

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040376.D
 Acq On : 23 Jun 2023 15:30
 Operator : MA/JU
 Sample : 03084-04DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:37:14 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	7768	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	28538	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	13920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	27737	0.400	ng/ul	0.00
17) Chrysene-d12	21.513	240	19949	0.400	ng/ul	0.00
23) Perylene-d12	23.928	264	16449	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	8781	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	2307	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	4099	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	5910	0.075	ng/ul#	93
7) 2-Methylnaphthalene	12.421	142	7835	0.169	ng/ul	100
8) 1-Methylnaphthalene	12.641	142	5674	0.123	ng/ul	99
10) Acenaphthylene	14.312	152	4628	0.074	ng/ul#	90
15) Phenanthrene	17.373	178	29147	0.338	ng/ul	100
16) Anthracene	17.466	178	3329	0.046	ng/ul#	89
19) Fluoranthene	19.387	202	55273	0.652	ng/ul	98
20) Pyrene	19.750	202	46903	0.516	ng/ul	99
21) Benzo(a)anthracene	21.496	228	25280	0.375	ng/ul	94
22) Chrysene	21.548	228	37323	0.485	ng/ul	96
24) Benzo(b)fluoranthene	23.191	252	44388	0.697	ng/ul	95
25) Benzo(k)fluoranthene	23.235	252	13693m	0.218	ng/ul	
26) Benzo(a)pyrene	23.820	252	21628	0.377	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.429	276	17589	0.220	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.442	278	4672	0.075	ng/ul#	55
29) Benzo(g,h,i)perylene	27.204	276	20340	0.291	ng/ul	97

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

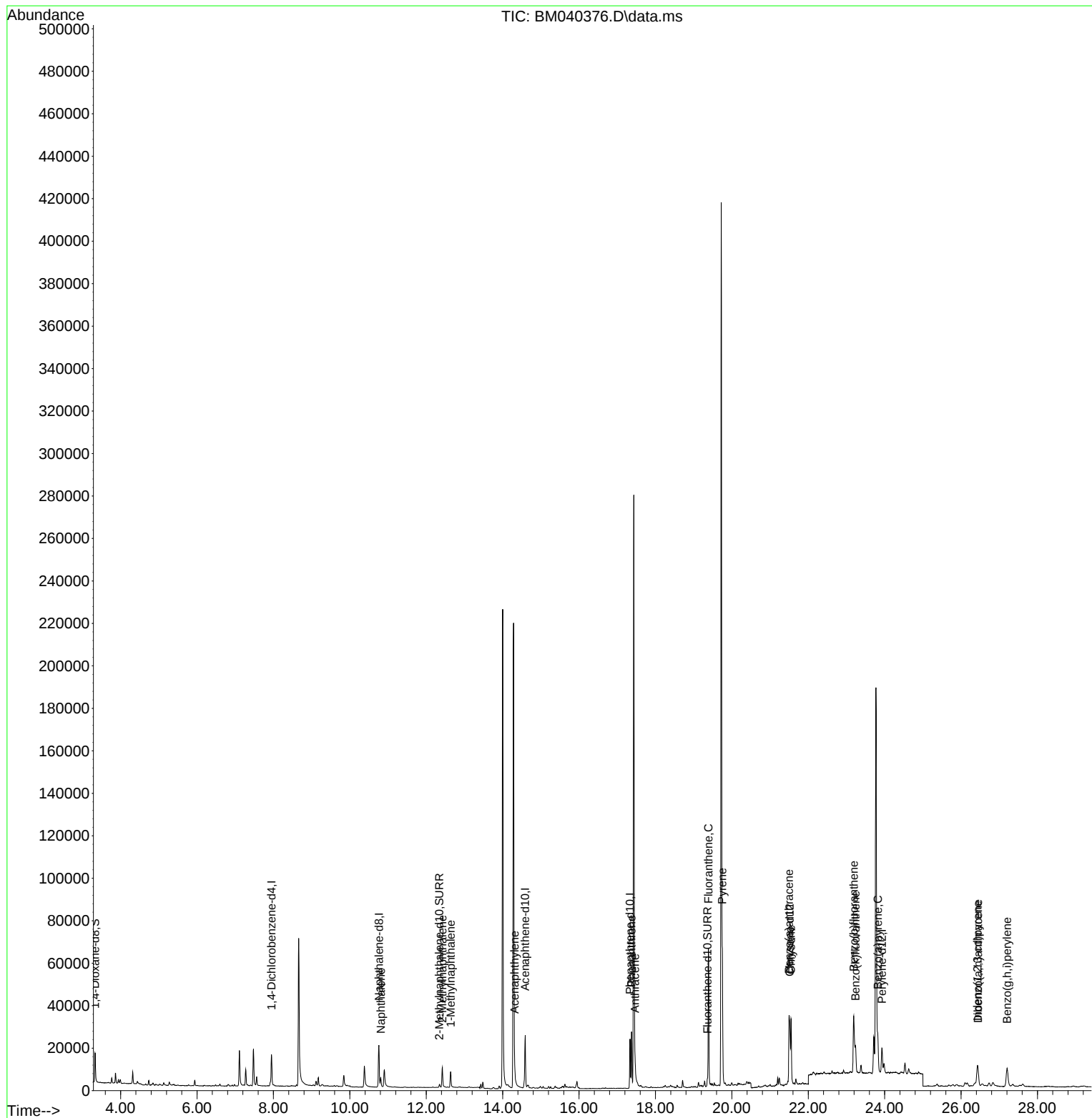
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040376.D
Acq On : 23 Jun 2023 15:30
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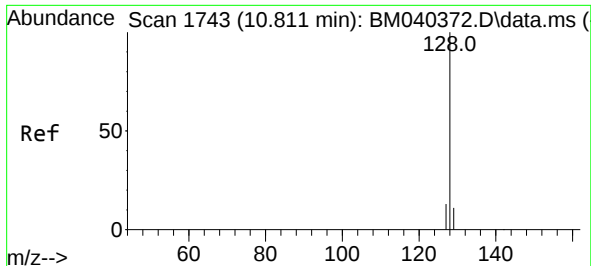
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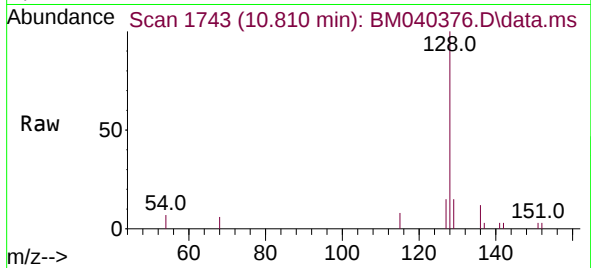
Quant Time: Jun 24 01:37:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.810 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

