

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040424.D
 Acq On : 27 Jun 2023 05:01
 Operator : MA/JU
 Sample : 03088-08DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFR4DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 05:44:45 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	6695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	23485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	10802	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.331	188	20199	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	12526	0.400	ng/ul	0.00
23) Perylene-d12	23.925	264	11960	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	2676	0.254	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	612	0.019	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	962	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	4706	0.073	ng/ul#	91
10) Acenaphthylene	14.303	152	1414	0.029	ng/ul#	73
15) Phenanthrene	17.373	178	9433	0.150	ng/ul	96
16) Anthracene	17.462	178	1964	0.037	ng/ul#	74
19) Fluoranthene	19.387	202	28725	0.540	ng/ul	99
20) Pyrene	19.750	202	20560	0.360	ng/ul	100
21) Benzo(a)anthracene	21.493	228	9432	0.223	ng/ul	94
22) Chrysene	21.548	228	14328	0.296	ng/ul	96
24) Benzo(b)fluoranthene	23.188	252	19975	0.432	ng/ul	82
25) Benzo(k)fluoranthene	23.232	252	7411m	0.162	ng/ul	
26) Benzo(a)pyrene	23.817	252	6894	0.165	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.429	276	7465	0.129	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.442	278	2287	0.050	ng/ul#	26

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

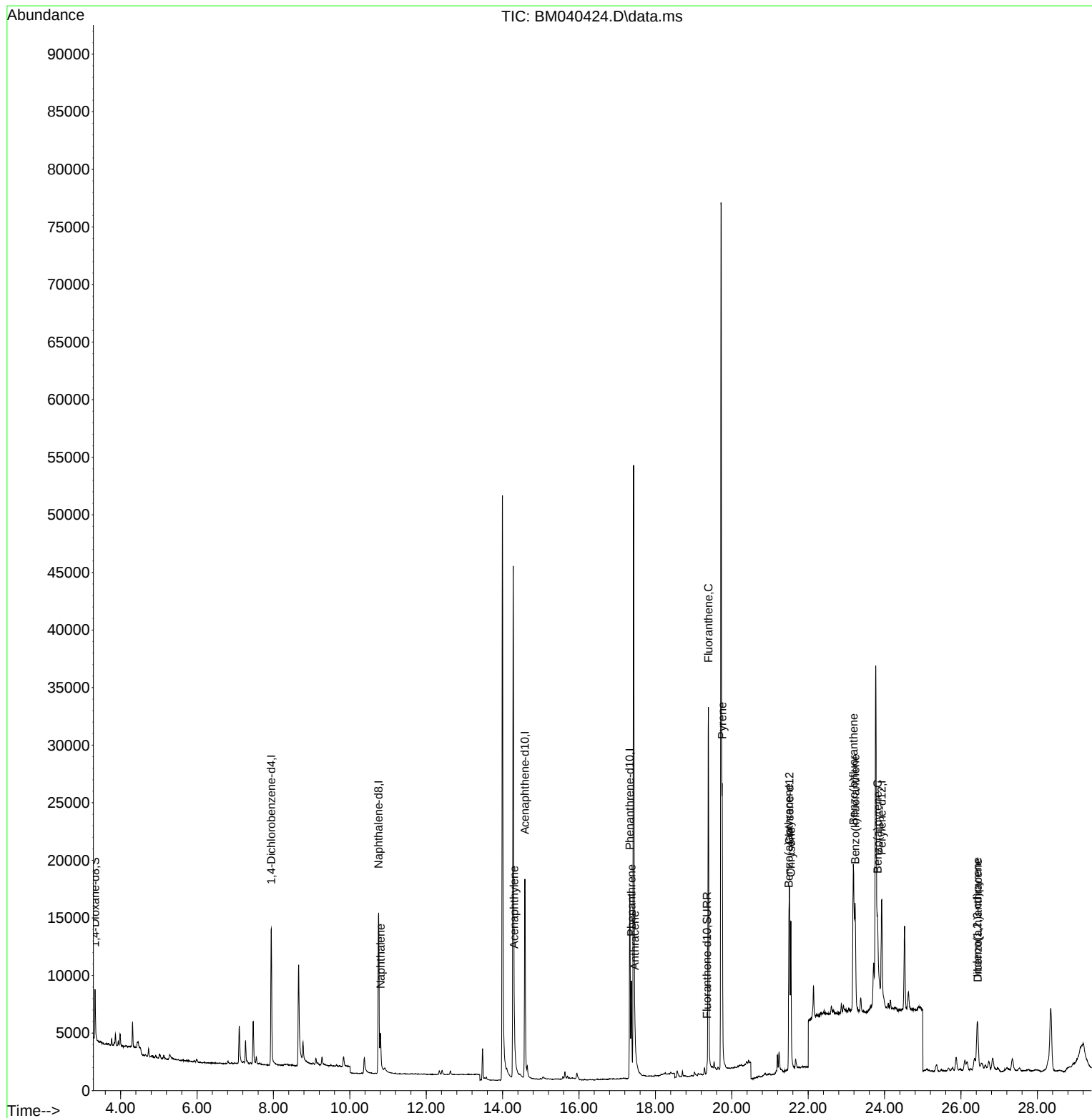
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
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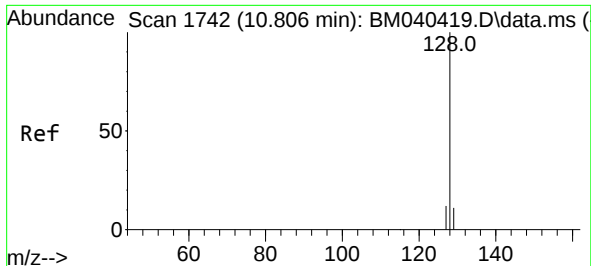
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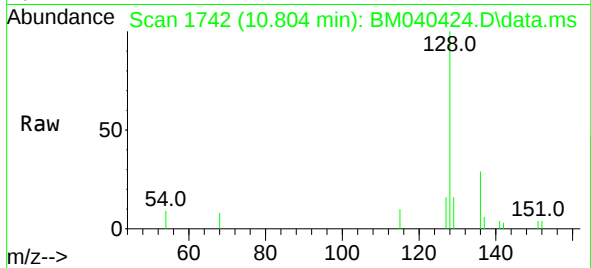
Quant Time: Jun 27 05:44:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
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#5
Naphthalene
Concen: 0.073 ng/u1
RT: 10.804 min Scan# 11
Delta R.T. -0.007 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

