

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038224.D
 Acq On : 23 Dec 2022 09:15
 Operator : CG/JU
 Sample : N6014-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS0

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:22:18 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	4031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12496	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	7063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14181	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9339	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	9442	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	14875	3.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4168	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	8033	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	741	0.020	ng/ul#	73
10) Acenaphthylene	14.384	152	1494	0.038	ng/ul#	79
15) Phenanthrene	17.443	178	10064	0.212	ng/ul	98
16) Anthracene	17.535	178	2036	0.045	ng/ul#	84
19) Fluoranthene	19.455	202	32482	0.635	ng/ul	100
20) Pyrene	19.817	202	26976m	0.522	ng/ul	
21) Benzo(a)anthracene	21.556	228	11384	0.278	ng/ul	96
22) Chrysene	21.612	228	15251m	0.383	ng/ul	
24) Benzo(b)fluoranthene	23.275	252	21856	0.523	ng/ul	98
25) Benzo(k)fluoranthene	23.322	252	8226m	0.205	ng/ul	
26) Benzo(a)pyrene	23.915	252	14357	0.394	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.582	276	12201	0.241	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.589	278	3098	0.079	ng/ul#	34
29) Benzo(g,h,i)perylene	27.377	276	13218	0.311	ng/ul	97

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

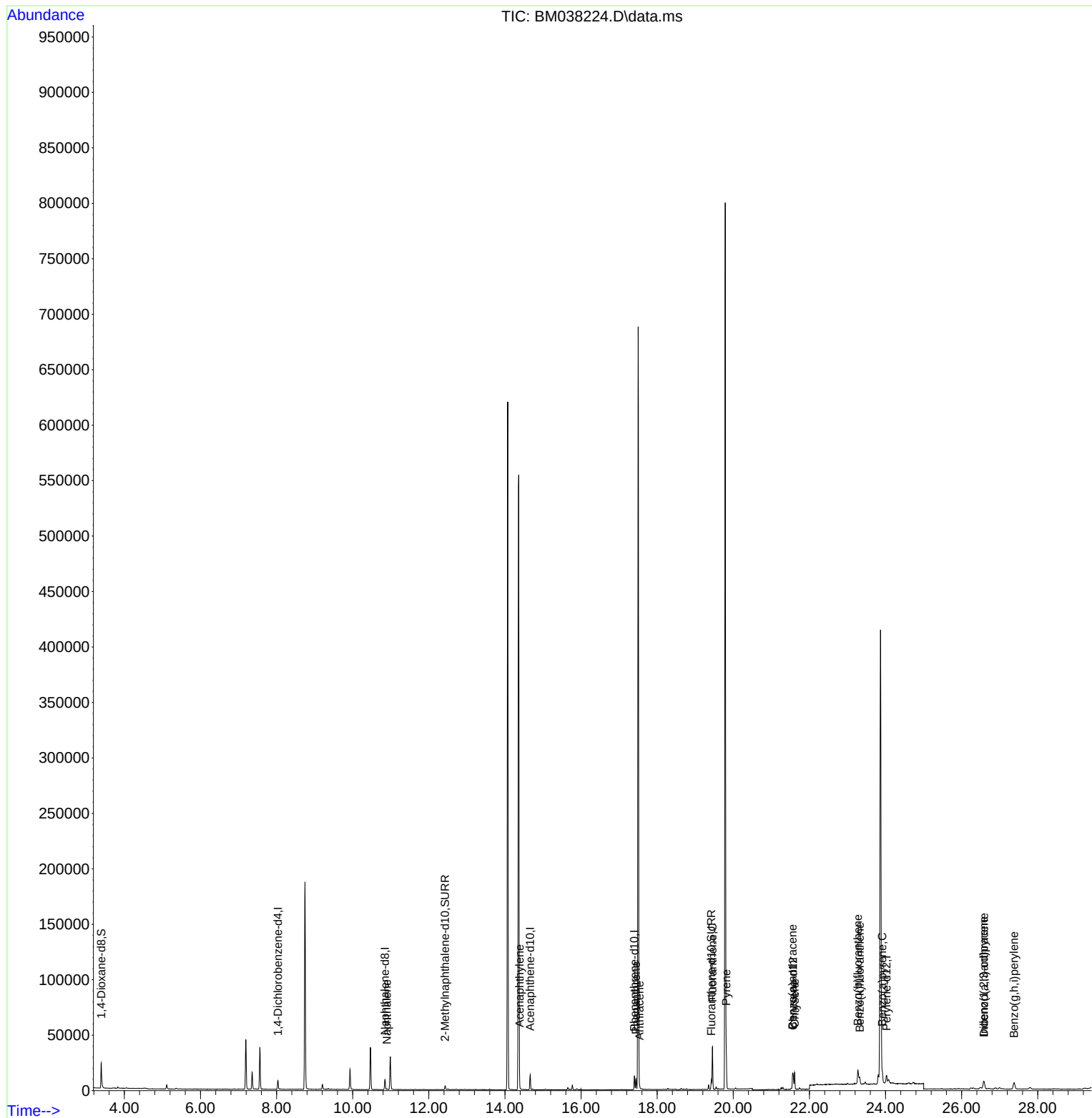
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038224.D
Acq On : 23 Dec 2022 09:15
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Sample : N6014-09
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ALS Vial : 31 Sample Multiplier: 1

