

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038231.D
 Acq On : 23 Dec 2022 14:13
 Operator : CG/JU
 Sample : N6008-22DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY8DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:23:16 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	8.038	152	4268	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12738	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7043	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14335	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9097	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	9411	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	3635	0.837	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	1489	0.079	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	2927	0.086	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	1676	0.045	ng/ul#	86
10) Acenaphthylene	14.389	152	2795	0.072	ng/ul#	91
15) Phenanthrene	17.447	178	5324	0.111	ng/ul	95
16) Anthracene	17.536	178	2224	0.048	ng/ul#	86
19) Fluoranthene	19.455	202	17686	0.355	ng/ul	100
20) Pyrene	19.817	202	18511m	0.368	ng/ul	
21) Benzo(a)anthracene	21.559	228	9966	0.250	ng/ul#	92
22) Chrysene	21.612	228	10793	0.278	ng/ul	95
24) Benzo(b)fluoranthene	23.278	252	17413	0.418	ng/ul	91
25) Benzo(k)fluoranthene	23.322	252	5670m	0.142	ng/ul	
26) Benzo(a)pyrene	23.915	252	9992	0.275	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.589	276	7815	0.155	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.589	278	1992	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	27.384	276	7324	0.173	ng/ul#	90

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

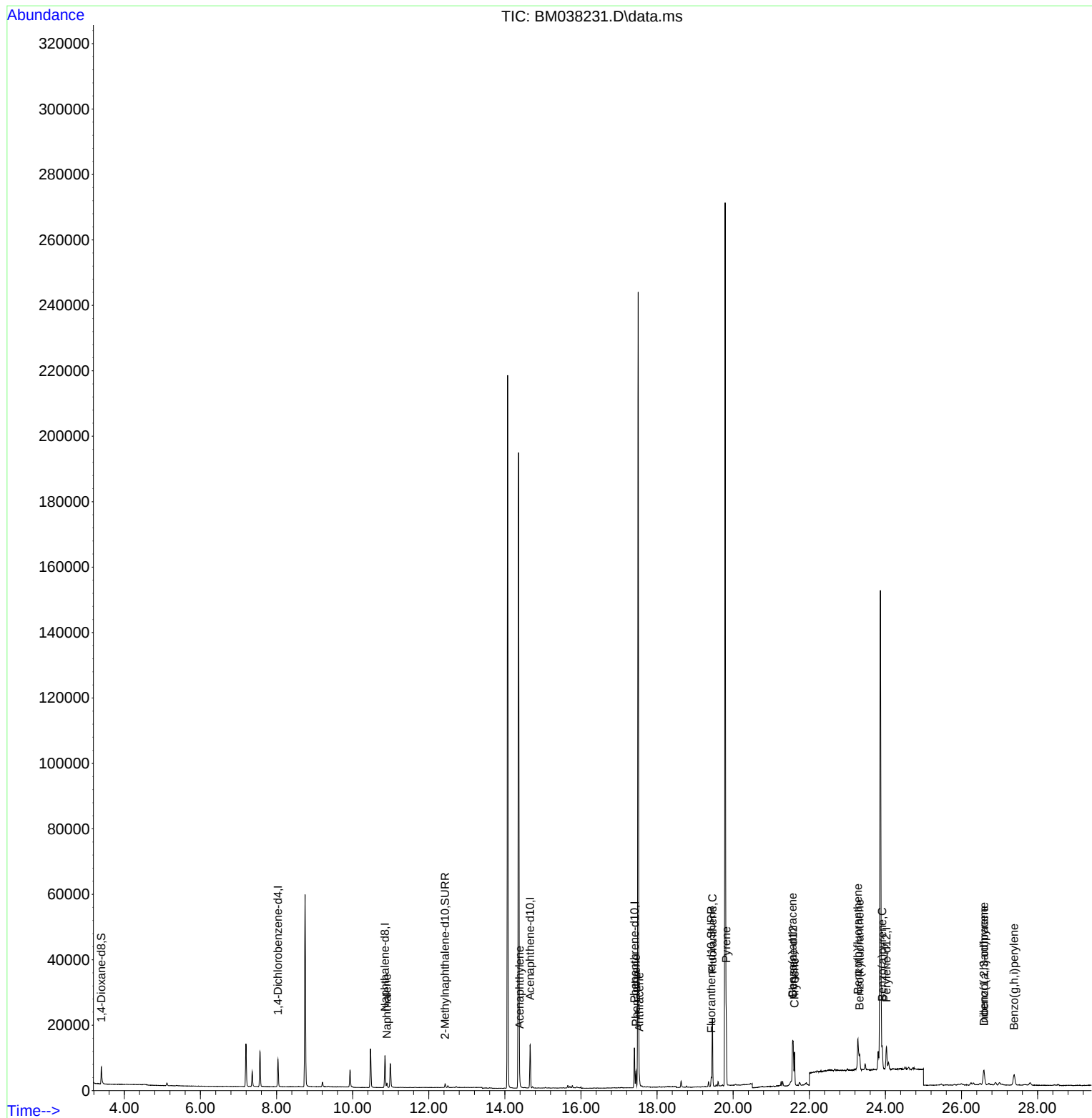
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038231.D
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ALS Vial : 38 Sample Multiplier: 1

