

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040375.D
 Acq On : 23 Jun 2023 14:53
 Operator : MA/JU
 Sample : 03084-03DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:37:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7944	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	28094	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	13710	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	26917	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	19788	0.400	ng/ul	0.00
23) Perylene-d12	23.927	264	16965	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7684	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1839	0.047	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	3174	0.050	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.810	128	6186	0.080	ng/ul#	94
7) 2-Methylnaphthalene	12.421	142	2851	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.641	142	1920	0.042	ng/ul	98
10) Acenaphthylene	14.312	152	9710	0.159	ng/ul	98
11) Acenaphthene	14.650	153	2021	0.039	ng/ul	97
12) Fluorene	15.635	166	2216	0.040	ng/ul#	96
15) Phenanthrene	17.377	178	65119	0.779	ng/ul	99
16) Anthracene	17.466	178	9853	0.140	ng/ul	95
19) Fluoranthene	19.387	202	153833	1.830	ng/ul	97
20) Pyrene	19.750	202	122560	1.360	ng/ul	99
21) Benzo(a)anthracene	21.495	228	63545	0.949	ng/ul	98
22) Chrysene	21.550	228	76488	1.002	ng/ul	97
24) Benzo(b)fluoranthene	23.193	252	107888	1.643	ng/ul	93
25) Benzo(k)fluoranthene	23.234	252	34108m	0.527	ng/ul	
26) Benzo(a)pyrene	23.818	252	58769	0.994	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.431	276	46223	0.561	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.441	278	12046	0.187	ng/ul#	88
29) Benzo(g,h,i)perylene	27.205	276	43535	0.603	ng/ul	98

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

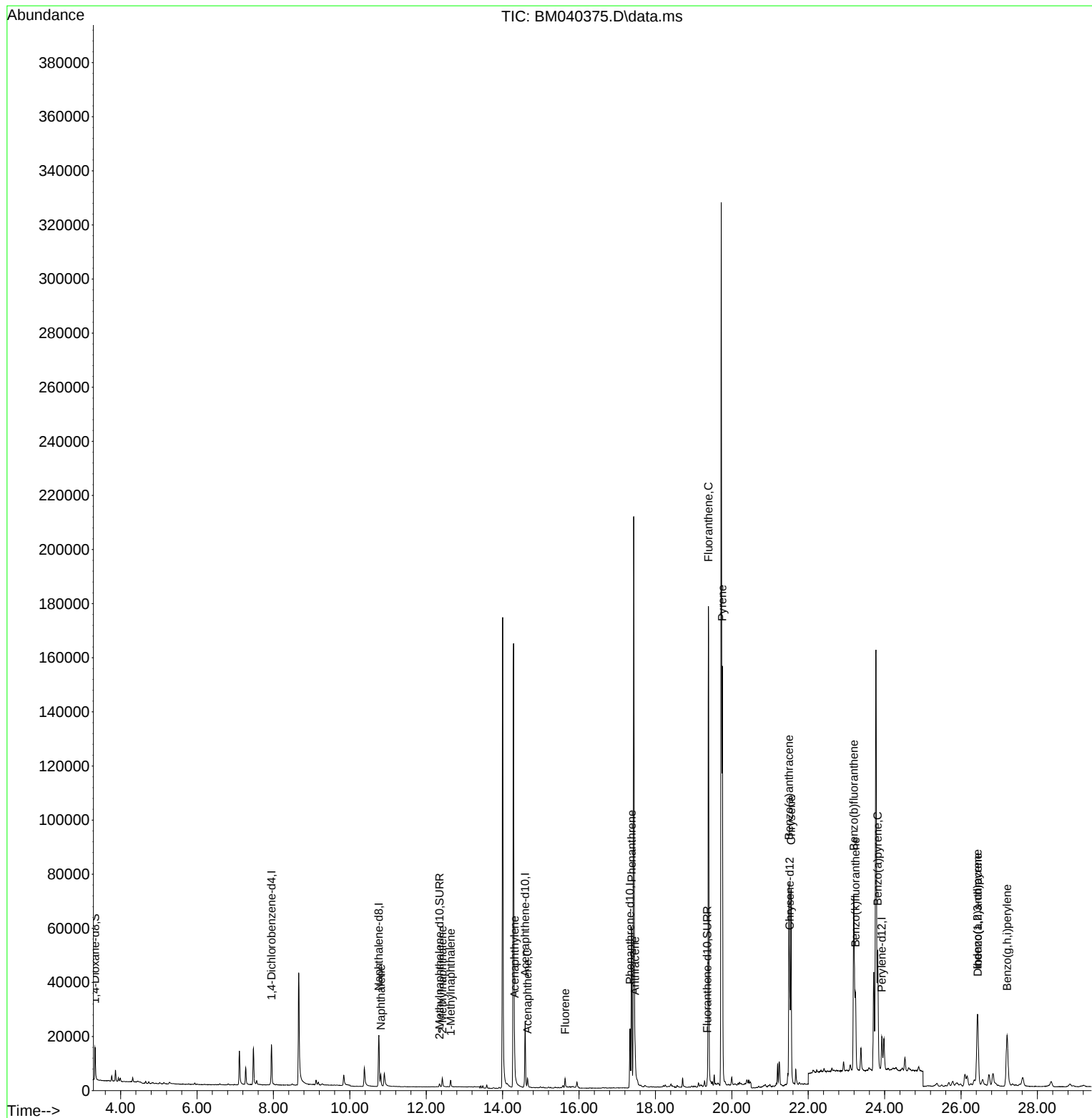
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040375.D
Acq On : 23 Jun 2023 14:53
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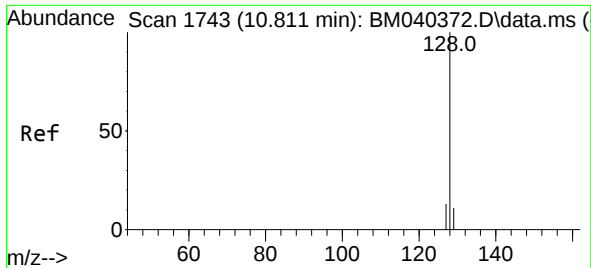
Instrument :
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Quant Time: Jun 24 01:37:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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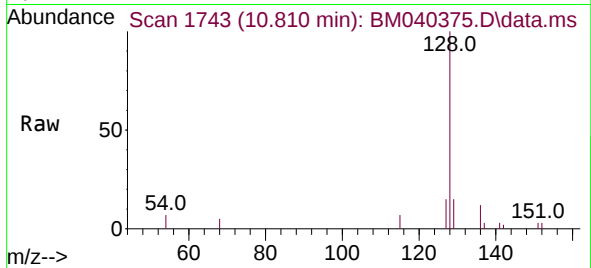
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023





