

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038238.D
 Acq On : 23 Dec 2022 18:31
 Operator : CG/JU
 Sample : N6014-17
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS7

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:24:14 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	8.034	152	3882	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	11519	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	6369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12437	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	8025	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	8128	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	14944	3.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4298	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7830	0.260	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	1376	0.041	ng/ul#	85
7) 2-Methylnaphthalene	12.500	142	601	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	444	0.021	ng/ul	94
10) Acenaphthylene	14.384	152	2772	0.079	ng/ul#	89
11) Acenaphthene	14.726	153	619	0.025	ng/ul	94
12) Fluorene	15.707	166	555	0.020	ng/ul#	88
15) Phenanthrene	17.447	178	12546	0.301	ng/ul	100
16) Anthracene	17.535	178	3482	0.087	ng/ul#	91
19) Fluoranthene	19.454	202	36303	0.826	ng/ul	100
20) Pyrene	19.817	202	32383m	0.729	ng/ul	
21) Benzo(a)anthracene	21.556	228	17367	0.493	ng/ul	97
22) Chrysene	21.612	228	19626	0.573	ng/ul	97
24) Benzo(b)fluoranthene	23.275	252	30392	0.845	ng/ul	99
25) Benzo(k)fluoranthene	23.319	252	10660m	0.308	ng/ul	
26) Benzo(a)pyrene	23.915	252	18620	0.593	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.582	276	15612	0.359	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.592	278	3909	0.116	ng/ul#	51
29) Benzo(g,h,i)perylene	27.377	276	15775	0.431	ng/ul	99

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

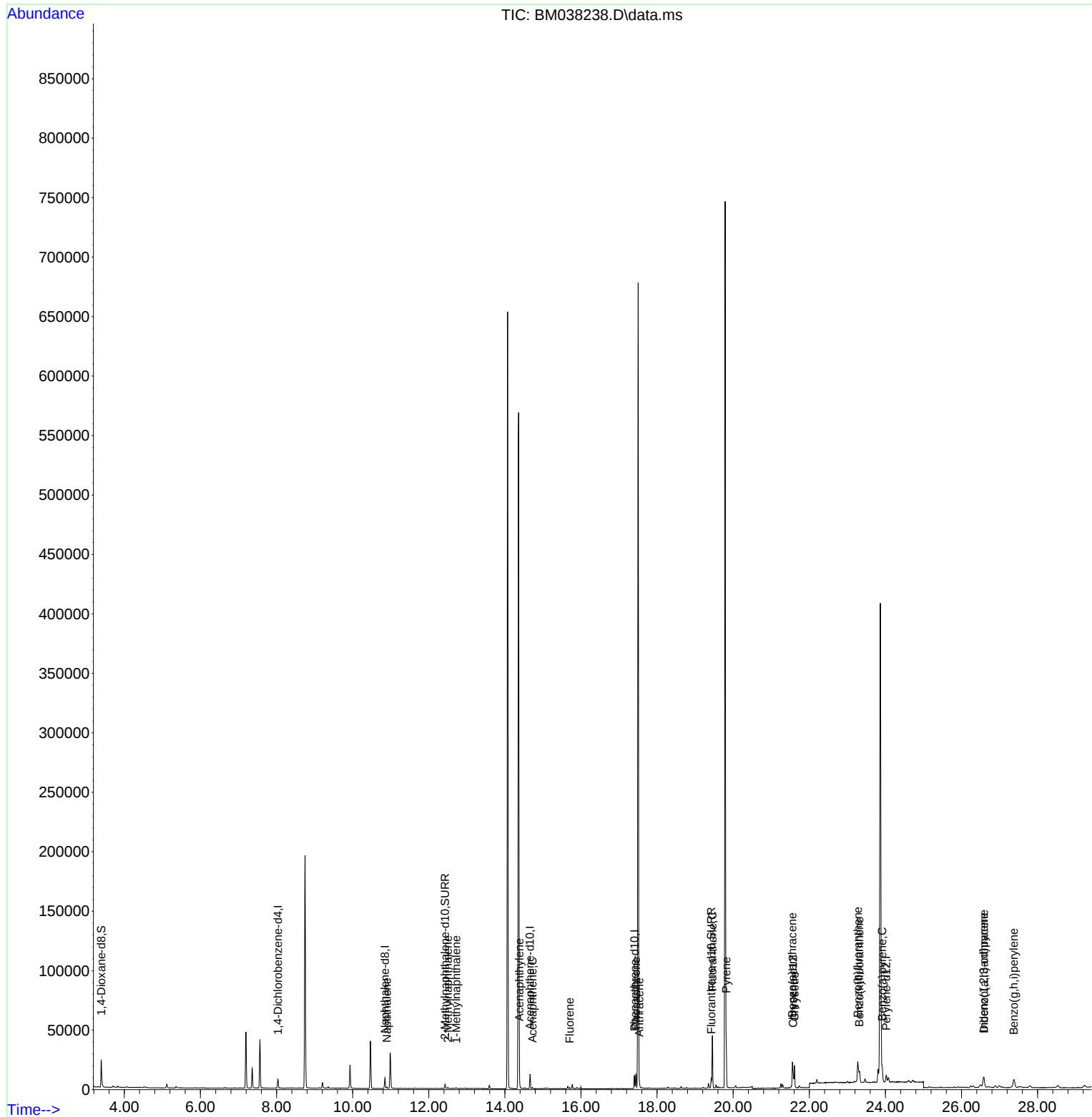
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038238.D
Acq On : 23 Dec 2022 18:31
Operator : CG/JU
Sample : N6014-17
Misc :
ALS Vial : 45 Sample Multiplier: 1

