

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038246.D
 Acq On : 23 Dec 2022 23:22
 Operator : CG/JU
 Sample : N6014-19
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS9

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 02:22:47 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	4081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12269	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	6907	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	13373	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	8398	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	8567	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20184	4.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	6133	0.340	ng/ul	-0.01
18) Fluoranthene-d10	19.417	212	11170	0.354	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.443	178	2741	0.061	ng/ul#	92
19) Fluoranthene	19.450	202	7361	0.160	ng/ul#	87
20) Pyrene	19.812	202	6256	0.135	ng/ul#	93
21) Benzo(a)anthracene	21.550	228	3615	0.098	ng/ul#	89
22) Chrysene	21.606	228	4166	0.116	ng/ul#	90
24) Benzo(b)fluoranthene	23.266	252	6970	0.184	ng/ul	70
25) Benzo(k)fluoranthene	23.313	252	2373m	0.065	ng/ul	
26) Benzo(a)pyrene	23.909	252	4704	0.142	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.575	276	4152	0.090	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.582	278	1047	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	27.367	276	4300	0.111	ng/ul#	84

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

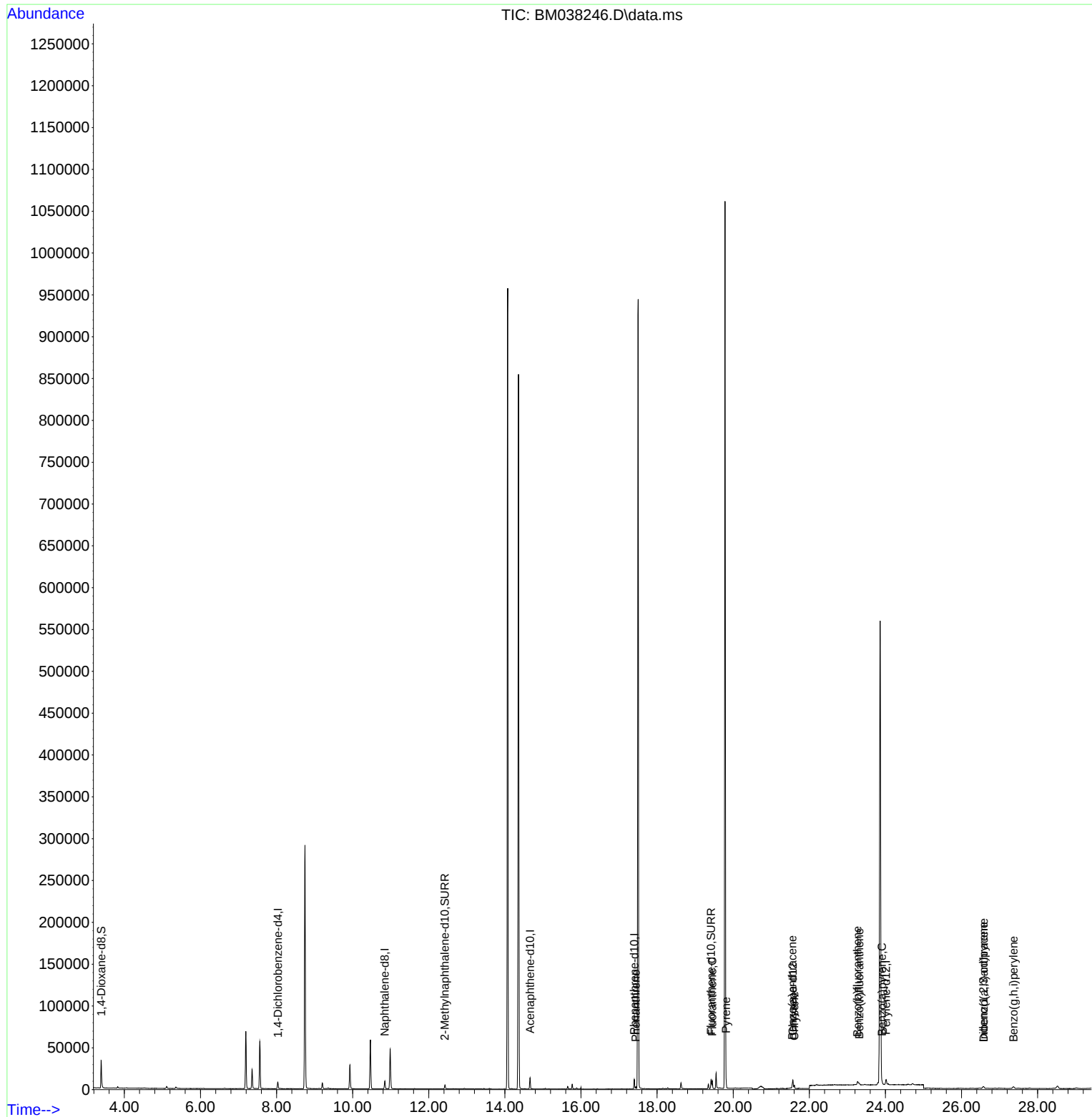
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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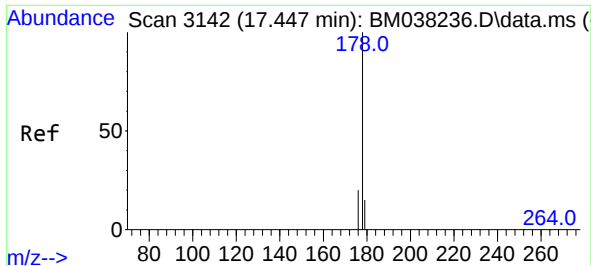
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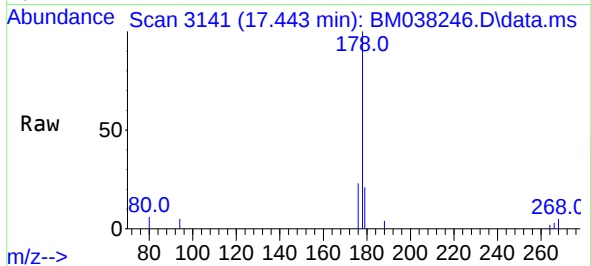
Quant Time: Dec 24 02:22:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#15
Phenanthrene
Concen: 0.061 ng/uI
RT: 17.443 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

