

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040416.D
 Acq On : 27 Jun 2023 00:07
 Operator : MA/JU
 Sample : 03084-18DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN5DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 04:28:25 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	7.945	152	8538	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	29535	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	13337	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	23340	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	13021	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13608	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6287	0.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1547	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1854	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	7569	0.093	ng/ul#	94
7) 2-Methylnaphthalene	12.417	142	5200	0.109	ng/ul	96
8) 1-Methylnaphthalene	12.631	142	3023	0.063	ng/ul	99
10) Acenaphthylene	14.304	152	12969	0.218	ng/ul	98
15) Phenanthrene	17.375	178	23226	0.320	ng/ul	99
16) Anthracene	17.463	178	5549	0.091	ng/ul#	93
19) Fluoranthene	19.389	202	76876	1.390	ng/ul	96
20) Pyrene	19.752	202	65128	1.098	ng/ul	97
21) Benzo(a)anthracene	21.494	228	33770	0.767	ng/ul	95
22) Chrysene	21.547	228	40498	0.806	ng/ul	96
24) Benzo(b)fluoranthene	23.190	252	56851	1.080	ng/ul	97
25) Benzo(k)fluoranthene	23.234	252	20508m	0.395	ng/ul	
26) Benzo(a)pyrene	23.818	252	31495	0.664	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.427	276	28849	0.437	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	7281	0.141	ng/ul#	71
29) Benzo(g,h,i)perylene	27.205	276	27754	0.479	ng/ul	99

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

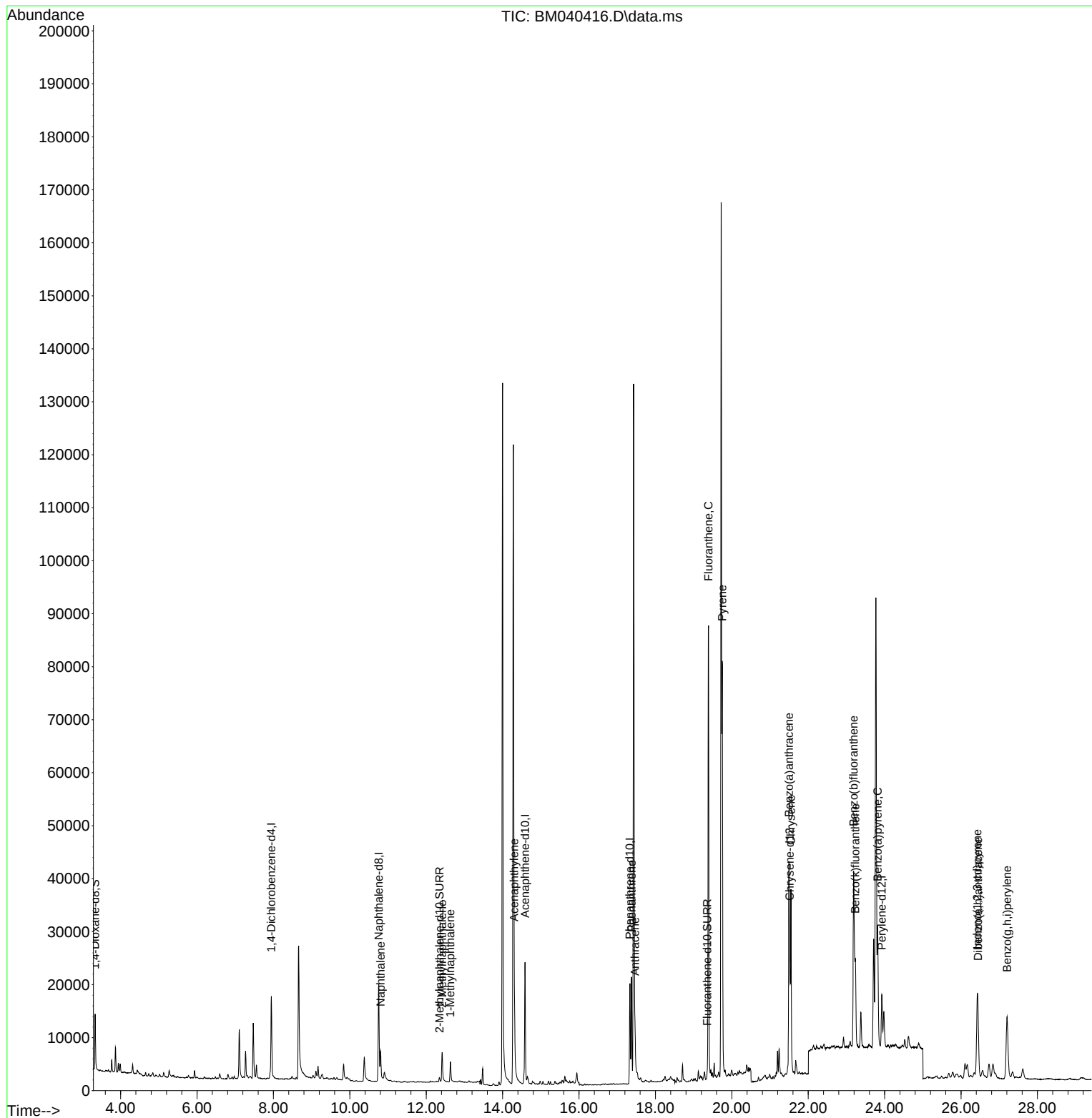
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040416.D
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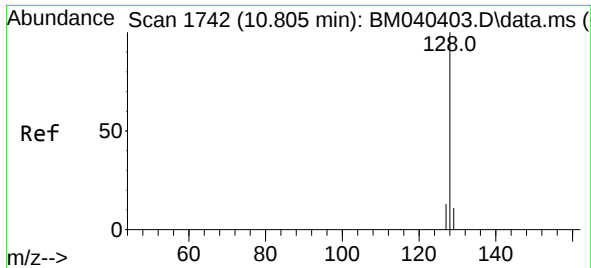
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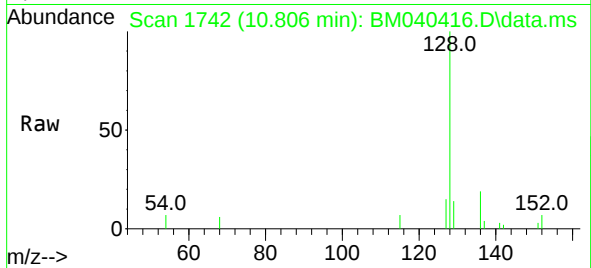
Quant Time: Jun 27 04:28:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

