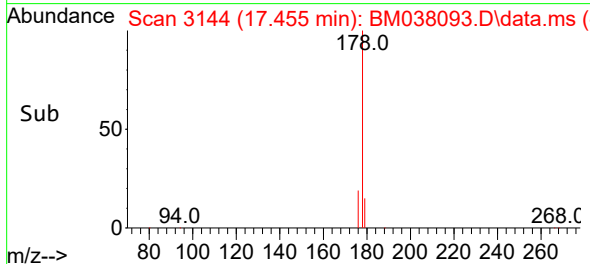
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



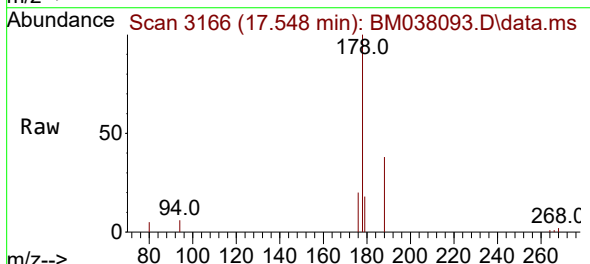
Tgt Ion:178 Resp: 25198
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.9 15.8 23.6

Manual Integrations
APPROVED

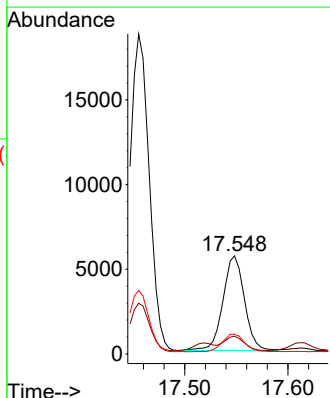
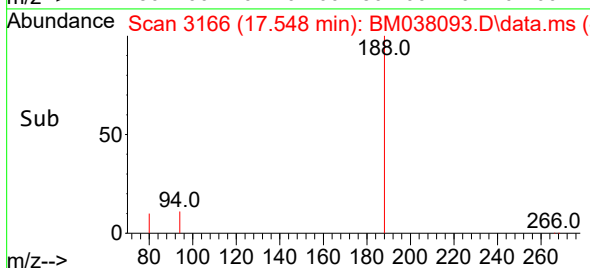
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

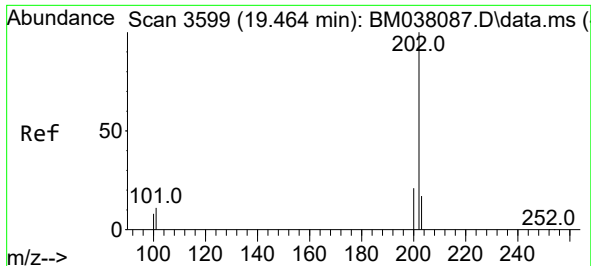


#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



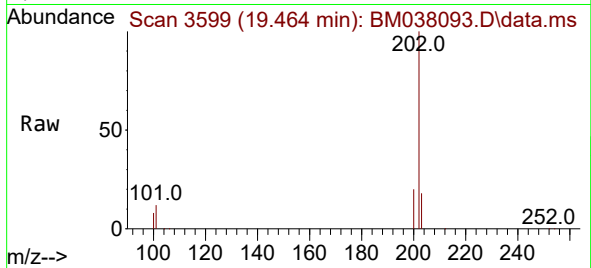
Tgt Ion:178 Resp: 8040
Ion Ratio Lower Upper
178 100
179 18.2 13.0 19.4
176 20.1 15.0 22.4





#19
Fluoranthene
Concen: 0.953 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

