

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040377.D
 Acq On : 23 Jun 2023 16:07
 Operator : MA/JU
 Sample : 03084-12DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM9DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:37:24 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	7805	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	28179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	13721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	27815	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	18455	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	17924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6142	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	1497	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	2922	0.049	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.811	128	7489	0.096	ng/ul#	96
7) 2-Methylnaphthalene	12.422	142	3863	0.085	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	4252	0.093	ng/ul	99
10) Acenaphthylene	14.309	152	81906	1.336	ng/ul	100
11) Acenaphthene	14.651	153	7791	0.151	ng/ul	98
12) Fluorene	15.637	166	18809	0.340	ng/ul	100
15) Phenanthrene	17.374	178	428422	4.959	ng/ul	98
16) Anthracene	17.467	178	62292	0.858	ng/ul	99
19) Fluoranthene	19.389	202	1003087	12.796	ng/ul	95
20) Pyrene	19.751	202	710492	8.454	ng/ul	97
21) Benzo(a)anthracene	21.497	228	354660	5.681	ng/ul	99
22) Chrysene	21.550	228	356480	5.006	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	469656	6.771	ng/ul	88
25) Benzo(k)fluoranthene	23.236	252	164900m	2.412	ng/ul	
26) Benzo(a)pyrene	23.818	252	288396	4.616	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	195420	2.246	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.441	278	48058	0.705	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	170389	2.234	ng/ul	95

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

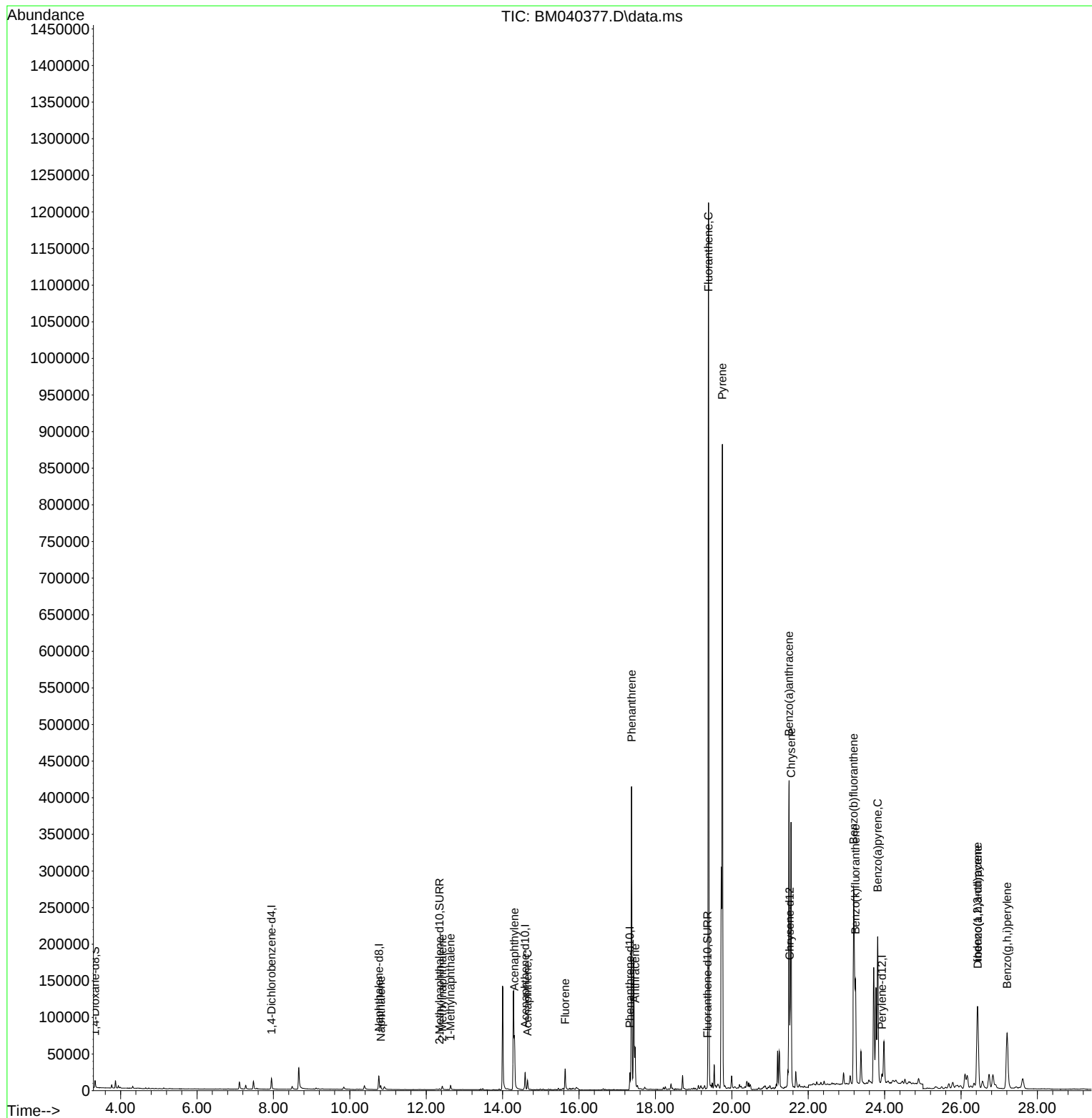
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040377.D
Acq On : 23 Jun 2023 16:07
Operator : MA/JU
Sample : 03084-12DL 5X
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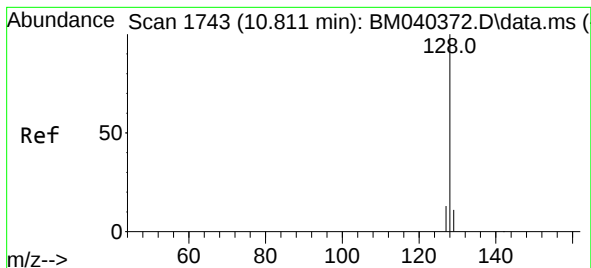
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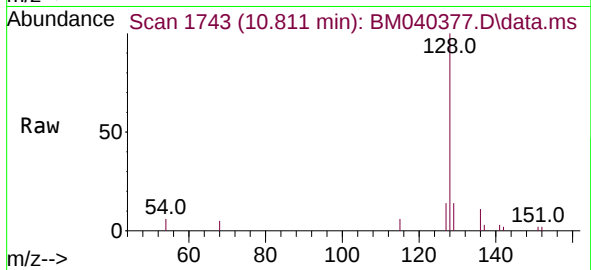
Quant Time: Jun 24 01:37:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

