

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038249.D
 Acq On : 24 Dec 2022 01:10
 Operator : CG/JU
 Sample : N6014-07DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR8DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 02:31:41 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	4460	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.845	136	13121	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.662	164	7328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	14046	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8506	0.400	ng/ul	# 0.00
23) Perylene-d12	24.018	264	8997	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	5526	1.218	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	1482	0.077	ng/ul	-0.01
18) Fluoranthene-d10	19.422	212	2546	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.384	152	1358	0.034	ng/ul#	82
15) Phenanthrene	17.439	178	4327	0.092	ng/ul	95
16) Anthracene	17.531	178	1956	0.043	ng/ul#	86
19) Fluoranthene	19.450	202	11737	0.252	ng/ul	97
20) Pyrene	19.813	202	19057m	0.405	ng/ul	
21) Benzo(a)anthracene	21.553	228	7998	0.214	ng/ul#	89
22) Chrysene	21.609	228	8527	0.235	ng/ul#	94
24) Benzo(b)fluoranthene	23.269	252	13541	0.340	ng/ul	87
25) Benzo(k)fluoranthene	23.316	252	4360m	0.114	ng/ul	
26) Benzo(a)pyrene	23.909	252	7303	0.210	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.575	276	5264	0.109	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.582	278	1340	0.036	ng/ul#	1
29) Benzo(g,h,i)perylene	27.370	276	5089	0.125	ng/ul#	86

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

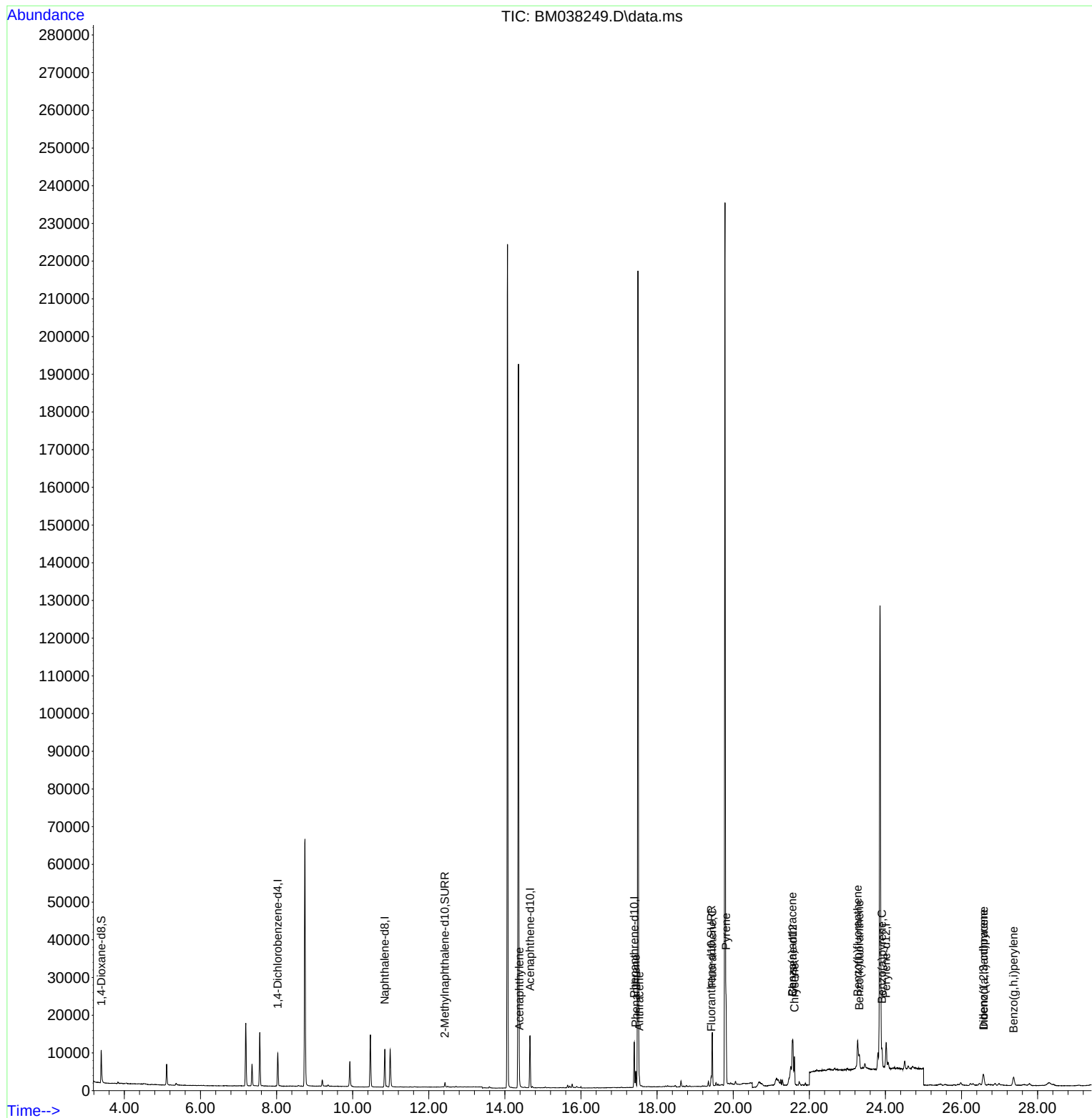
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038249.D
Acq On : 24 Dec 2022 01:10
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ALS Vial : 56 Sample Multiplier: 1

