

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038248.D
 Acq On : 24 Dec 2022 00:34
 Operator : CG/JU
 Sample : N6014-22
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXT4

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 02:23:02 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	4355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12931	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	7223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13515	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	8260	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	8499	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	17585	3.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	5091	0.267	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	8745	0.282	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	1647	0.043	ng/ul#	87
7) 2-Methylnaphthalene	12.495	142	816	0.035	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	642	0.027	ng/ul	97
10) Acenaphthylene	14.384	152	1427	0.036	ng/ul#	79
11) Acenaphthene	14.722	153	648	0.023	ng/ul#	93
12) Fluorene	15.702	166	680	0.022	ng/ul#	93
15) Phenanthrene	17.443	178	11893	0.263	ng/ul	97
16) Anthracene	17.531	178	2801	0.064	ng/ul#	84
19) Fluoranthene	19.450	202	32715	0.723	ng/ul#	94
20) Pyrene	19.812	202	27234m	0.596	ng/ul	
21) Benzo(a)anthracene	21.553	228	15052	0.415	ng/ul	95
22) Chrysene	21.606	228	17970	0.510	ng/ul	95
24) Benzo(b)fluoranthene	23.269	252	31093	0.827	ng/ul	99
25) Benzo(k)fluoranthene	23.316	252	9618m	0.266	ng/ul	
26) Benzo(a)pyrene	23.909	252	20810	0.634	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.575	276	18575	0.408	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.582	278	4559	0.129	ng/ul#	55
29) Benzo(g,h,i)perylene	27.370	276	19382	0.506	ng/ul	98

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

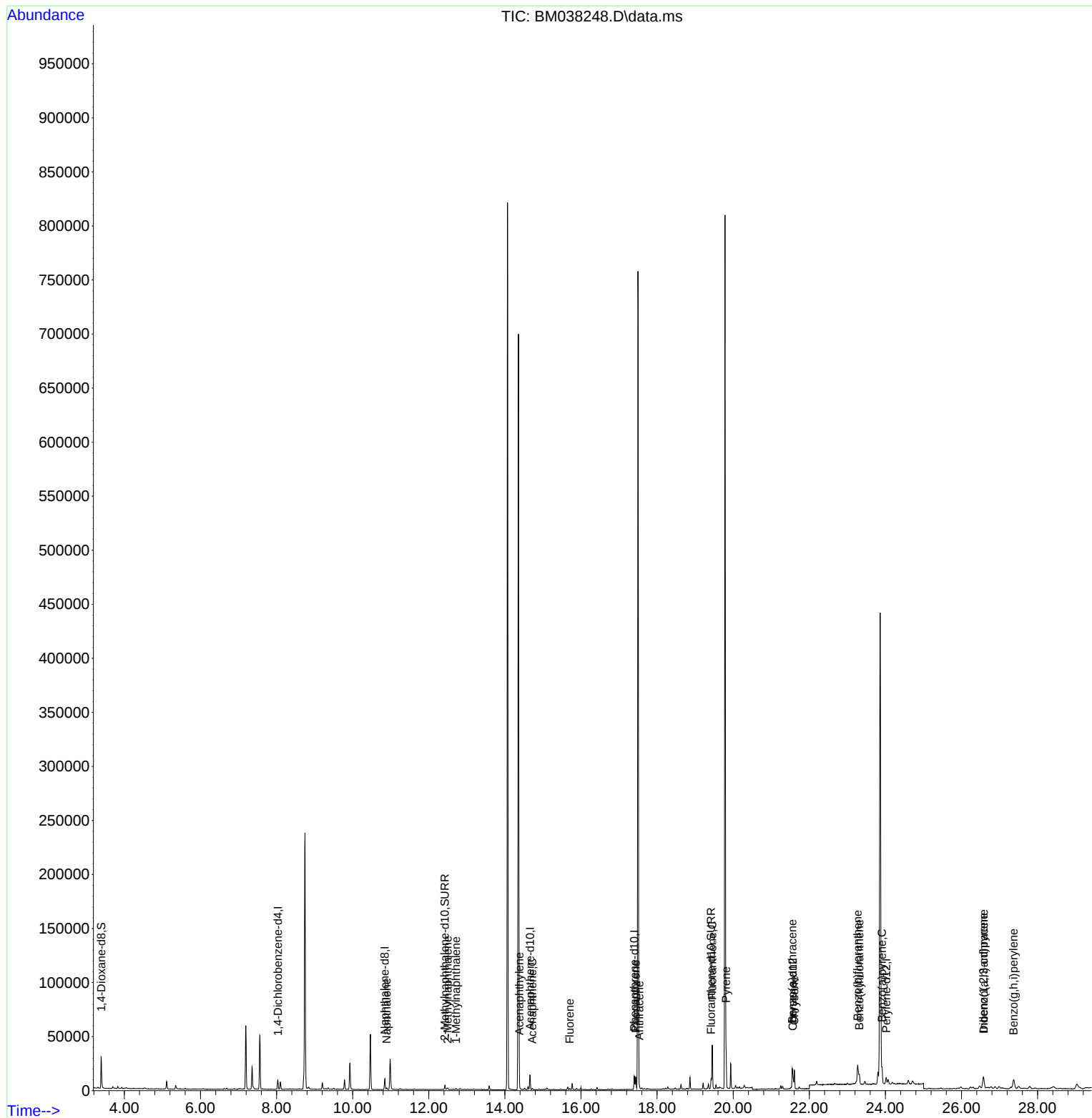
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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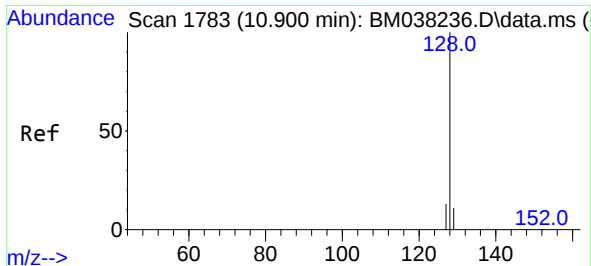
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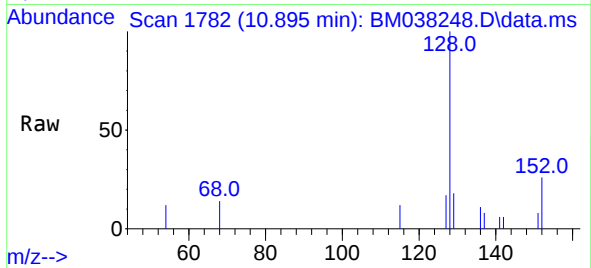
Quant Time: Dec 24 02:23:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.011 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

