

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038216.D
 Acq On : 23 Dec 2022 02:14
 Operator : CG/JU
 Sample : N6008-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXX5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 23 02:56:32 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	4770	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	14795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16909	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	10437	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	10028	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	24982	5.149	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7693	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	14516	0.370	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	1106	0.026	ng/ul#	82
7) 2-Methylnaphthalene	12.506	142	578	0.021	ng/ul	98
10) Acenaphthylene	14.388	152	1467	0.032	ng/ul#	77
15) Phenanthrene	17.447	178	8623	0.152	ng/ul	97
16) Anthracene	17.540	178	1586	0.029	ng/ul#	80
19) Fluoranthene	19.454	202	23903	0.418	ng/ul#	86
20) Pyrene	19.817	202	19586m	0.339	ng/ul	
21) Benzo(a)anthracene	21.553	228	9593	0.210	ng/ul	94
22) Chrysene	21.609	228	11783	0.264	ng/ul	95
24) Benzo(b)fluoranthene	23.272	252	17017m	0.383	ng/ul	
25) Benzo(k)fluoranthene	23.313	252	5977m	0.140	ng/ul	
26) Benzo(a)pyrene	23.912	252	10426	0.269	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.582	276	8848	0.165	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.589	278	2269	0.054	ng/ul#	1
29) Benzo(g,h,i)perylene	27.377	276	8901	0.197	ng/ul#	91

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

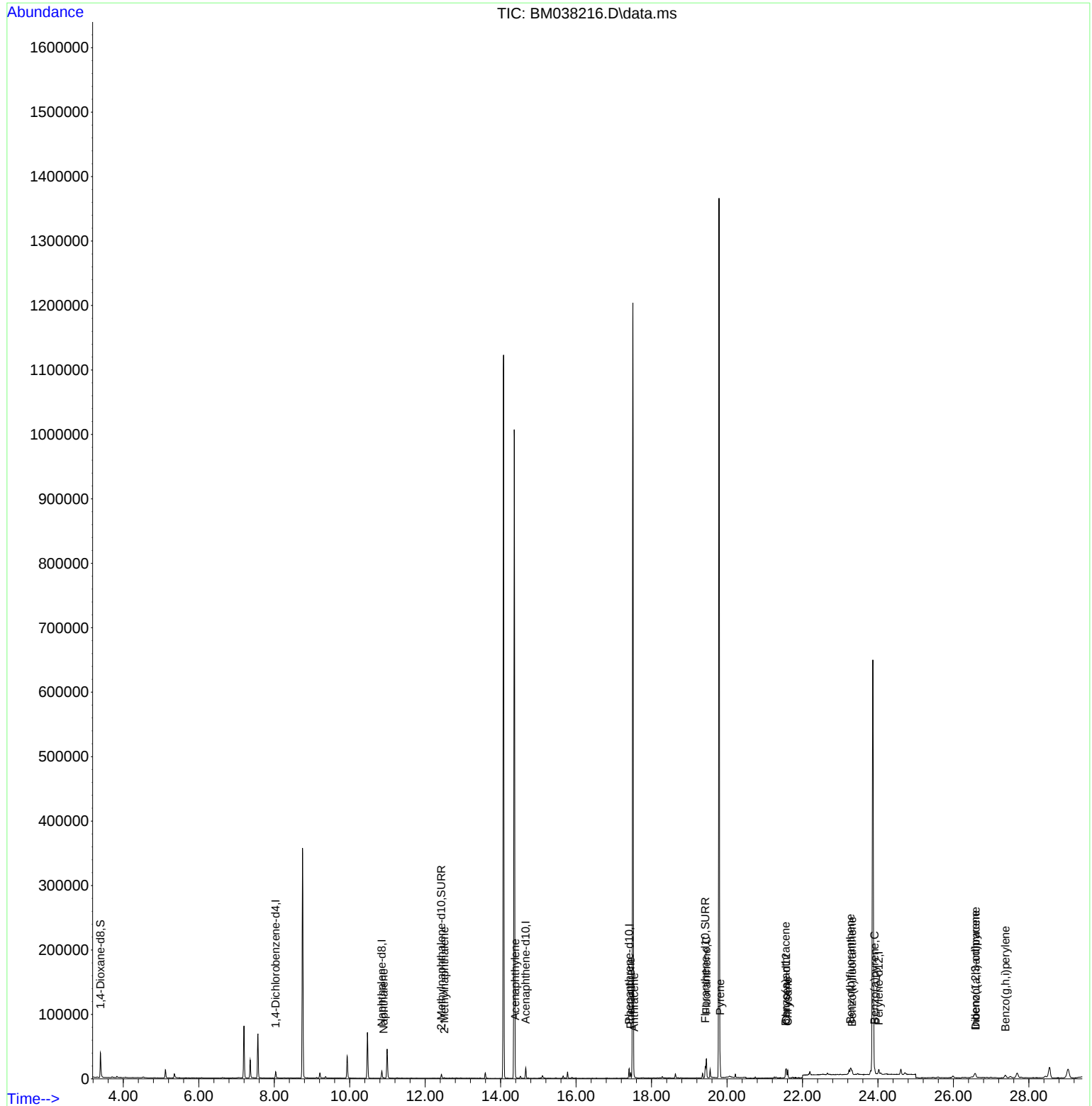
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038216.D
Acq On : 23 Dec 2022 02:14
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ALS Vial : 22 Sample Multiplier: 1

