

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038310.D
 Acq On : 25 Dec 2022 17:08
 Operator : CG/JU
 Sample : N6017-22DL 5X
 Misc :
 ALS Vial : 119 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYH1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:56:25 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	3029	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9275	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.652	164	5294	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10807	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7967	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2938	0.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	1094	0.080	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	2183	0.073	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.883	128	10194	0.375	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	1901	0.112	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	724	0.042	ng/ul	100
10) Acenaphthylene	14.374	152	22985	0.787	ng/ul	100
11) Acenaphthene	14.717	153	1241	0.059	ng/ul	96
12) Fluorene	15.698	166	1812	0.080	ng/ul#	95
15) Phenanthrene	17.434	178	42812	1.184	ng/ul	99
16) Anthracene	17.523	178	17483	0.503	ng/ul	99
19) Fluoranthene	19.445	202	197966	4.535	ng/ul#	96
20) Pyrene	19.808	202	167255	3.792	ng/ul	95
21) Benzo(a)anthracene	21.547	228	107804	3.085	ng/ul	97
22) Chrysene	21.603	228	104833	3.082	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	140569	3.954	ng/ul	88
25) Benzo(k)fluoranthene	23.307	252	47202m	1.382	ng/ul	
26) Benzo(a)pyrene	23.900	252	87873	2.833	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.555	276	63804	1.483	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.565	278	15925	0.476	ng/ul	96
29) Benzo(g,h,i)perylene	27.350	276	61192	1.690	ng/ul	94

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

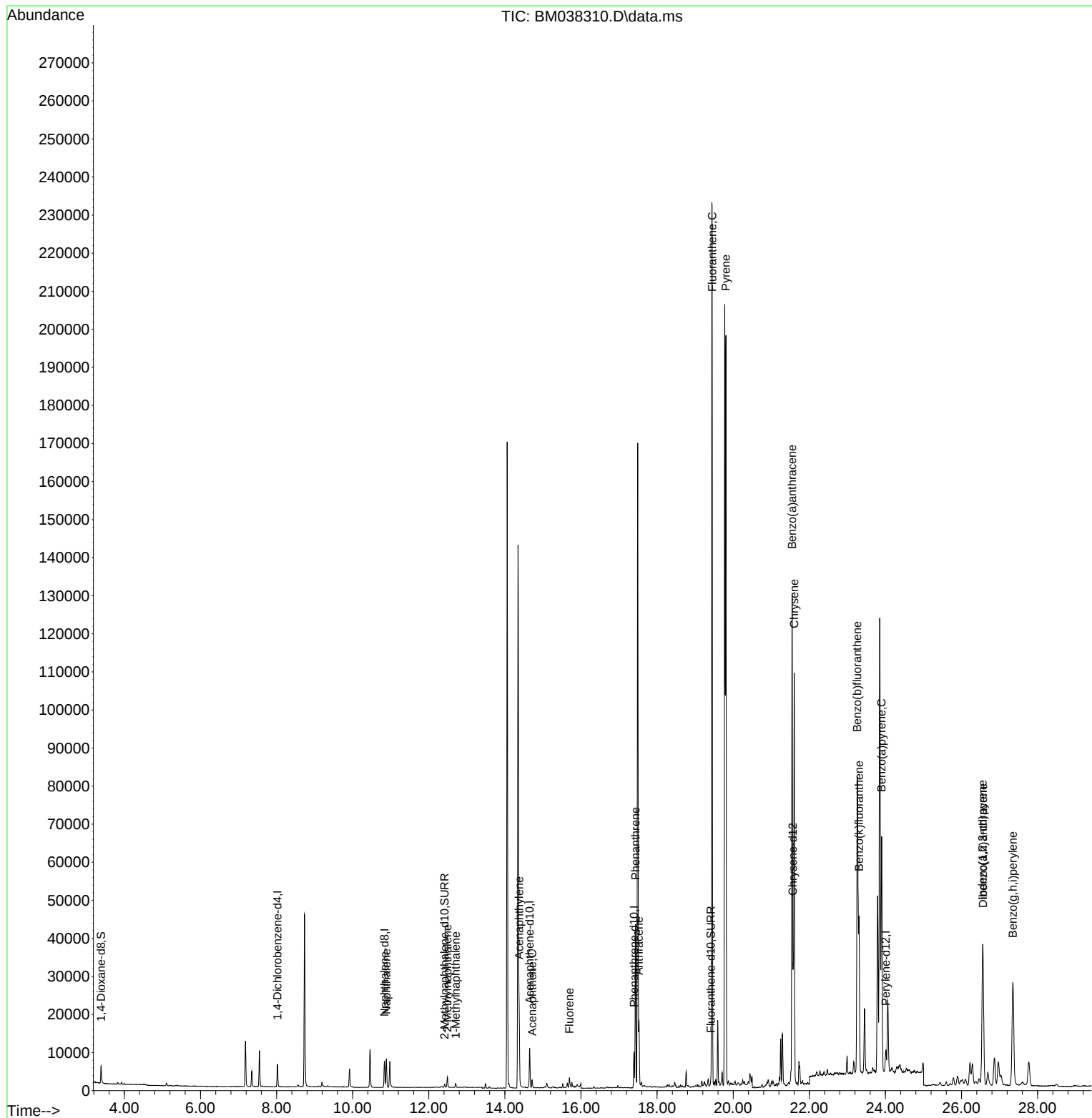
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038310.D
Acq On : 25 Dec 2022 17:08
Operator : CG/JU
Sample : N6017-22DL 5X
Misc :
ALS Vial : 119 Sample Multiplier: 1