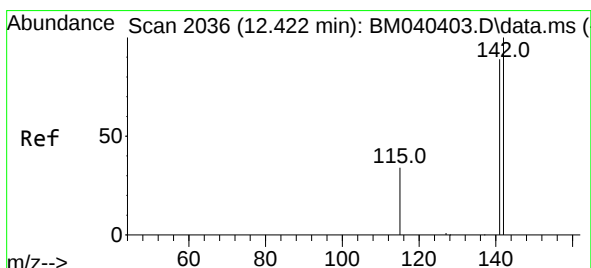
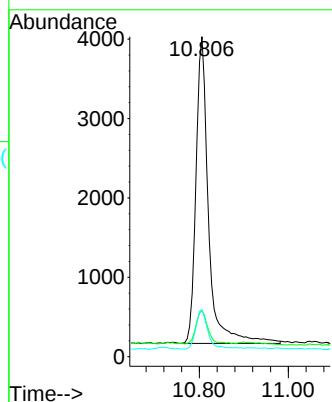
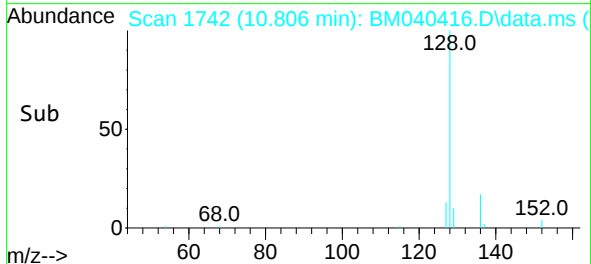
Instrument :
BNA_M
ClientSampleId :
DCFN5DL



Tgt Ion:128 Resp: 7569
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 14.6 10.6 15.8

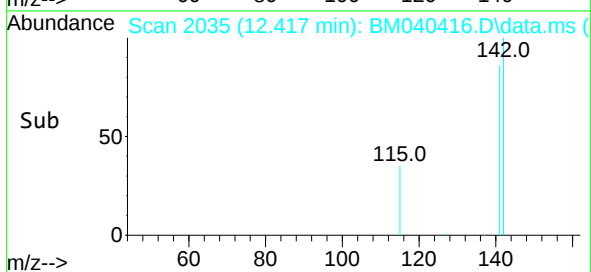
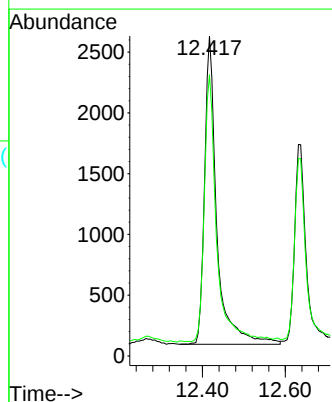
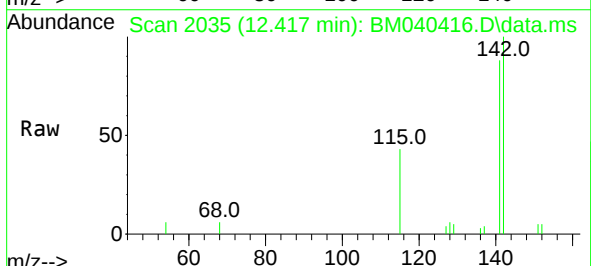
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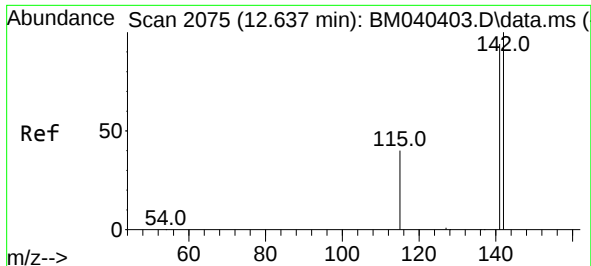
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