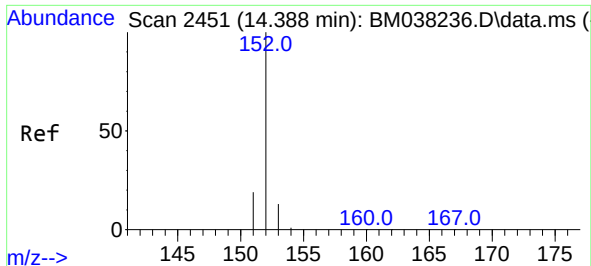
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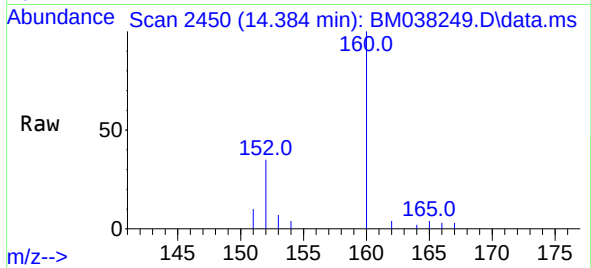
Quant Time: Dec 24 02:31:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 14.384 min Scan# 2451
Delta R.T. -0.004 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

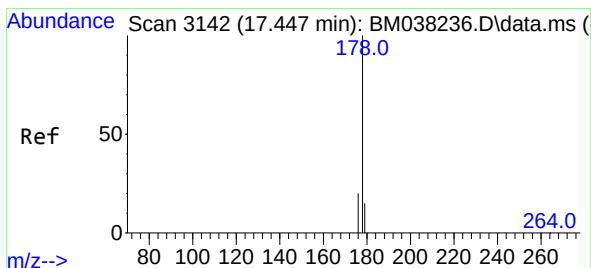
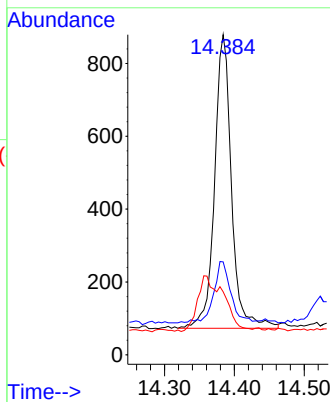
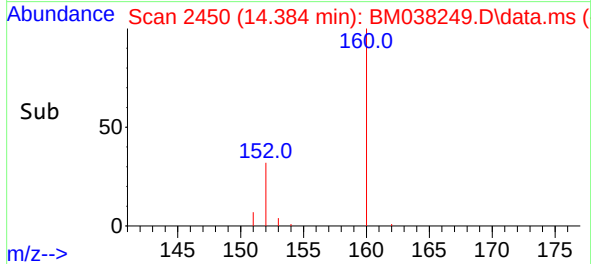
Instrument :
BNA_M
ClientSampleId :
DBXR8DL



Tgt Ion:152 Resp: 1358
Ion Ratio Lower Upper
152 100
151 29.0 16.2 24.2
153 19.7 10.7 16.1

