

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038239.D
 Acq On : 23 Dec 2022 19:08
 Operator : CG/JU
 Sample : N6014-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR4

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:24:23 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	4004	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	11912	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	6540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.404	188	12853	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	7789	0.400	ng/ul	# 0.00
23) Perylene-d12	24.020	264	8027	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13404	3.291	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	3629	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	6325	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.388	152	1054	0.029	ng/ul#	75
14) Pentachlorophenol	17.058	266	165	0.026	ng/ul	92
15) Phenanthrene	17.442	178	3765	0.088	ng/ul	94
19) Fluoranthene	19.454	202	10338	0.242	ng/ul#	95
20) Pyrene	19.817	202	8331m	0.193	ng/ul	
21) Benzo(a)anthracene	21.556	228	4233	0.124	ng/ul#	88
22) Chrysene	21.609	228	4500	0.135	ng/ul#	90
24) Benzo(b)fluoranthene	23.272	252	6317	0.178	ng/ul#	63
25) Benzo(k)fluoranthene	23.316	252	2584m	0.076	ng/ul	
26) Benzo(a)pyrene	23.909	252	4243	0.137	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.585	276	3471	0.081	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.595	278	936	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.373	276	3404	0.094	ng/ul#	81

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

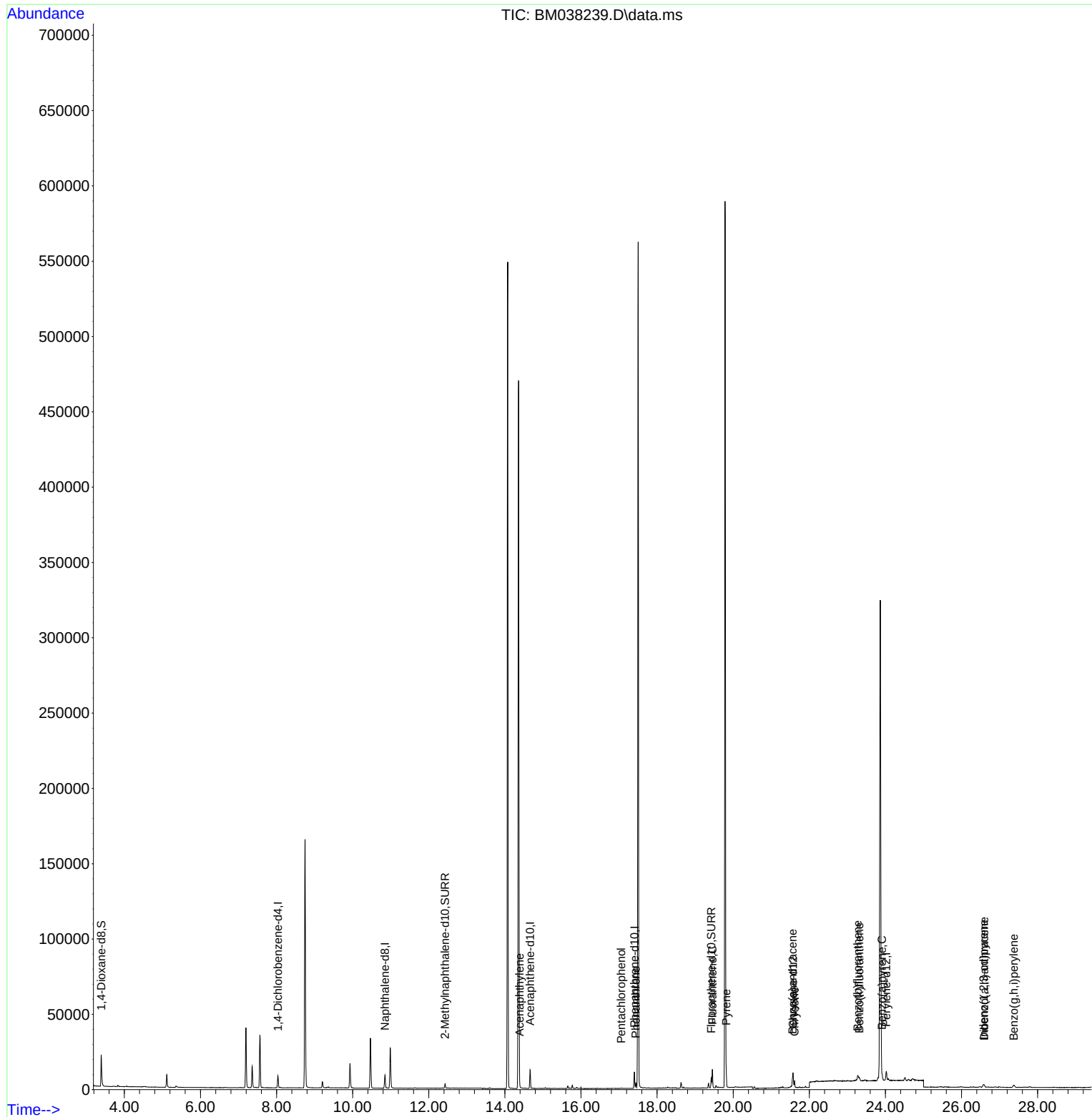
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038239.D
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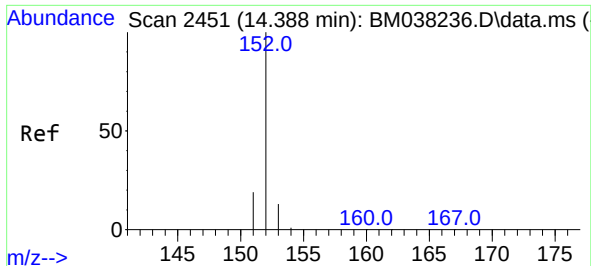
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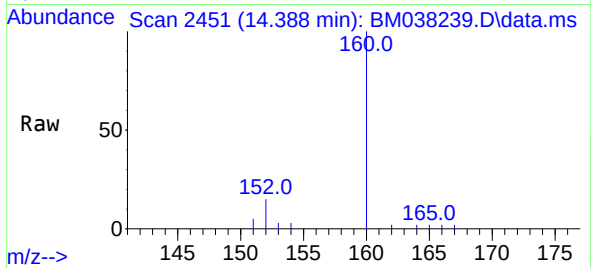
Quant Time: Dec 23 23:24:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