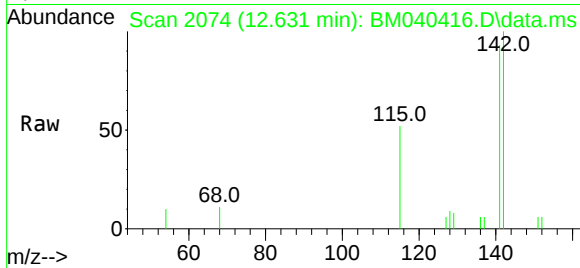
Tgt Ion:142 Resp: 5200
Ion Ratio Lower Upper
142 100
141 86.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.063 ng/u1
RT: 12.631 min Scan# 2075
Delta R.T. -0.011 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

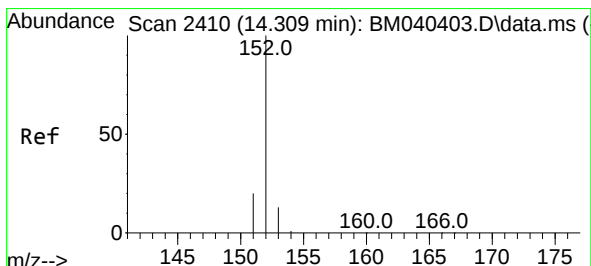
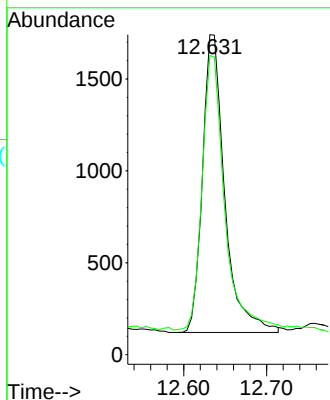
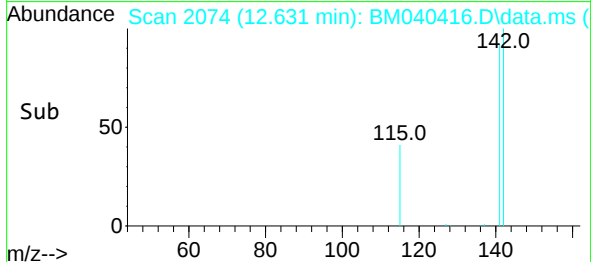
Instrument :
BNA_M
ClientSampleId :
DCFN5DL



Tgt Ion:142 Resp: 302
Ion Ratio Lower Upper
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141 92.9 73.7 110.5

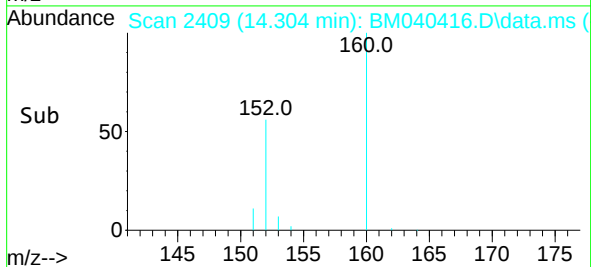
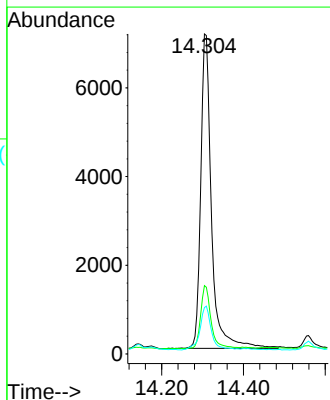
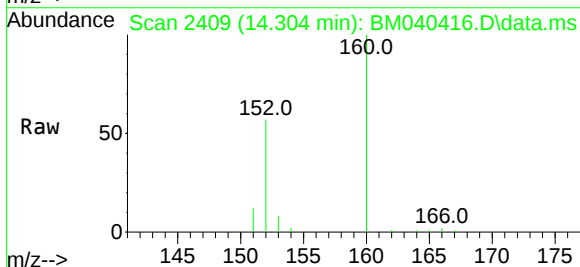
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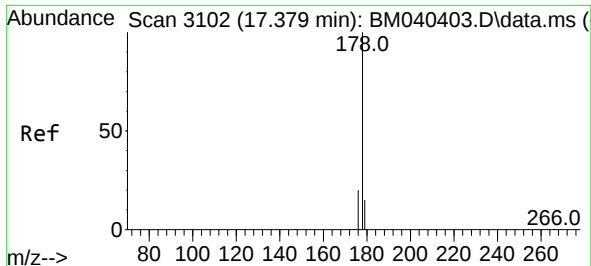
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.218 ng/u1
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