#5
Naphthalene
Concen: 0.080 ng/ul
RT: 10.810 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

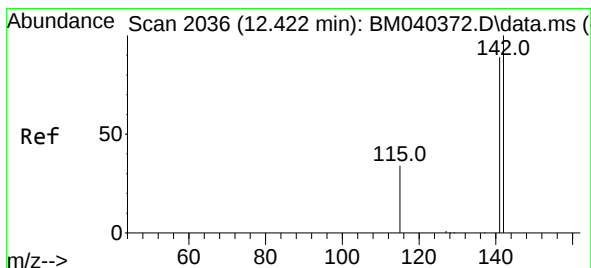
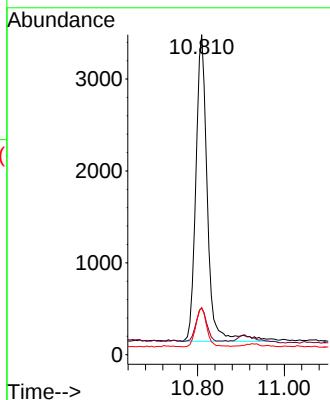
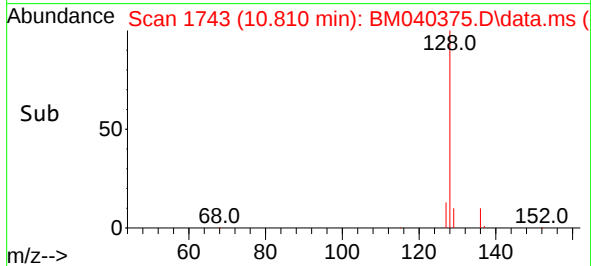
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:128 Resp: 6180
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8
127 14.7 10.6 15.8

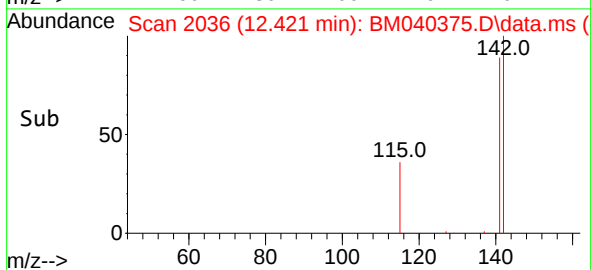
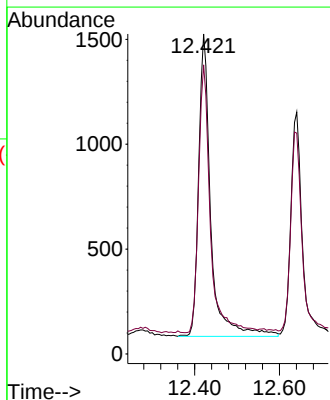
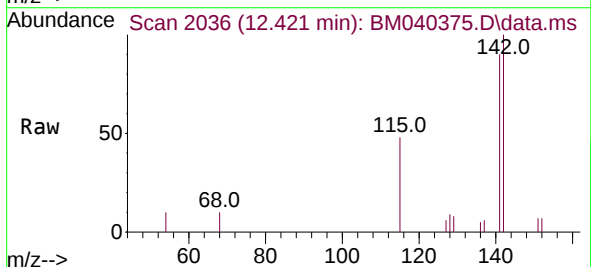
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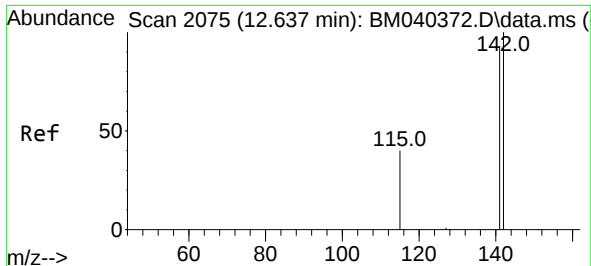
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.421 min Scan# 2036
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

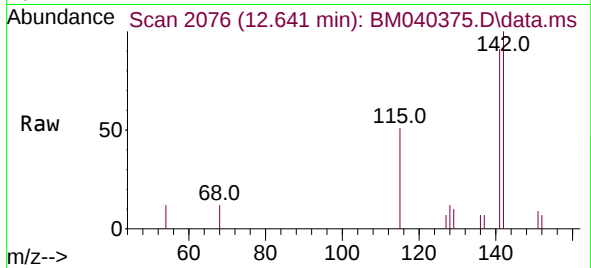
Tgt Ion:142 Resp: 2851
Ion Ratio Lower Upper
142 100
141 85.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.641 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

