

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038250.D
 Acq On : 24 Dec 2022 01:46
 Operator : CG/JU
 Sample : N6014-21DL 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXT3DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 03:01:22 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	8.030	152	4445	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.845	136	12942	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.662	164	7136	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	13620	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8495	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	8931	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4124	0.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1594	0.084	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	2716	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.384	152	2862	0.073	ng/ul#	93
16) Anthracene	17.531	178	2484	0.057	ng/ul#	89
19) Fluoranthene	19.450	202	11584	0.249	ng/ul	97
20) Pyrene	19.813	202	36421	0.774	ng/ul	96
21) Benzo(a)anthracene	21.551	228	14820	0.398	ng/ul	96
22) Chrysene	21.606	228	19351m	0.534	ng/ul	
24) Benzo(b)fluoranthene	23.266	252	34252	0.866	ng/ul	95
25) Benzo(k)fluoranthene	23.313	252	12333m	0.325	ng/ul	
26) Benzo(a)pyrene	23.907	252	12912	0.374	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.572	276	7162	0.150	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.575	278	1987	0.053	ng/ul#	27
29) Benzo(g,h,i)perylene	27.364	276	5628	0.140	ng/ul#	87

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

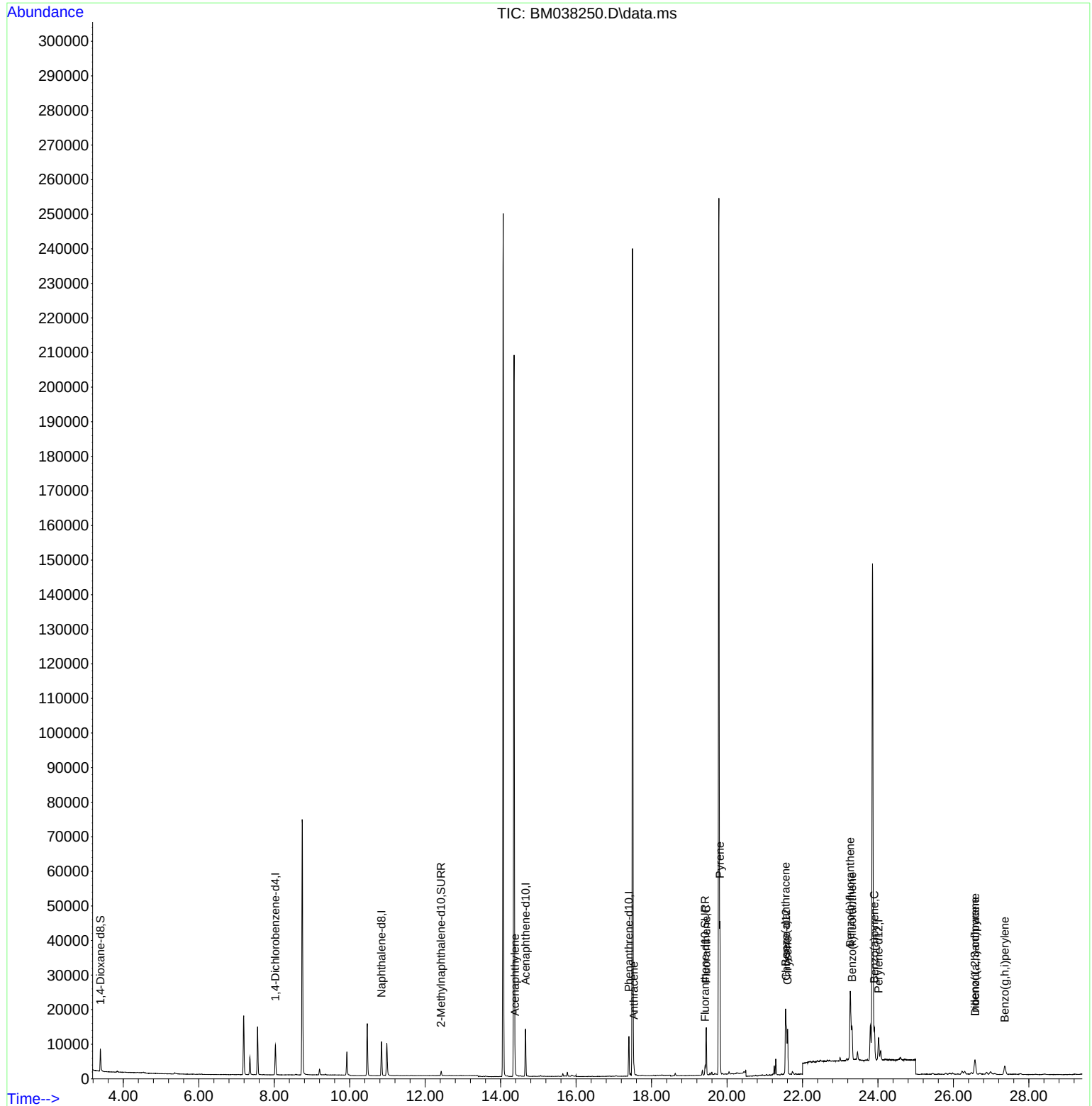
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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ALS Vial : 57 Sample Multiplier: 1