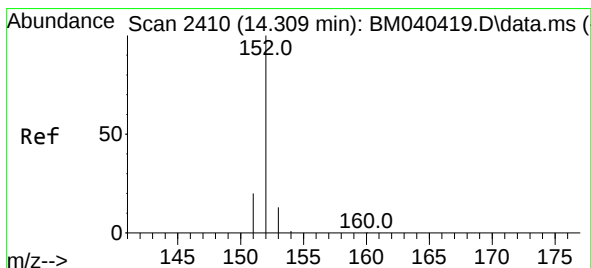
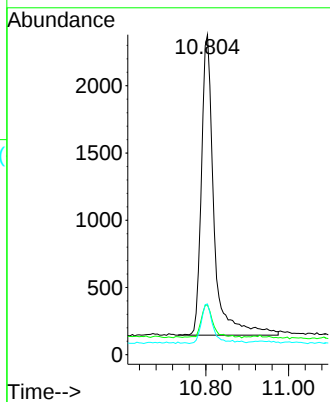
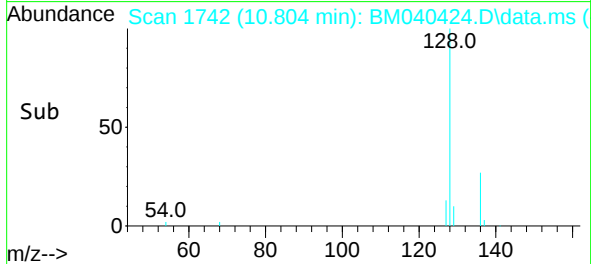
Instrument :
BNA_M
ClientSampleId :
DCFR4DL



Tgt Ion:128 Resp: 4700
Ion Ratio Lower Upper
128 100
129 15.6 9.2 13.8#
127 15.9 10.6 15.8#

