

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040385.D
 Acq On : 23 Jun 2023 21:01
 Operator : MA/JU
 Sample : 03088-08DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:38:46 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	6121	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	22428	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	10994	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21552	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	15222	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	12540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	3282	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	864	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1442	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	6035	0.098	ng/ul#	94
10) Acenaphthylene	14.313	152	1446	0.029	ng/ul#	76
15) Phenanthrene	17.375	178	13229	0.198	ng/ul	98
16) Anthracene	17.467	178	2507	0.045	ng/ul#	79
19) Fluoranthene	19.389	202	43041	0.666	ng/ul	99
20) Pyrene	19.751	202	30800	0.444	ng/ul	99
21) Benzo(a)anthracene	21.497	228	15457	0.300	ng/ul	97
22) Chrysene	21.550	228	22944	0.391	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	32024	0.660	ng/ul#	75
25) Benzo(k)fluoranthene	23.236	252	12127m	0.254	ng/ul	
26) Benzo(a)pyrene	23.821	252	8985	0.206	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.430	276	9767	0.160	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.444	278	2892	0.061	ng/ul#	45

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

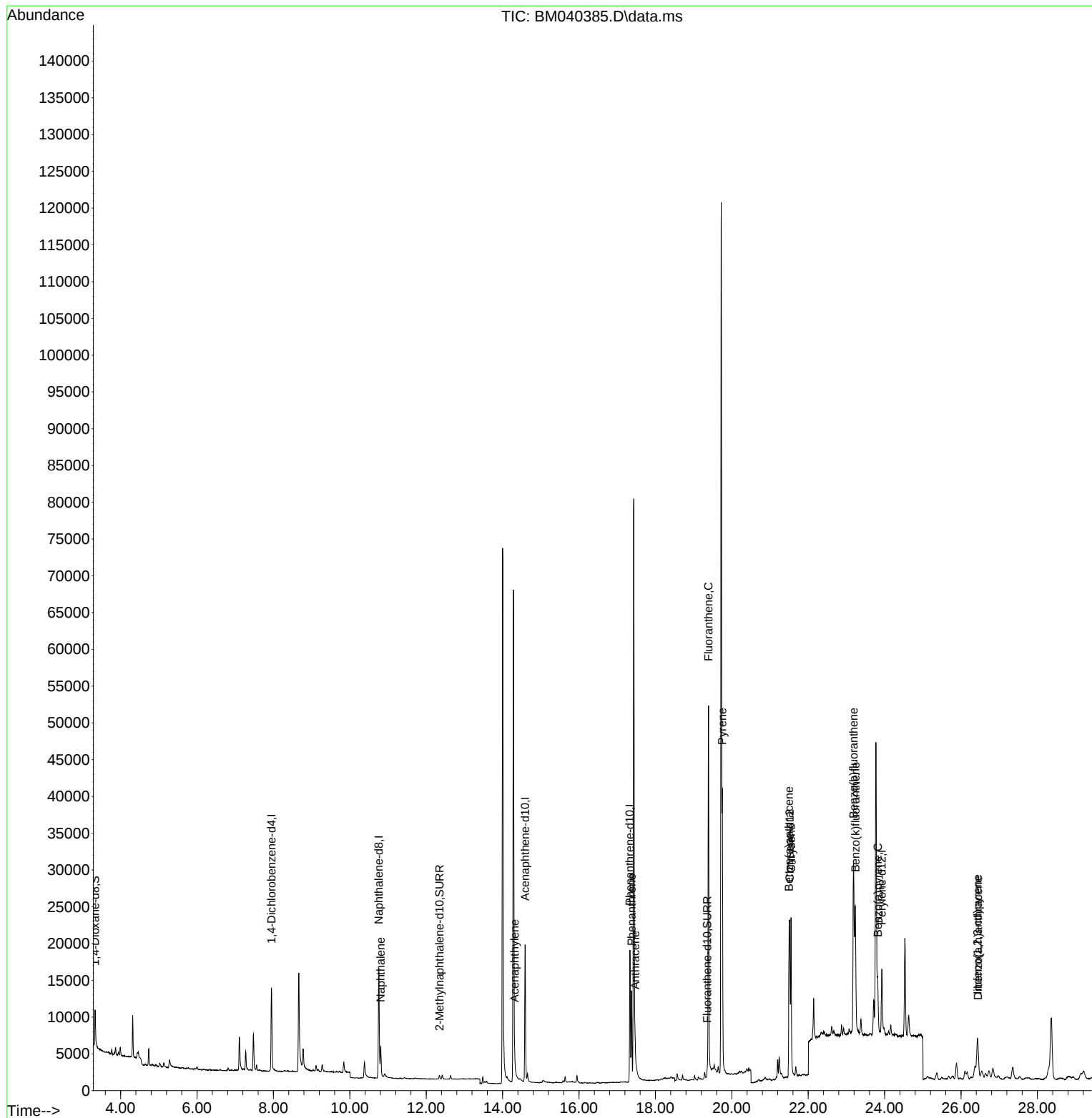
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
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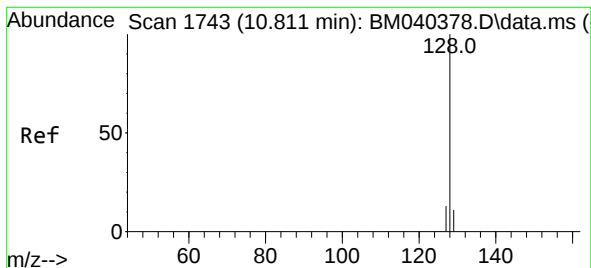
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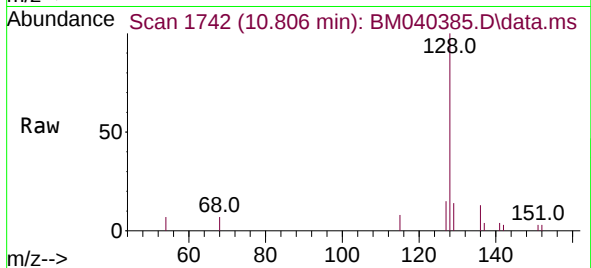
Quant Time: Jun 24 01:38:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.098 ng/u1
RT: 10.806 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