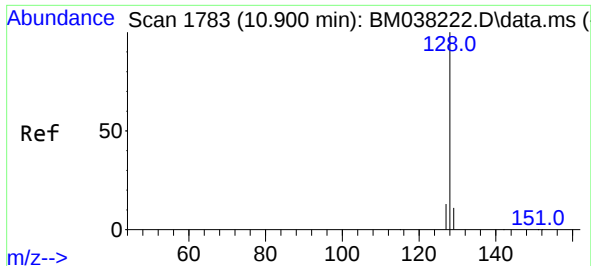
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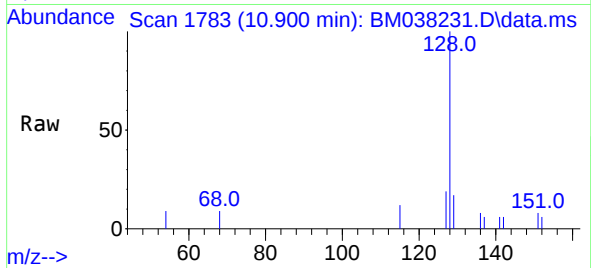
Quant Time: Dec 23 23:23:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.045 ng/u1
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

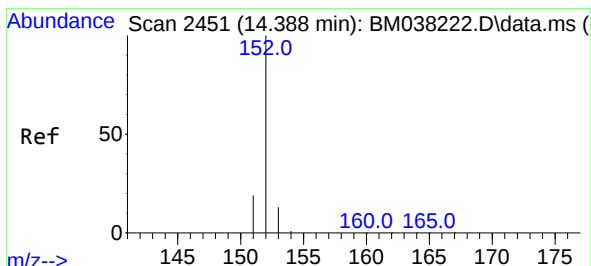
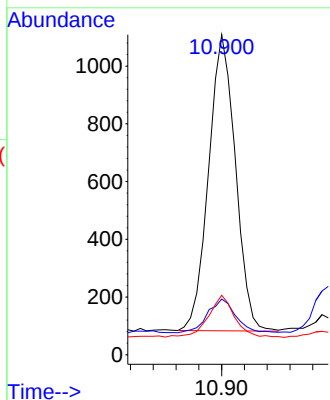
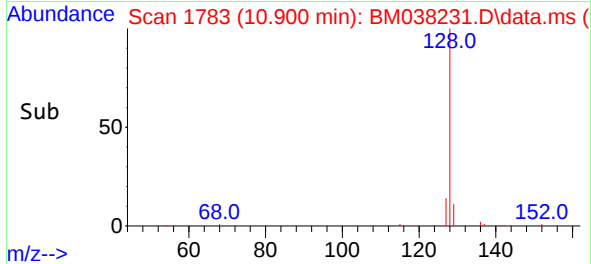
Instrument :
BNA_M
ClientSampleId :
DBXY8DL



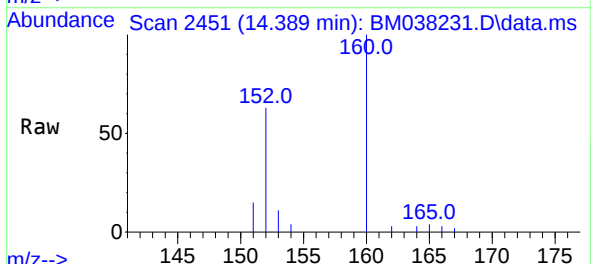
Tgt Ion:128 Resp: 1670
Ion Ratio Lower Upper
128 100
129 17.4 9.4 14.0#
127 18.6 10.7 16.1#

