

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041871.D
 Acq On : 14 Sep 2023 19:25
 Operator : MA/JU
 Sample : 04175-10DL 10X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

Quant Time: Sep 15 00:30:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7368	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	20383	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.620	164	11342	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	23269	0.400	ng/ul #	0.00
17) Chrysene-d12	21.547	240	10332	0.400	ng/ul #	0.00
23) Perylene-d12	23.974	264	10670	0.400	ng/ul #	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2685	0.287	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	789	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.399	212	1214	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	39026	0.568	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	28828	0.698	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	34744	0.825	ng/ul	100
10) Acenaphthylene	14.347	152	63756	0.896	ng/ul	99
11) Acenaphthene	14.685	153	22064	0.405	ng/ul	99
12) Fluorene	15.670	166	87556	1.376	ng/ul	99
15) Phenanthrene	17.413	178	462573	4.554	ng/ul	99
16) Anthracene	17.506	178	158559	1.791	ng/ul	99
19) Fluoranthene	19.427	202	516255	6.451	ng/ul	97
20) Pyrene	19.789	202	382592	4.566	ng/ul	98
21) Benzo(a)anthracene	21.530	228	171735	2.519	ng/ul#	91
22) Chrysene	21.583	228	159419	2.285	ng/ul#	90
24) Benzo(b)fluoranthene	23.225	252	165143	2.175	ng/ul	85
25) Benzo(k)fluoranthene	23.272	252	47798m	0.683	ng/ul	
26) Benzo(a)pyrene	23.863	252	81812	1.413	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.481	276	51555	0.579	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.495	278	14257	0.217	ng/ul#	34
29) Benzo(g,h,i)perylene	27.269	276	43504	0.578	ng/ul	92

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

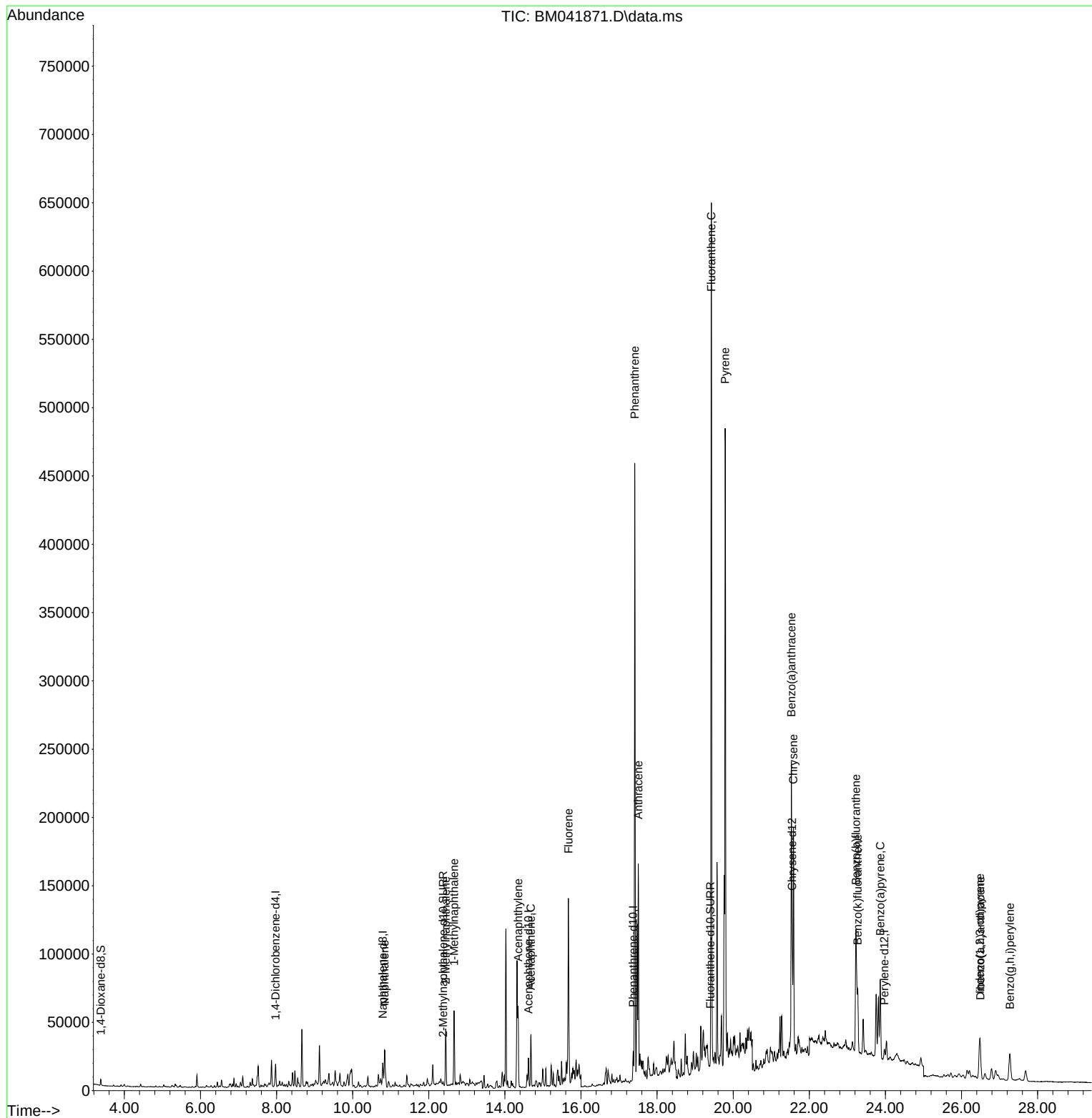
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
Data File : BM041871.D
Acq On : 14 Sep 2023 19:25
Operator : MA/JU
Sample : 04175-10DL 10X
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ALS Vial : 49 Sample Multiplier: 1

