

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
 Data File : BM040272.D
 Acq On : 15 Jun 2023 22:59
 Operator : MA/JU
 Sample : 03088-12DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 15 23:44:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	9093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.784	136	32716	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.610	164	16215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	29479	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	17687	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	17380	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	3956	0.352	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1106	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	1605	0.036	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.833	128	5114	0.066	ng/ul#	93
7) 2-Methylnaphthalene	12.439	142	1185	0.025	ng/ul	100
10) Acenaphthylene	14.328	152	3403	0.060	ng/ul#	90
11) Acenaphthene	14.670	153	1028	0.021	ng/ul	95
12) Fluorene	15.655	166	1771	0.033	ng/ul#	92
15) Phenanthrene	17.392	178	25919	0.334	ng/ul	99
16) Anthracene	17.485	178	4789	0.073	ng/ul#	90
19) Fluoranthene	19.408	202	41513	0.689	ng/ul	99
20) Pyrene	19.766	202	15562	0.249	ng/ul	96
21) Benzo(a)anthracene	21.509	228	16344	0.313	ng/ul	97
22) Chrysene	21.565	228	16725	0.303	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	24512	0.383	ng/ul	88
25) Benzo(k)fluoranthene	23.254	252	9970m	0.165	ng/ul	
26) Benzo(a)pyrene	23.839	252	3547	0.067	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	26.464	276	5349	0.080	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.481	278	3132	0.059	ng/ul#	41

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

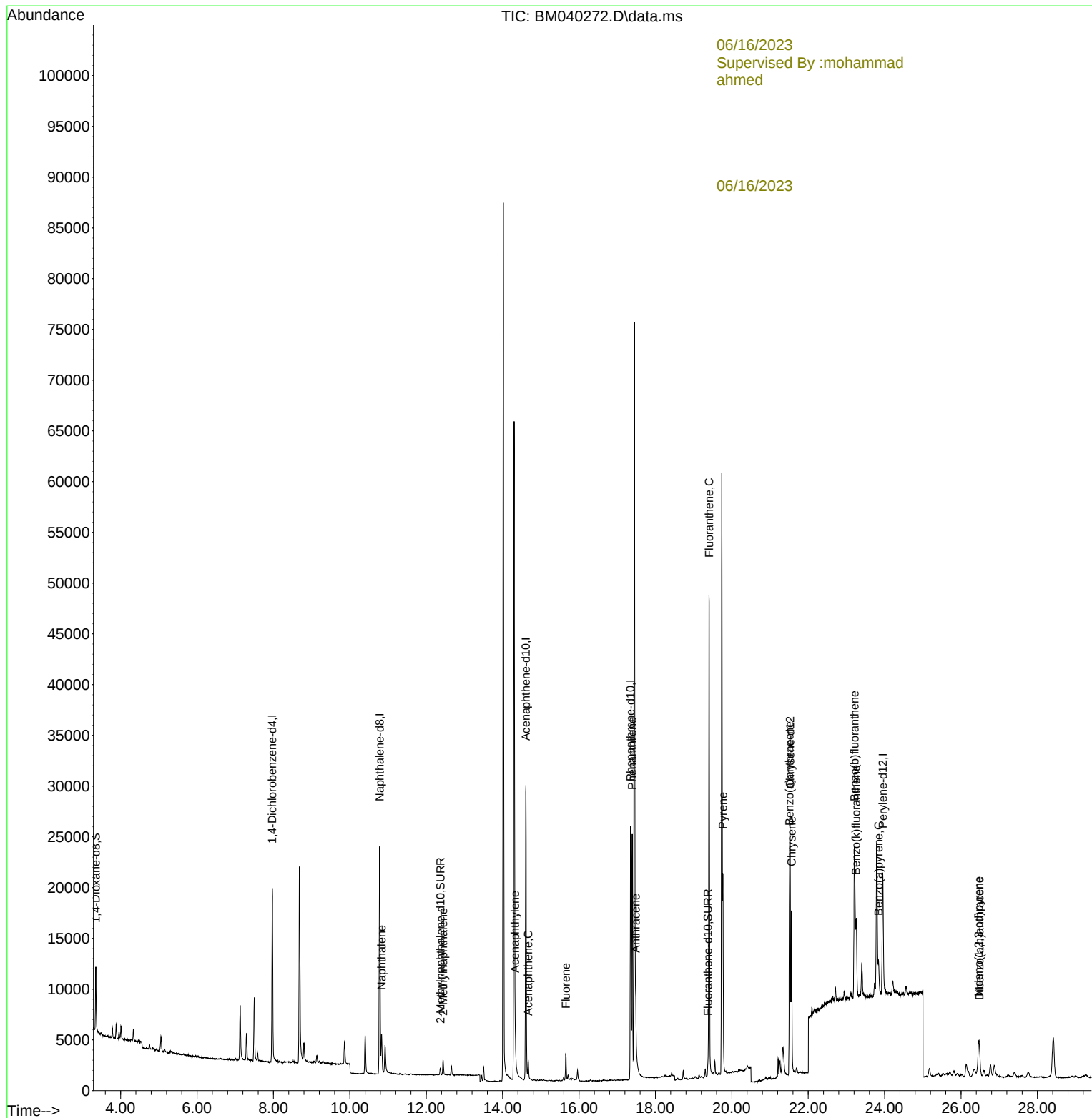
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040272.D
Acq On : 15 Jun 2023 22:59
Operator : MA/JU
Sample : 03088-12DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