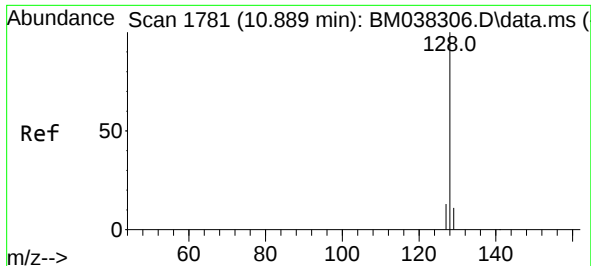
Instrument :
BNA_M
ClientSampleId :
DBYH1DL

Quant Time: Dec 25 23:56:25 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 : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

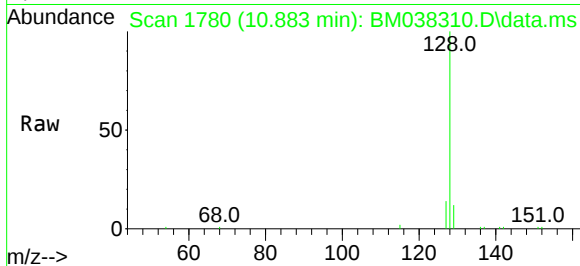
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.883 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

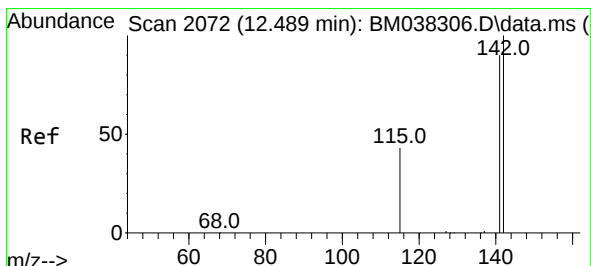
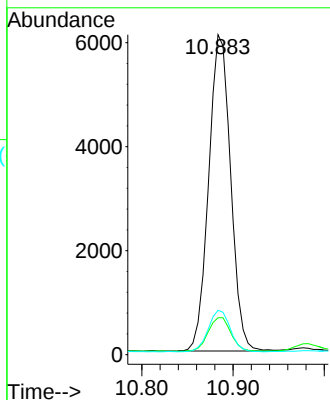
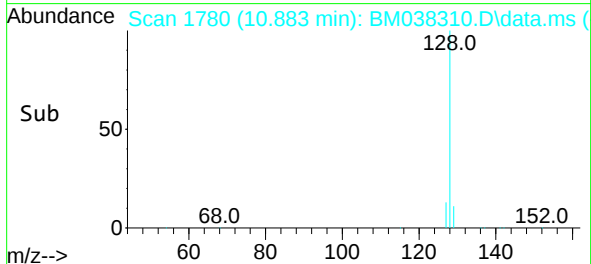
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:128 Resp: 10194
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 10.7 16.1

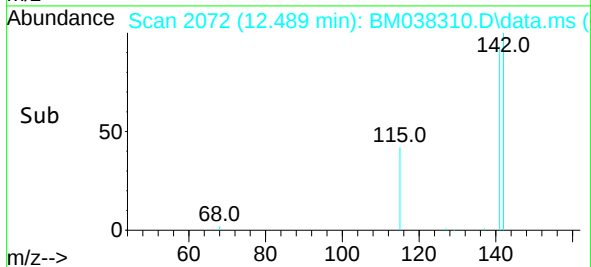
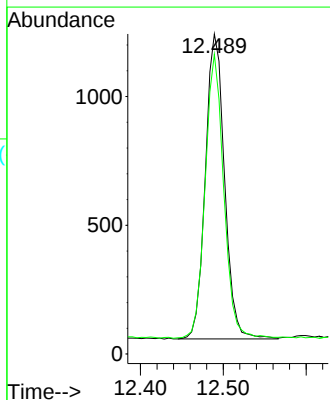
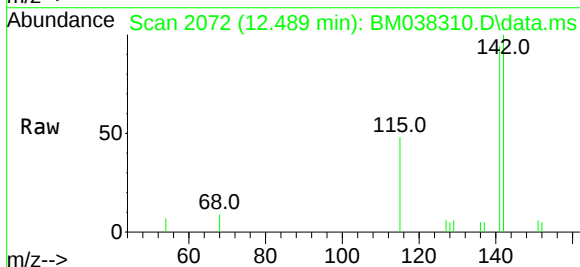
Manual Integrations
APPROVED

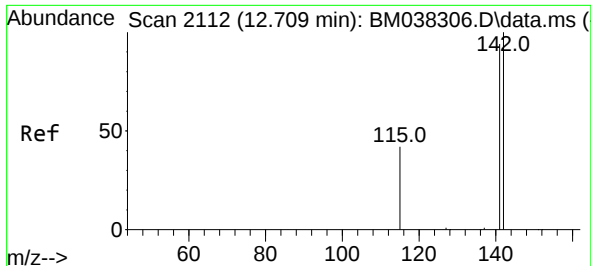
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

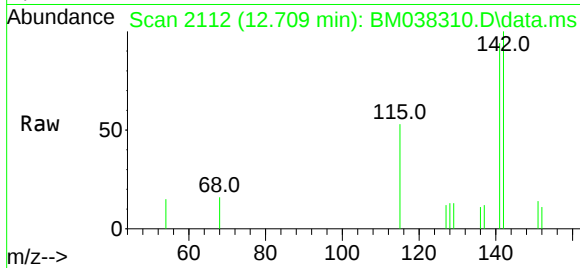
Tgt Ion:142 Resp: 1901
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