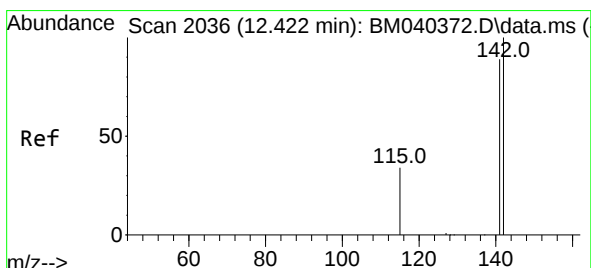
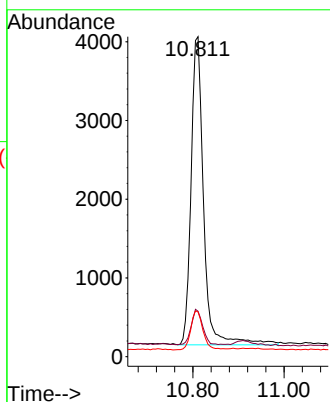
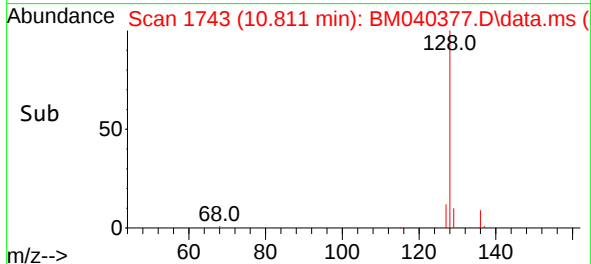
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



Tgt Ion:128 Resp: 7489
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 14.0 10.6 15.8

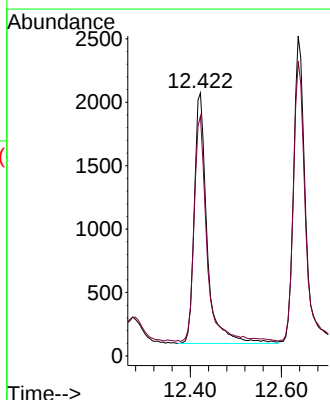
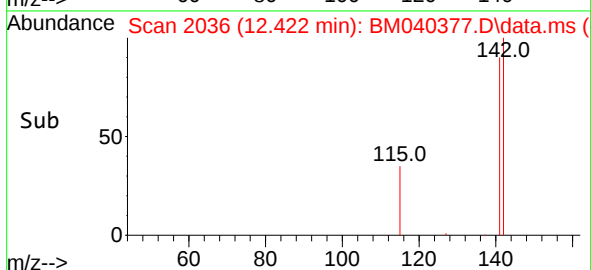
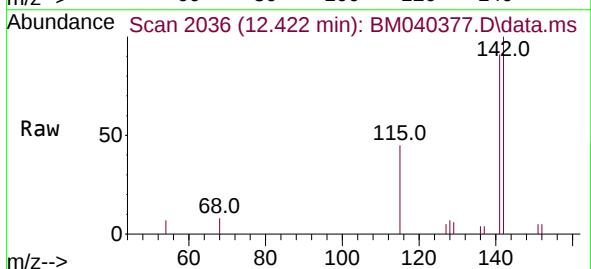
Manual Integrations
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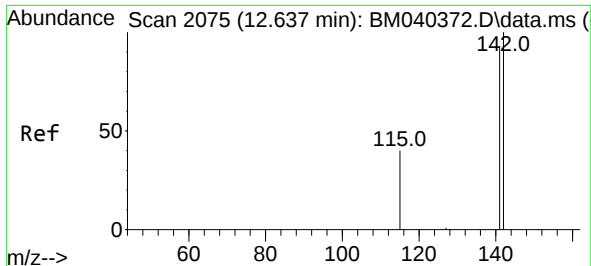
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

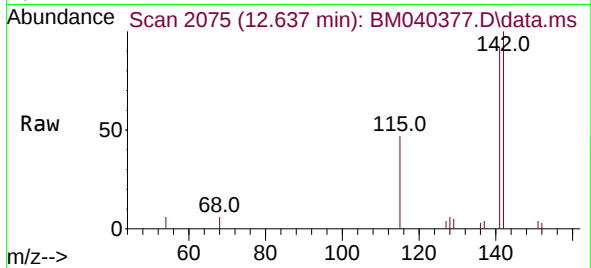
Tgt Ion:142 Resp: 3863
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.093 ng/u1
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