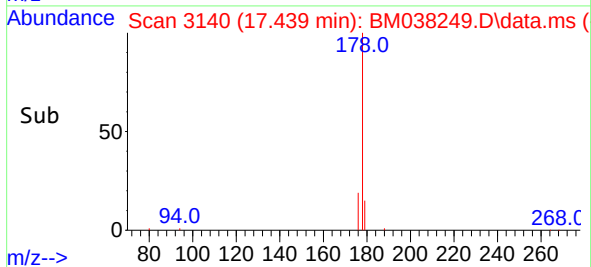
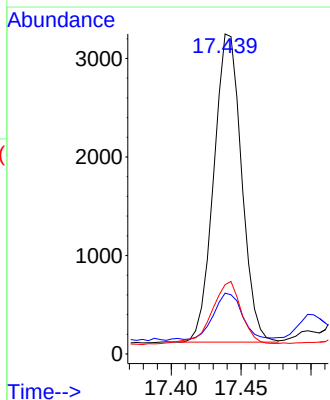
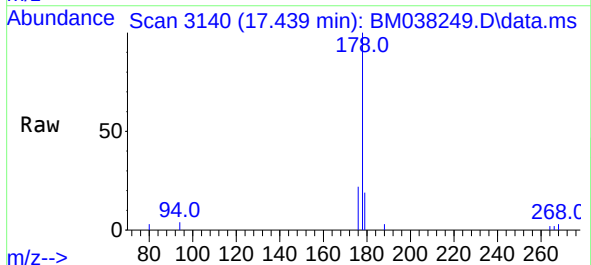
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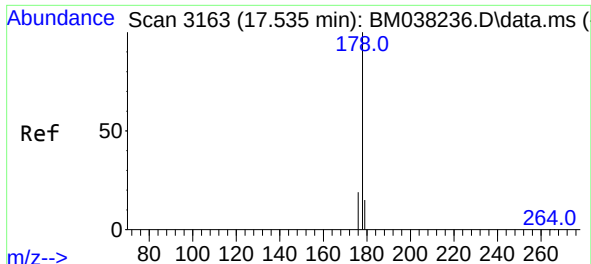
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

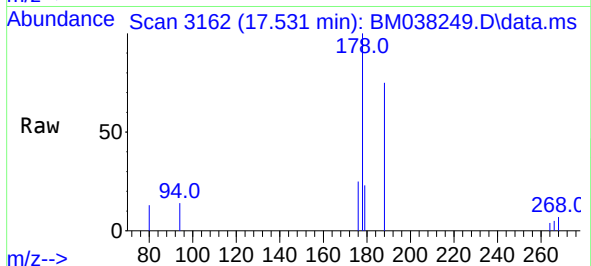
Tgt Ion:178 Resp: 4327
Ion Ratio Lower Upper
178 100
179 19.0 13.0 19.4
176 21.7 16.2 24.4





#16
 Anthracene
 Concen: 0.043 ng/ul
 RT: 17.531 min Scan# 3163
 Delta R.T. -0.008 min
 Lab File: BM038249.D
 Acq: 24 Dec 2022 01:10

Instrument :
 BNA_M
 ClientSampleId :
 DBXR8DL

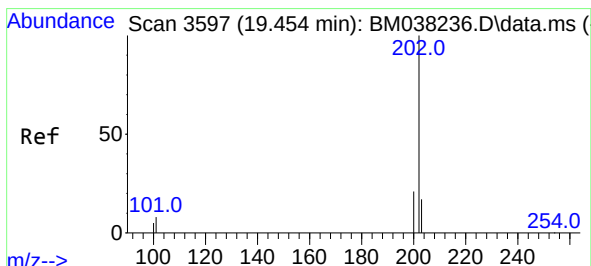
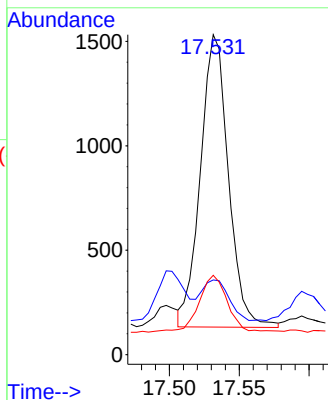
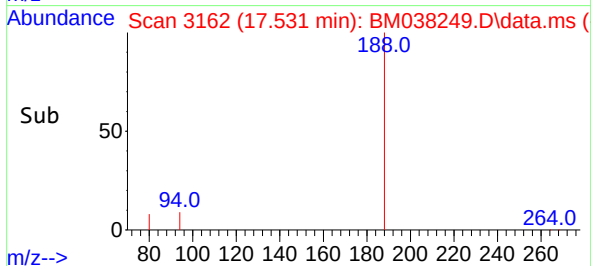