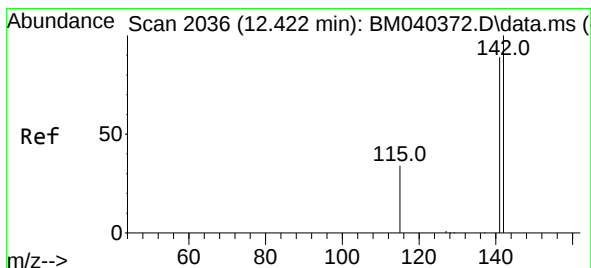
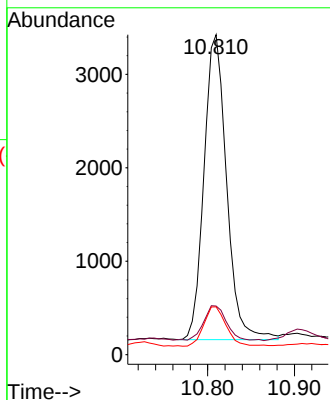
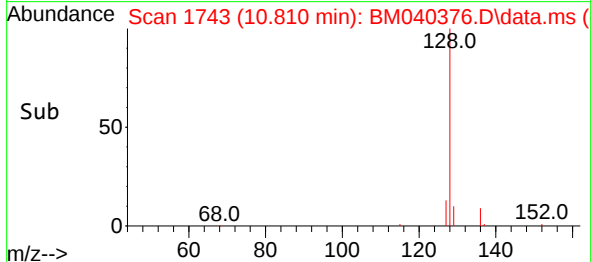
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



Tgt Ion:128 Resp: 5910
Ion Ratio Lower Upper
128 100
129 15.2 9.2 13.8
127 14.9 10.6 15.8

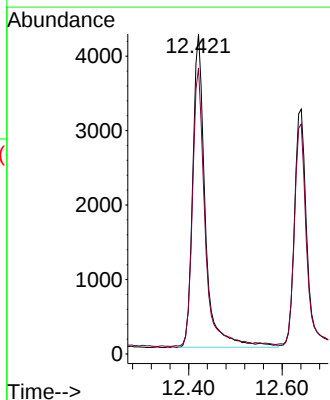
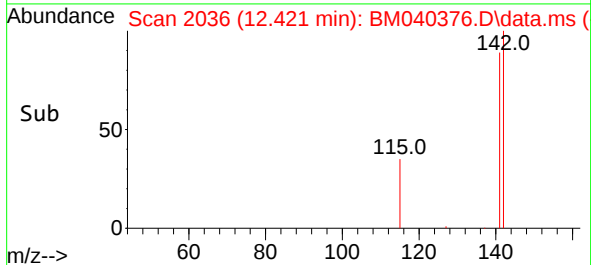
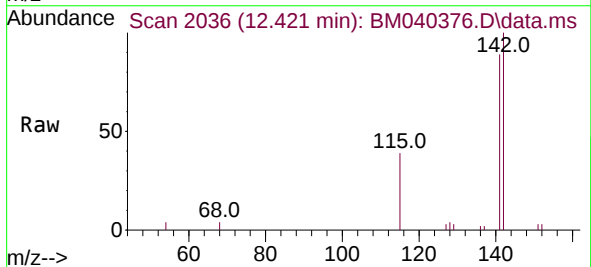
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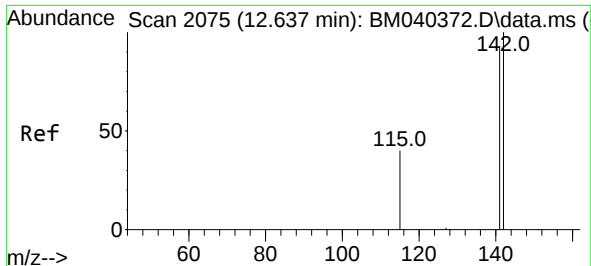
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.421 min Scan# 2036
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