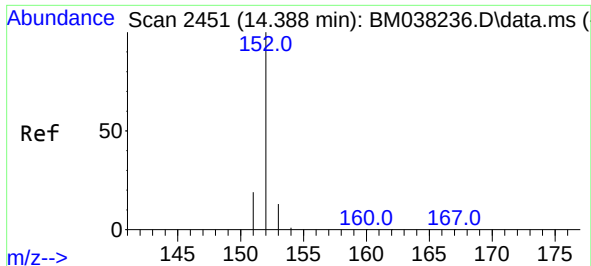
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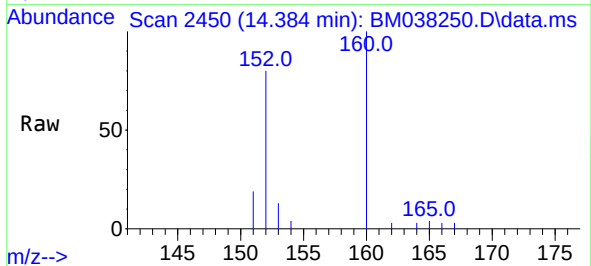
Quant Time: Dec 24 03:01:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.384 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

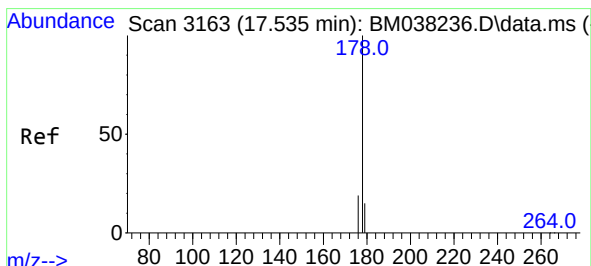
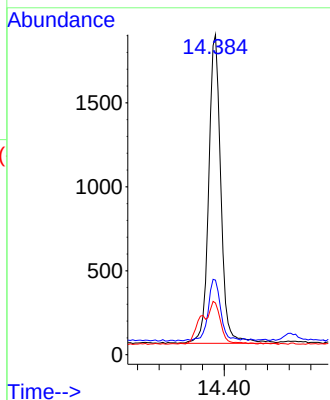
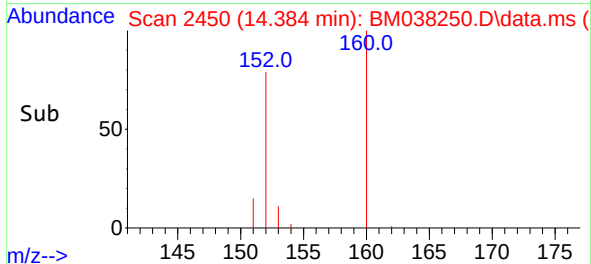
Instrument :
BNA_M
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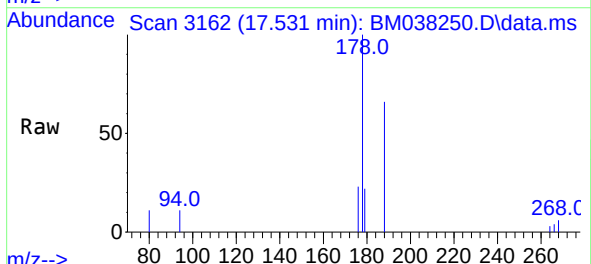
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Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.2
153 16.2 10.7 16.1

