

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038233.D
 Acq On : 23 Dec 2022 15:27
 Operator : CG/JU
 Sample : N6014-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:23:33 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	5289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	15828	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	8872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17268	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	10567	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	10741	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	15249	2.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4369	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7771	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	5669	0.122	ng/ul	98
7) 2-Methylnaphthalene	12.500	142	3497	0.121	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	2316	0.079	ng/ul	97
10) Acenaphthylene	14.389	152	6243	0.127	ng/ul#	95
11) Acenaphthene	14.726	153	1437	0.041	ng/ul	96
12) Fluorene	15.707	166	1546	0.041	ng/ul#	94
15) Phenanthrene	17.447	178	38509	0.666	ng/ul	99
16) Anthracene	17.536	178	8129	0.146	ng/ul	97
19) Fluoranthene	19.455	202	88722	1.533	ng/ul	98
20) Pyrene	19.817	202	69894m	1.195	ng/ul	
21) Benzo(a)anthracene	21.559	228	35286	0.761	ng/ul	96
22) Chrysene	21.612	228	37472	0.831	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	55197	1.161	ng/ul	95
25) Benzo(k)fluoranthene	23.322	252	16888m	0.370	ng/ul	
26) Benzo(a)pyrene	23.918	252	34757	0.838	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.589	276	27253	0.474	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.595	278	6978	0.156	ng/ul#	70
29) Benzo(g,h,i)perylene	27.380	276	27147	0.561	ng/ul	99

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

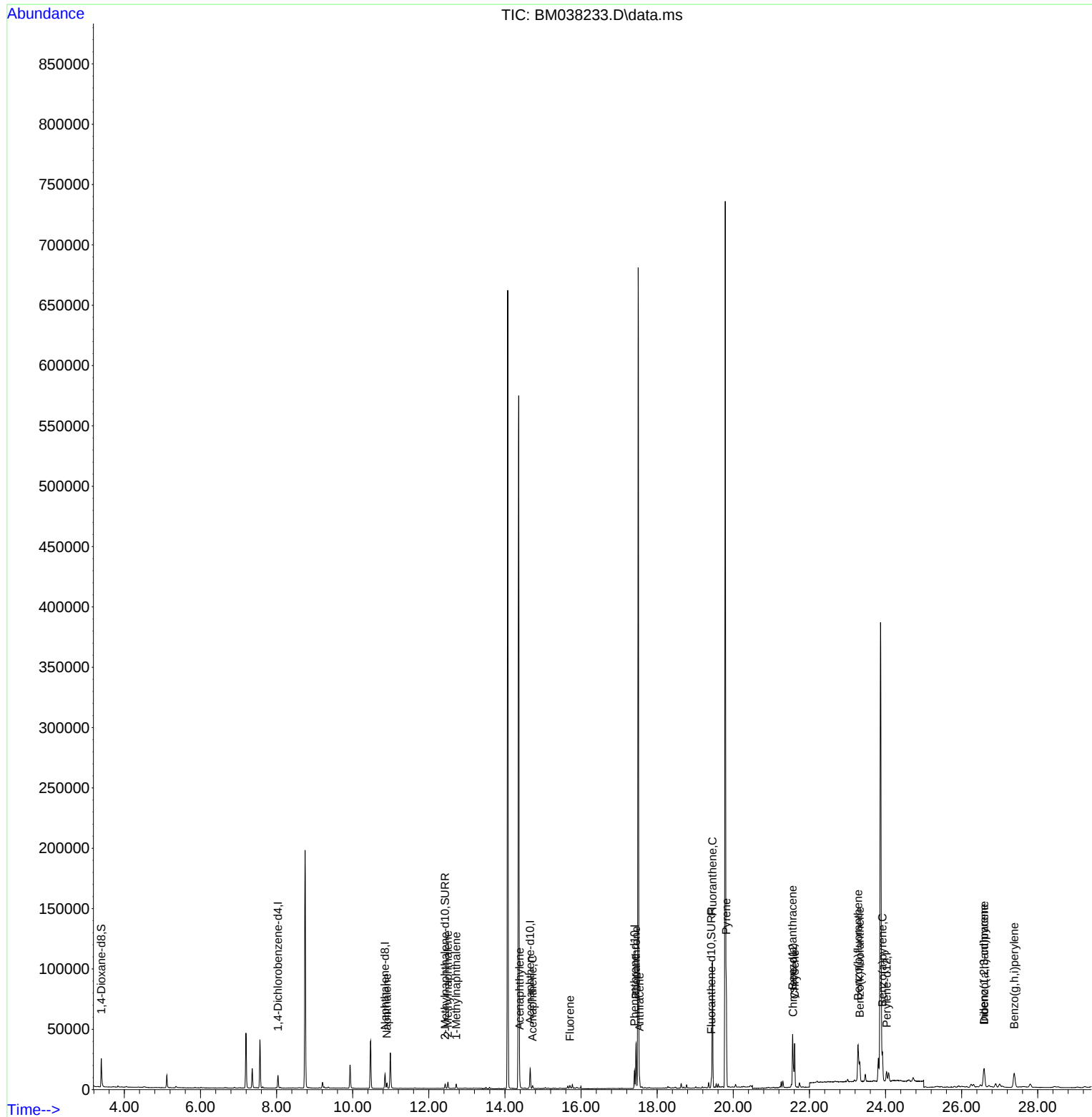
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038233.D
Acq On : 23 Dec 2022 15:27
Operator : CG/JU
Sample : N6014-02
Misc :
ALS Vial : 40 Sample Multiplier: 1