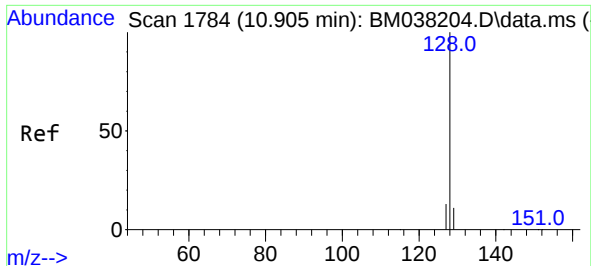
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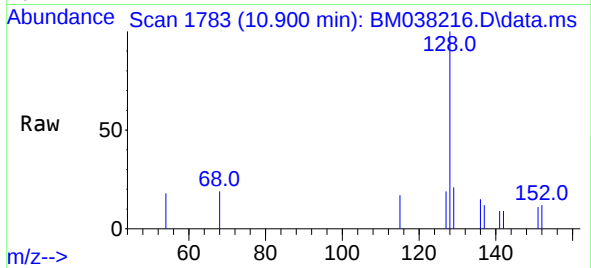
Quant Time: Dec 23 02:56:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.900 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

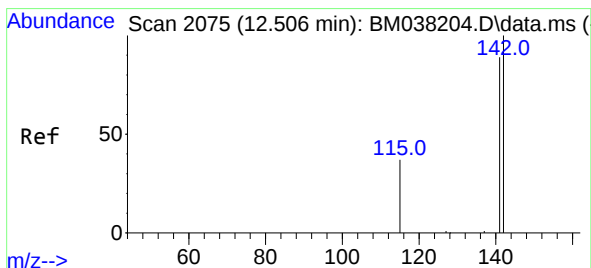
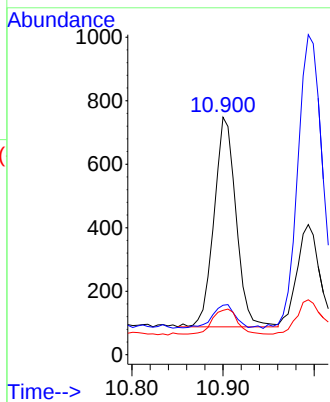
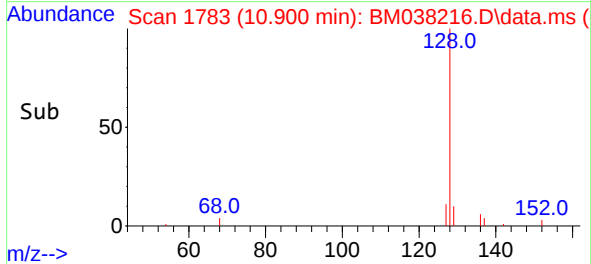
Instrument :
BNA_M
ClientSampleId :
DBXX5



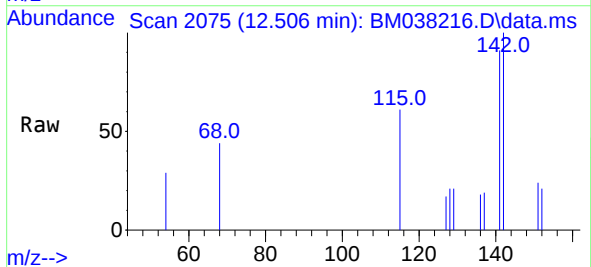
Tgt Ion:128 Resp: 1100
Ion Ratio Lower Upper
128 100
129 20.9 9.4 14.0
127 18.7 10.7 16.1

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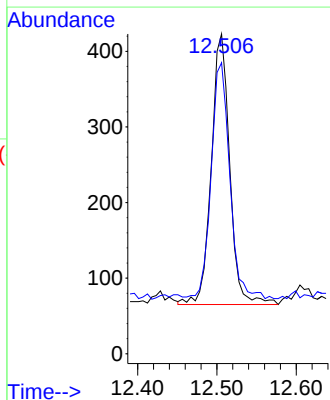
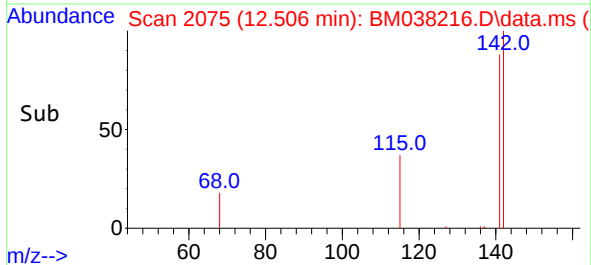
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