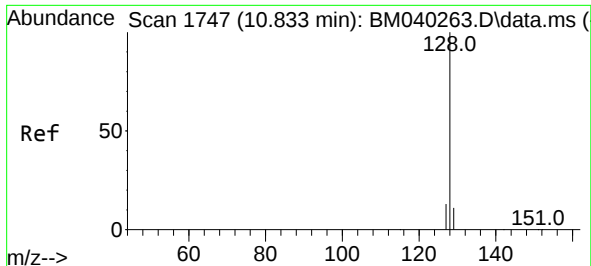
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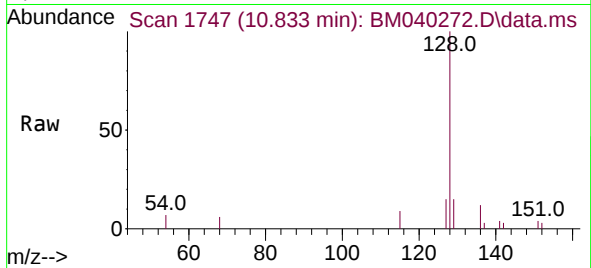
Quant Time: Jun 15 23:44:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.833 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

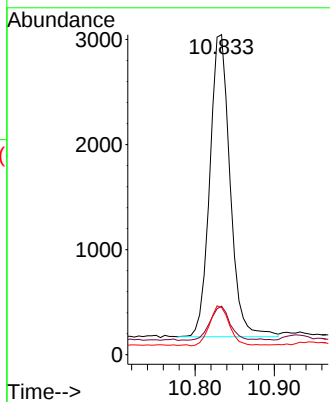
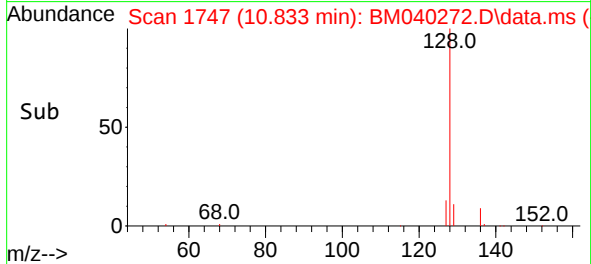
Instrument :
BNA_M
ClientSampleId :
DCFR8DL



Tgt Ion:128 Resp: 5114
Ion Ratio Lower Upper
128 100
129 15.2 9.1 13.7
127 14.8 10.4 15.6

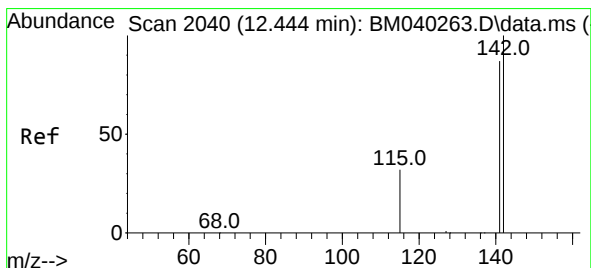
Manual Integrations
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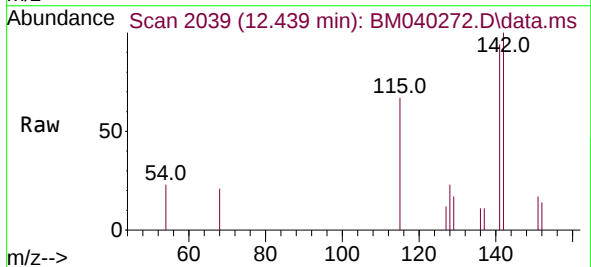


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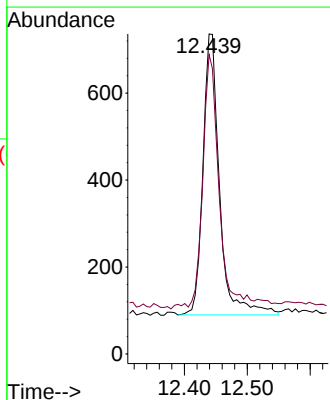
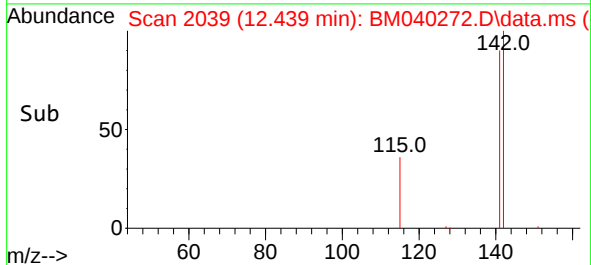
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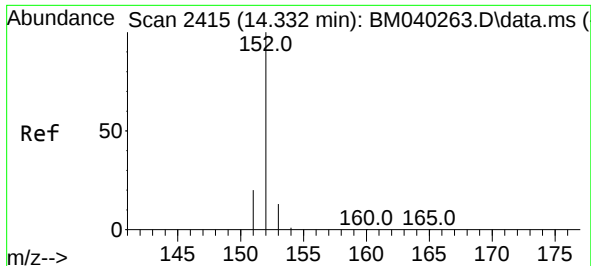