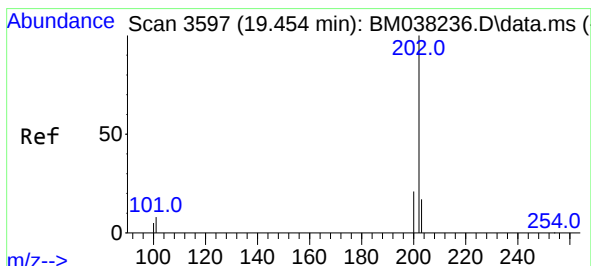
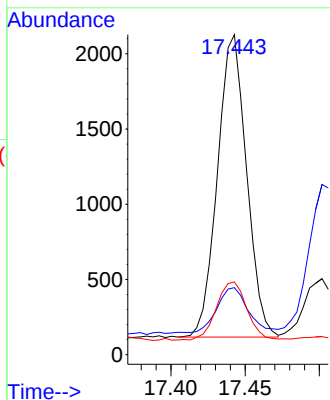
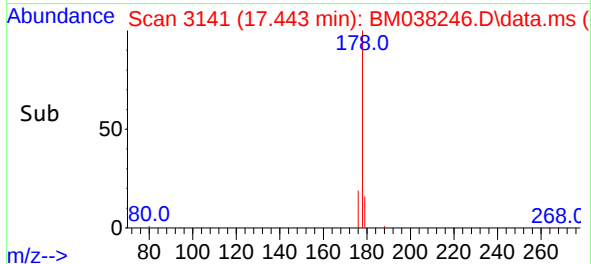
Instrument :
BNA_M
ClientSampleId :
DBXS9



Tgt Ion:178 Resp: 274
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.4#
176 22.8 16.2 24.4#