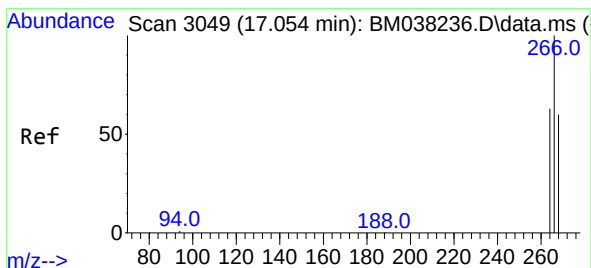
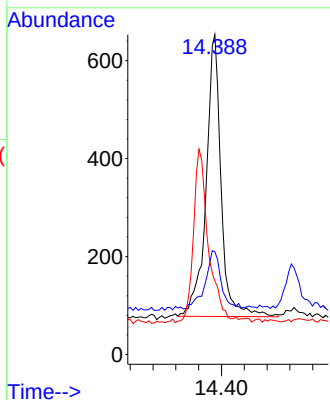
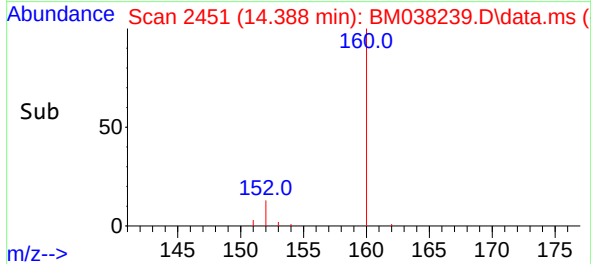
Instrument :
BNA_M
ClientSampleId :
DBXR4



Tgt Ion:152 Resp: 1054
Ion Ratio Lower Upper
152 100
151 32.2 16.2 24.2
153 23.0 10.7 16.1