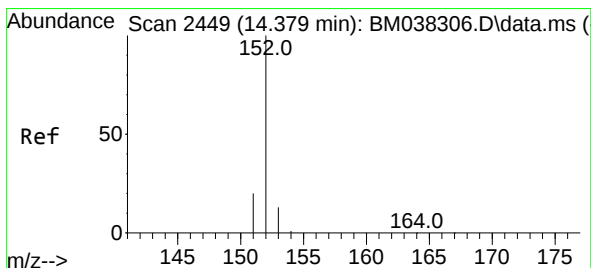
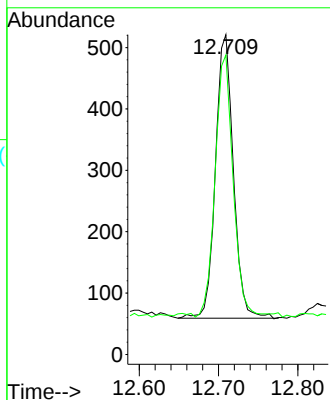
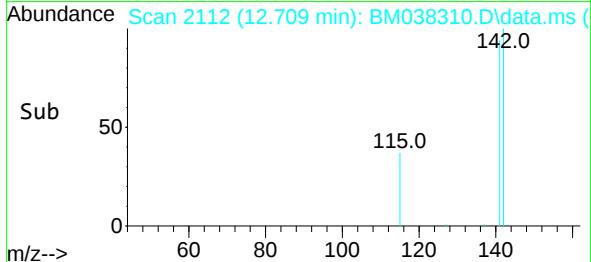
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:142 Resp: 724
Ion Ratio Lower Upper
142 100
141 93.8 74.7 112.1

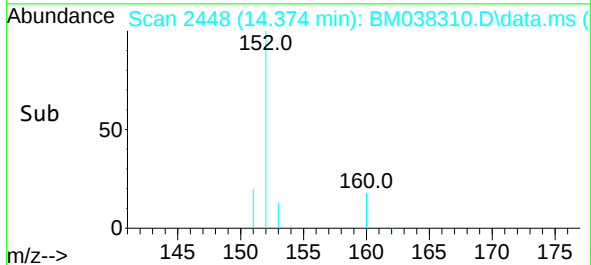
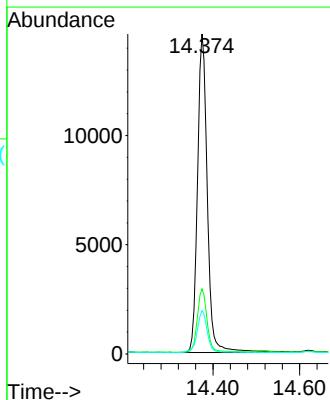
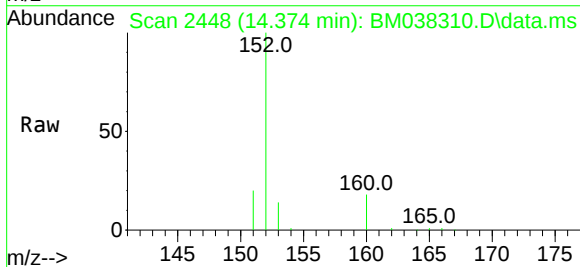
Manual Integrations
APPROVED

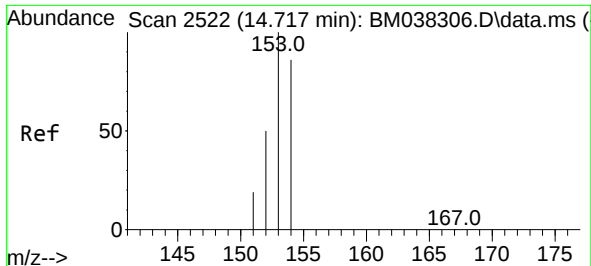
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#10
Acenaphthylene
Concen: 0.787 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

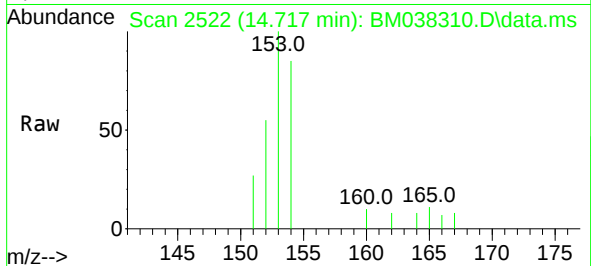
Tgt Ion:152 Resp: 22985
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.5 10.7 16.1





#11
Acenaphthene
Concen: 0.059 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

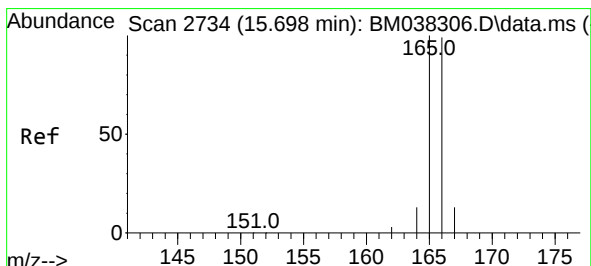
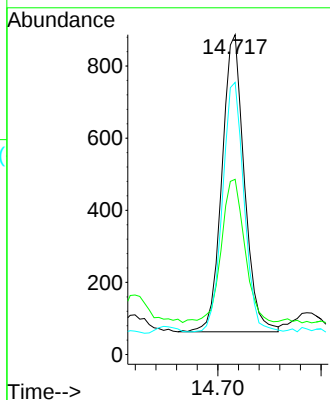
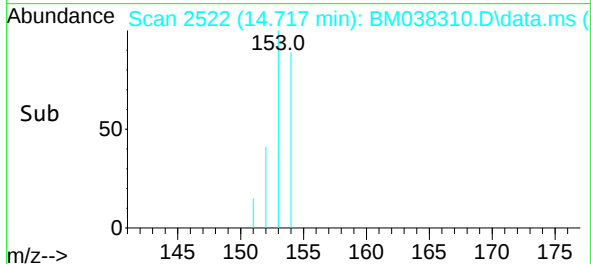
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:153 Resp: 124
Ion Ratio Lower Upper
153 100
152 54.8 39.4 59.0
154 85.1 69.0 103.4