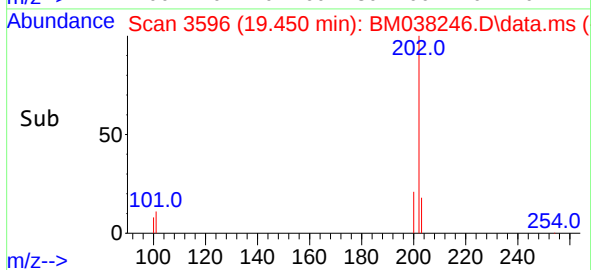
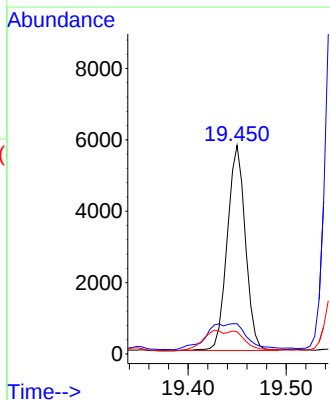
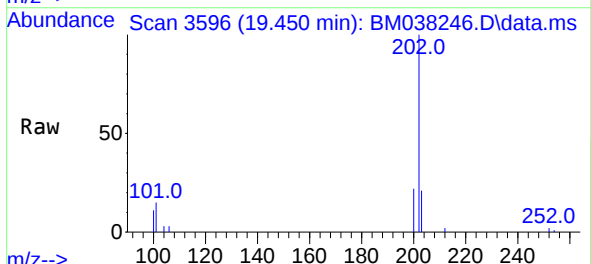
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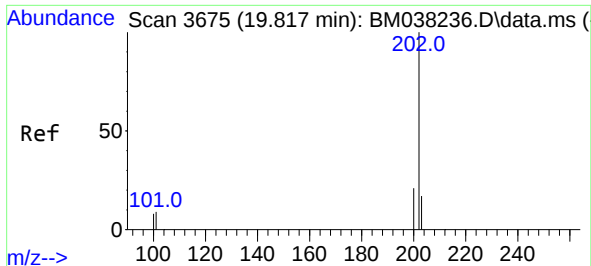
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#19
Fluoranthene
Concen: 0.160 ng/uI
RT: 19.450 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

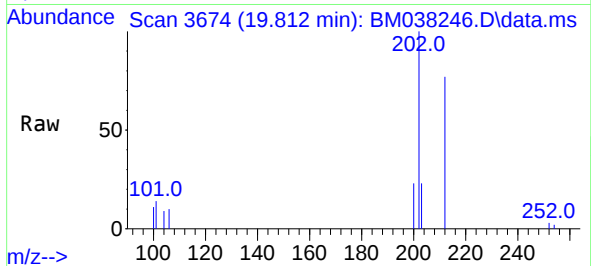
Tgt Ion:202 Resp: 7361
Ion Ratio Lower Upper
202 100
101 14.5 7.5 11.3#
100 10.6 5.6 8.4#





#20
Pyrene
Concen: 0.135 ng/ul
RT: 19.812 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

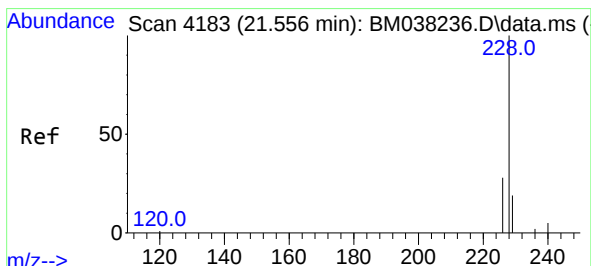
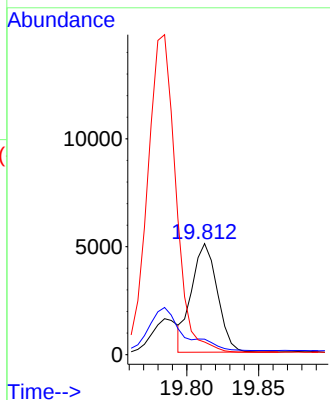
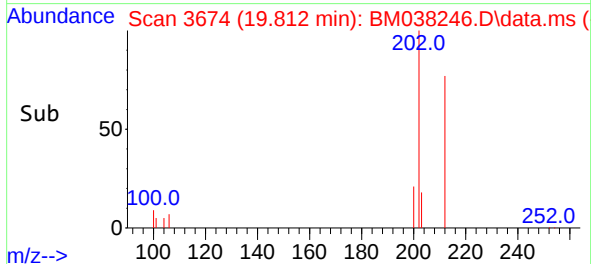
Instrument :
BNA_M
ClientSampleId :
DBXS9



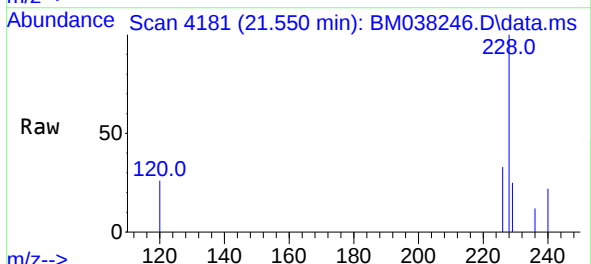
Tgt Ion:202 Resp: 6250
Ion Ratio Lower Upper
202 100
101 13.9 8.9 13.3
100 11.4 7.4 11.0