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59



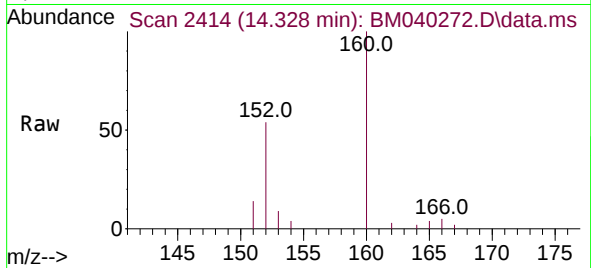
Tgt Ion:142 Resp: 1185
Ion Ratio Lower Upper
142 100
141 88.3 70.6 106.0





#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.328 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

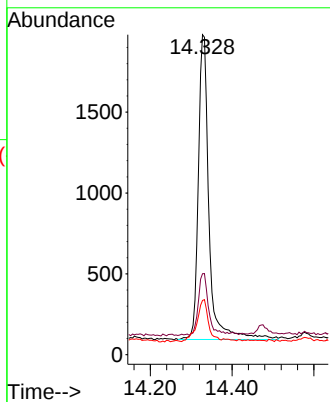
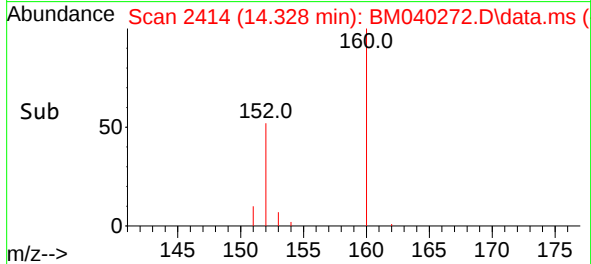
Instrument :
BNA_M
ClientSampleId :
DCFR8DL



Tgt Ion:152 Resp: 340
Ion Ratio Lower Upper
152 100
151 25.3 16.3 24.5
153 17.0 10.7 16.1

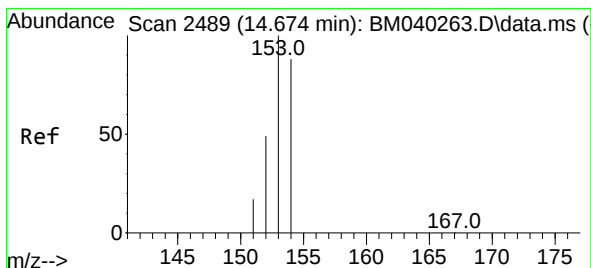
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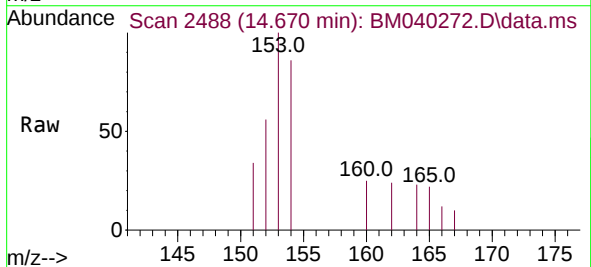


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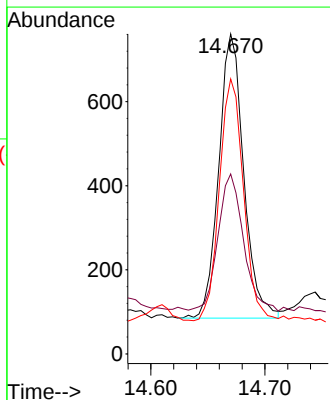
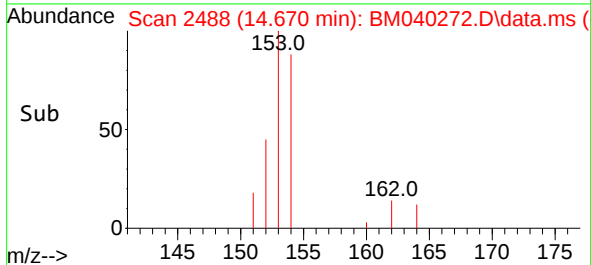
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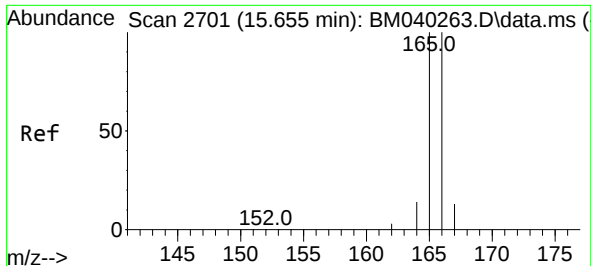


#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59



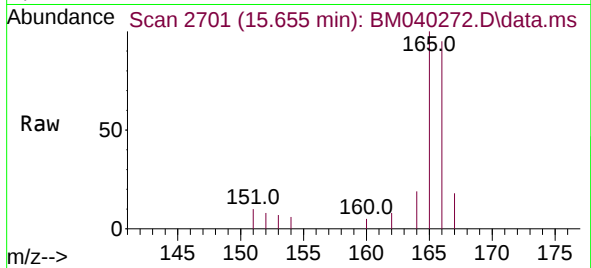
Tgt Ion:153 Resp: 1028
Ion Ratio Lower Upper
153 100
152 56.2 40.3 60.5
154 85.9 70.5 105.7