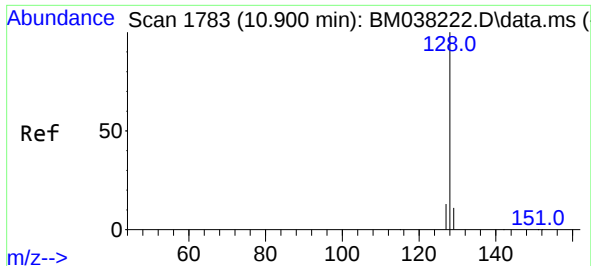
Instrument :
BNA_M
ClientSampleId :
DBXR3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

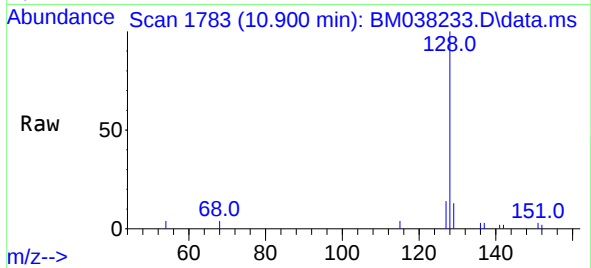
Quant Time: Dec 23 23:23:33 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

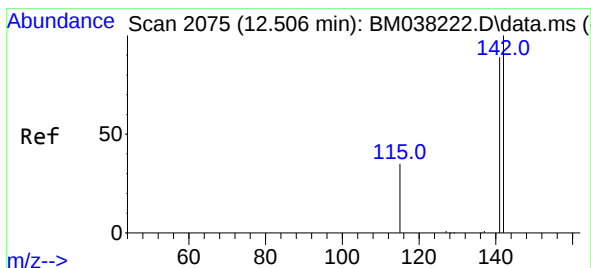
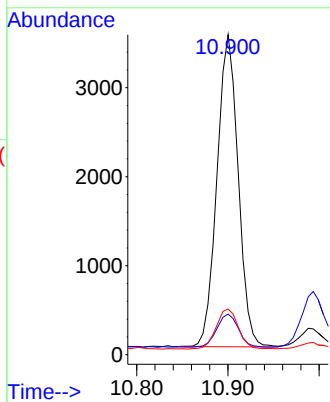
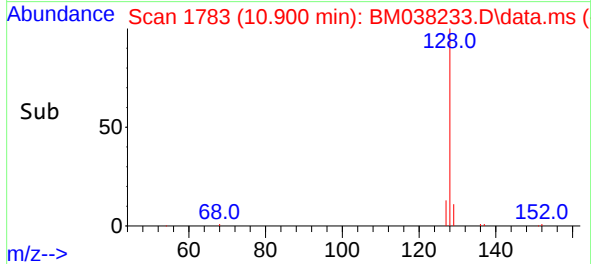
Instrument :
BNA_M
ClientSampleId :
DBXR3



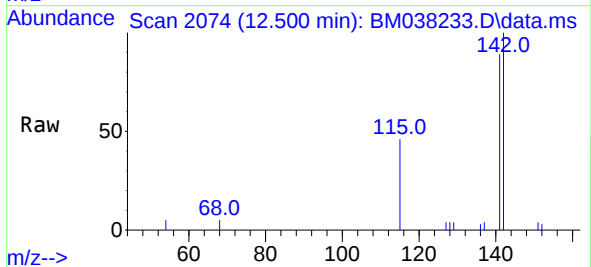
Tgt Ion:128 Resp: 5669
Ion Ratio Lower Upper
128 100
129 12.7 9.4 14.0
127 14.2 10.7 16.1

Manual Integrations
APPROVED

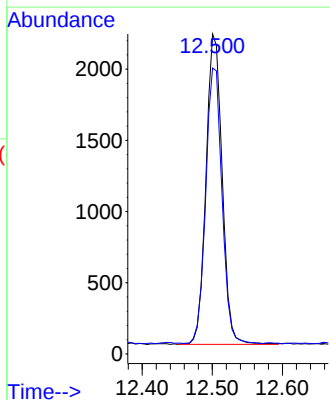
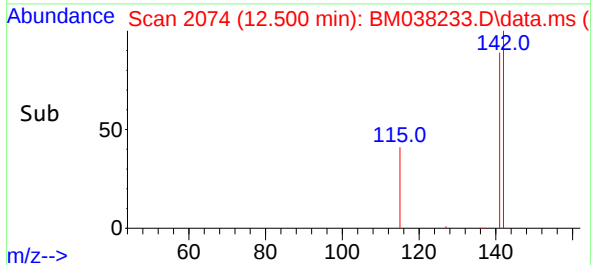
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

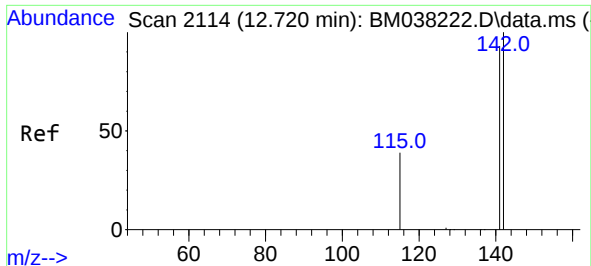


#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



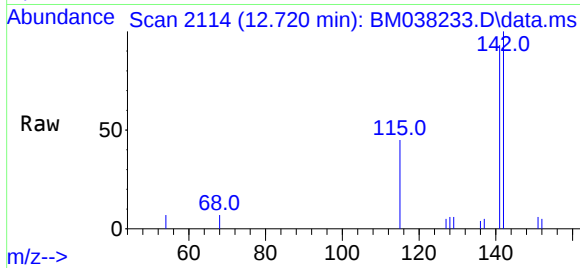
Tgt Ion:142 Resp: 3497
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.079 ng/u1
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