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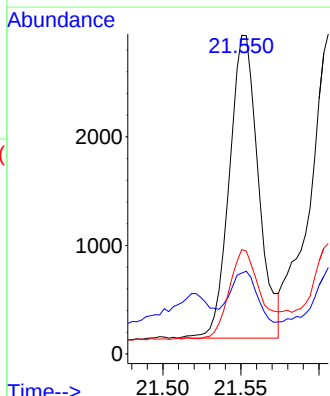
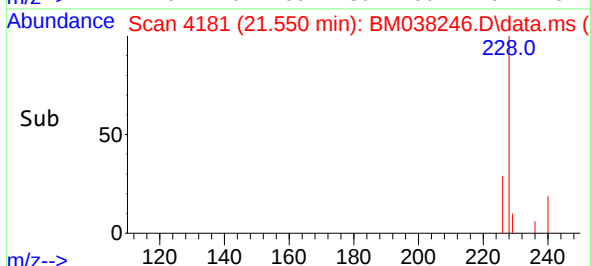
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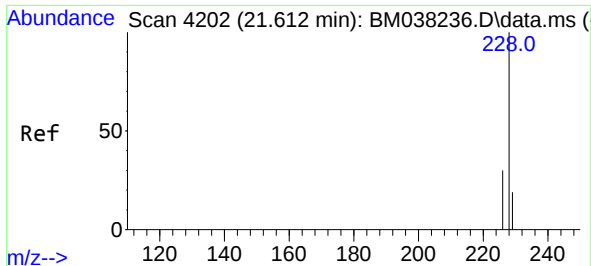


#21
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.550 min Scan# 4181
Delta R.T. -0.009 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22



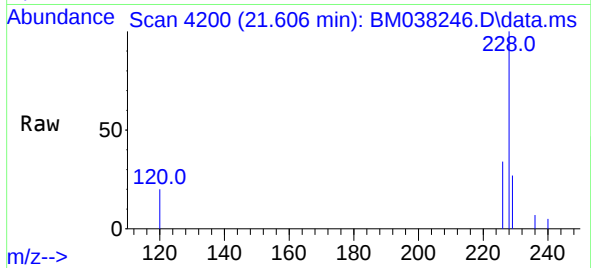
Tgt Ion:228 Resp: 3615
Ion Ratio Lower Upper
228 100
229 25.4 15.5 23.3
226 32.8 22.2 33.2





#22
Chrysene
Concen: 0.116 ng/ul
RT: 21.606 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

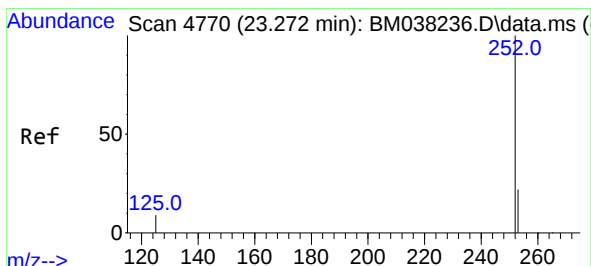
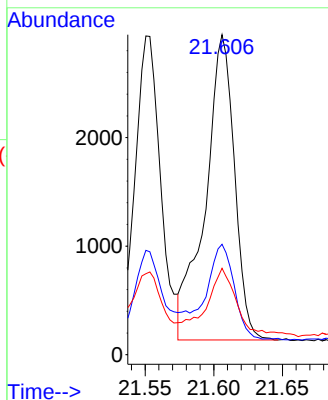
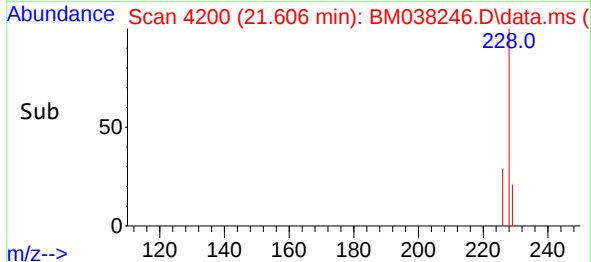
Instrument :
BNA_M
ClientSampleId :
DBXS9