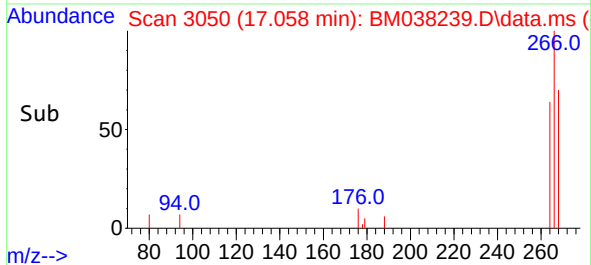
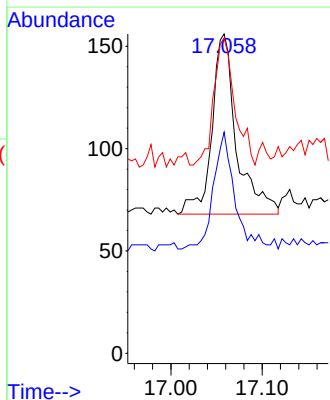
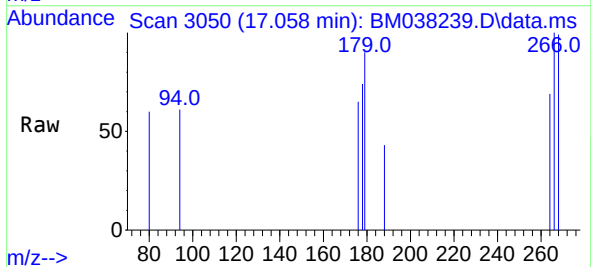
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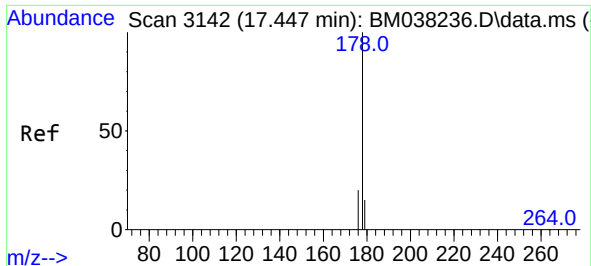
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 17.058 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

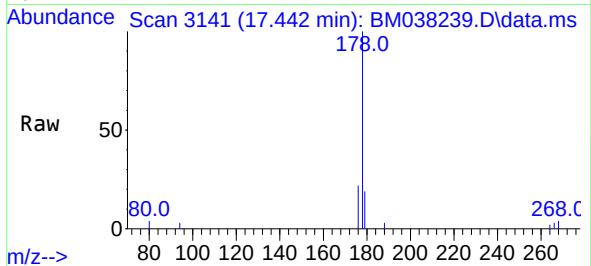
Tgt Ion:266 Resp: 165
Ion Ratio Lower Upper
266 100
264 55.2 49.9 74.9
268 59.4 51.2 76.8





#15
Phenanthrene
Concen: 0.088 ng/u1
RT: 17.442 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

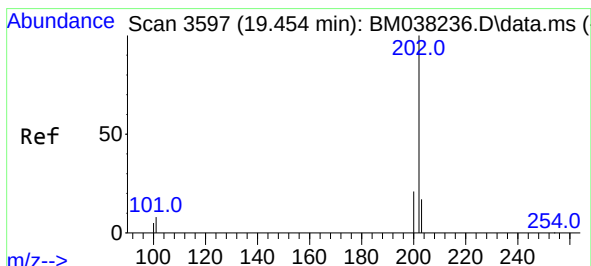
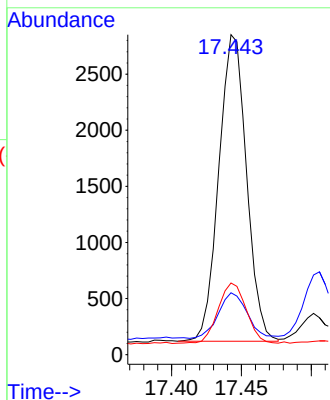
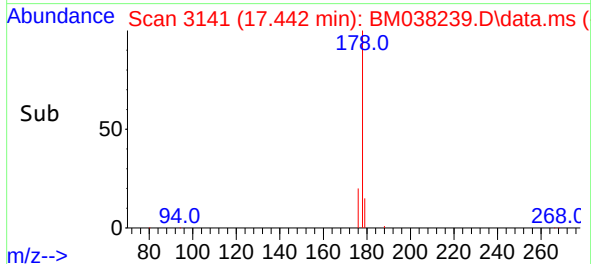
Instrument :
BNA_M
ClientSampleId :
DBXR4



Tgt Ion:178 Resp: 376
Ion Ratio Lower Upper
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179 19.3 13.0 19.4
176 22.4 16.2 24.4