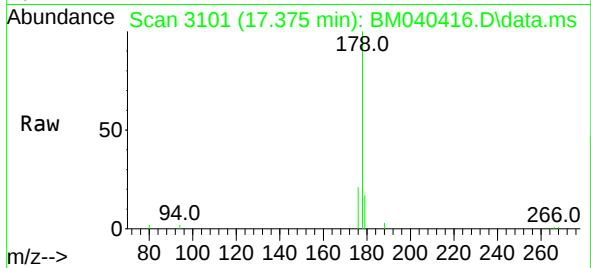
Tgt Ion:152 Resp: 12969
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 14.5 10.9 16.3





#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

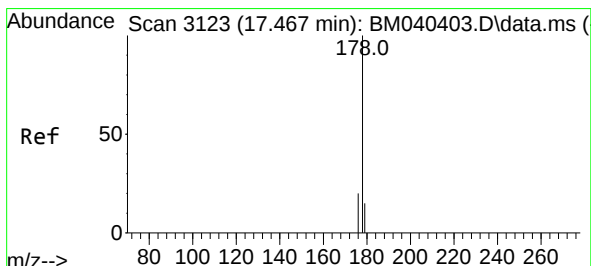
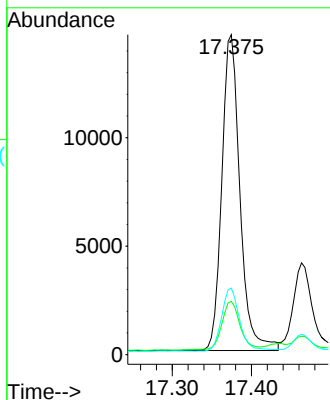
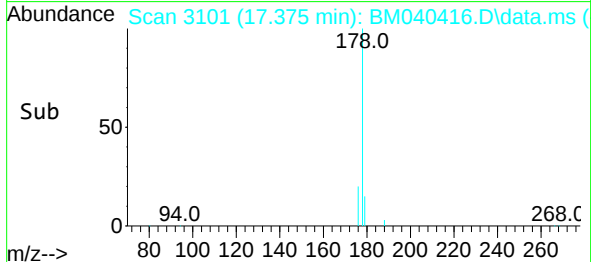
Instrument :
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ClientSampleId :
DCFN5DL



Tgt Ion:178 Resp: 23220
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 20.8 16.4 24.6

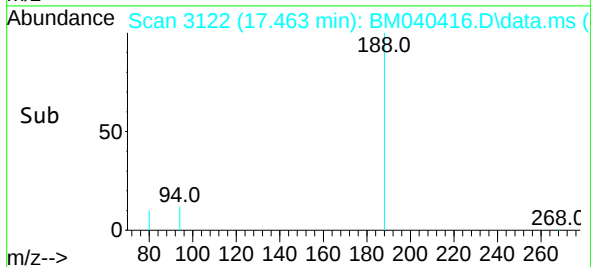
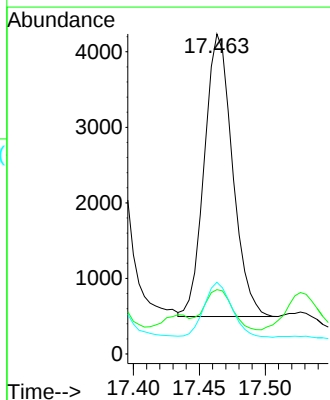
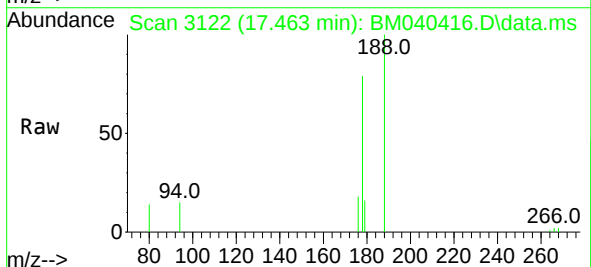
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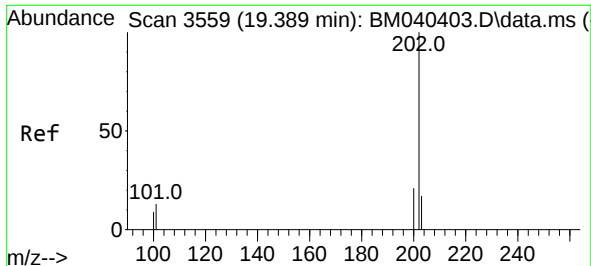
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.091 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

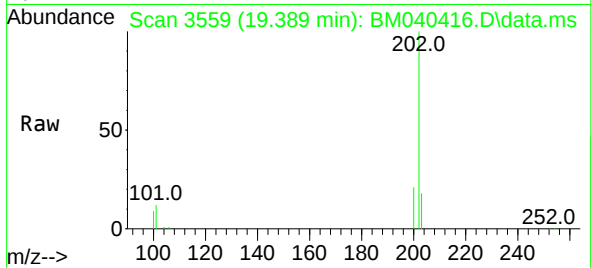
Tgt Ion:178 Resp: 5549
Ion Ratio Lower Upper
178 100
179 20.1 12.9 19.3#
176 22.4 15.8 23.6