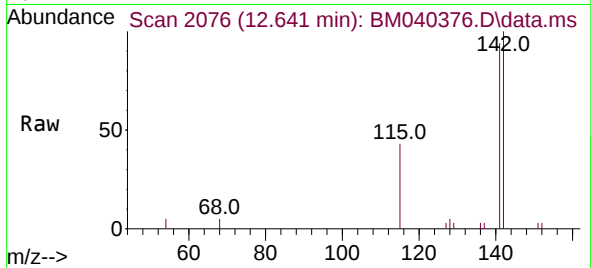
Tgt Ion:142 Resp: 7835
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.641 min Scan# 2075
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

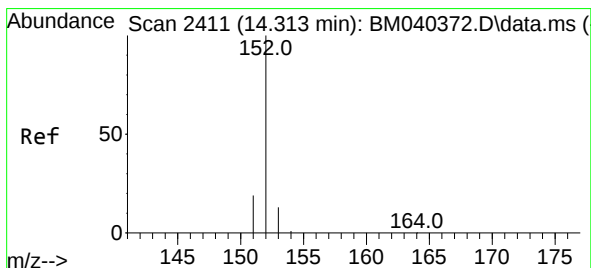
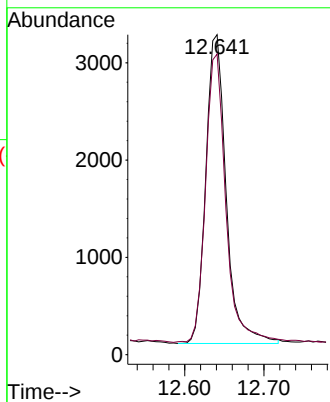
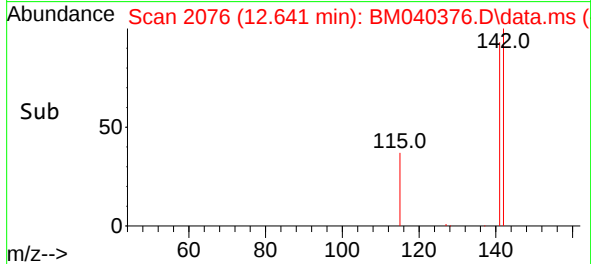
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



Tgt Ion:142 Resp: 5674
Ion Ratio Lower Upper
142 100
141 92.6 73.7 110.5

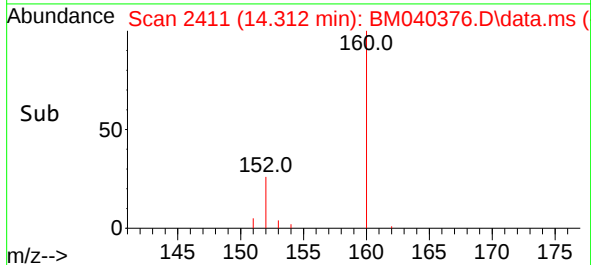
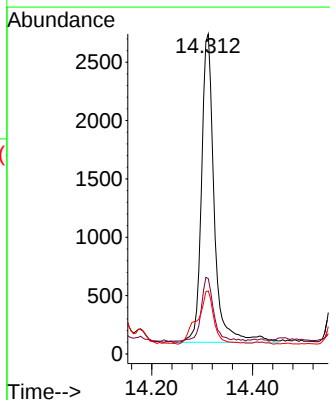
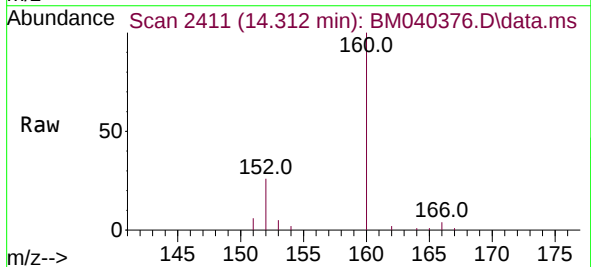
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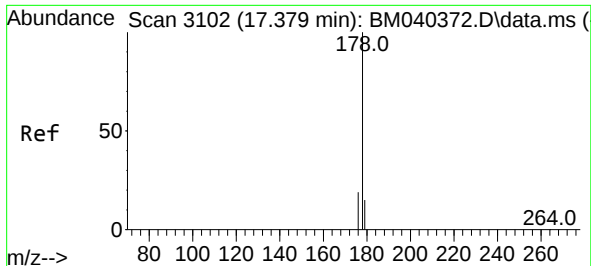
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.312 min Scan# 2411
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

