

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038278.D
 Acq On : 24 Dec 2022 19:44
 Operator : CG/JU
 Sample : N6016-02
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:57:15 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11958	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6859	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12663	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8897	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8237	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	11733	2.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	3615	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	6826	0.204	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	2969	0.085	ng/ul#	93
7) 2-Methylnaphthalene	12.495	142	867	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.715	142	457	0.021	ng/ul	99
10) Acenaphthylene	14.379	152	4898	0.129	ng/ul	96
11) Acenaphthene	14.717	153	807	0.030	ng/ul	94
12) Fluorene	15.702	166	1835	0.063	ng/ul#	95
15) Phenanthrene	17.438	178	22034	0.520	ng/ul	100
16) Anthracene	17.527	178	14892	0.366	ng/ul	99
19) Fluoranthene	19.445	202	47401	0.972	ng/ul	99
20) Pyrene	19.808	202	40206m	0.816	ng/ul	
21) Benzo(a)anthracene	21.548	228	35317	0.905	ng/ul	97
22) Chrysene	21.603	228	62457	1.644	ng/ul	99
24) Benzo(b)fluoranthene	23.263	252	61011	1.673	ng/ul	91
25) Benzo(k)fluoranthene	23.310	252	19150m	0.547	ng/ul	
26) Benzo(a)pyrene	23.903	252	36393	1.144	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.565	276	28117	0.637	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.575	278	7735	0.226	ng/ul#	85
29) Benzo(g,h,i)perylene	27.357	276	25652	0.691	ng/ul	97

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

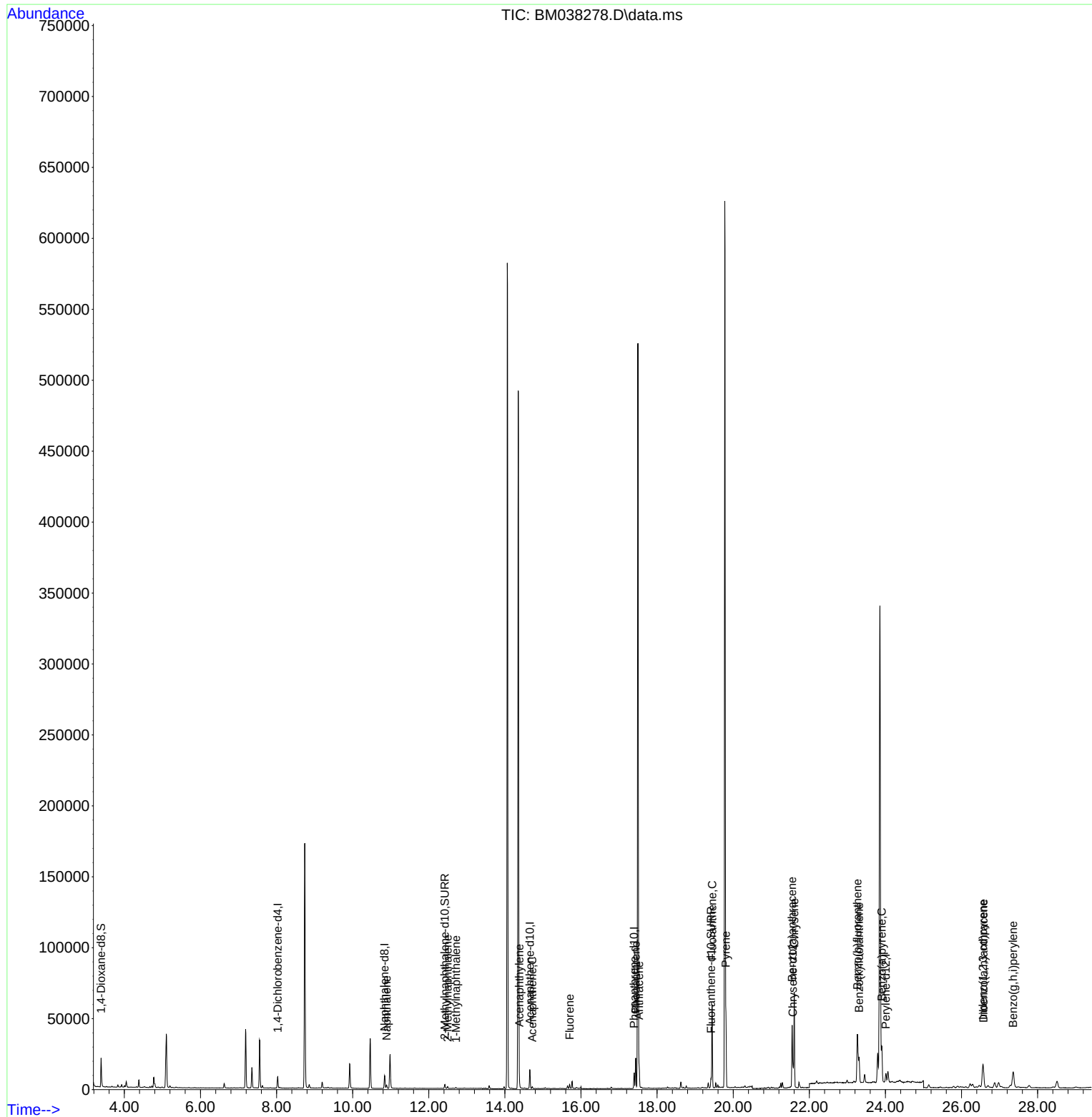
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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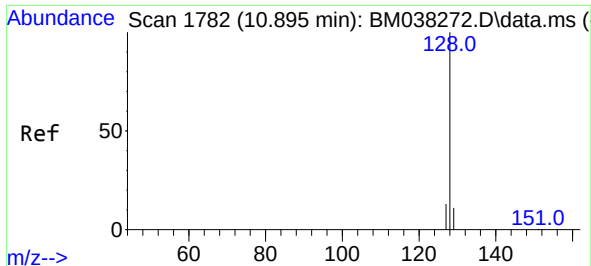
Instrument :
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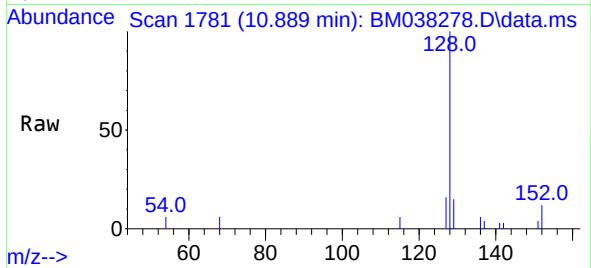
Quant Time: Dec 25 02:57:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.889 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