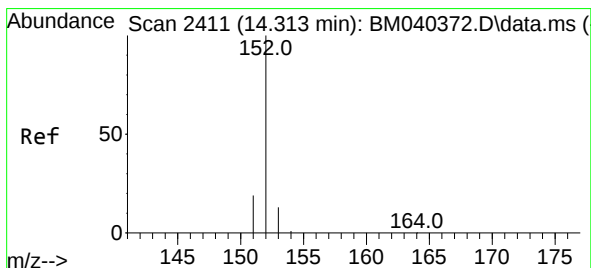
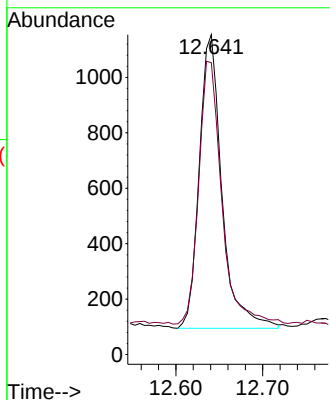
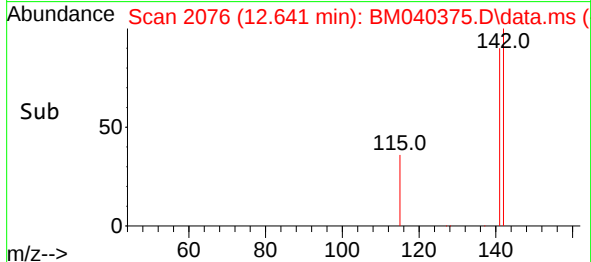
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:142 Resp: 1920
Ion Ratio Lower Upper
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141 90.2 73.7 110.5

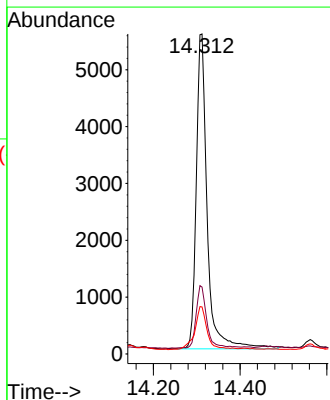
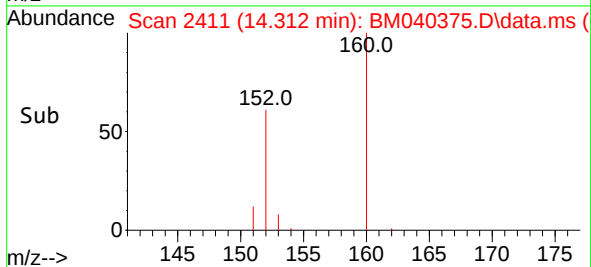
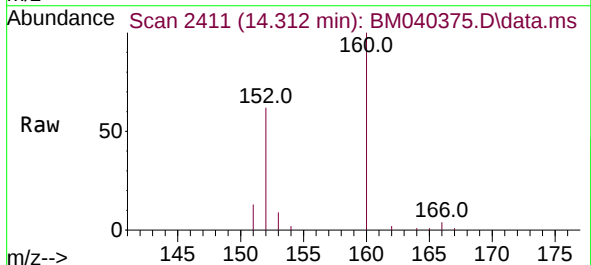
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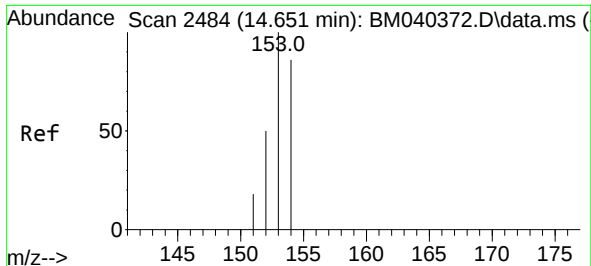
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.159 ng/ul
RT: 14.312 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

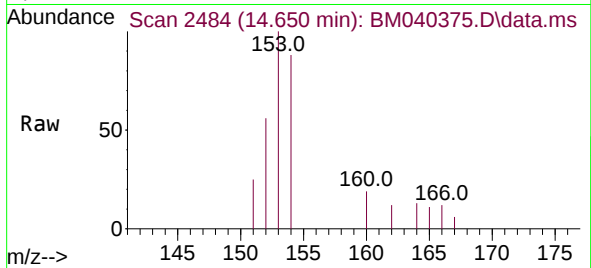
Tgt Ion:152 Resp: 9710
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.7 10.9 16.3





#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.650 min Scan# 2484
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

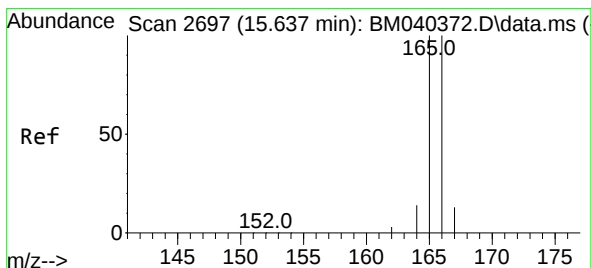
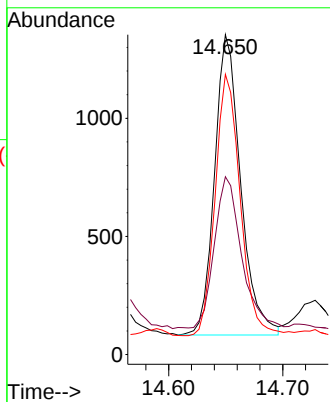
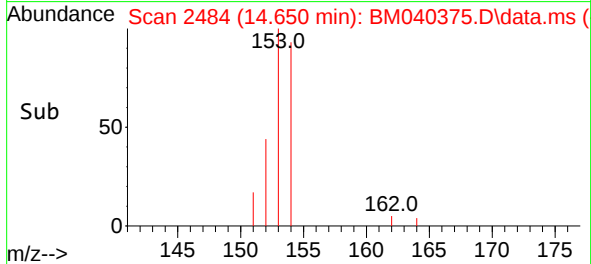
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:153 Resp: 2021
Ion Ratio Lower Upper
153 100
152 55.6 41.0 61.4
154 87.6 70.8 106.2