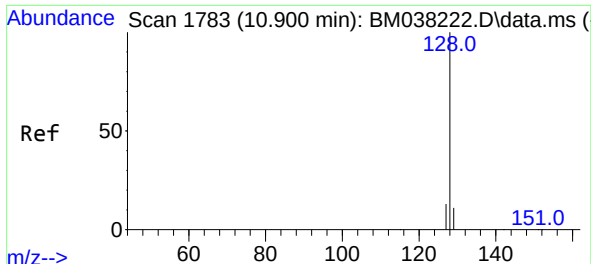
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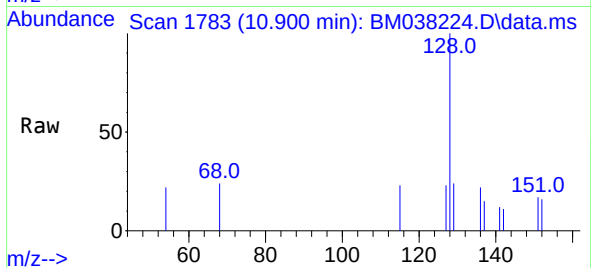
Quant Time: Dec 23 23:22:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.900 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

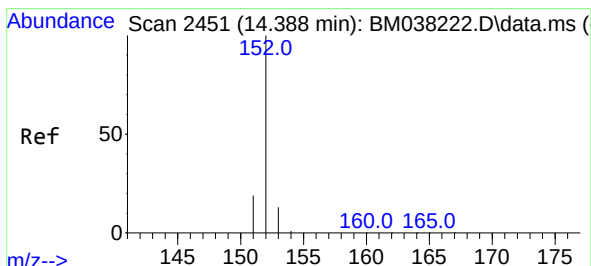
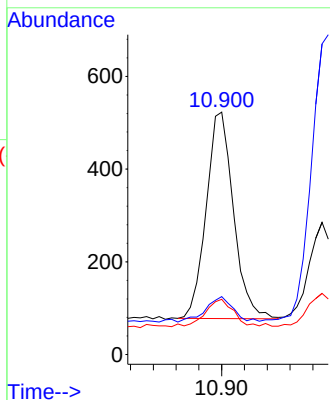
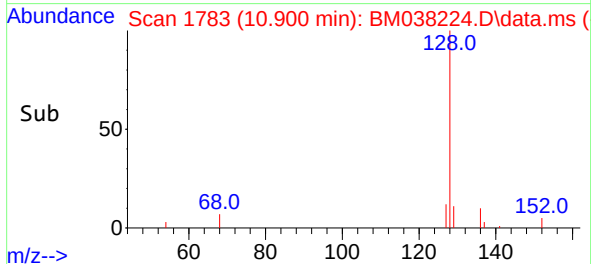
Instrument :
BNA_M
ClientSampleId :
DBXS0



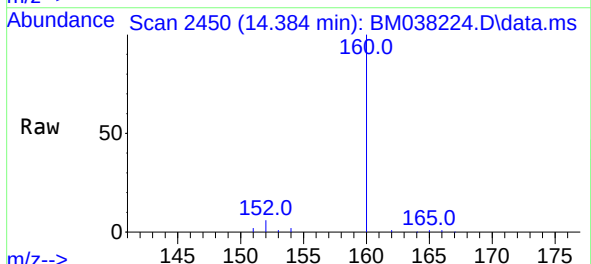
Tgt Ion:128 Resp: 74
Ion Ratio Lower Upper
128 100
129 23.9 9.4 14.0#
127 22.8 10.7 16.1#