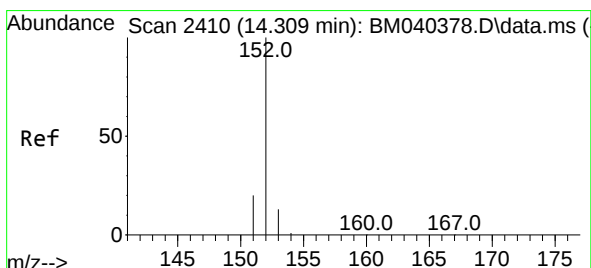
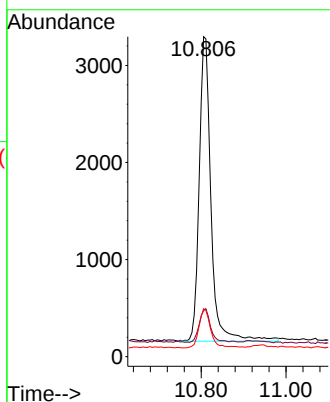
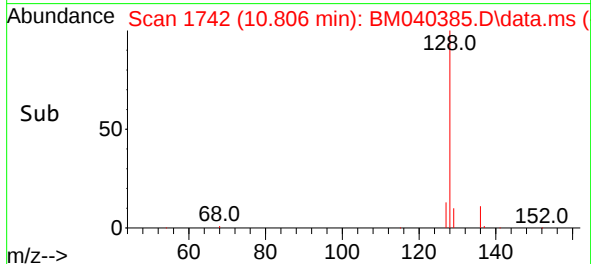
Instrument :
BNA_M
ClientSampleId :
DCFR4DL



Tgt Ion:128 Resp: 6035
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8#
127 15.0 10.6 15.8#