Manual Integrations
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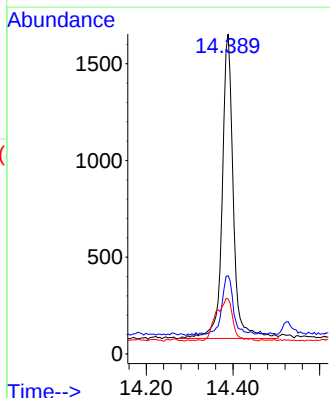
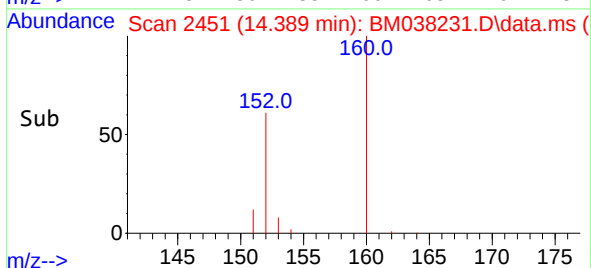
Reviewed By :Jagrut Upadhyay 12/24/2022
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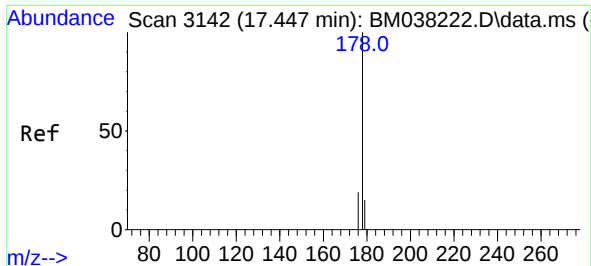


#10
Acenaphthylene
Concen: 0.072 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13



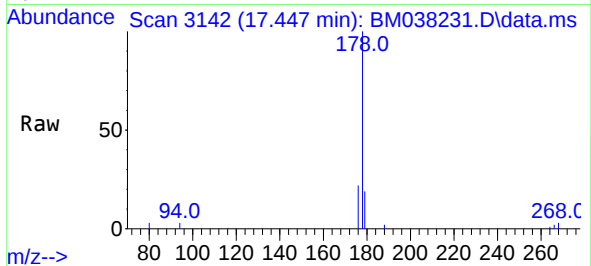
Tgt Ion:152 Resp: 2795
Ion Ratio Lower Upper
152 100
151 24.4 16.2 24.2#
153 17.2 10.7 16.1#





#15
Phenanthrene
Concen: 0.111 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

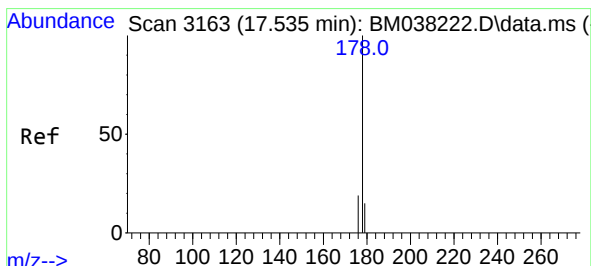
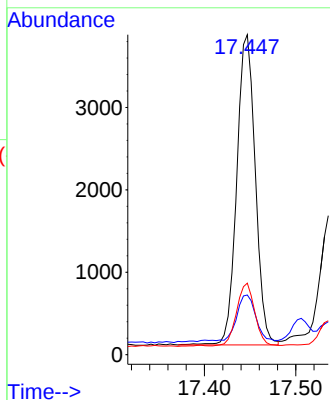
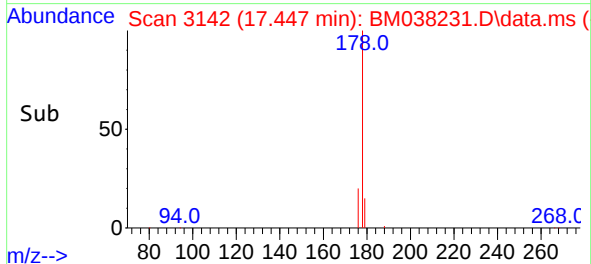
Instrument :
BNA_M
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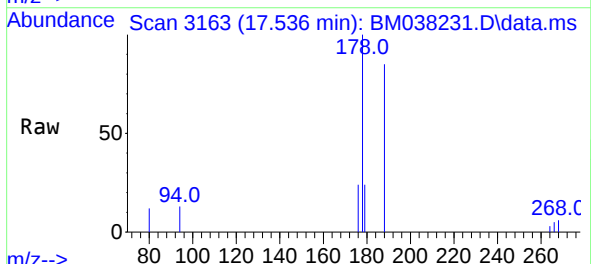
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Ion Ratio Lower Upper
178 100
179 18.7 13.0 19.4
176 22.4 16.2 24.4