Tgt Ion:178 Resp: 1950

Ion	Ratio	Lower	Upper
178	100		
179	23.4	13.0	19.6
176	24.8	15.6	23.4

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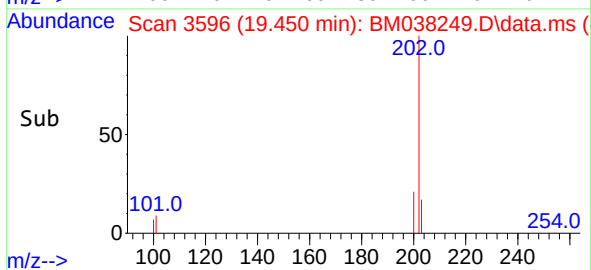
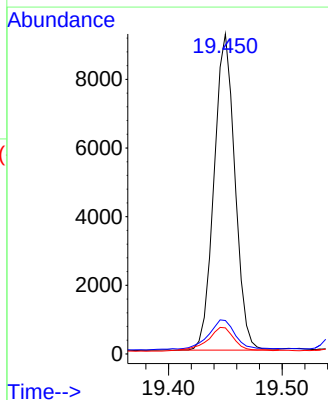
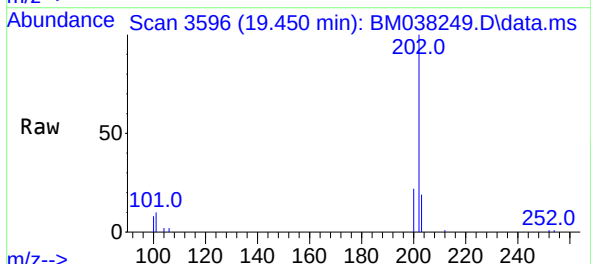
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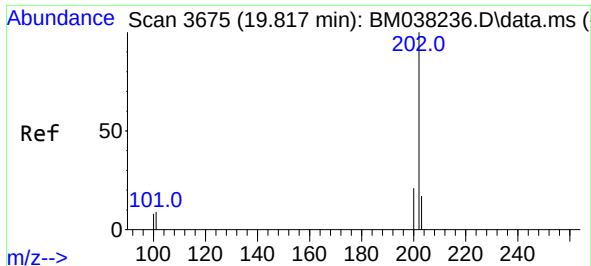


#19
 Fluoranthene
 Concen: 0.252 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. -0.004 min
 Lab File: BM038249.D
 Acq: 24 Dec 2022 01:10

Tgt Ion:202 Resp: 11737

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.5	11.3
100	8.2	5.6	8.4





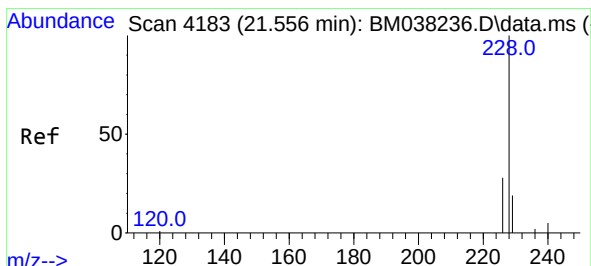
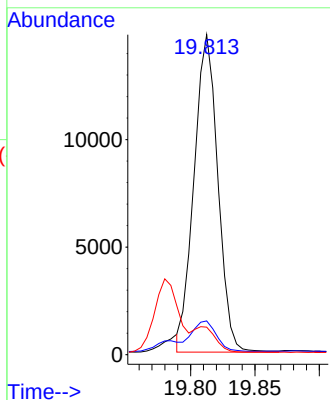
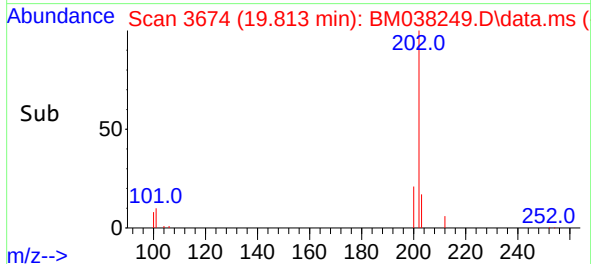
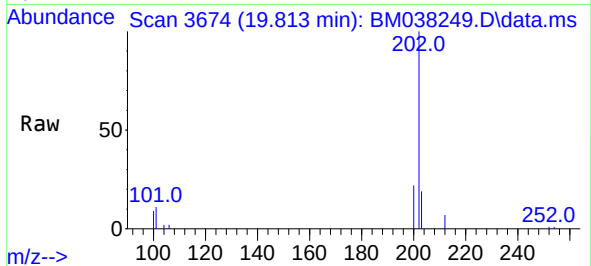
#20
Pyrene
Concen: 0.405 ng/ul m
RT: 19.813 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