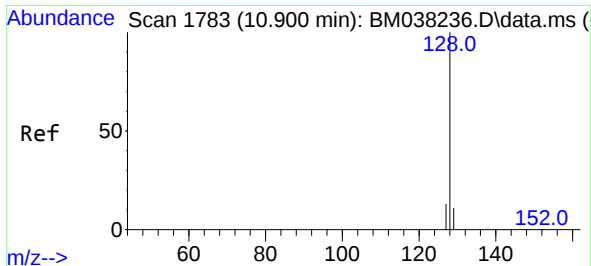
Instrument :
BNA_M
ClientSampleId :
DBXS7

Manual Integrations
APPROVED

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

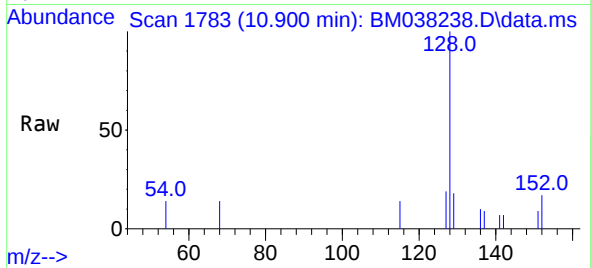
Quant Time: Dec 23 23:24:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

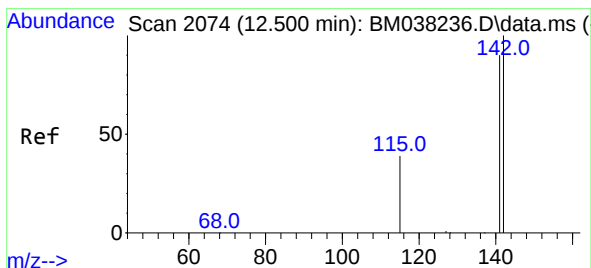
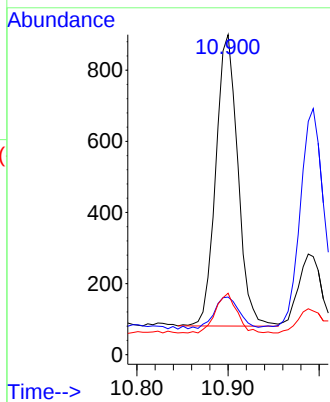
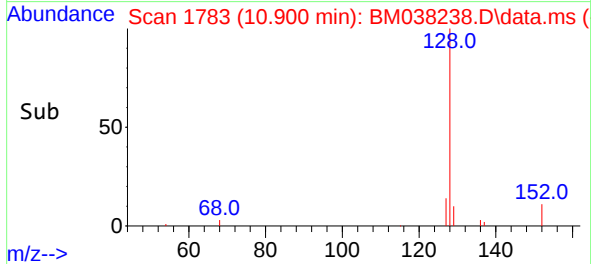
Instrument :
BNA_M
ClientSampleId :
DBXS7



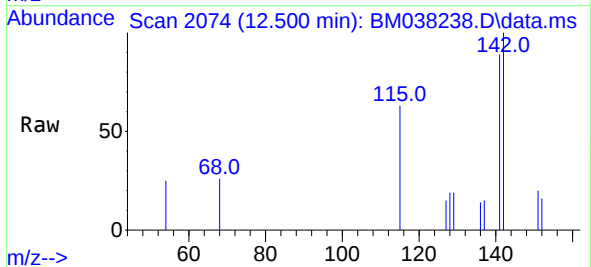
Tgt Ion:128 Resp: 1370
Ion Ratio Lower Upper
128 100
129 18.0 9.4 14.0
127 19.2 10.7 16.1

Manual Integrations
APPROVED

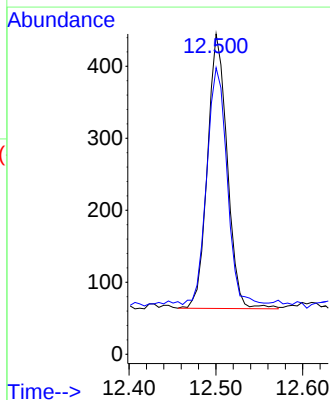
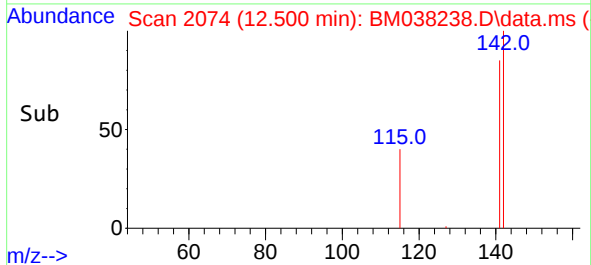
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

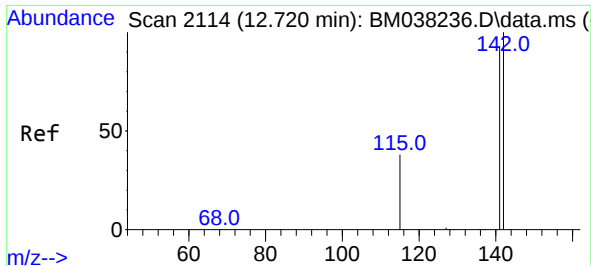


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



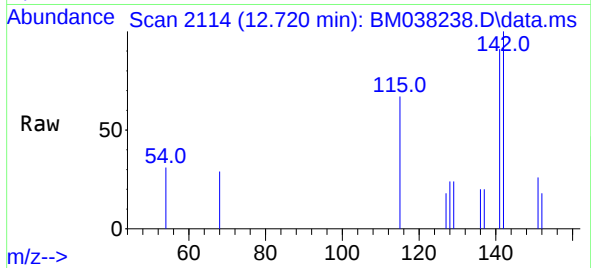
Tgt Ion:142 Resp: 601
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