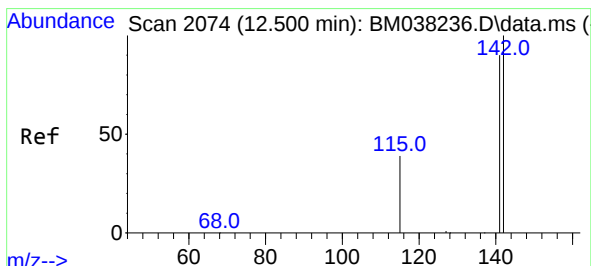
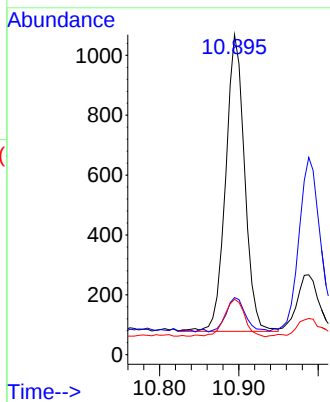
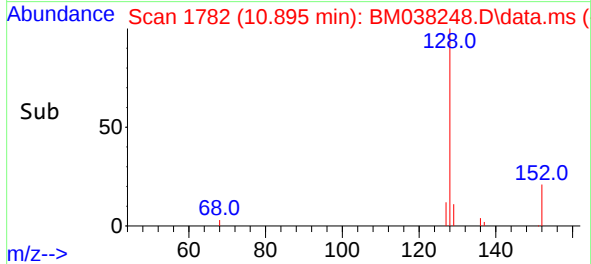
Instrument :
BNA_M
ClientSampleId :
DBXT4



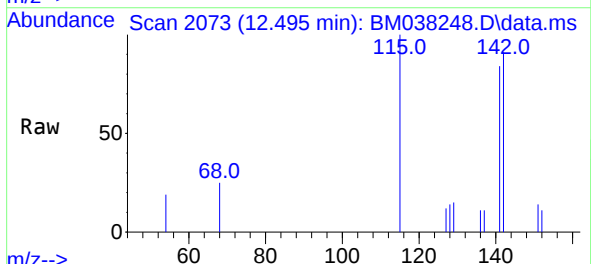
Tgt Ion:128 Resp: 164
Ion Ratio Lower Upper
128 100
129 17.9 9.4 14.0
127 17.3 10.7 16.1

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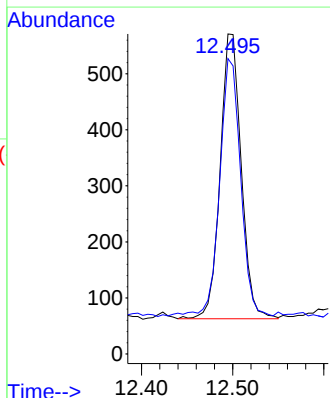
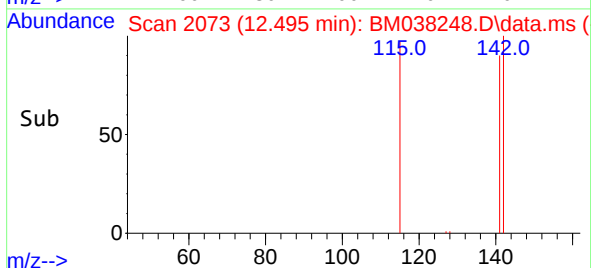
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

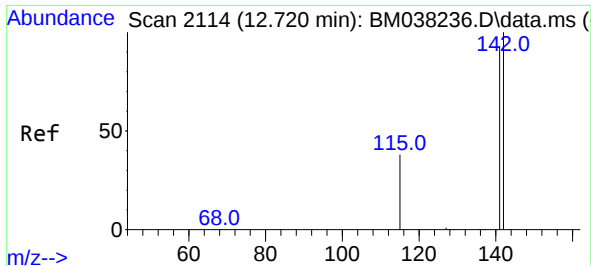


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



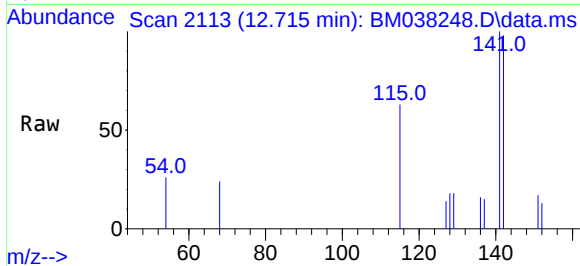
Tgt Ion:142 Resp: 816
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. -0.011 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