#19
Fluoranthene
Concen: 1.390 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

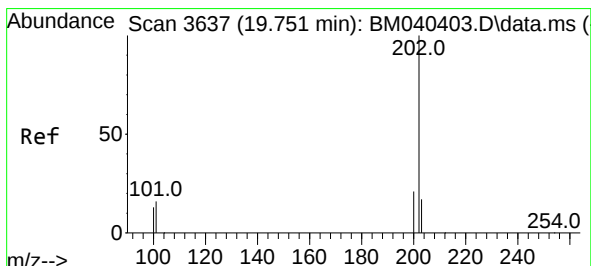
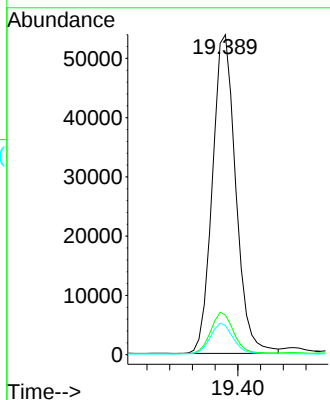
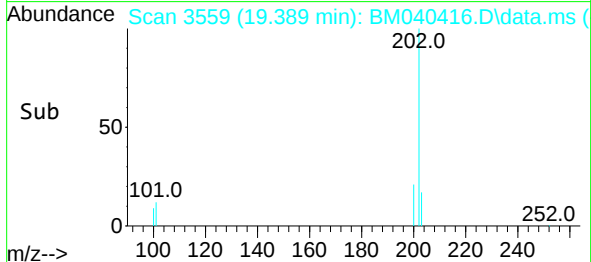
Instrument :
BNA_M
ClientSampleId :
DCFN5DL



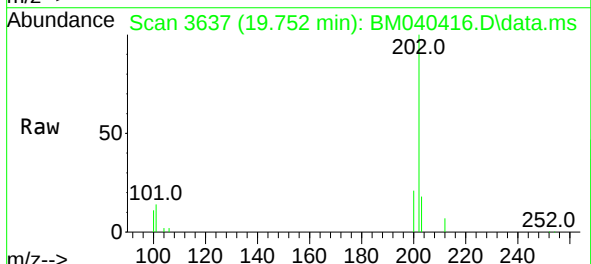
Tgt Ion:202 Resp: 76870
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 9.1 8.7 13.1

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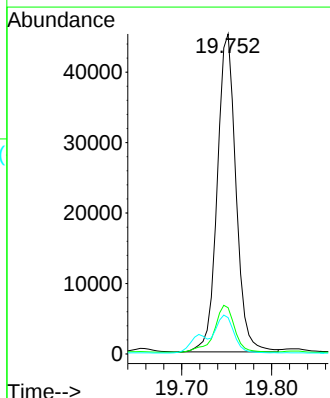
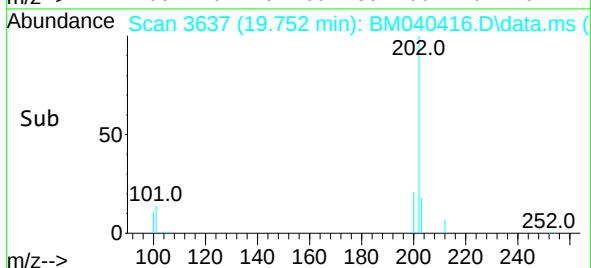
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

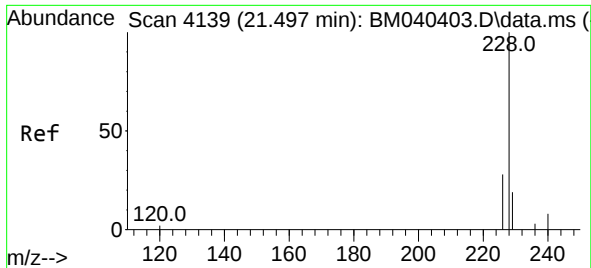


#20
Pyrene
Concen: 1.098 ng/u1
RT: 19.752 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07



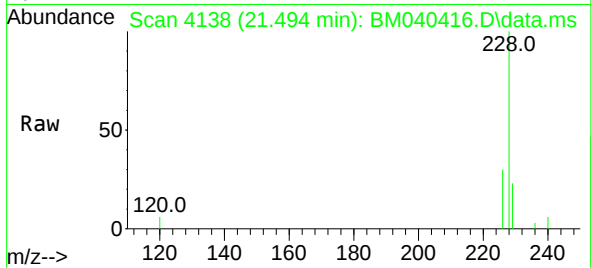
Tgt Ion:202 Resp: 65128
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.767 ng/ul
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

