

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040368.D
 Acq On : 23 Jun 2023 03:03
 Operator : MA/JU
 Sample : 03084-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFM4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 03:35:54 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	7.953	152	7629	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	24573	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	11164	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	18547	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13511	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	17272	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	38035	3.174	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	7489	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	10039	0.232	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	5861	0.086	ng/ul#	92
7) 2-Methylnaphthalene	12.422	142	3234	0.081	ng/ul	98
8) 1-Methylnaphthalene	12.642	142	2096	0.053	ng/ul	97
10) Acenaphthylene	14.313	152	2327	0.047	ng/ul#	78
15) Phenanthrene	17.374	178	14936	0.259	ng/ul	98
16) Anthracene	17.467	178	2584	0.053	ng/ul#	81
19) Fluoranthene	19.389	202	33748	0.588	ng/ul	99
20) Pyrene	19.751	202	30062m	0.489	ng/ul	
21) Benzo(a)anthracene	21.497	228	16683	0.365	ng/ul	94
22) Chrysene	21.550	228	24786	0.475	ng/ul#	96
24) Benzo(b)fluoranthene	23.192	252	47558	0.711	ng/ul#	62
25) Benzo(k)fluoranthene	23.236	252	14908m	0.226	ng/ul	
26) Benzo(a)pyrene	23.818	252	24672	0.410	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.434	276	26702	0.318	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.447	278	6642	0.101	ng/ul#	44
29) Benzo(g,h,i)perylene	27.209	276	25986	0.354	ng/ul	95

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

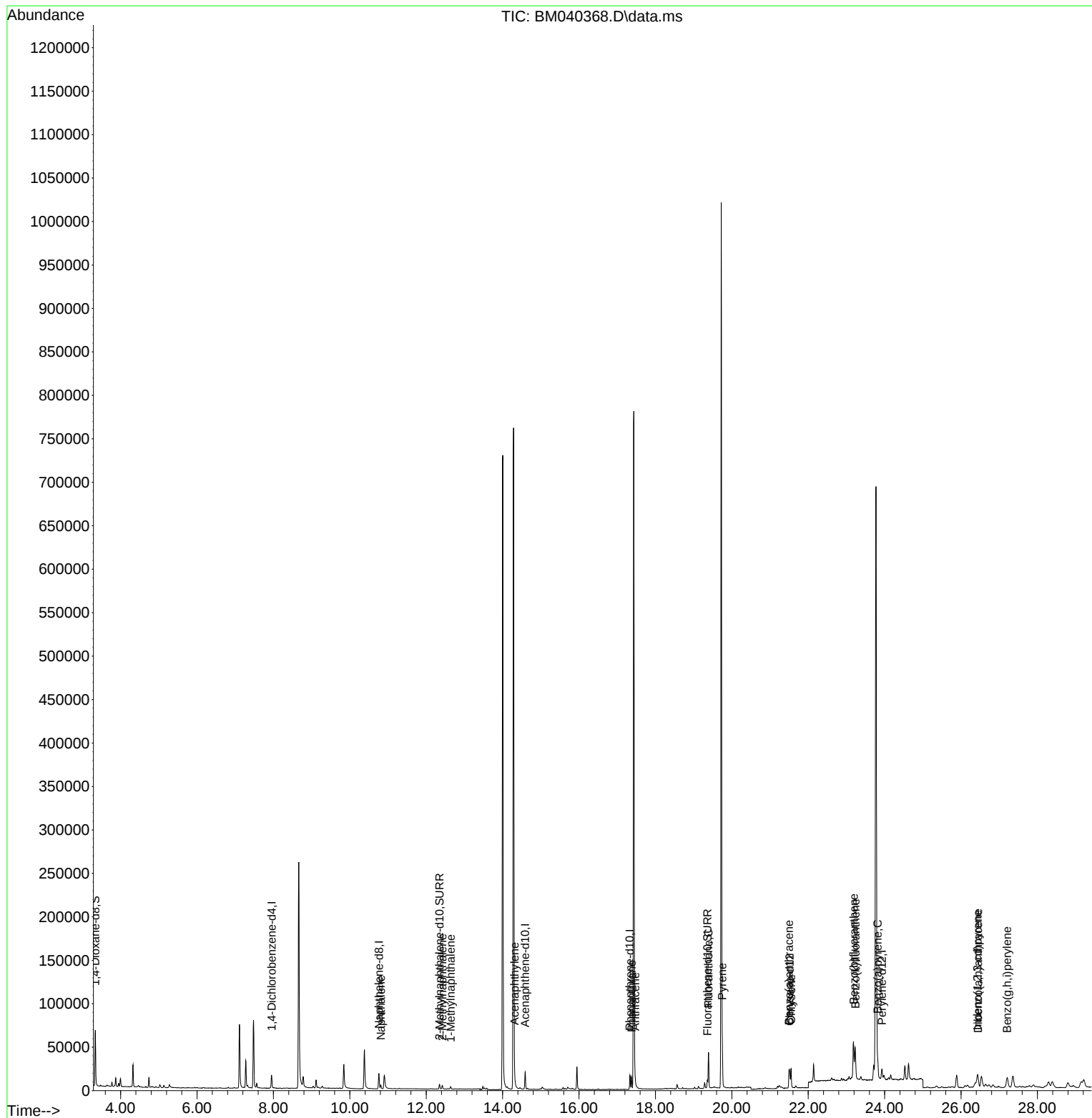
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040368.D
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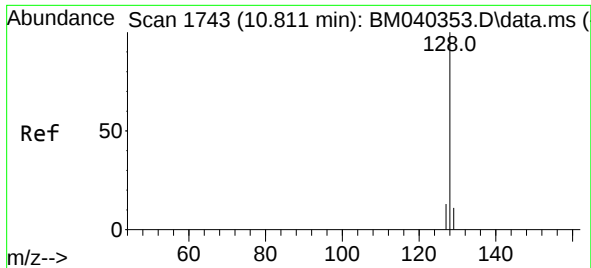
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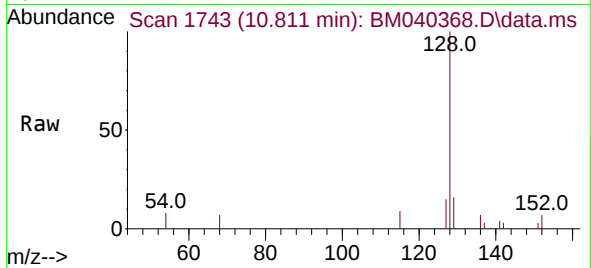
Quant Time: Jun 23 03:35:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