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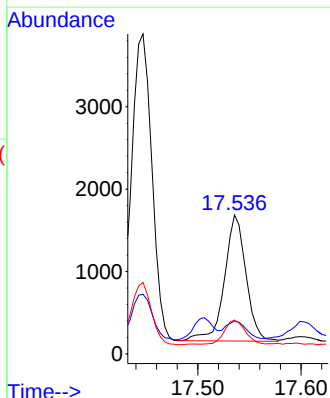
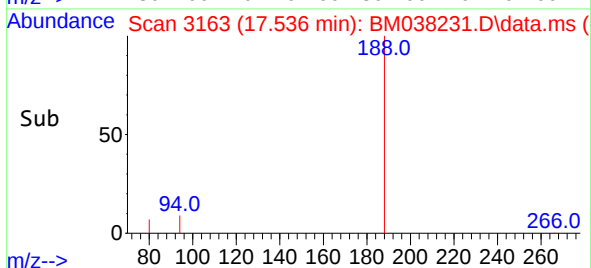
Reviewed By :Jagrut Upadhyay 12/24/2022
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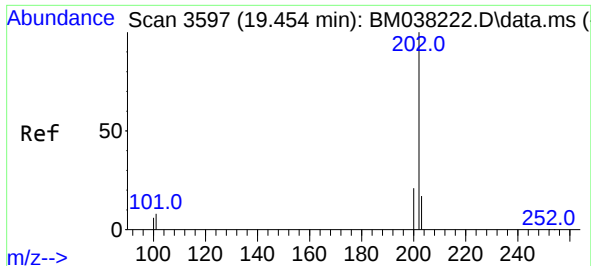


#16
Anthracene
Concen: 0.048 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13



Tgt Ion:178 Resp: 2224
Ion Ratio Lower Upper
178 100
179 23.8 13.0 19.6#
176 24.4 15.6 23.4#





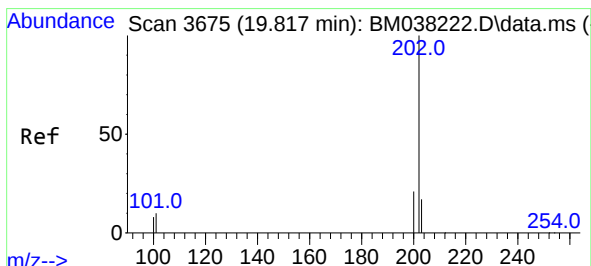
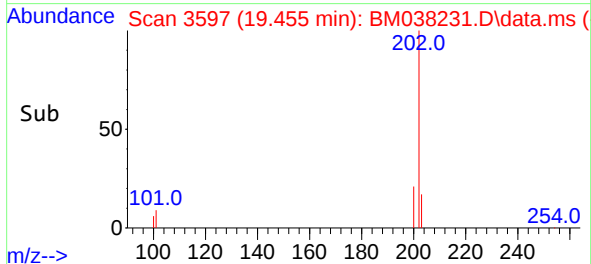
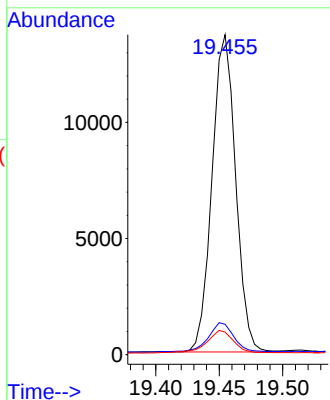
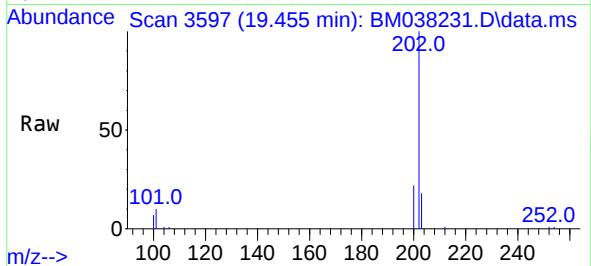
#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 17680
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 7.1 5.6 8.4