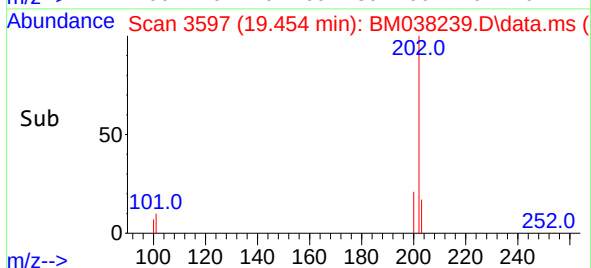
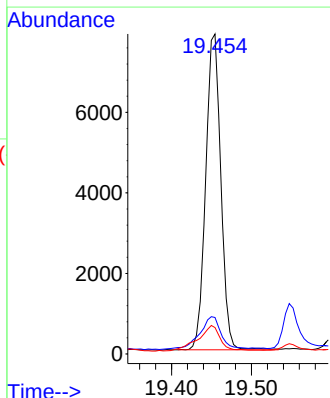
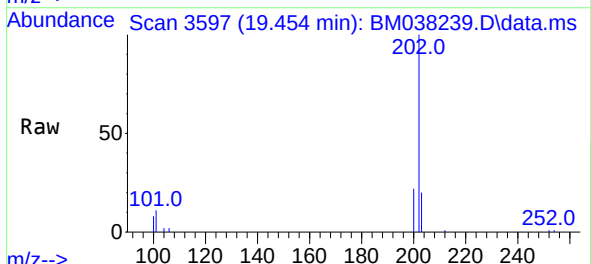
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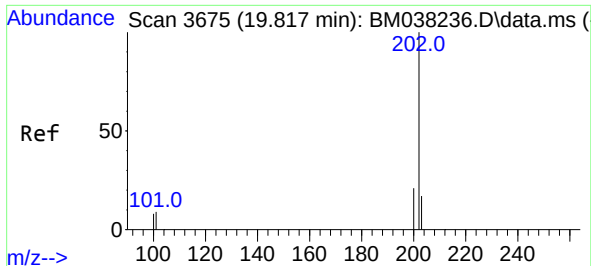
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Supervised By :Yogesh Patel 12/24/2022



#19
Fluoranthene
Concen: 0.242 ng/u1
RT: 19.454 min Scan# 3597
Delta R.T. -0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Tgt Ion:202 Resp: 10338
Ion Ratio Lower Upper
202 100
101 11.4 7.5 11.3#
100 8.3 5.6 8.4





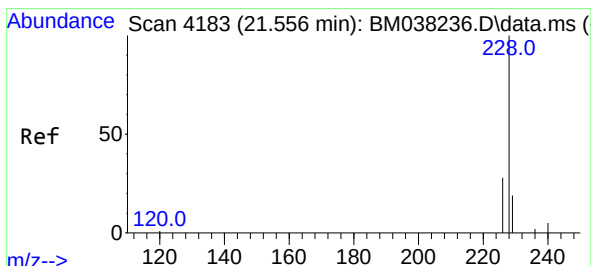
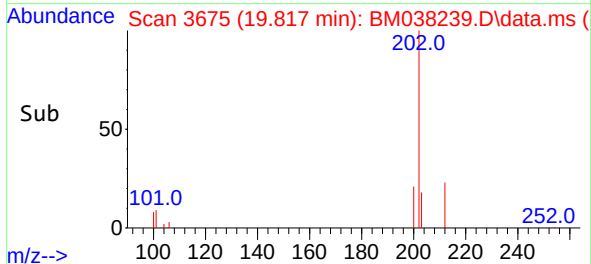
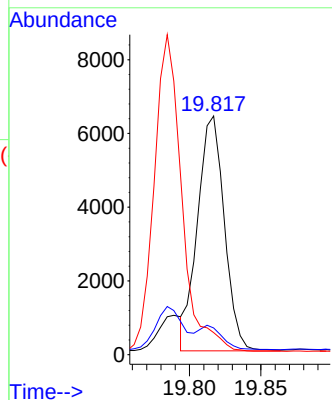
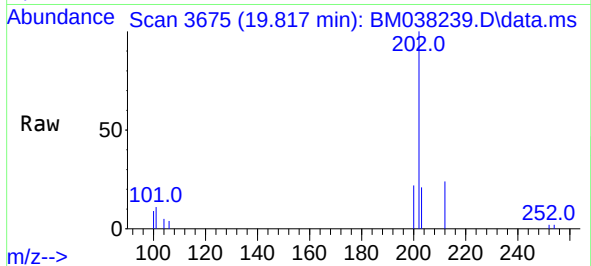
#20
Pyrene
Concen: 0.193 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 833
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 9.3 7.4 11.0