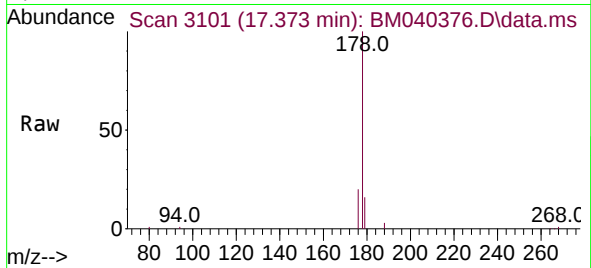
Tgt Ion:152 Resp: 4628
Ion Ratio Lower Upper
152 100
151 23.6 16.2 24.2
153 19.7 10.9 16.3#





#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.373 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

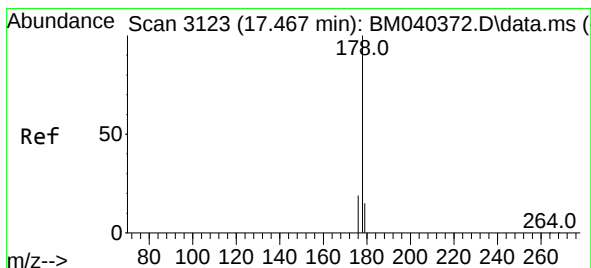
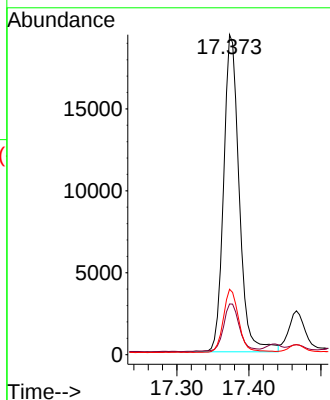
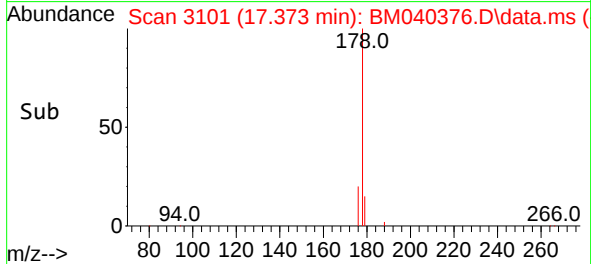
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



Tgt Ion:178 Resp: 2914
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 20.4 16.4 24.6

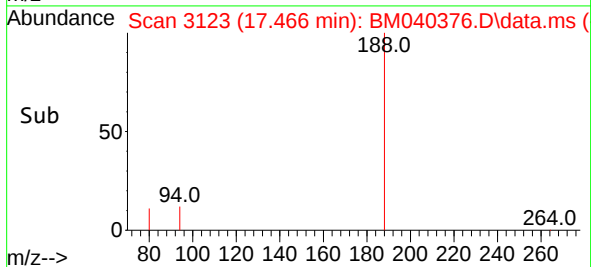
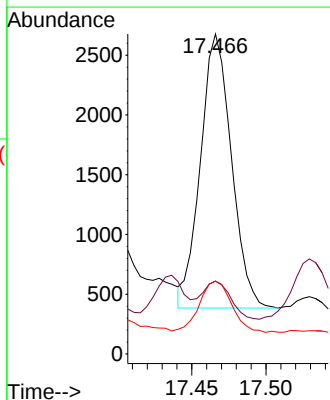
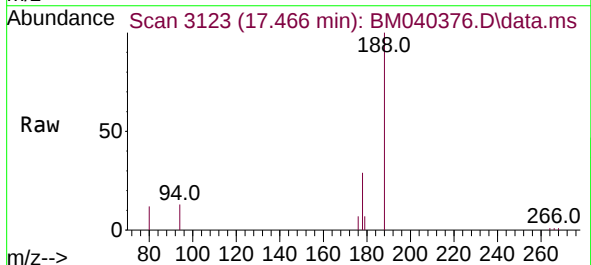
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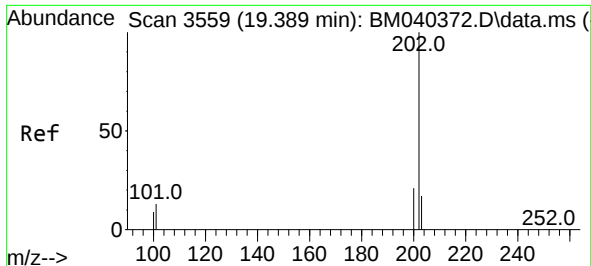
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.466 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

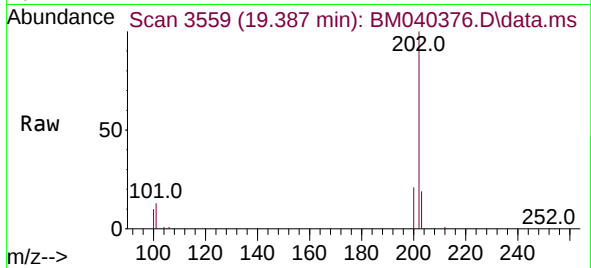
Tgt Ion:178 Resp: 3329
Ion Ratio Lower Upper
178 100
179 22.8 12.9 19.3#
176 22.8 15.8 23.6





#19
Fluoranthene
Concen: 0.652 ng/u1
RT: 19.387 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