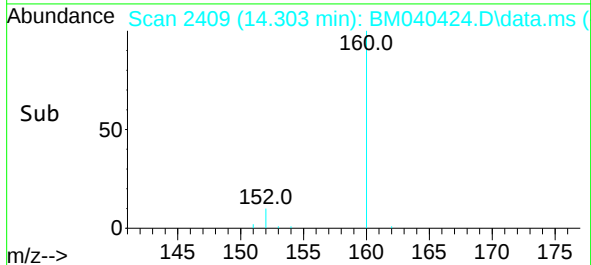
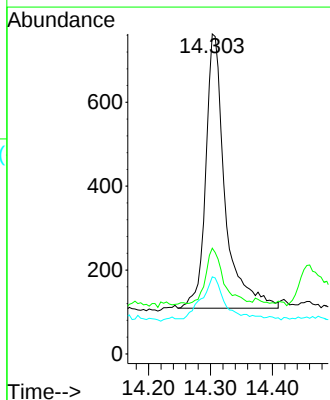
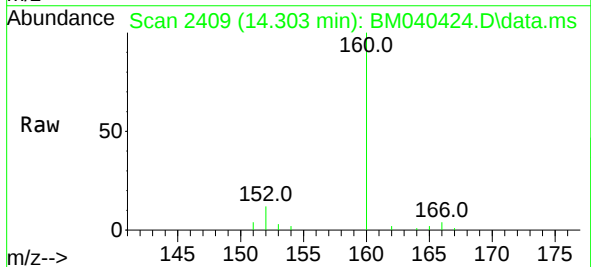
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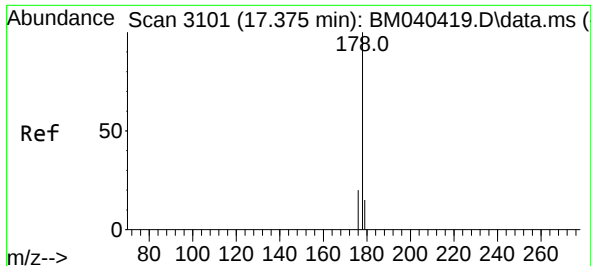
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 0.029 ng/u1
RT: 14.303 min Scan# 2409
Delta R.T. -0.011 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

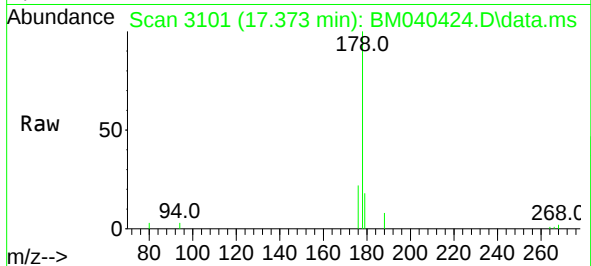
Tgt Ion:152 Resp: 1414
Ion Ratio Lower Upper
152 100
151 33.0 16.2 24.2#
153 24.1 10.9 16.3#





#15
Phenanthrene
Concen: 0.150 ng/ul
RT: 17.373 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

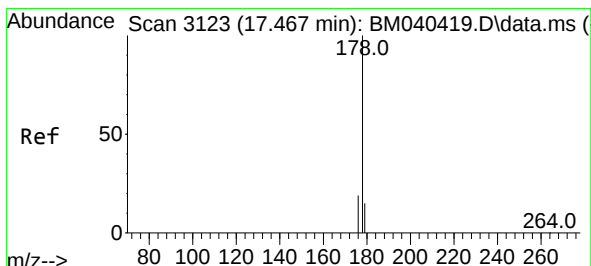
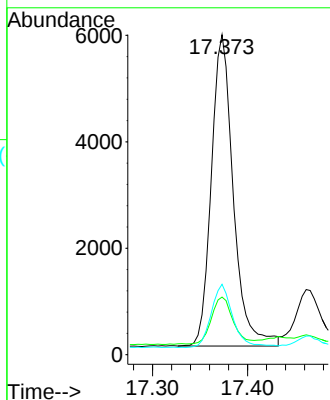
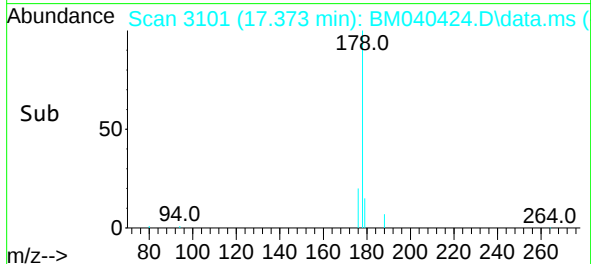
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Tgt Ion:178 Resp: 943
Ion Ratio Lower Upper
178 100
179 18.0 12.8 19.2
176 22.0 16.4 24.6