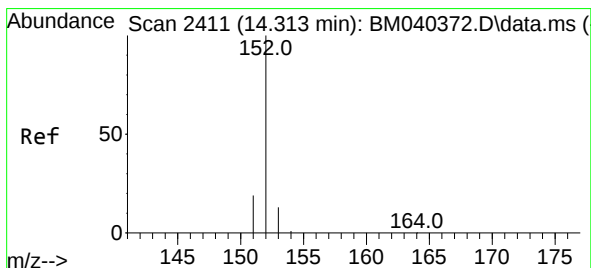
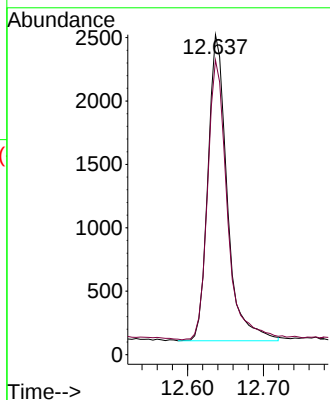
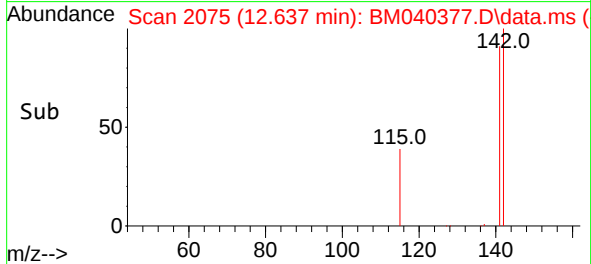
Instrument :
BNA_M
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DCFM9DL



Tgt Ion:142 Resp: 425
Ion Ratio Lower Upper
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141 93.4 73.7 110.5

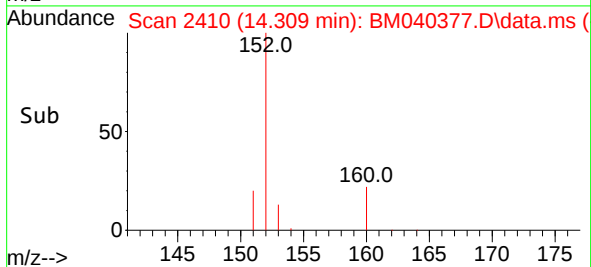
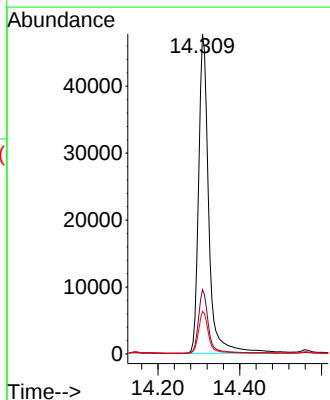
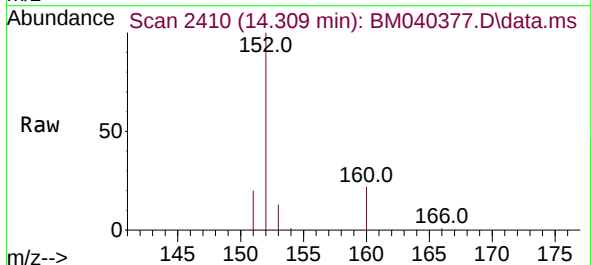
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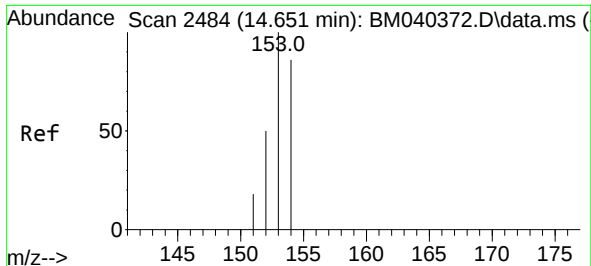
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 1.336 ng/u1
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

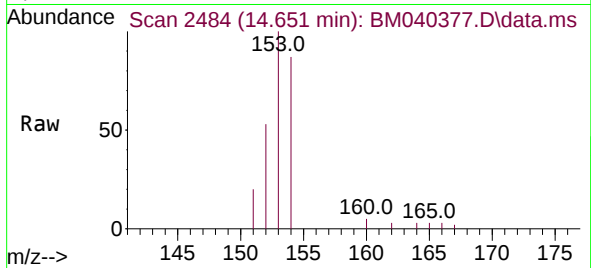
Tgt Ion:152 Resp: 81906
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

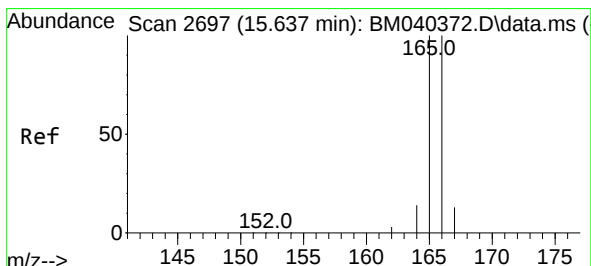
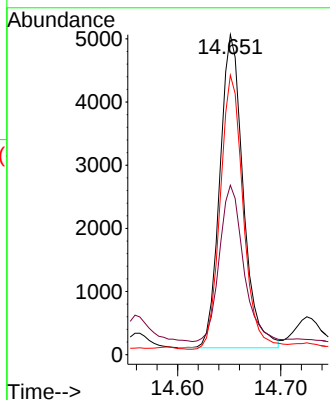
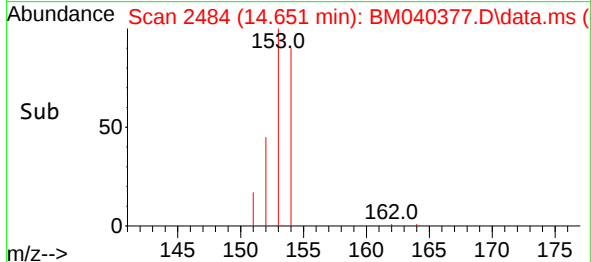
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