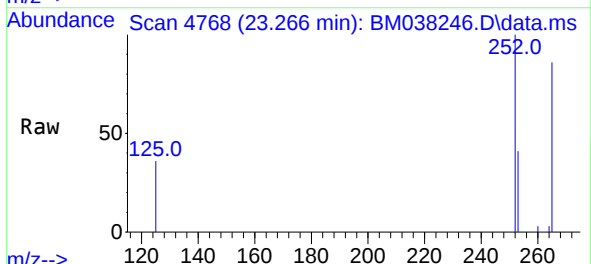
Tgt Ion:228 Resp: 4160
Ion Ratio Lower Upper
228 100
226 34.5 25.0 37.4
229 27.0 16.0 24.0

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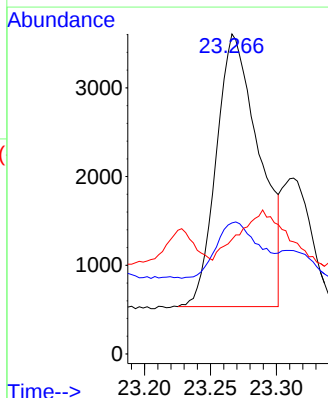
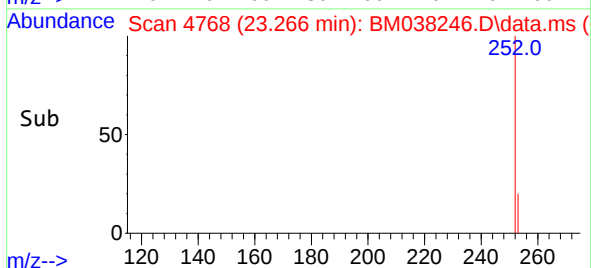
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Supervised By :Yogesh Patel 12/24/2022

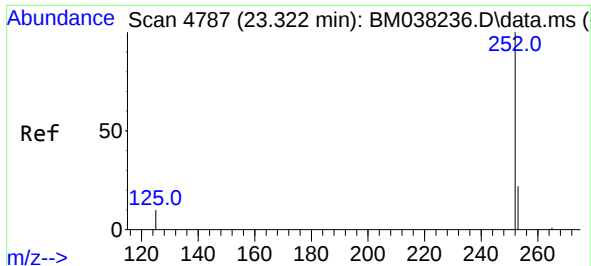


#24
Benzo(b)fluoranthene
Concen: 0.184 ng/ul
RT: 23.266 min Scan# 4768
Delta R.T. -0.006 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22



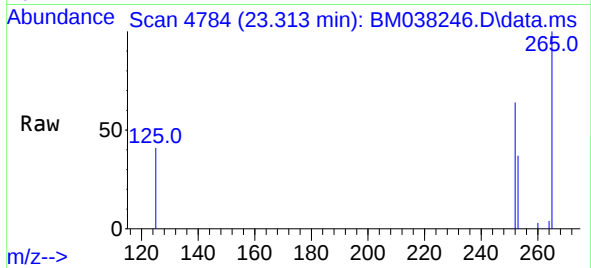
Tgt Ion:252 Resp: 6970
Ion Ratio Lower Upper
252 100
253 41.0 0.0 56.0
125 35.8 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.313 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

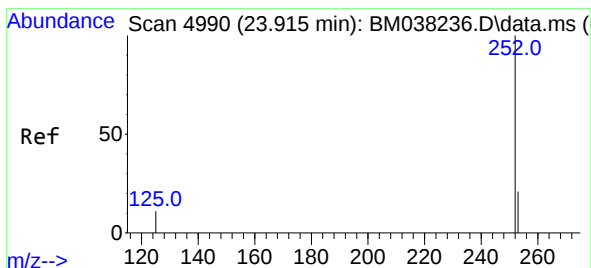
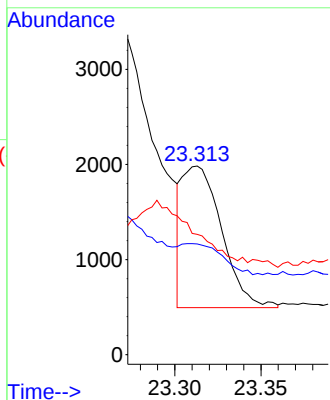
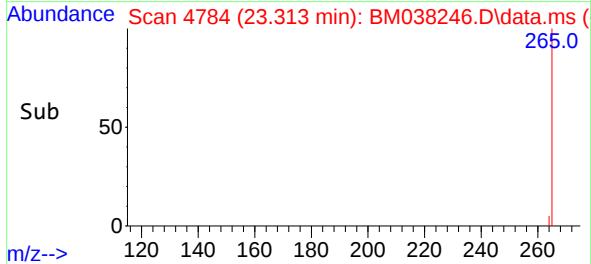
Instrument :
BNA_M
ClientSampleId :
DBXS9