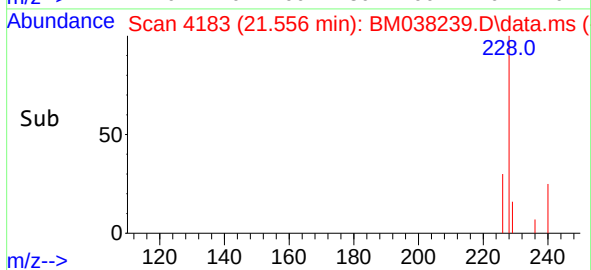
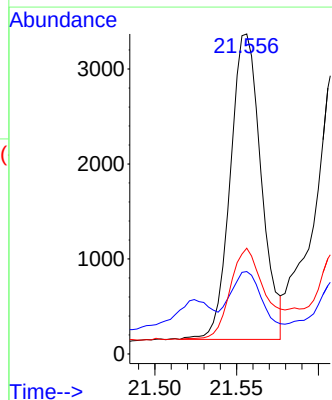
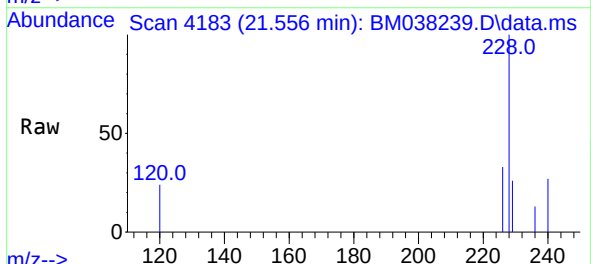
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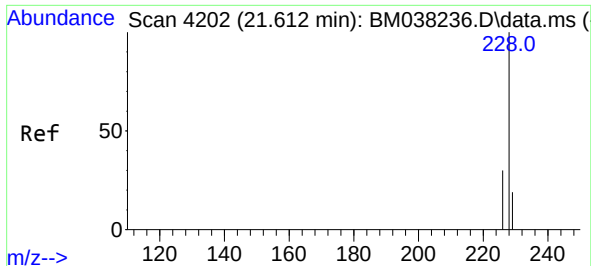
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#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

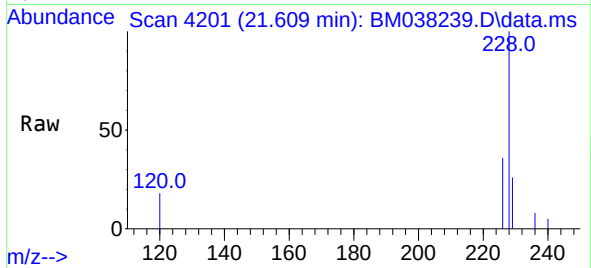
Tgt Ion:228 Resp: 4233
Ion Ratio Lower Upper
228 100
229 25.7 15.5 23.3#
226 33.0 22.2 33.2





#22
Chrysene
Concen: 0.135 ng/u1
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

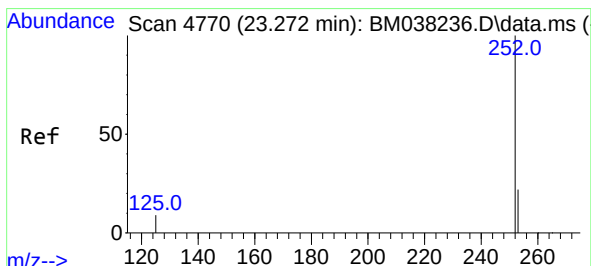
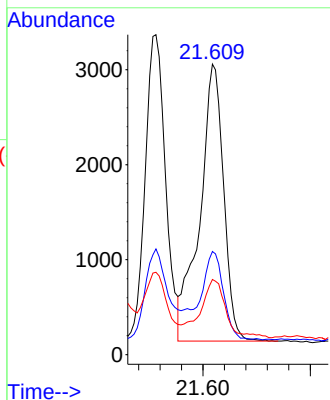
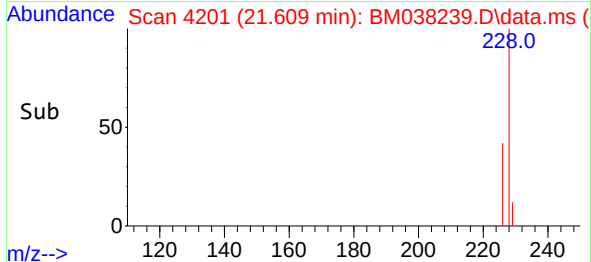
Instrument :
BNA_M
ClientSampleId :
DBXR4