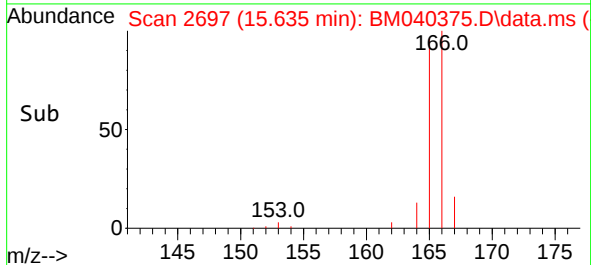
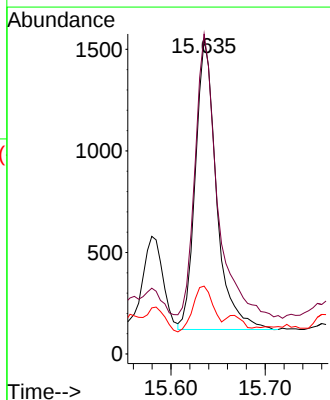
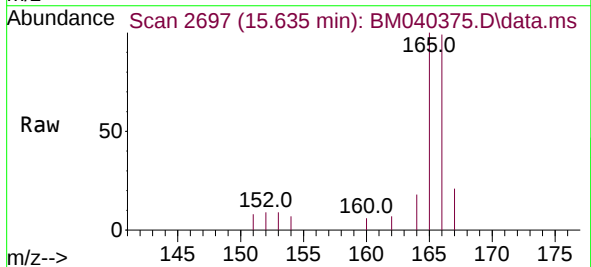
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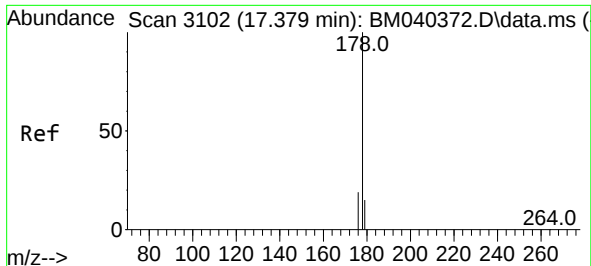
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.635 min Scan# 2697
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

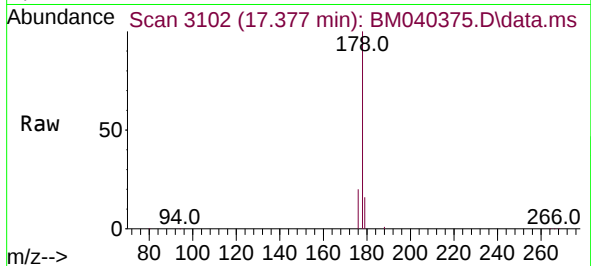
Tgt Ion:166 Resp: 2216
Ion Ratio Lower Upper
166 100
165 101.5 79.6 119.4
167 21.5 11.4 17.0#





#15
Phenanthrene
Concen: 0.779 ng/u1
RT: 17.377 min Scan# 3102
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

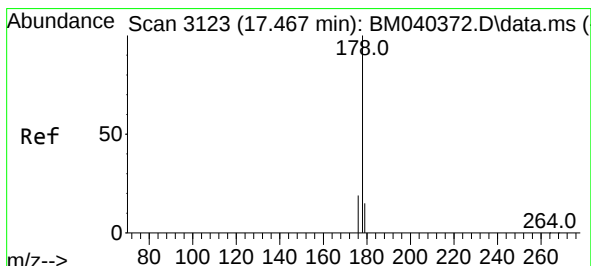
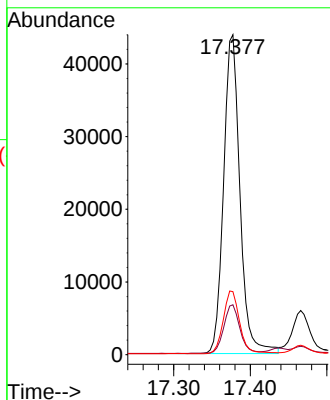
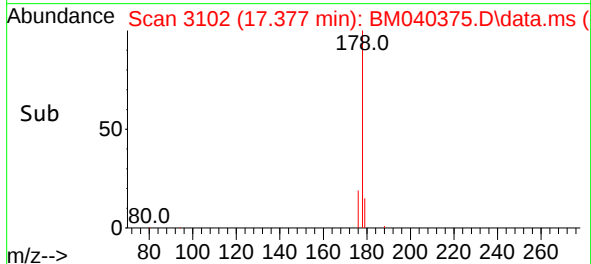
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:178 Resp: 65119
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.7 16.4 24.6