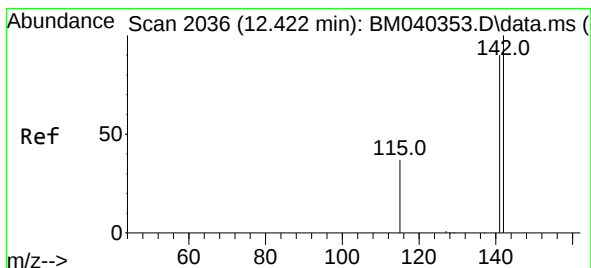
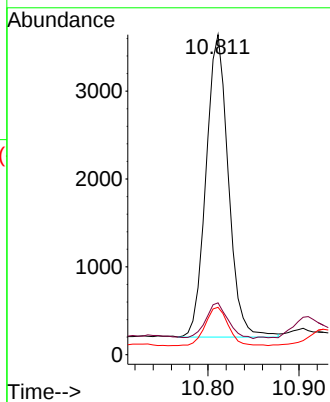
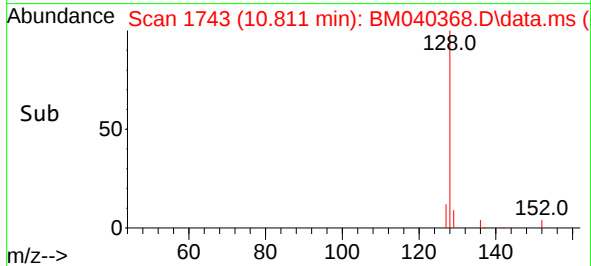
Instrument :
BNA_M
ClientSampleId :
DCFM4



Tgt Ion:128 Resp: 586
Ion Ratio Lower Upper
128 100
129 16.2 9.2 13.8
127 14.8 10.6 15.8

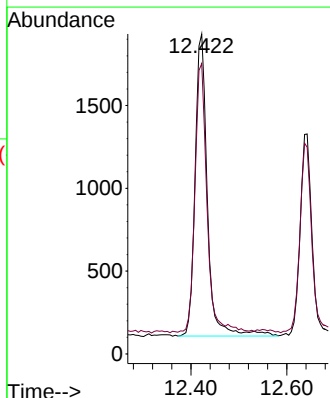
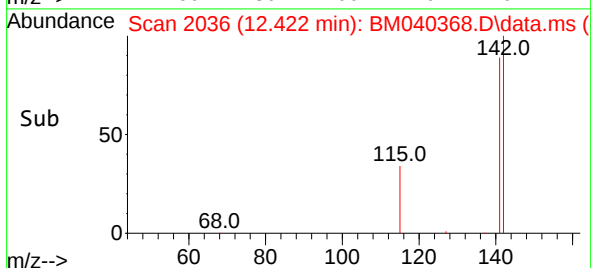
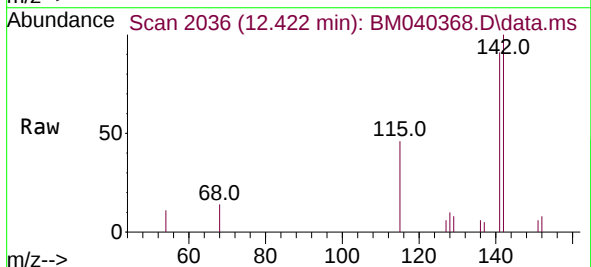
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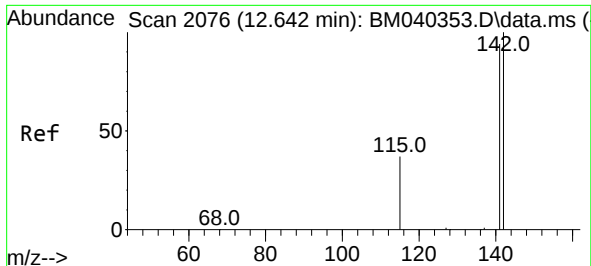
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