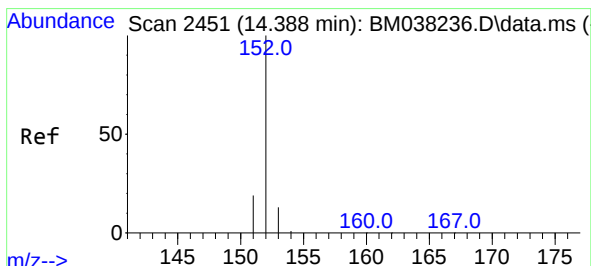
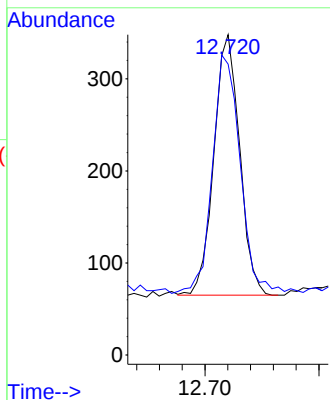
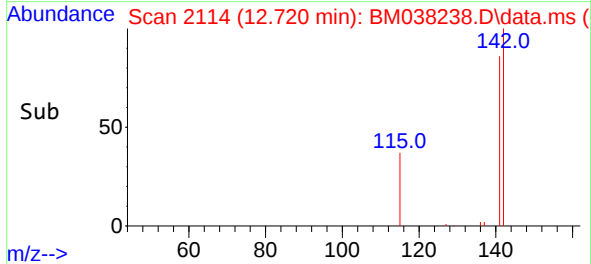
Instrument :
BNA_M
ClientSampleId :
DBXS7



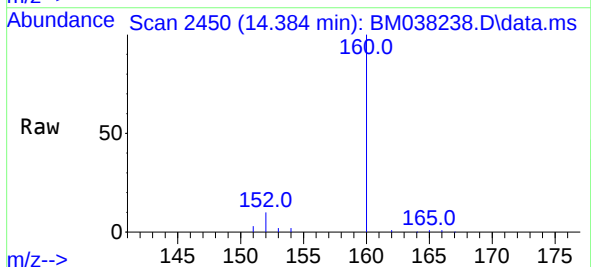
Tgt Ion:142 Resp: 444
Ion Ratio Lower Upper
142 100
141 99.1 74.7 112.1

Manual Integrations
APPROVED

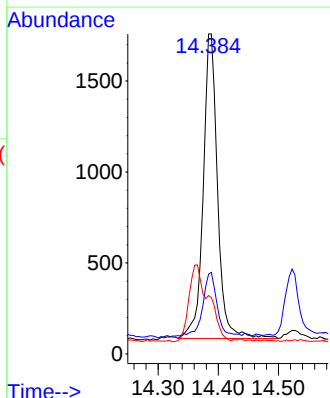
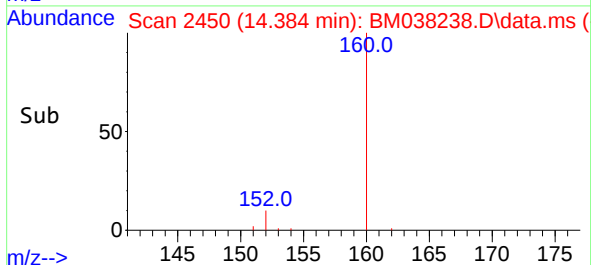
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

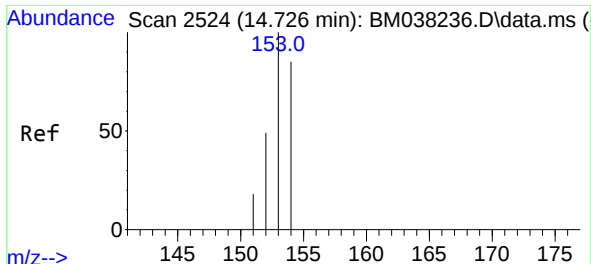


#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



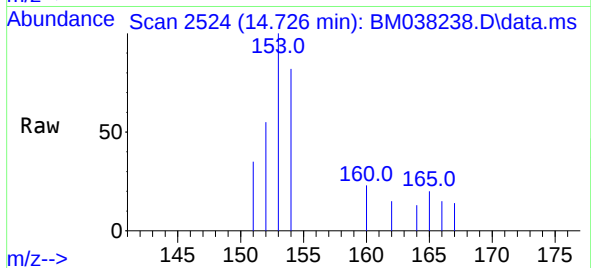
Tgt Ion:152 Resp: 2772
Ion Ratio Lower Upper
152 100
151 25.0 16.2 24.2#
153 18.2 10.7 16.1#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.726 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

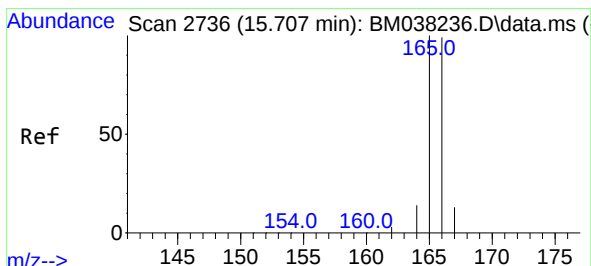
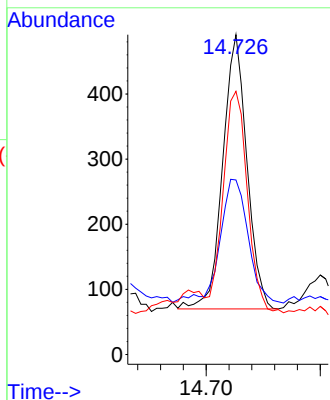
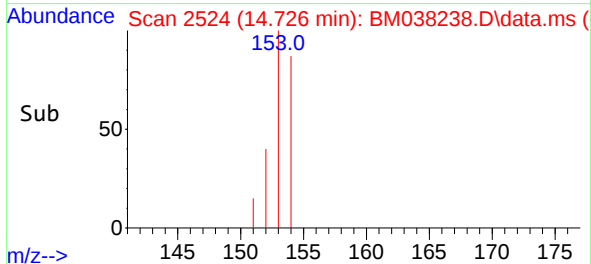
Instrument :
BNA_M
ClientSampleId :
DBXS7