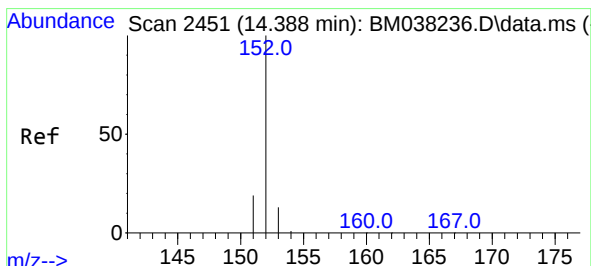
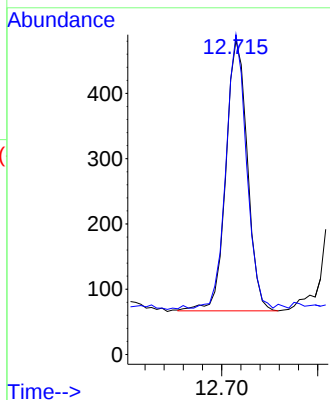
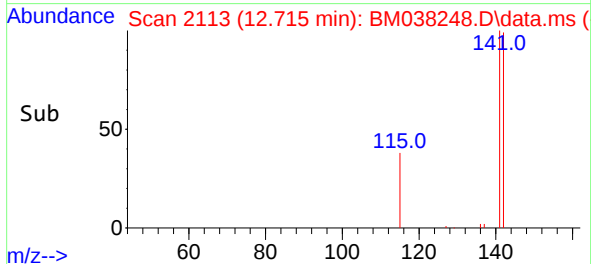
Instrument :
BNA_M
ClientSampleId :
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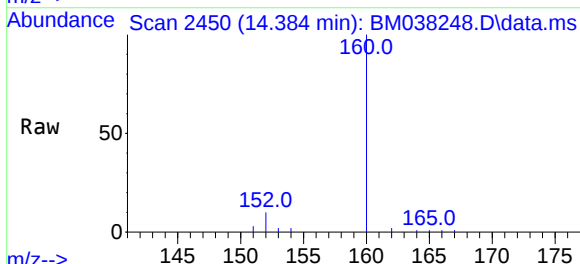
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
141 96.6 74.7 112.1

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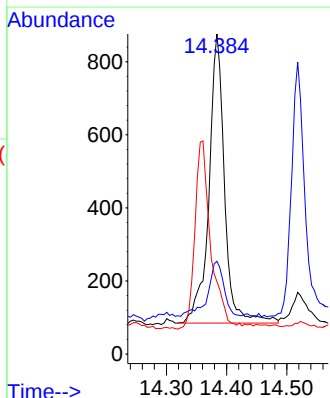
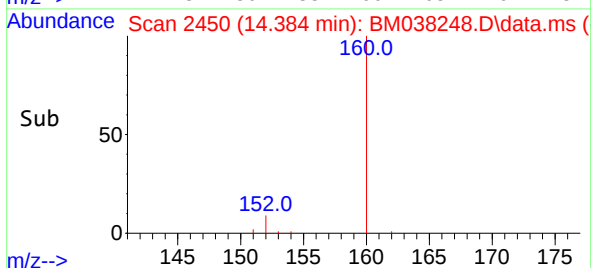
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Supervised By :Yogesh Patel 12/24/2022

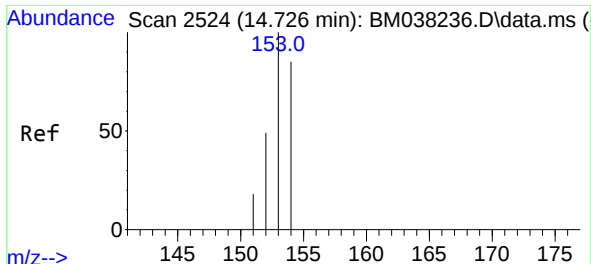


#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



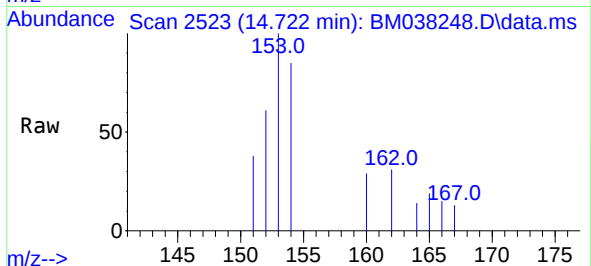
Tgt Ion:152 Resp: 1427
Ion Ratio Lower Upper
152 100
151 29.0 16.2 24.2#
153 22.6 10.7 16.1#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.722 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

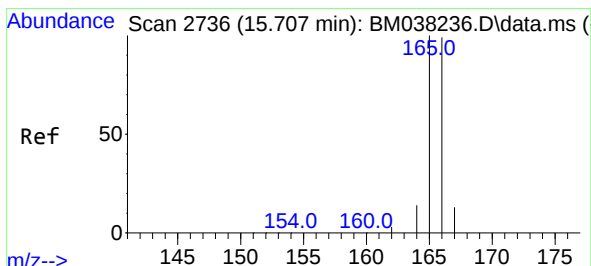
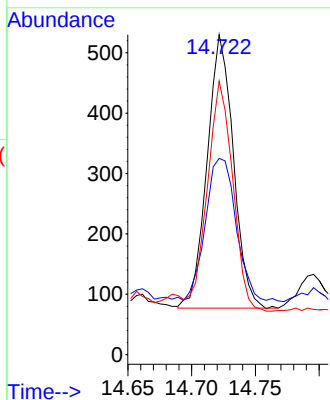
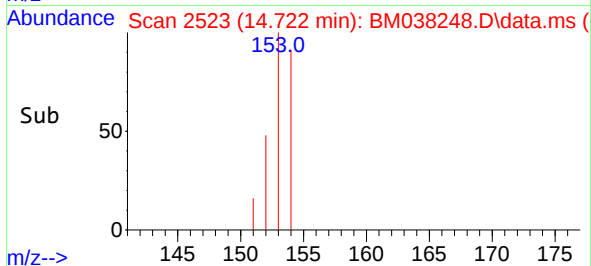
Instrument :
BNA_M
ClientSampleId :
DBXT4