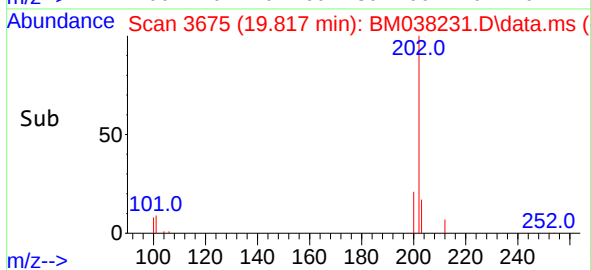
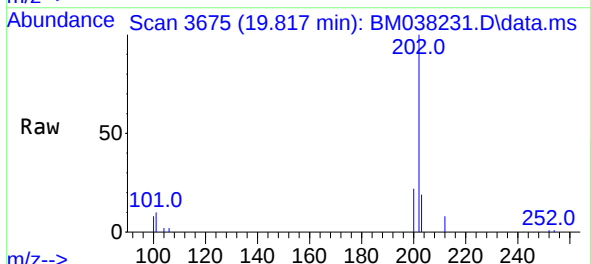
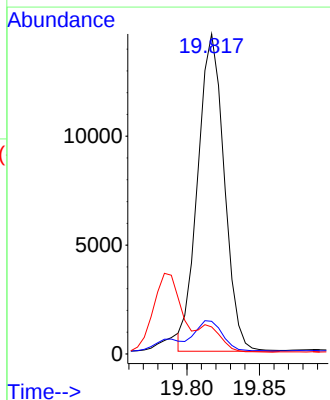
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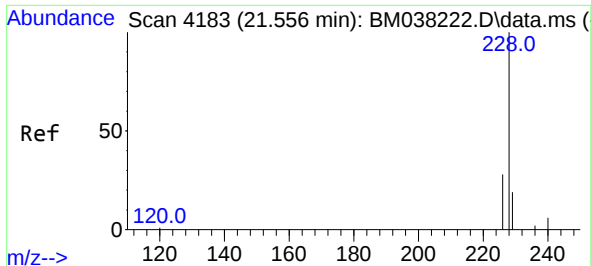
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#20
Pyrene
Concen: 0.368 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

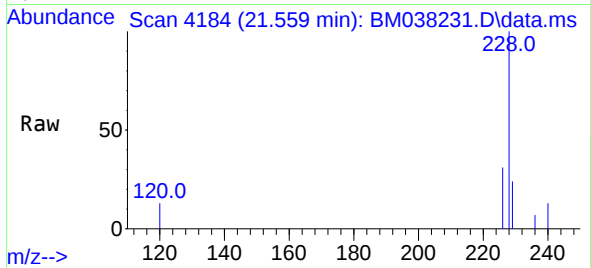
Tgt Ion:202 Resp: 18511
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.5 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.250 ng/u1
RT: 21.559 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

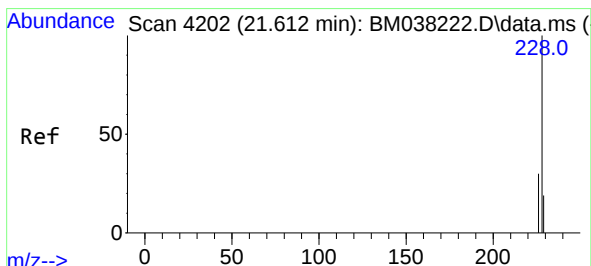
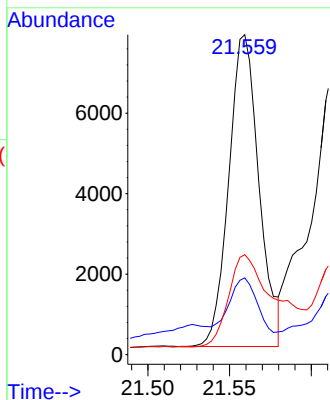
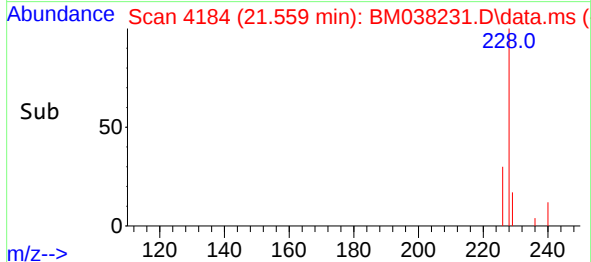
Instrument :
BNA_M
ClientSampleId :
DBXY8DL



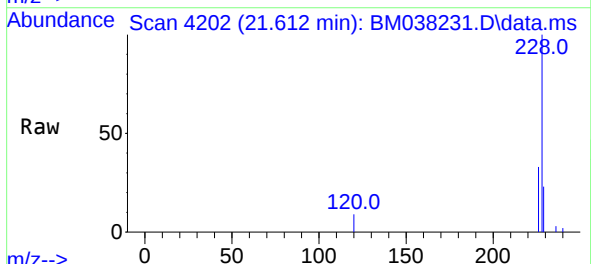
Tgt Ion:228 Resp: 9960
Ion Ratio Lower Upper
228 100
229 24.0 15.5 23.3
226 31.2 22.2 33.2