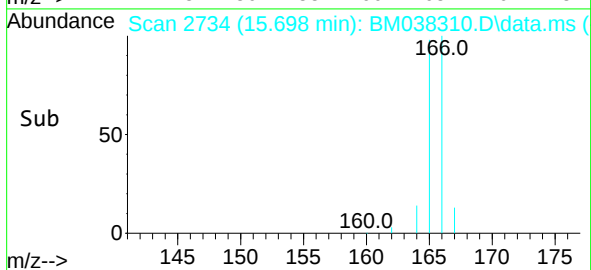
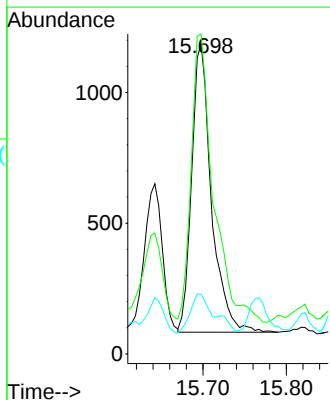
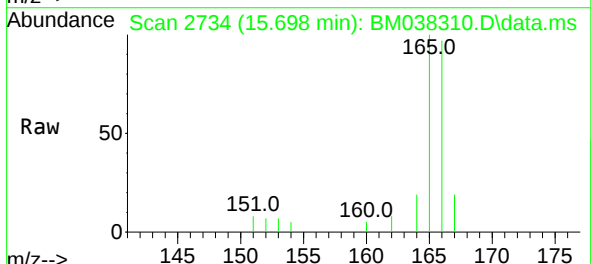
Manual Integrations
APPROVED

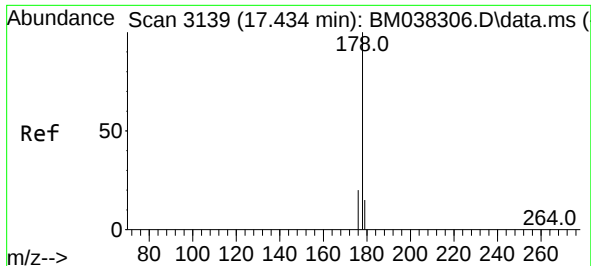
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#12
Fluorene
Concen: 0.080 ng/u1
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

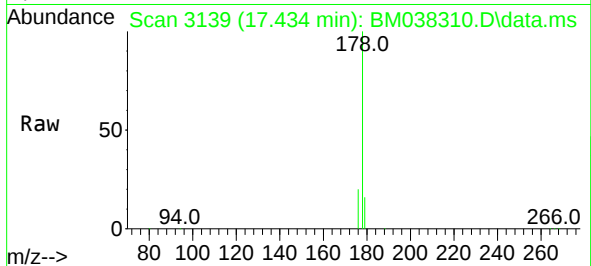
Tgt Ion:166 Resp: 1812
Ion Ratio Lower Upper
166 100
165 103.0 79.0 118.6
167 19.2 11.0 16.6#





#15
Phenanthrene
Concen: 1.184 ng/uI
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

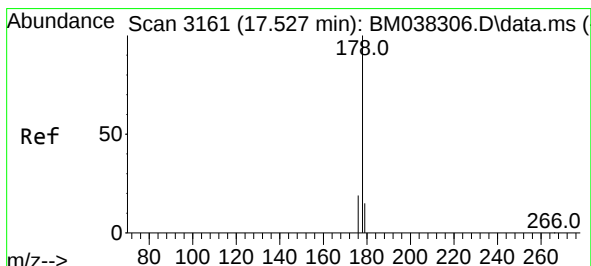
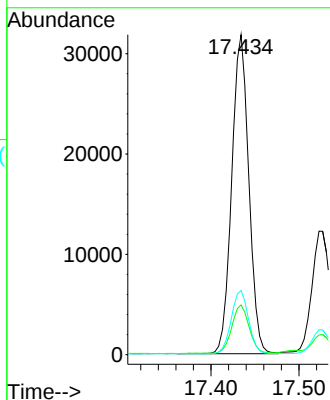
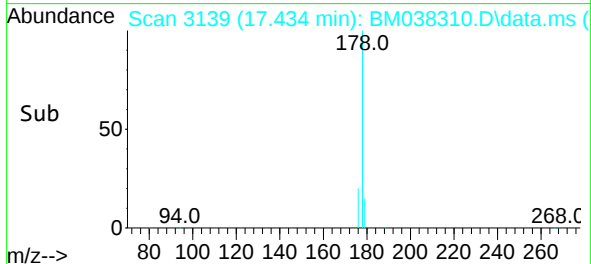
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



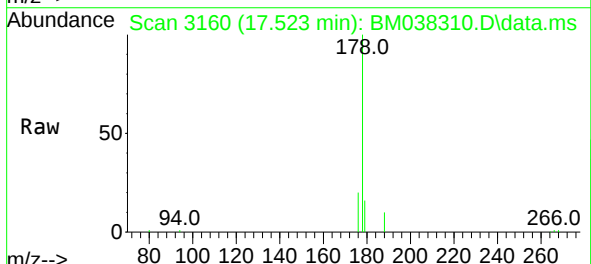
Tgt Ion:178 Resp: 42812
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 20.0 16.2 24.4