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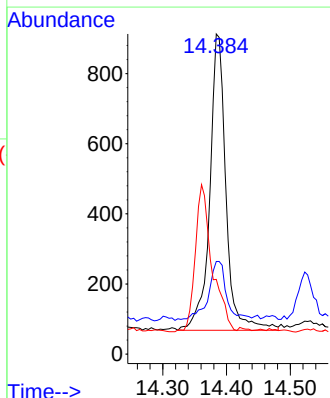
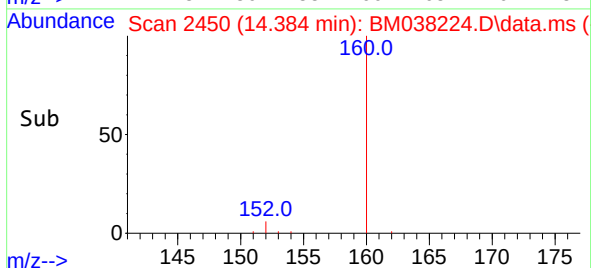
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

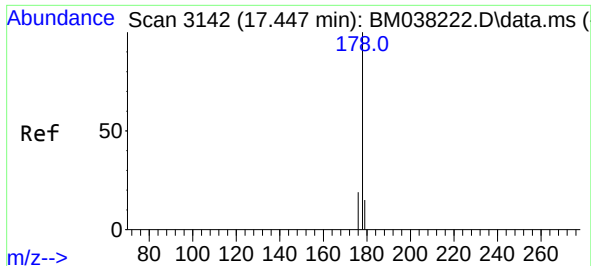


#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. -0.005 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15



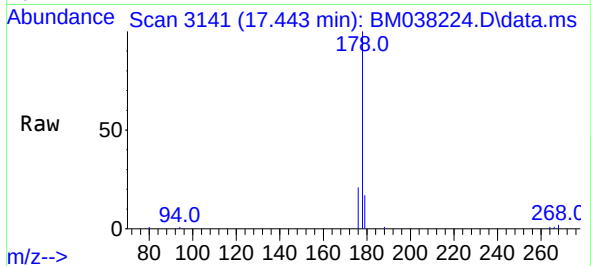
Tgt Ion:152 Resp: 1494
Ion Ratio Lower Upper
152 100
151 28.9 16.2 24.2#
153 23.3 10.7 16.1#





#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

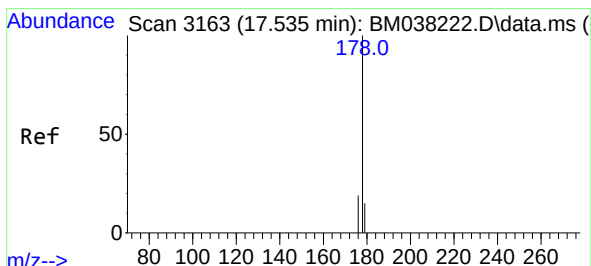
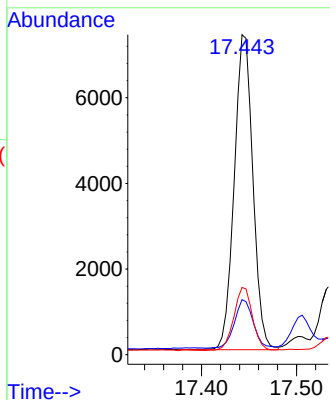
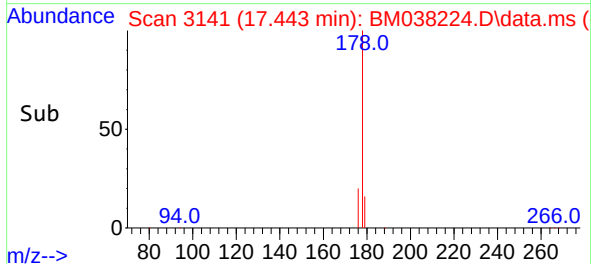
Instrument :
BNA_M
ClientSampleId :
DBXS0



Tgt Ion:178 Resp: 10064
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 21.0 16.2 24.4