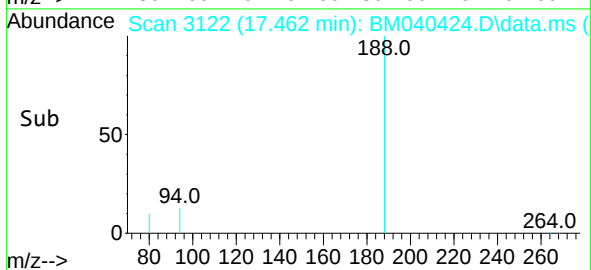
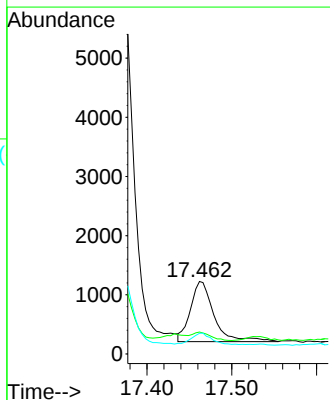
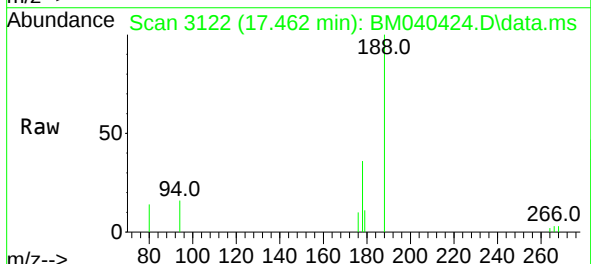
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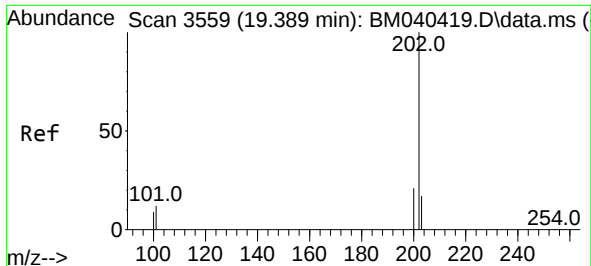
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.462 min Scan# 3122
Delta R.T. -0.010 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

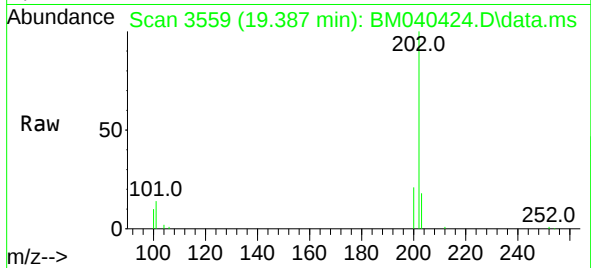
Tgt Ion:178 Resp: 1964
Ion Ratio Lower Upper
178 100
179 30.4 12.9 19.3#
176 28.6 15.8 23.6#





#19
Fluoranthene
Concen: 0.540 ng/u1
RT: 19.387 min Scan# 3559
Delta R.T. -0.001 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