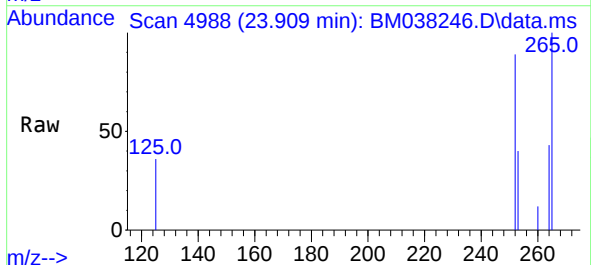
Tgt Ion:252 Resp: 237
Ion Ratio Lower Upper
252 100
253 58.7 22.5 33.7
125 63.8 14.4 21.6

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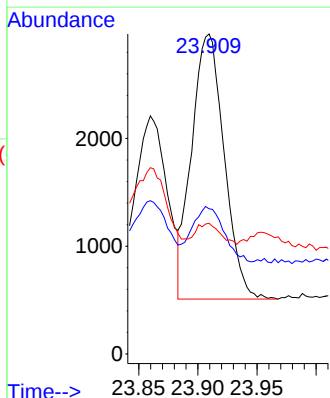
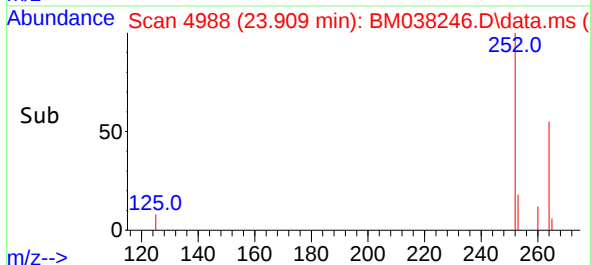
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

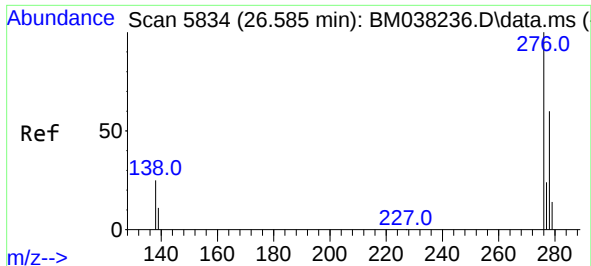


#26
Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22



Tgt Ion:252 Resp: 4704
Ion Ratio Lower Upper
252 100
253 45.4 24.2 36.4#
125 40.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.090 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.007 min

Lab File: BM038246.D

Acq: 23 Dec 2022 23:22

Instrument :

BNA_M

ClientSampleId :

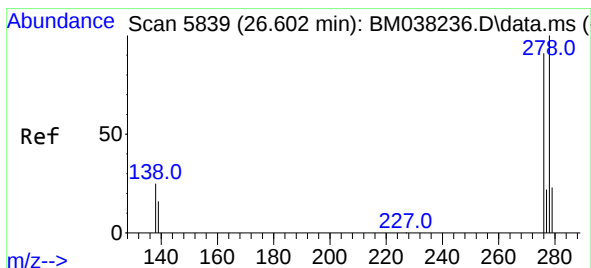
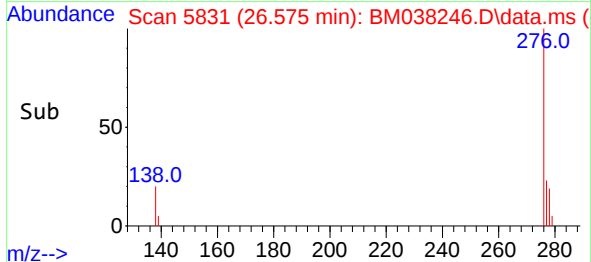
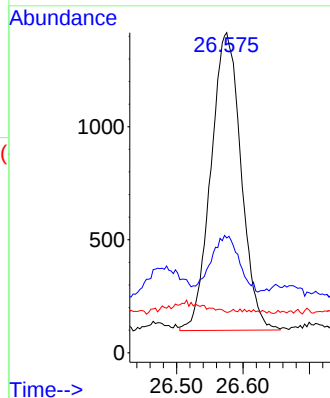
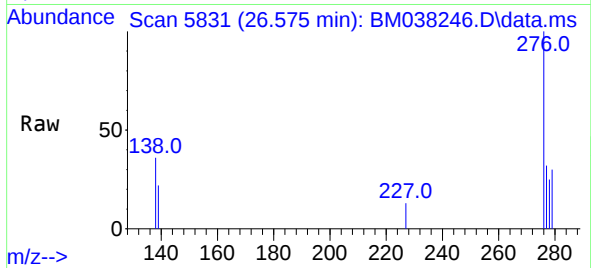
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Tgt Ion:	276	Resp:	415
Ion Ratio	Lower	Upper	
276	100		
138	21.2	21.7	32.5
227	0.1	0.0	0.0