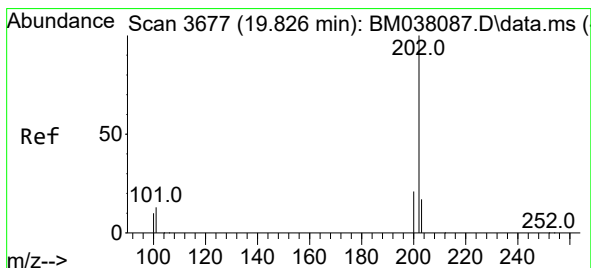
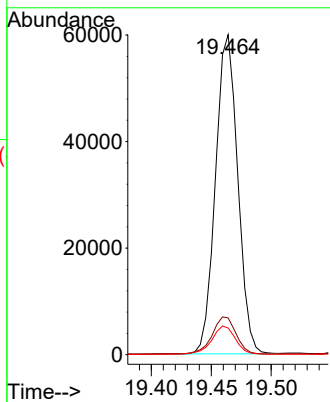
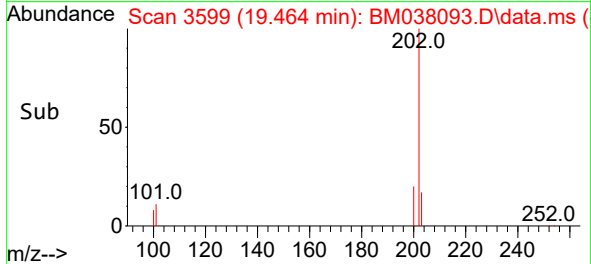
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



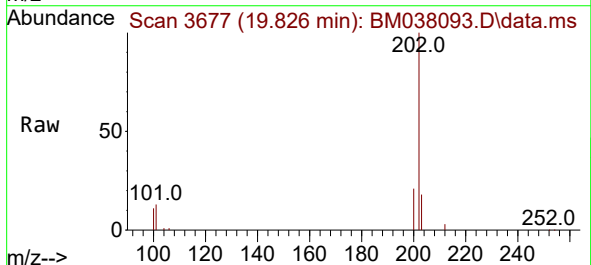
Tgt Ion:202 Resp: 7745
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 8.3 7.9 11.9

Manual Integrations
APPROVED

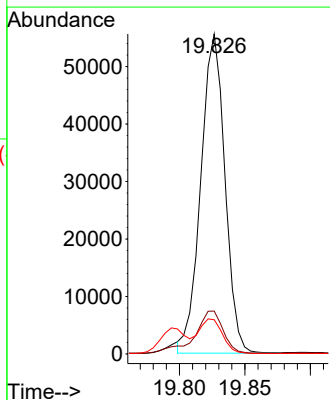
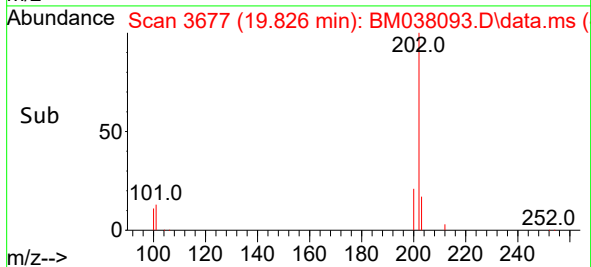
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

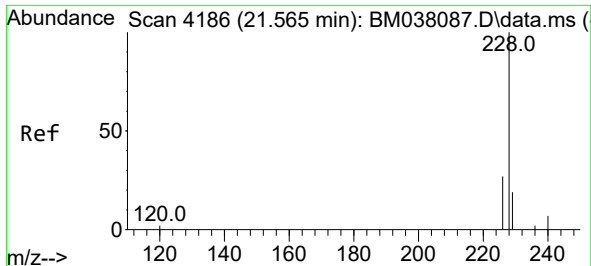


#20
Pyrene
Concen: 0.858 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



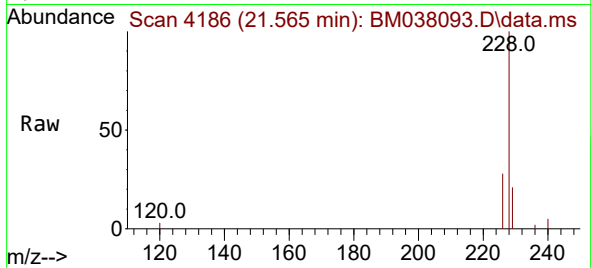
Tgt Ion:202 Resp: 71205
Ion Ratio Lower Upper
202 100
101 13.4 12.1 18.1
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.626 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