#12
Fluorene
Concen: 0.033 ng/u1
RT: 15.655 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

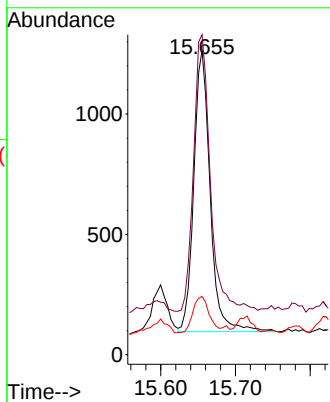
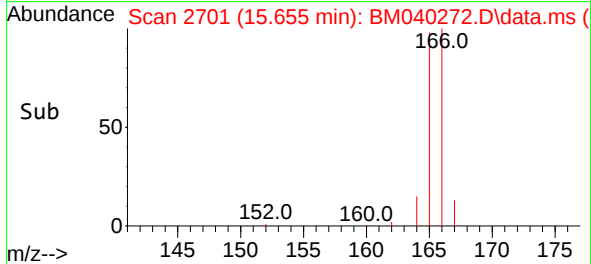
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 177
Ion Ratio Lower Upper
166 100
165 105.2 78.2 117.4
167 19.1 11.0 16.4

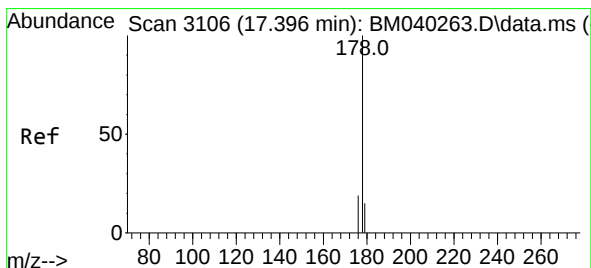
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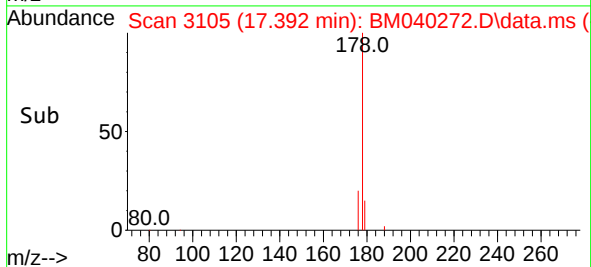
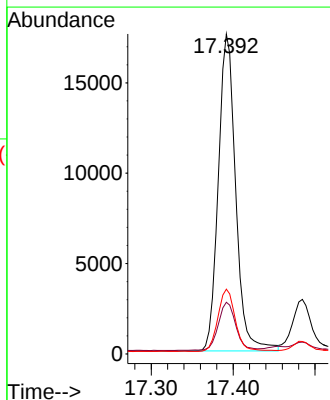
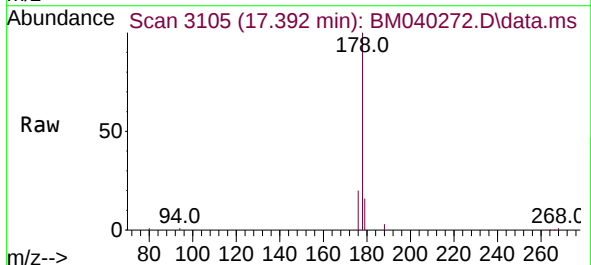
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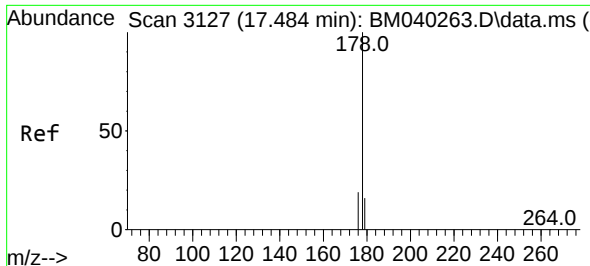
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#15
Phenanthrene
Concen: 0.334 ng/u1
RT: 17.392 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

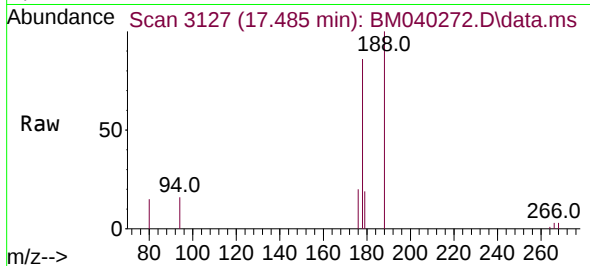
Tgt Ion:178 Resp: 25919
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 16.1 24.1





#16
 Anthracene
 Concen: 0.073 ng/u1
 RT: 17.485 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040272.D
 Acq: 15 Jun 2023 22:59