Tgt Ion:153 Resp: 779
Ion Ratio Lower Upper
153 100
152 52.9 41.0 61.4
154 87.3 70.8 106.2

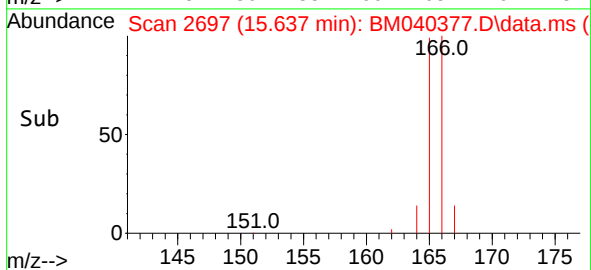
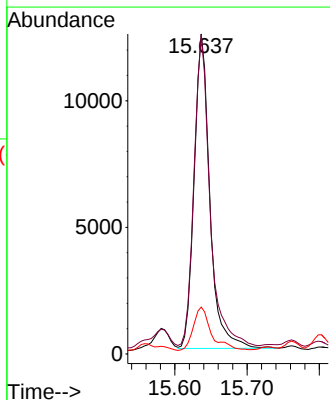
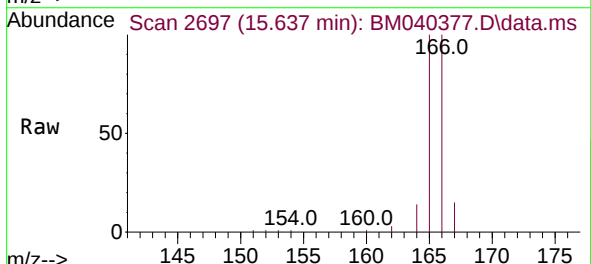
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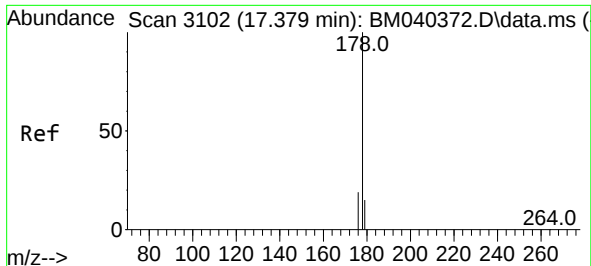
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

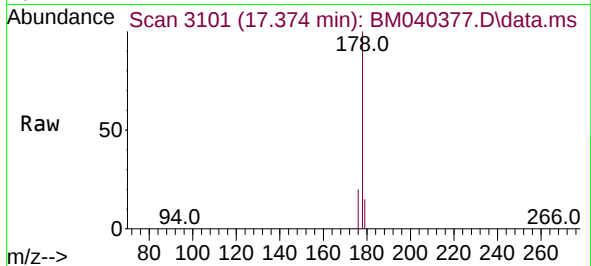
Tgt Ion:166 Resp: 18809
Ion Ratio Lower Upper
166 100
165 99.8 79.6 119.4
167 14.7 11.4 17.0





#15
Phenanthrene
Concen: 4.959 ng/u1
RT: 17.374 min Scan# 3102
Delta R.T. -0.004 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

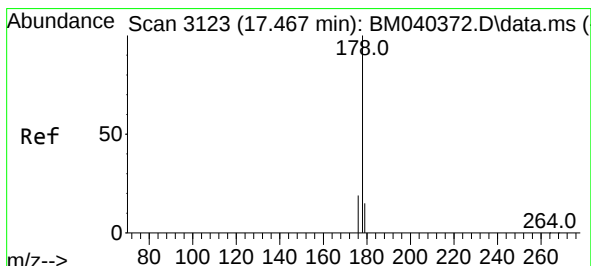
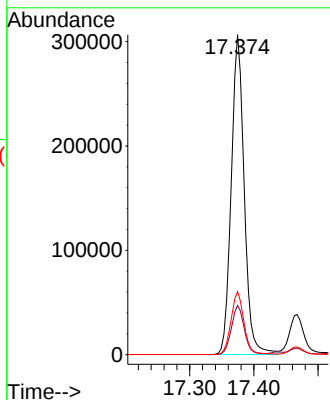
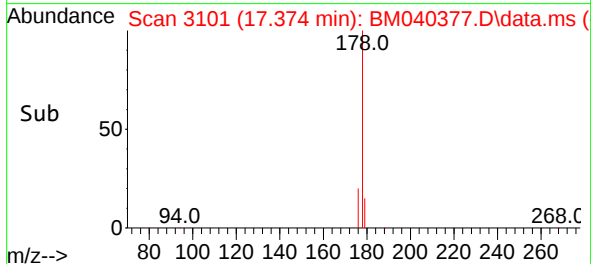
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



Tgt Ion:178 Resp: 42842
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.7 16.4 24.6