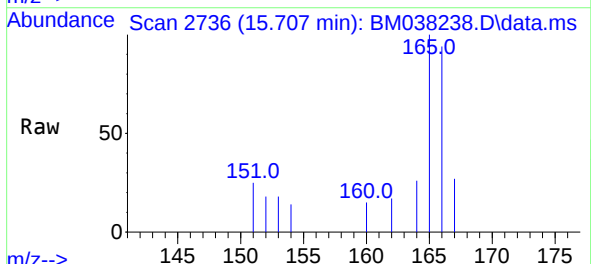
Tgt Ion:153 Resp: 619
Ion Ratio Lower Upper
153 100
152 54.6 39.4 59.0
154 82.3 69.0 103.4

Manual Integrations
APPROVED

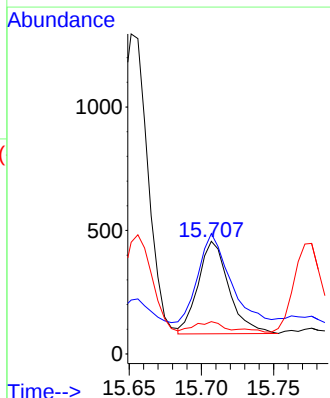
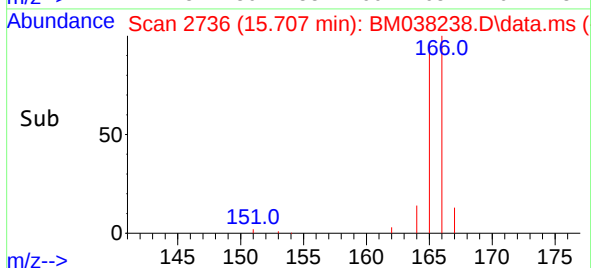
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

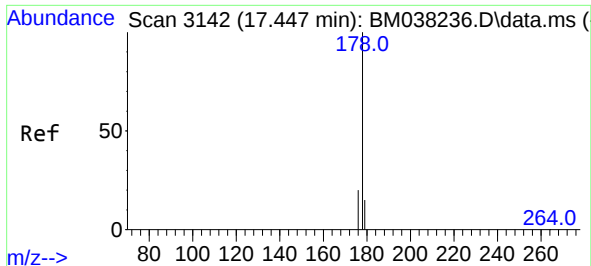


#12
Fluorene
Concen: 0.020 ng/u1
RT: 15.707 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



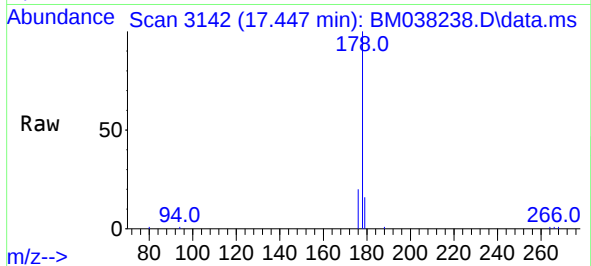
Tgt Ion:166 Resp: 555
Ion Ratio Lower Upper
166 100
165 106.8 79.0 118.6
167 28.7 11.0 16.6#





#15
Phenanthrene
Concen: 0.301 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

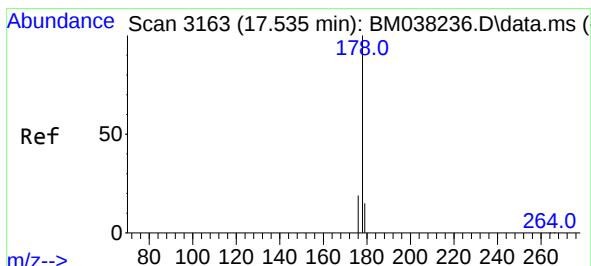
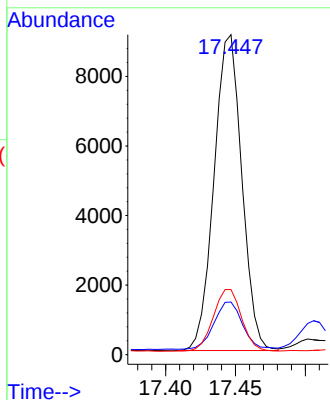
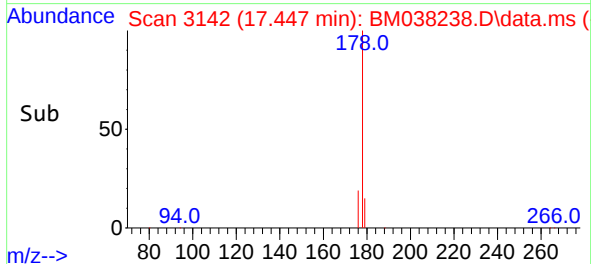
Instrument :
BNA_M
ClientSampleId :
DBXS7



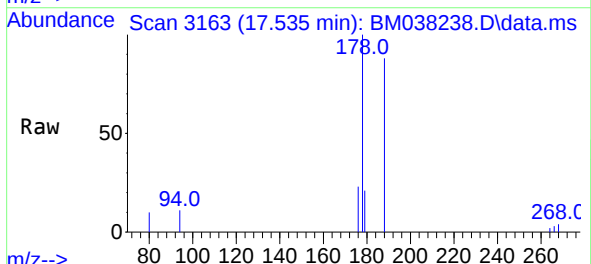
Tgt Ion:178 Resp: 12540
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.4 16.2 24.4