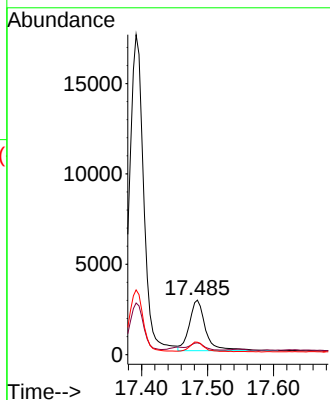
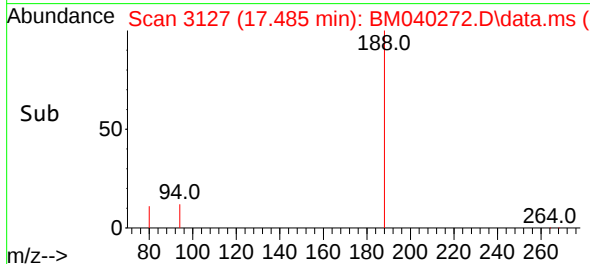
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 4789
 Ion Ratio Lower Upper
 178 100
 179 21.7 13.0 19.4
 176 23.0 15.5 23.3

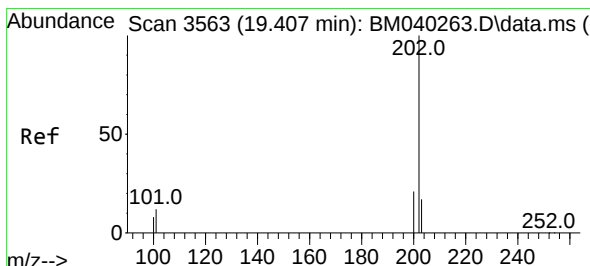
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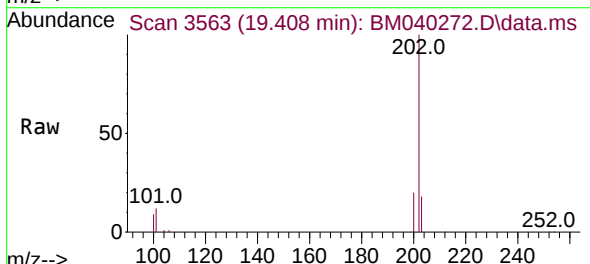


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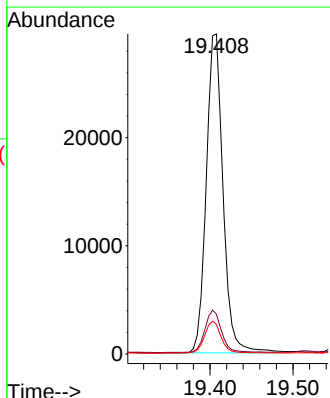
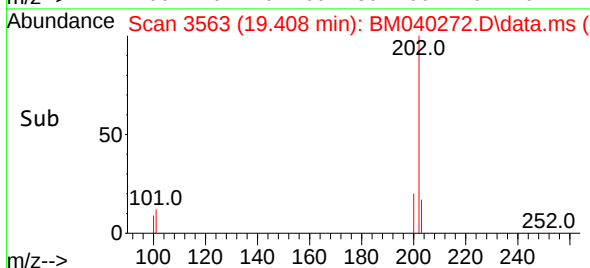
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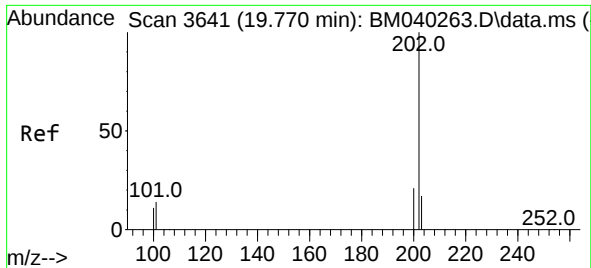


#19
 Fluoranthene
 Concen: 0.689 ng/u1
 RT: 19.408 min Scan# 3563
 Delta R.T. 0.000 min
 Lab File: BM040272.D
 Acq: 15 Jun 2023 22:59



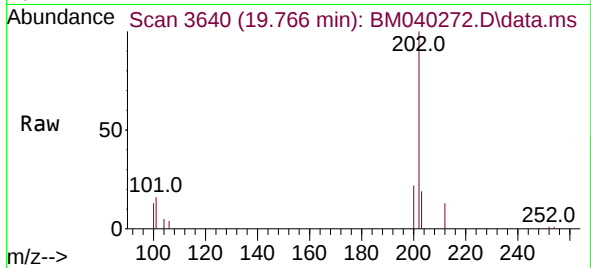
Tgt Ion:202 Resp: 41513
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.2 15.4
 100 9.2 7.6 11.4





#20
Pyrene
Concen: 0.249 ng/ul
RT: 19.766 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

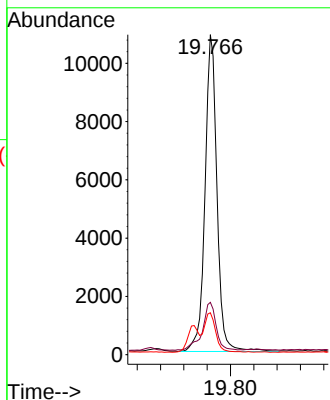
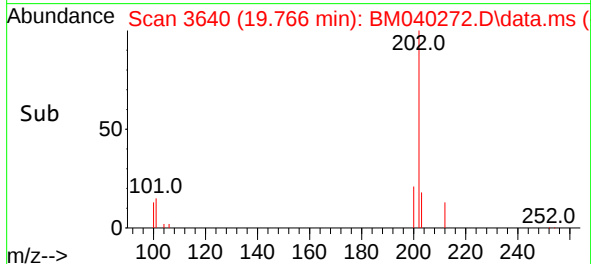
Instrument :
BNA_M
ClientSampleId :
DCFR8DL