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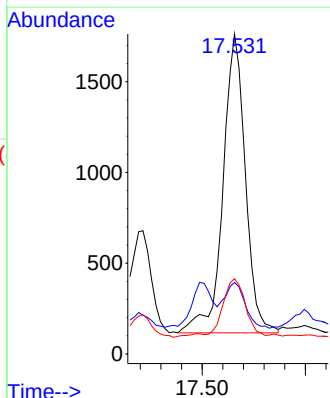
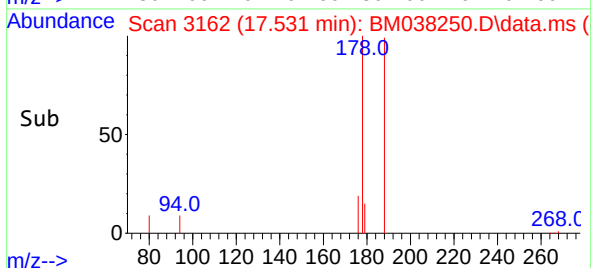
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

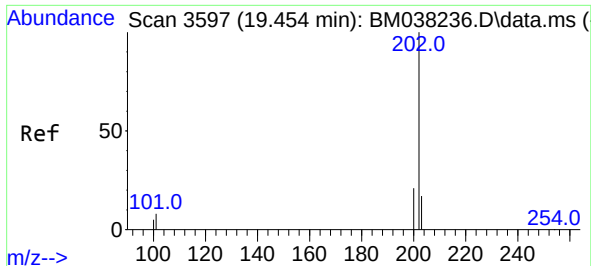


#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46



Tgt Ion:178 Resp: 2484
Ion Ratio Lower Upper
178 100
179 22.3 13.0 19.6#
176 23.5 15.6 23.4#





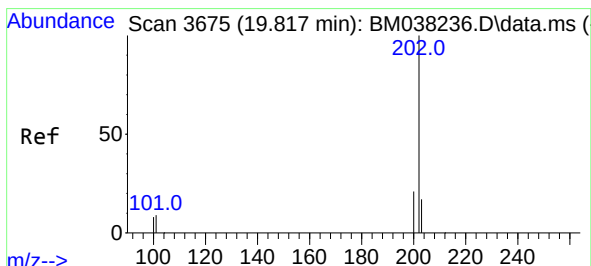
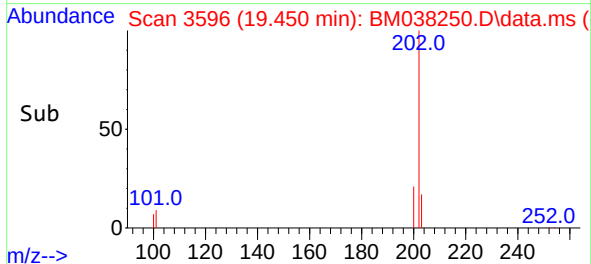
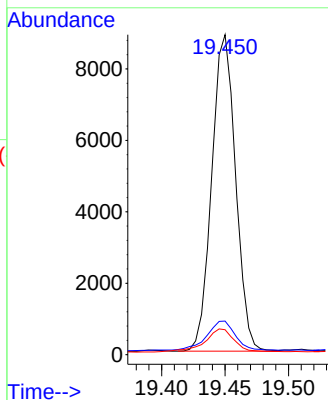
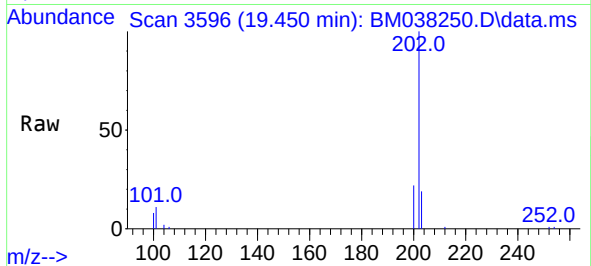
#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.450 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Instrument :
BNA_M
ClientSampleId :
DBXT3DL