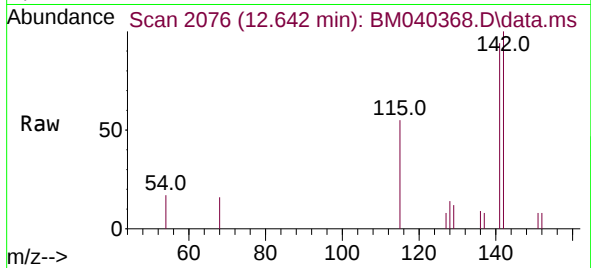
Tgt Ion:142 Resp: 3234
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.642 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

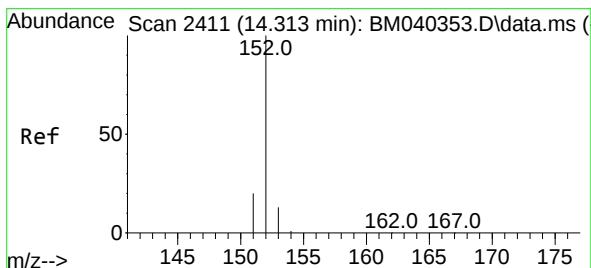
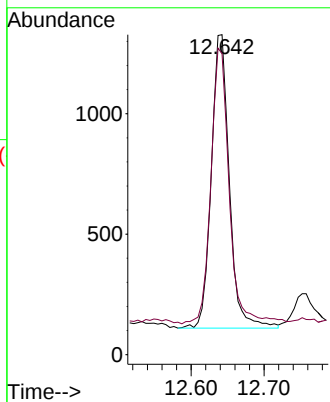
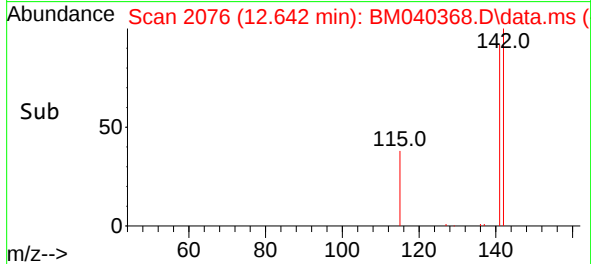
Instrument :
BNA_M
ClientSampleId :
DCFM4



Tgt Ion:142 Resp: 2090
Ion Ratio Lower Upper
142 100
141 94.9 73.7 110.5

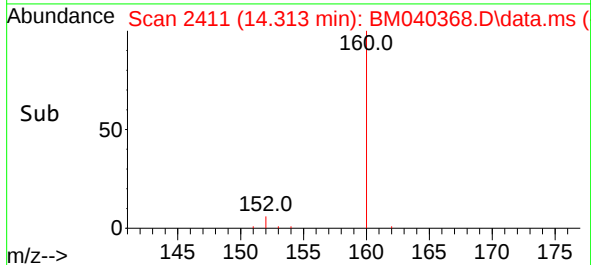
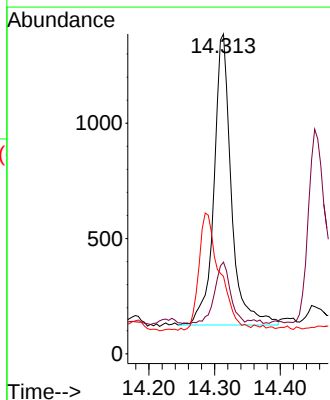
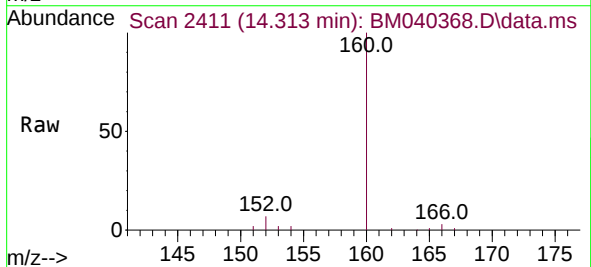
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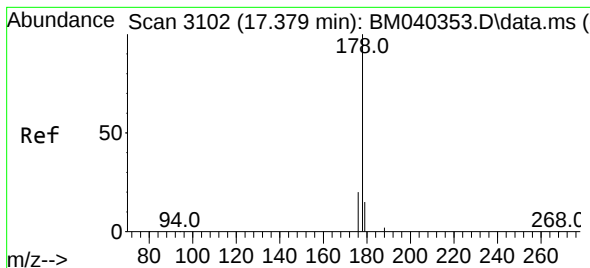
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

Tgt Ion:152 Resp: 2327
Ion Ratio Lower Upper
152 100
151 28.7 16.2 24.2#
153 24.2 10.9 16.3#





#15

Phenanthrene

Concen: 0.259 ng/ul

RT: 17.374 min Scan# 3102

Delta R.T. -0.004 min

Lab File: BM040368.D

Acq: 23 Jun 2023 03:03

Instrument :

BNA_M

ClientSampleId :