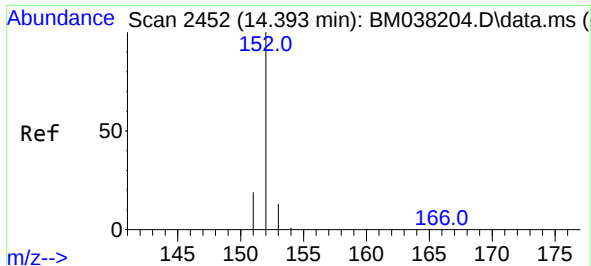


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14



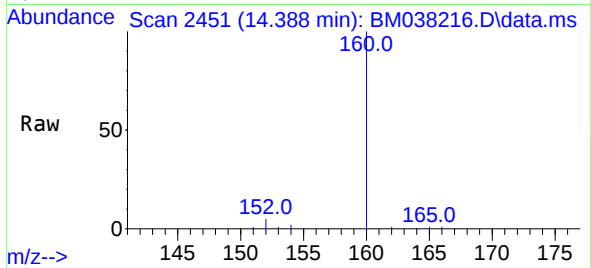
Tgt Ion:142 Resp: 578
Ion Ratio Lower Upper
142 100
141 87.7 71.9 107.9





#10
Acenaphthylene
Concen: 0.032 ng/u1
RT: 14.388 min Scan# 2452
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

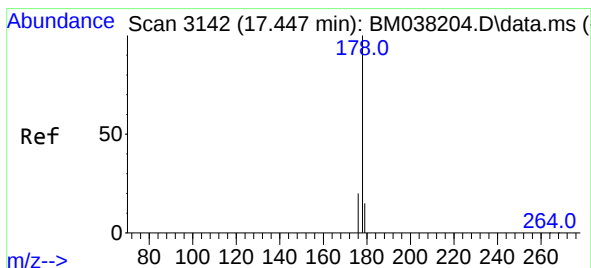
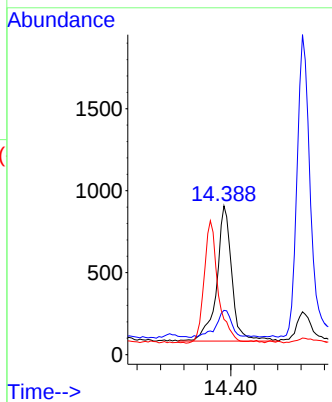
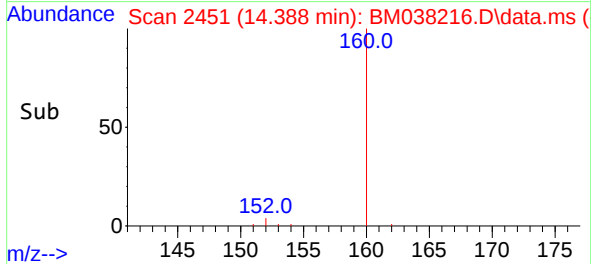
Instrument :
BNA_M
ClientSampleId :
DBXX5



Tgt Ion:152 Resp: 146
Ion Ratio Lower Upper
152 100
151 29.8 16.2 24.2
153 23.7 10.7 16.1

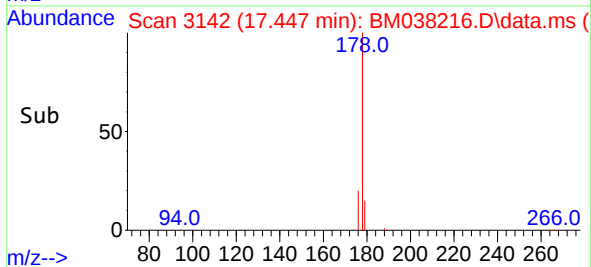
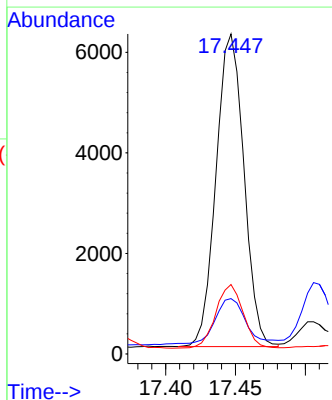
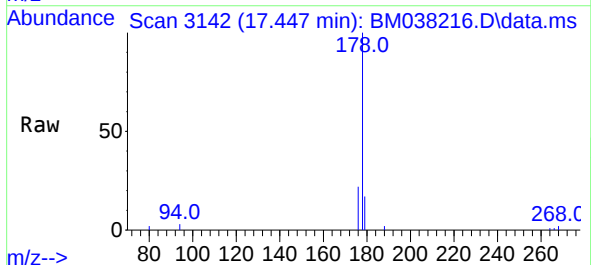
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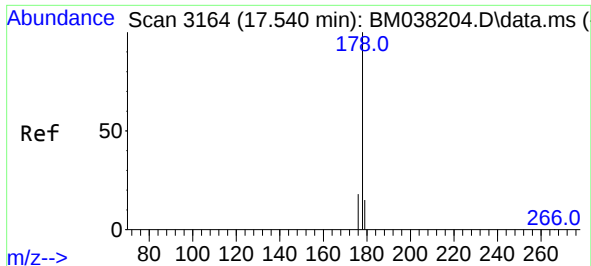
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#15
Phenanthrene
Concen: 0.152 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