Manual Integrations
APPROVED

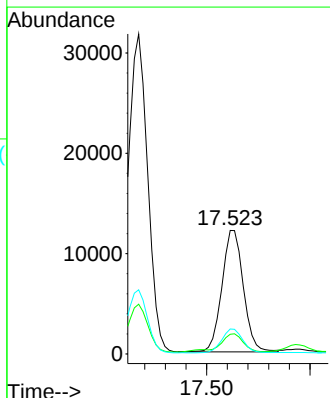
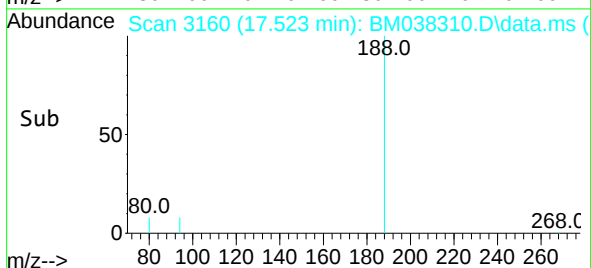
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

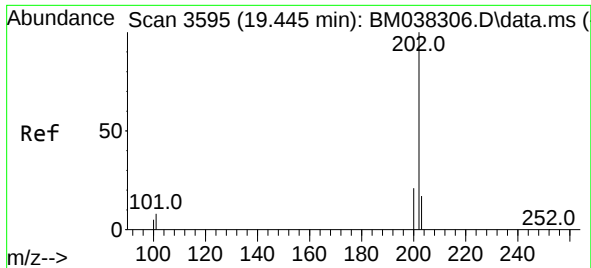


#16
Anthracene
Concen: 0.503 ng/uI
RT: 17.523 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08



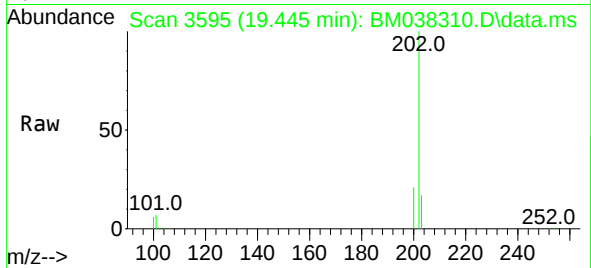
Tgt Ion:178 Resp: 17483
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 20.2 15.6 23.4





#19
Fluoranthene
Concen: 4.535 ng/u1
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

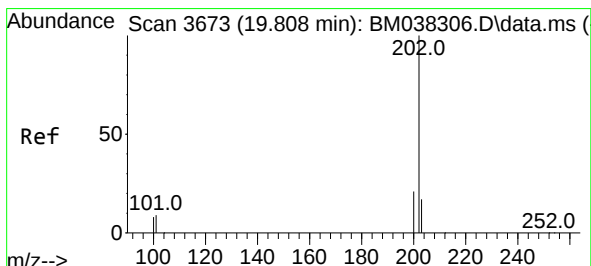
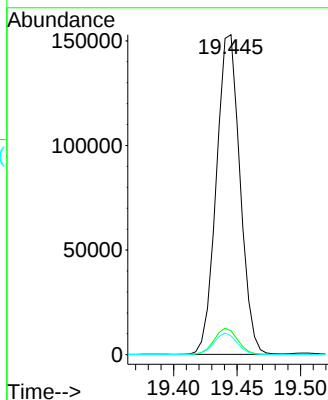
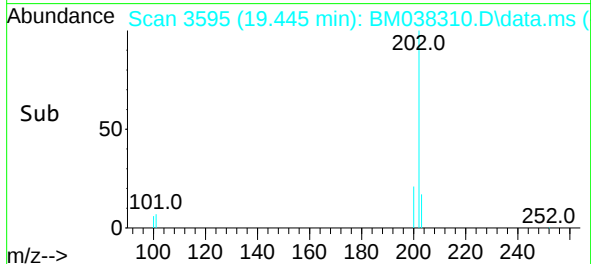
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:202 Resp: 197960
Ion Ratio Lower Upper
202 100
101 7.5 7.5 11.3
100 5.9 5.6 8.4

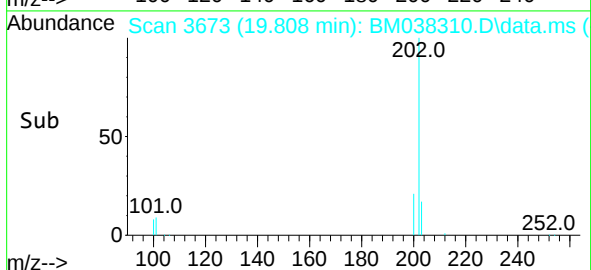
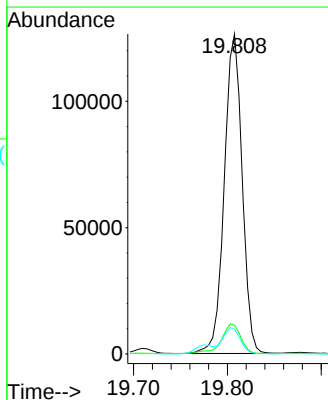
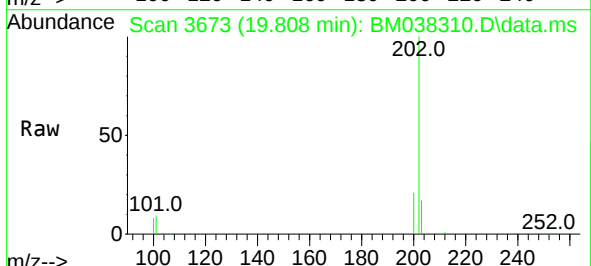
Manual Integrations
APPROVED

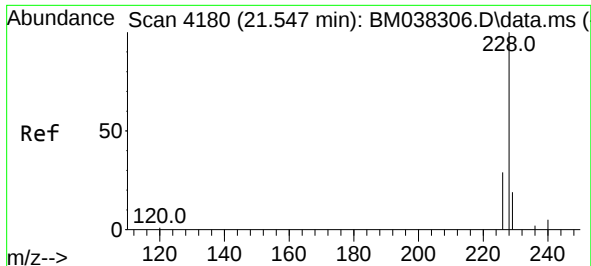
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 3.792 ng/u1
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