DCFM4

Tgt Ion:178 Resp: 14936

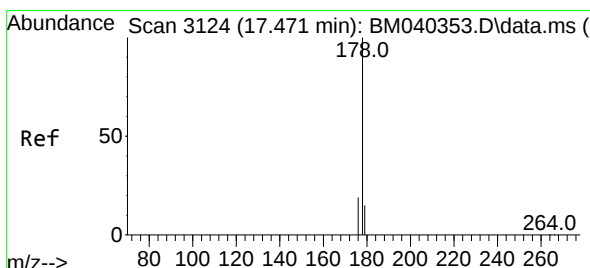
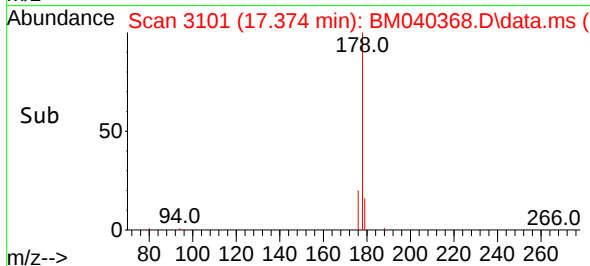
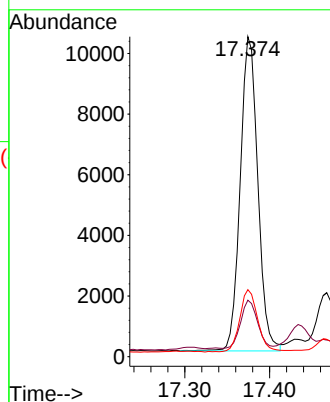
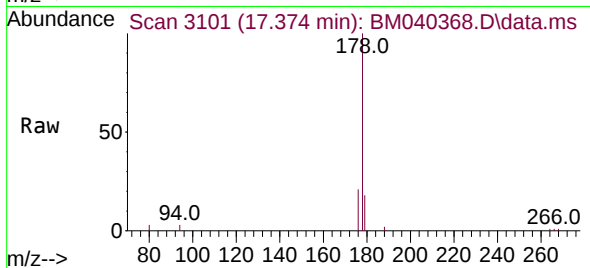
Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.8	19.2
176	21.0	16.4	24.6

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#16

Anthracene

Concen: 0.053 ng/ul

RT: 17.467 min Scan# 3123

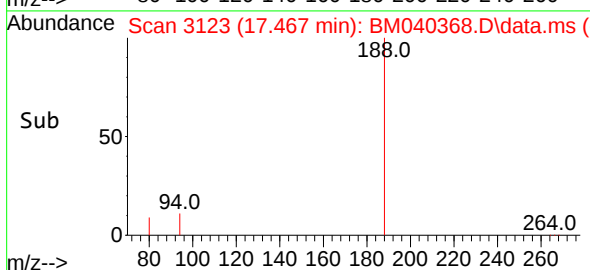
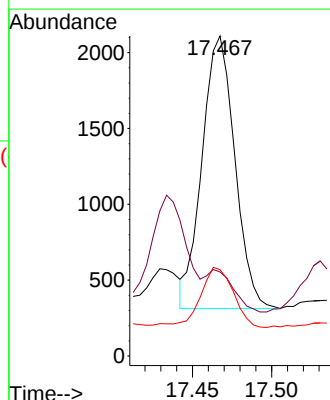
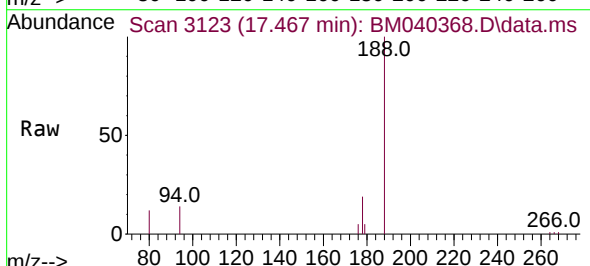
Delta R.T. -0.004 min

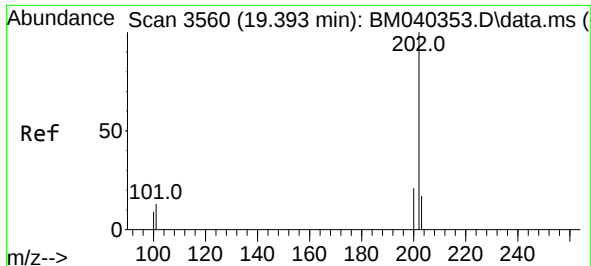
Lab File: BM040368.D

Acq: 23 Jun 2023 03:03

Tgt Ion:178 Resp: 2584

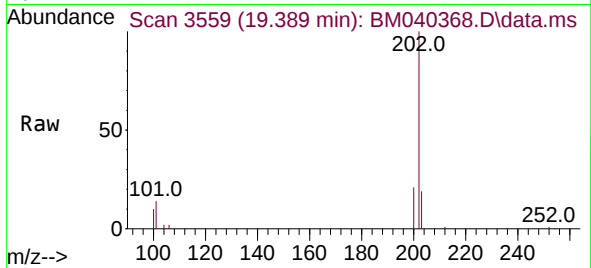
Ion	Ratio	Lower	Upper
178	100		
179	26.3	12.9	19.3#
176	27.0	15.8	23.6#