Manual Integrations
APPROVED

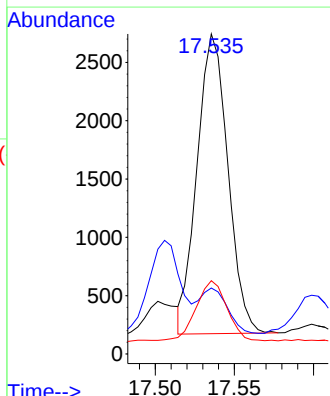
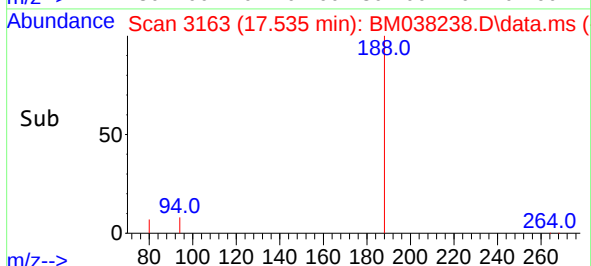
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

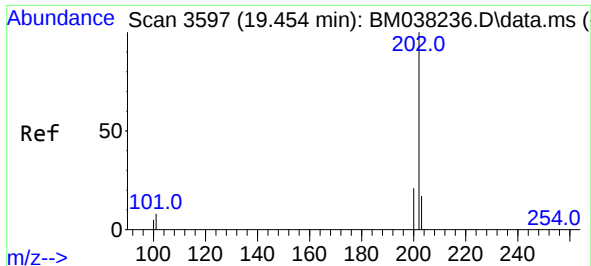


#16
Anthracene
Concen: 0.087 ng/u1
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



Tgt Ion:178 Resp: 3482
Ion Ratio Lower Upper
178 100
179 20.6 13.0 19.6#
176 22.9 15.6 23.4





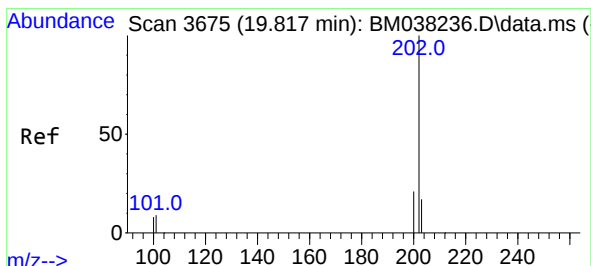
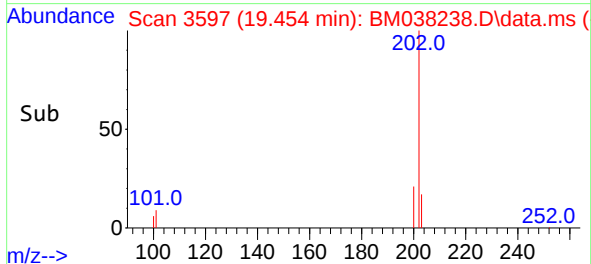
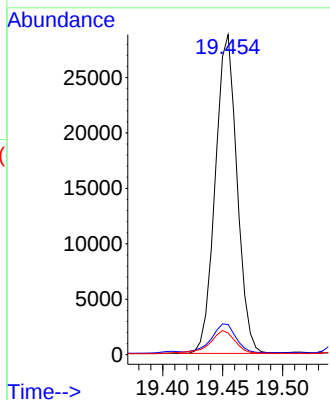
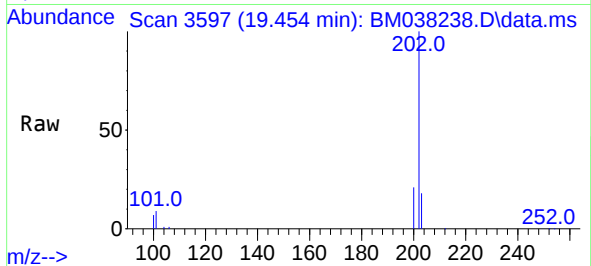
#19
Fluoranthene
Concen: 0.826 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

Instrument :
BNA_M
ClientSampleId :
DBXS7

Tgt Ion:202 Resp: 3630
Ion Ratio Lower Upper
202 100
101 9.4 7.5 11.3
100 6.8 5.6 8.4

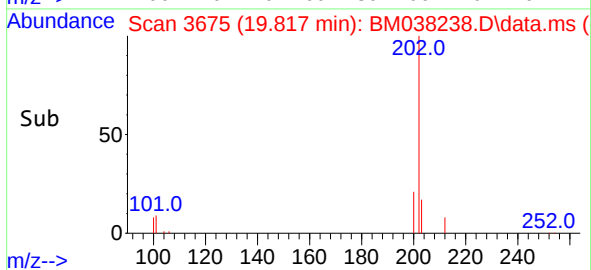
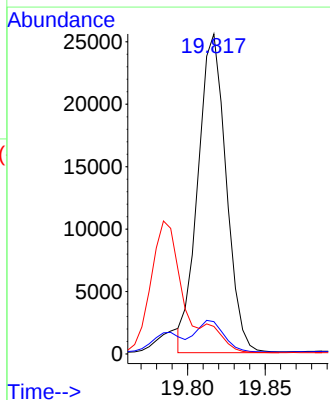
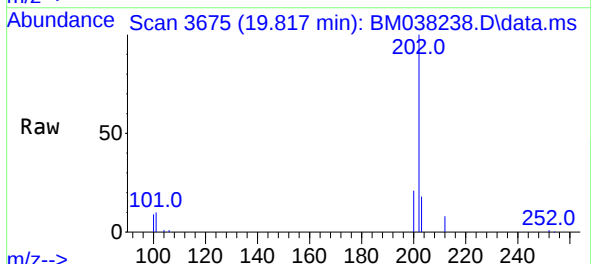
Manual Integrations
APPROVED

