

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038243.D
 Acq On : 23 Dec 2022 21:33
 Operator : CG/JU
 Sample : N6014-08
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR9

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:24:55 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	4389	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	13201	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	7456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	14855	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9311	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	9617	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	12120	2.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	3561	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	6699	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.443	178	2696	0.054	ng/ul#	90
19) Fluoranthene	19.450	202	7681	0.151	ng/ul#	91
20) Pyrene	19.812	202	7247m	0.141	ng/ul	
21) Benzo(a)anthracene	21.553	228	3770	0.092	ng/ul#	90
22) Chrysene	21.606	228	4463	0.112	ng/ul#	91
24) Benzo(b)fluoranthene	23.269	252	7526	0.177	ng/ul	73
25) Benzo(k)fluoranthene	23.316	252	2975m	0.073	ng/ul	
26) Benzo(a)pyrene	23.909	252	4711	0.127	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.575	276	4036	0.078	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.582	278	1011	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	4154	0.096	ng/ul#	83

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

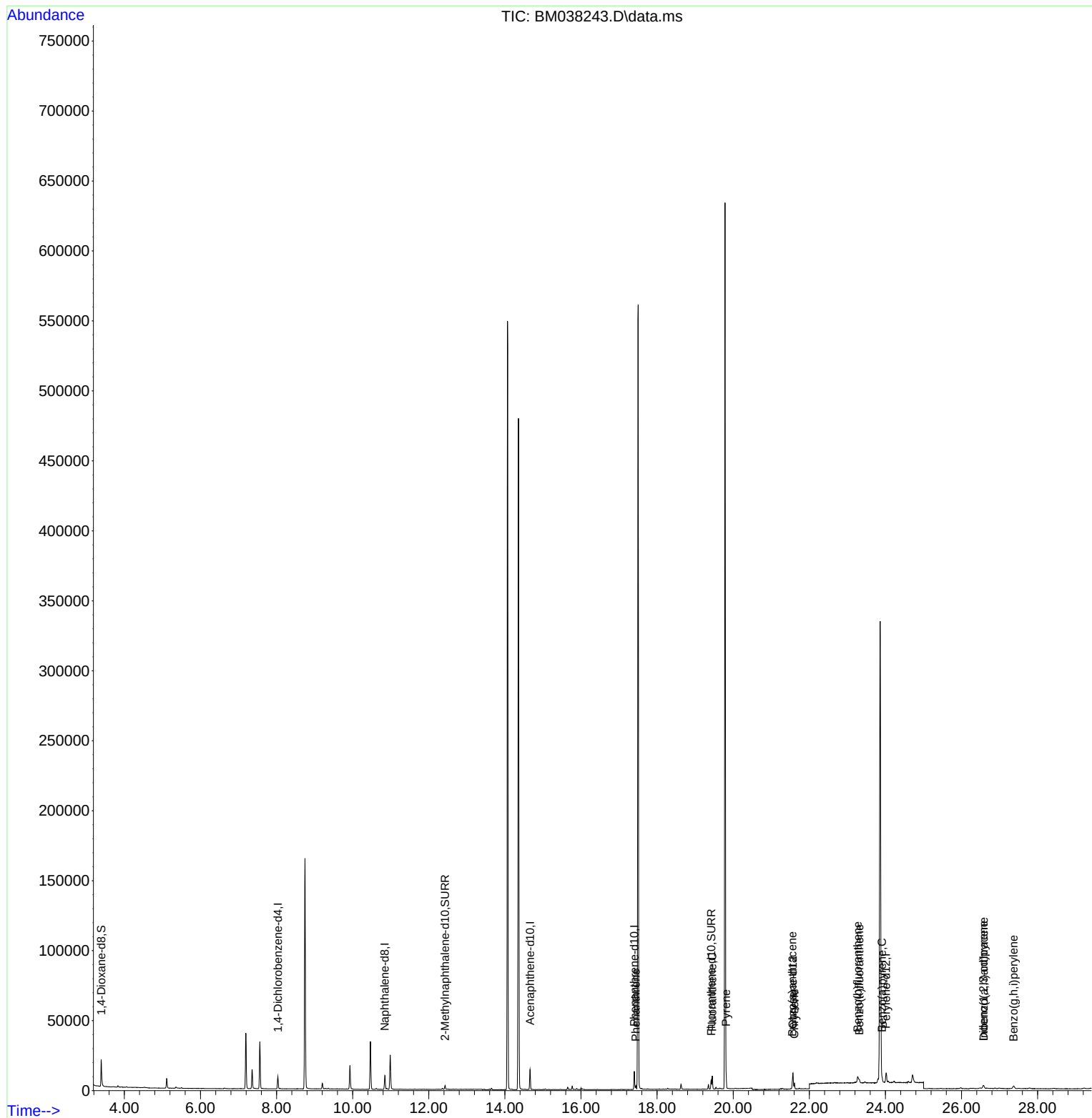
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038243.D
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ALS Vial : 50 Sample Multiplier: 1