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

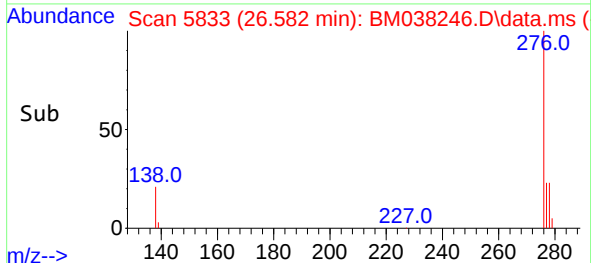
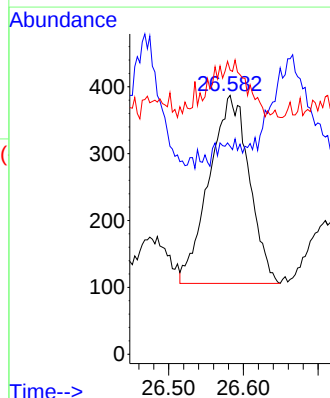
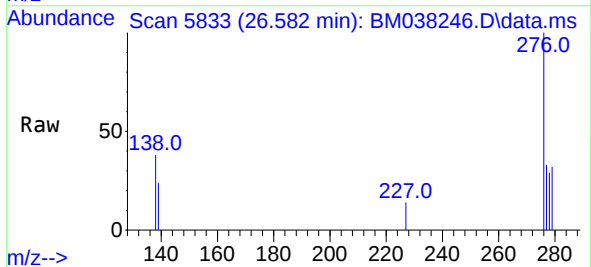
RT: 26.582 min Scan# 5833

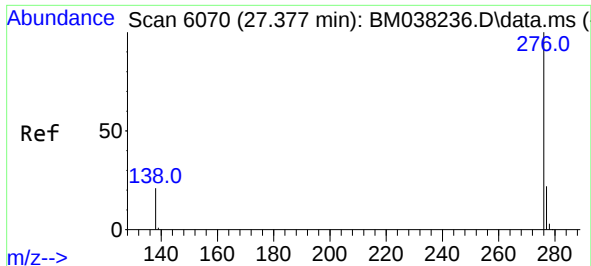
Delta R.T. -0.013 min

Lab File: BM038246.D

Acq: 23 Dec 2022 23:22

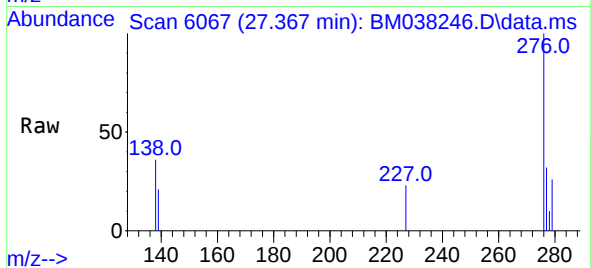
Tgt Ion:	278	Resp:	1047
Ion Ratio	Lower	Upper	
278	100		
139	80.4	16.8	25.2#
279	109.8	23.4	35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 27.367 min Scan# 6067
Delta R.T. -0.003 min
Lab File: BM038246.D
Acq: 23 Dec 2022 23:22

Instrument :
BNA_M
ClientSampleId :
DBXS9



Tgt Ion:276 Resp: 4300
Ion Ratio Lower Upper
276 100
138 35.7 20.8 31.2
277 31.7 20.5 30.7

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