#19
Fluoranthene
Concen: 0.588 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

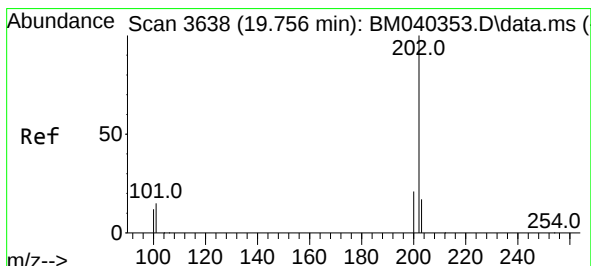
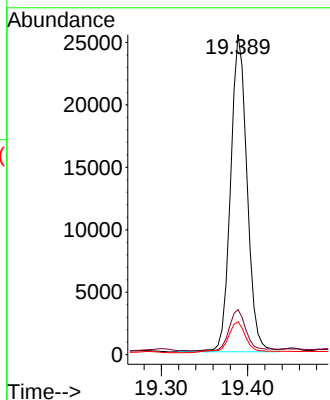
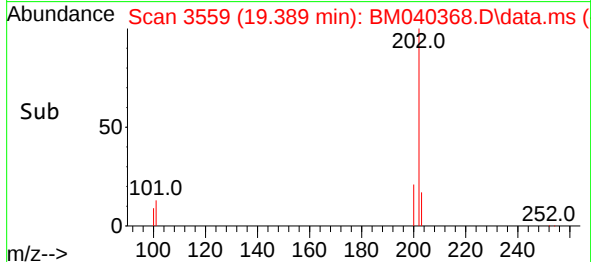
Instrument :
BNA_M
ClientSampleId :
DCFM4



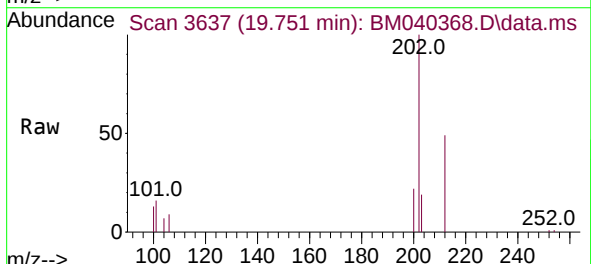
Tgt Ion:202 Resp: 33748
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 10.3 8.7 13.1

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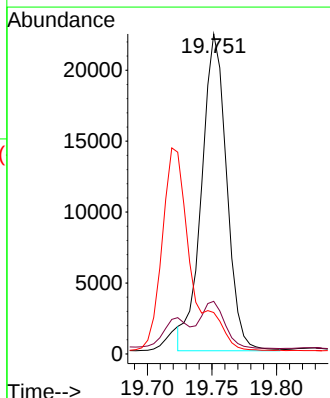
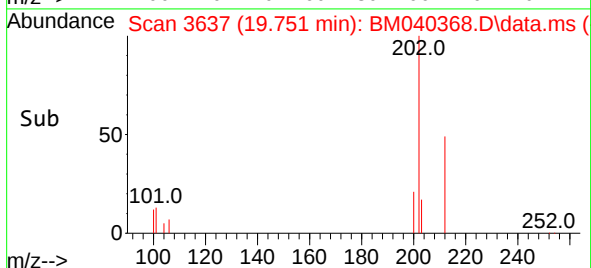
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

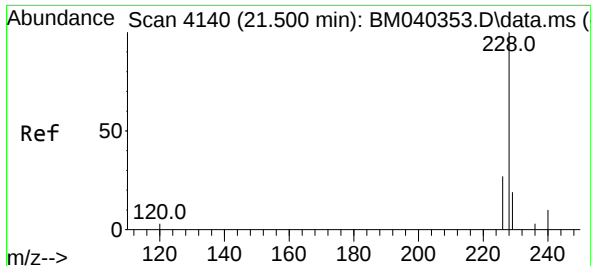


#20
Pyrene
Concen: 0.489 ng/ul m
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03



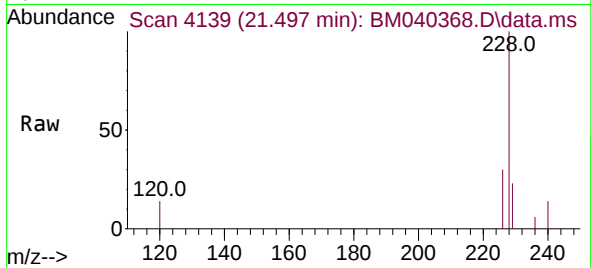
Tgt Ion:202 Resp: 30062
Ion Ratio Lower Upper
202 100
101 16.5 12.6 18.8
100 13.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.365 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