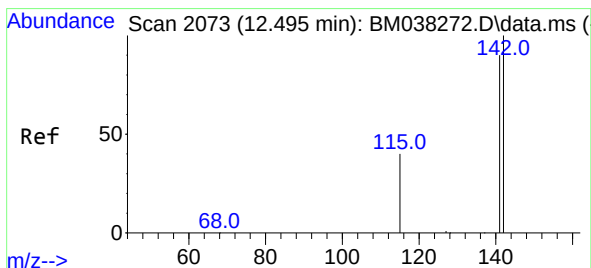
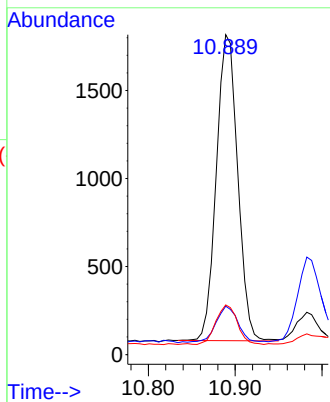
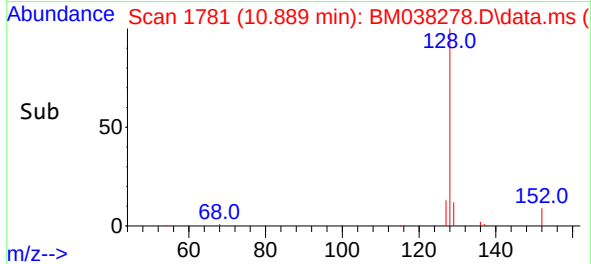
Instrument :
BNA_M
ClientSampleId :
DBYA7



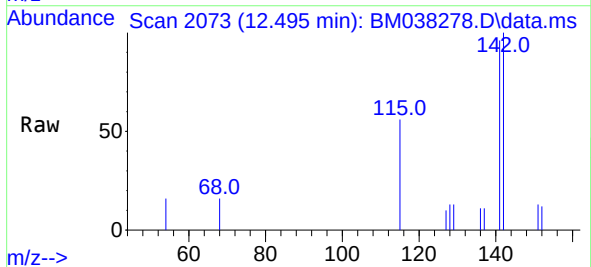
Tgt Ion:128 Resp: 2969
Ion Ratio Lower Upper
128 100
129 15.1 9.4 14.0
127 15.5 10.7 16.1

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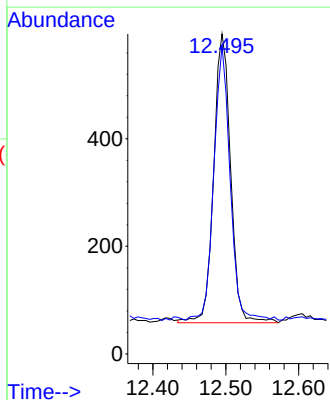
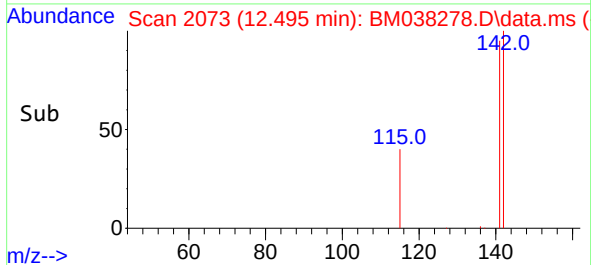
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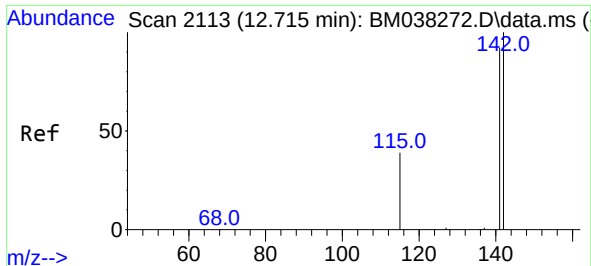


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44



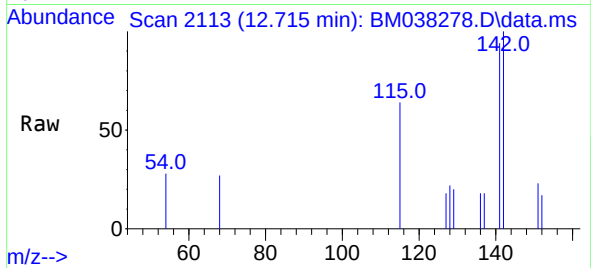
Tgt Ion:142 Resp: 867
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