Tgt Ion:202 Resp: 1556
Ion Ratio Lower Upper
202 100
101 16.4 11.8 17.8
100 13.1 9.3 13.9

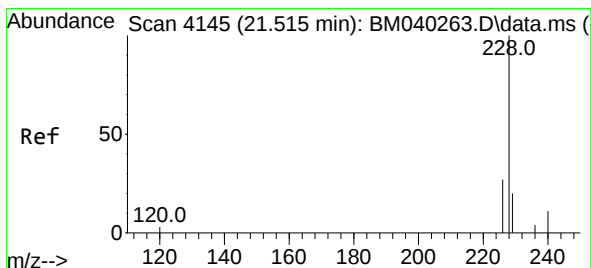
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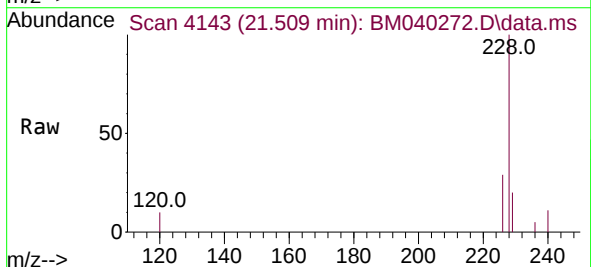


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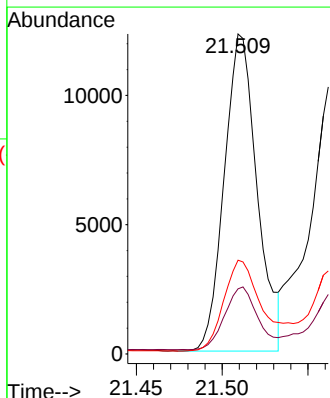
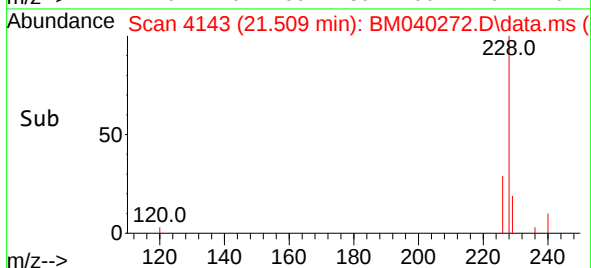
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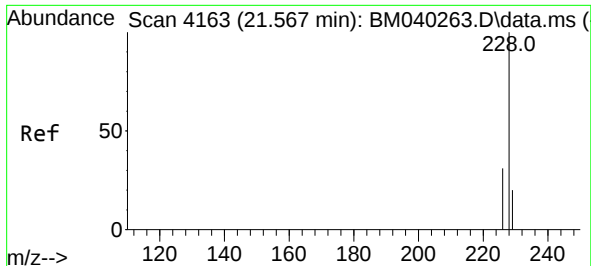


#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59



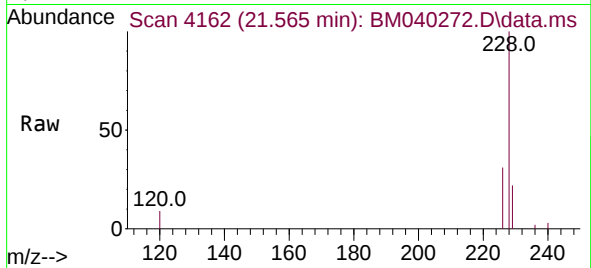
Tgt Ion:228 Resp: 16344
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 29.3 22.0 33.0





#22
Chrysene
Concen: 0.303 ng/u1
RT: 21.565 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

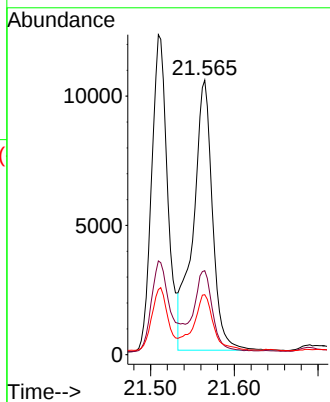
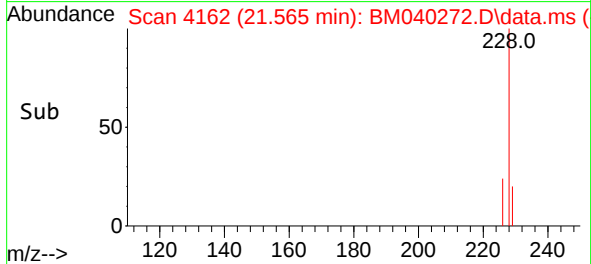
Instrument :
BNA_M
ClientSampleId :
DCFR8DL



Tgt Ion:228 Resp: 16725
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 21.9 15.7 23.5