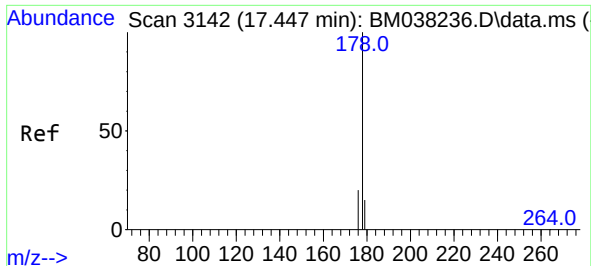
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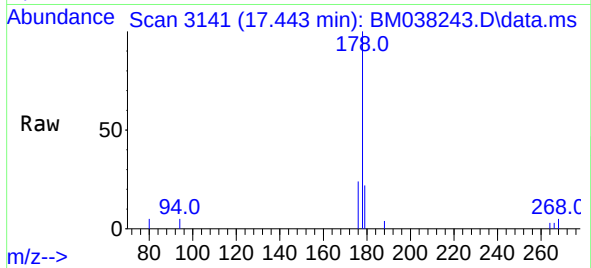
Quant Time: Dec 23 23:24:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#15
Phenanthrene
Concen: 0.054 ng/u1
RT: 17.443 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

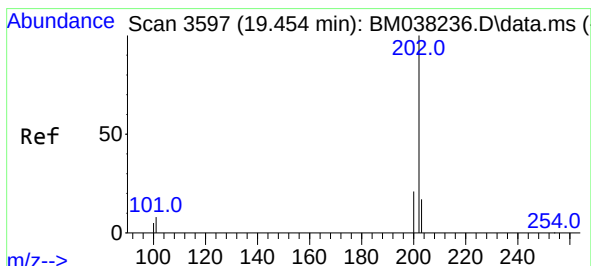
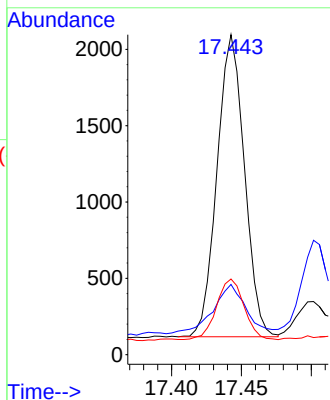
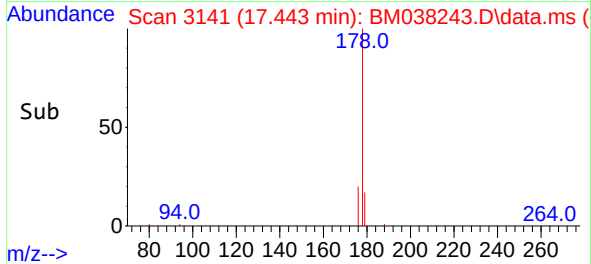
Instrument :
BNA_M
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Tgt Ion:178 Resp: 2690
Ion Ratio Lower Upper
178 100
179 21.9 13.0 19.4#
176 23.7 16.2 24.4#