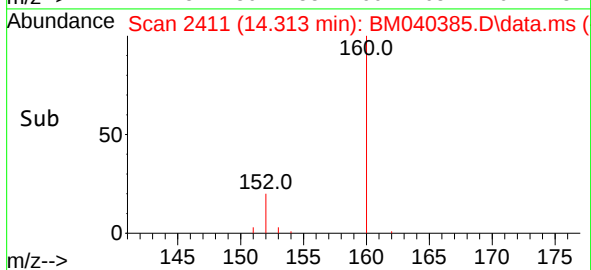
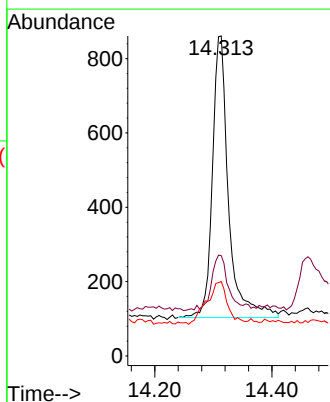
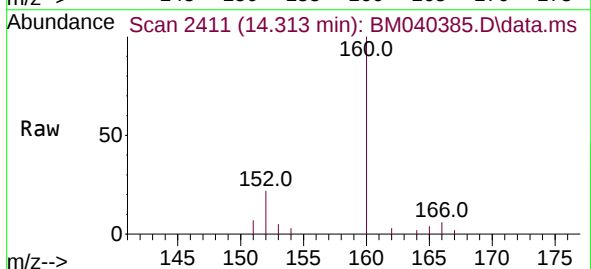
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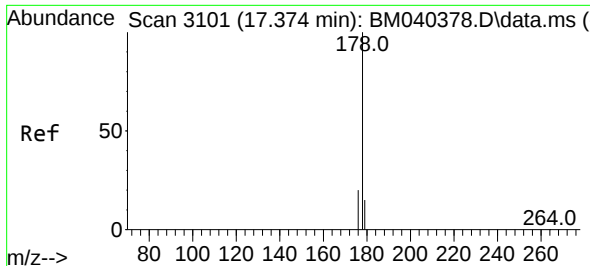
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.029 ng/u1
RT: 14.313 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

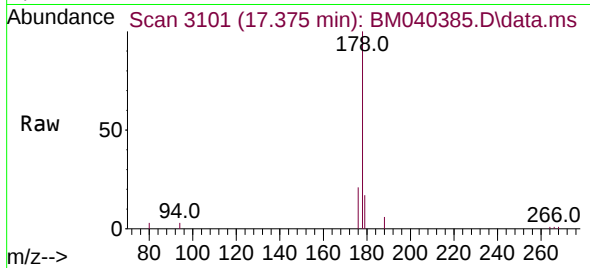
Tgt Ion:152 Resp: 1446
Ion Ratio Lower Upper
152 100
151 31.4 16.2 24.2#
153 23.2 10.9 16.3#





#15
Phenanthrene
Concen: 0.198 ng/u1
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

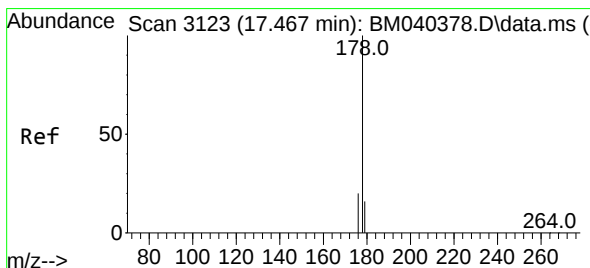
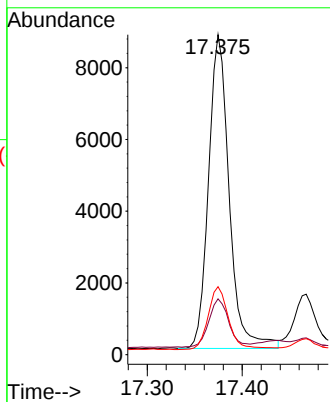
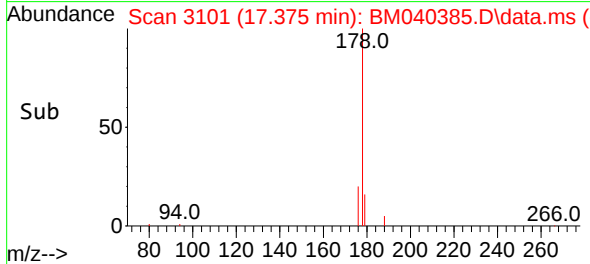
Instrument :
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Tgt Ion:178 Resp: 13229
Ion Ratio Lower Upper
178 100
179 17.4 12.8 19.2
176 21.3 16.4 24.6