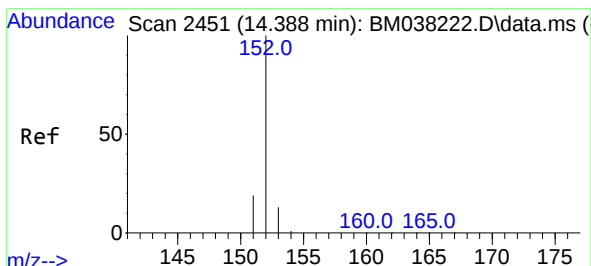
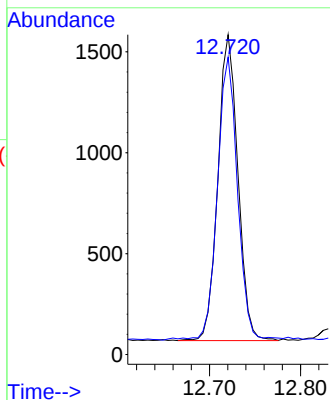
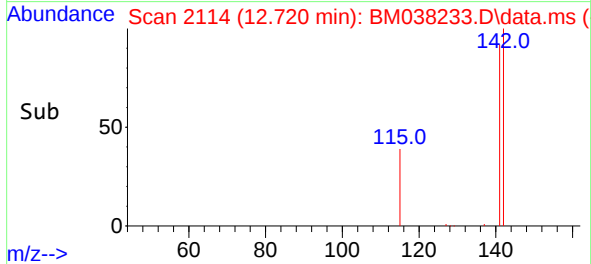
Instrument :
BNA_M
ClientSampleId :
DBXR3



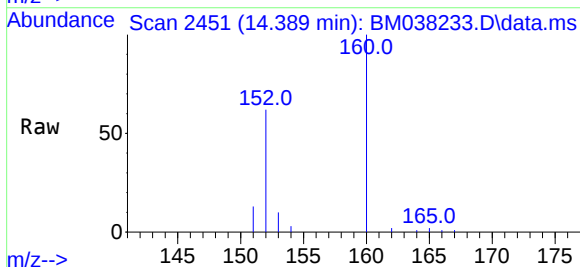
Tgt Ion:142 Resp: 2310
Ion Ratio Lower Upper
142 100
141 90.6 74.7 112.1

Manual Integrations
APPROVED

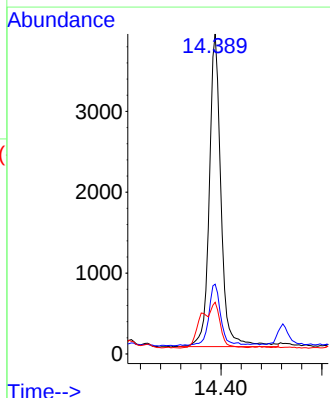
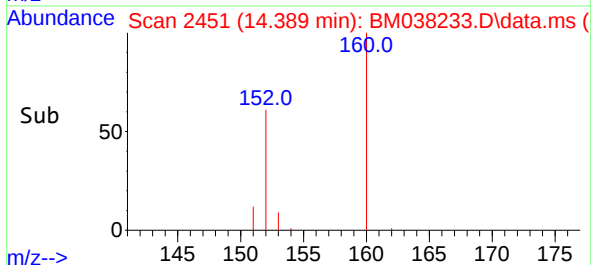
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

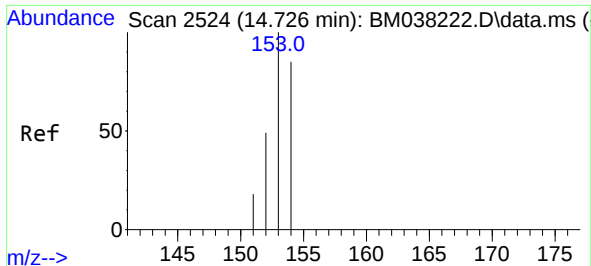


#10
Acenaphthylene
Concen: 0.127 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



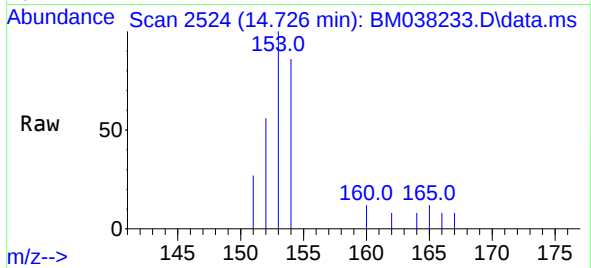
Tgt Ion:152 Resp: 6243
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 16.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

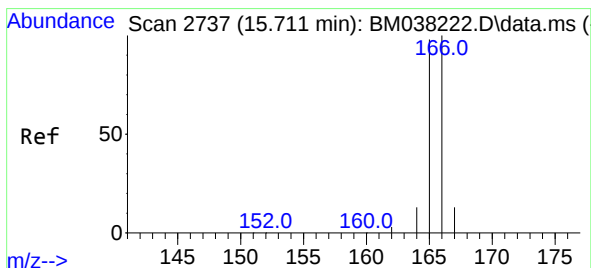
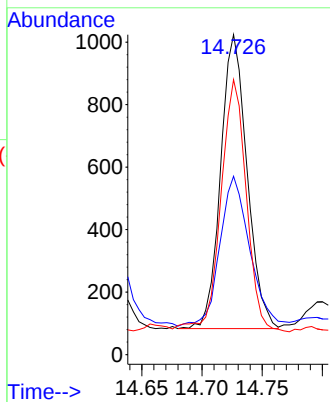
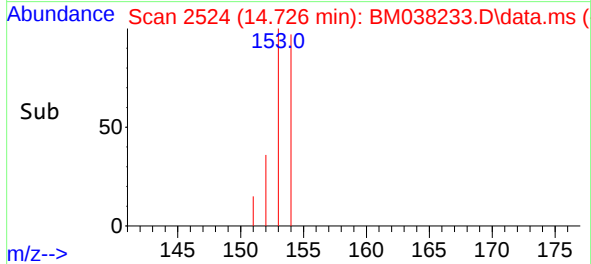
Instrument :
BNA_M
ClientSampleId :
DBXR3