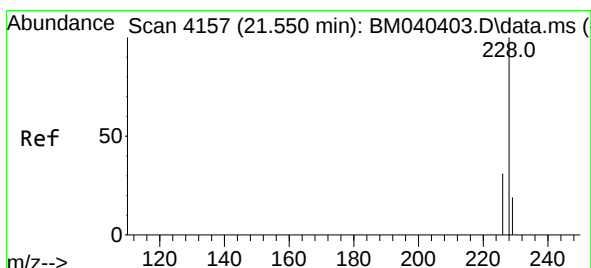
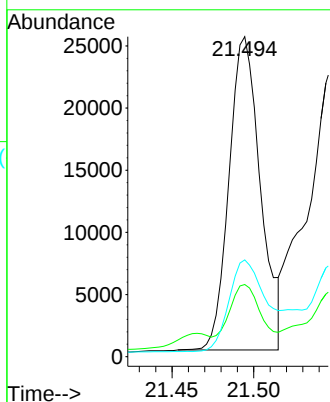
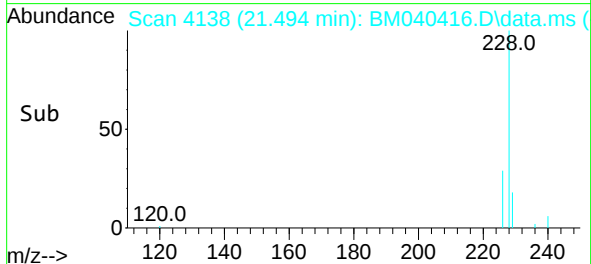
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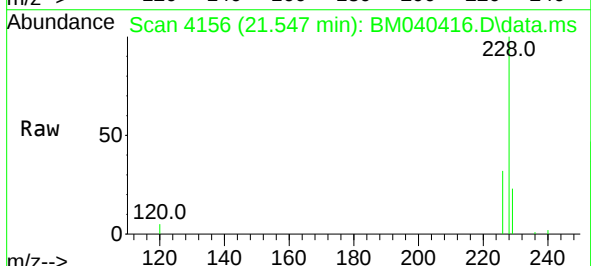
Tgt Ion:228 Resp: 33770
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 30.2 22.3 33.5

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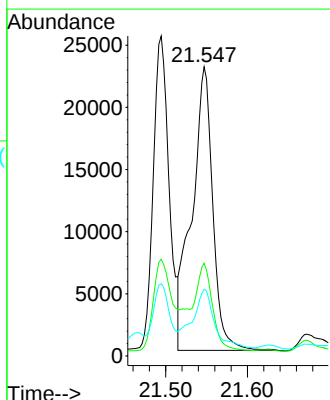
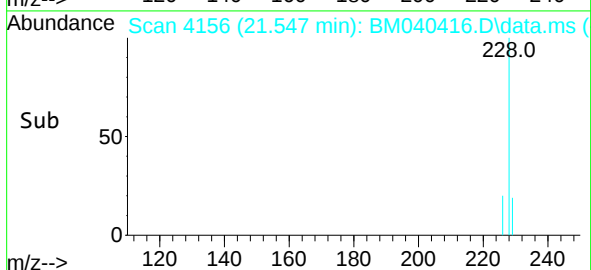
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

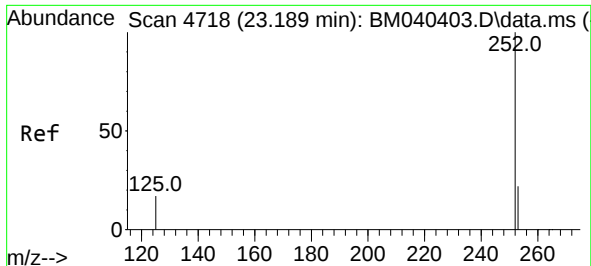


#22
Chrysene
Concen: 0.806 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07



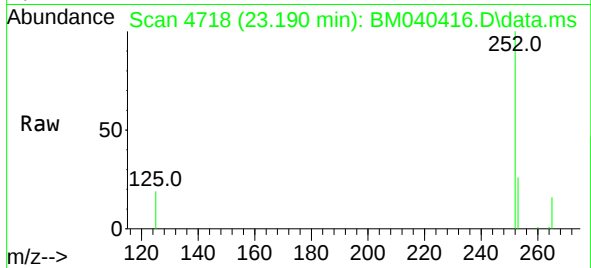
Tgt Ion:228 Resp: 40498
Ion Ratio Lower Upper
228 100
226 32.0 24.9 37.3
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.080 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