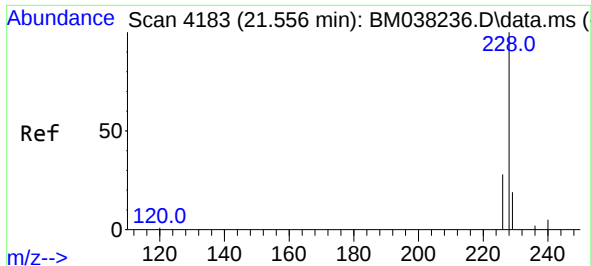
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.729 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

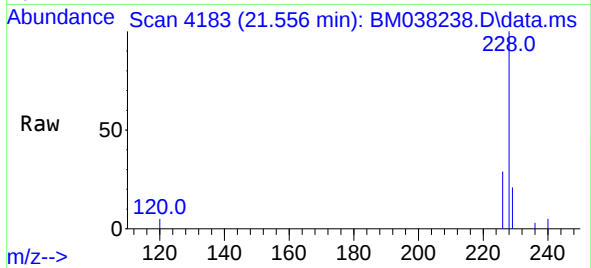
Tgt Ion:202 Resp: 32383
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.6 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.493 ng/u1
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

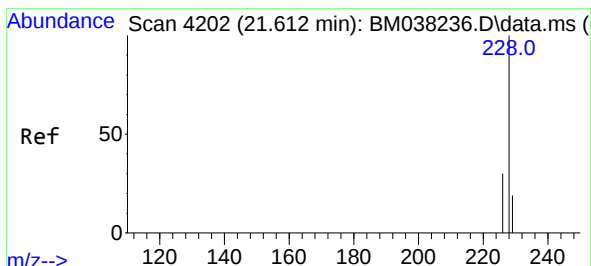
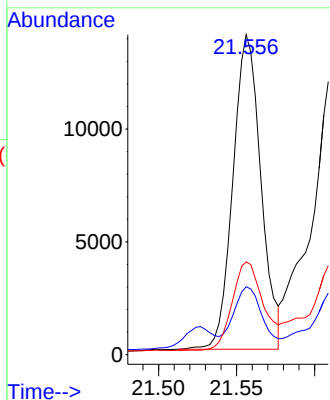
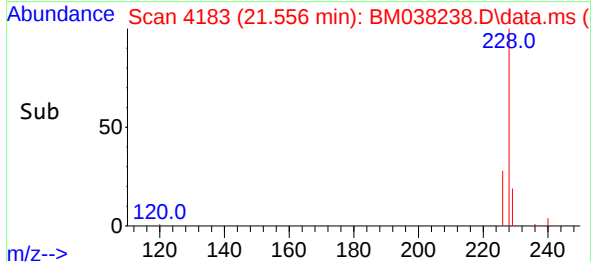
Instrument :
BNA_M
ClientSampleId :
DBXS7



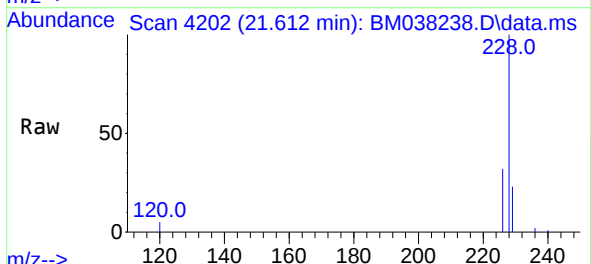
Tgt Ion:228 Resp: 1736
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 29.0 22.2 33.2

Manual Integrations
APPROVED

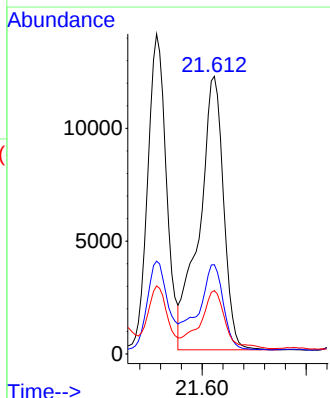
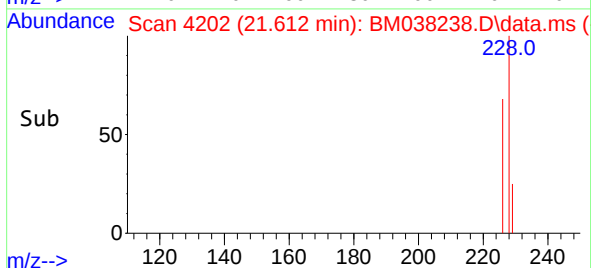
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

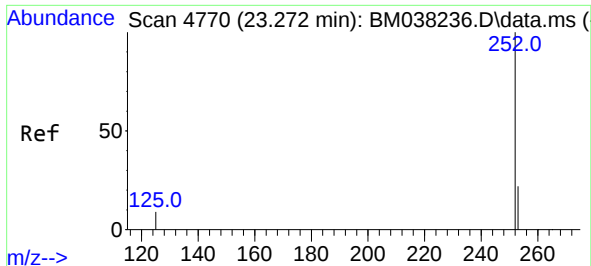


#22
Chrysene
Concen: 0.573 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



Tgt Ion:228 Resp: 19626
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.4
229 22.8 16.0 24.0