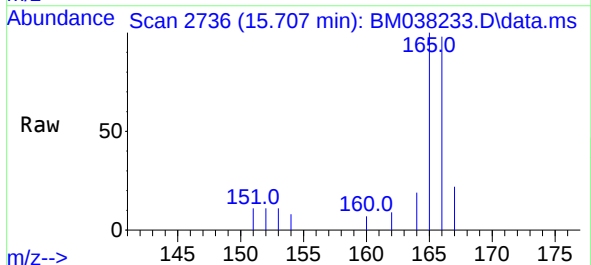
Tgt Ion:153 Resp: 143
Ion Ratio Lower Upper
153 100
152 55.8 39.4 59.0
154 85.9 69.0 103.4

Manual Integrations
APPROVED

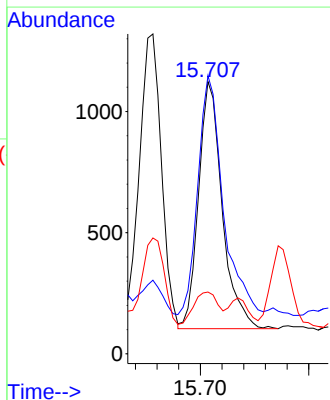
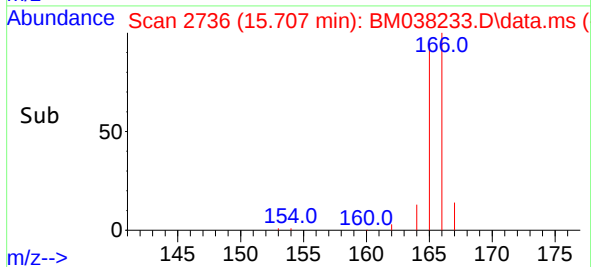
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

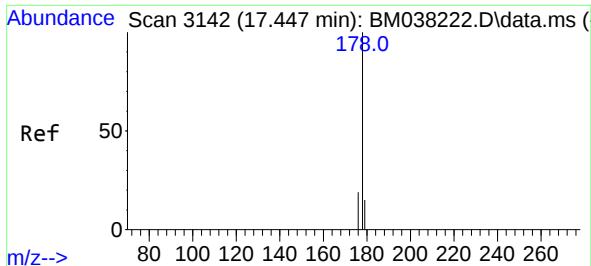


#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.707 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



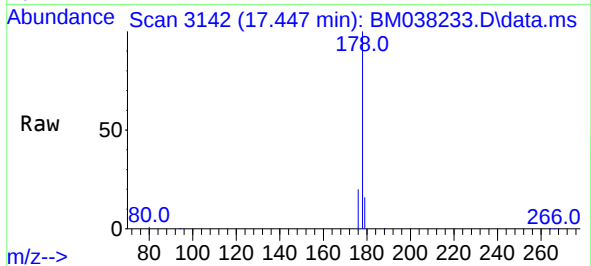
Tgt Ion:166 Resp: 1546
Ion Ratio Lower Upper
166 100
165 102.2 79.0 118.6
167 22.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.666 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

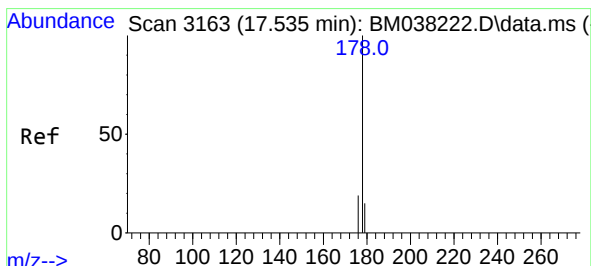
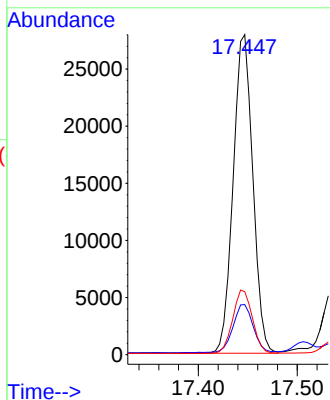
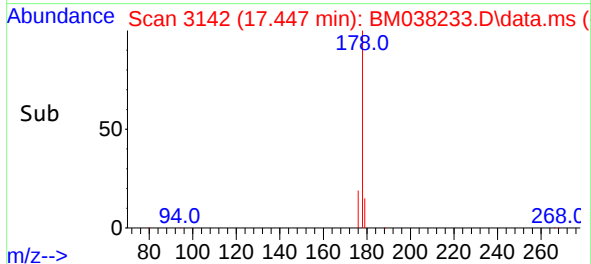
Instrument :
BNA_M
ClientSampleId :
DBXR3



Tgt Ion:178 Resp: 38509
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.7 16.2 24.4

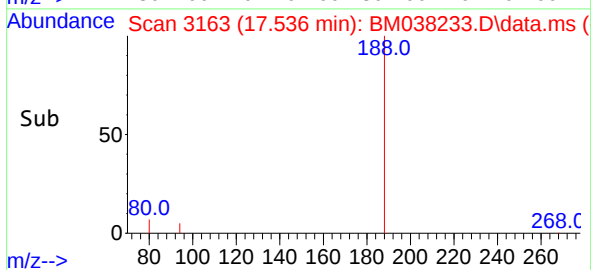
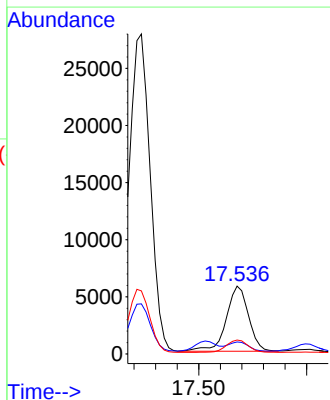
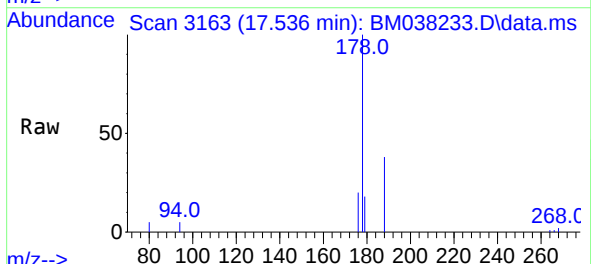
Manual Integrations
APPROVED