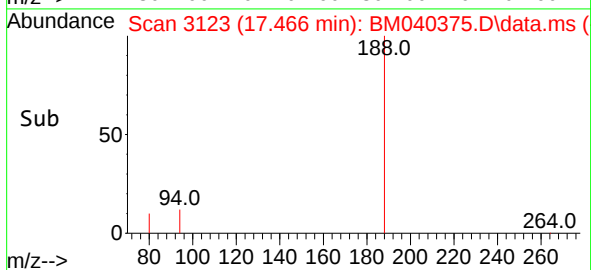
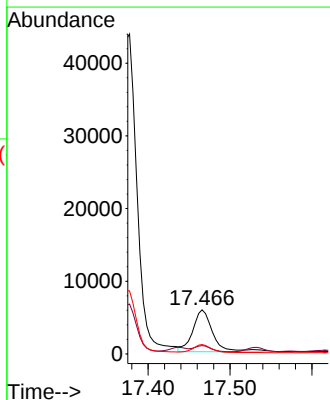
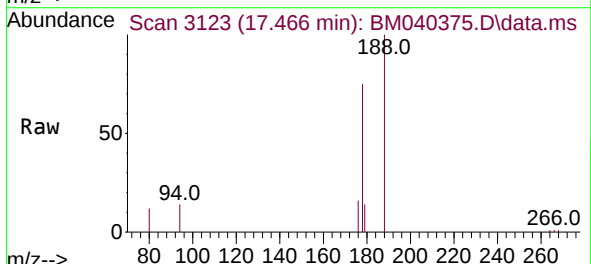
Manual Integrations
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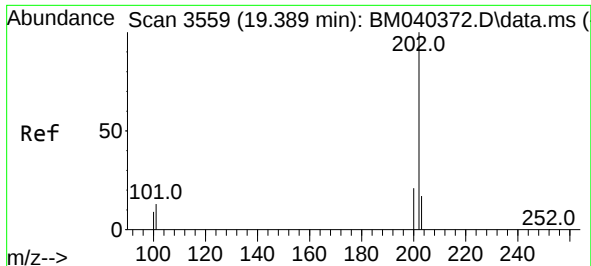
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.140 ng/u1
RT: 17.466 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

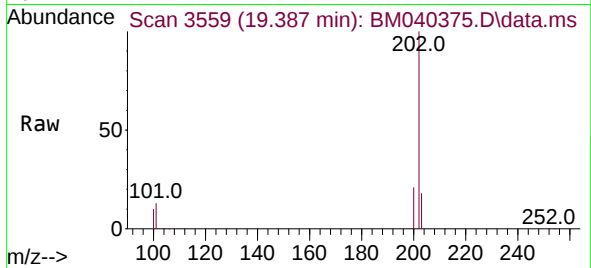
Tgt Ion:178 Resp: 9853
Ion Ratio Lower Upper
178 100
179 18.7 12.9 19.3
176 21.4 15.8 23.6





#19
Fluoranthene
Concen: 1.830 ng/ul
RT: 19.387 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

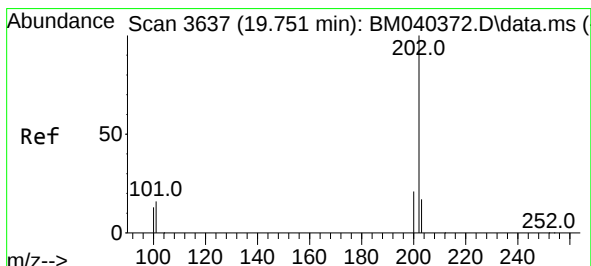
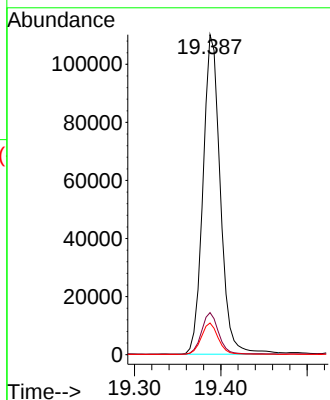
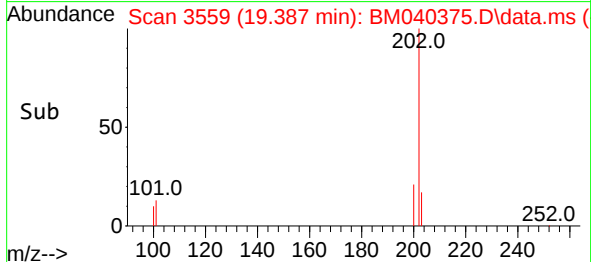
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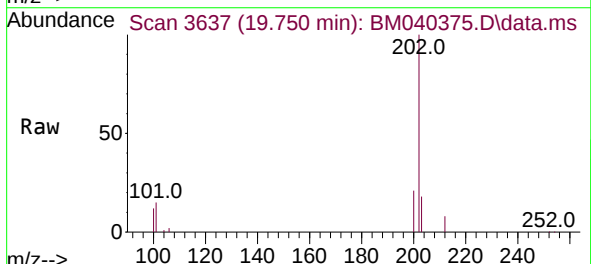
Tgt Ion:202 Resp: 15383
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 9.9 8.7 13.1