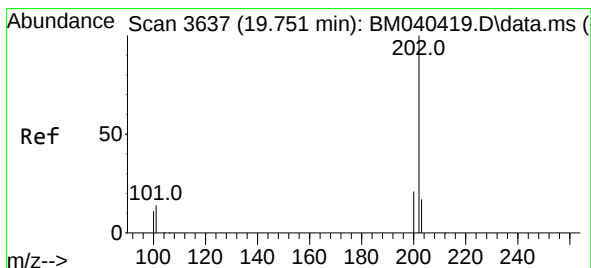
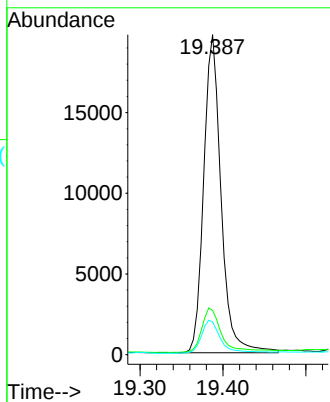
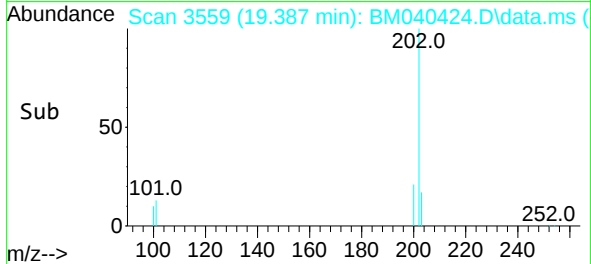
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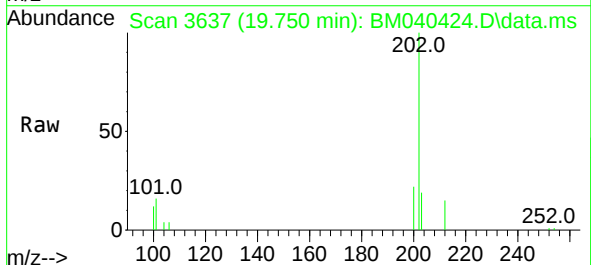
Tgt Ion:202 Resp: 2872
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.2 8.7 13.1

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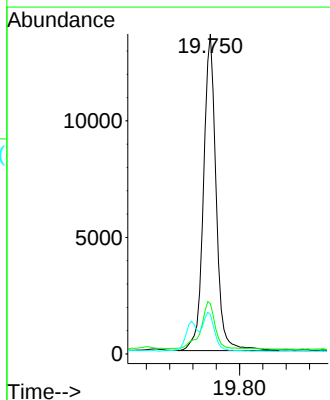
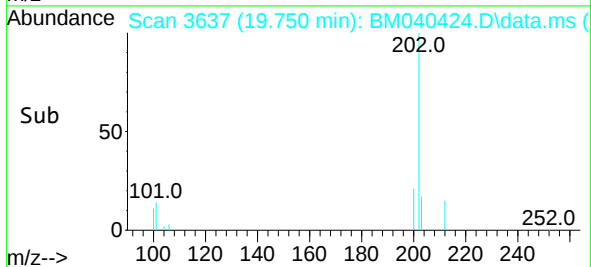
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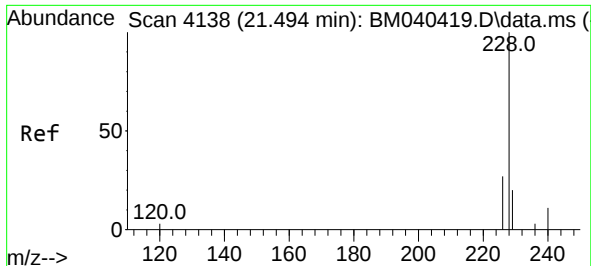


#20
Pyrene
Concen: 0.360 ng/u1
RT: 19.750 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01



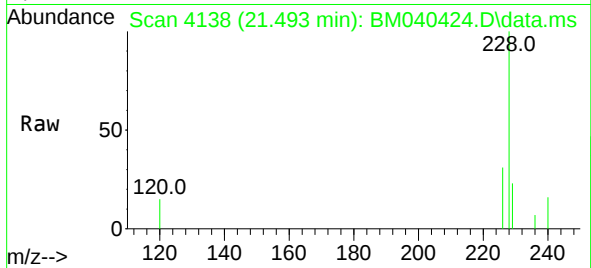
Tgt Ion:202 Resp: 20560
Ion Ratio Lower Upper
202 100
101 15.8 12.6 18.8
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.223 ng/u1
RT: 21.493 min Scan# 4138
Delta R.T. -0.007 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