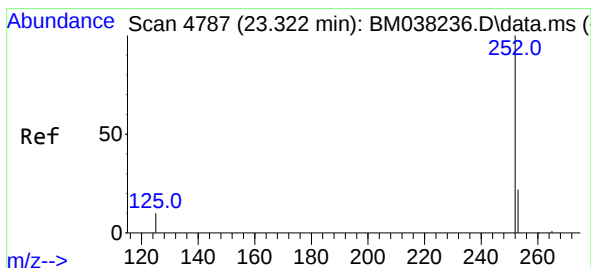
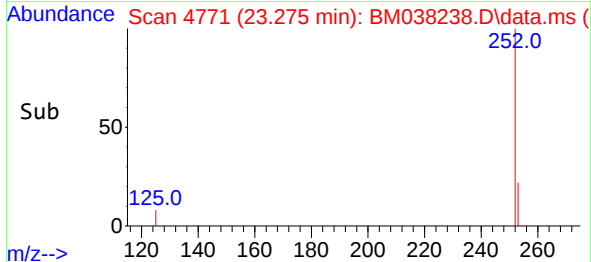
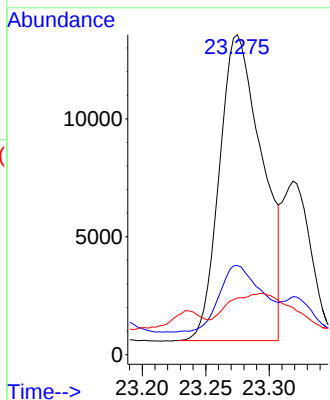
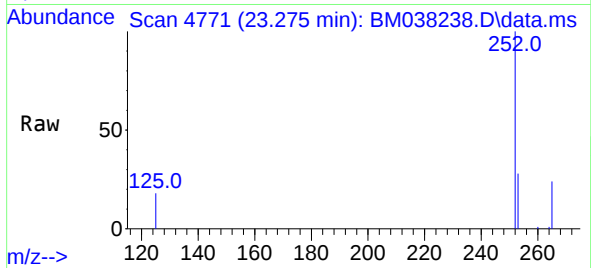
#24
Benzo(b)fluoranthene
Concen: 0.845 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

Instrument :
BNA_M
ClientSampleId :
DBXS7

Tgt Ion:252 Resp: 30392
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 17.8 0.0 36.6

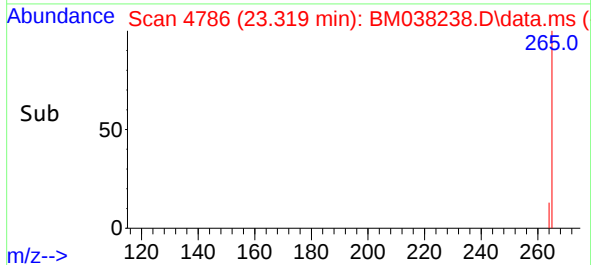
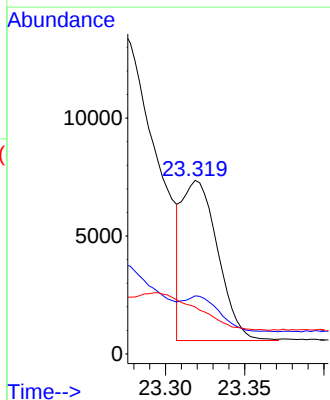
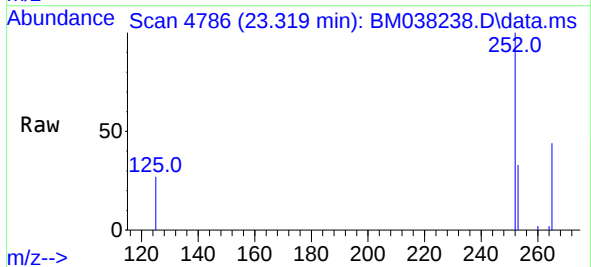
Manual Integrations
APPROVED

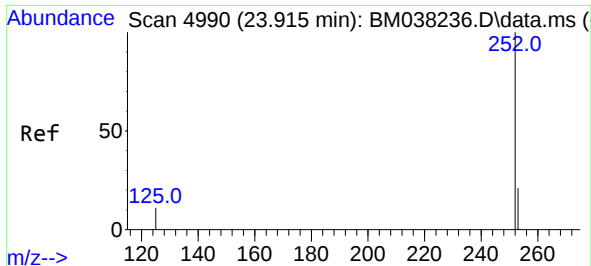
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul m
RT: 23.319 min Scan# 4786
Delta R.T. -0.003 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

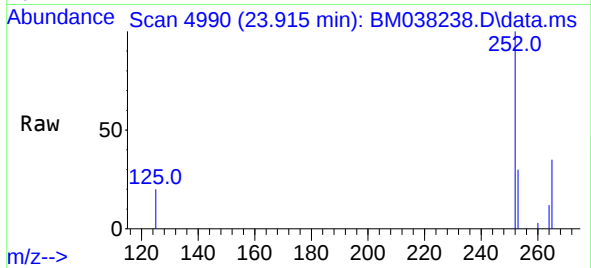
Tgt Ion:252 Resp: 10660
Ion Ratio Lower Upper
252 100
253 33.4 22.5 33.7
125 27.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.593 ng/u1
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

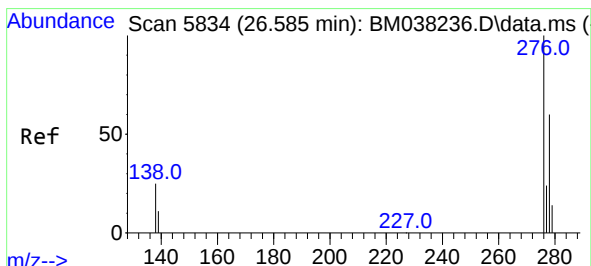
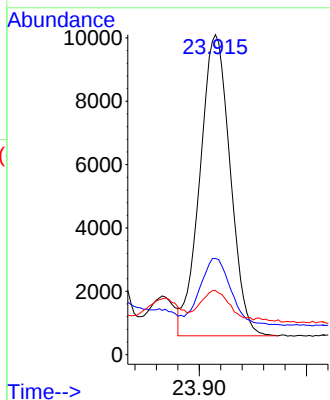
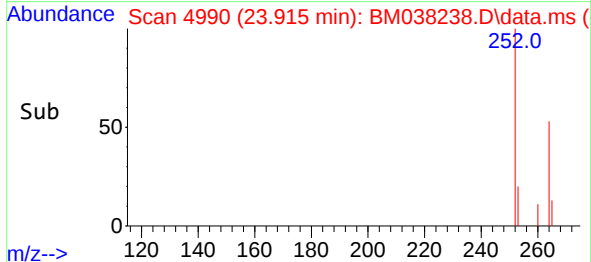
Instrument :
BNA_M
ClientSampleId :
DBXS7