Instrument :
BNA_M
ClientSampleId :
DBXR8DL

Tgt Ion:202 Resp: 1905
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 8.6 7.4 11.0

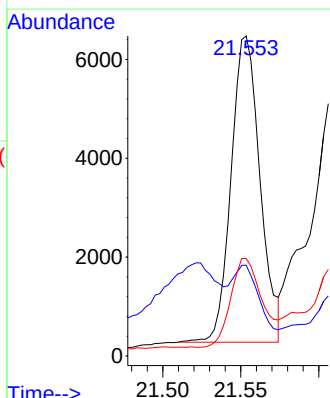
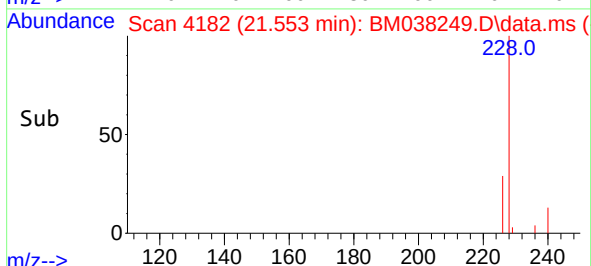
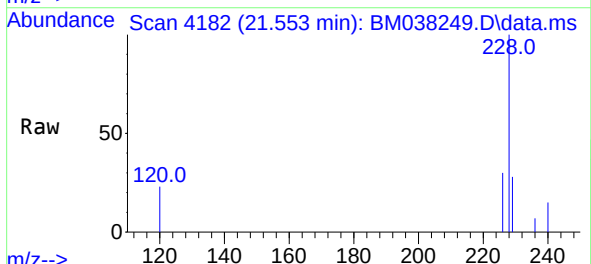
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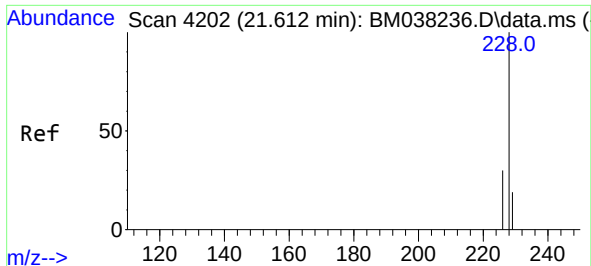
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#21
Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

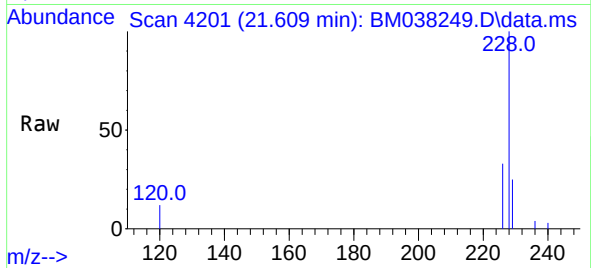
Tgt Ion:228 Resp: 7998
Ion Ratio Lower Upper
228 100
229 28.4 15.5 23.3#
226 30.5 22.2 33.2





#22
Chrysene
Concen: 0.235 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

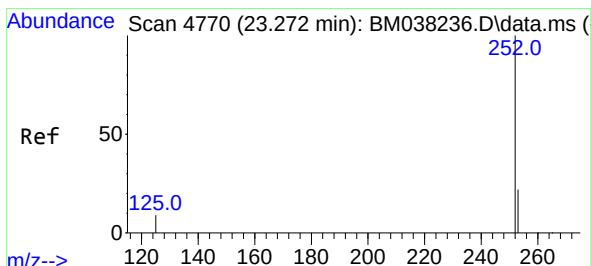
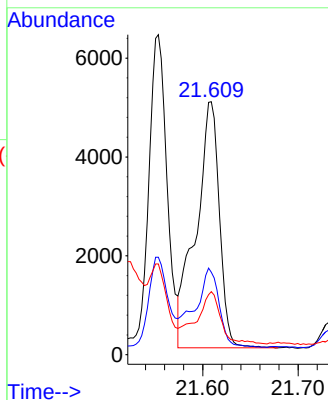
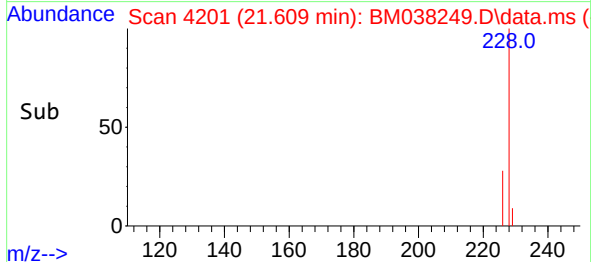
Instrument :
BNA_M
ClientSampleId :
DBXR8DL