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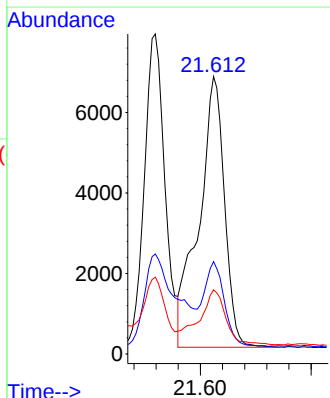
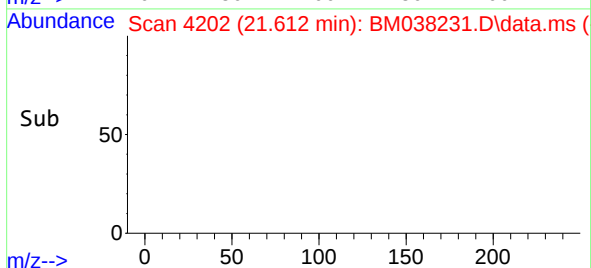
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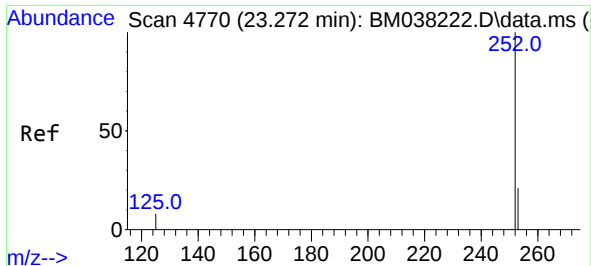


#22
Chrysene
Concen: 0.278 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13



Tgt Ion:228 Resp: 10793
Ion Ratio Lower Upper
228 100
226 33.3 25.0 37.4
229 23.1 16.0 24.0





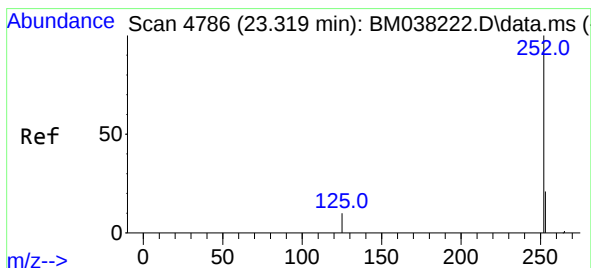
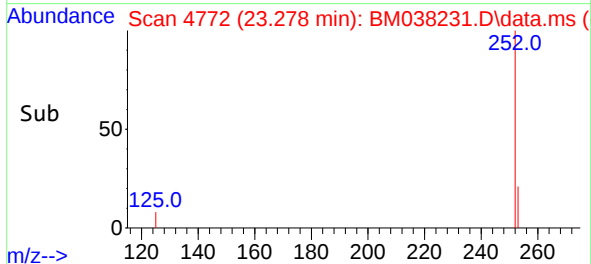
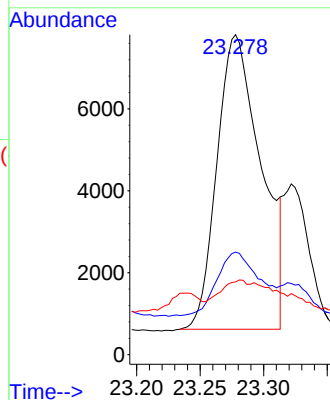
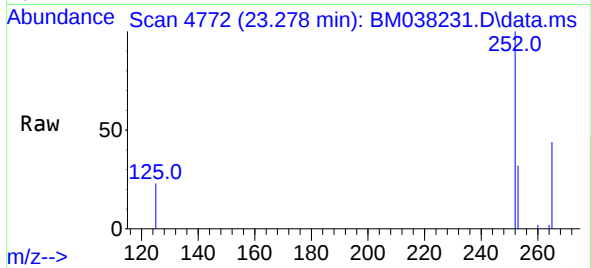
#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.278 min Scan# 4770
Delta R.T. 0.006 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

Instrument :
BNA_M
ClientSampleId :
DBXY8DL

Tgt Ion:252 Resp: 1741
Ion Ratio Lower Upper
252 100
253 32.0 0.0 56.0
125 22.8 0.0 36.6