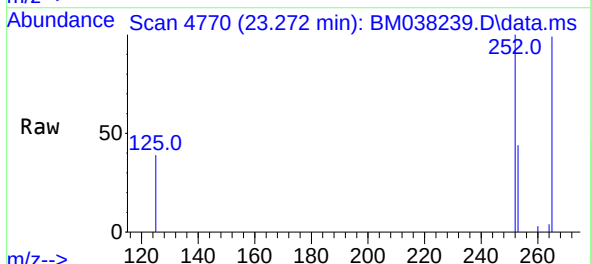
Tgt Ion:228 Resp: 4500
Ion Ratio Lower Upper
228 100
226 35.5 25.0 37.4
229 25.9 16.0 24.0

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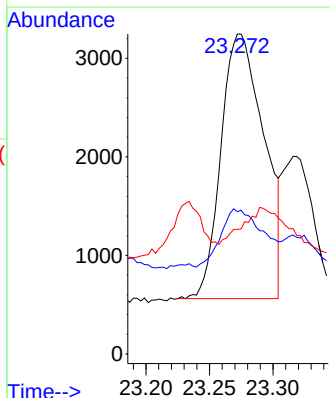
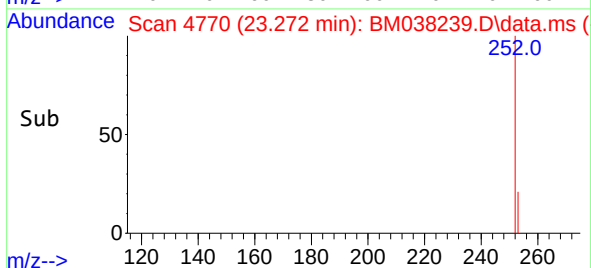
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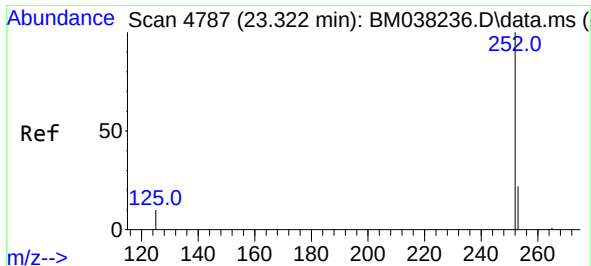


#24
Benzo(b)fluoranthene
Concen: 0.178 ng/u1
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08



Tgt Ion:252 Resp: 6317
Ion Ratio Lower Upper
252 100
253 44.4 0.0 56.0
125 39.0 0.0 36.6





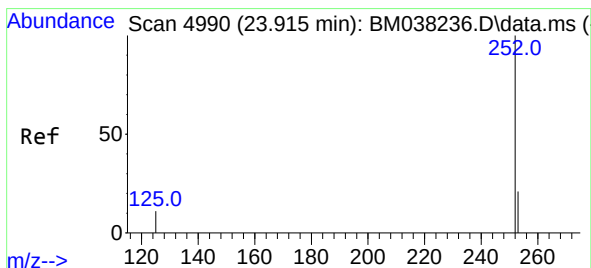
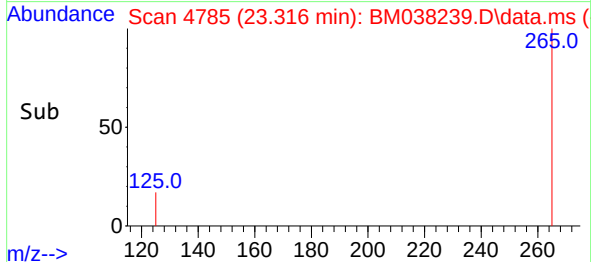
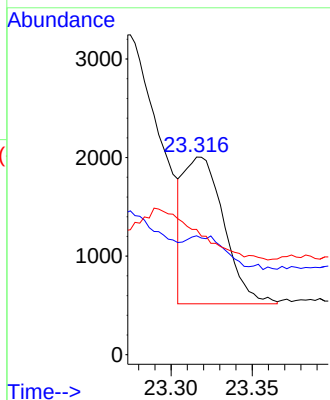
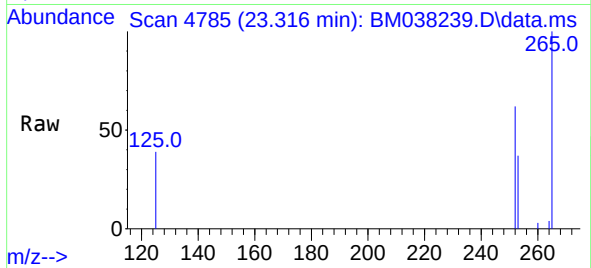
#25
Benzo(k)fluoranthene
Concen: 0.076 ng/ul m
RT: 23.316 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Instrument :
BNA_M
ClientSampleId :
DBXR4