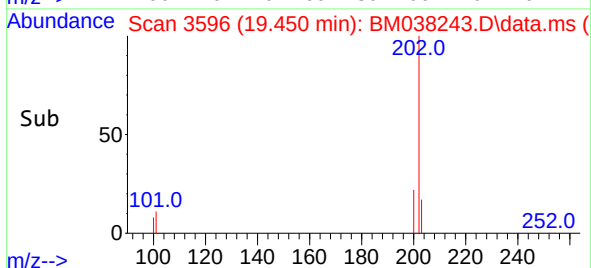
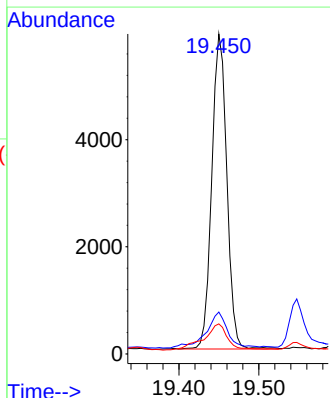
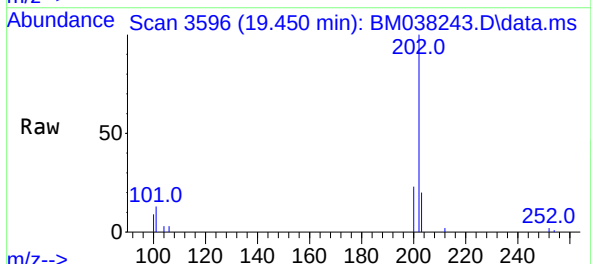
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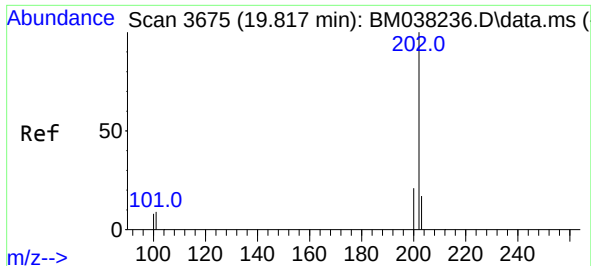
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#19
Fluoranthene
Concen: 0.151 ng/u1
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Tgt Ion:202 Resp: 7681
Ion Ratio Lower Upper
202 100
101 13.1 7.5 11.3#
100 9.4 5.6 8.4#





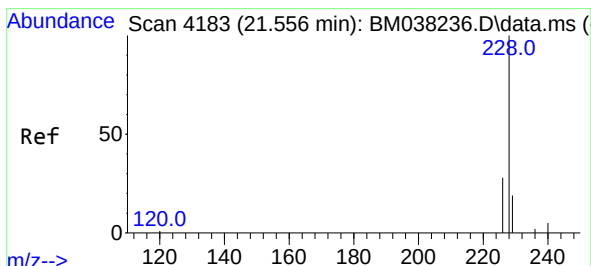
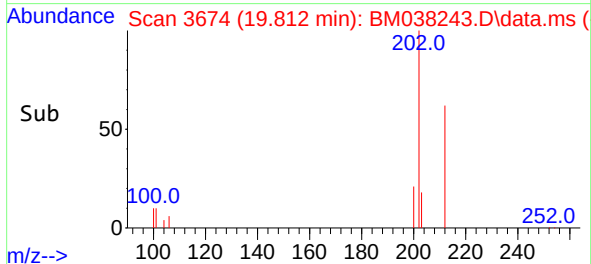
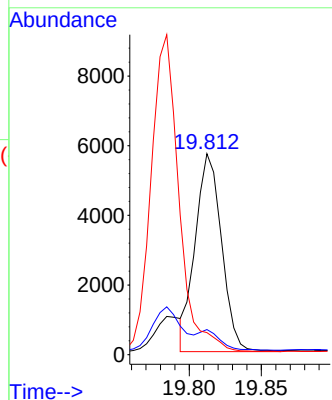
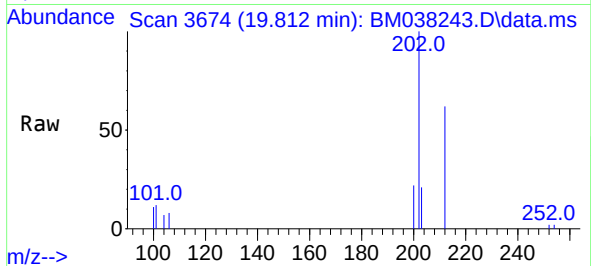
#20
Pyrene
Concen: 0.141 ng/ul m
RT: 19.812 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Instrument :
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ClientSampleId :
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Tgt Ion:	202	Resp:	724
Ion Ratio	Lower	Upper	
202	100		
101	12.5	8.9	13.3
100	11.0	7.4	11.0