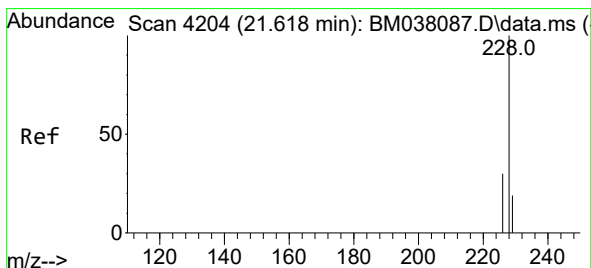
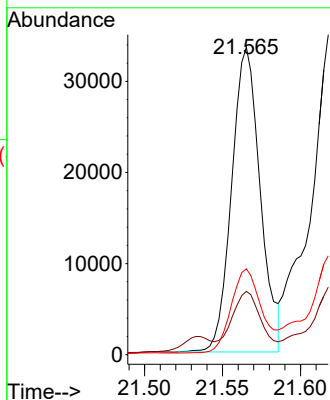
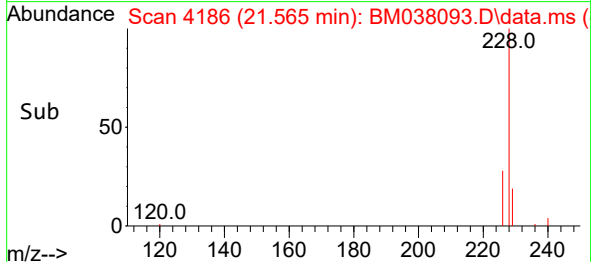
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



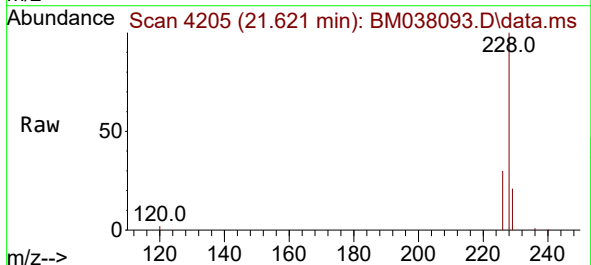
Tgt Ion:228 Resp: 42579
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 27.9 22.1 33.1

Manual Integrations
APPROVED

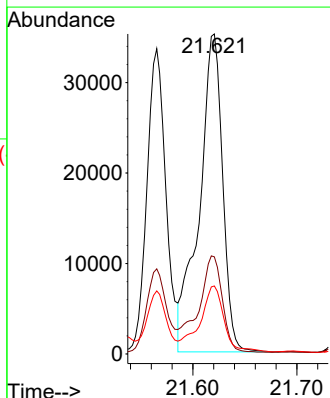
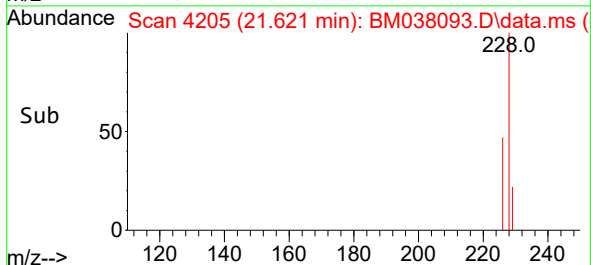
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

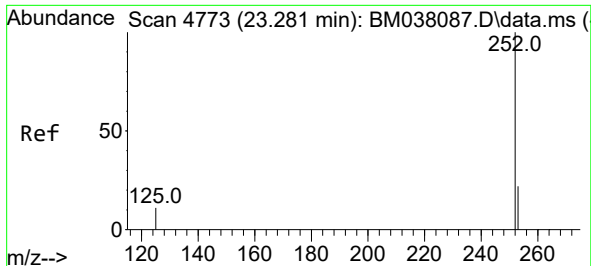


#22
Chrysene
Concen: 0.800 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. 0.003 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