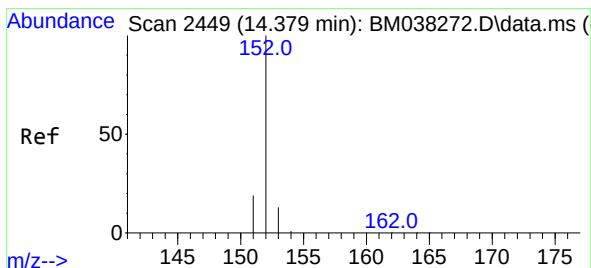
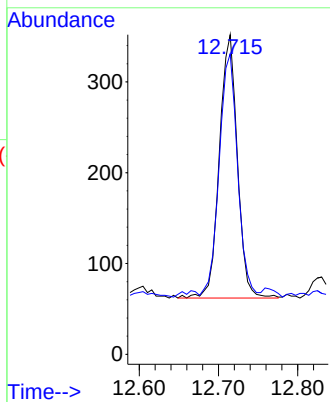
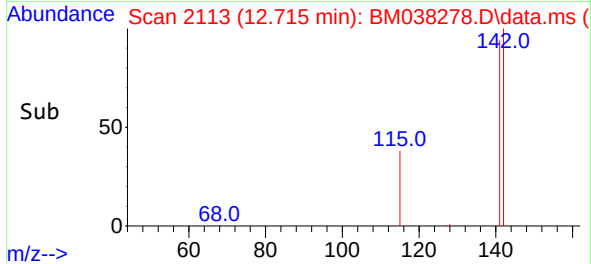
Instrument :
BNA_M
ClientSampleId :
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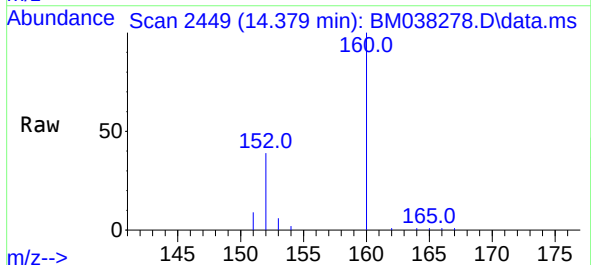
Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
141 94.7 74.7 112.1

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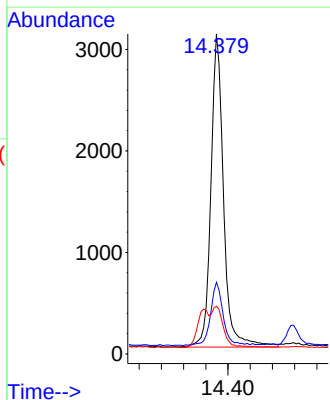
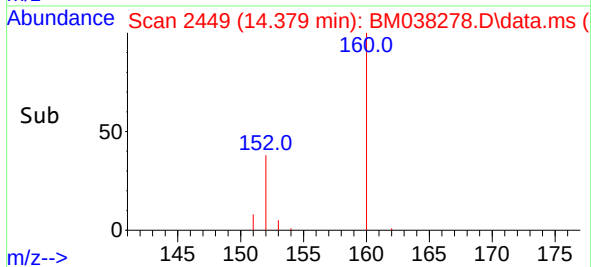
Reviewed By :Jagrut Upadhyay 12/25/2022
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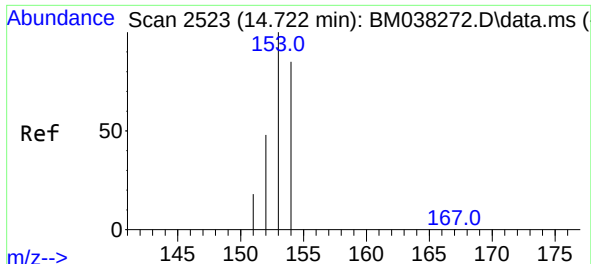


#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44



Tgt Ion:152 Resp: 4898
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2
153 14.9 10.7 16.1





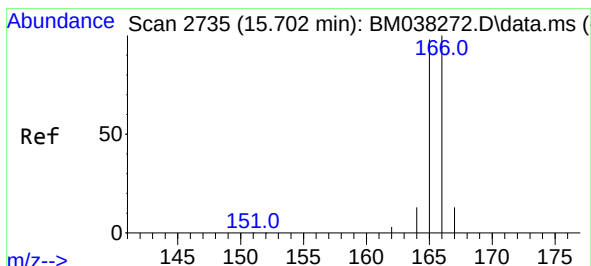
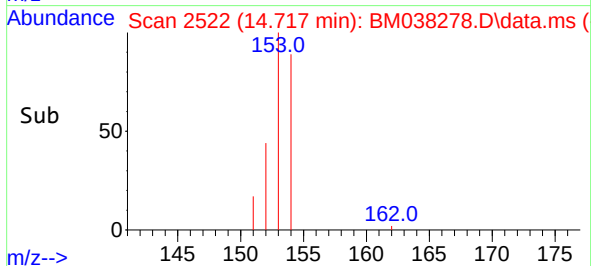
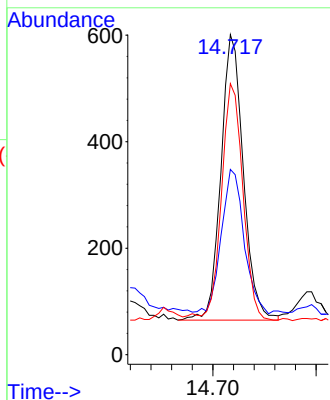
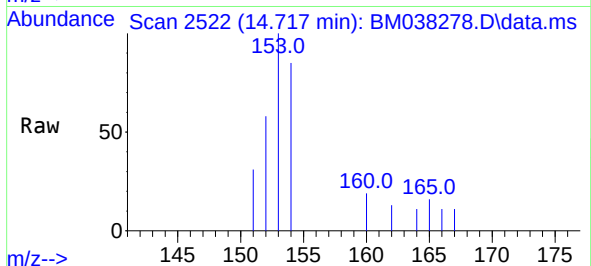
#11
Acenaphthene
Concen: 0.030 ng/u1
RT: 14.717 min Scan# 2522
Delta R.T. -0.005 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 807
Ion Ratio Lower Upper
153 100
152 57.9 39.4 59.0
154 84.7 69.0 103.4