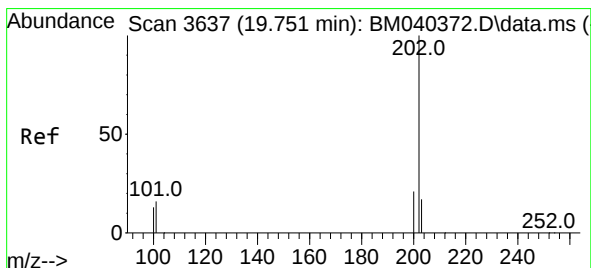
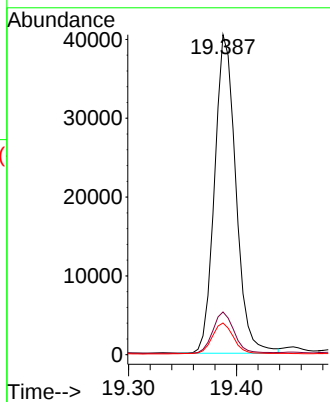
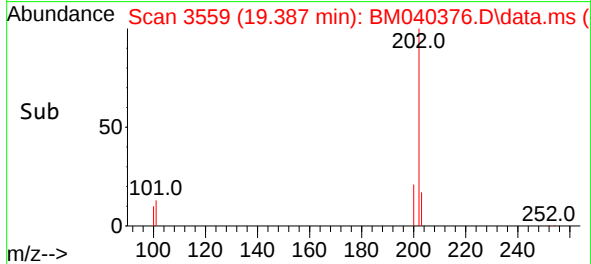
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



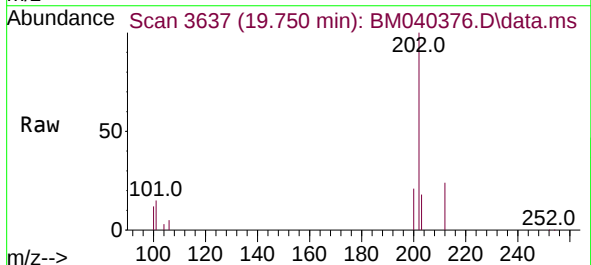
Tgt Ion:202 Resp: 5527
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 9.9 8.7 13.1

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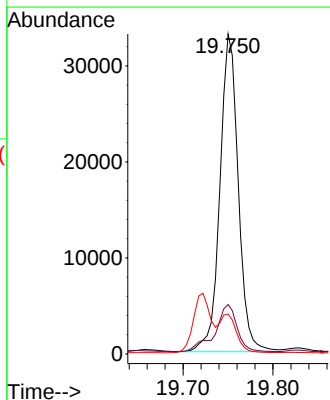
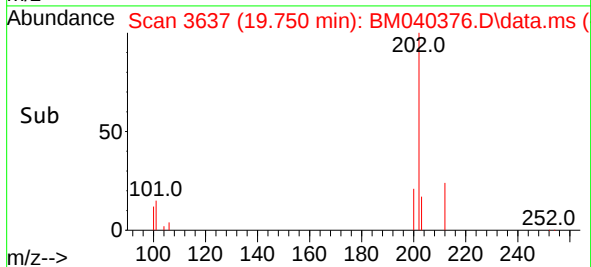
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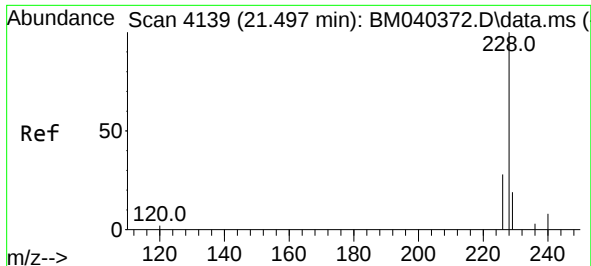


#20
Pyrene
Concen: 0.516 ng/u1
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30



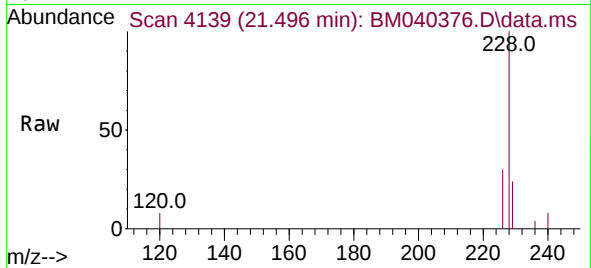
Tgt Ion:202 Resp: 46903
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.375 ng/u1
RT: 21.496 min Scan# 4139
Delta R.T. -0.004 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