Manual Integrations
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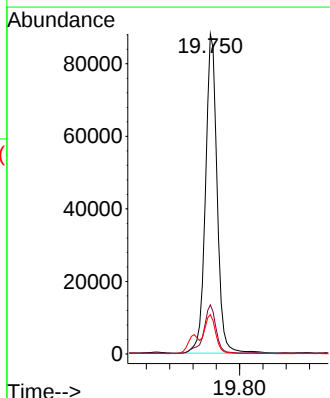
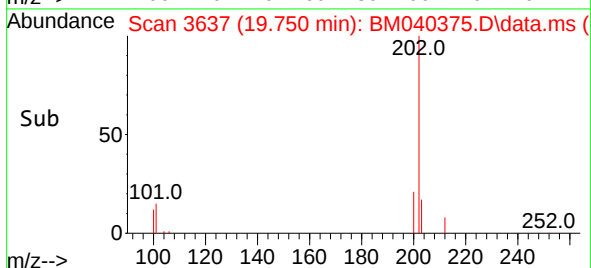
Reviewed By :Yogesh Patel 06/24/2023
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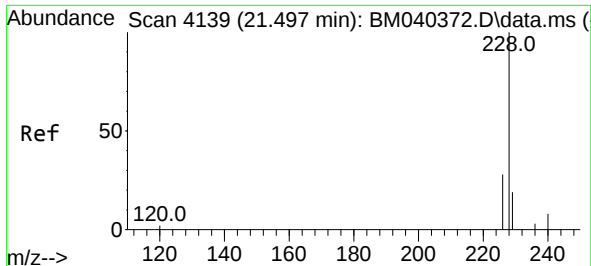


#20
Pyrene
Concen: 1.360 ng/ul
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53



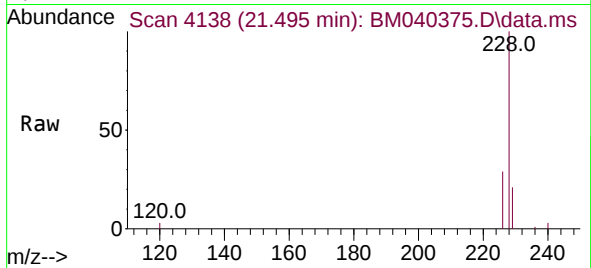
Tgt Ion:202 Resp: 122560
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.949 ng/u1
RT: 21.495 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

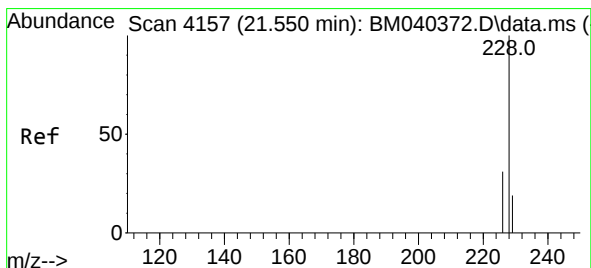
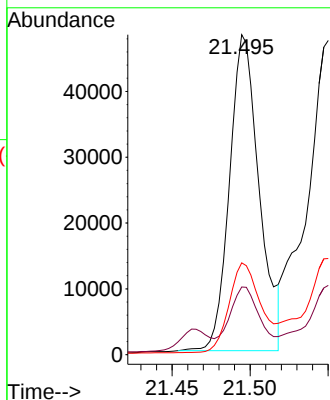
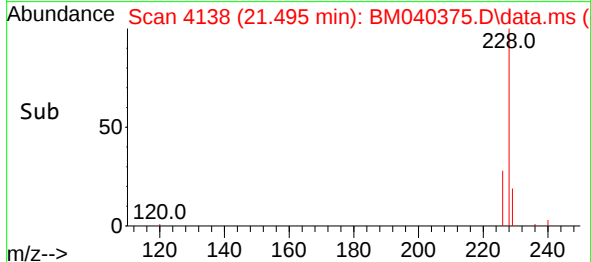
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:228 Resp: 63549
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.7 22.3 33.5

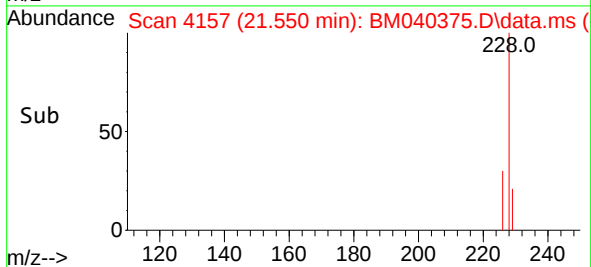
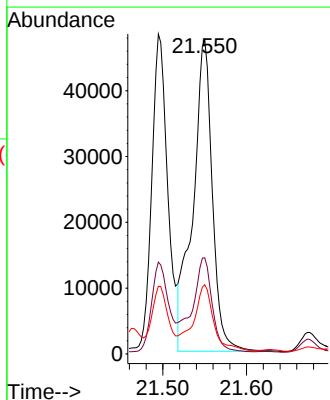
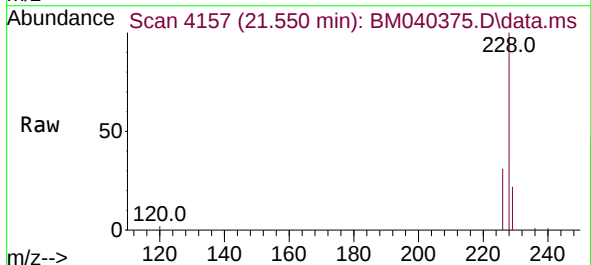
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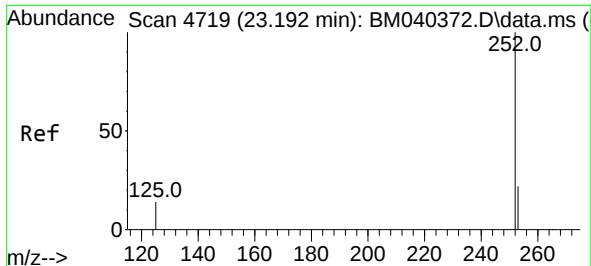
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 1.002 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