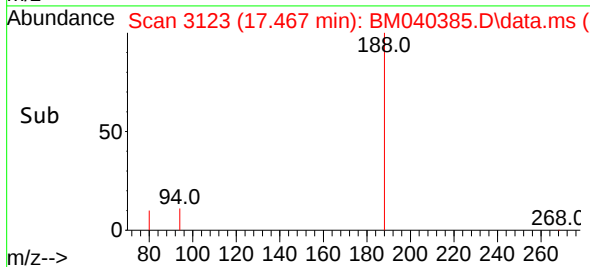
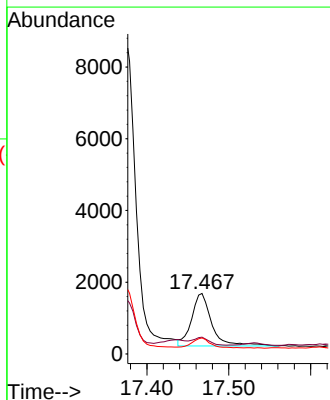
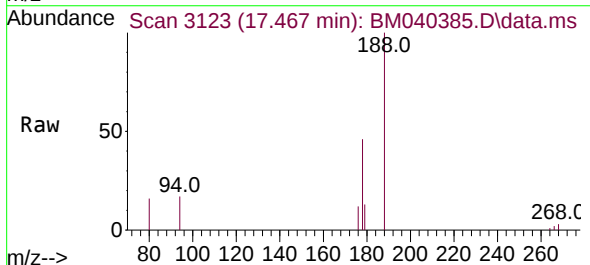
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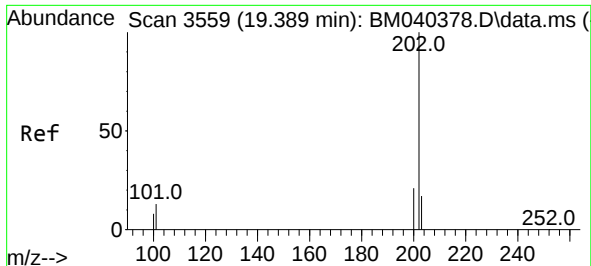
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.045 ng/u1
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

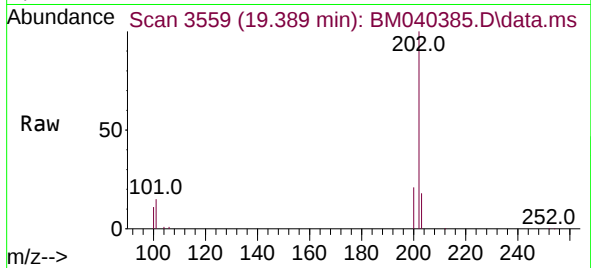
Tgt Ion:178 Resp: 2507
Ion Ratio Lower Upper
178 100
179 27.9 12.9 19.3#
176 26.4 15.8 23.6#





#19
Fluoranthene
Concen: 0.666 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

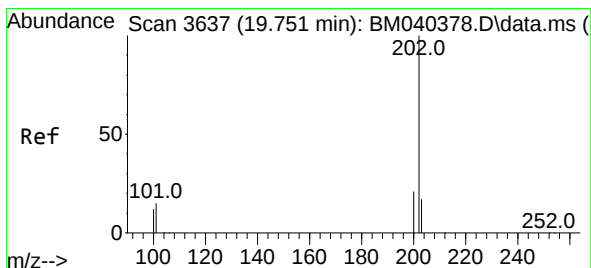
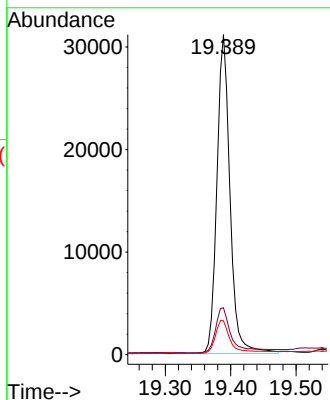
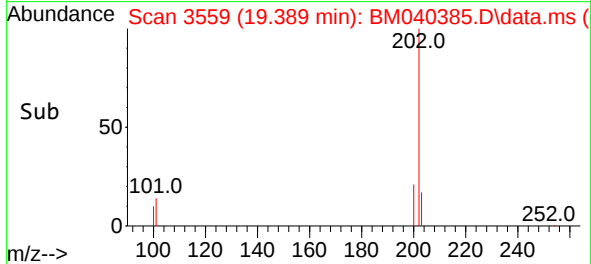
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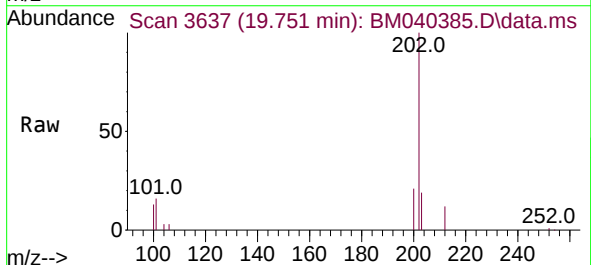
Tgt Ion:202 Resp: 4304
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 10.6 8.7 13.1