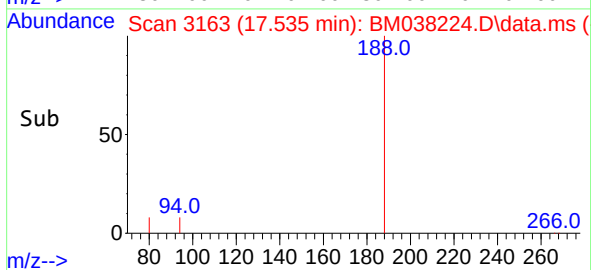
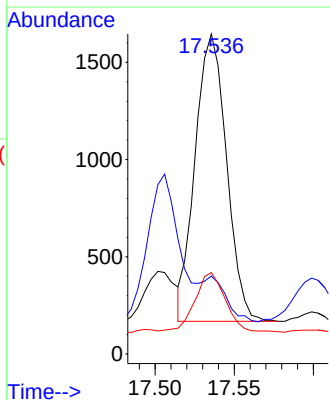
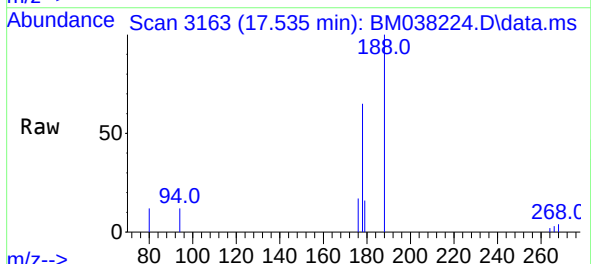
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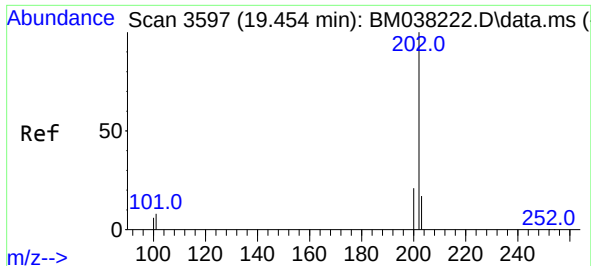
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.045 ng/u1
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

Tgt Ion:178 Resp: 2036
Ion Ratio Lower Upper
178 100
179 24.4 13.0 19.6#
176 25.5 15.6 23.4#





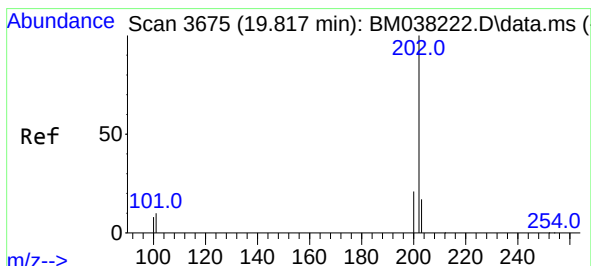
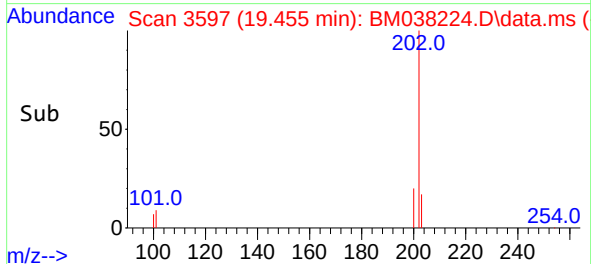
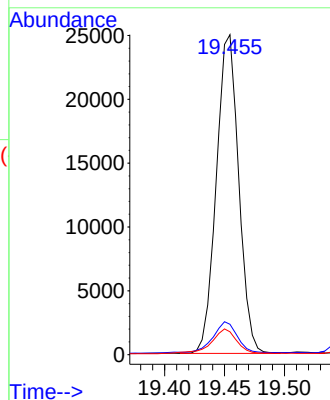
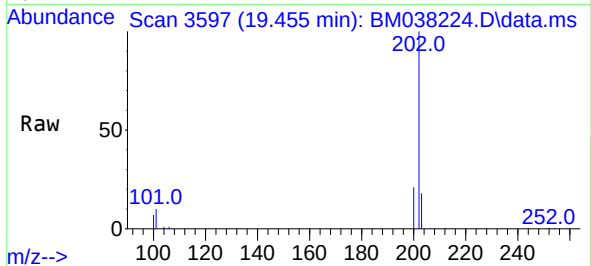
#19
Fluoranthene
Concen: 0.635 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

Instrument :
BNA_M
ClientSampleId :
DBXS0

Tgt Ion:202 Resp: 3248
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 7.2 5.6 8.4