Tgt Ion:202 Resp: 11584
Ion Ratio Lower Upper
202 100
101 10.5 7.5 11.3
100 7.8 5.6 8.4

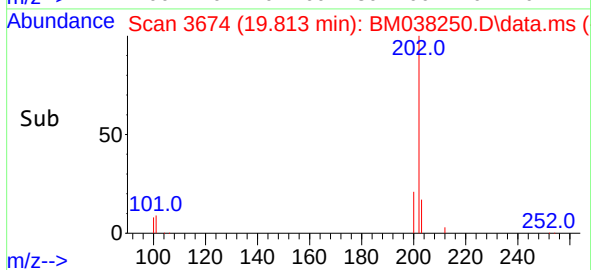
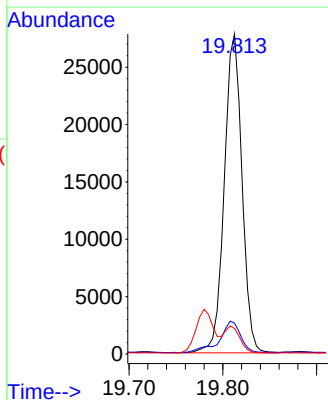
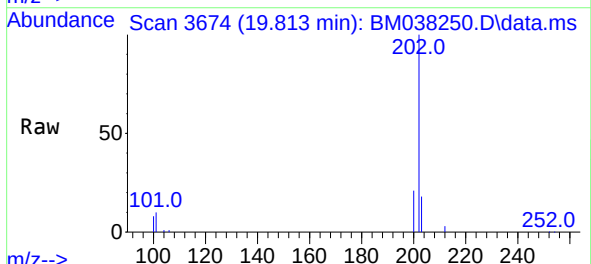
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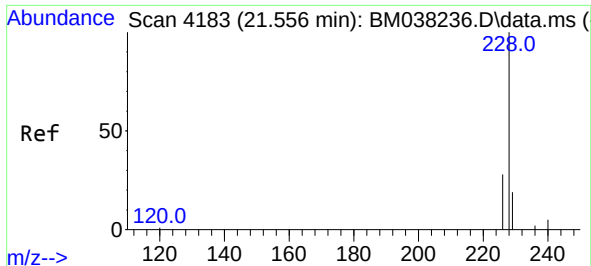
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.774 ng/ul
RT: 19.813 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

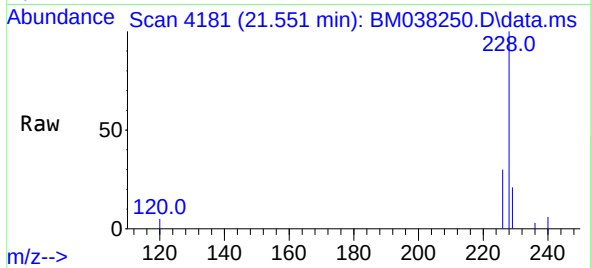
Tgt Ion:202 Resp: 36421
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 7.9 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.551 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