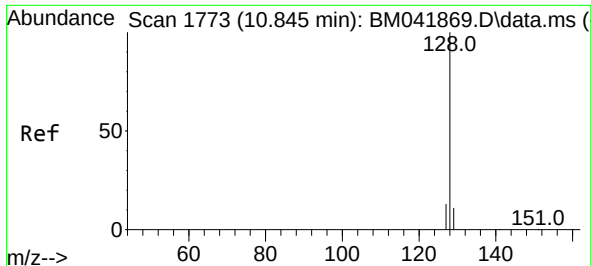
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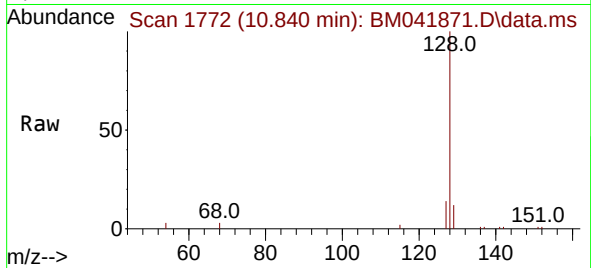
Quant Time: Sep 15 00:30:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 13 16:15:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.568 ng/ul
RT: 10.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

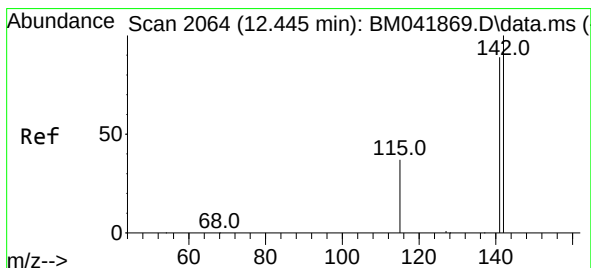
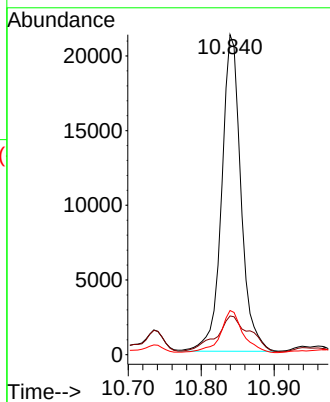
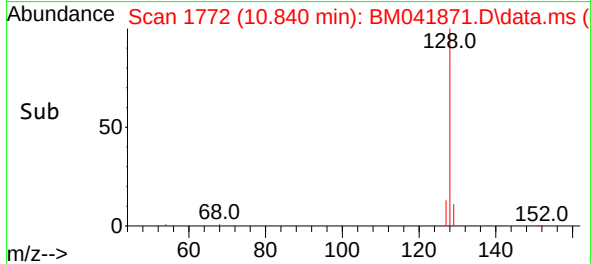
Instrument :
BNA_M
ClientSampleId :
EZYK4DL



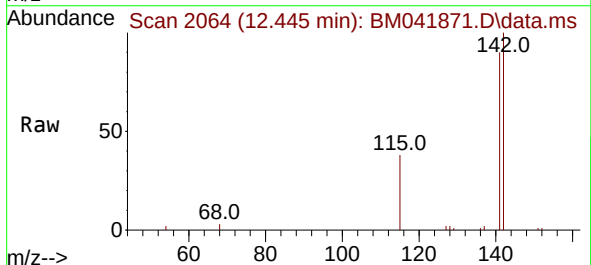
Tgt Ion:128 Resp: 39020
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 13.8 10.7 16.1

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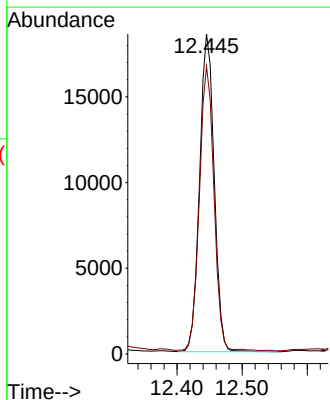
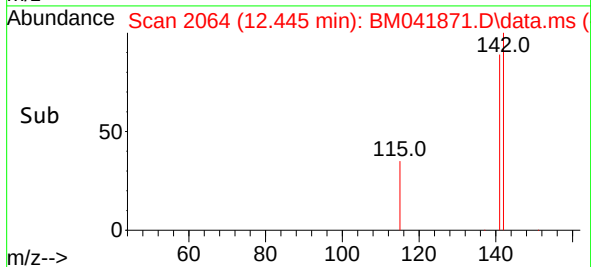
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

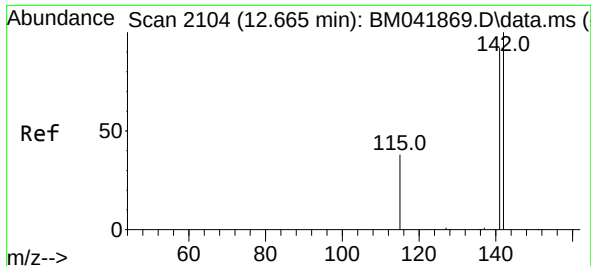


#7
2-Methylnaphthalene
Concen: 0.698 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25



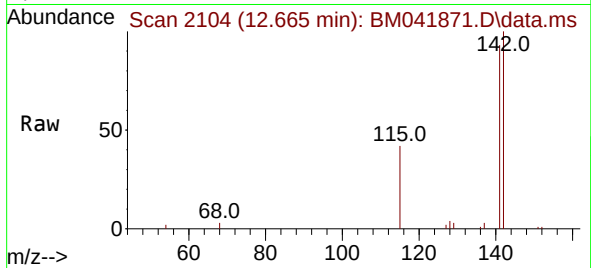
Tgt Ion:142 Resp: 28828
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.825 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