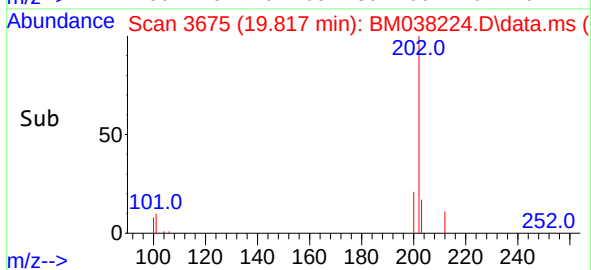
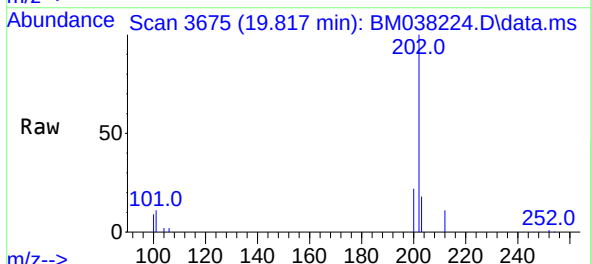
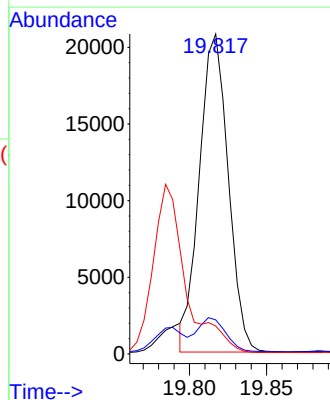
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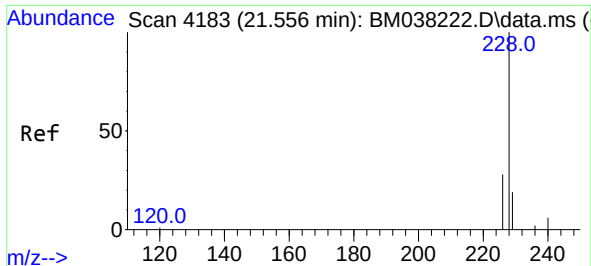
Reviewed By :Jagrut Upadhyay 12/24/2022
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#20
Pyrene
Concen: 0.522 ng/u1 m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

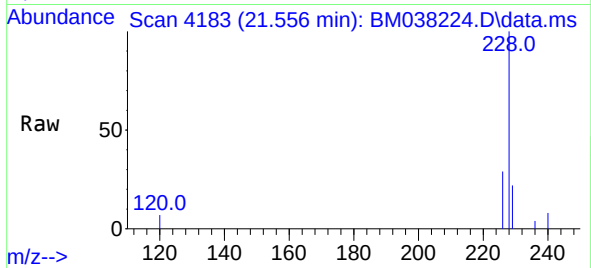
Tgt Ion:202 Resp: 26976
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.7 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.278 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

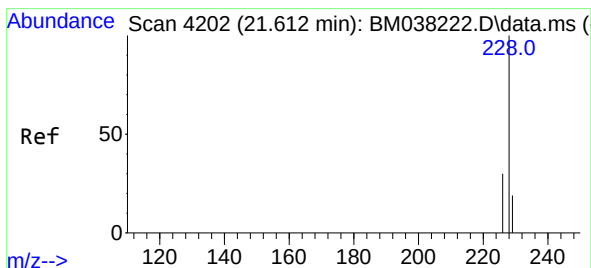
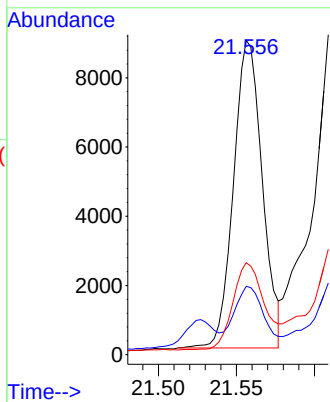
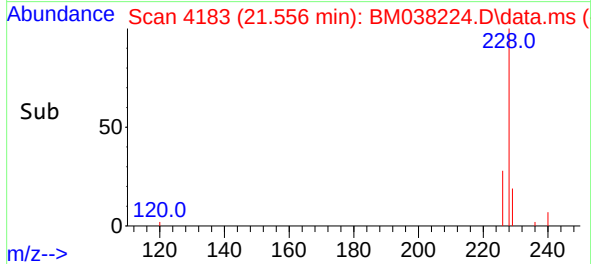
Instrument :
BNA_M
ClientSampleId :
DBXS0



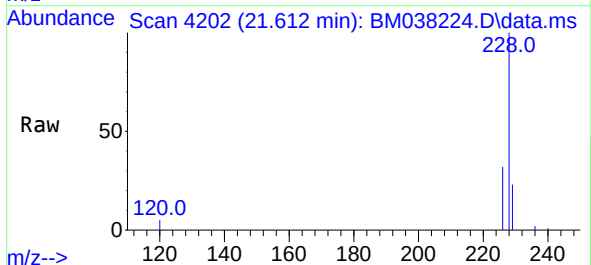
Tgt Ion:228 Resp: 11384
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 29.3 22.2 33.2