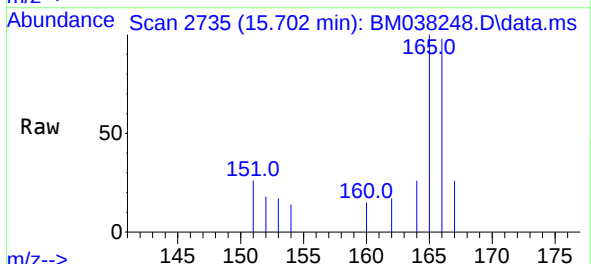
Tgt Ion:153 Resp: 648
Ion Ratio Lower Upper
153 100
152 61.3 39.4 59.0
154 85.5 69.0 103.4

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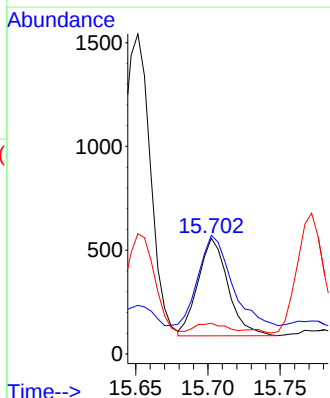
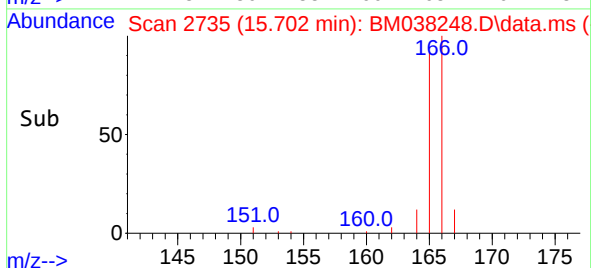
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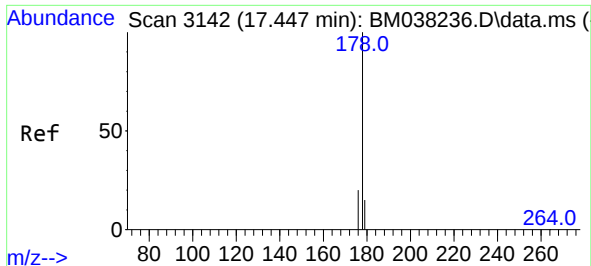


#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. -0.009 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



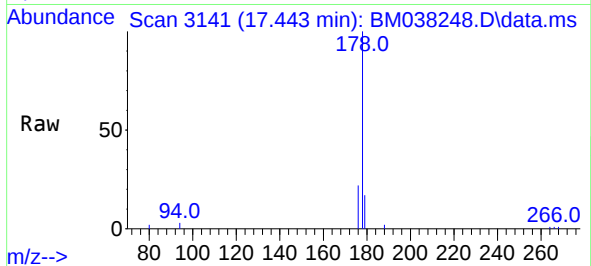
Tgt Ion:166 Resp: 680
Ion Ratio Lower Upper
166 100
165 102.5 79.0 118.6
167 26.5 11.0 16.6#





#15
Phenanthrene
Concen: 0.263 ng/u1
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

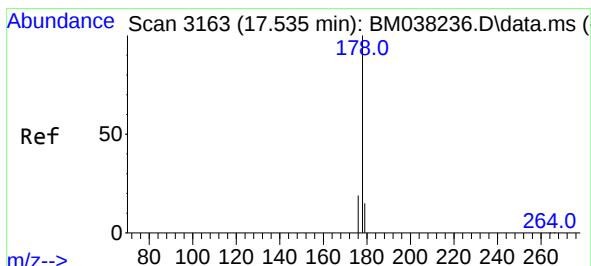
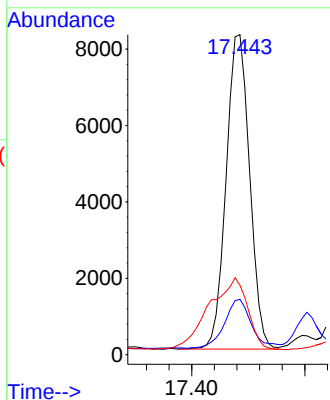
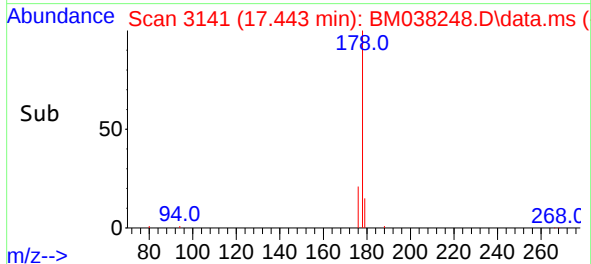
Instrument :
BNA_M
ClientSampleId :
DBXT4



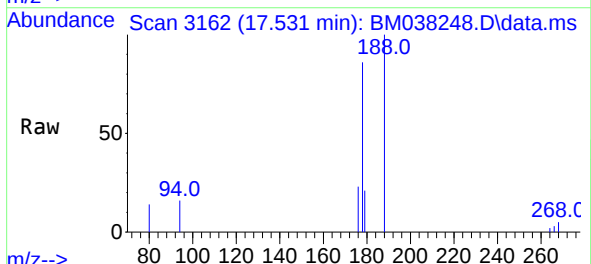
Tgt Ion:178 Resp: 1189
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.4
176 21.7 16.2 24.4