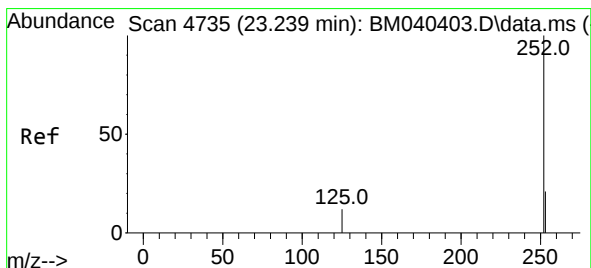
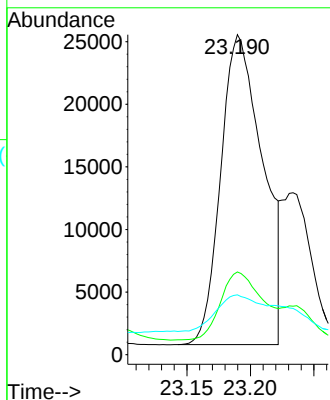
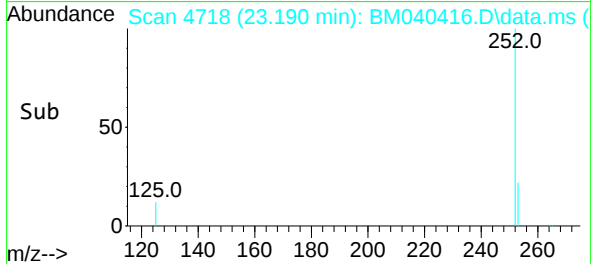
Instrument :
BNA_M
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DCFN5DL



Tgt Ion:252 Resp: 5685
Ion Ratio Lower Upper
252 100
253 25.9 0.0 52.8
125 18.7 0.0 43.0

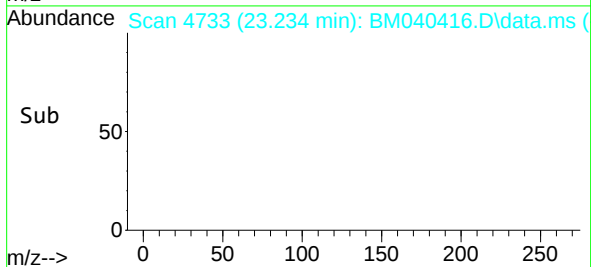
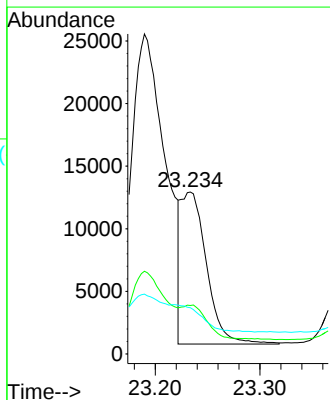
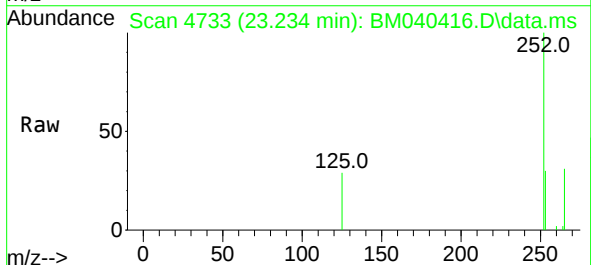
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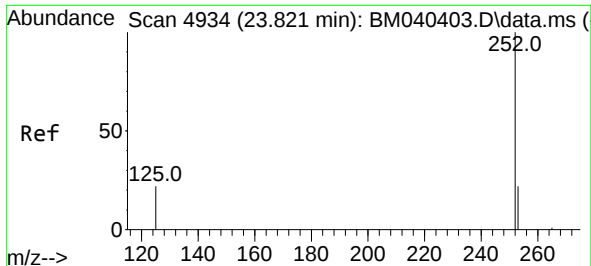
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 23.234 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

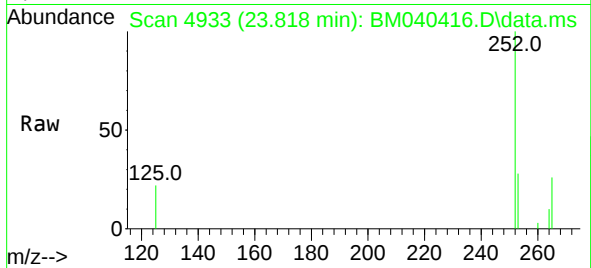
Tgt Ion:252 Resp: 20508
Ion Ratio Lower Upper
252 100
253 29.9 21.2 31.8
125 28.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.664 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

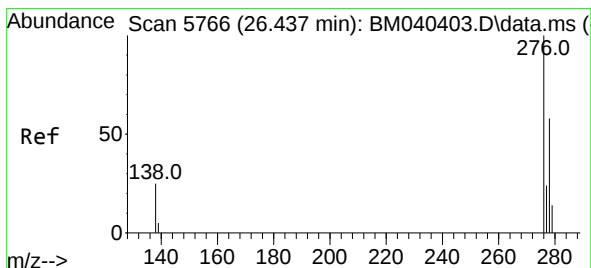
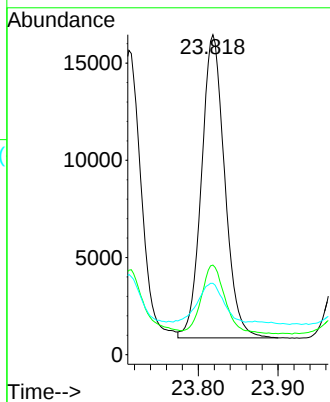
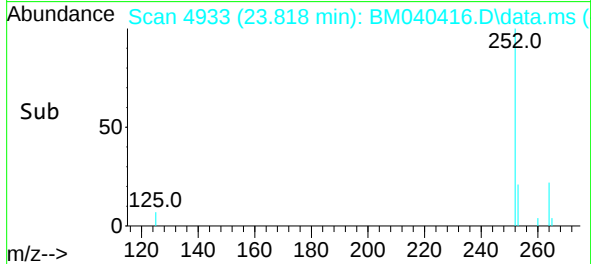
Instrument :
BNA_M
ClientSampleId :
DCFN5DL