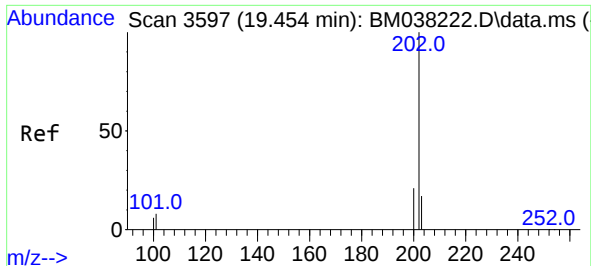
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.146 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

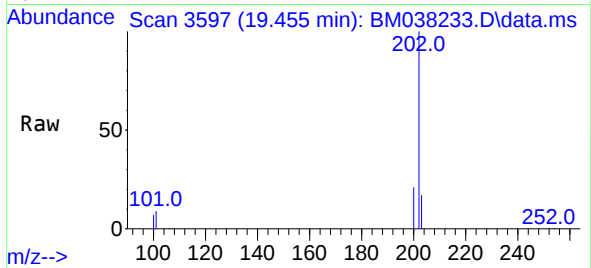
Tgt Ion:178 Resp: 8129
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 20.5 15.6 23.4





#19
Fluoranthene
Concen: 1.533 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

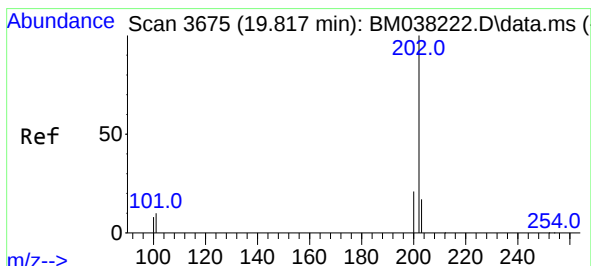
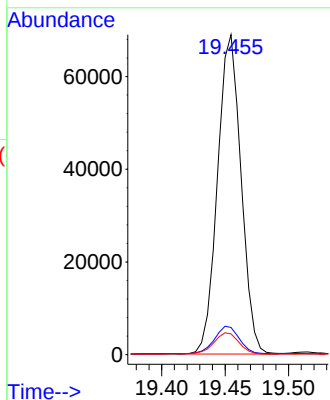
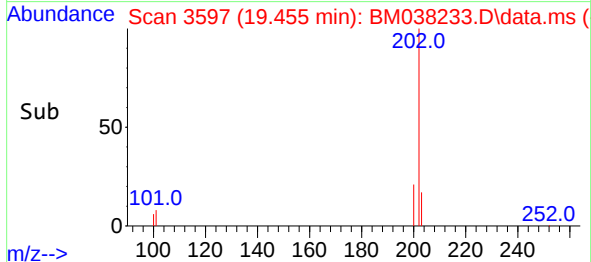
Instrument :
BNA_M
ClientSampleId :
DBXR3



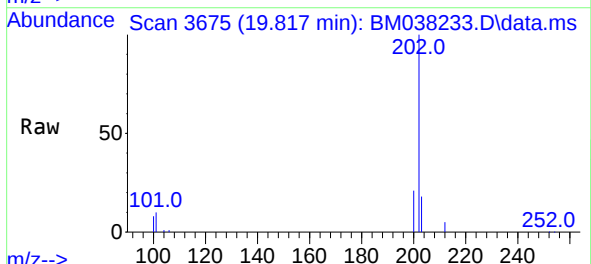
Tgt Ion:202 Resp: 8872
Ion Ratio Lower Upper
202 100
101 8.5 7.5 11.3
100 6.5 5.6 8.4

Manual Integrations
APPROVED

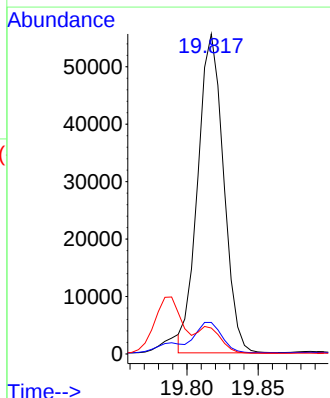
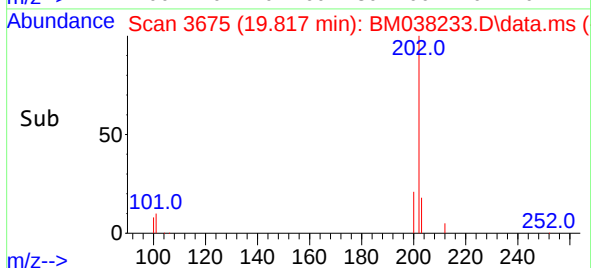
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

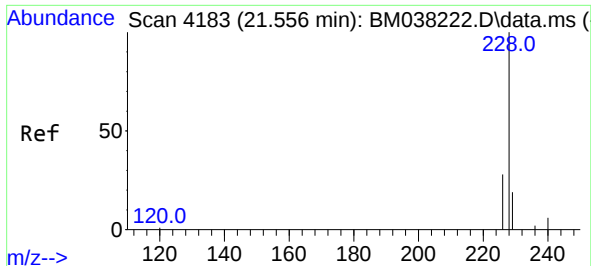


#20
Pyrene
Concen: 1.195 ng/u1 m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