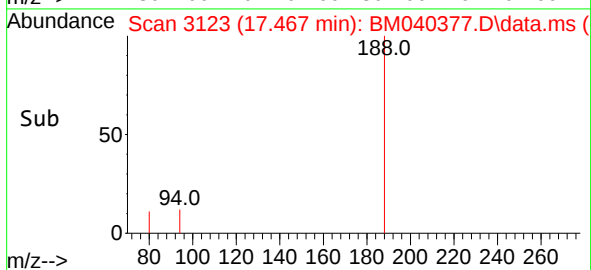
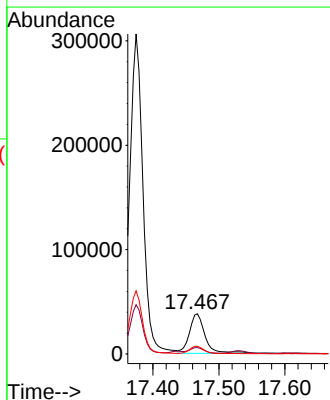
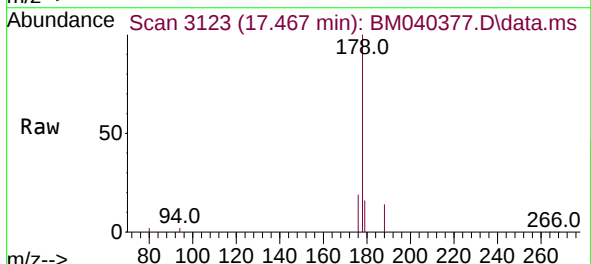
Manual Integrations
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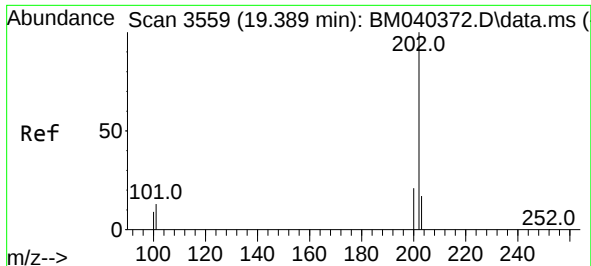
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.858 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

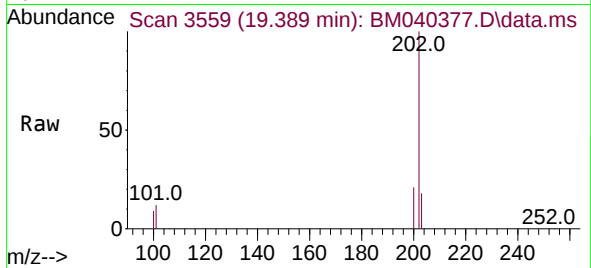
Tgt Ion:178 Resp: 62292
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 12.796 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

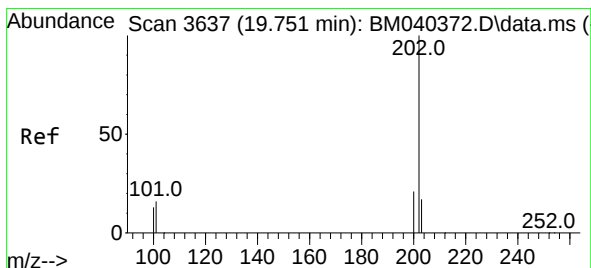
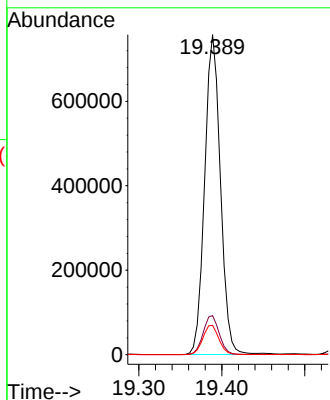
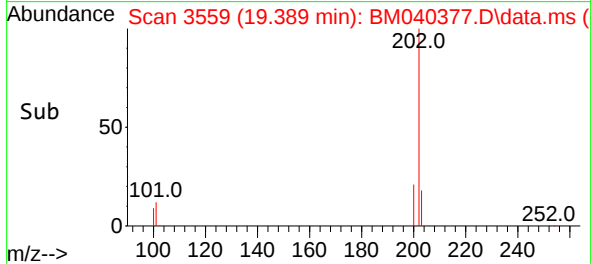
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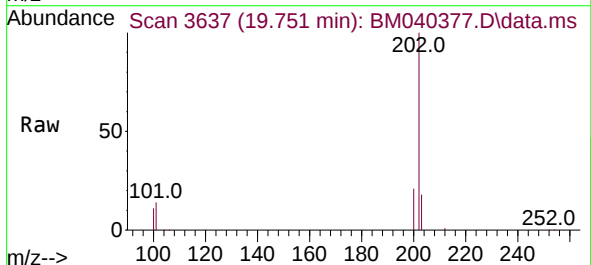
Tgt Ion:202 Resp: 100308
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.1 8.7 13.1

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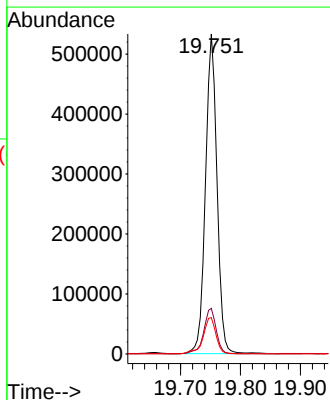
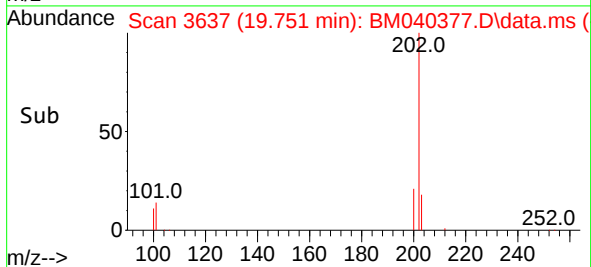
Reviewed By :Yogesh Patel 06/24/2023
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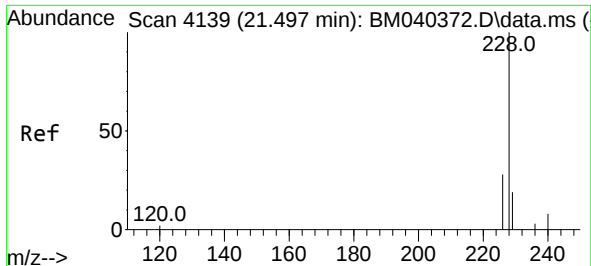