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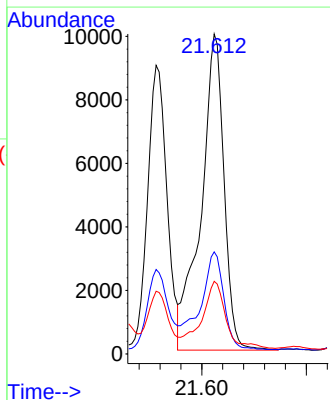
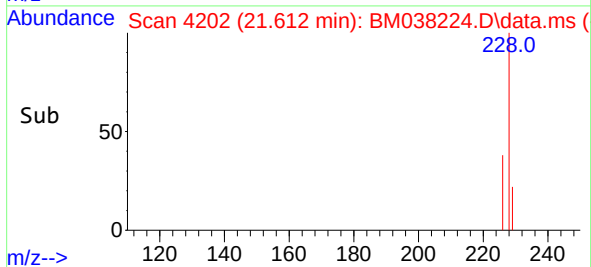
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Supervised By :Yogesh Patel 12/24/2022

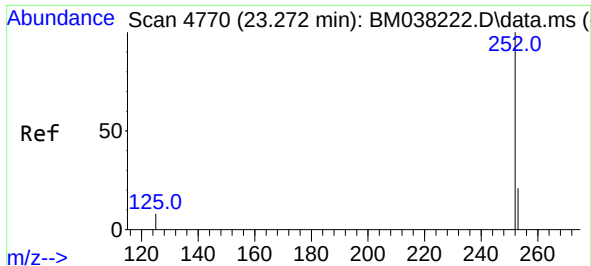


#22
Chrysene
Concen: 0.383 ng/ul m
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15



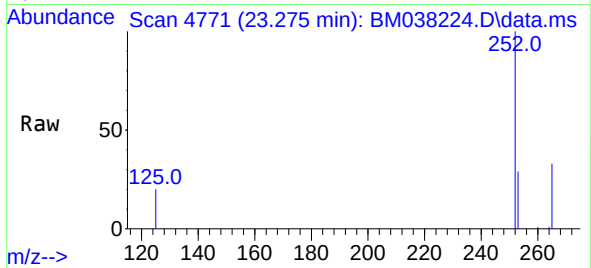
Tgt Ion:228 Resp: 15251
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.523 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

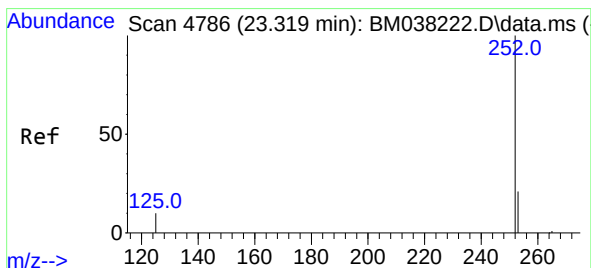
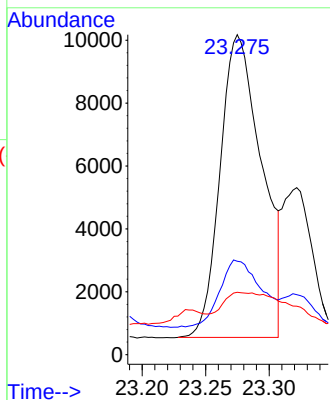
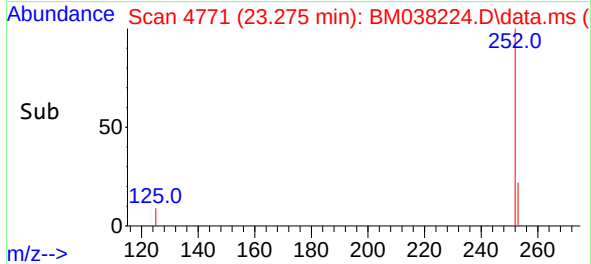
Instrument :
BNA_M
ClientSampleId :
DBXS0



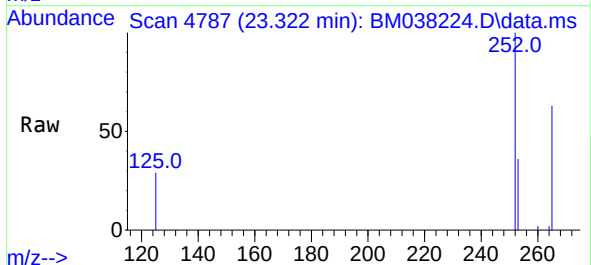
Tgt Ion:252 Resp: 21850
Ion Ratio Lower Upper
252 100
253 29.2 0.0 56.0
125 19.5 0.0 36.6