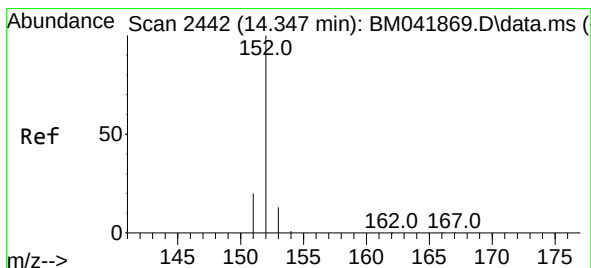
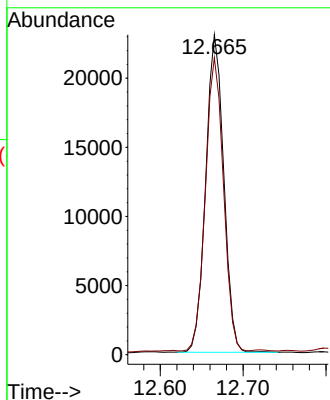
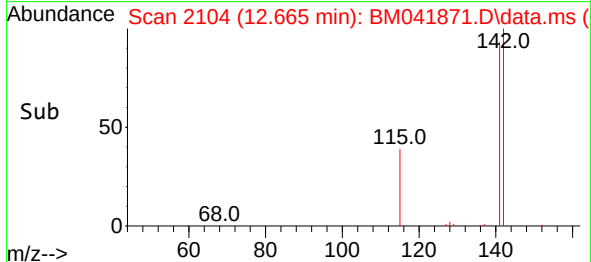
Instrument :
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Tgt Ion:142 Resp: 34744
Ion Ratio Lower Upper
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141 92.5 74.3 111.5

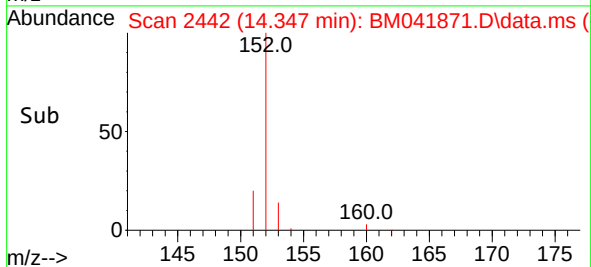
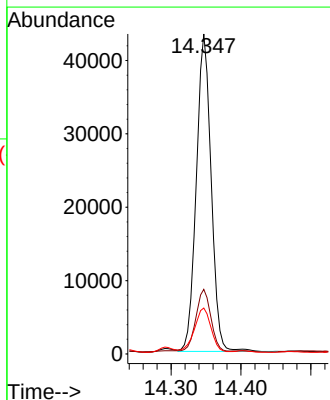
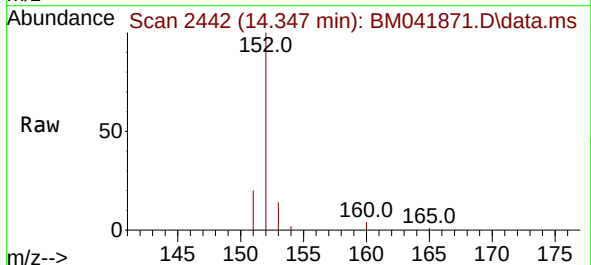
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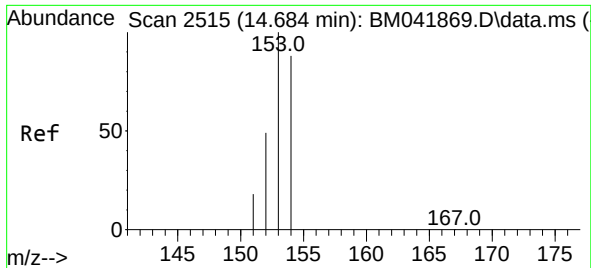
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#10
Acenaphthylene
Concen: 0.896 ng/ul
RT: 14.347 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

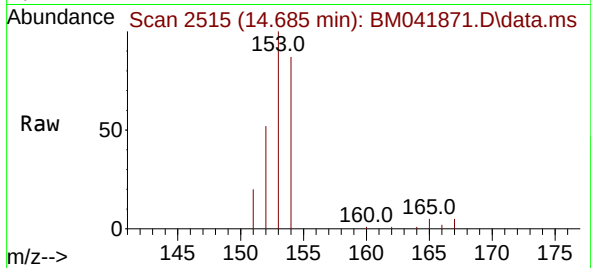
Tgt Ion:152 Resp: 63756
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.405 ng/u1
RT: 14.685 min Scan# 2153
Delta R.T. 0.005 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

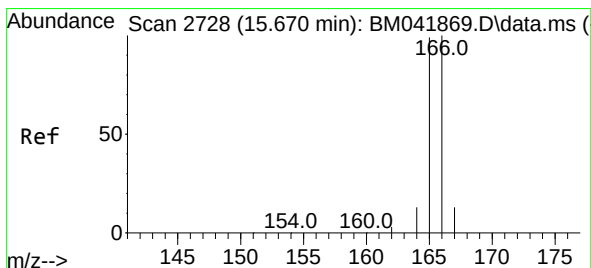
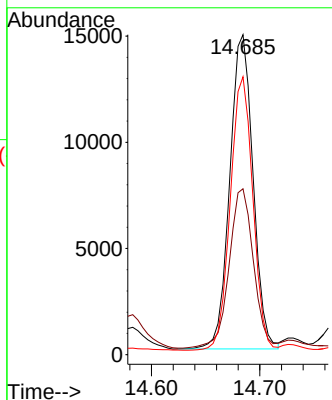
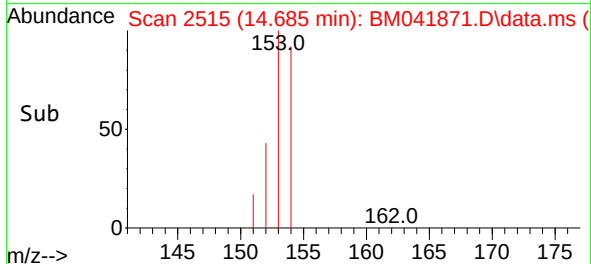
Instrument :
BNA_M
ClientSampleId :
EZYK4DL