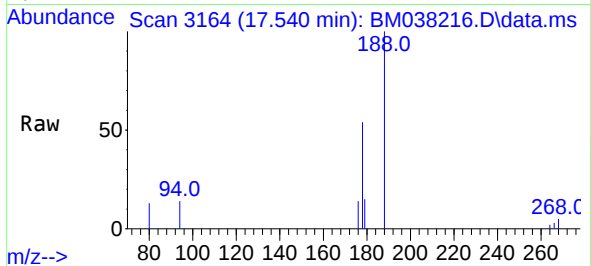
Tgt Ion:178 Resp: 8623
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.4
176 21.7 16.2 24.4





#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038216.D
 Acq: 23 Dec 2022 02:14

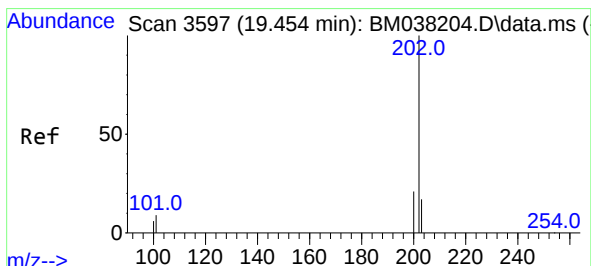
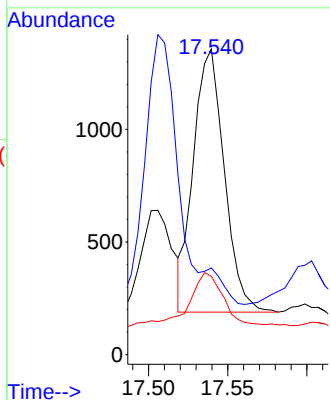
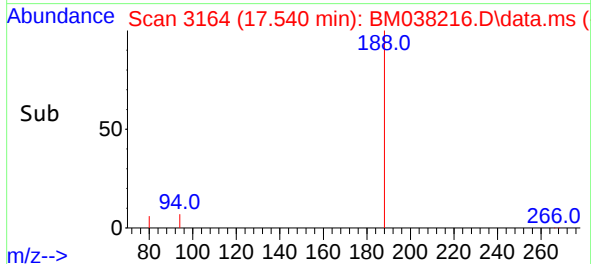
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 1580
 Ion Ratio Lower Upper
 178 100
 179 28.4 13.0 19.6#
 176 25.6 15.6 23.4#

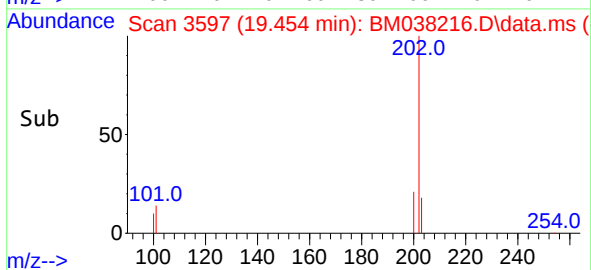
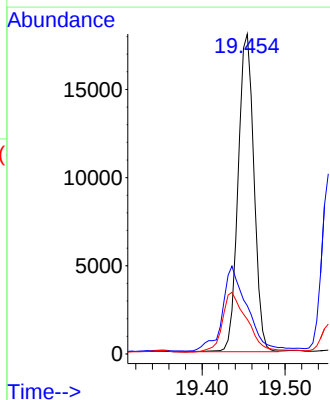
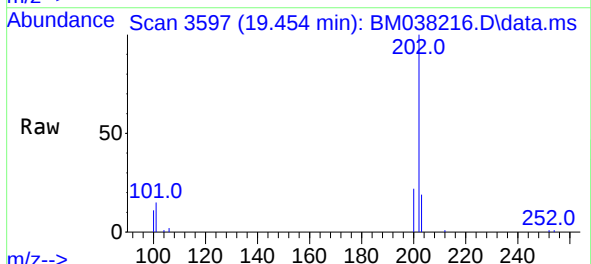
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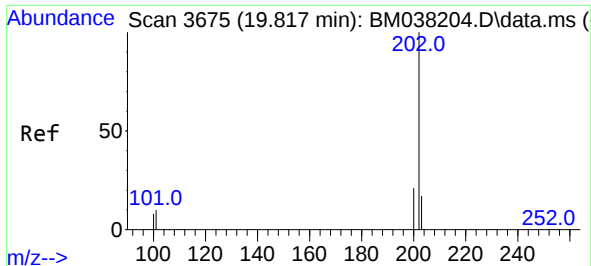
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 Supervised By :mohammad ahmed 12/23/2022