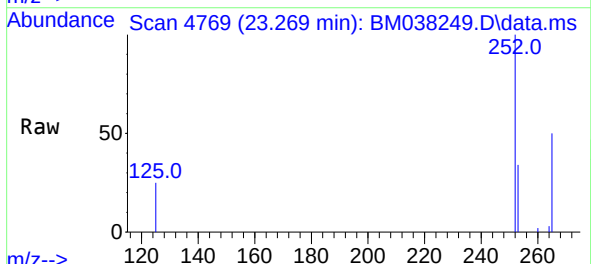
Tgt Ion:228 Resp: 852
Ion Ratio Lower Upper
228 100
226 32.6 25.0 37.4
229 24.9 16.0 24.0

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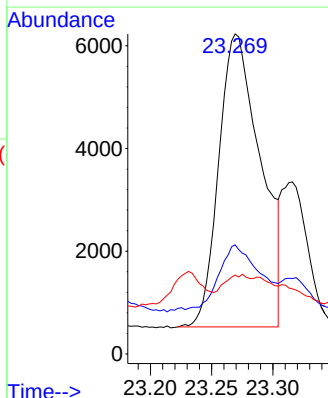
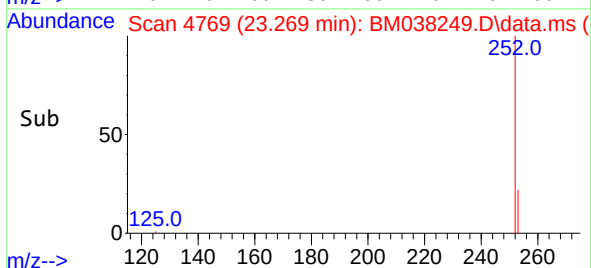
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

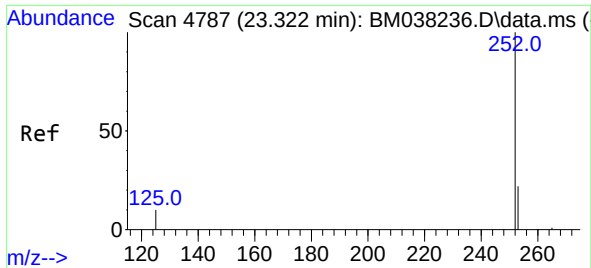


#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.269 min Scan# 4769
Delta R.T. -0.003 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10



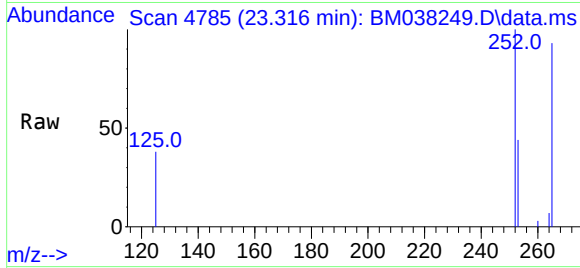
Tgt Ion:252 Resp: 13541
Ion Ratio Lower Upper
252 100
253 34.1 0.0 56.0
125 24.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.316 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

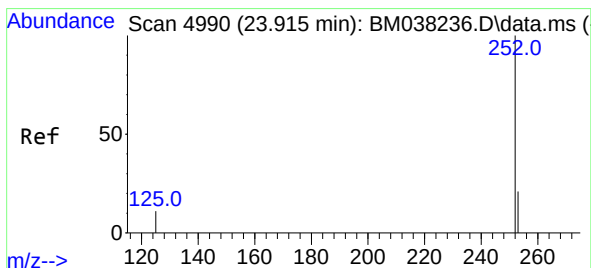
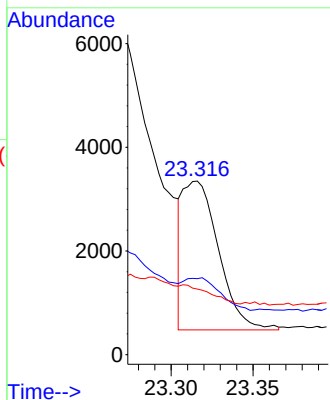
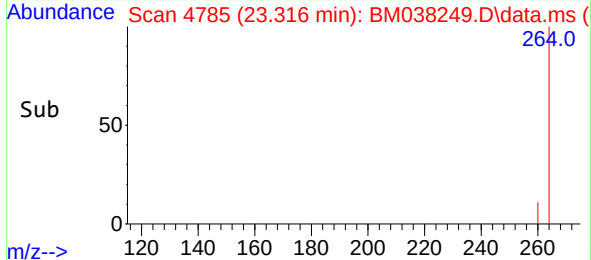
Instrument :
BNA_M
ClientSampleId :
DBXR8DL