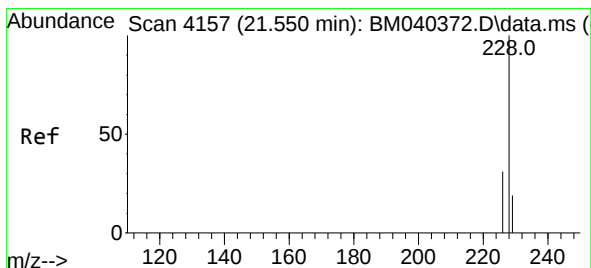
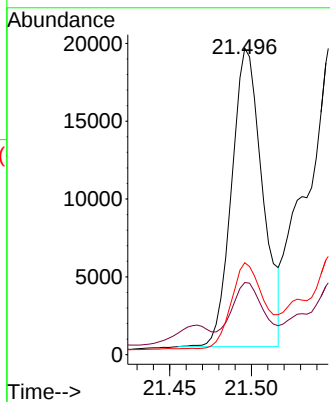
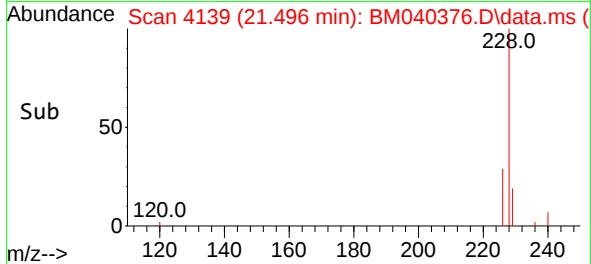
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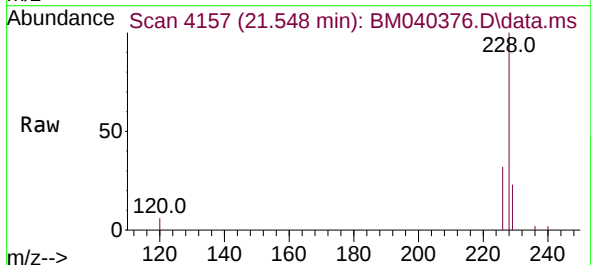
Tgt Ion:228 Resp: 25280
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 30.0 22.3 33.5

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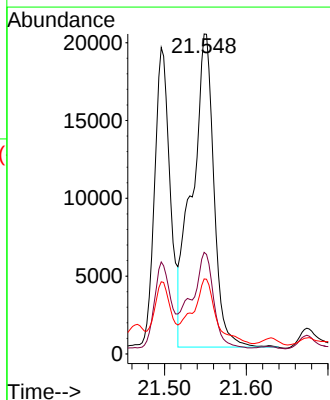
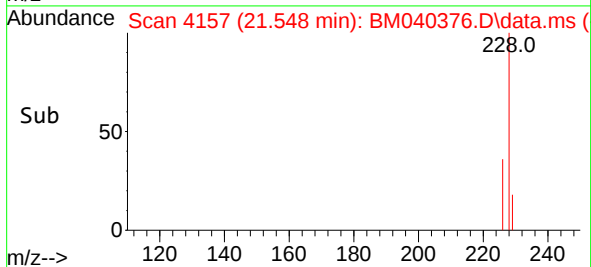
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

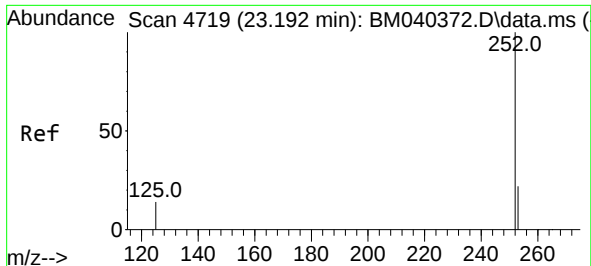


#22
Chrysene
Concen: 0.485 ng/u1
RT: 21.548 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30



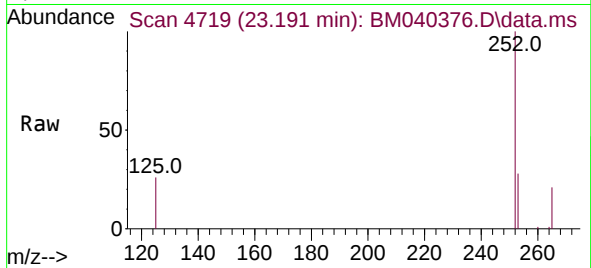
Tgt Ion:228 Resp: 37323
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.697 ng/ul
RT: 23.191 min Scan# 4719
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

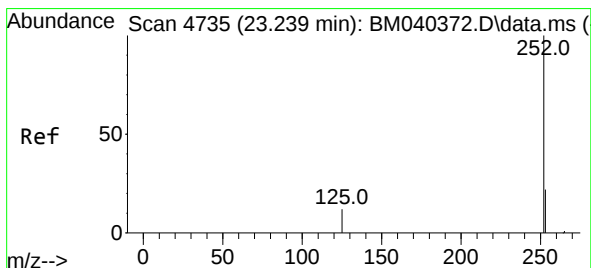
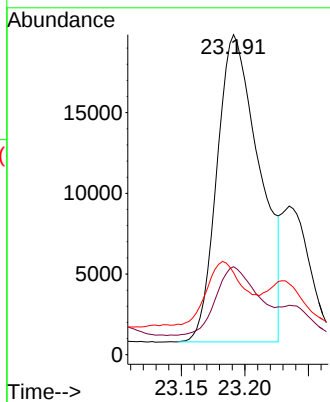
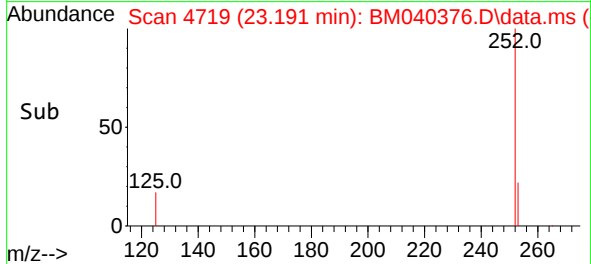
Instrument :
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DCFM1DL