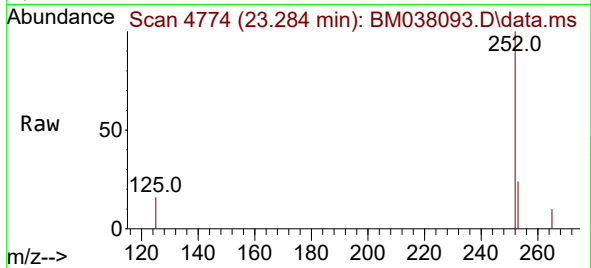
Tgt Ion:228 Resp: 54873
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.075 ng/ul
RT: 23.284 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

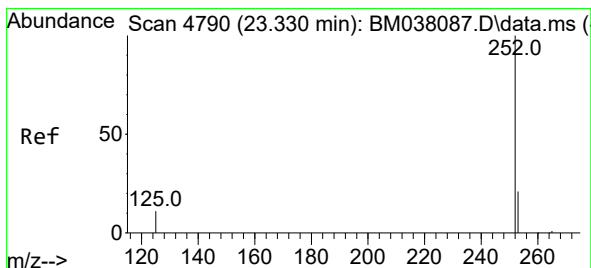
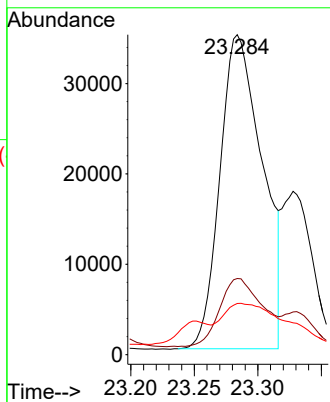
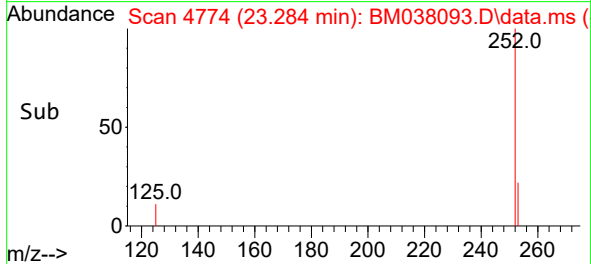
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



Tgt Ion:252 Resp: 80618
Ion Ratio Lower Upper
252 100
253 23.8 0.0 51.8
125 16.0 0.0 42.2

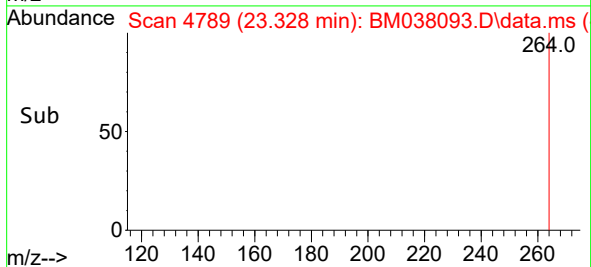
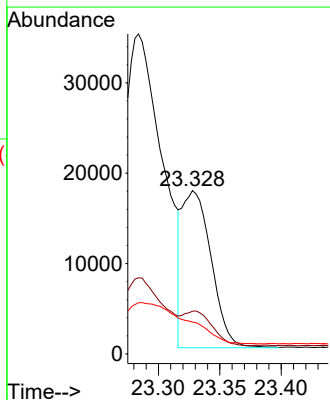
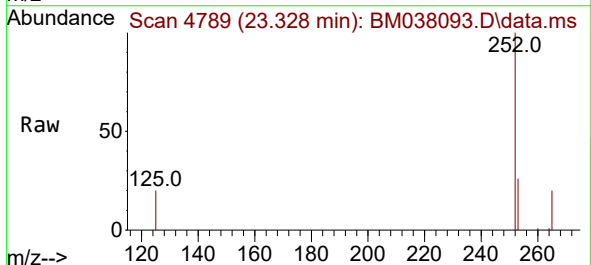
Manual Integrations
APPROVED

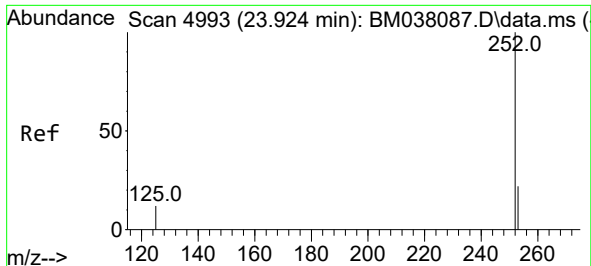
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 23.328 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