Tgt Ion:153 Resp: 22064
Ion Ratio Lower Upper
153 100
152 51.8 41.5 62.3
154 86.8 70.7 106.1

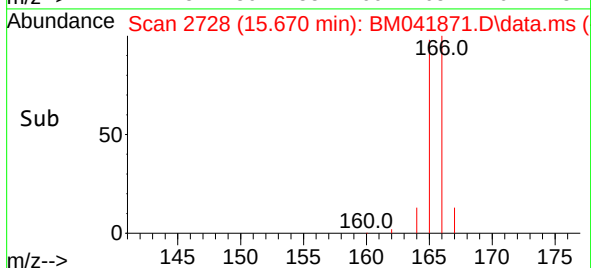
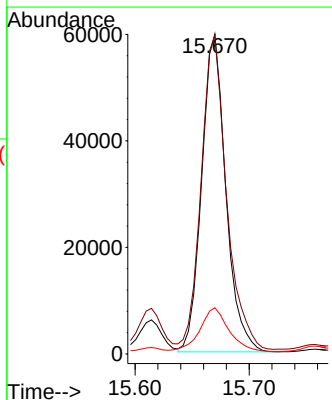
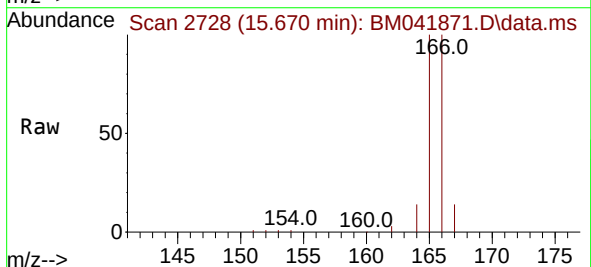
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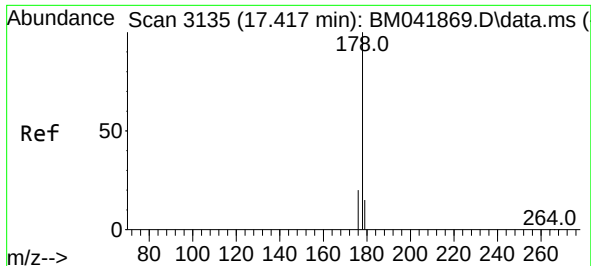
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#12
Fluorene
Concen: 1.376 ng/u1
RT: 15.670 min Scan# 2728
Delta R.T. 0.005 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

Tgt Ion:166 Resp: 87556
Ion Ratio Lower Upper
166 100
165 99.6 79.3 118.9
167 14.5 11.2 16.8





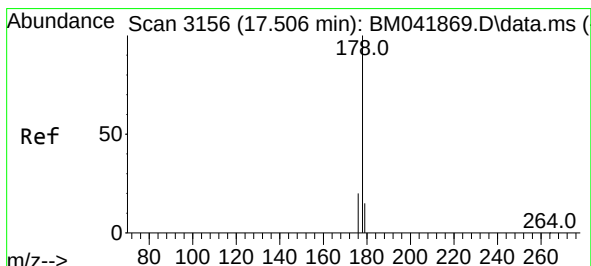
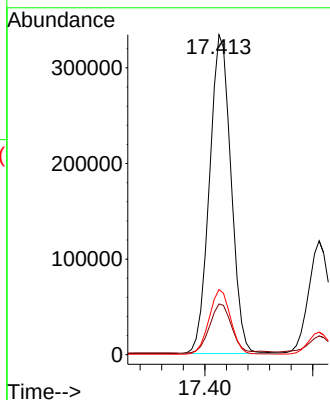
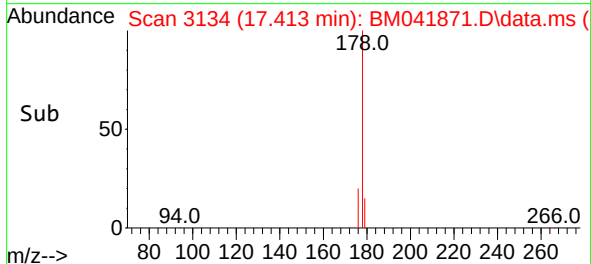
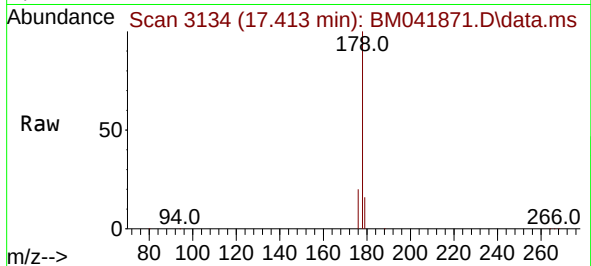
#15
Phenanthrene
Concen: 4.554 ng/u1
RT: 17.413 min Scan# 3113
Delta R.T. 0.004 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

Instrument :
BNA_M
ClientSampleId :
EZYK4DL

Tgt Ion:178 Resp: 46257
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.3 16.6 25.0