Tgt Ion:252 Resp: 2584
Ion Ratio Lower Upper
252 100
253 60.1 22.5 33.7
125 63.4 14.4 21.6

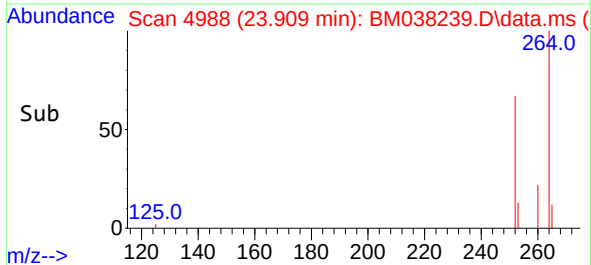
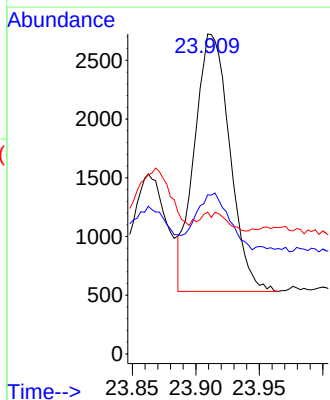
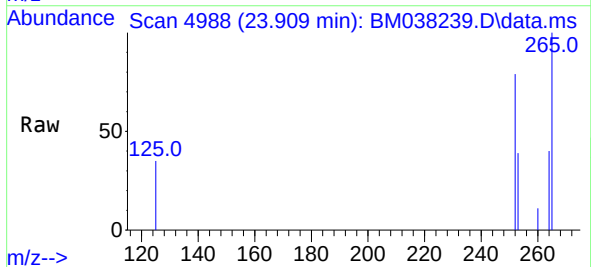
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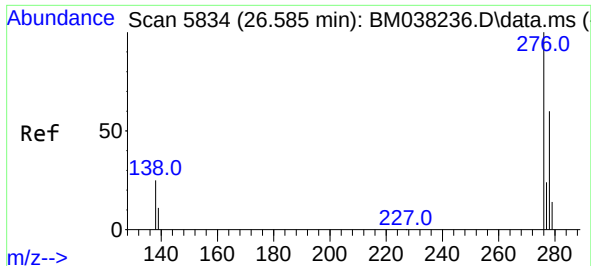
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Supervised By :Yogesh Patel 12/24/2022



#26
Benzo(a)pyrene
Concen: 0.137 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. -0.003 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

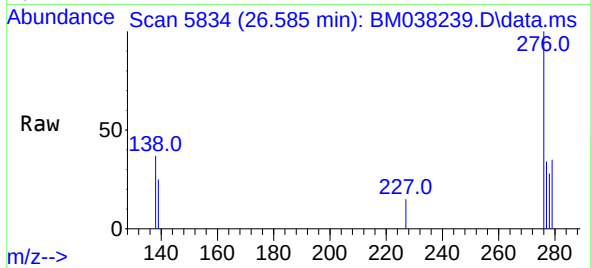
Tgt Ion:252 Resp: 4243
Ion Ratio Lower Upper
252 100
253 49.7 24.2 36.4#
125 44.3 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. 0.003 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