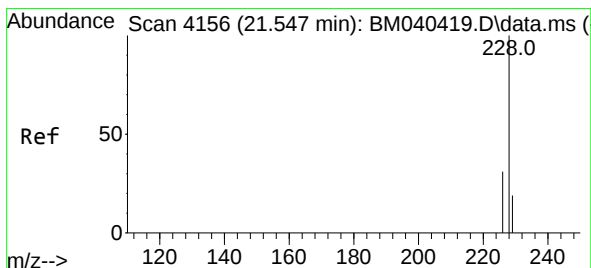
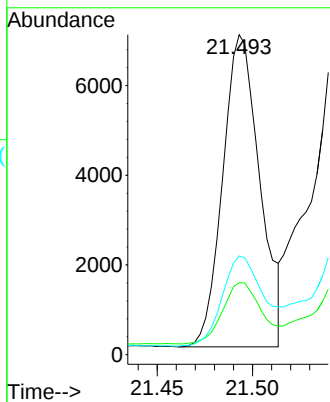
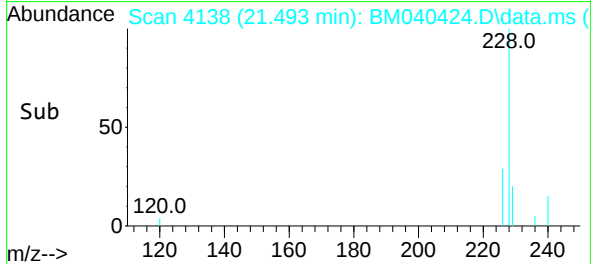
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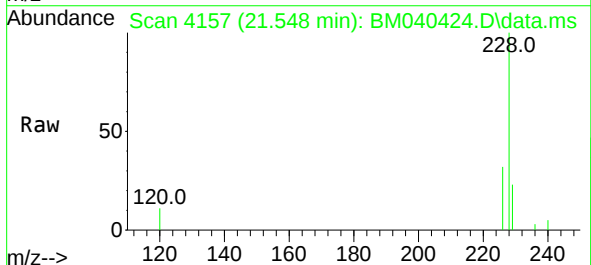
Tgt Ion:228 Resp: 9432
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 30.9 22.3 33.5

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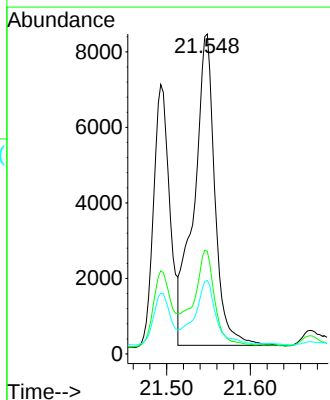
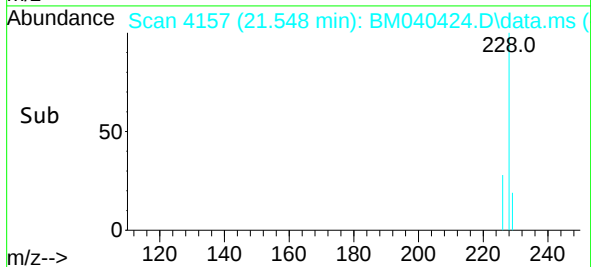
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

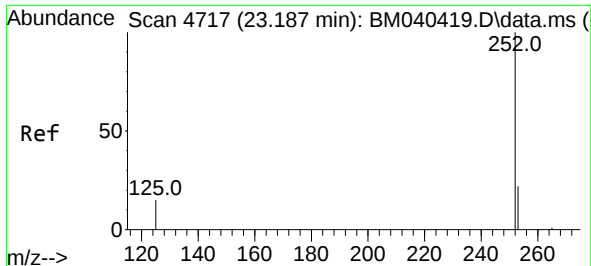


#22
Chrysene
Concen: 0.296 ng/u1
RT: 21.548 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01



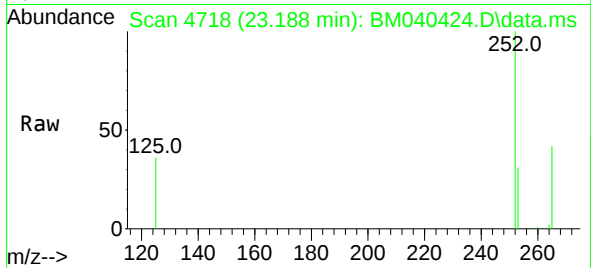
Tgt Ion:228 Resp: 14328
Ion Ratio Lower Upper
228 100
226 32.1 24.9 37.3
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 23.188 min Scan# 4717
Delta R.T. -0.004 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