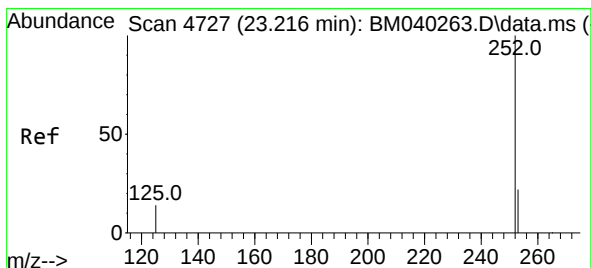
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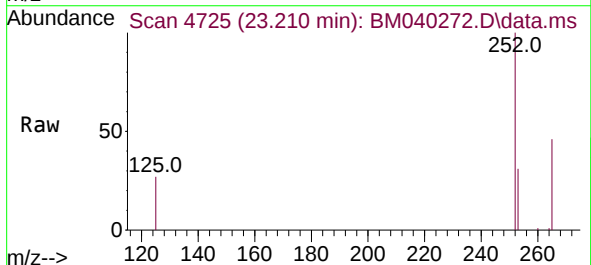


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ahmed

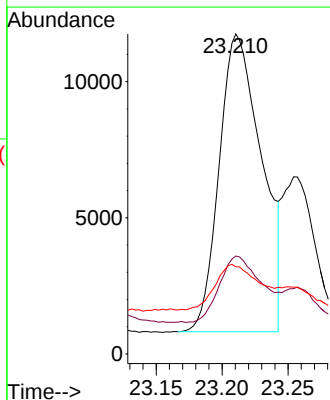
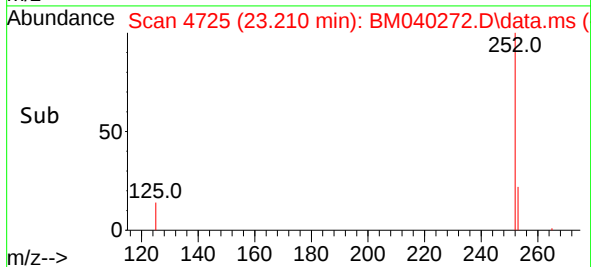
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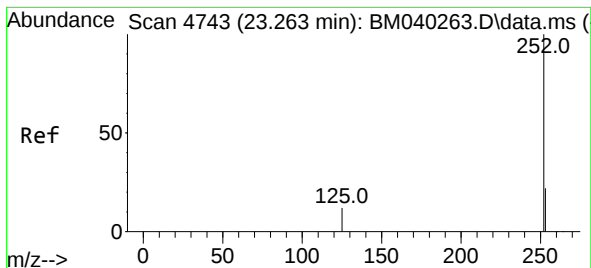


#24
Benzo(b)fluoranthene
Concen: 0.383 ng/u1
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59



Tgt Ion:252 Resp: 24512
Ion Ratio Lower Upper
252 100
253 30.6 0.0 52.4
125 27.2 0.0 38.4





#25

Benzo(k)fluoranthene

Concen: 0.165 ng/ul m

RT: 23.254 min Scan# 4

Delta R.T. -0.011 min

Lab File: BM040272.D

Acq: 15 Jun 2023 22:59

Instrument :

BNM

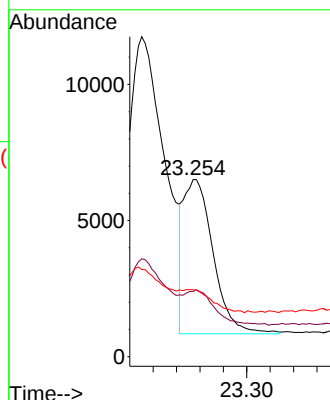
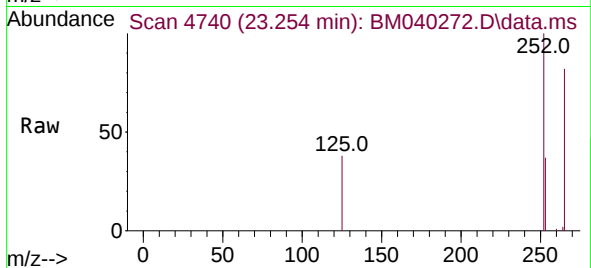
ClientSampleId :

DCFR8DL

Tgt Ion:252	Resp:	9970
Ion Ratio	Lower	Upper
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253	36.9	21.5 32.3
125	37.8	14.7 22.1

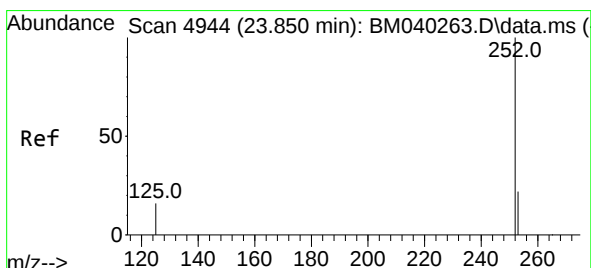
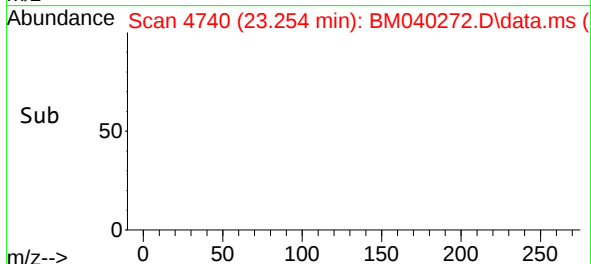
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#26