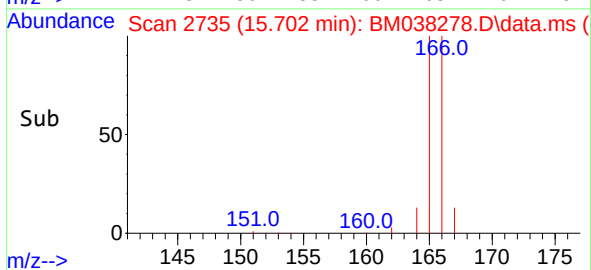
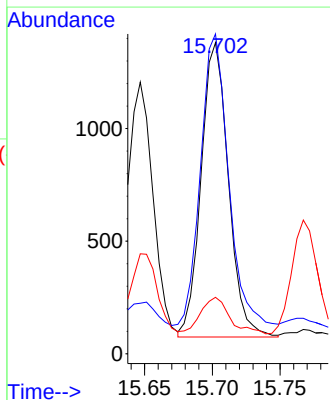
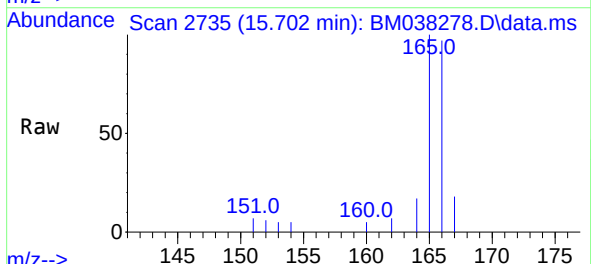
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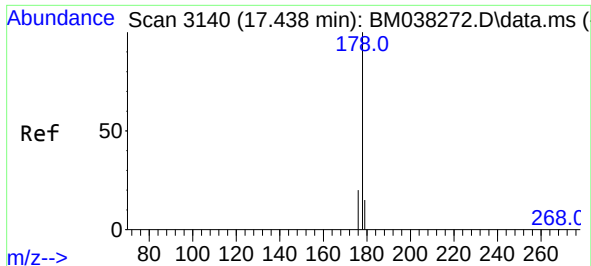
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#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

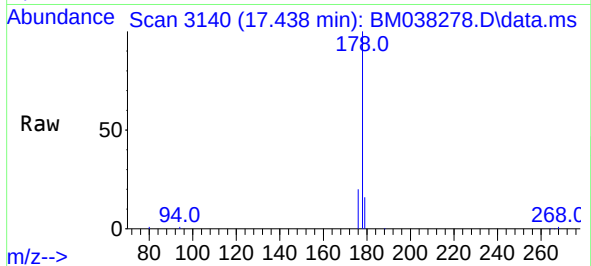
Tgt Ion:166 Resp: 1835
Ion Ratio Lower Upper
166 100
165 102.8 79.0 118.6
167 18.2 11.0 16.6#





#15
Phenanthrene
Concen: 0.520 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

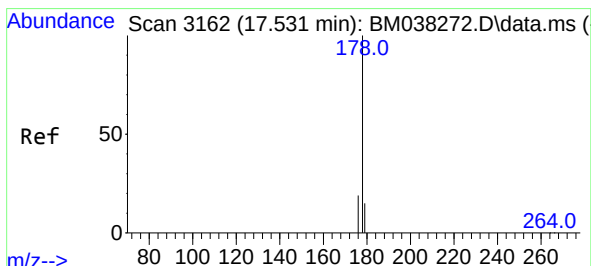
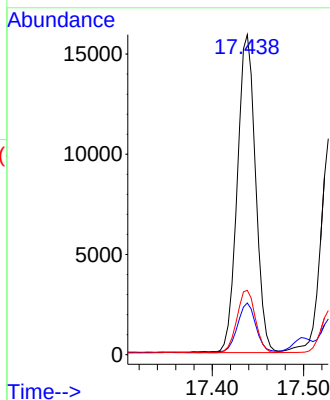
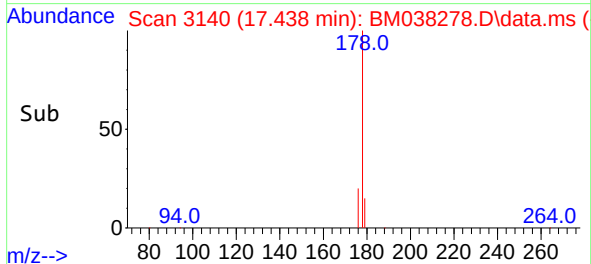
Instrument :
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ClientSampleId :
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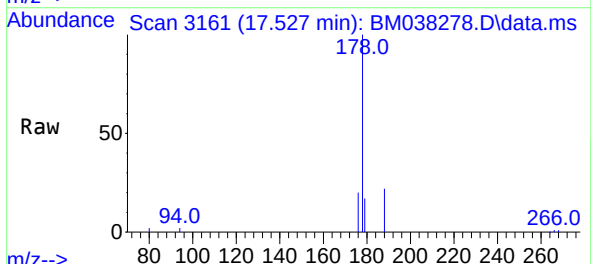
Tgt Ion:178 Resp: 22034
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 20.1 16.2 24.4