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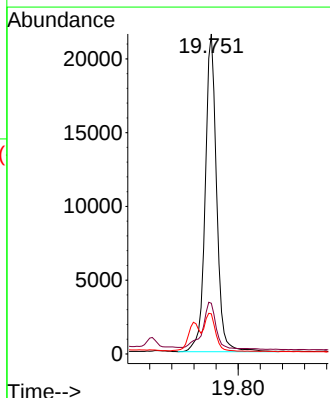
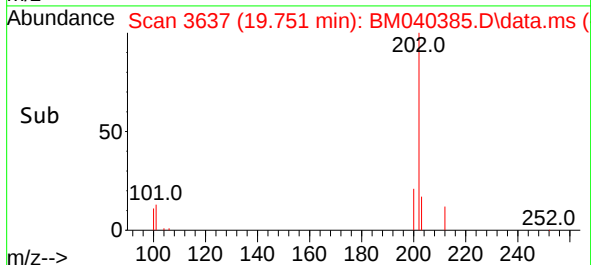
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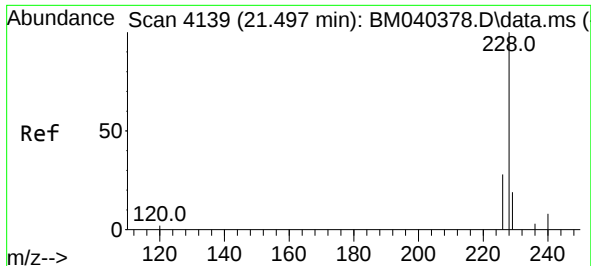


#20
Pyrene
Concen: 0.444 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01



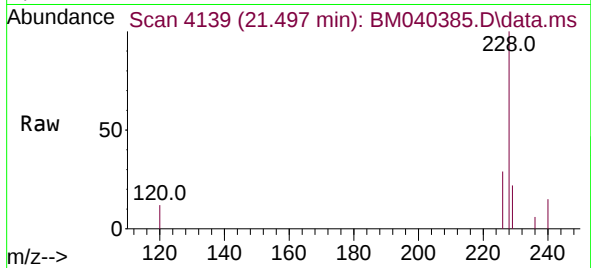
Tgt Ion:202 Resp: 30800
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 12.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.300 ng/u1
RT: 21.497 min Scan# 4139
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

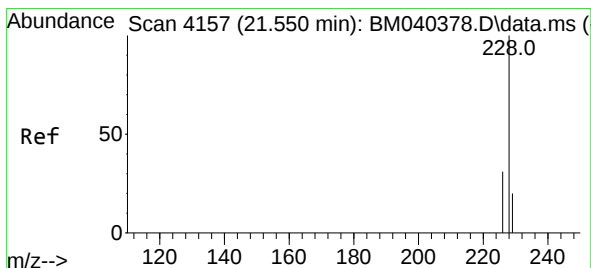
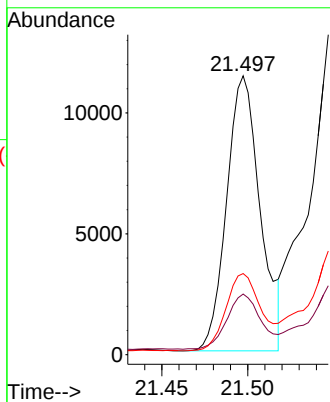
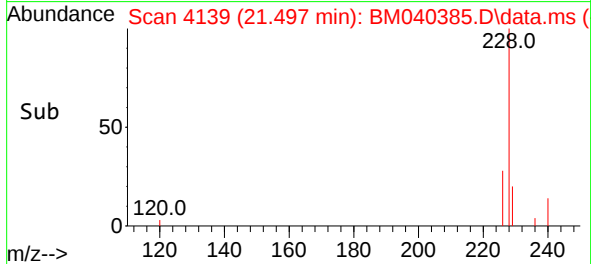
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BNA_M
ClientSampleId :
DCFR4DL