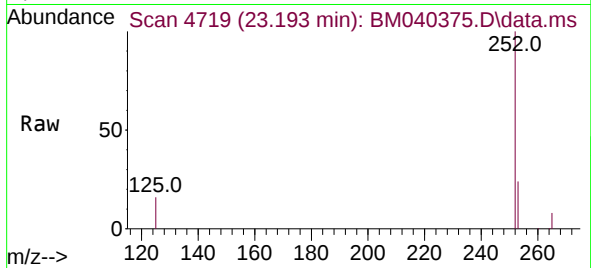
Tgt Ion:228 Resp: 76488
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.643 ng/ul
RT: 23.193 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

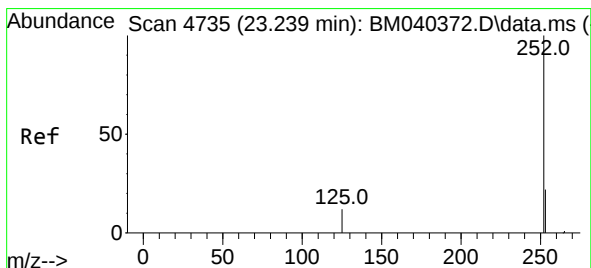
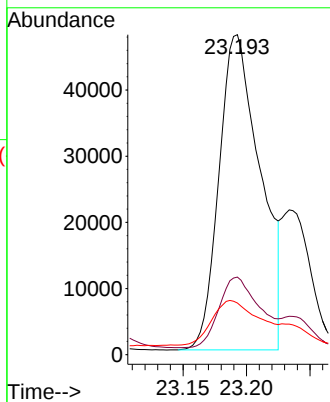
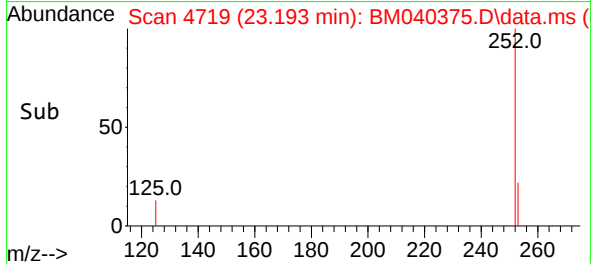
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:252 Resp: 10788
Ion Ratio Lower Upper
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253 24.2 0.0 52.8
125 16.2 0.0 43.0

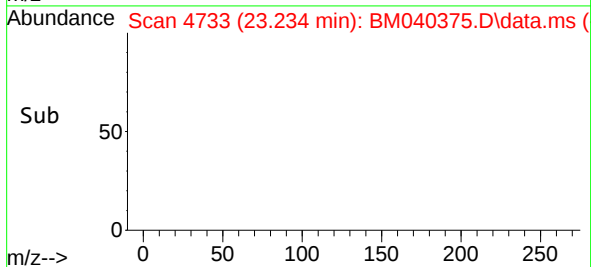
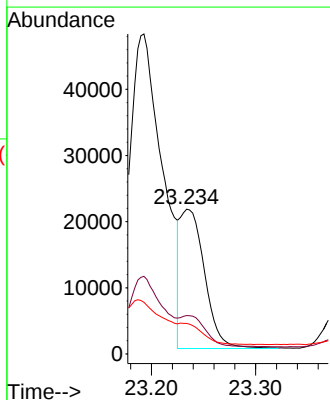
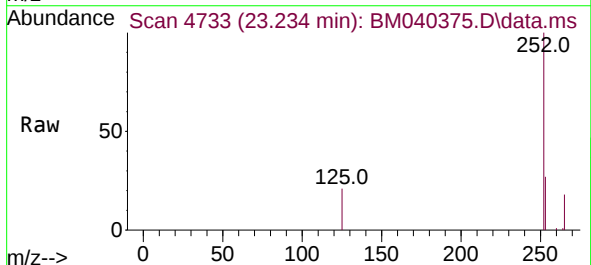
Manual Integrations
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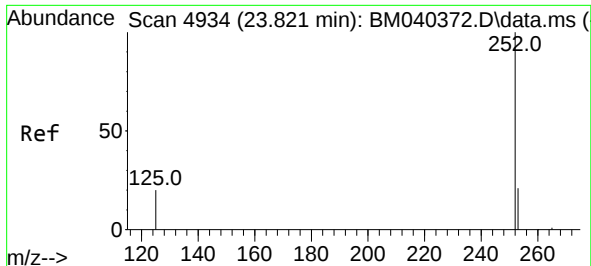
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.527 ng/ul m
RT: 23.234 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

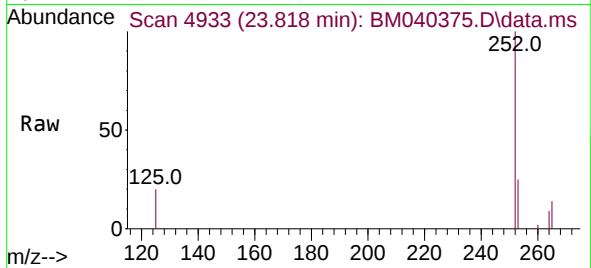
Tgt Ion:252 Resp: 34108
Ion Ratio Lower Upper
252 100
253 26.5 21.2 31.8
125 21.1 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.994 ng/ul
RT: 23.818 min Scan# 4934
Delta R.T. -0.006 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