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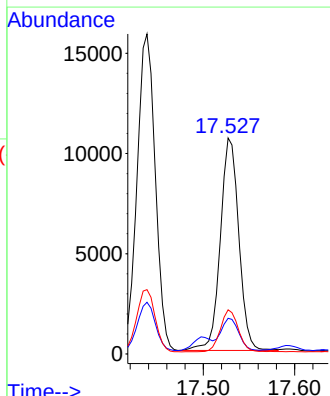
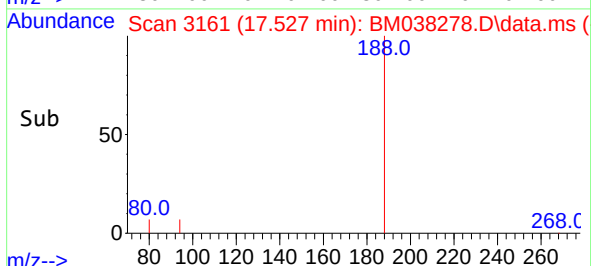
Reviewed By :Jagrut Upadhyay 12/25/2022
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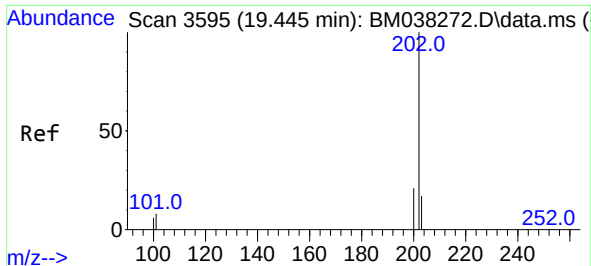


#16
Anthracene
Concen: 0.366 ng/u1
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44



Tgt Ion:178 Resp: 14892
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 20.4 15.6 23.4





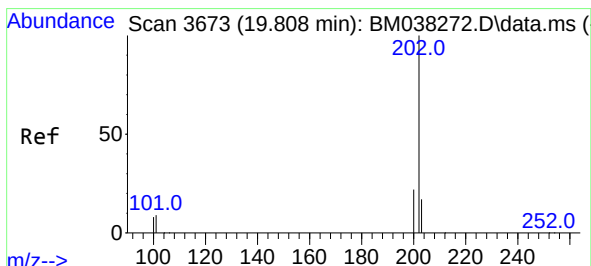
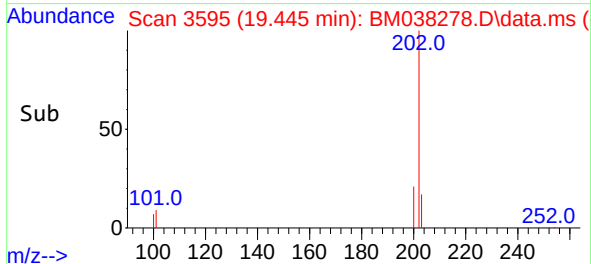
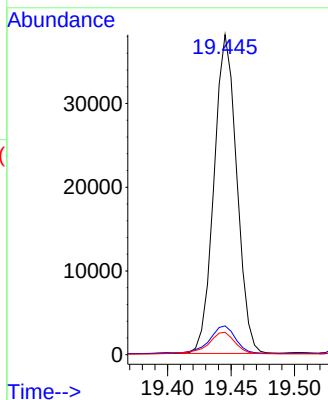
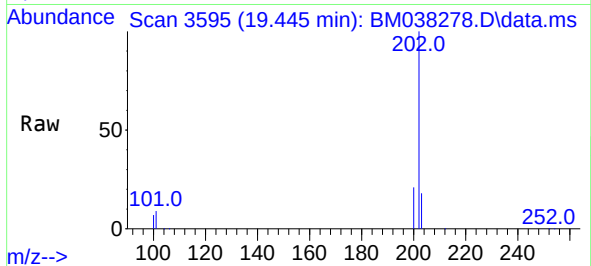
#19
Fluoranthene
Concen: 0.972 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

Instrument :
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DBYA7

Tgt Ion:202 Resp: 4740
Ion Ratio Lower Upper
202 100
101 9.0 7.5 11.3
100 7.0 5.6 8.4

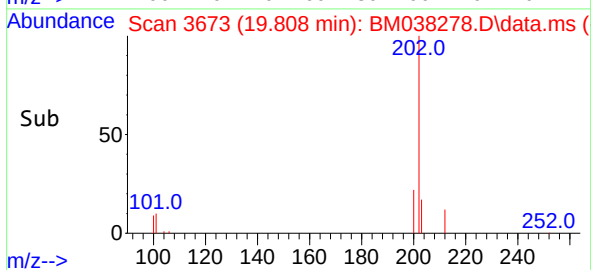
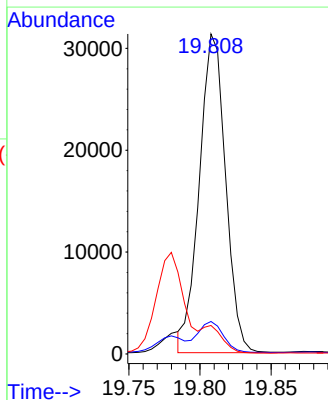
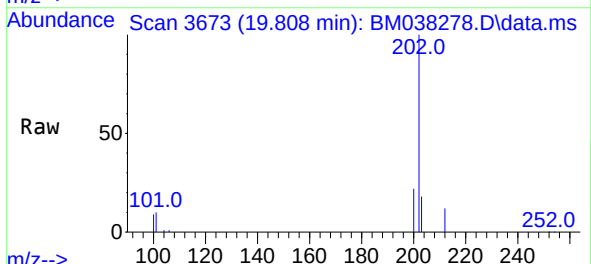
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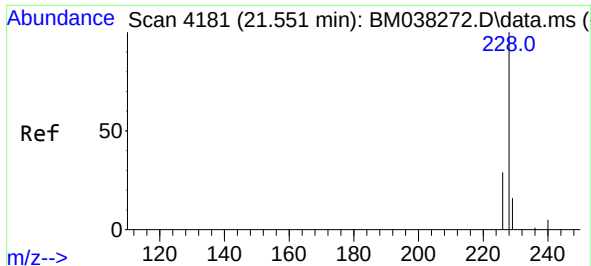
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#20
Pyrene
Concen: 0.816 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