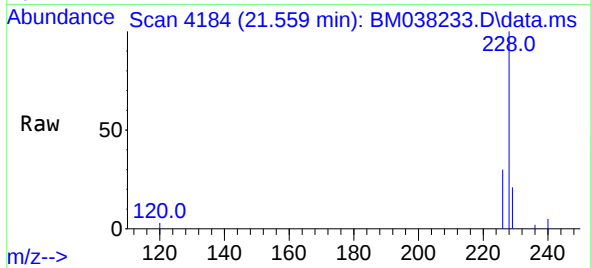
Tgt Ion:202 Resp: 69894
Ion Ratio Lower Upper
202 100
101 9.8 8.9 13.3
100 8.1 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.761 ng/u1
RT: 21.559 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

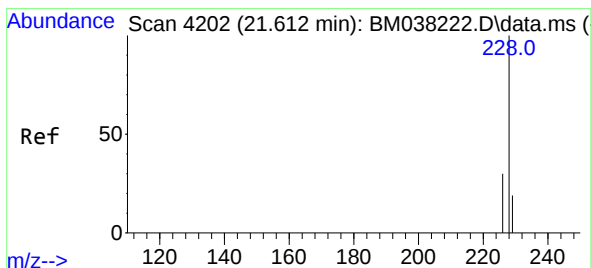
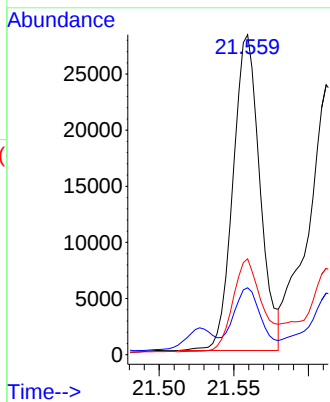
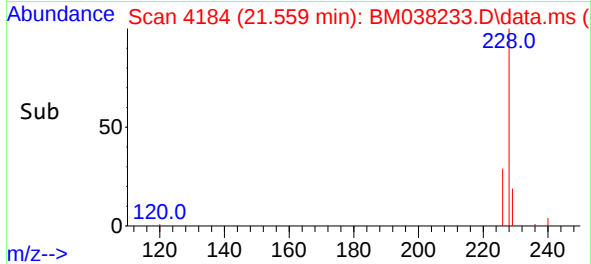
Instrument :
BNA_M
ClientSampleId :
DBXR3



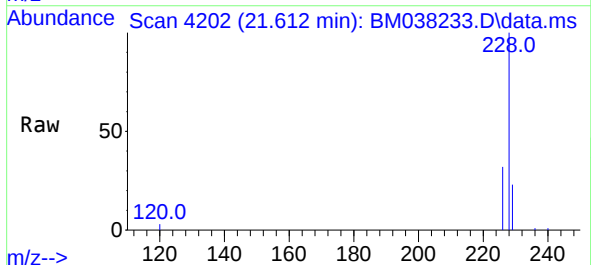
Tgt Ion:228 Resp: 35280
Ion Ratio Lower Upper
228 100
229 20.9 15.5 23.3
226 30.0 22.2 33.2

Manual Integrations
APPROVED

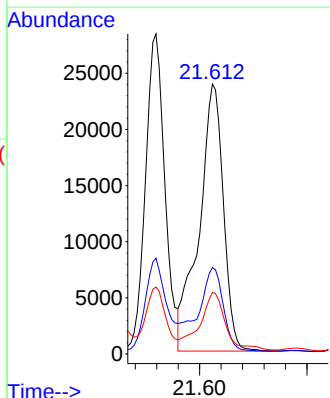
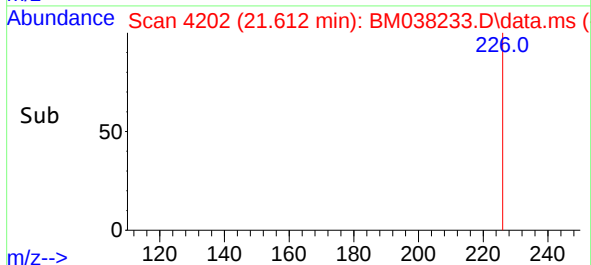
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

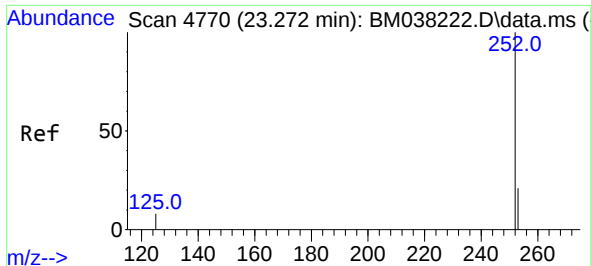


#22
Chrysene
Concen: 0.831 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



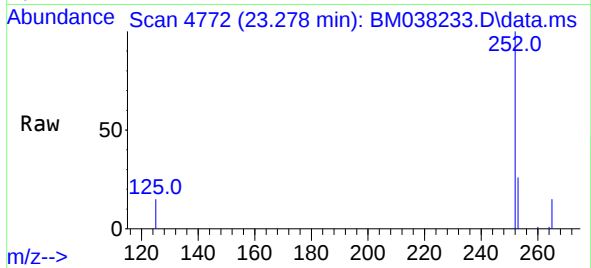
Tgt Ion:228 Resp: 37472
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.4
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.161 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.006 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