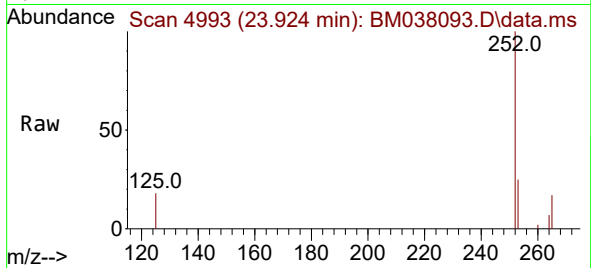
Tgt Ion:252 Resp: 28626
Ion Ratio Lower Upper
252 100
253 26.2 20.8 31.2
125 19.5 17.1 25.7





#26
Benzo(a)pyrene
Concen: 0.749 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

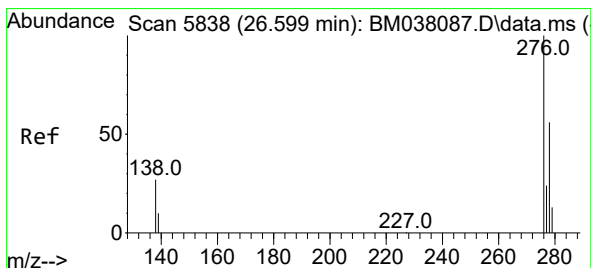
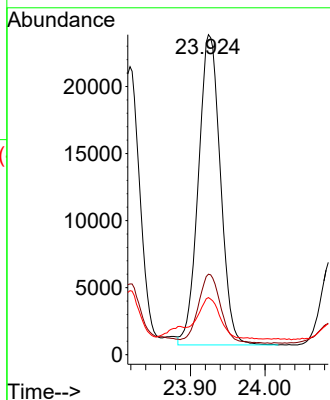
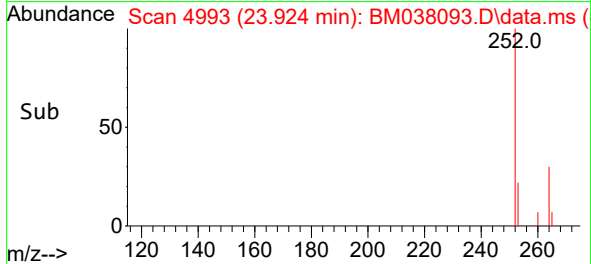
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



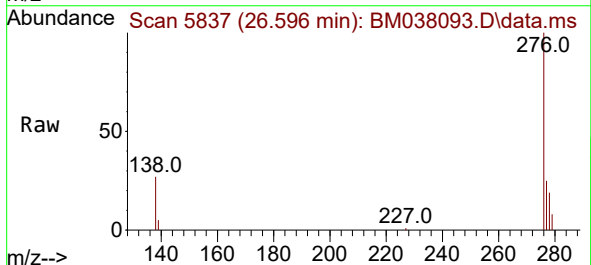
Tgt Ion:252 Resp: 47340
Ion Ratio Lower Upper
252 100
253 25.1 21.9 32.9
125 17.9 20.7 31.1

Manual Integrations
APPROVED

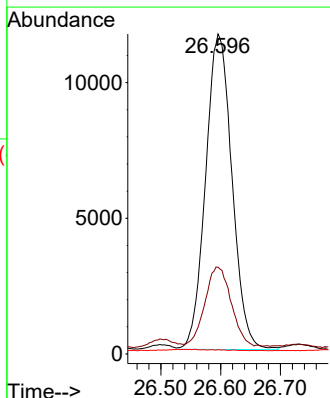
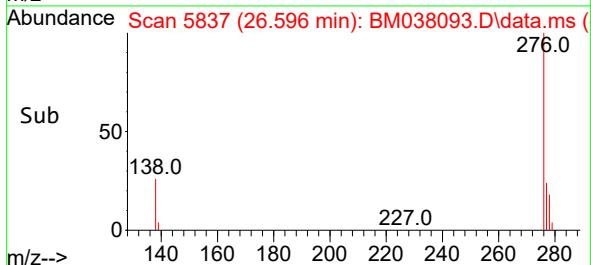
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