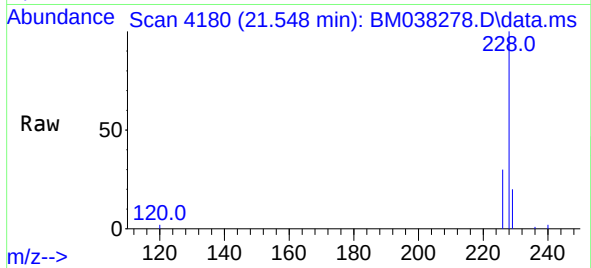
Tgt Ion:202 Resp: 40206
Ion Ratio Lower Upper
202 100
101 10.2 8.9 13.3
100 8.9 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.905 ng/u1
RT: 21.548 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

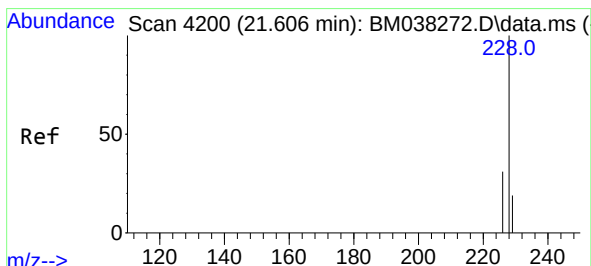
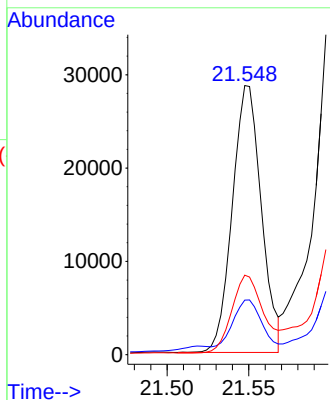
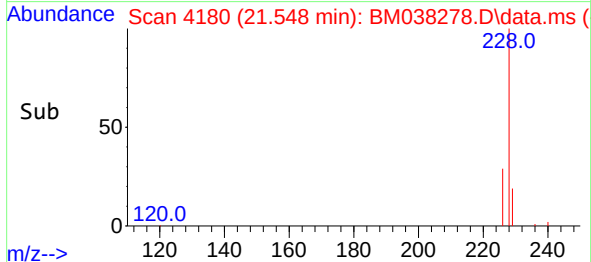
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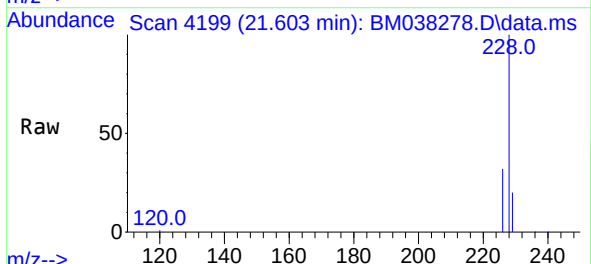
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Ion Ratio Lower Upper
228 100
229 20.3 15.5 23.3
226 29.5 22.2 33.2

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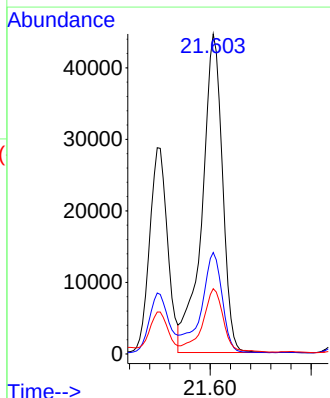
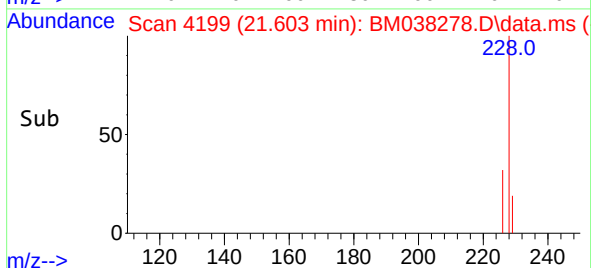
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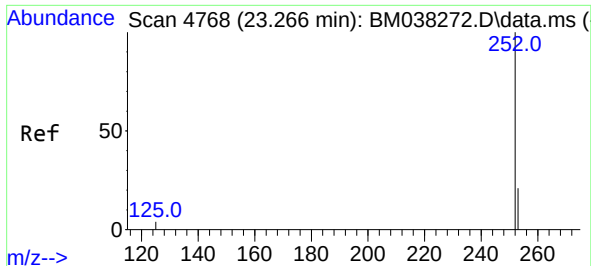


#22
Chrysene
Concen: 1.644 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44



Tgt Ion:228 Resp: 62457
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 20.4 16.0 24.0