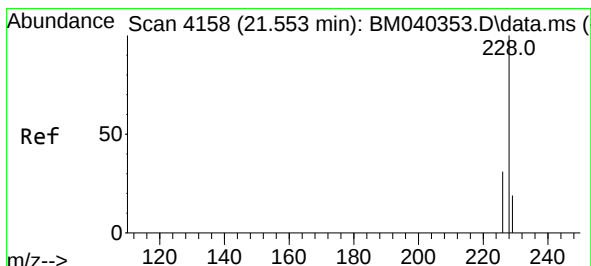
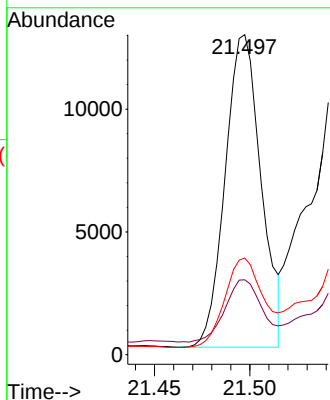
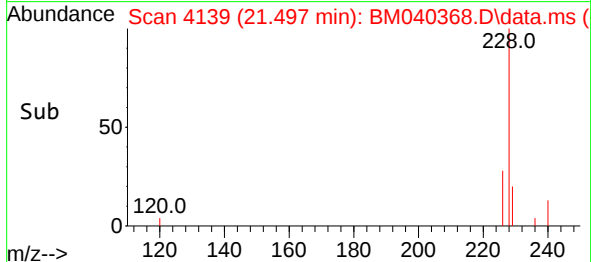
Instrument :
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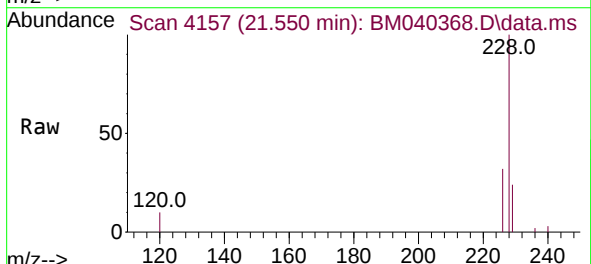
Tgt Ion:228 Resp: 16683
Ion Ratio Lower Upper
228 100
229 23.4 16.0 24.0
226 30.2 22.3 33.5

Manual Integrations
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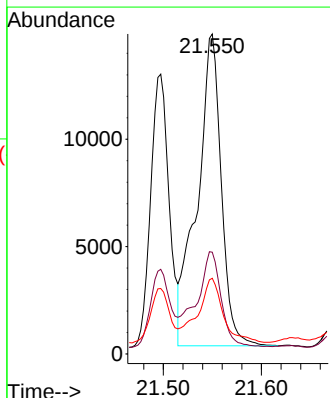
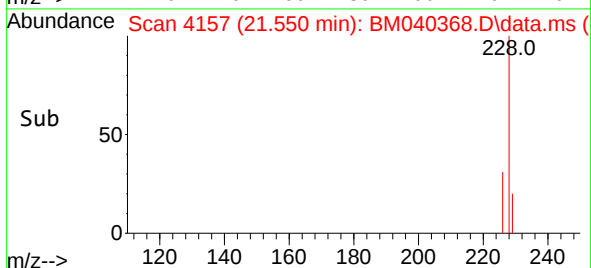
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

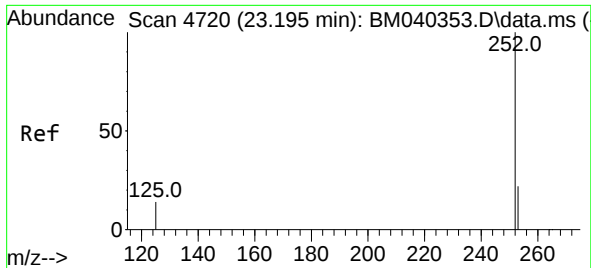


#22
Chrysene
Concen: 0.475 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03



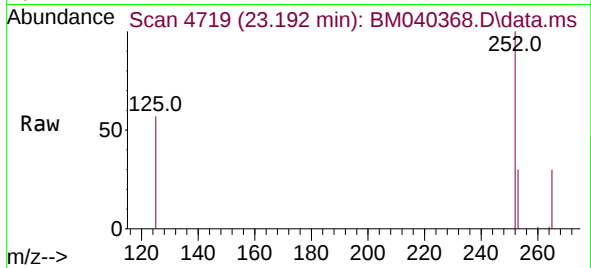
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Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.6 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.711 ng/ul
RT: 23.192 min Scan# 4719
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

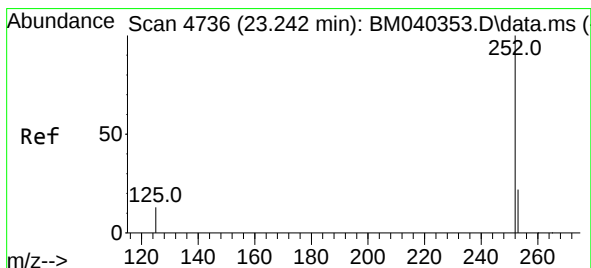
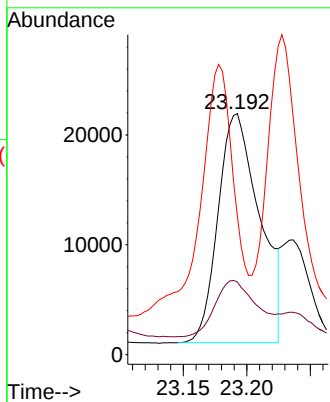
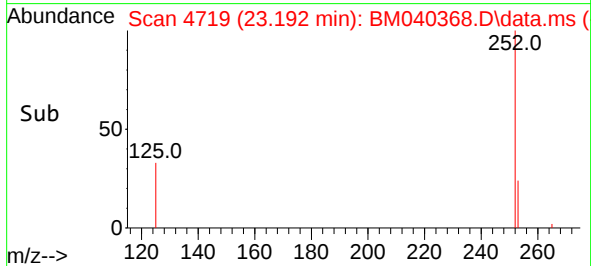
Instrument :
BNA_M
ClientSampleId :
DCFM4