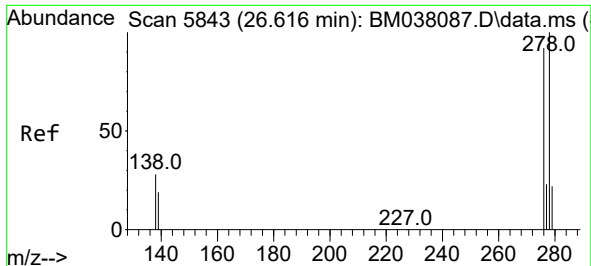


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng/ul
RT: 26.596 min Scan# 5837
Delta R.T. -0.003 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



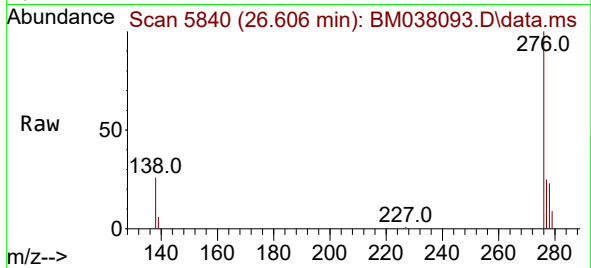
Tgt Ion:276 Resp: 35683
Ion Ratio Lower Upper
276 100
138 25.4 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.010 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48

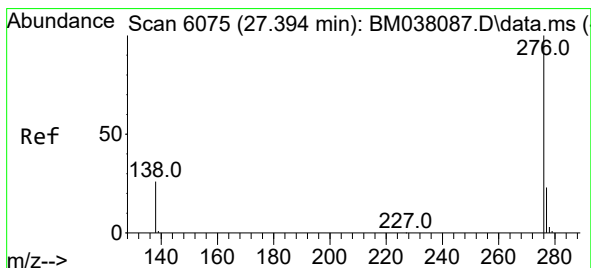
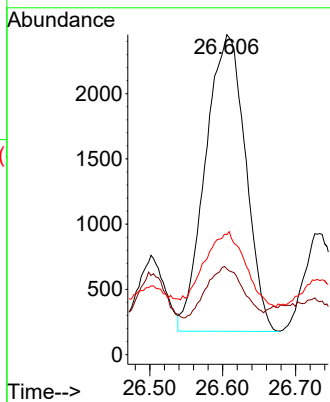
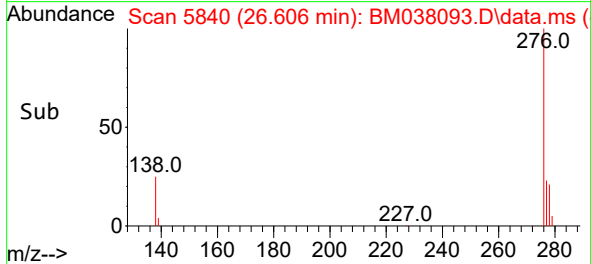
Instrument :
BNA_M
ClientSampleId :
DBXV7DL



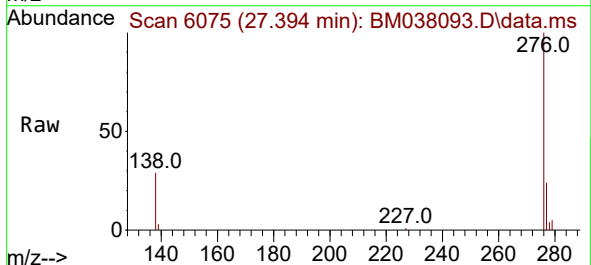
Tgt Ion:278 Resp: 865
Ion Ratio Lower Upper
278 100
139 26.8 19.0 28.6
279 37.5 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. 0.000 min
Lab File: BM038093.D
Acq: 17 Dec 2022 07:48



Tgt Ion:276 Resp: 29532
Ion Ratio Lower Upper
276 100
138 28.6 24.1 36.1
277 24.2 19.0 28.6