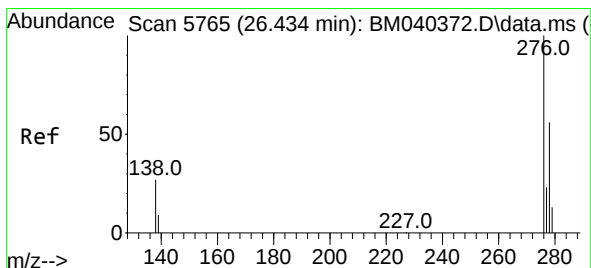
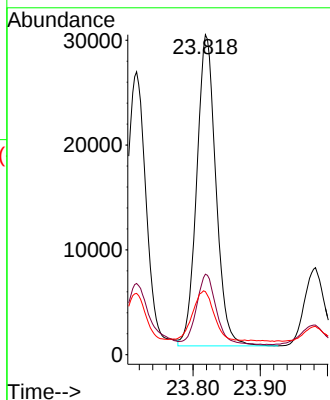
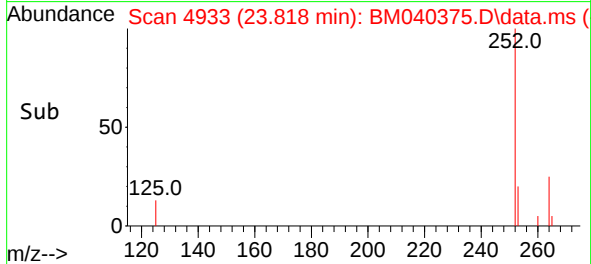
Instrument :
BNA_M
ClientSampleId :
DCFM0DL



Tgt Ion:252 Resp: 58769
Ion Ratio Lower Upper
252 100
253 25.2 22.9 34.3
125 19.7 21.0 31.4

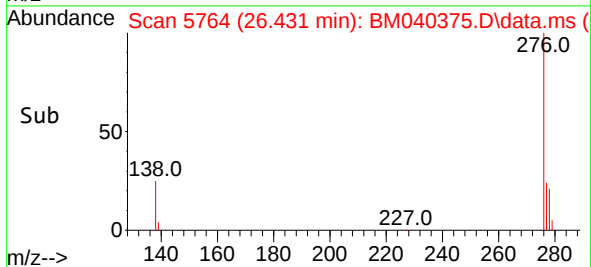
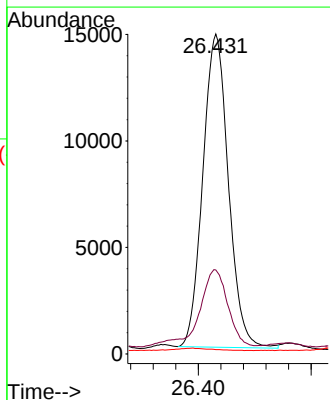
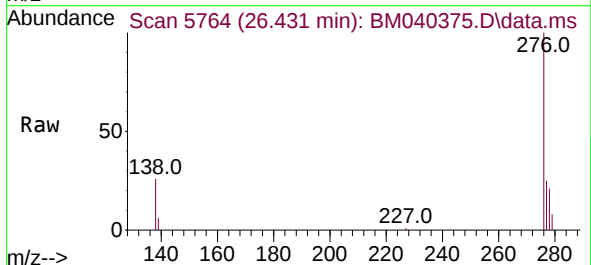
Manual Integrations
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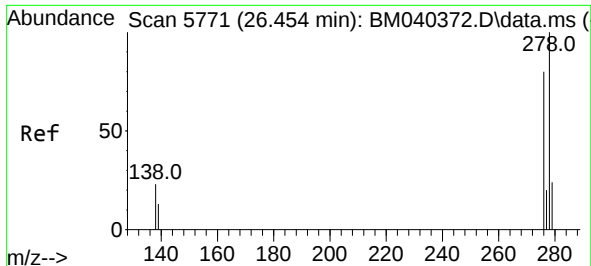
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.561 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:276 Resp: 46223
Ion Ratio Lower Upper
276 100
138 27.9 24.5 36.7
227 0.0 0.1 0.1





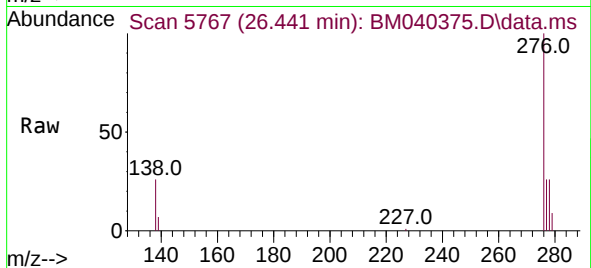
#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Instrument :

BNA_M

ClientSampleId :

DCFM0DL

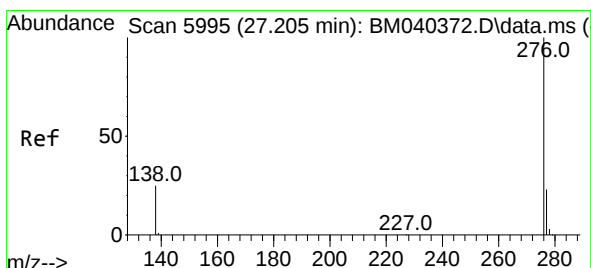
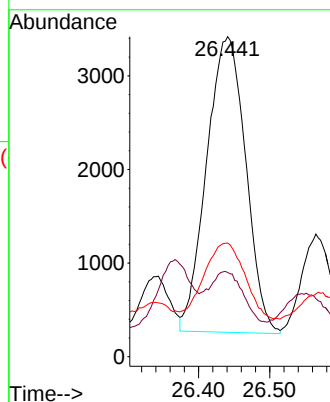


Tgt Ion:278 Resp: 12040
Ion Ratio Lower Upper
278 100
139 26.3 17.9 26.9
279 35.5 22.0 33.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 0.603 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040375.D
Acq: 23 Jun 2023 14:53

Tgt Ion:276 Resp: 43535
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.6
277 24.5 20.3 30.5