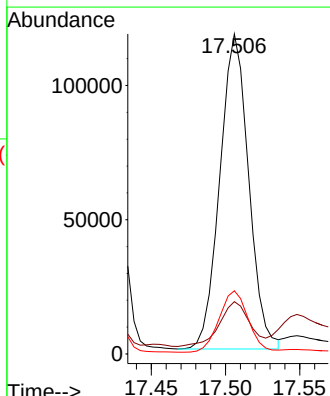
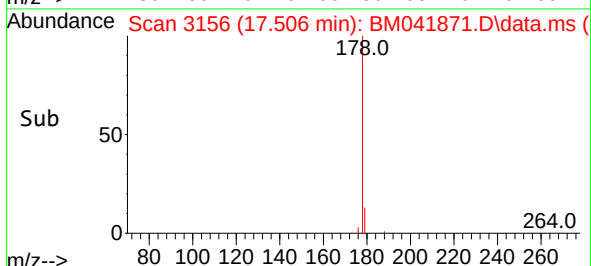
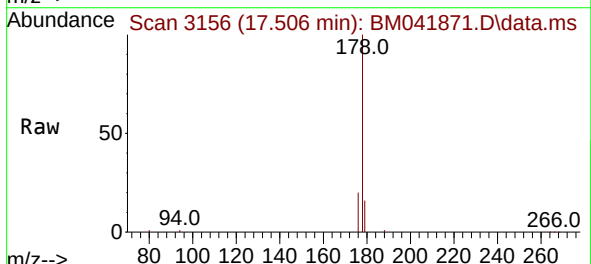
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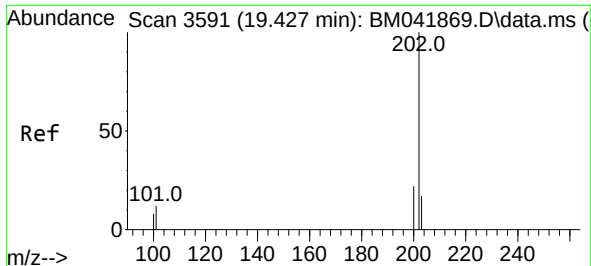
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#16
Anthracene
Concen: 1.791 ng/u1
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

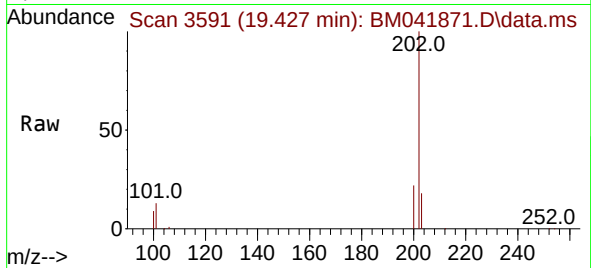
Tgt Ion:178 Resp: 158559
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 19.7 16.1 24.1





#19
Fluoranthene
Concen: 6.451 ng/u1
RT: 19.427 min Scan# 3591
Delta R.T. 0.009 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

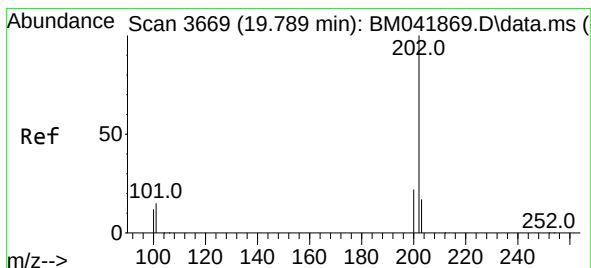
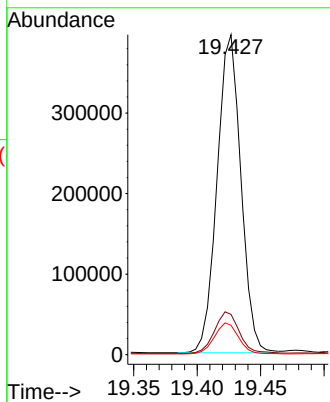
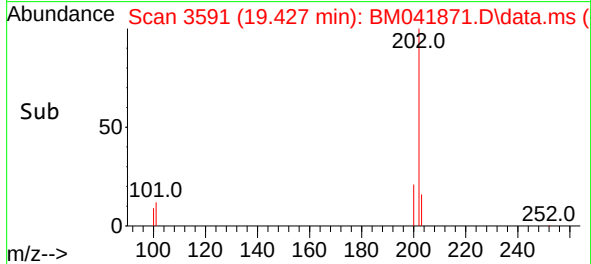
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EZYK4DL



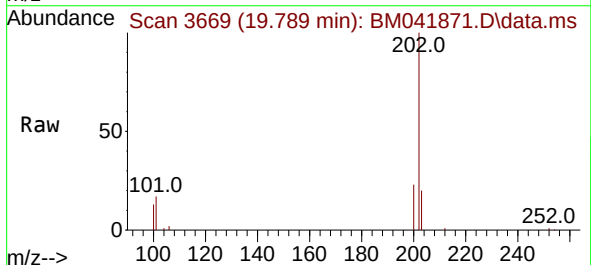
Tgt Ion:202 Resp: 51625
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.6
100 9.2 8.2 12.4

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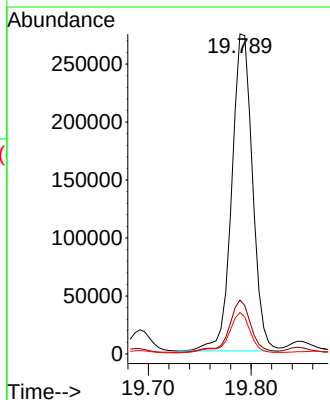
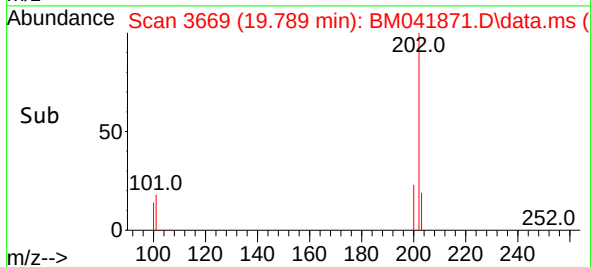
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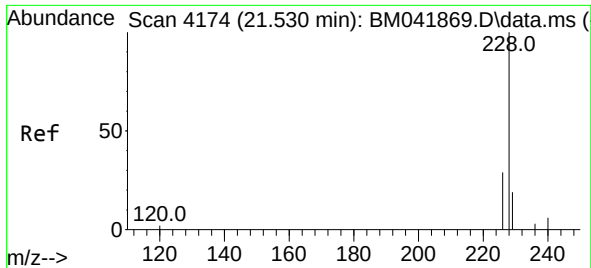


#20
Pyrene
Concen: 4.566 ng/u1
RT: 19.789 min Scan# 3669
Delta R.T. 0.005 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25