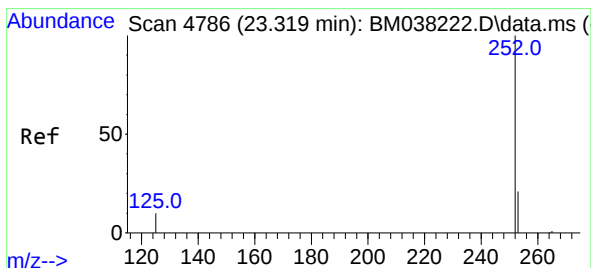
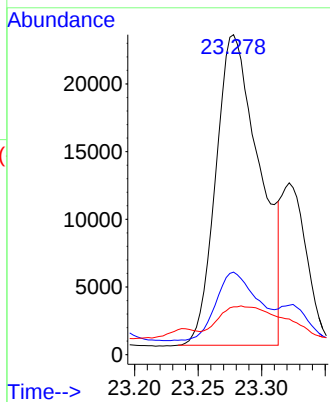
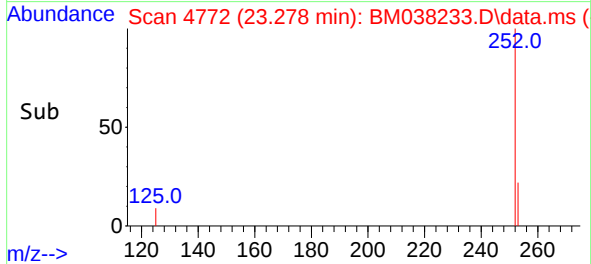
Instrument :
BNA_M
ClientSampleId :
DBXR3



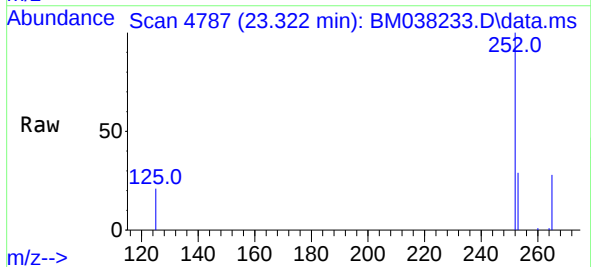
Tgt Ion:252 Resp: 5519
Ion Ratio Lower Upper
252 100
253 25.8 0.0 56.0
125 15.0 0.0 36.6

Manual Integrations
APPROVED

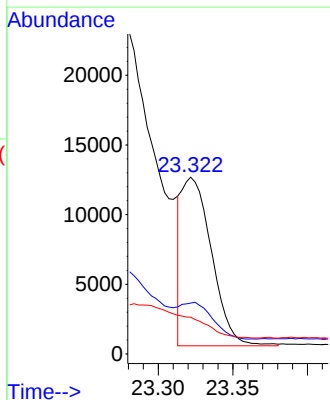
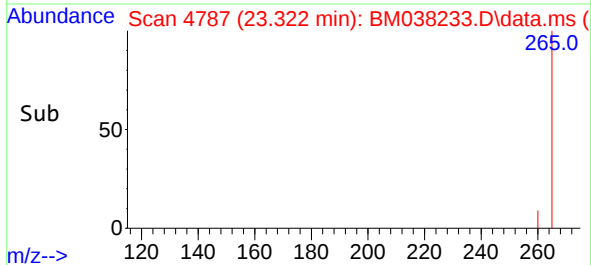
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

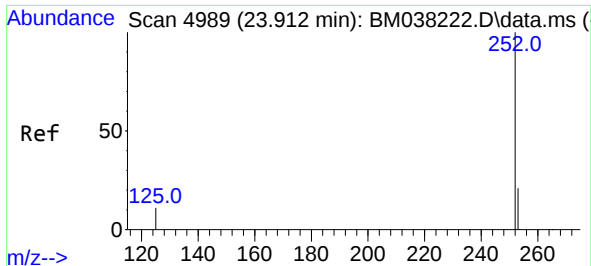


#25
Benzo(k)fluoranthene
Concen: 0.370 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



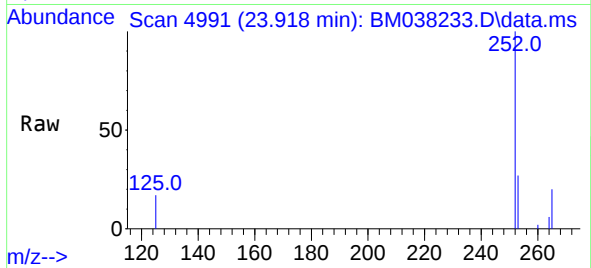
Tgt Ion:252 Resp: 16888
Ion Ratio Lower Upper
252 100
253 28.8 22.5 33.7
125 20.8 14.4 21.6





#26
Benzo(a)pyrene
Concen: 0.838 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. 0.006 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

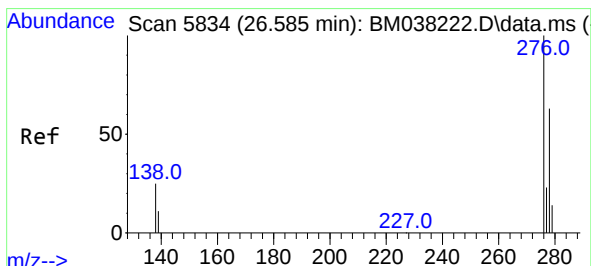
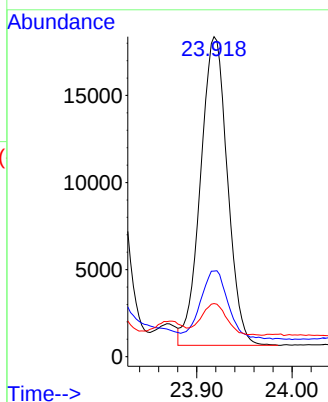
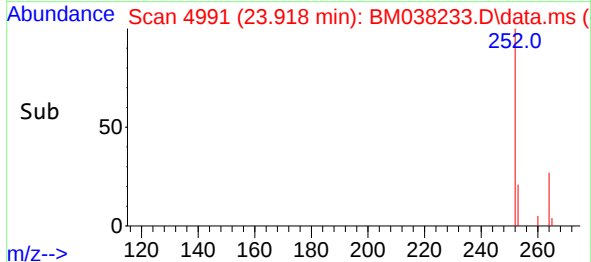
Instrument :
BNA_M
ClientSampleId :
DBXR3