Manual Integrations
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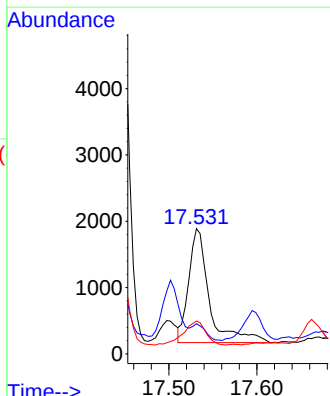
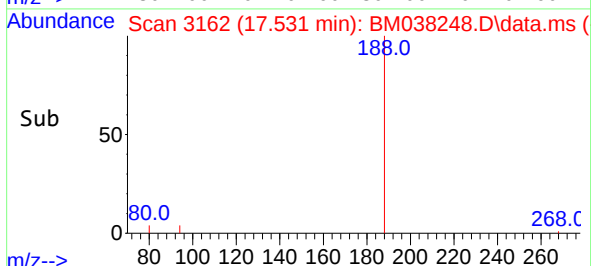
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Supervised By :Yogesh Patel 12/24/2022

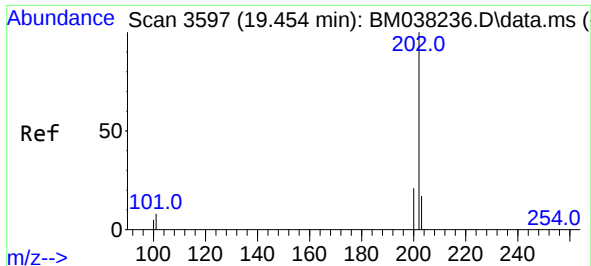


#16
Anthracene
Concen: 0.064 ng/u1
RT: 17.531 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



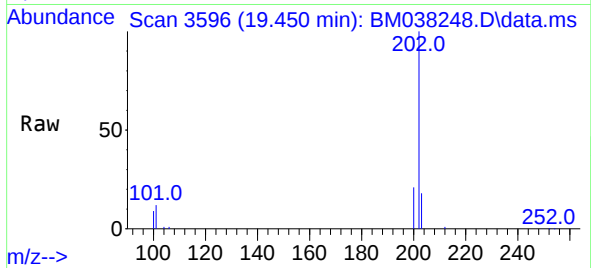
Tgt Ion:178 Resp: 2801
Ion Ratio Lower Upper
178 100
179 24.1 13.0 19.6#
176 26.3 15.6 23.4#





#19
Fluoranthene
Concen: 0.723 ng/ul
RT: 19.450 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

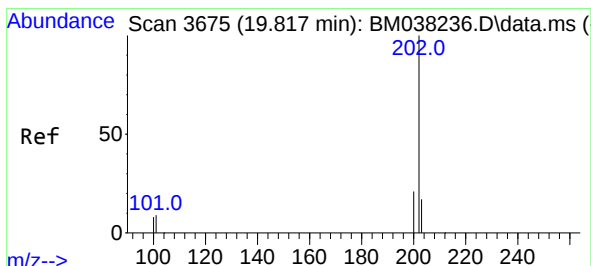
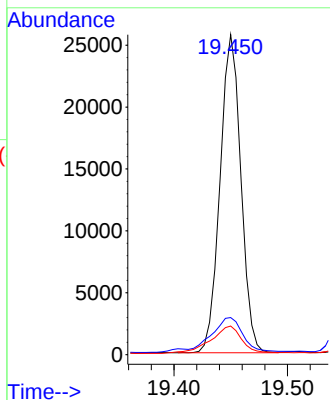
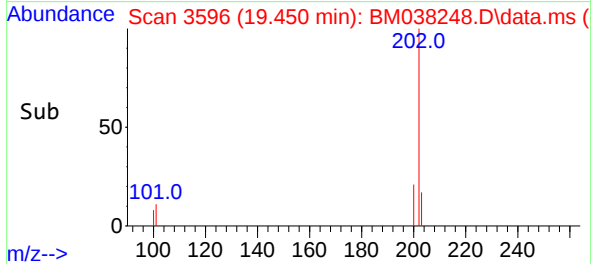
Instrument :
BNA_M
ClientSampleId :
DBXT4



Tgt Ion:202 Resp: 32715
Ion Ratio Lower Upper
202 100
101 11.6 7.5 11.3
100 9.0 5.6 8.4

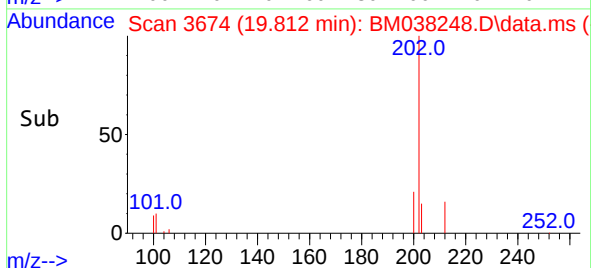
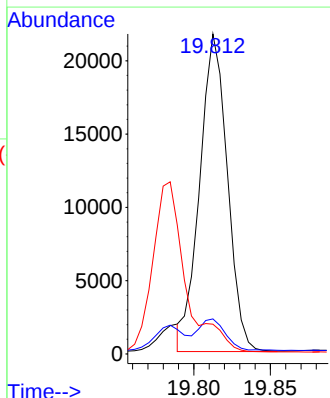
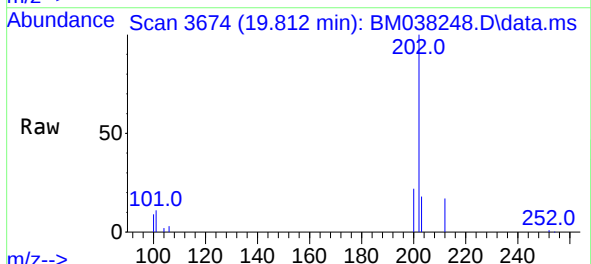
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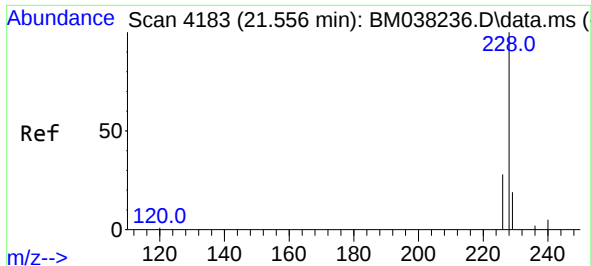
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.596 ng/ul m
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