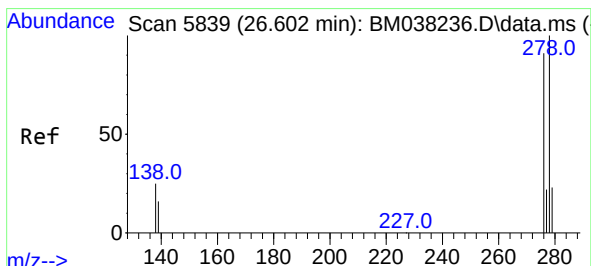
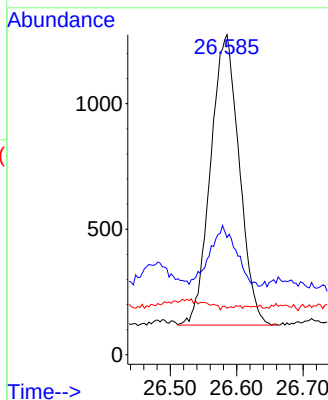
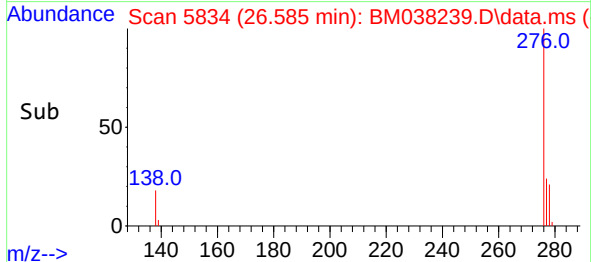
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DBXR4



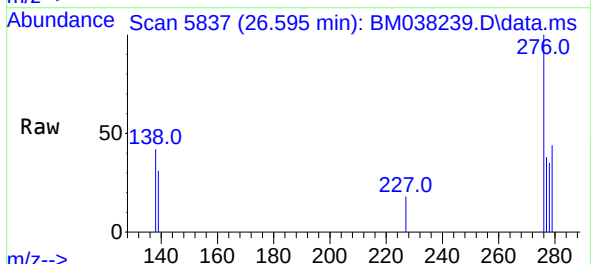
Tgt Ion:276 Resp: 347
Ion Ratio Lower Upper
276 100
138 21.5 21.7 32.5
227 0.3 0.0 0.0

Manual Integrations
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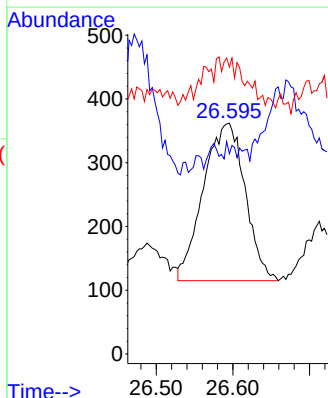
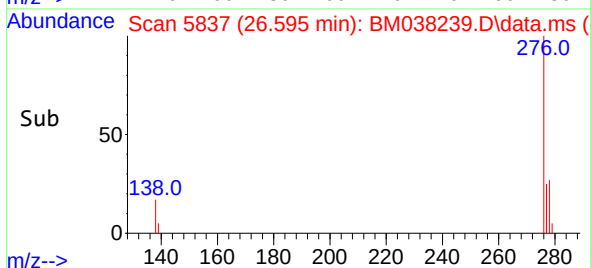
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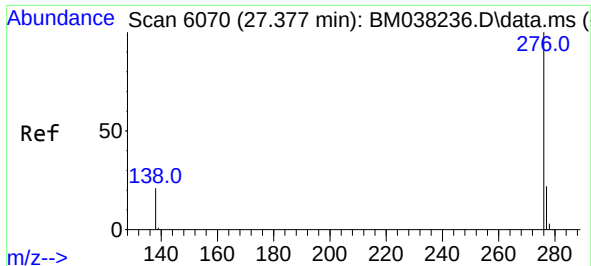


#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.595 min Scan# 5837
Delta R.T. 0.000 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08



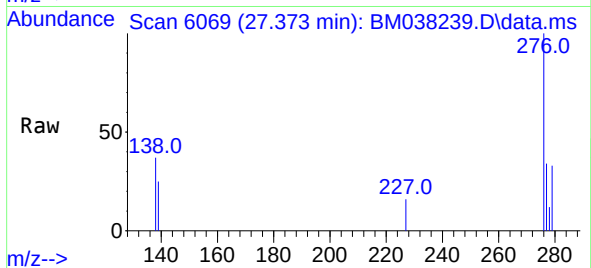
Tgt Ion:278 Resp: 936
Ion Ratio Lower Upper
278 100
139 86.7 16.8 25.2#
279 124.3 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 27.373 min Scan# 6069
Delta R.T. 0.003 min
Lab File: BM038239.D
Acq: 23 Dec 2022 19:08

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 3404
Ion Ratio Lower Upper
276 100
138 37.3 20.8 31.2
277 33.9 20.5 30.7

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