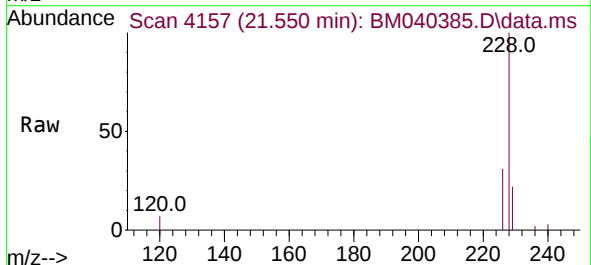
Tgt Ion:228 Resp: 1545
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.1 22.3 33.5

Manual Integrations
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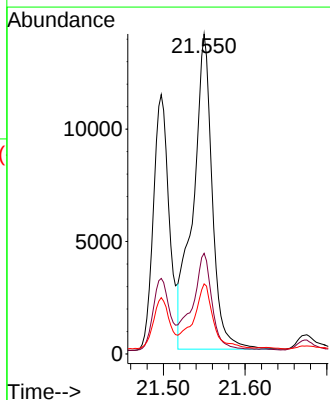
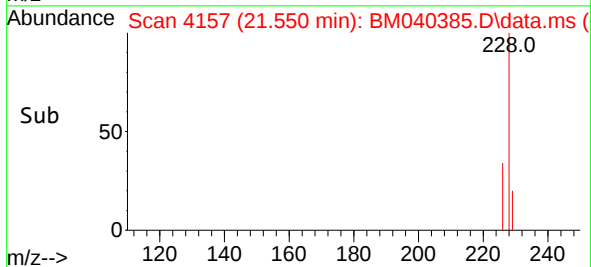
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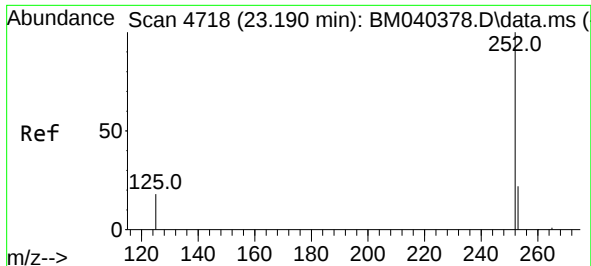


#22
Chrysene
Concen: 0.391 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01



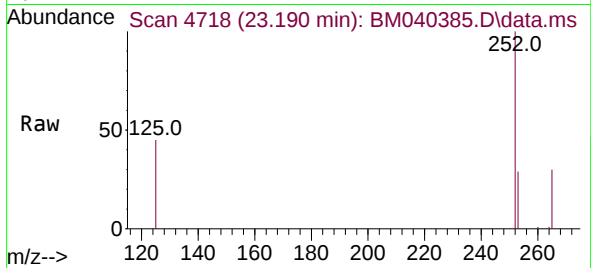
Tgt Ion:228 Resp: 22944
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.660 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

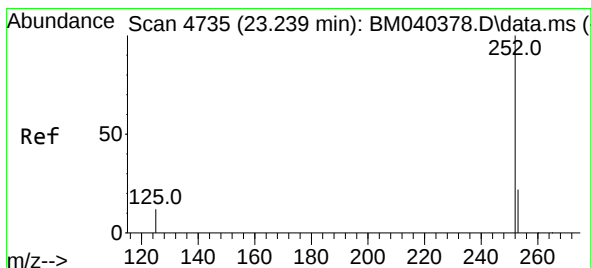
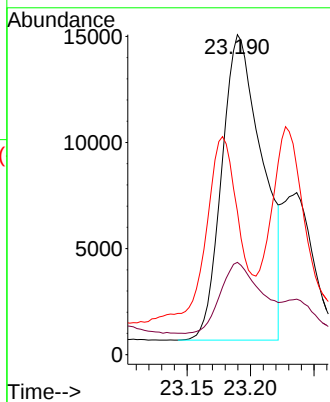
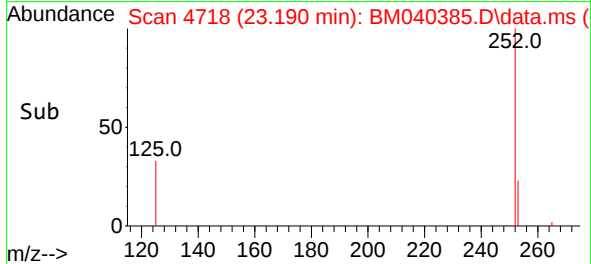
Instrument :
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DCFR4DL