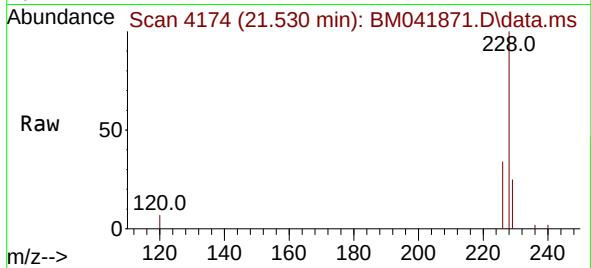
Tgt Ion:202 Resp: 382592
Ion Ratio Lower Upper
202 100
101 16.9 12.6 19.0
100 13.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 2.519 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. 0.009 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

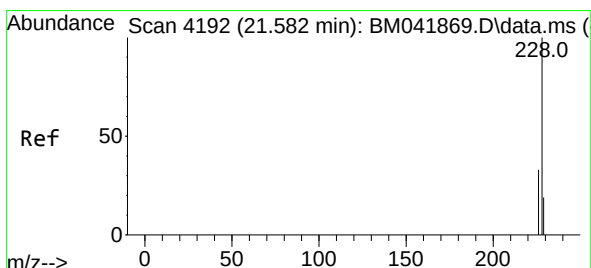
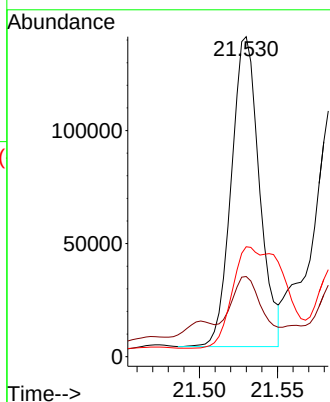
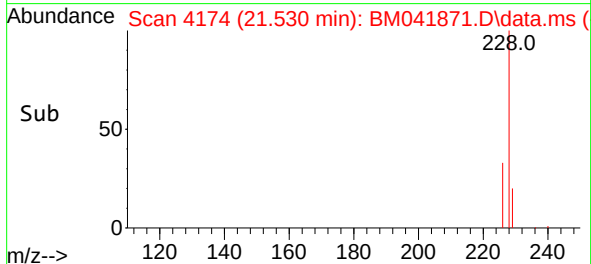
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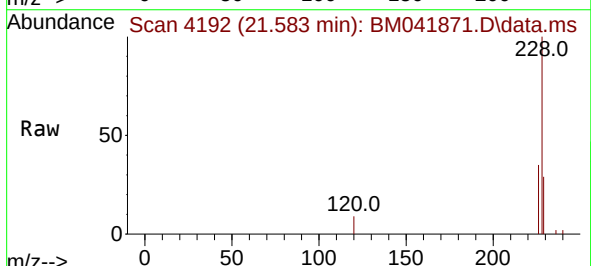
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Ion Ratio Lower Upper
228 100
229 25.1 15.8 23.8
226 34.3 24.3 36.5

Manual Integrations
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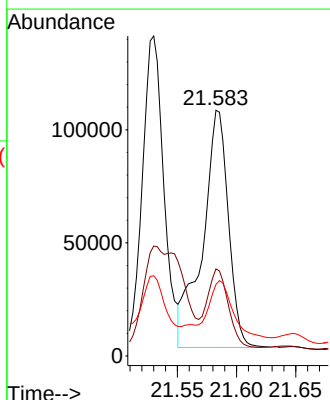
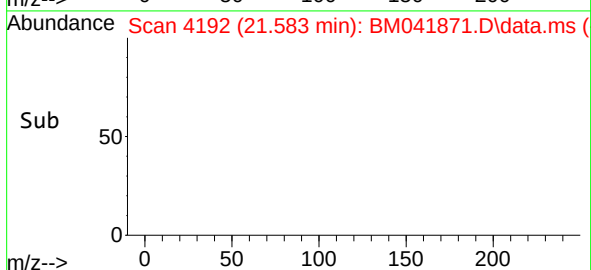
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

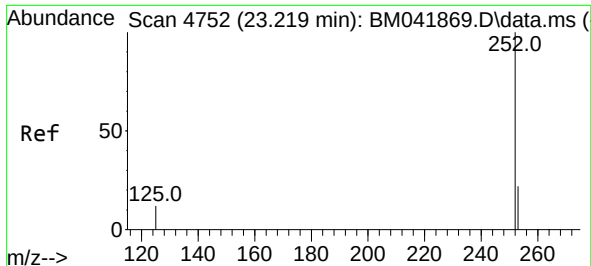


#22
Chrysene
Concen: 2.285 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. 0.006 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25



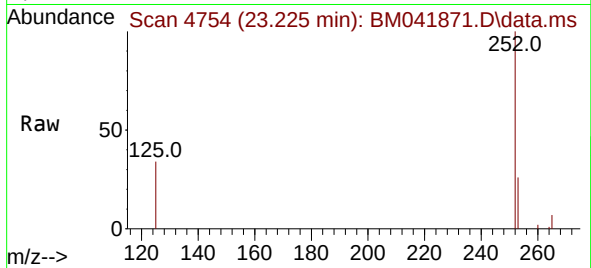
Tgt Ion:228 Resp: 159419
Ion Ratio Lower Upper
228 100
226 35.4 27.0 40.4
229 29.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.175 ng/ul
RT: 23.225 min Scan# 4754
Delta R.T. 0.017 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