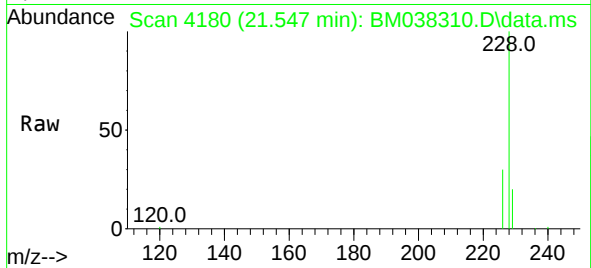
Tgt Ion:202 Resp: 167255
Ion Ratio Lower Upper
202 100
101 9.0 8.9 13.3
100 7.7 7.4 11.0





#21
Benzo(a)anthracene
Concen: 3.085 ng/u1
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

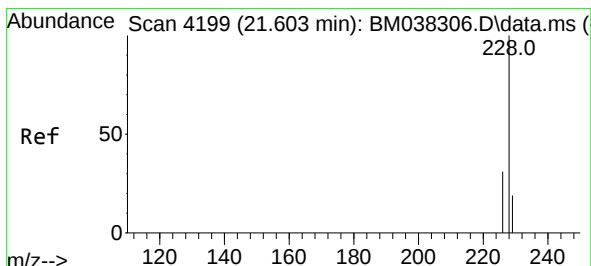
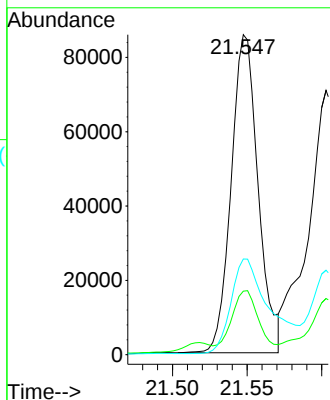
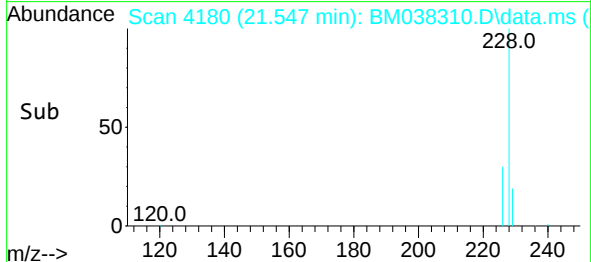
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:228 Resp: 107804
Ion Ratio Lower Upper
228 100
229 19.9 15.5 23.3
226 29.9 22.2 33.2

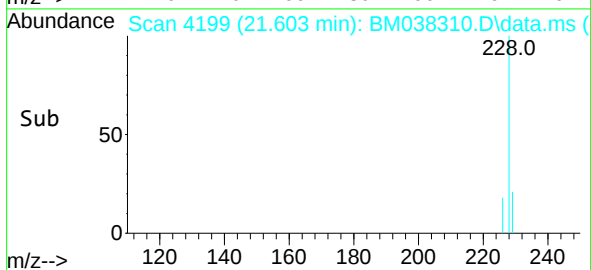
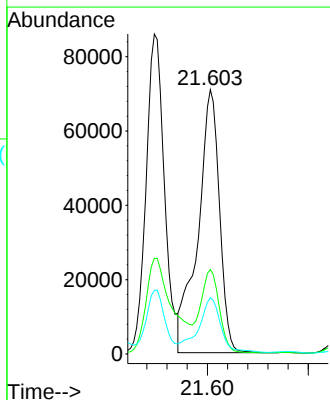
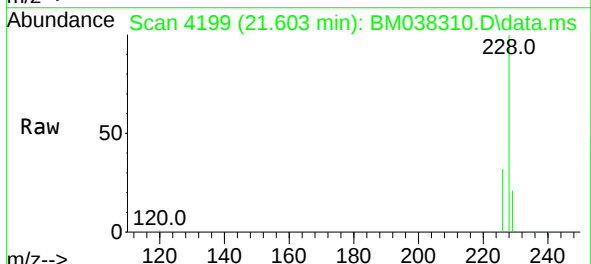
Manual Integrations
APPROVED

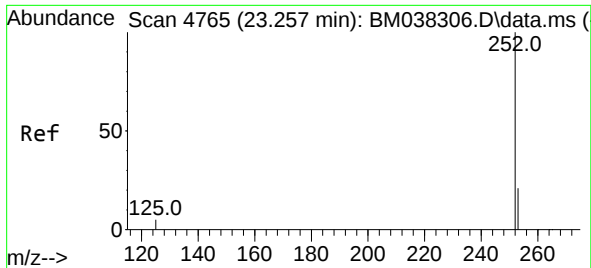
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 3.082 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

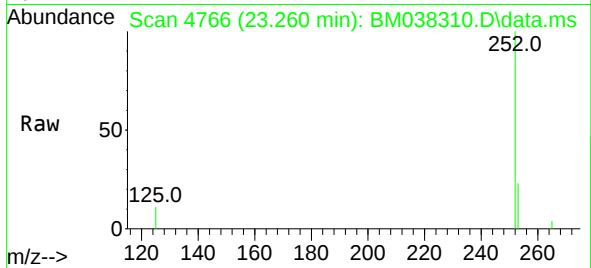
Tgt Ion:228 Resp: 104833
Ion Ratio Lower Upper
228 100
226 32.0 25.0 37.4
229 21.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.954 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