#19
 Fluoranthene
 Concen: 0.418 ng/ul
 RT: 19.454 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038216.D
 Acq: 23 Dec 2022 02:14

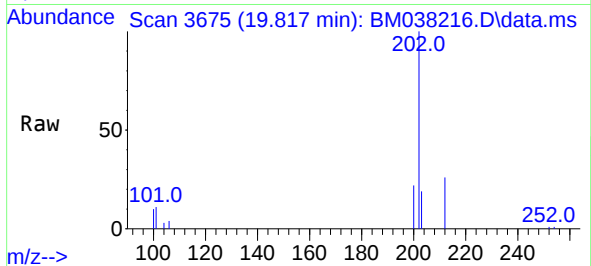
Tgt Ion:202 Resp: 23903
 Ion Ratio Lower Upper
 202 100
 101 15.0 7.5 11.3#
 100 10.8 5.6 8.4#





#20
Pyrene
Concen: 0.339 ng/ul m
RT: 19.817 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

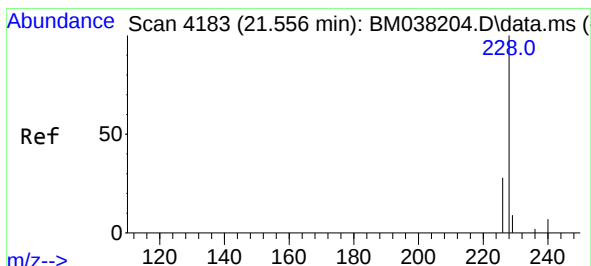
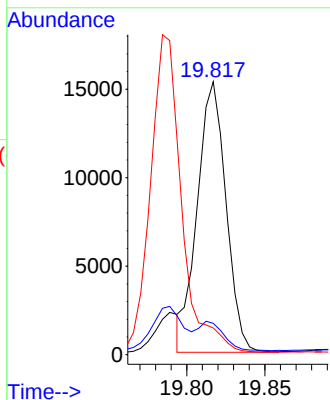
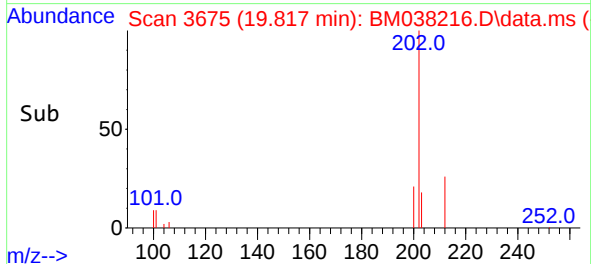
Instrument :
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ClientSampleId :
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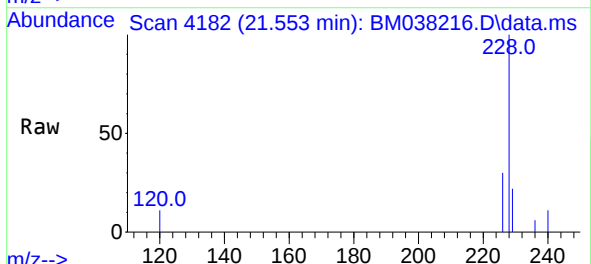
Tgt Ion:202 Resp: 1958
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
100 9.8 7.4 11.0

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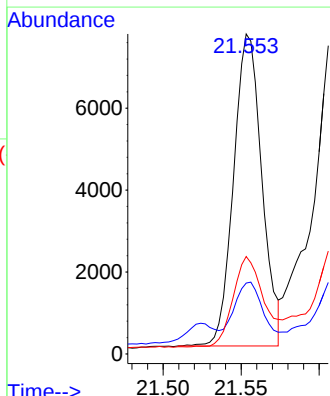
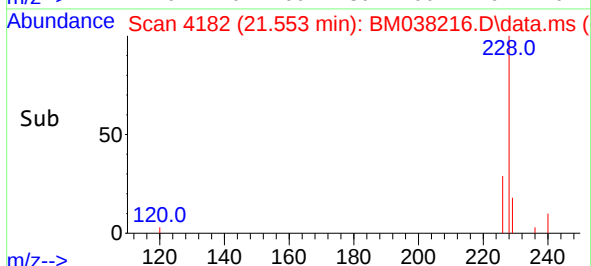
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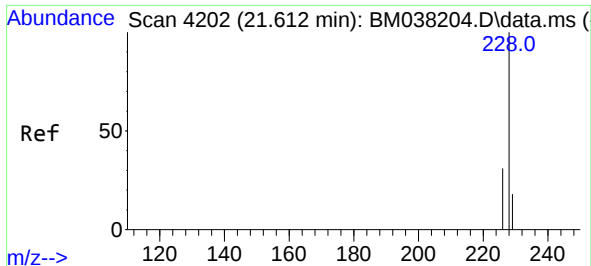


#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.553 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14