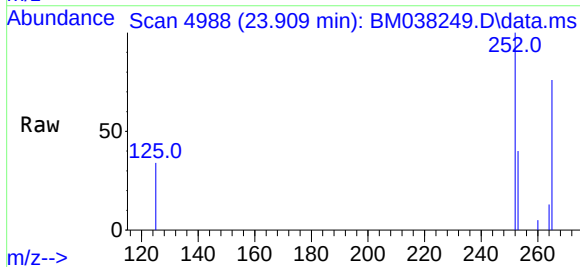
Tgt Ion:252 Resp: 4360
Ion Ratio Lower Upper
252 100
253 43.8 22.5 33.7
125 37.8 14.4 21.6

Manual Integrations
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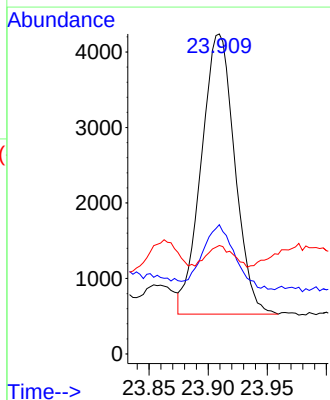
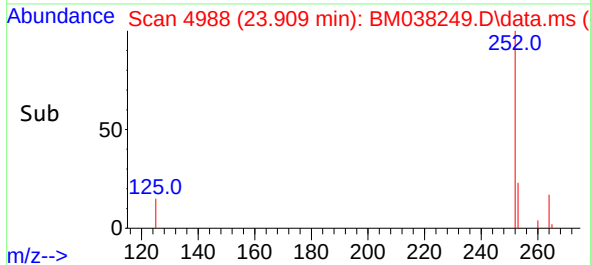
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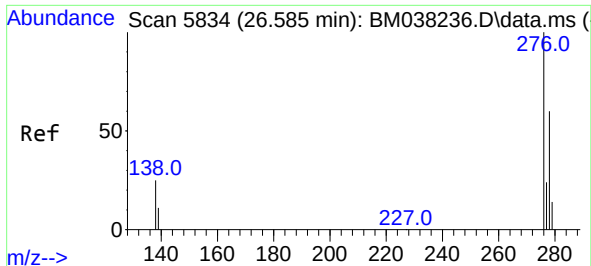


#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10



Tgt Ion:252 Resp: 7303
Ion Ratio Lower Upper
252 100
253 40.4 24.2 36.4#
125 33.9 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.575 min Scan# 5834
Delta R.T. -0.006 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

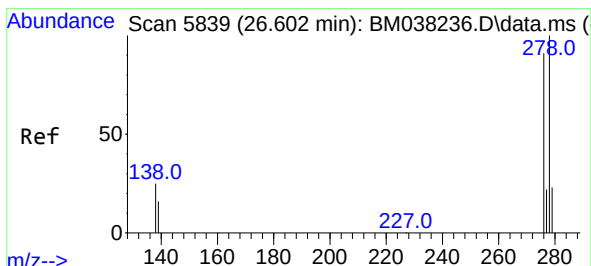
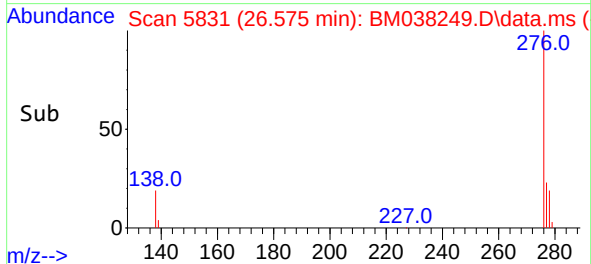
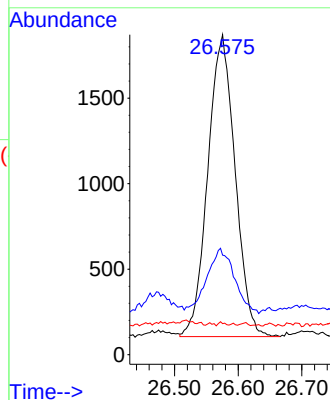
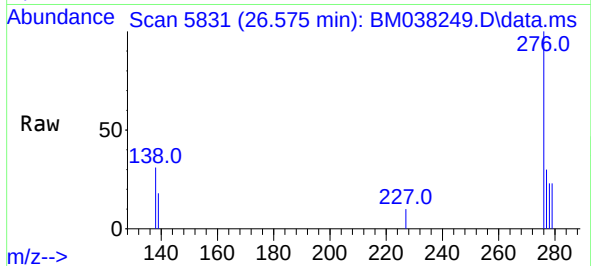
DBXR8DL