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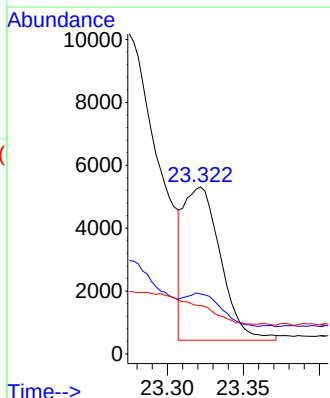
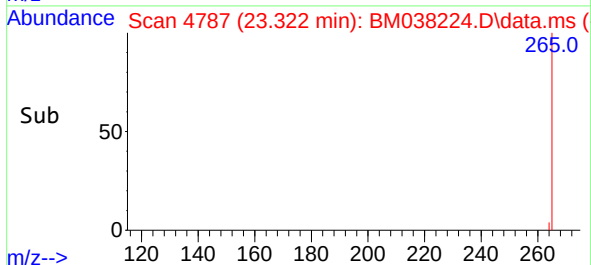
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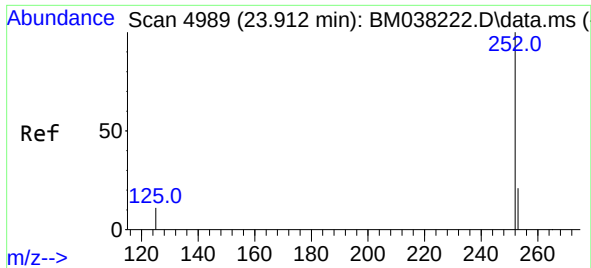


#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15



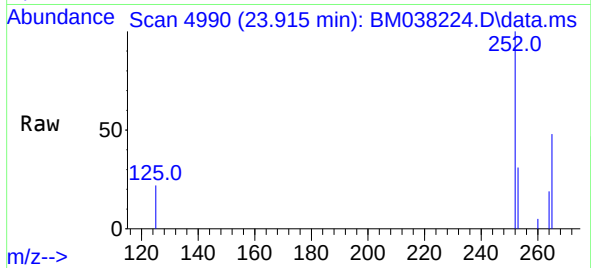
Tgt Ion:252 Resp: 8226
Ion Ratio Lower Upper
252 100
253 35.9 22.5 33.7#
125 29.1 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.915 min Scan# 4989
Delta R.T. 0.003 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

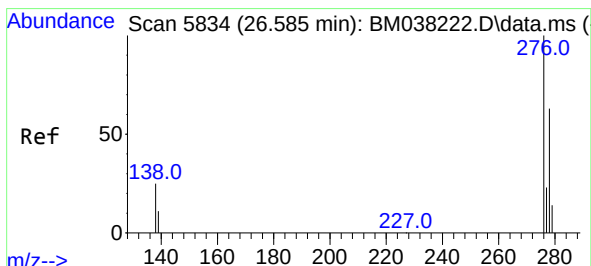
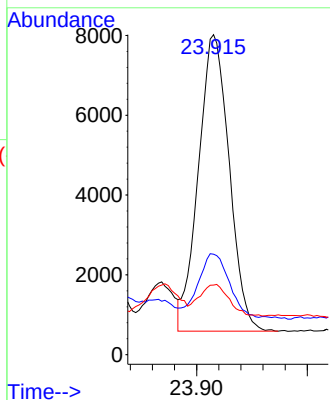
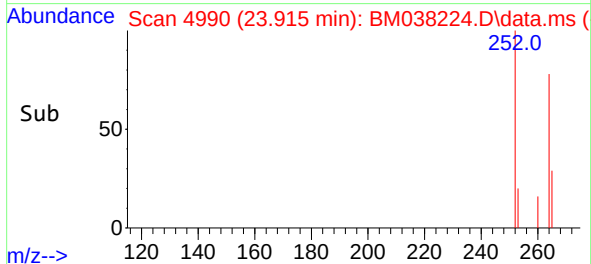
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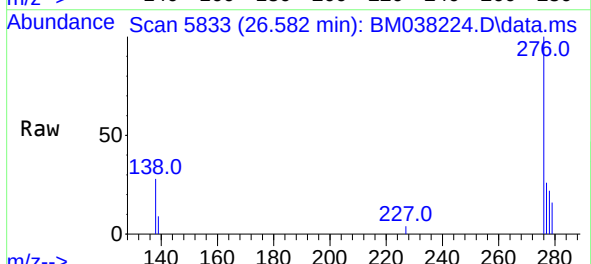
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Ion Ratio Lower Upper
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253 31.4 24.2 36.4
125 21.8 17.3 25.9