Tgt Ion:252 Resp: 4438
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.8
125 25.7 0.0 43.0

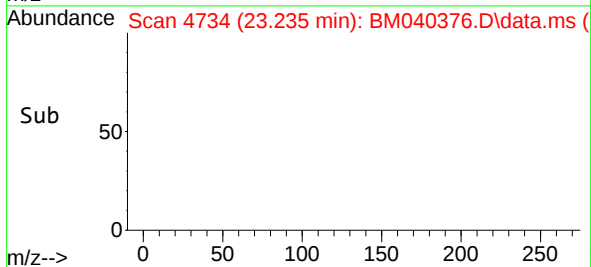
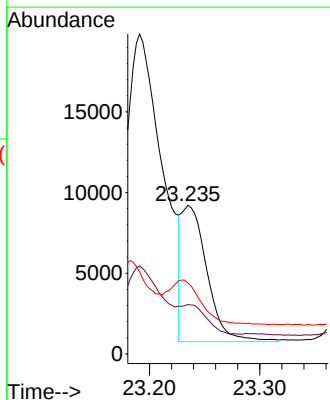
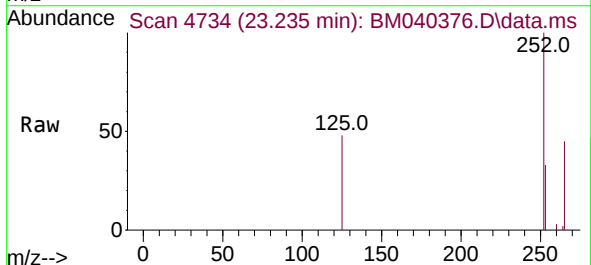
Manual Integrations
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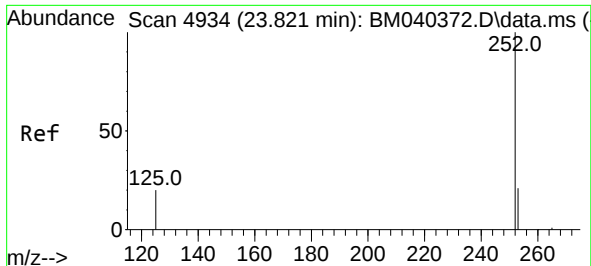
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul m
RT: 23.235 min Scan# 4734
Delta R.T. -0.007 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

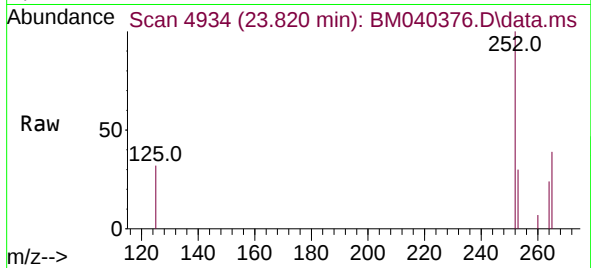
Tgt Ion:252 Resp: 13693
Ion Ratio Lower Upper
252 100
253 33.3 21.2 31.8#
125 47.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.820 min Scan# 4934
Delta R.T. -0.004 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

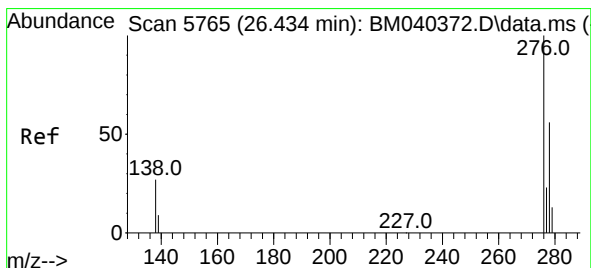
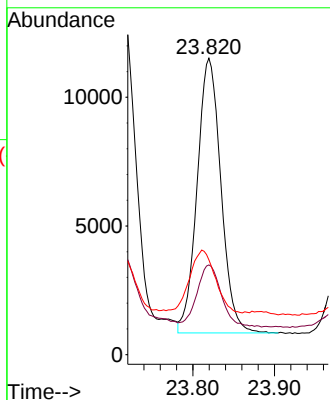
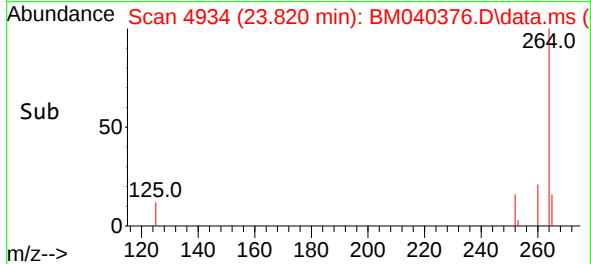
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