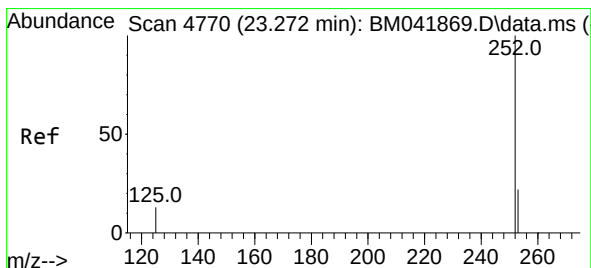
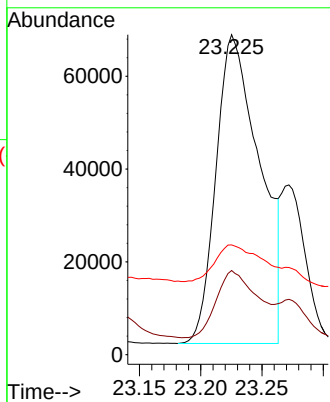
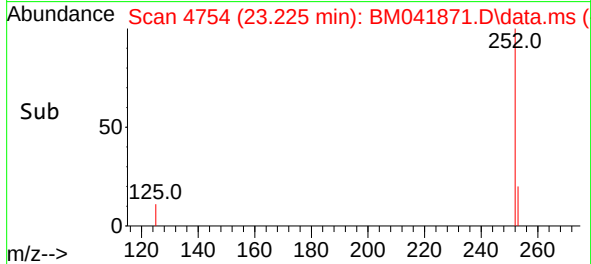
Instrument :
BNA_M
ClientSampleId :
EZYK4DL



Tgt Ion:252 Resp: 16514
Ion Ratio Lower Upper
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253 26.3 0.0 51.0
125 34.3 0.0 39.8

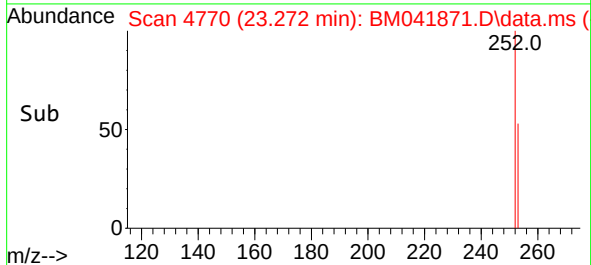
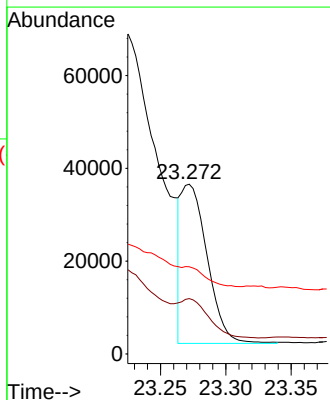
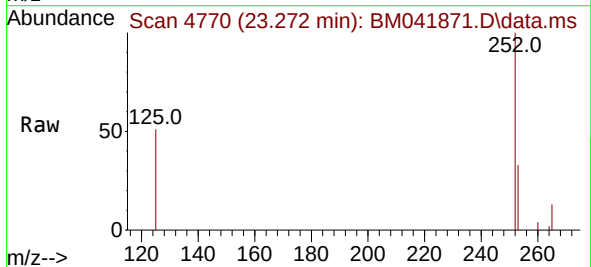
Manual Integrations
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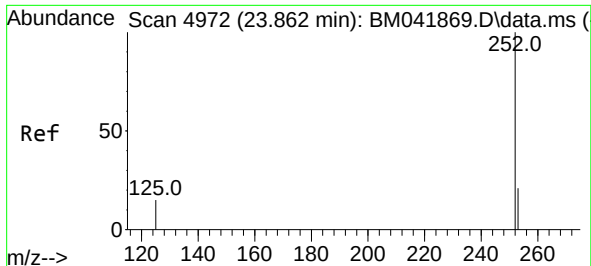
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#25
Benzo(k)fluoranthene
Concen: 0.683 ng/ul m
RT: 23.272 min Scan# 4770
Delta R.T. 0.012 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

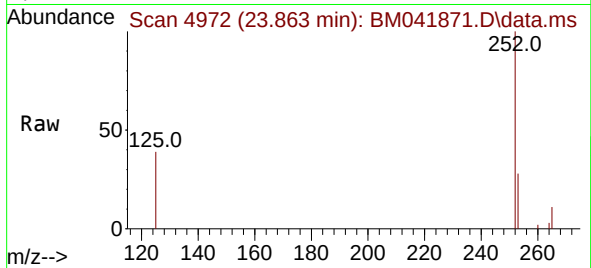
Tgt Ion:252 Resp: 47798
Ion Ratio Lower Upper
252 100
253 32.6 20.2 30.2#
125 51.4 15.8 23.8#





#26
Benzo(a)pyrene
Concen: 1.413 ng/ul
RT: 23.863 min Scan# 4972
Delta R.T. 0.017 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

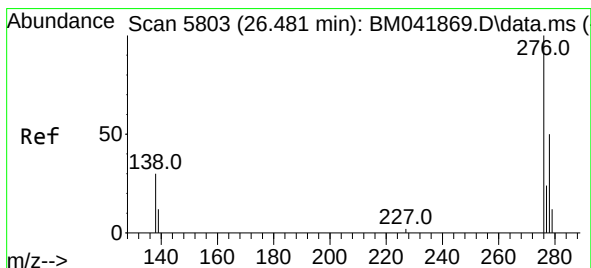
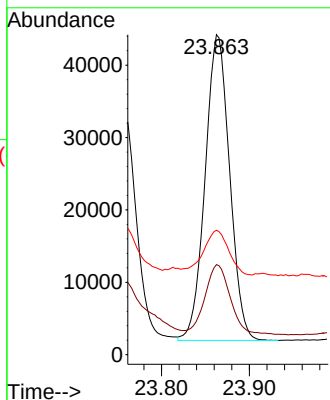
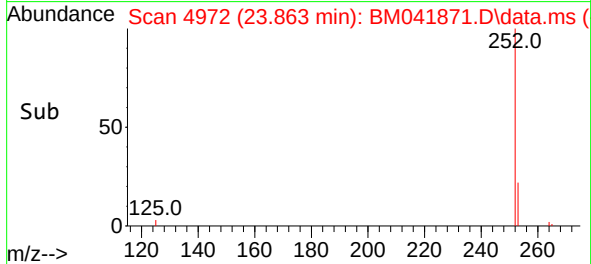
Instrument :
BNA_M
ClientSampleId :
EZYK4DL