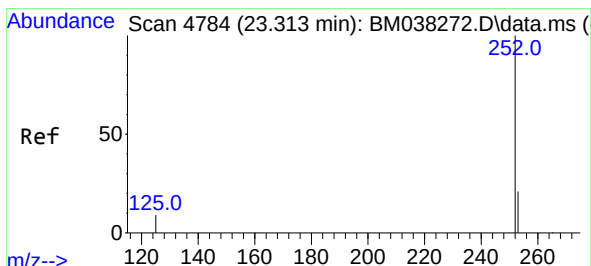
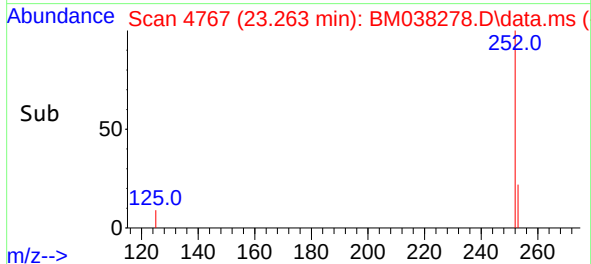
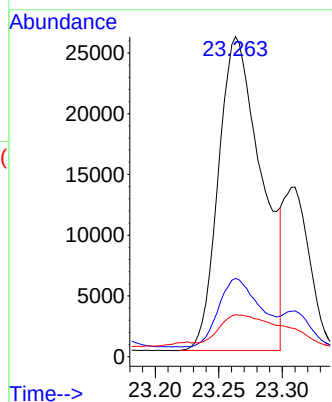
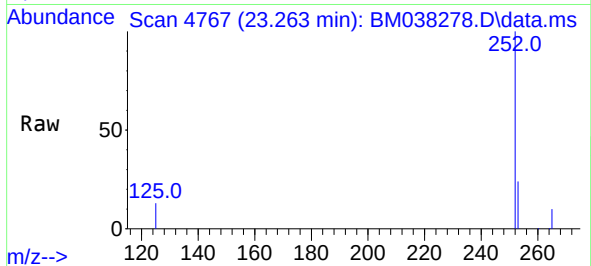
#24
Benzo(b)fluoranthene
Concen: 1.673 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

Instrument :
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Tgt Ion:252 Resp: 6101
Ion Ratio Lower Upper
252 100
253 24.4 0.0 56.0
125 13.1 0.0 36.6

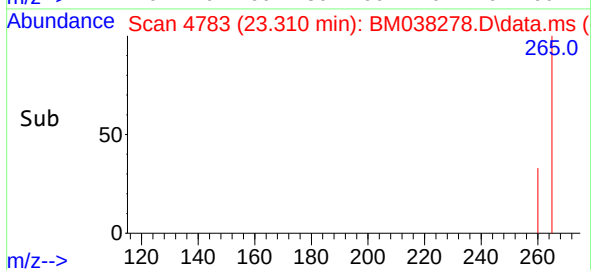
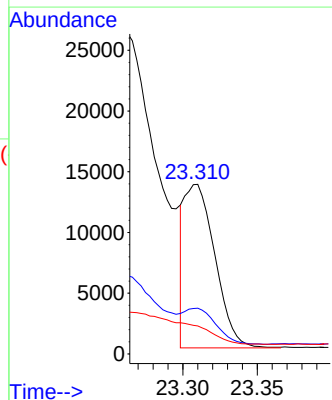
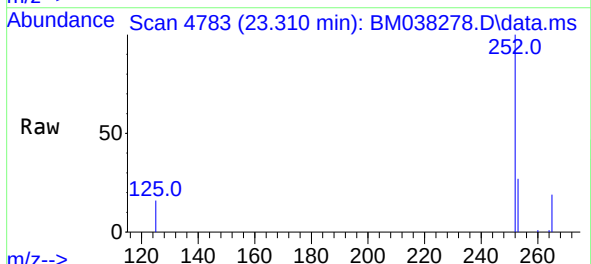
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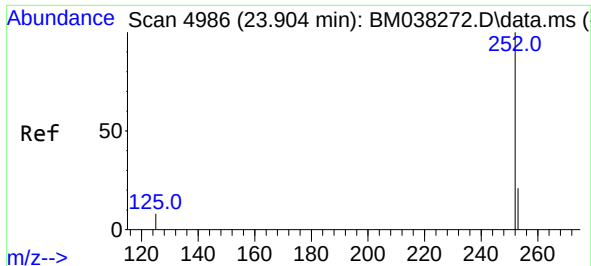
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.547 ng/ul m
RT: 23.310 min Scan# 4783
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

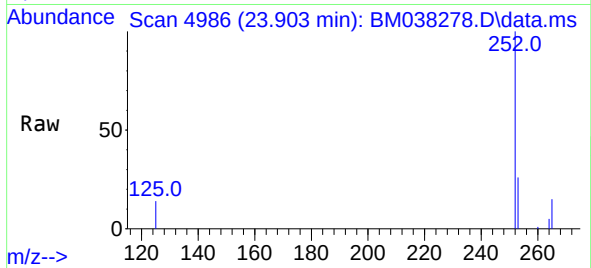
Tgt Ion:252 Resp: 19150
Ion Ratio Lower Upper
252 100
253 27.0 22.5 33.7
125 16.5 14.4 21.6





#26
Benzo(a)pyrene
Concen: 1.144 ng/ul
RT: 23.903 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

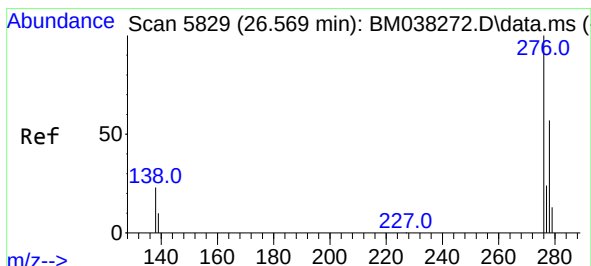
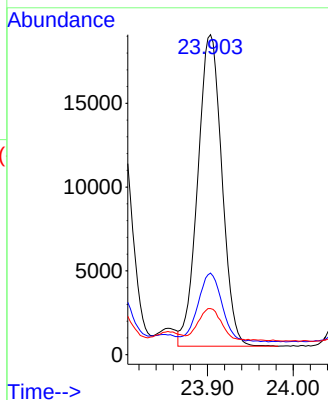
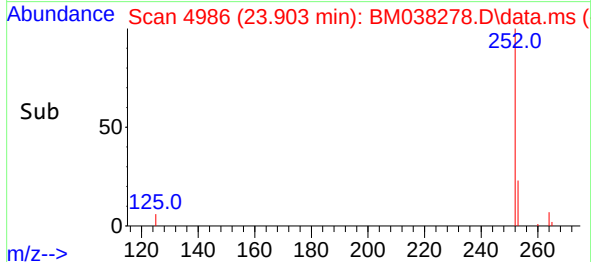
Instrument :
BNA_M
ClientSampleId :
DBYA7