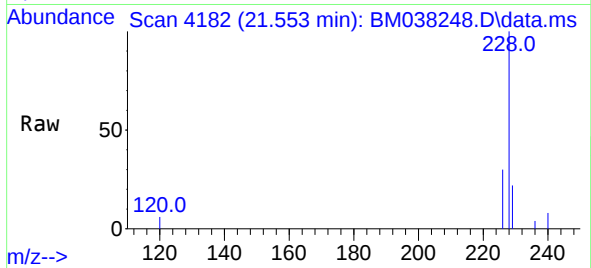
Tgt Ion:202 Resp: 27234
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
100 9.3 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.553 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

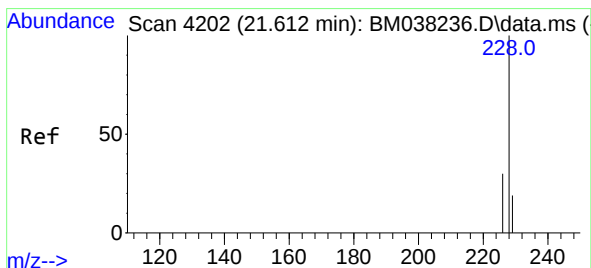
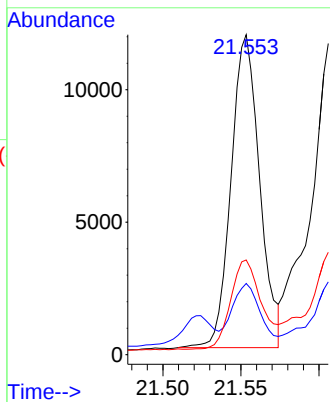
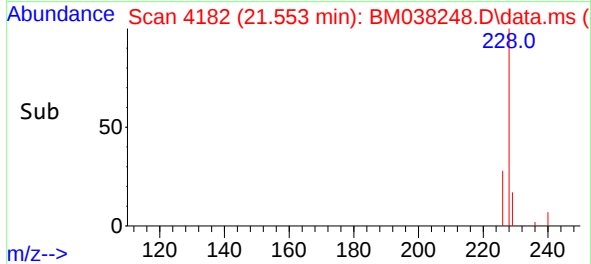
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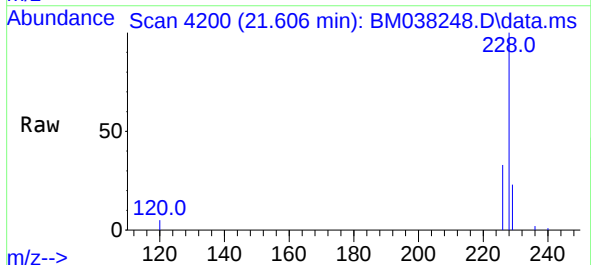
Tgt Ion:228 Resp: 15052
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 29.6 22.2 33.2

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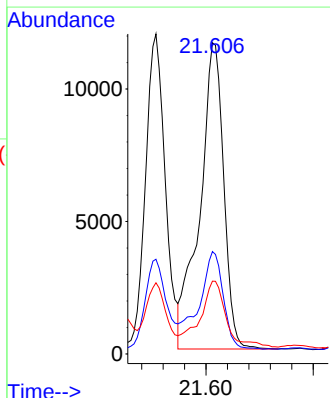
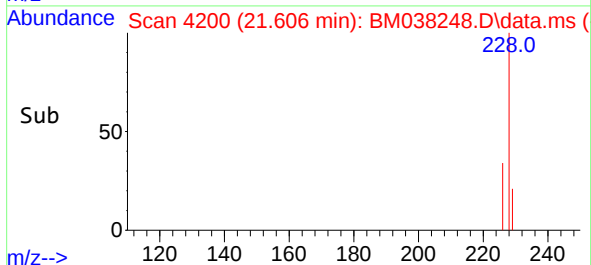
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

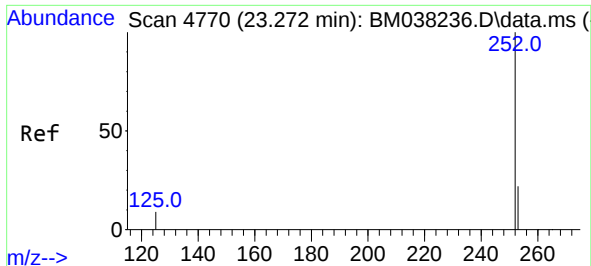


#22
Chrysene
Concen: 0.510 ng/ul
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



Tgt Ion:228 Resp: 17970
Ion Ratio Lower Upper
228 100
226 32.9 25.0 37.4
229 23.4 16.0 24.0