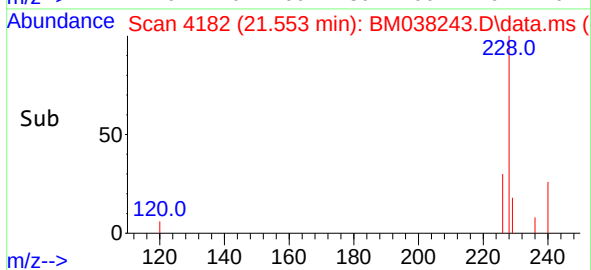
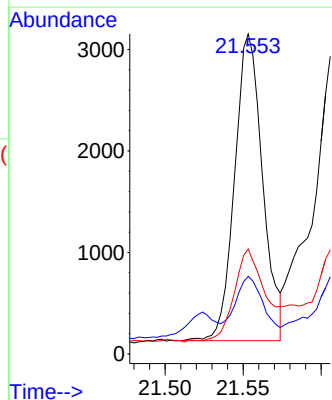
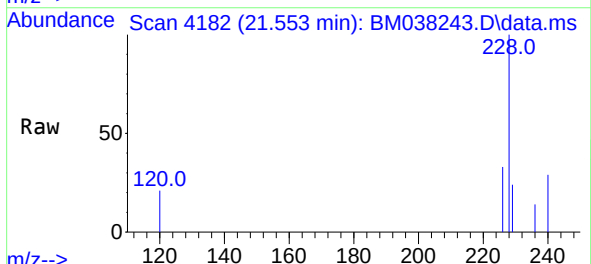
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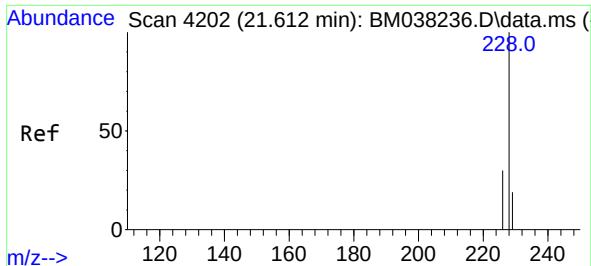
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#21
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

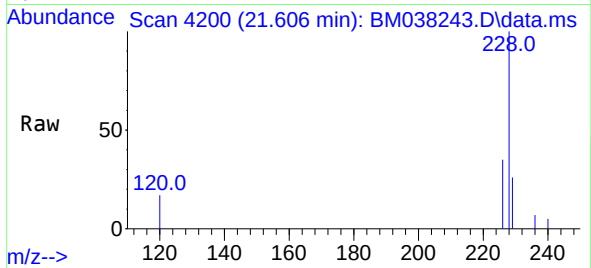
Tgt Ion:	228	Resp:	3770
Ion Ratio	Lower	Upper	
228	100		
229	24.3	15.5	23.3#
226	32.8	22.2	33.2





#22
Chrysene
Concen: 0.112 ng/ul
RT: 21.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

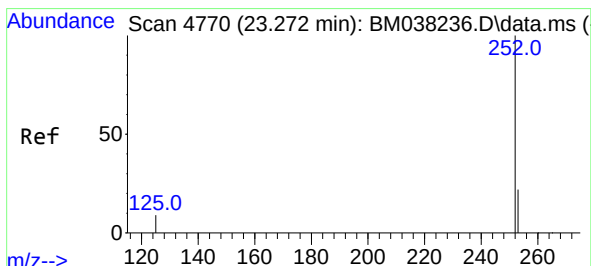
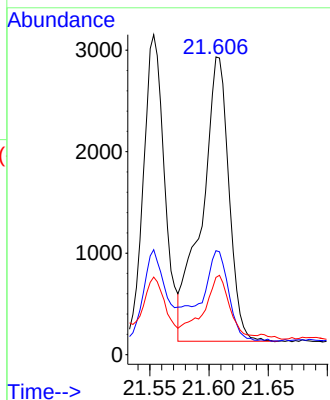
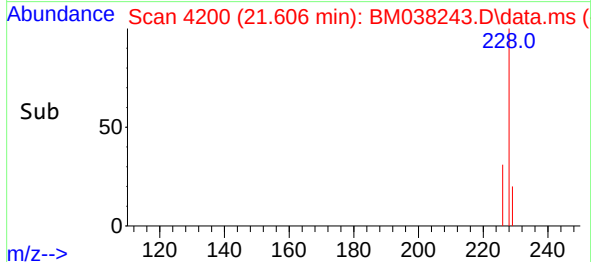
Instrument :
BNA_M
ClientSampleId :
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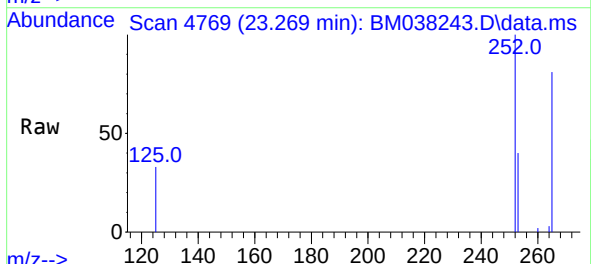
Tgt Ion:228 Resp: 446
Ion Ratio Lower Upper
228 100
226 34.9 25.0 37.4
229 25.9 16.0 24.0