Tgt Ion:252 Resp: 32024
Ion Ratio Lower Upper
252 100
253 28.8 0.0 52.8
125 44.8 0.0 43.0

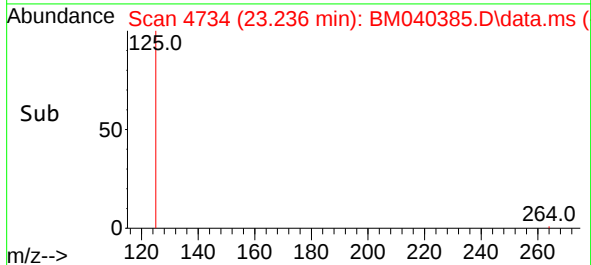
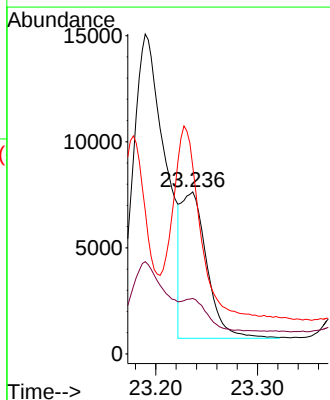
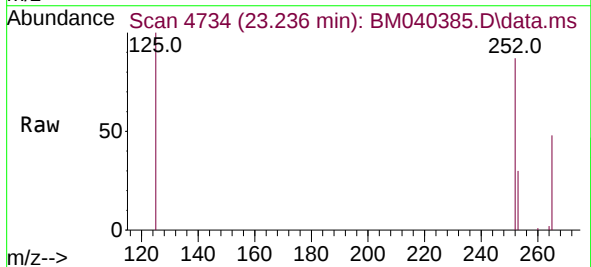
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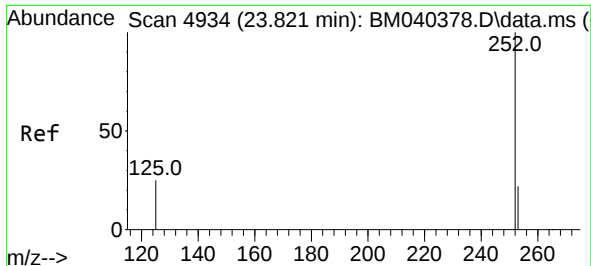
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Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.254 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

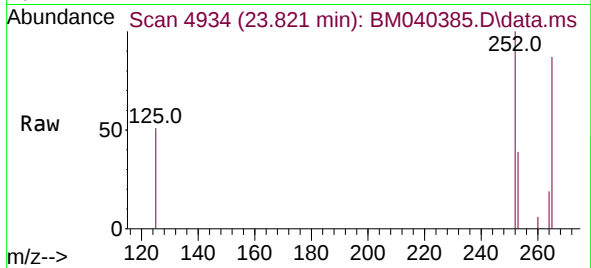
Tgt Ion:252 Resp: 12127
Ion Ratio Lower Upper
252 100
253 34.2 21.2 31.8#
125 115.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.206 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01