#20
Pyrene
Concen: 8.454 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07



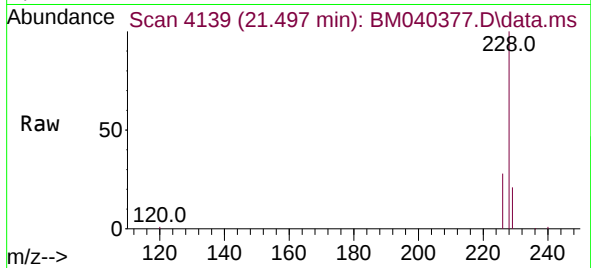
Tgt Ion:202 Resp: 710492
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.681 ng/ul
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

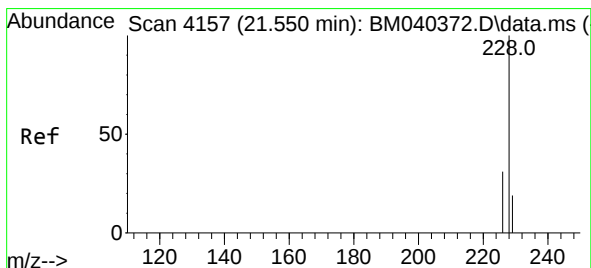
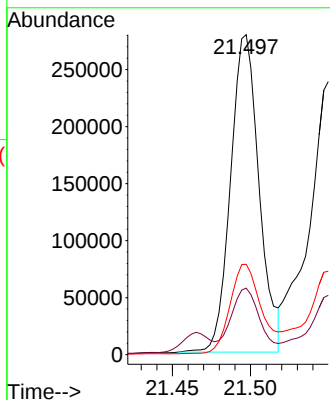
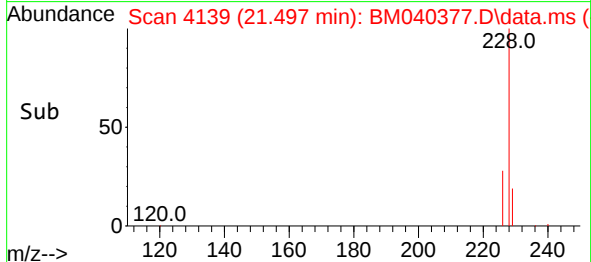
Instrument :
BNA_M
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DCFM9DL



Tgt Ion:228 Resp: 354660
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.3 22.3 33.5

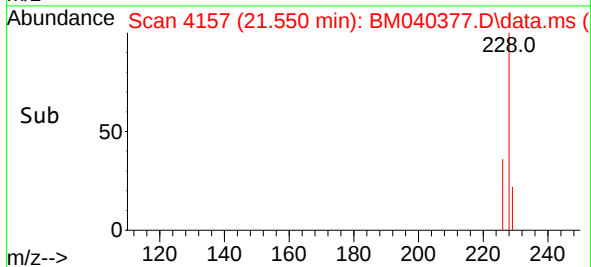
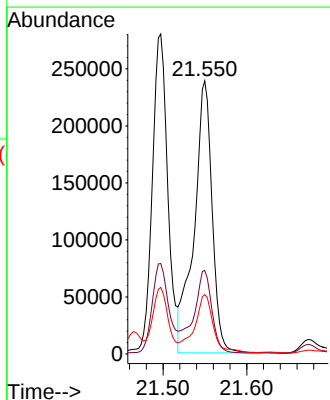
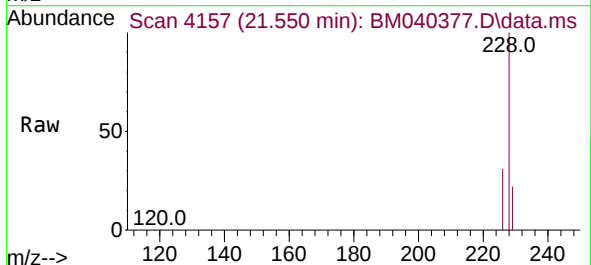
Manual Integrations
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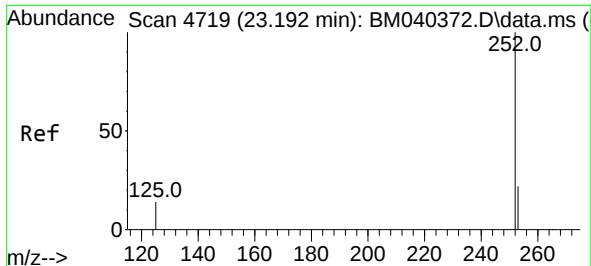
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 5.006 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

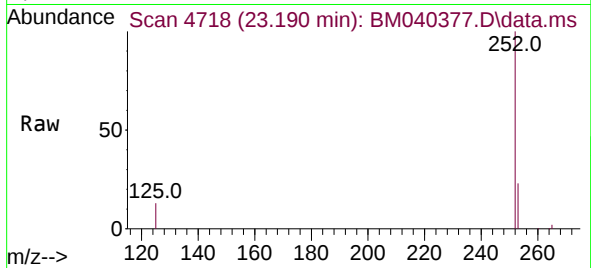
Tgt Ion:228 Resp: 356480
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 6.771 ng/ul
RT: 23.190 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