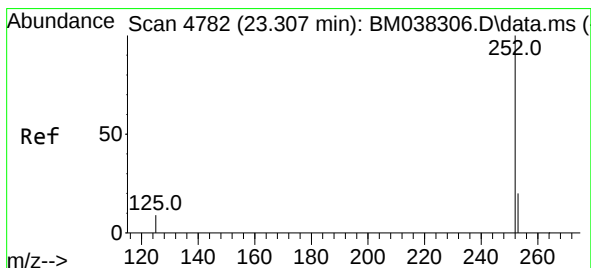
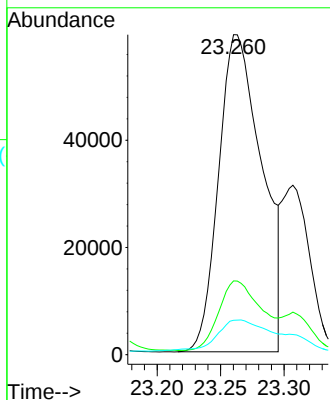
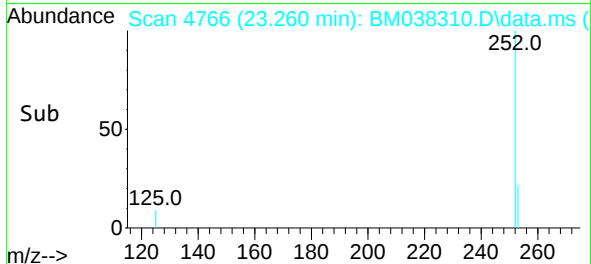
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:252 Resp: 140569
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.0
125 10.7 0.0 36.6

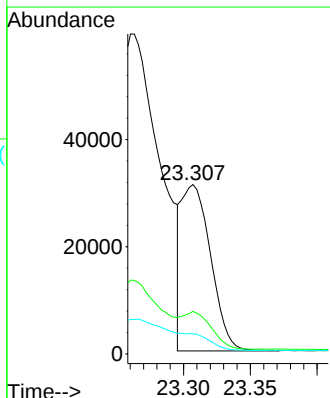
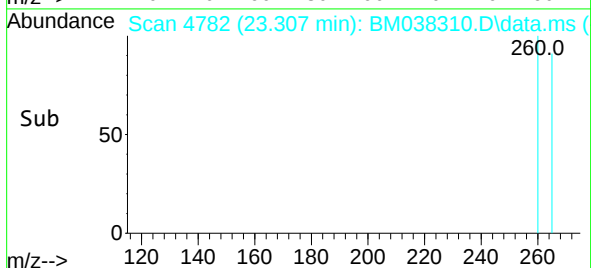
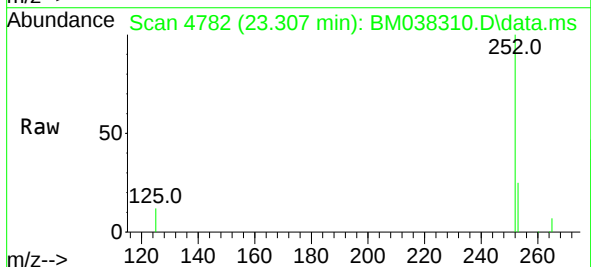
Manual Integrations
APPROVED

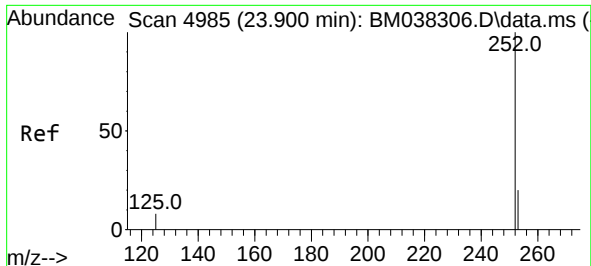
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 1.382 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

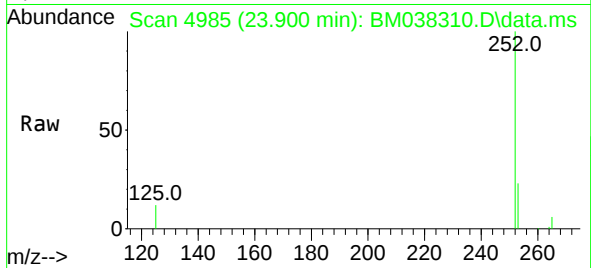
Tgt Ion:252 Resp: 47202
Ion Ratio Lower Upper
252 100
253 25.1 22.5 33.7
125 11.9 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 2.833 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

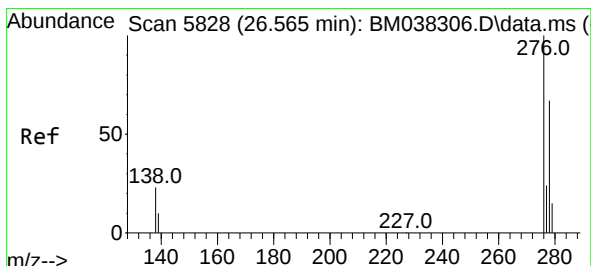
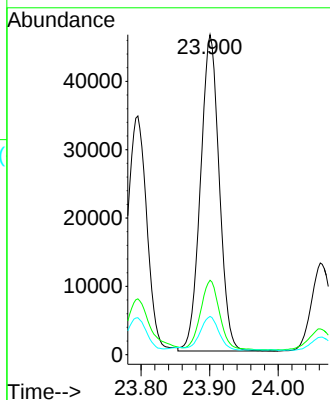
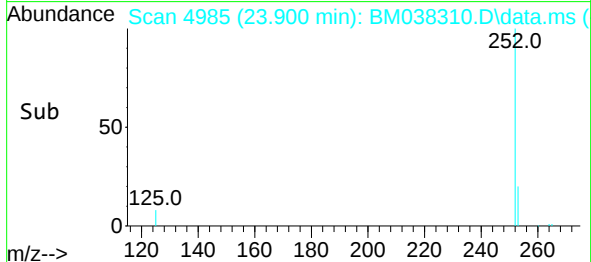
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