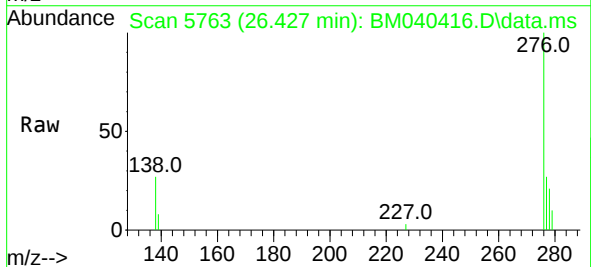
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125 22.3 21.0 31.4

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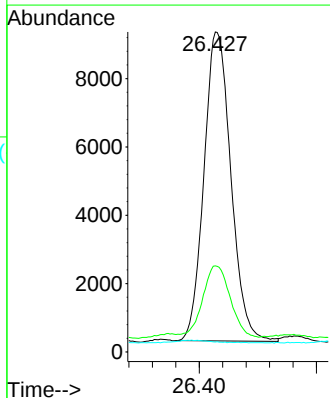
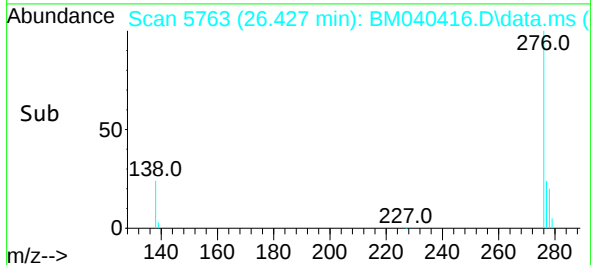
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

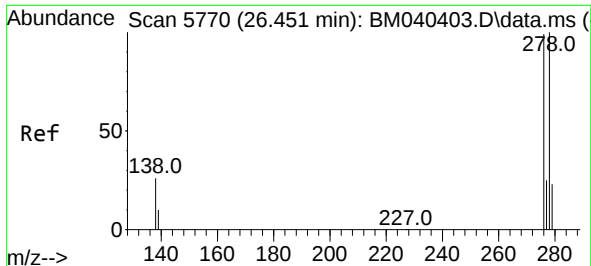


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07



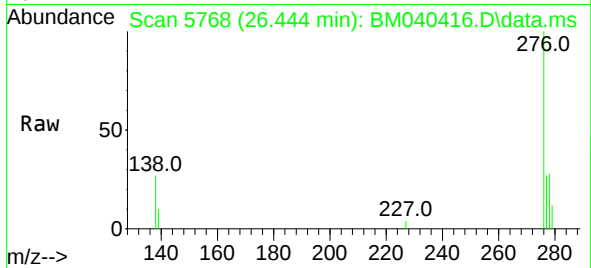
Tgt Ion:276 Resp: 28849
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 26.444 min Scan# 5768
Delta R.T. -0.010 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

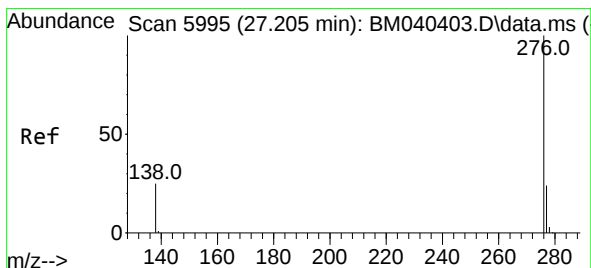
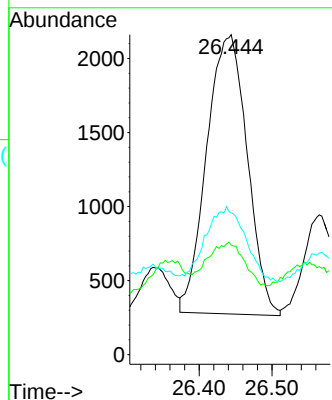
Instrument :
BNA_M
ClientSampleId :
DCFN5DL



Tgt Ion: 278 Resp: 728
Ion Ratio Lower Upper
278 100
139 34.2 17.9 26.9
279 44.3 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040416.D
Acq: 27 Jun 2023 00:07

Tgt Ion: 276 Resp: 27754
Ion Ratio Lower Upper
276 100
138 28.3 23.0 34.6
277 26.0 20.3 30.5