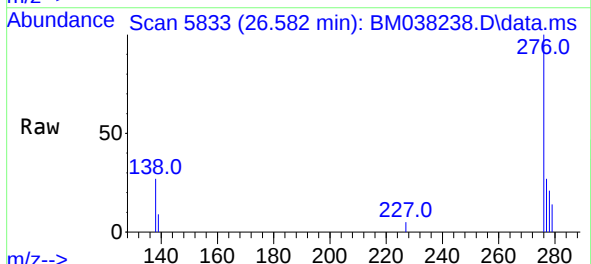
Tgt Ion:252 Resp: 18620
Ion Ratio Lower Upper
252 100
253 30.1 24.2 36.4
125 20.0 17.3 25.9

Manual Integrations
APPROVED

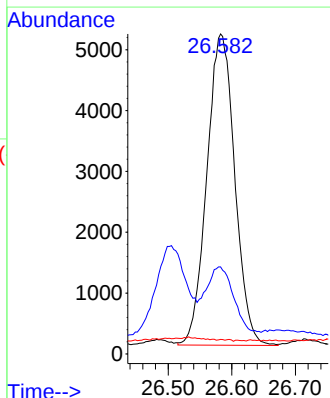
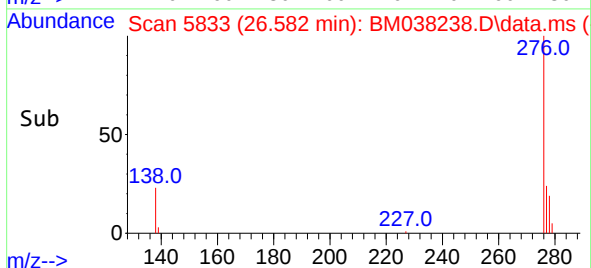
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

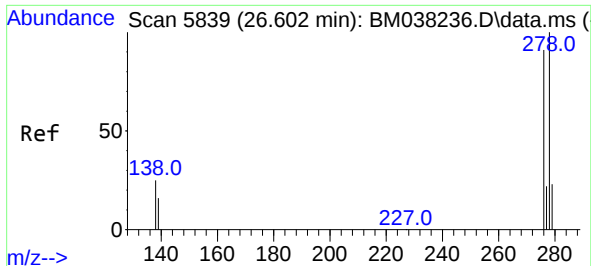


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/u1
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



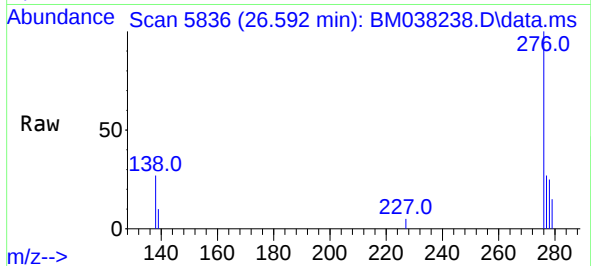
Tgt Ion:276 Resp: 15612
Ion Ratio Lower Upper
276 100
138 21.7 21.7 32.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.003 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31

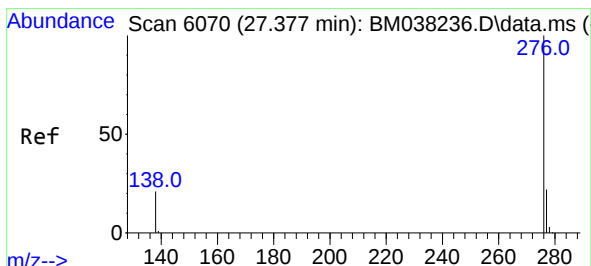
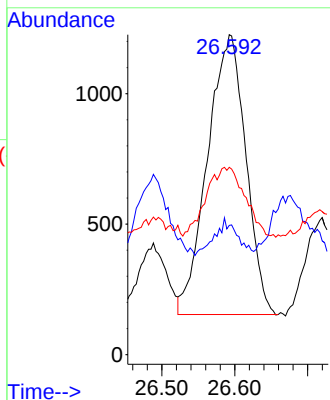
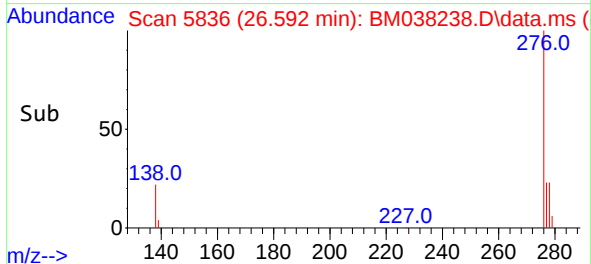
Instrument :
BNA_M
ClientSampleId :
DBXS7



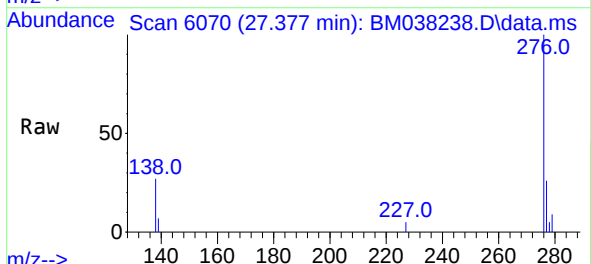
Tgt Ion:278 Resp: 3909
Ion Ratio Lower Upper
278 100
139 40.4 16.8 25.2
279 58.6 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038238.D
Acq: 23 Dec 2022 18:31



Tgt Ion:276 Resp: 15775
Ion Ratio Lower Upper
276 100
138 27.3 20.8 31.2
277 25.6 20.5 30.7