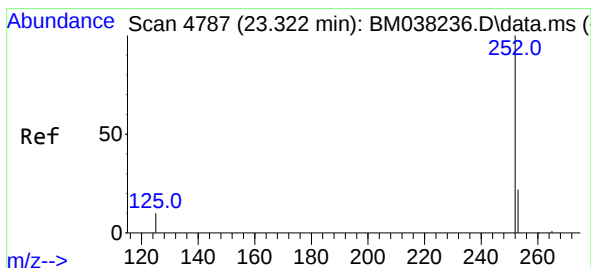
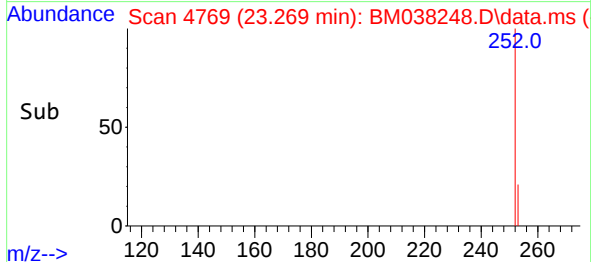
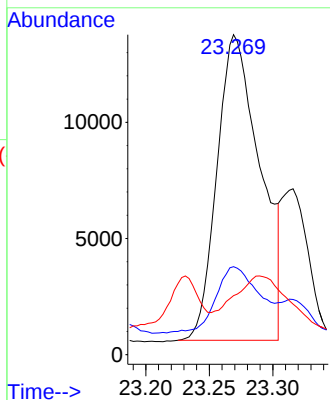
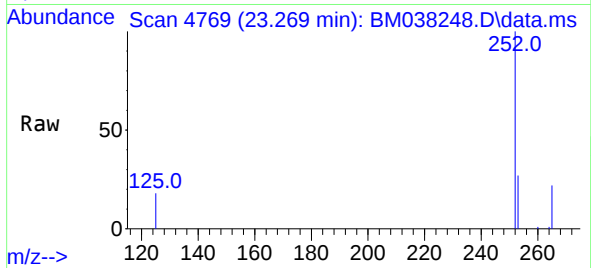
#24
Benzo(b)fluoranthene
Concen: 0.827 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

Instrument :
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Tgt Ion:252 Resp: 3109
Ion Ratio Lower Upper
252 100
253 27.5 0.0 56.0
125 18.4 0.0 36.6

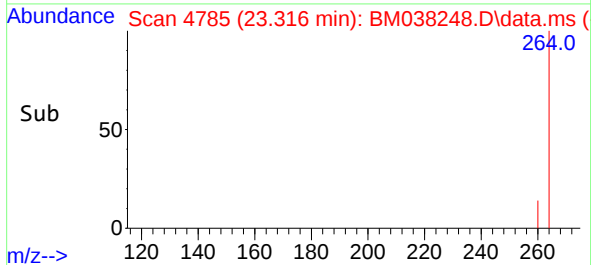
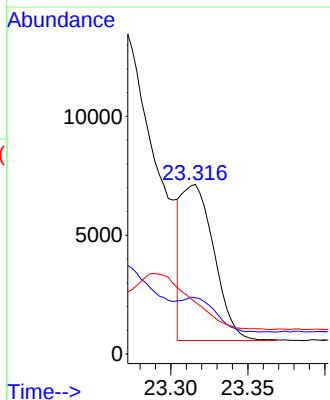
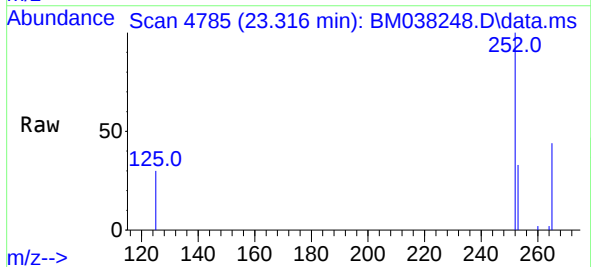
Manual Integrations
APPROVED

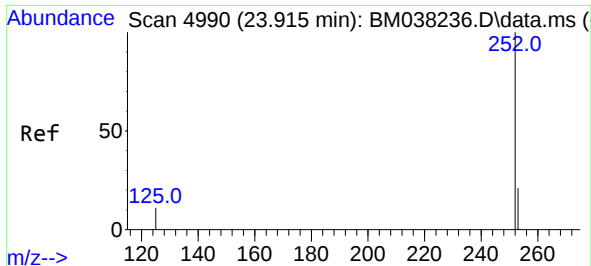
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul m
RT: 23.316 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

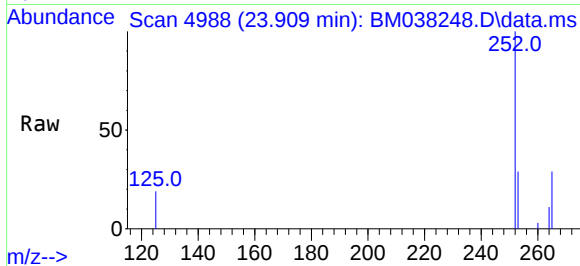
Tgt Ion:252 Resp: 9618
Ion Ratio Lower Upper
252 100
253 33.2 22.5 33.7
125 30.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.634 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

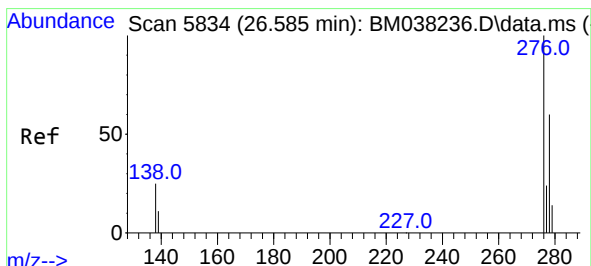
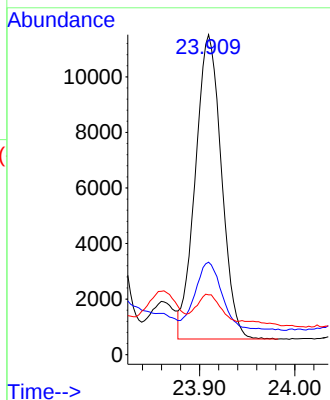
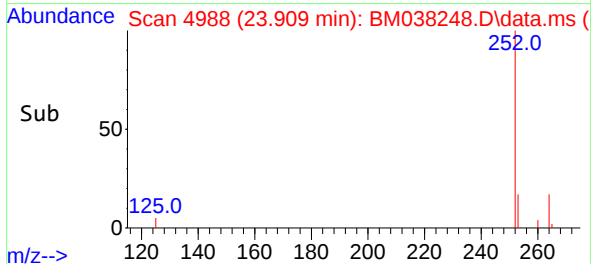
Instrument :
BNA_M
ClientSampleId :
DBXT4