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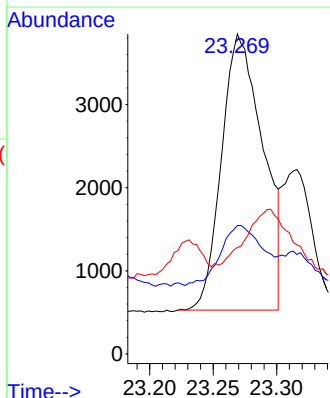
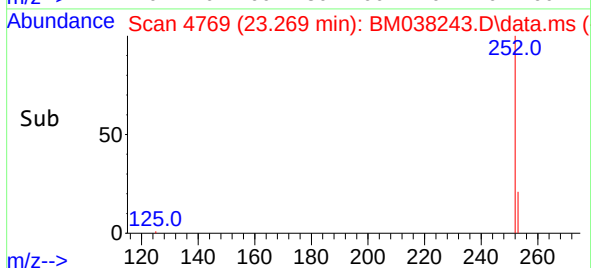
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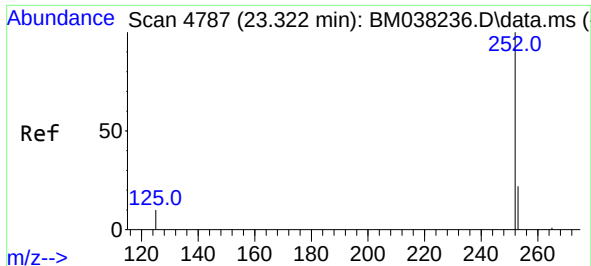


#24
Benzo(b)fluoranthene
Concen: 0.177 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33



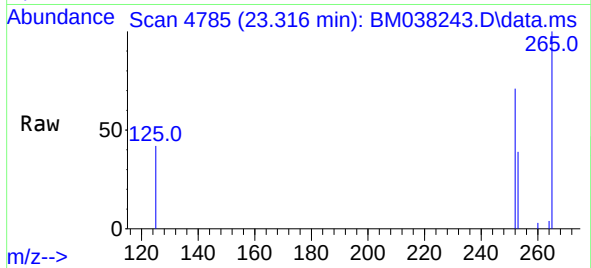
Tgt Ion:252 Resp: 7526
Ion Ratio Lower Upper
252 100
253 40.2 0.0 56.0
125 33.3 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.316 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

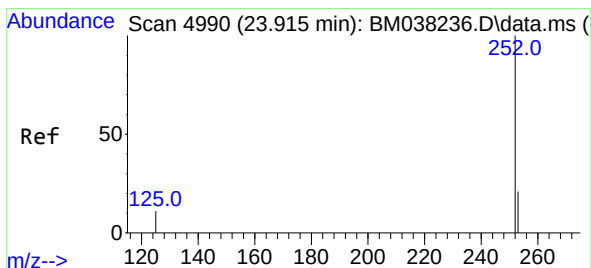
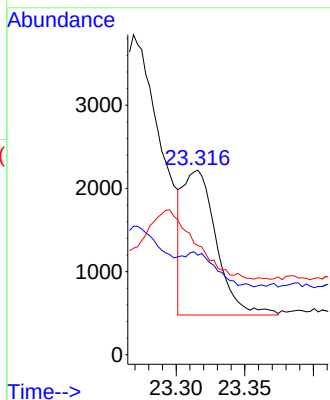
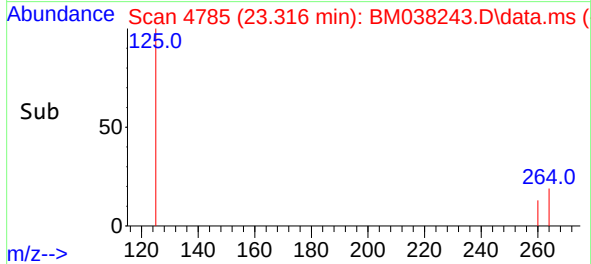
Instrument :
BNA_M
ClientSampleId :
DBXR9