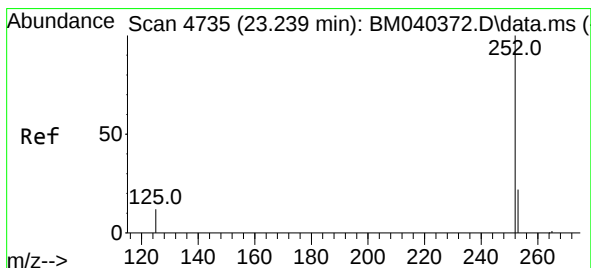
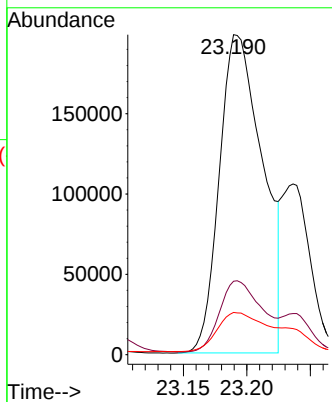
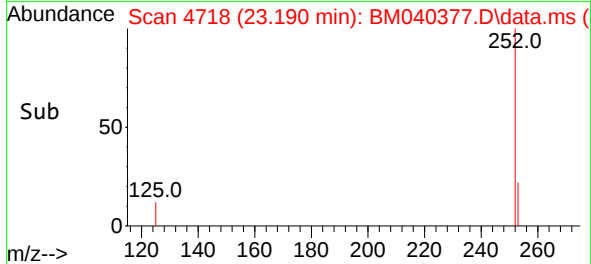
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



Tgt Ion:252 Resp: 469650
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 13.2 0.0 43.0

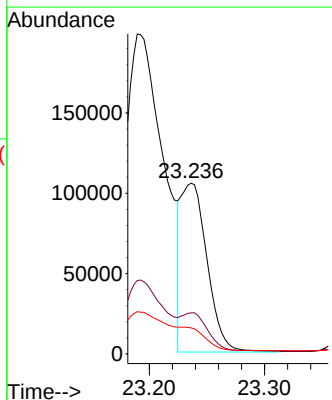
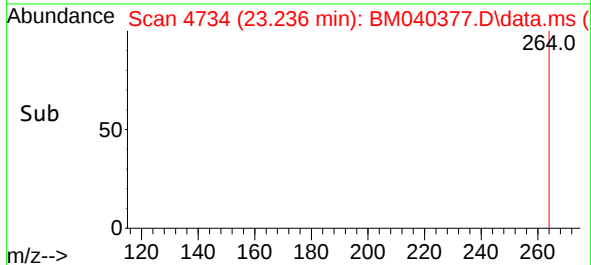
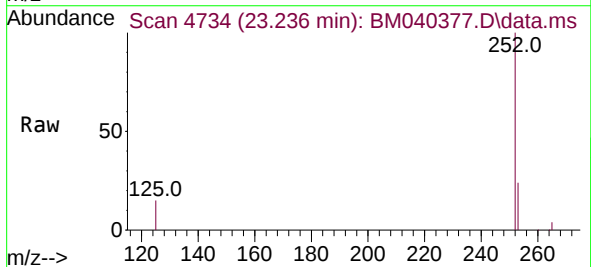
Manual Integrations
APPROVED

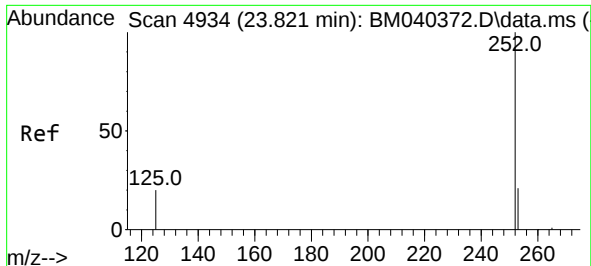
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 2.412 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

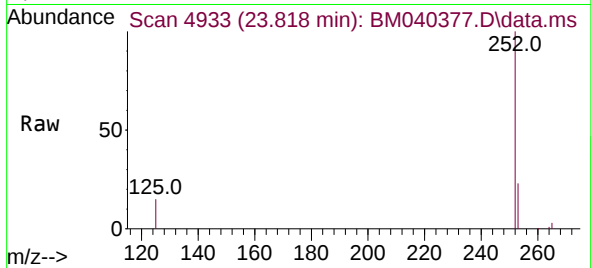
Tgt Ion:252 Resp: 164900
Ion Ratio Lower Upper
252 100
253 24.1 21.2 31.8
125 15.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 4.616 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

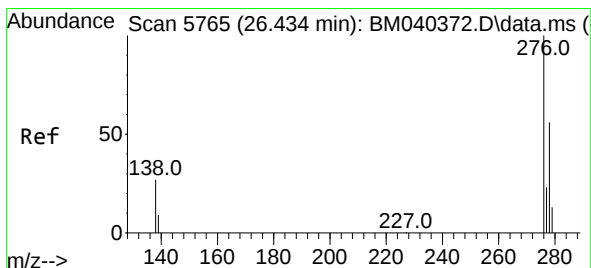
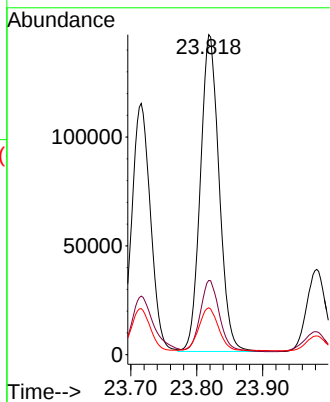
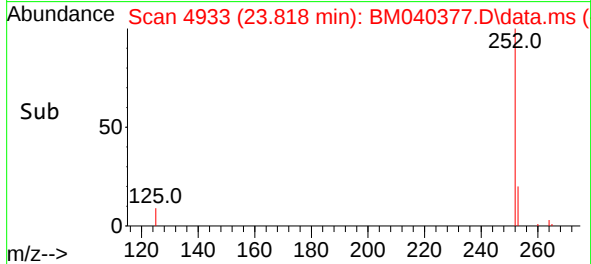
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