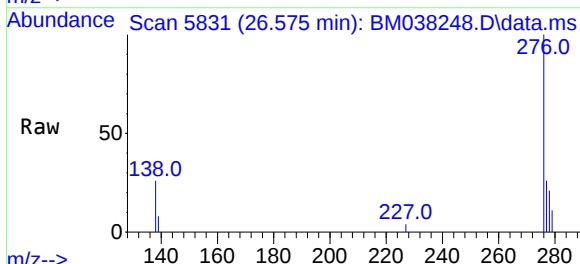
Tgt Ion:252 Resp: 20810
Ion Ratio Lower Upper
252 100
253 28.9 24.2 36.4
125 18.7 17.3 25.9

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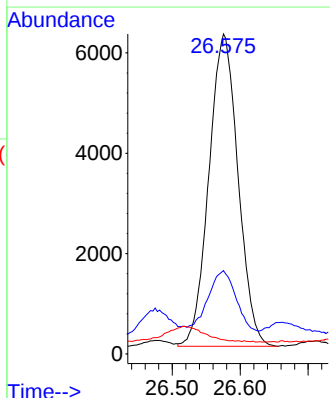
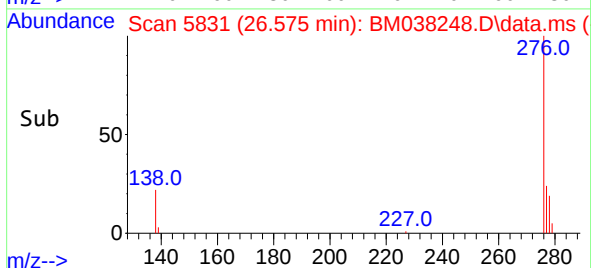
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

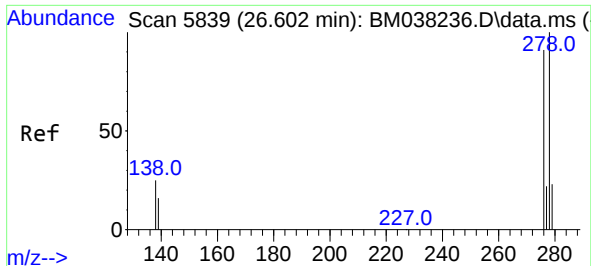


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



Tgt Ion:276 Resp: 18575
Ion Ratio Lower Upper
276 100
138 21.0 21.7 32.5#
227 0.0 0.0 0.0





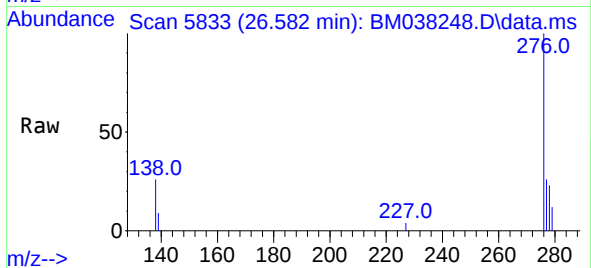
#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 26.582 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34

Instrument :

BNA_M

ClientSampleId :

DBXT4

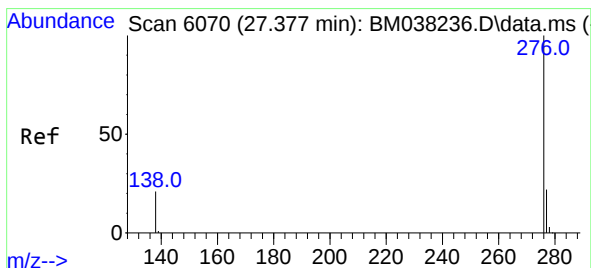
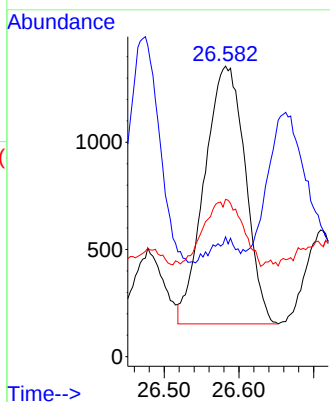
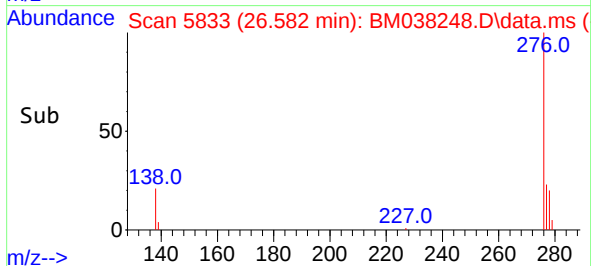


Tgt Ion:278 Resp: 4559
Ion Ratio Lower Upper
278 100
139 41.2 16.8 25.2
279 54.1 23.4 35.2

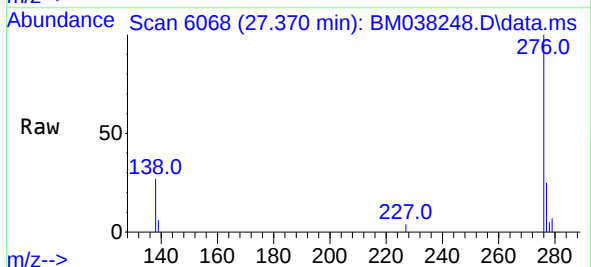
Manual Integrations

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



#29
Benzo(g,h,i)perylene
Concen: 0.506 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038248.D
Acq: 24 Dec 2022 00:34



Tgt Ion:276 Resp: 19382
Ion Ratio Lower Upper
276 100
138 27.4 20.8 31.2
277 25.4 20.5 30.7