Tgt Ion:252 Resp: 21628
Ion Ratio Lower Upper
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125 31.9 21.0 31.4

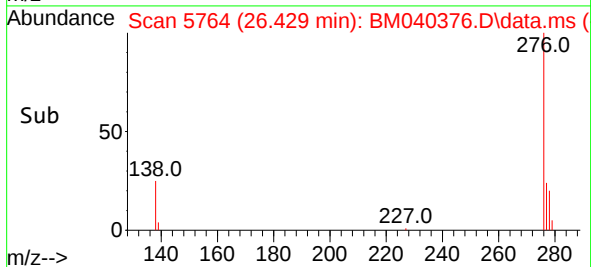
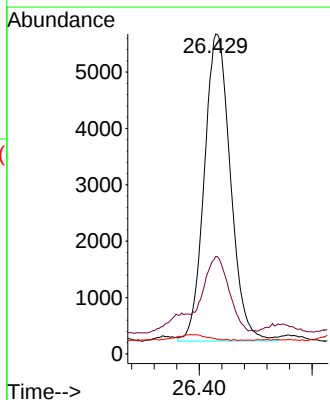
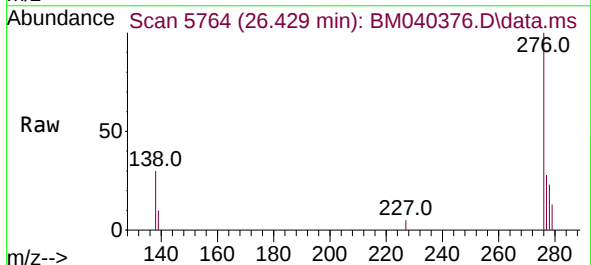
Manual Integrations
APPROVED

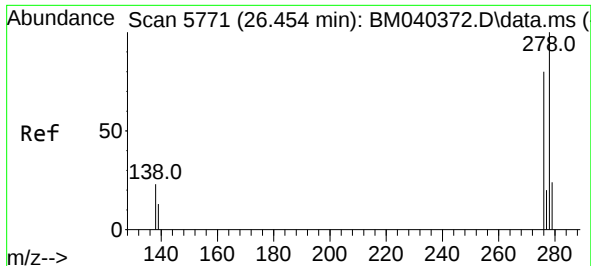
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.220 ng/ul
RT: 26.429 min Scan# 5764
Delta R.T. -0.005 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

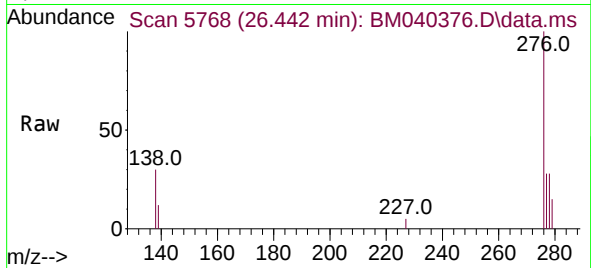
Tgt Ion:276 Resp: 17589
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.442 min Scan# 5771
Delta R.T. -0.011 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

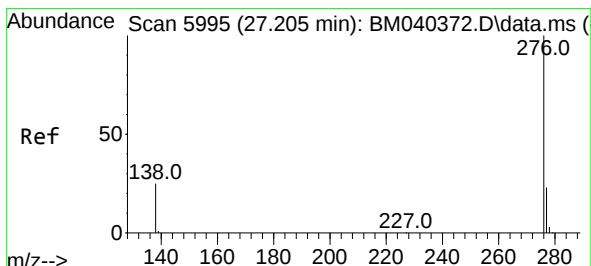
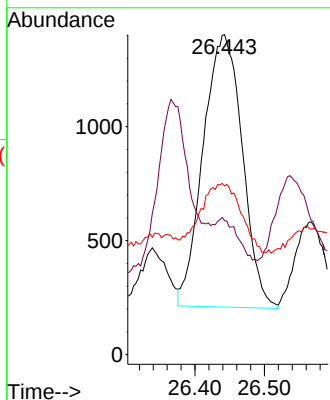
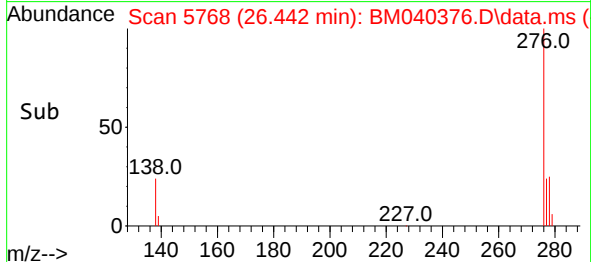
Instrument :
BNA_M
ClientSampleId :
DCFM1DL



Tgt Ion:278 Resp: 4672
Ion Ratio Lower Upper
278 100
139 41.8 17.9 26.9
279 52.7 22.0 33.0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 27.204 min Scan# 5995
Delta R.T. -0.001 min
Lab File: BM040376.D
Acq: 23 Jun 2023 15:30

Tgt Ion:276 Resp: 20340
Ion Ratio Lower Upper
276 100
138 29.8 23.0 34.6
277 27.4 20.3 30.5