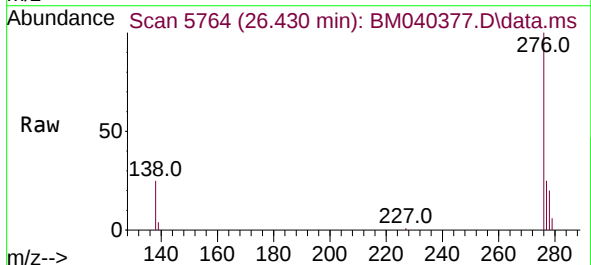
Tgt Ion:252 Resp: 288390
Ion Ratio Lower Upper
252 100
253 23.2 22.9 34.3
125 14.7 21.0 31.4

Manual Integrations
APPROVED

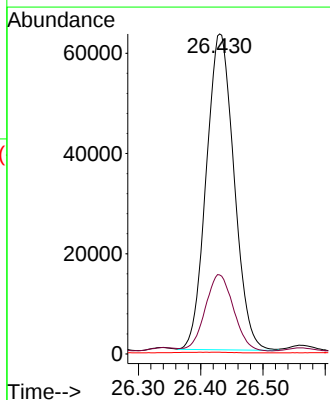
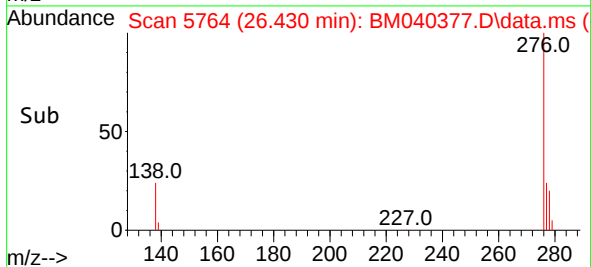
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

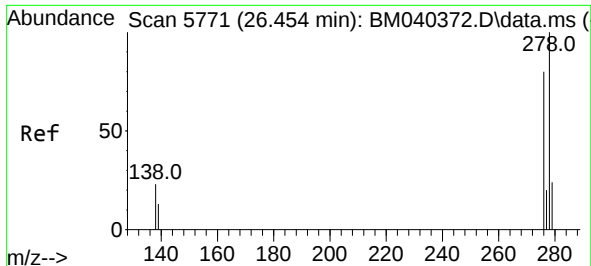


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.246 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07



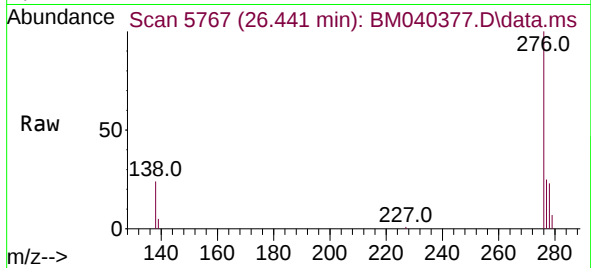
Tgt Ion:276 Resp: 195420
Ion Ratio Lower Upper
276 100
138 24.7 24.5 36.7
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.705 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

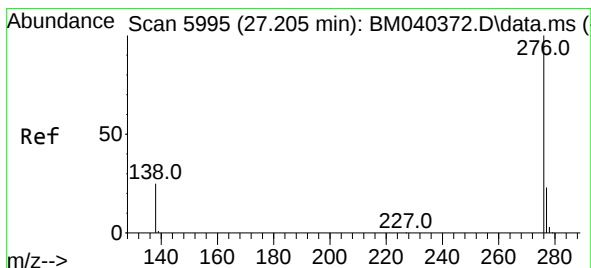
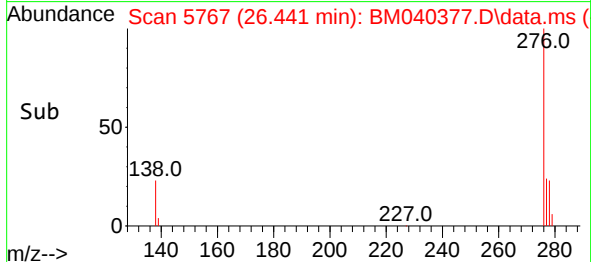
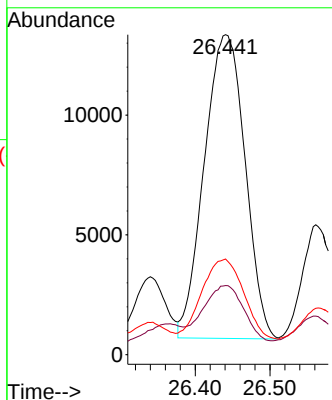
Instrument :
BNA_M
ClientSampleId :
DCFM9DL



Tgt Ion:278 Resp: 48058
Ion Ratio Lower Upper
278 100
139 21.6 17.9 26.9
279 29.9 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: 2.234 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040377.D
Acq: 23 Jun 2023 16:07

Tgt Ion:276 Resp: 170389
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.6
277 24.1 20.3 30.5