Tgt Ion:252 Resp: 47558
Ion Ratio Lower Upper
252 100
253 30.1 0.0 52.8
125 57.3 0.0 43.0

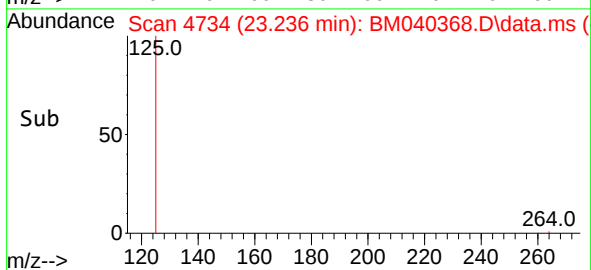
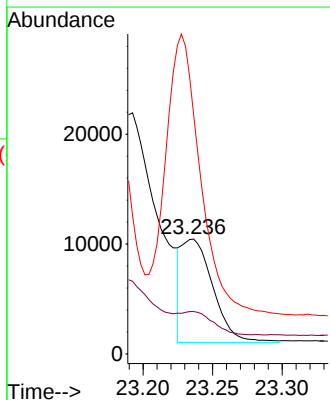
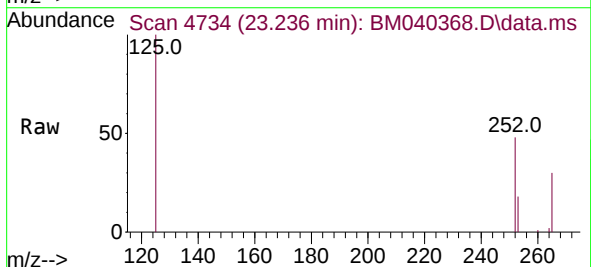
Manual Integrations
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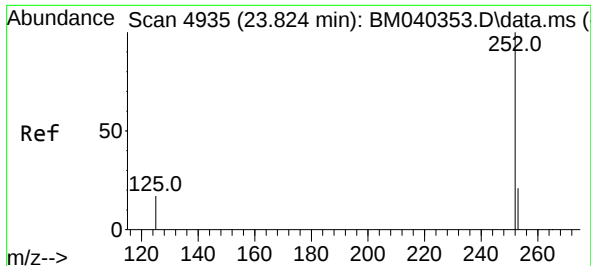
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 0.226 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

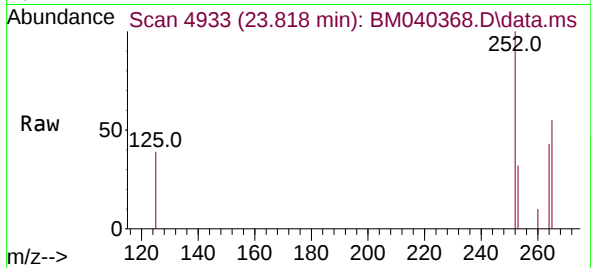
Tgt Ion:252 Resp: 14908
Ion Ratio Lower Upper
252 100
253 36.9 21.2 31.8#
125 207.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

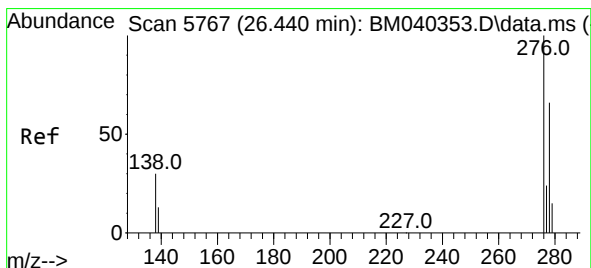
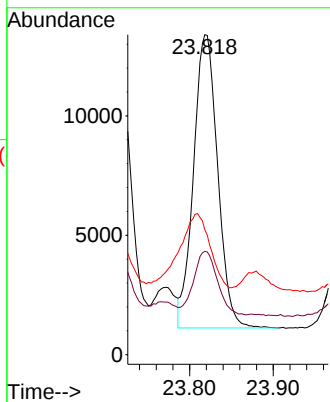
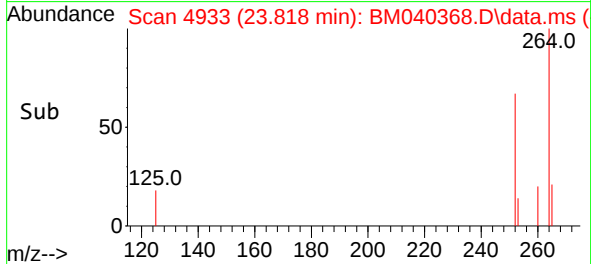
Instrument :
BNA_M
ClientSampleId :
DCFM4