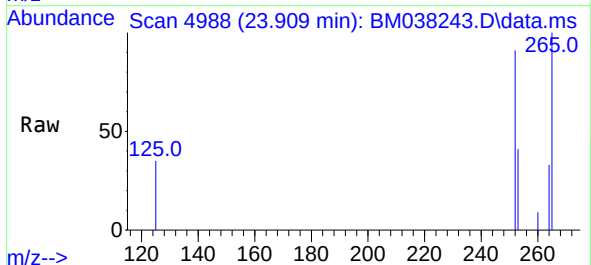
Tgt Ion:252 Resp: 2975
Ion Ratio Lower Upper
252 100
253 54.0 22.5 33.7
125 59.2 14.4 21.6

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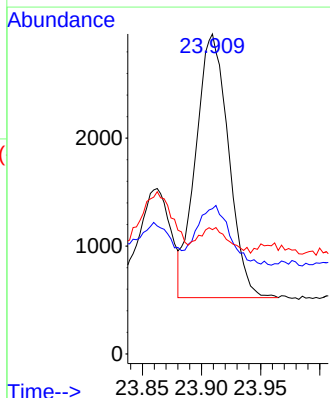
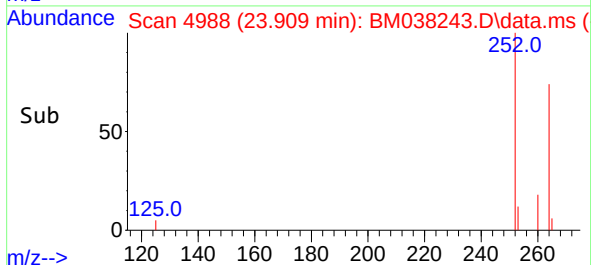
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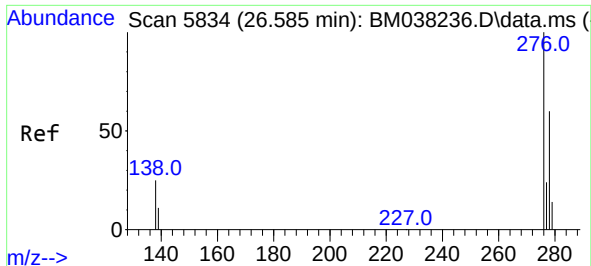


#26
Benzo(a)pyrene
Concen: 0.127 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33



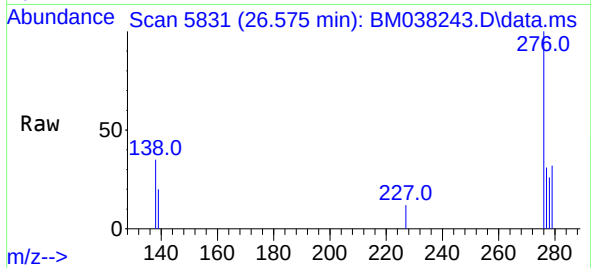
Tgt Ion:252 Resp: 4711
Ion Ratio Lower Upper
252 100
253 45.4 24.2 36.4#
125 38.8 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.078 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