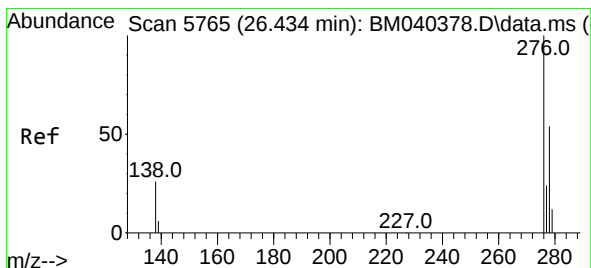
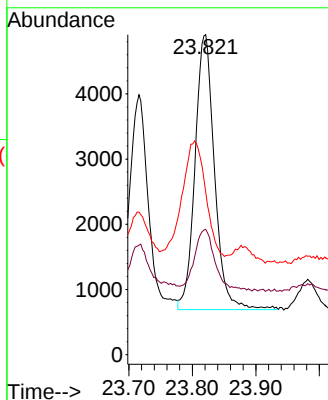
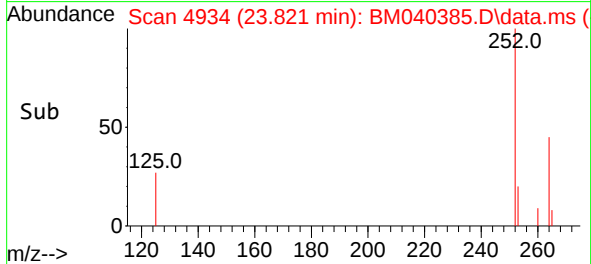
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DCFR4DL



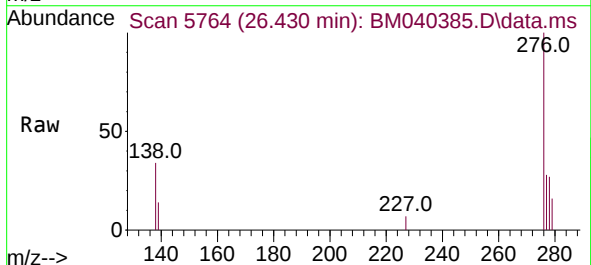
Tgt Ion:252 Resp: 8985
Ion Ratio Lower Upper
252 100
253 39.1 22.9 34.3#
125 50.8 21.0 31.4#

Manual Integrations
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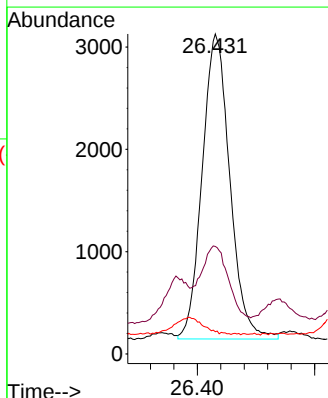
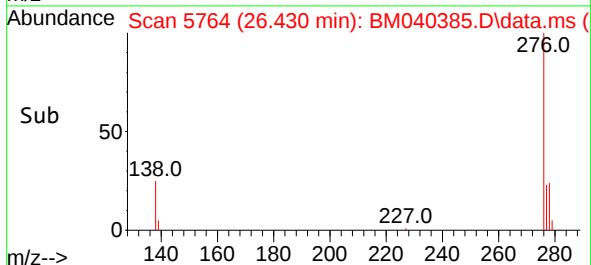
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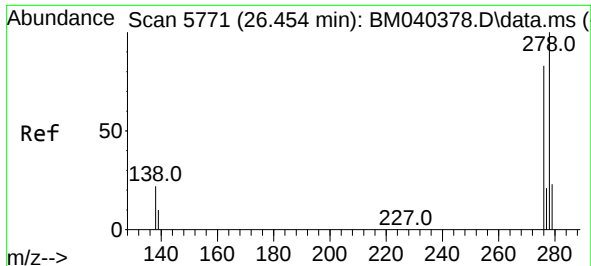


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040385.D
Acq: 23 Jun 2023 21:01



Tgt Ion:276 Resp: 9767
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: 0.061 ng/ul

RT: 26.444 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040385.D

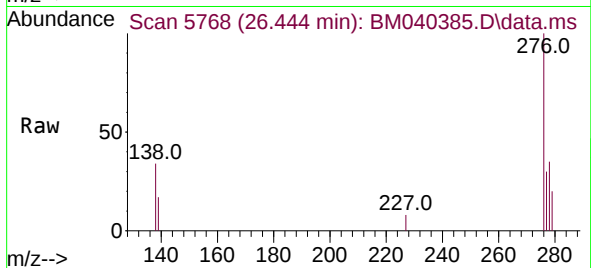
Acq: 23 Jun 2023 21:01

Instrument :

BNA_M

ClientSampleId :

DCFR4DL



Tgt Ion:278 Resp: 289

Ion Ratio Lower Upper

278 100

139 48.5 17.9 26.9

279 56.4 22.0 33.0

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