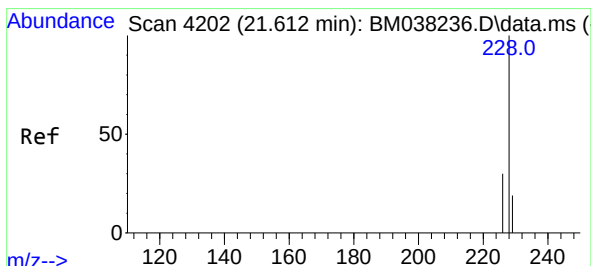
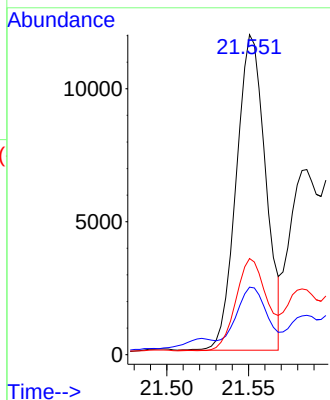
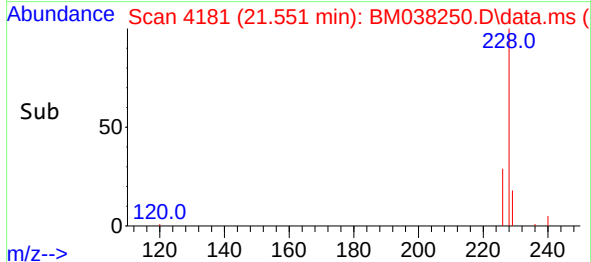
Instrument :
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ClientSampleId :
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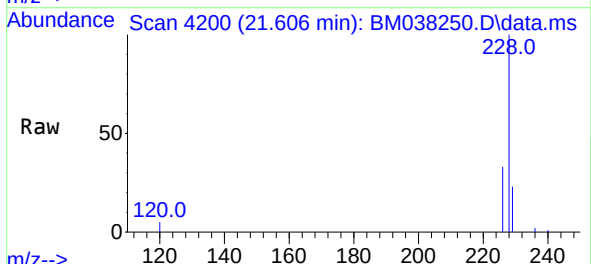
Tgt Ion:228 Resp: 14820
Ion Ratio Lower Upper
228 100
229 21.1 15.5 23.3
226 30.0 22.2 33.2

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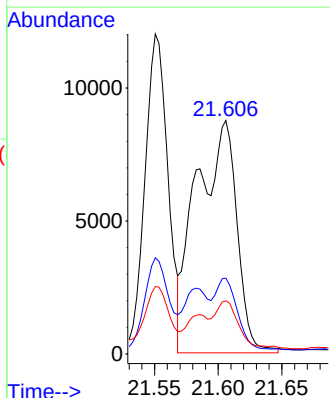
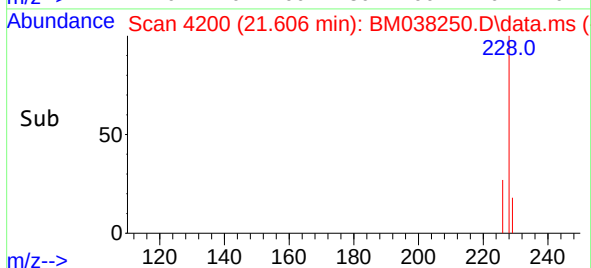
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

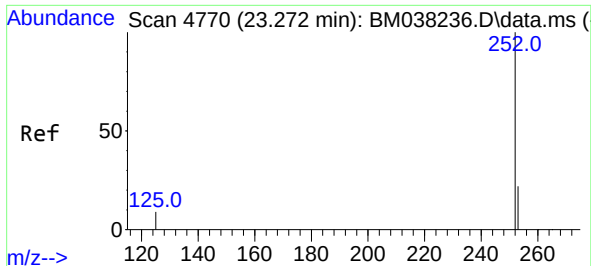


#22
Chrysene
Concen: 0.534 ng/ul m
RT: 21.606 min Scan# 4200
Delta R.T. -0.006 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46



Tgt Ion:228 Resp: 19351
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.4
229 22.8 16.0 24.0