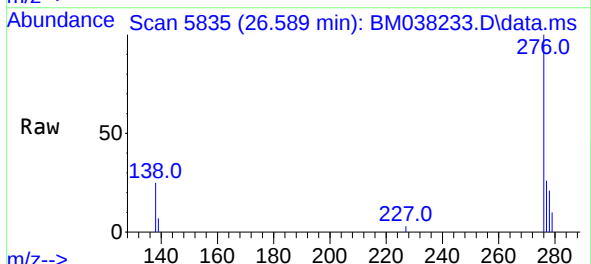
Tgt Ion:252 Resp: 3475
Ion Ratio Lower Upper
252 100
253 26.8 24.2 36.4
125 16.6 17.3 25.9

Manual Integrations
APPROVED

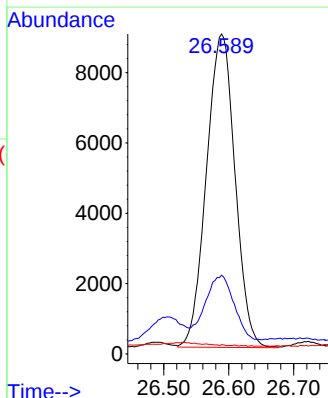
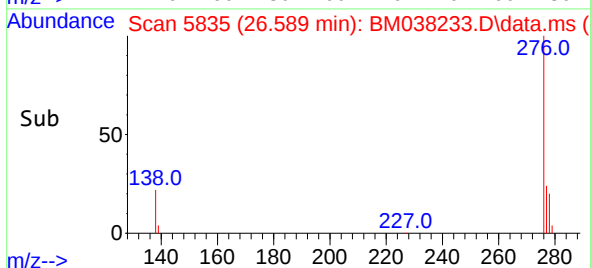
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

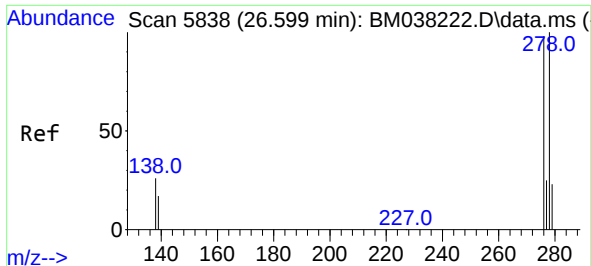


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. 0.007 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



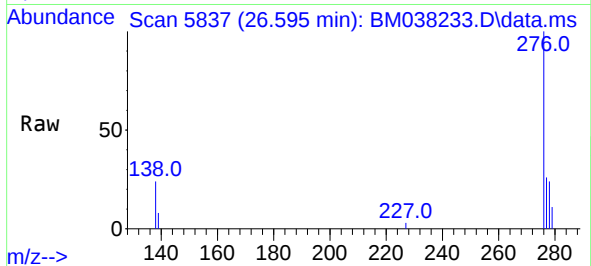
Tgt Ion:276 Resp: 27253
Ion Ratio Lower Upper
276 100
138 20.7 21.7 32.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.156 ng/ul
RT: 26.595 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27

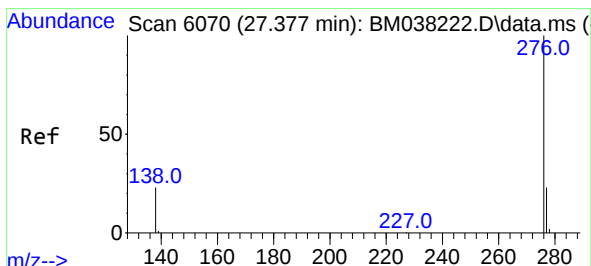
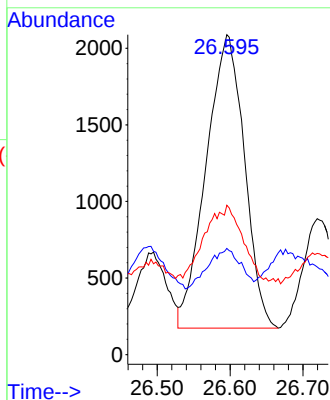
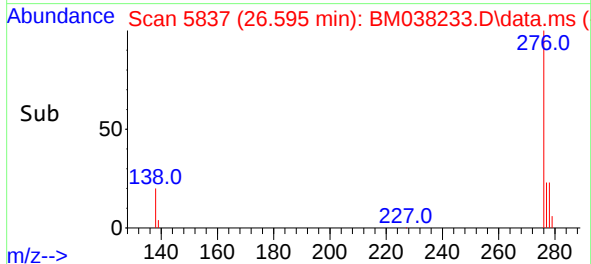
Instrument :
BNA_M
ClientSampleId :
DBXR3



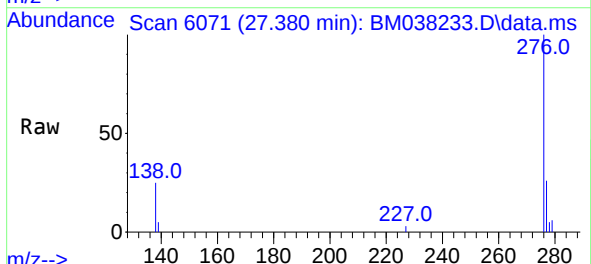
Tgt Ion:278 Resp: 6978
Ion Ratio Lower Upper
278 100
139 33.2 16.8 25.2
279 46.7 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.561 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. 0.010 min
Lab File: BM038233.D
Acq: 23 Dec 2022 15:27



Tgt Ion:276 Resp: 27147
Ion Ratio Lower Upper
276 100
138 25.4 20.8 31.2
277 25.7 20.5 30.7