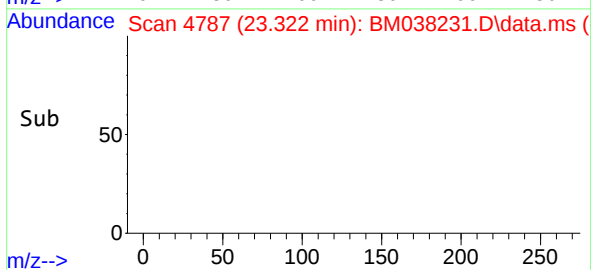
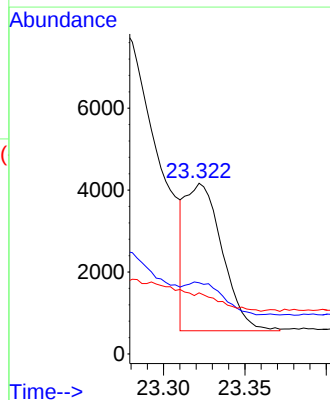
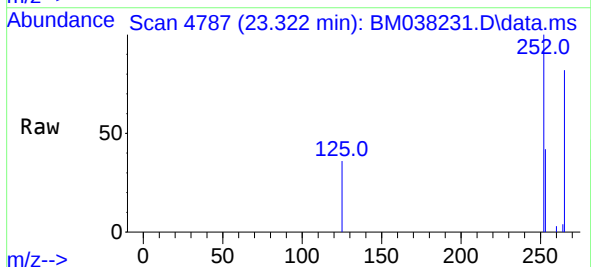
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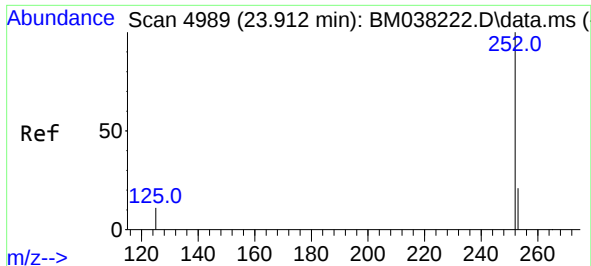
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

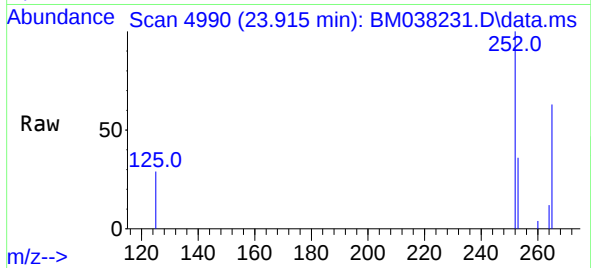
Tgt Ion:252 Resp: 5670
Ion Ratio Lower Upper
252 100
253 41.7 22.5 33.7#
125 35.8 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.275 ng/ul
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

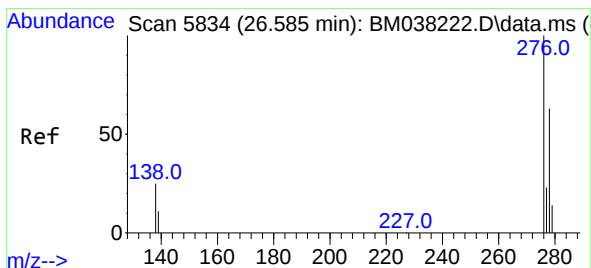
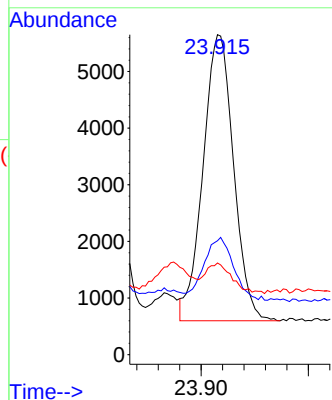
Instrument :
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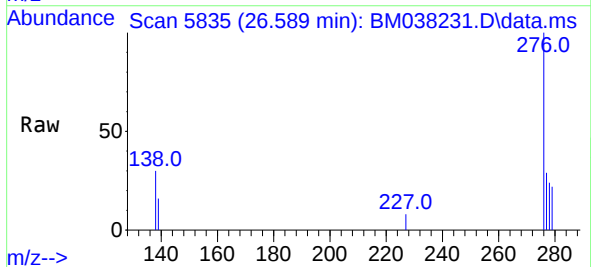
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Ion Ratio Lower Upper
252 100
253 35.6 24.2 36.4
125 28.6 17.3 25.9