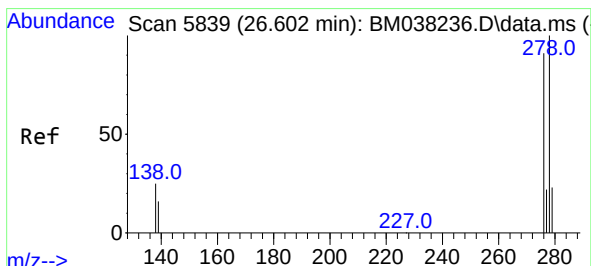
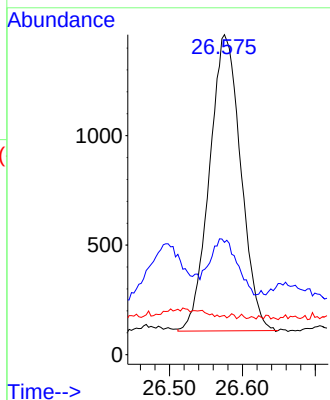
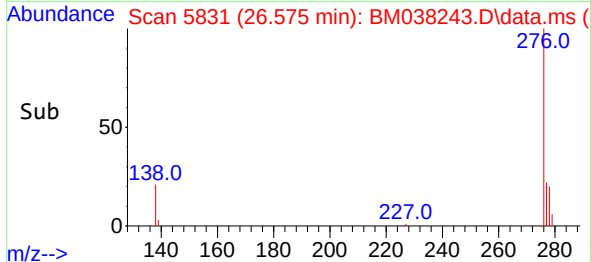
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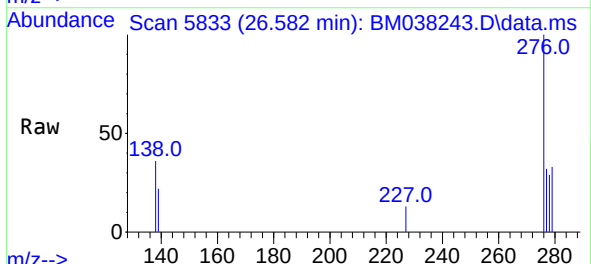
Tgt Ion:276 Resp: 4036
Ion Ratio Lower Upper
276 100
138 21.5 21.7 32.5#
227 0.2 0.0 0.0#

Manual Integrations
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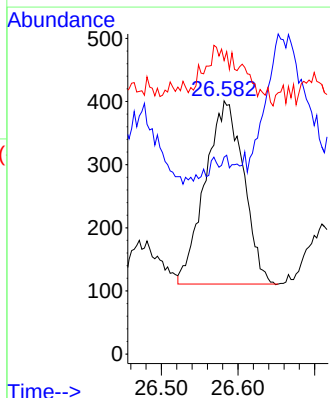
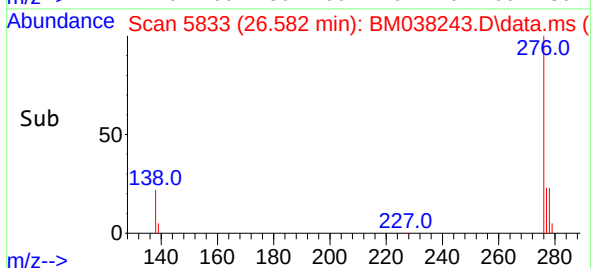
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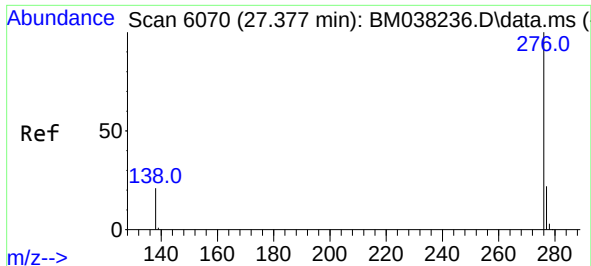


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. -0.013 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33



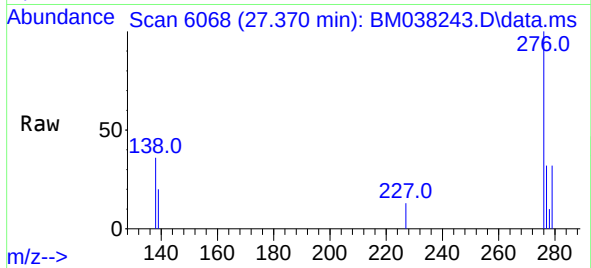
Tgt Ion:278 Resp: 1011
Ion Ratio Lower Upper
278 100
139 77.8 16.8 25.2#
279 116.0 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 27.370 min Scan# 6070
Delta R.T. 0.000 min
Lab File: BM038243.D
Acq: 23 Dec 2022 21:33

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 4154
Ion Ratio Lower Upper
276 100
138 36.2 20.8 31.2
277 32.5 20.5 30.7

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