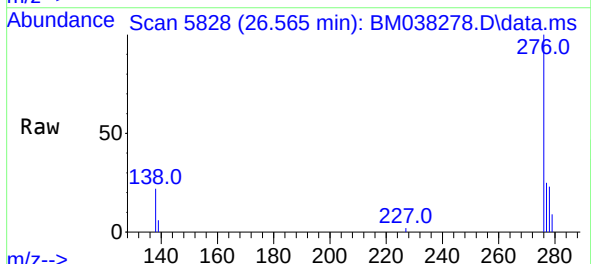
Tgt Ion:252 Resp: 3639
Ion Ratio Lower Upper
252 100
253 25.5 24.2 36.4
125 14.4 17.3 25.9

Manual Integrations
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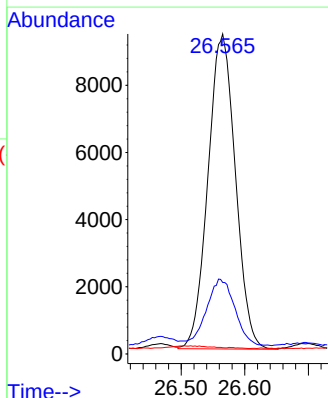
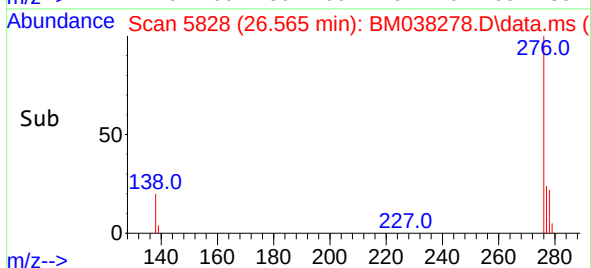
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

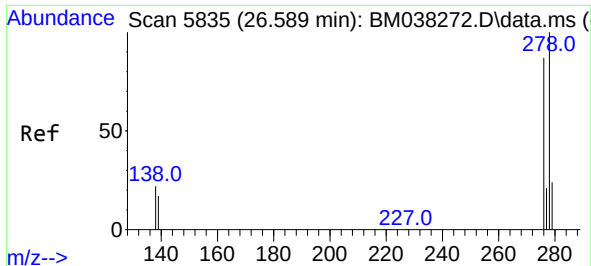


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.637 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44



Tgt Ion:276 Resp: 28117
Ion Ratio Lower Upper
276 100
138 21.8 21.7 32.5
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

Instrument :

BNA_M

ClientSampleId :

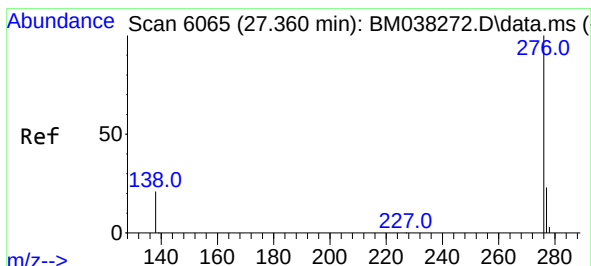
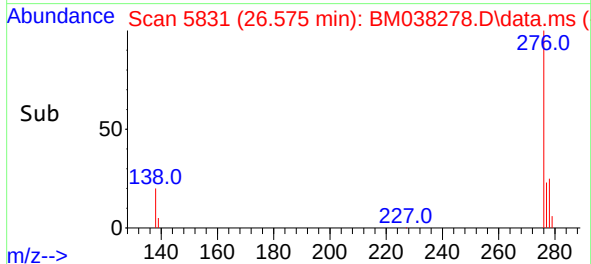
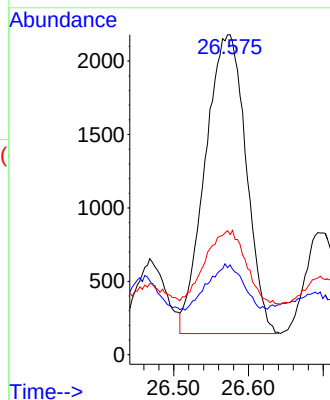
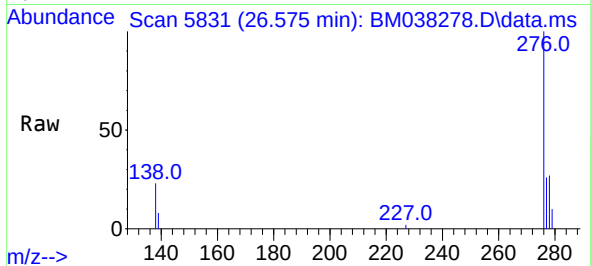
DBYA7

Tgt Ion:278 Resp: 773
Ion Ratio Lower Upper
278 100
139 28.1 16.8 25.2
279 37.6 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#29
Benzo(g,h,i)perylene
Concen: 0.691 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038278.D
Acq: 24 Dec 2022 19:44

Tgt Ion:276 Resp: 25652
Ion Ratio Lower Upper
276 100
138 24.0 20.8 31.2
277 24.7 20.5 30.7