Tgt Ion:252 Resp: 8181
Ion Ratio Lower Upper
252 100
253 28.2 21.8 32.8
125 38.9 18.8 28.2

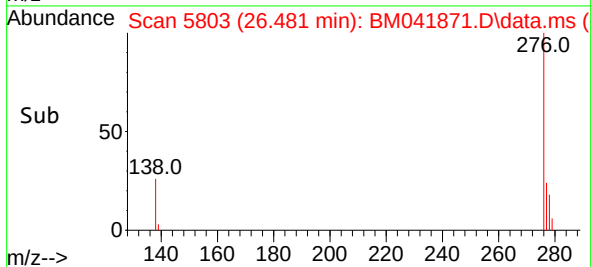
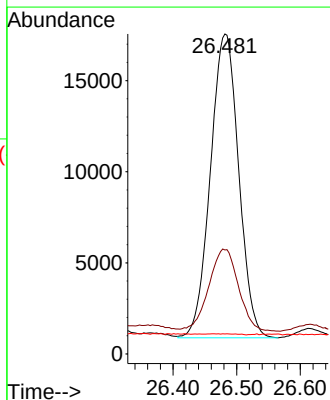
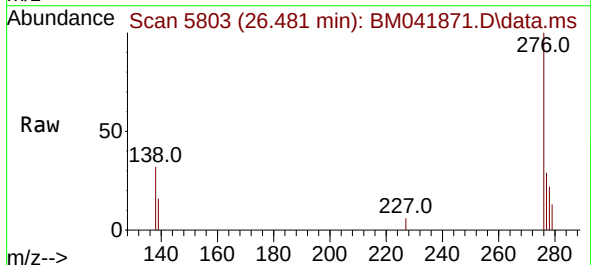
Manual Integrations
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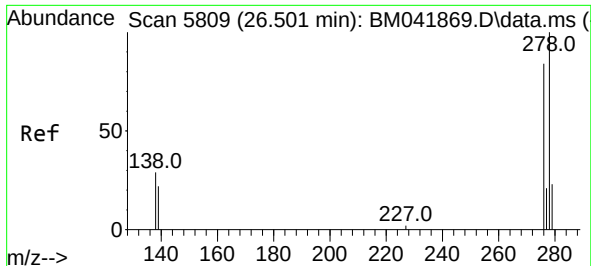
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.579 ng/ul
RT: 26.481 min Scan# 5803
Delta R.T. 0.027 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

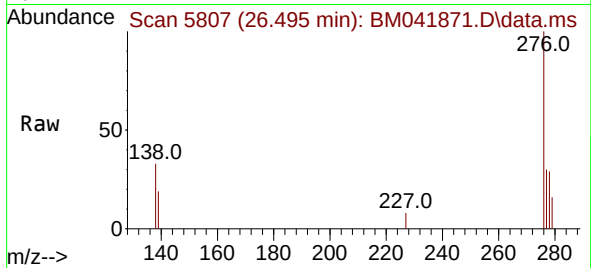
Tgt Ion:276 Resp: 51555
Ion Ratio Lower Upper
276 100
138 28.4 27.7 41.5
227 0.5 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 26.495 min Scan# 5809
Delta R.T. 0.020 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25

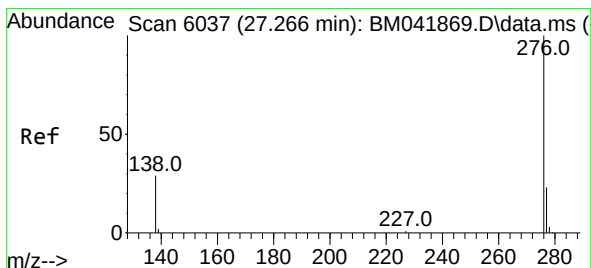
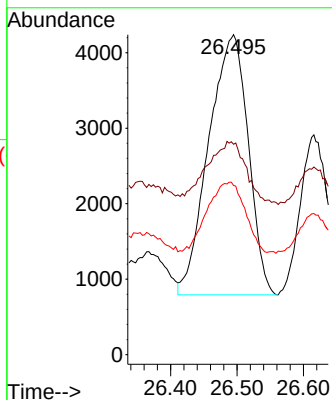
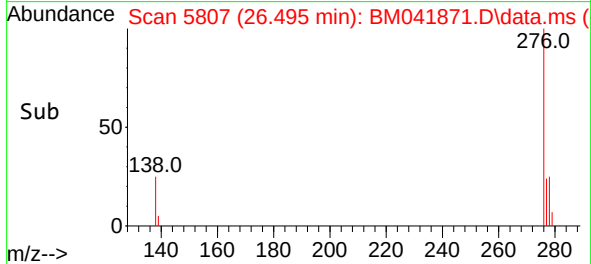
Instrument :
BNA_M
ClientSampleId :
EZYK4DL



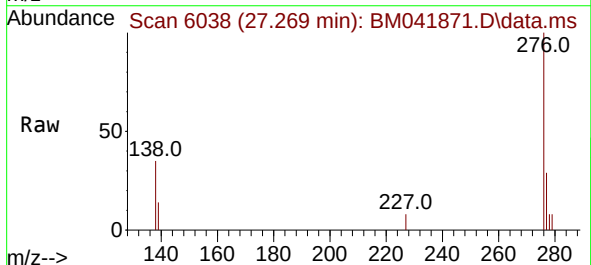
Tgt Ion:278 Resp: 1425
Ion Ratio Lower Upper
278 100
139 65.7 20.9 31.3
279 52.9 20.3 30.5

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Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023



#29
Benzo(g,h,i)perylene
Concen: 0.578 ng/ul
RT: 27.269 min Scan# 6038
Delta R.T. 0.033 min
Lab File: BM041871.D
Acq: 14 Sep 2023 19:25



Tgt Ion:276 Resp: 43504
Ion Ratio Lower Upper
276 100
138 34.6 24.7 37.1
277 28.8 19.3 28.9