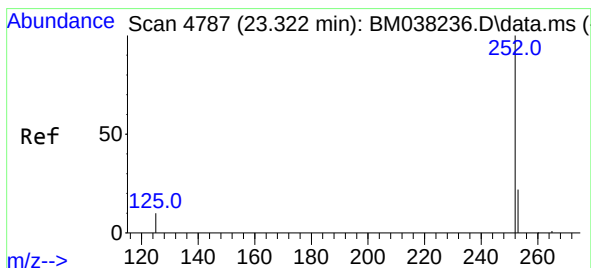
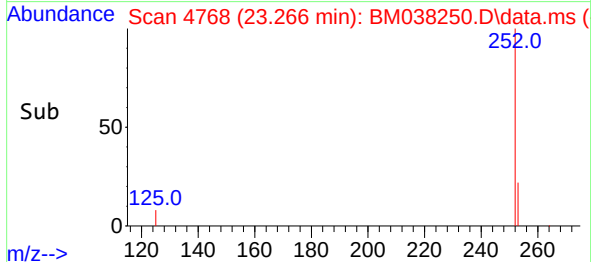
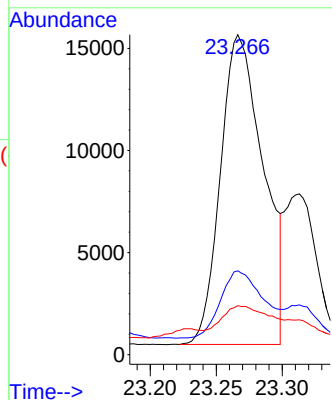
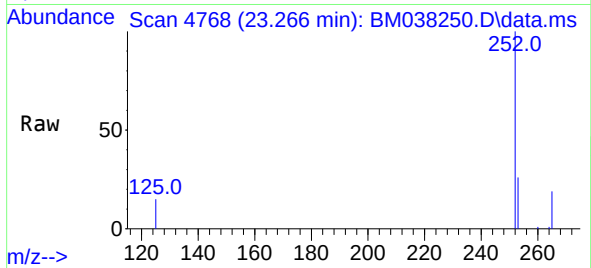
#24
Benzo(b)fluoranthene
Concen: 0.866 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. -0.006 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Instrument :
BNA_M
ClientSampleId :
DBXT3DL

Tgt Ion:252 Resp: 3425
Ion Ratio Lower Upper
252 100
253 26.2 0.0 56.0
125 15.3 0.0 36.6

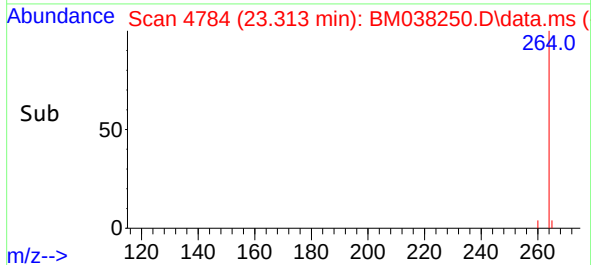
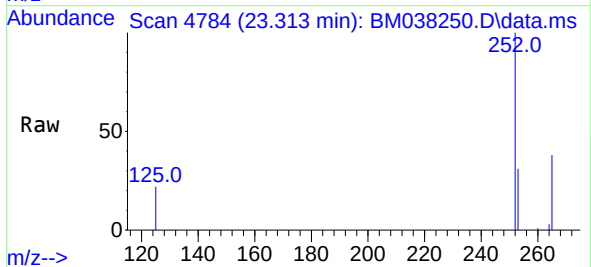
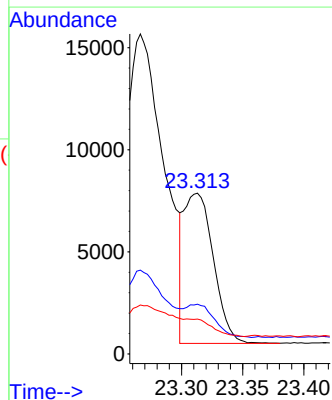
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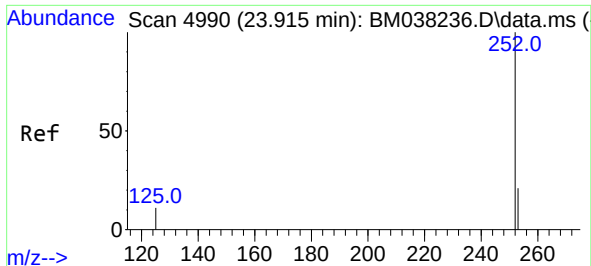
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.325 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Tgt Ion:252 Resp: 12333
Ion Ratio Lower Upper
252 100
253 30.9 22.5 33.7
125 21.7 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.907 min Scan# 4990
Delta R.T. -0.006 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Instrument :