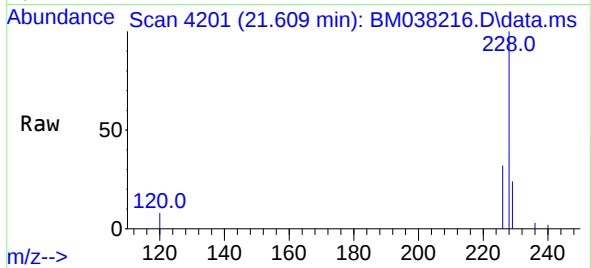
Tgt Ion:228 Resp: 9593
Ion Ratio Lower Upper
228 100
229 22.2 15.5 23.3
226 30.5 22.2 33.2





#22
Chrysene
Concen: 0.264 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

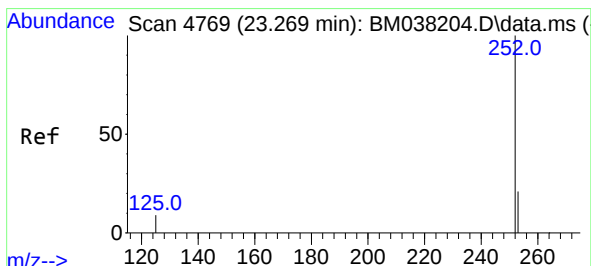
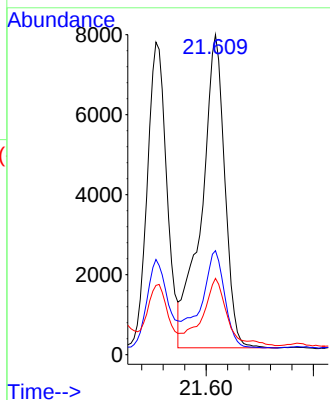
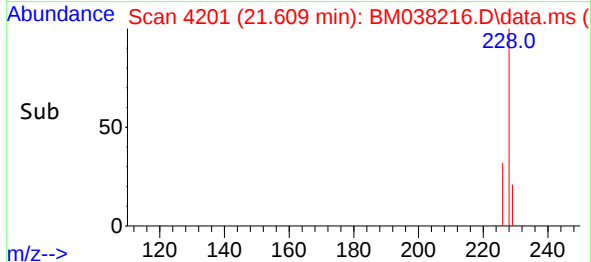
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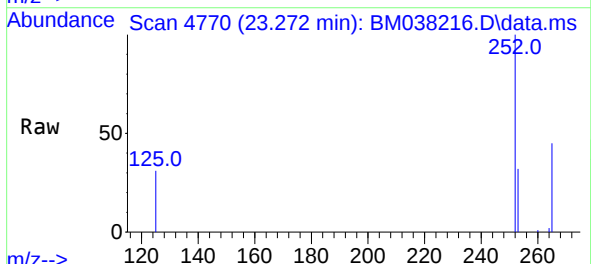
Tgt Ion:228 Resp: 1178
Ion Ratio Lower Upper
228 100
226 32.5 25.0 37.4
229 23.8 16.0 24.0

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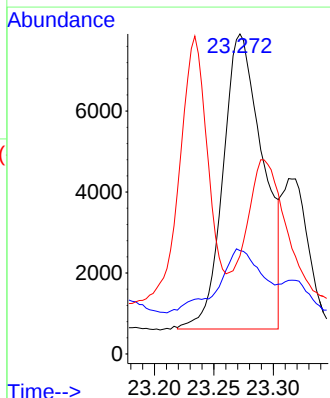
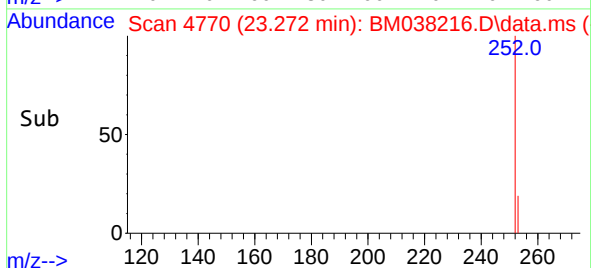
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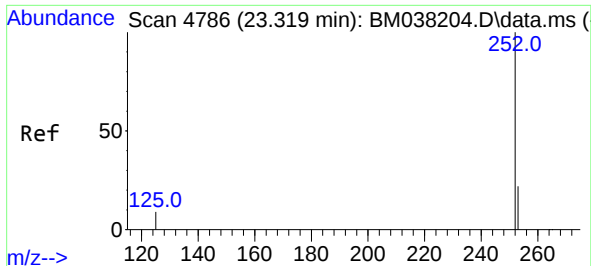


#24
Benzo(b)fluoranthene
Concen: 0.383 ng/ul m
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14