Tgt Ion:252 Resp: 8787
Ion Ratio Lower Upper
252 100
253 23.2 24.2 36.4#
125 11.9 17.3 25.9#

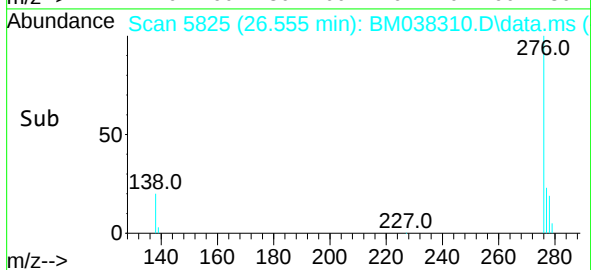
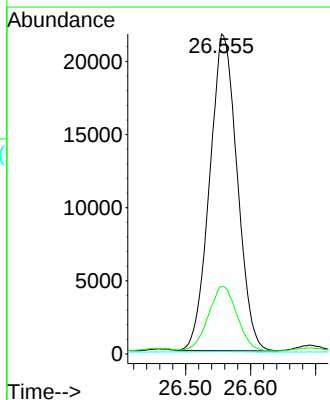
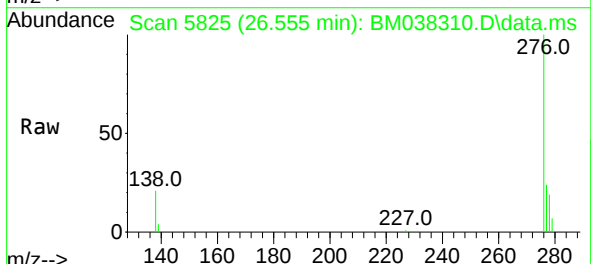
Manual Integrations
APPROVED

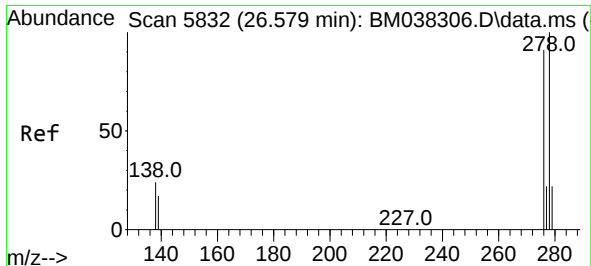
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.483 ng/ul
RT: 26.555 min Scan# 5825
Delta R.T. -0.013 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

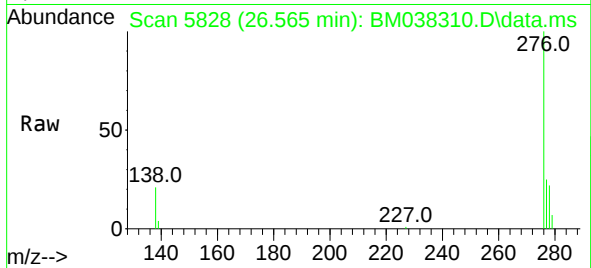
Tgt Ion:276 Resp: 63804
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.476 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.023 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08

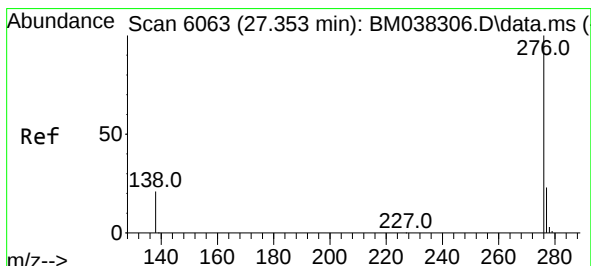
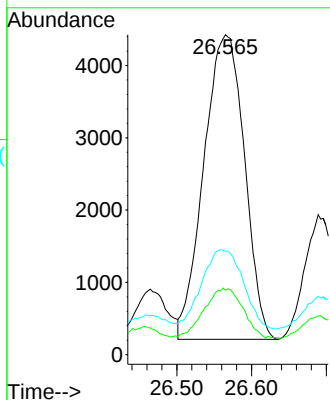
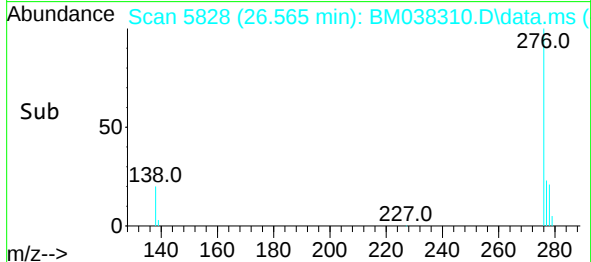
Instrument :
BNA_M
ClientSampleId :
DBYH1DL



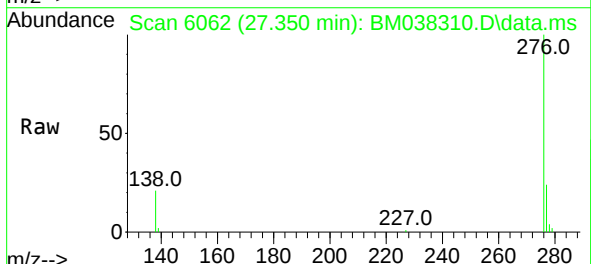
Tgt Ion: 278 Resp: 1592
Ion Ratio Lower Upper
278 100
139 20.1 16.8 25.2
279 32.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 12/26/2022
Supervised By : Sohil Jodhani 12/26/2022



#29
Benzo(g,h,i)perylene
Concen: 1.690 ng/ul
RT: 27.350 min Scan# 6062
Delta R.T. -0.010 min
Lab File: BM038310.D
Acq: 25 Dec 2022 17:08



Tgt Ion: 276 Resp: 61192
Ion Ratio Lower Upper
276 100
138 21.5 20.8 31.2
277 24.0 20.5 30.7