Tgt Ion:252 Resp: 24672
Ion Ratio Lower Upper
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125 39.2 21.0 31.4

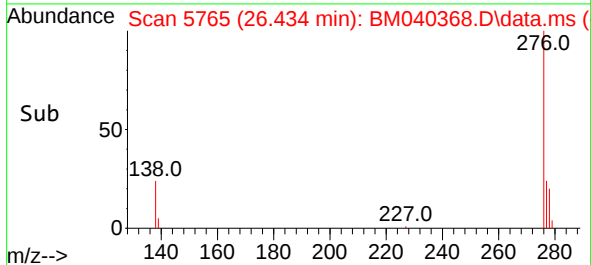
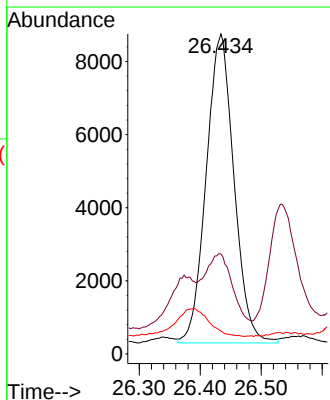
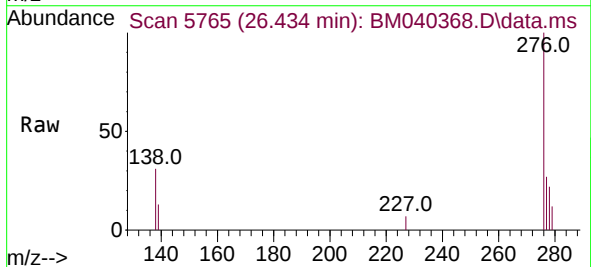
Manual Integrations
APPROVED

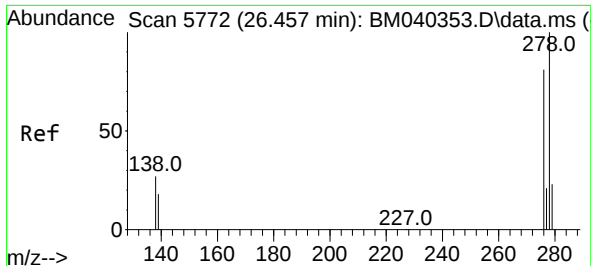
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. 0.000 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

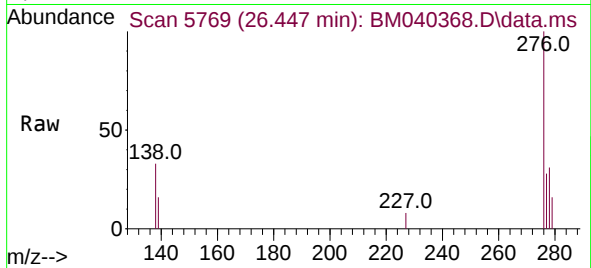
Tgt Ion:276 Resp: 26702
Ion Ratio Lower Upper
276 100
138 41.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

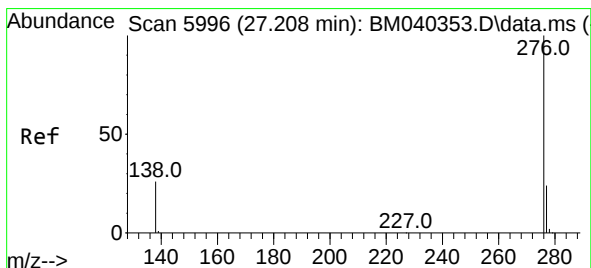
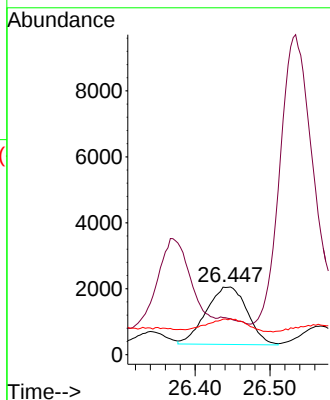
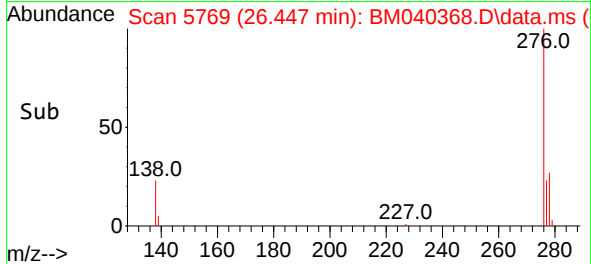
Instrument :
BNA_M
ClientSampleId :
DCFM4



Tgt Ion:278 Resp: 664
Ion Ratio Lower Upper
278 100
139 53.1 17.9 26.9
279 53.0 22.0 33.0

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.209 min Scan# 5996
Delta R.T. 0.003 min
Lab File: BM040368.D
Acq: 23 Jun 2023 03:03

Tgt Ion:276 Resp: 25986
Ion Ratio Lower Upper
276 100
138 32.7 23.0 34.6
277 26.8 20.3 30.5