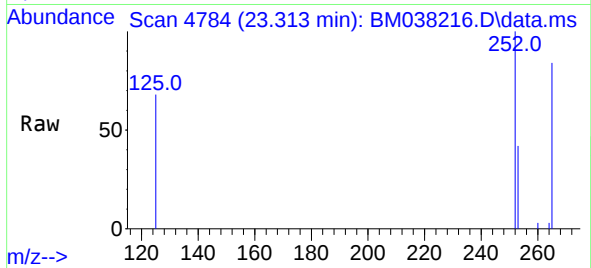
Tgt Ion:252 Resp: 17017
Ion Ratio Lower Upper
252 100
253 32.3 0.0 56.0
125 30.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.140 ng/ul m
RT: 23.313 min Scan# 4786
Delta R.T. -0.009 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

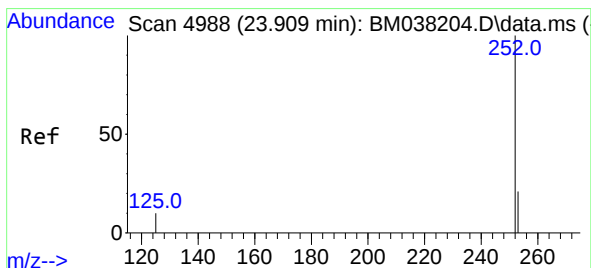
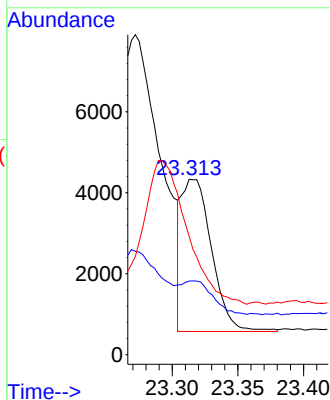
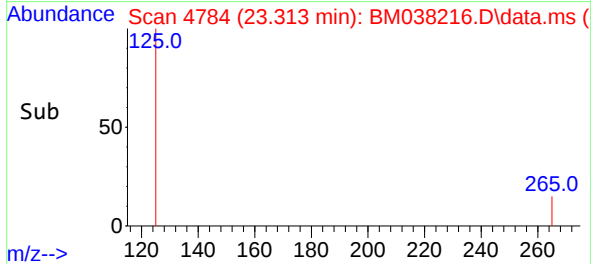
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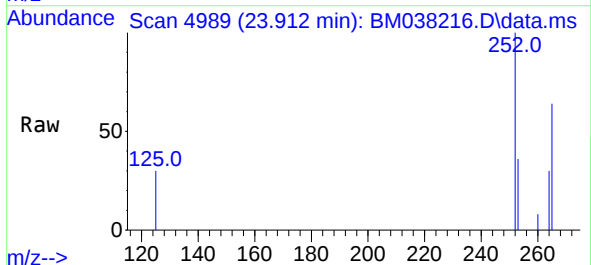
Tgt Ion:252 Resp: 5977
Ion Ratio Lower Upper
252 100
253 42.0 22.5 33.7
125 67.7 14.4 21.6

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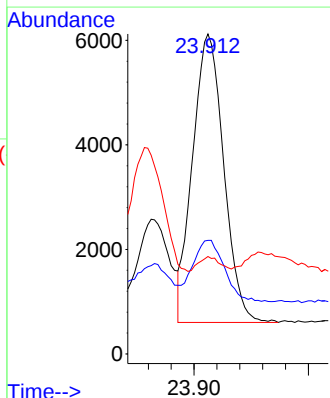
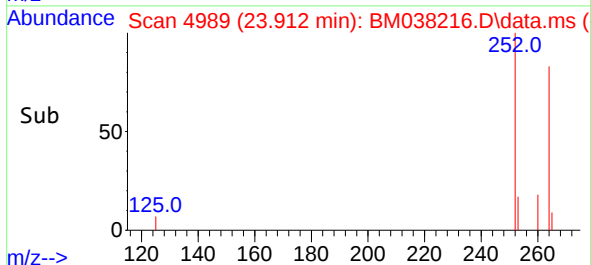
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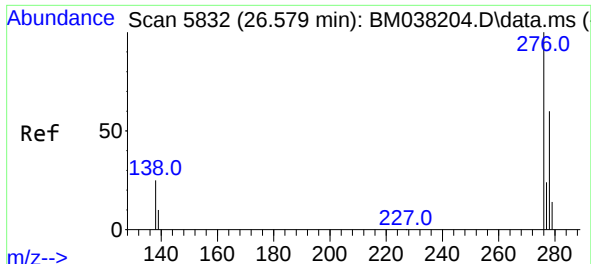


#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14



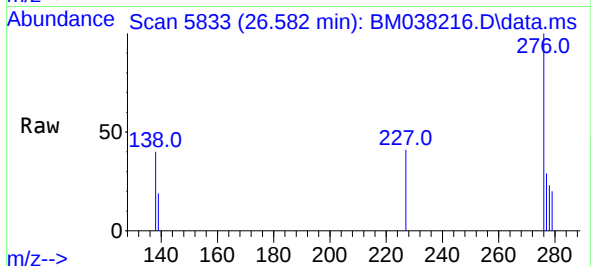
Tgt Ion:252 Resp: 10426
Ion Ratio Lower Upper
252 100
253 35.5 24.2 36.4
125 30.4 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