Tgt Ion:276 Resp: 5264
Ion Ratio Lower Upper
276 100
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227 0.3 0.0 0.0

Manual Integrations

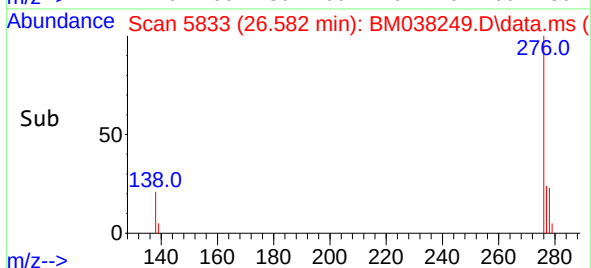
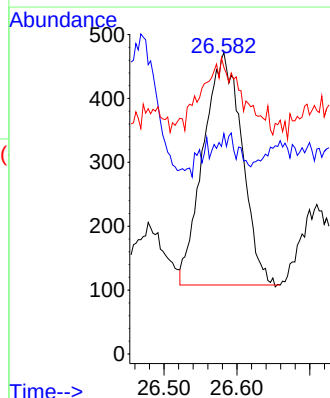
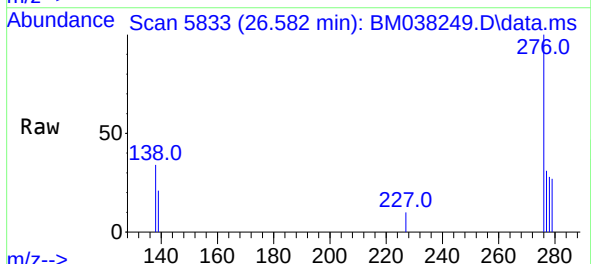
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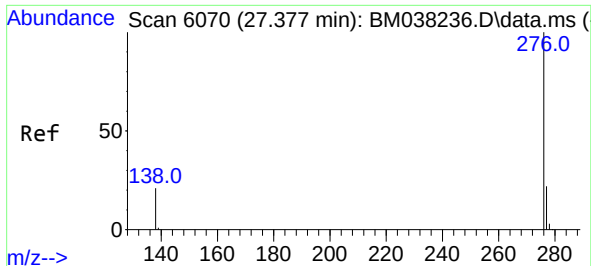
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. -0.013 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

Tgt Ion:278 Resp: 1340
Ion Ratio Lower Upper
278 100
139 73.1 16.8 25.2#
279 95.1 23.4 35.2#





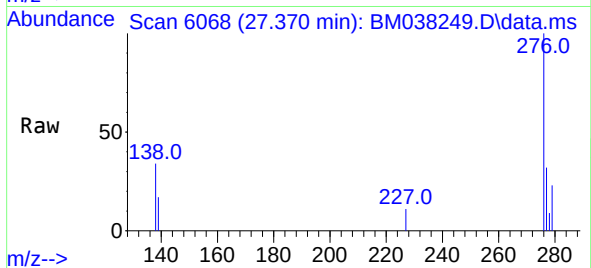
#29
Benzo(g,h,i)perylene
Concen: 0.125 ng/ul
RT: 27.370 min Scan# 6070
Delta R.T. 0.000 min
Lab File: BM038249.D
Acq: 24 Dec 2022 01:10

Instrument :

BNA_M

ClientSampleId :

DBXR8DL



Tgt Ion:276 Resp: 5089
Ion Ratio Lower Upper
276 100
138 34.1 20.8 31.2
277 31.5 20.5 30.7

Manual Integrations

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Supervised By :Yogesh Patel 12/24/2022