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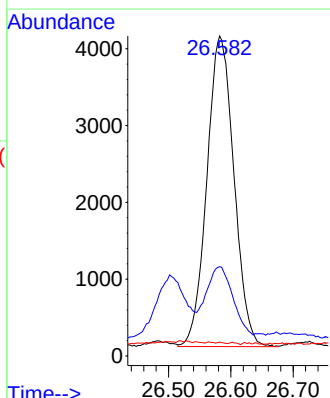
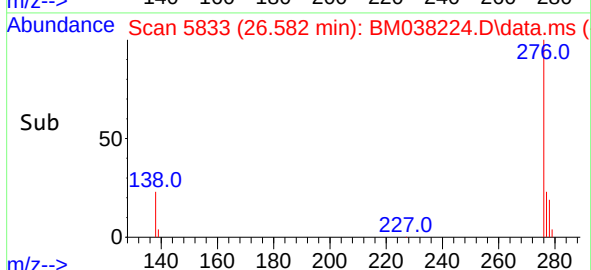
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

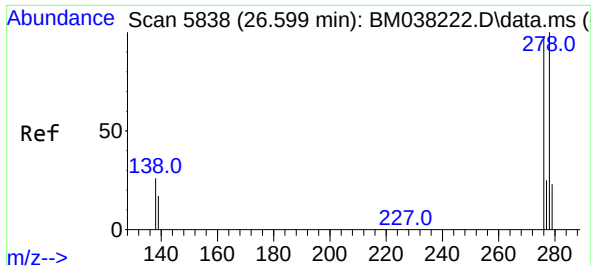


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.241 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15



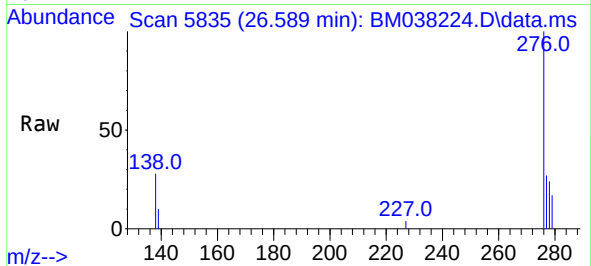
Tgt Ion:276 Resp: 12201
Ion Ratio Lower Upper
276 100
138 23.8 21.7 32.5
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.589 min Scan# 5838
Delta R.T. -0.007 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15

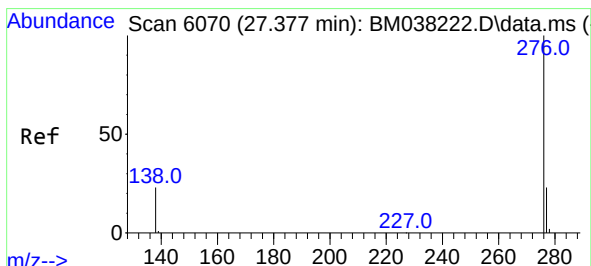
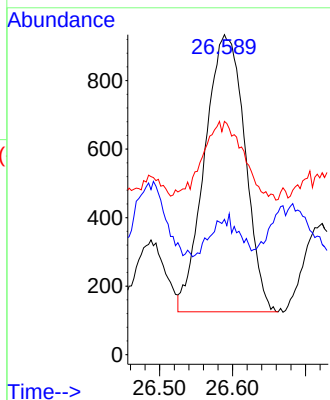
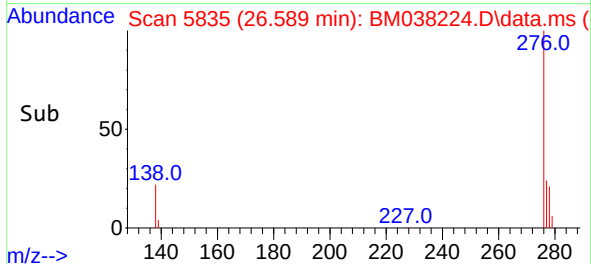
Instrument :
BNA_M
ClientSampleId :
DBXS0



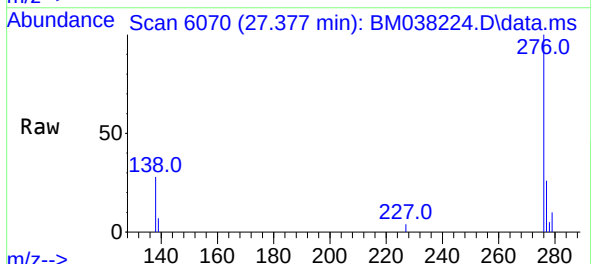
Tgt Ion:278 Resp: 3098
Ion Ratio Lower Upper
278 100
139 42.3 16.8 25.2
279 72.9 23.4 35.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 27.377 min Scan# 6070
Delta R.T. 0.007 min
Lab File: BM038224.D
Acq: 23 Dec 2022 09:15



Tgt Ion:276 Resp: 13218
Ion Ratio Lower Upper
276 100
138 27.8 20.8 31.2
277 26.5 20.5 30.7