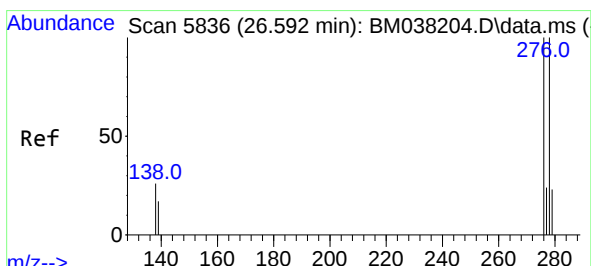
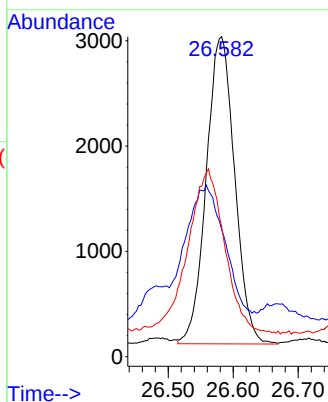
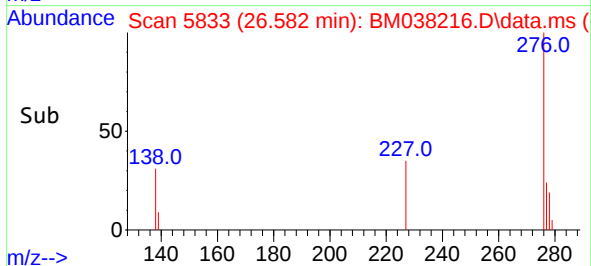
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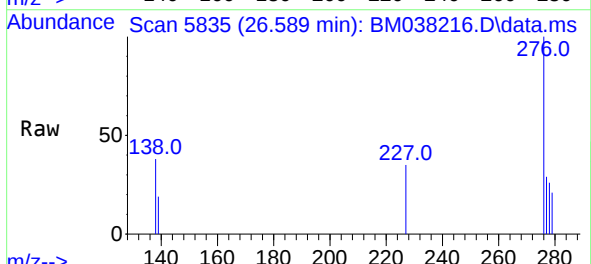
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Ion Ratio Lower Upper
276 100
138 0.0 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
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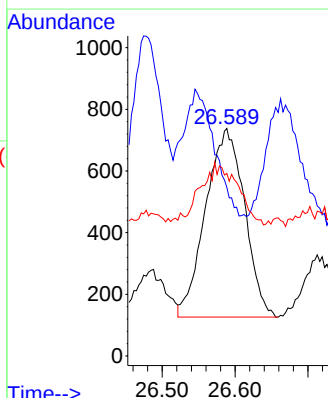
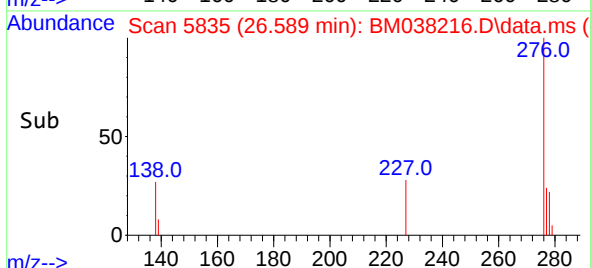
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

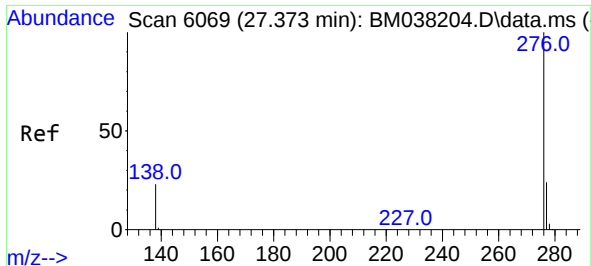


#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14



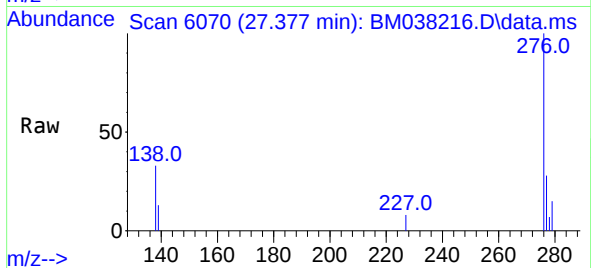
Tgt Ion:278 Resp: 2269
Ion Ratio Lower Upper
278 100
139 74.1 16.8 25.2#
279 80.2 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. 0.007 min
Lab File: BM038216.D
Acq: 23 Dec 2022 02:14

Instrument :
BNA_M
ClientSampleId :
DBXX5



Tgt Ion:276 Resp: 890
Ion Ratio Lower Upper
276 100
138 32.6 20.8 31.2
277 28.3 20.5 30.7

Manual Integrations
APPROVED

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