BNA_M

ClientSampleId :

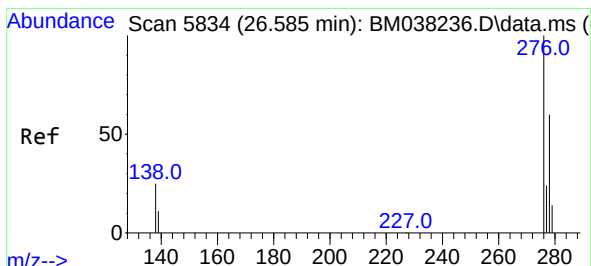
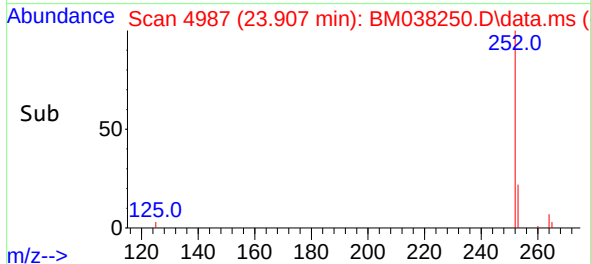
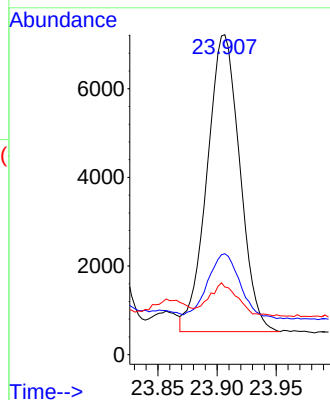
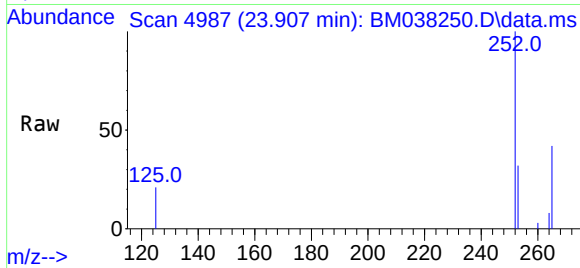
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Tgt Ion:252 Resp: 12912
Ion Ratio Lower Upper
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253 31.6 24.2 36.4
125 21.1 17.3 25.9

Manual Integrations

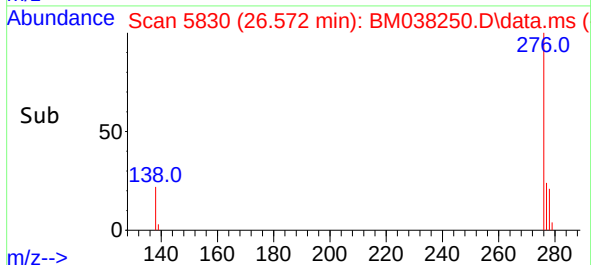
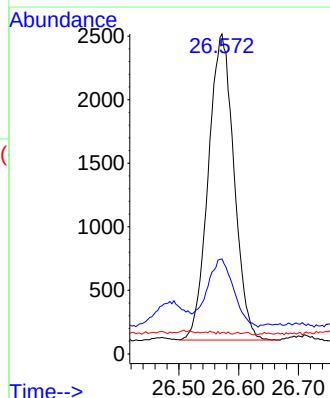
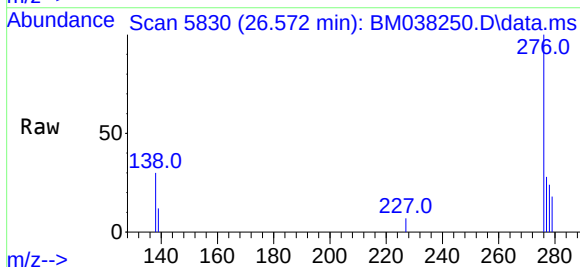
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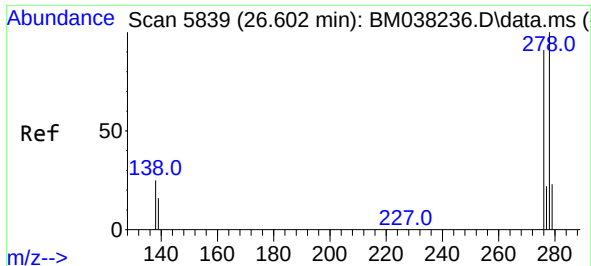
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. -0.010 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Tgt Ion:276 Resp: 7162
Ion Ratio Lower Upper
276 100
138 23.3 21.7 32.5
227 0.3 0.0 0.0#