Manual Integrations
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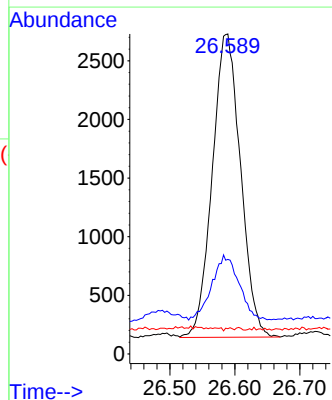
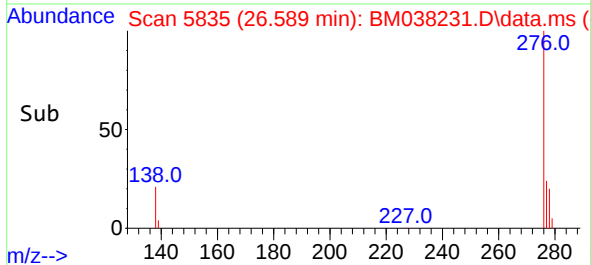
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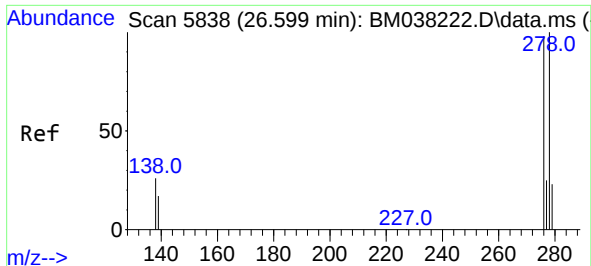


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. 0.007 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13



Tgt Ion:276 Resp: 7815
Ion Ratio Lower Upper
276 100
138 20.9 21.7 32.5#
227 0.3 0.0 0.0#





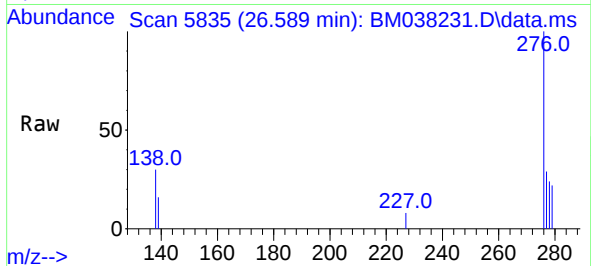
#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.589 min Scan# 5838
Delta R.T. -0.006 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13

Instrument :

BNA_M

ClientSampleId :

DBXY8DL

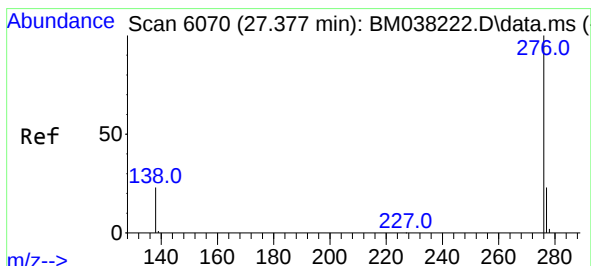
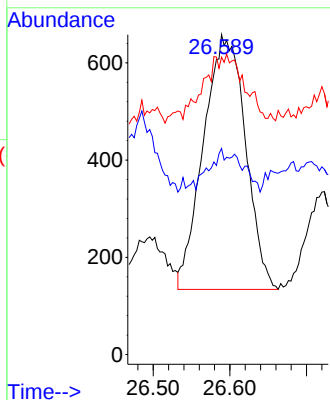
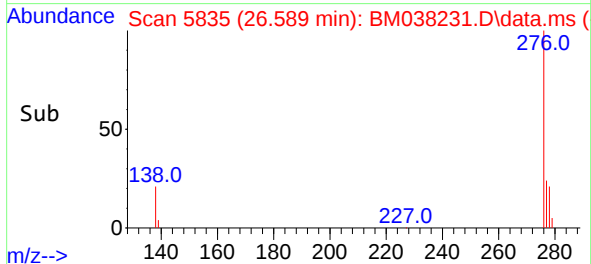


Tgt Ion:278 Resp: 1992
Ion Ratio Lower Upper
278 100
139 64.4 16.8 25.2
279 93.0 23.4 35.2

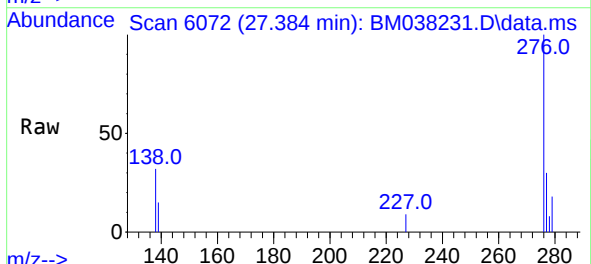
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. 0.014 min
Lab File: BM038231.D
Acq: 23 Dec 2022 14:13



Tgt Ion:276 Resp: 7324
Ion Ratio Lower Upper
276 100
138 32.0 20.8 31.2
277 30.1 20.5 30.7