Benzo(a)pyrene

Concen: 0.067 ng/ul

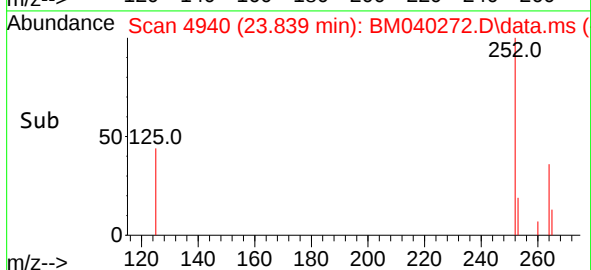
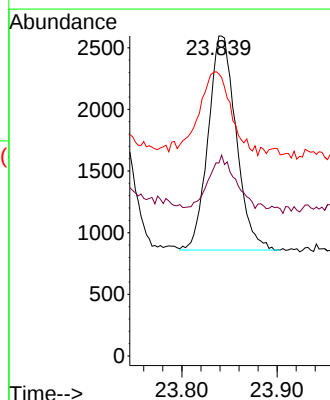
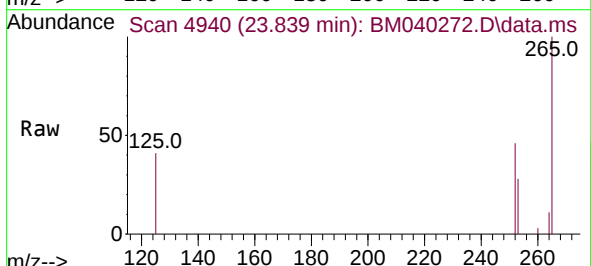
RT: 23.839 min Scan# 4940

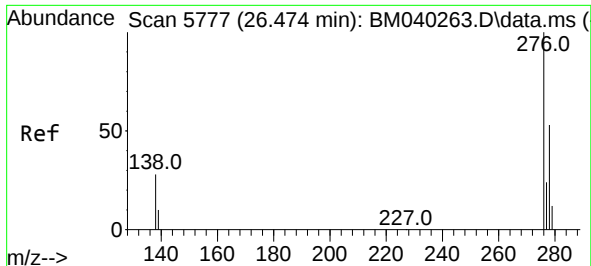
Delta R.T. -0.011 min

Lab File: BM040272.D

Acq: 15 Jun 2023 22:59

Tgt Ion:252	Resp:	3547
Ion Ratio	Lower	Upper
252	100	
253	60.3	23.4 35.0
125	88.2	19.7 29.5





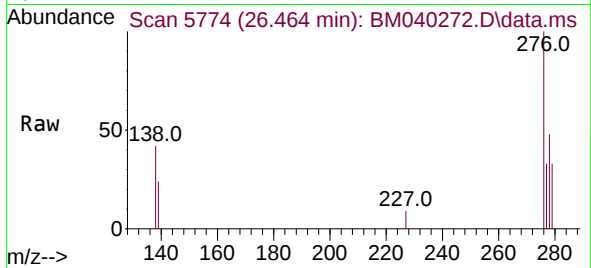
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59

Instrument :

BNA_M

ClientSampleId :

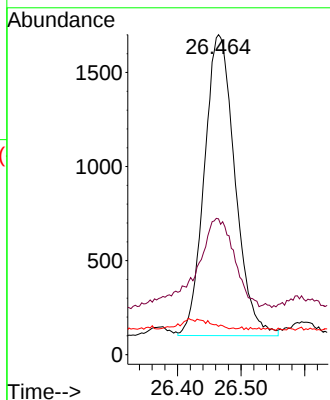
DCFR8DL



Tgt Ion:276 Resp: 5349
Ion Ratio Lower Upper
276 100
138 38.4 23.3 34.9#
227 0.0 0.1 0.1#

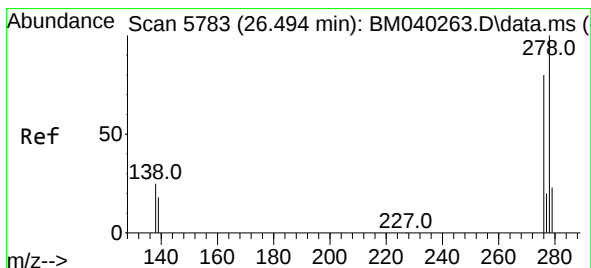
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

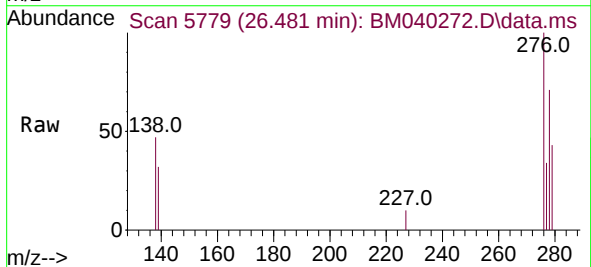


06/16/2023
Supervised By :mohammad
ahmed

06/16/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.481 min Scan# 5779
Delta R.T. -0.016 min
Lab File: BM040272.D
Acq: 15 Jun 2023 22:59



Tgt Ion:278 Resp: 3132
Ion Ratio Lower Upper
278 100
139 44.7 16.4 24.6#
279 60.4 21.8 32.8#