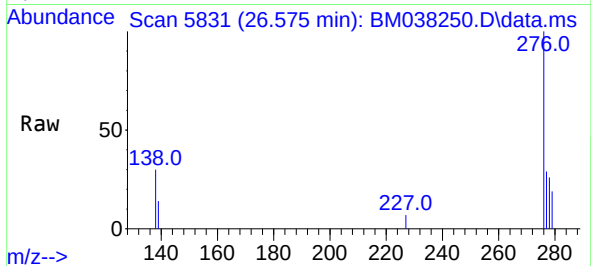
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Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.575 min Scan# 5839
Delta R.T. -0.020 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46

Instrument :

BNA_M

ClientSampleId :

DBXT3DL

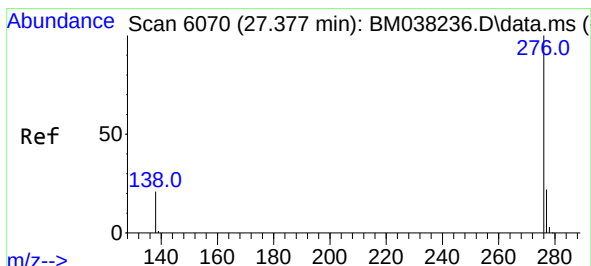
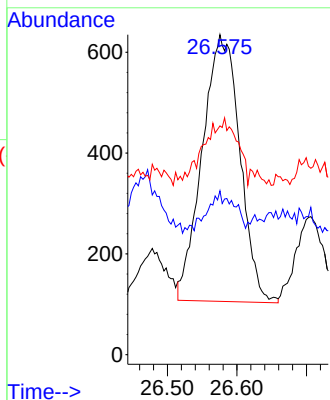
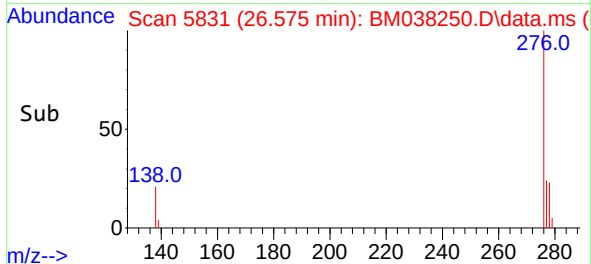


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Ion Ratio Lower Upper
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139 51.2 16.8 25.2
279 71.5 23.4 35.2

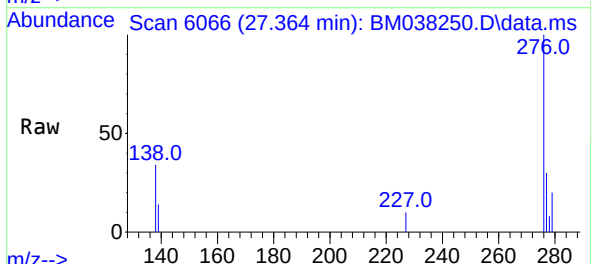
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul
RT: 27.364 min Scan# 6066
Delta R.T. -0.006 min
Lab File: BM038250.D
Acq: 24 Dec 2022 01:46



Tgt Ion:276 Resp: 5628
Ion Ratio Lower Upper
276 100
138 34.1 20.8 31.2
277 30.3 20.5 30.7