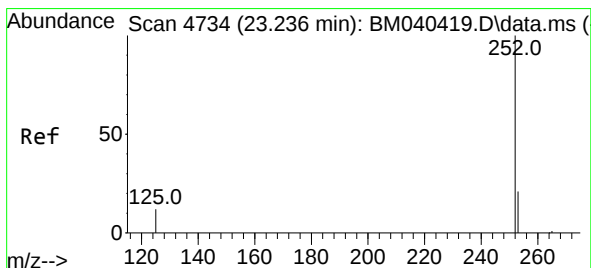
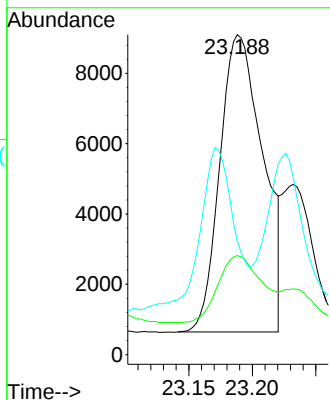
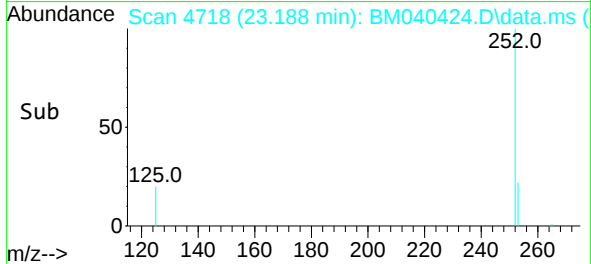
Instrument :
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ClientSampleId :
DCFR4DL



Tgt Ion:252 Resp: 1997
Ion Ratio Lower Upper
252 100
253 31.0 0.0 52.8
125 35.6 0.0 43.0

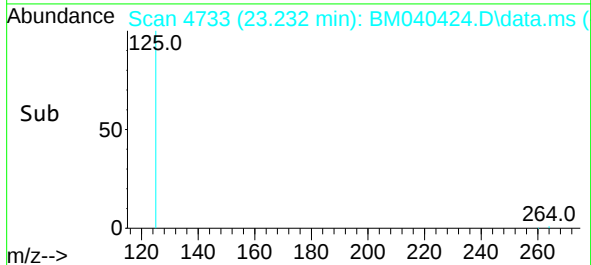
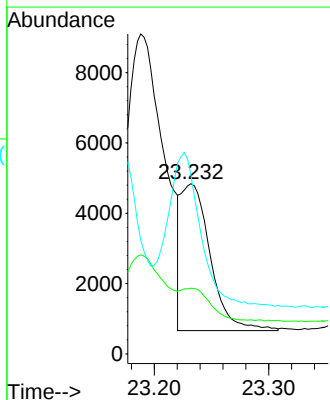
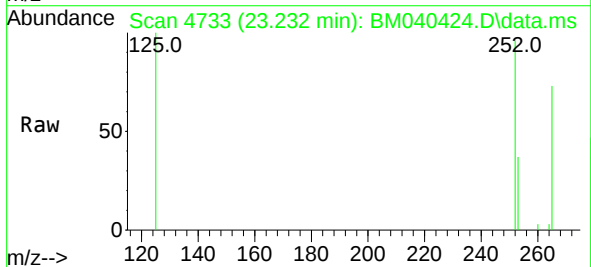
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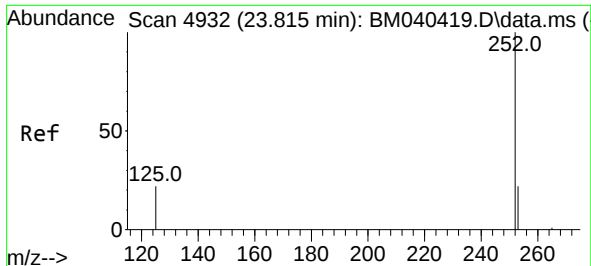
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023



#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 23.232 min Scan# 4733
Delta R.T. -0.010 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

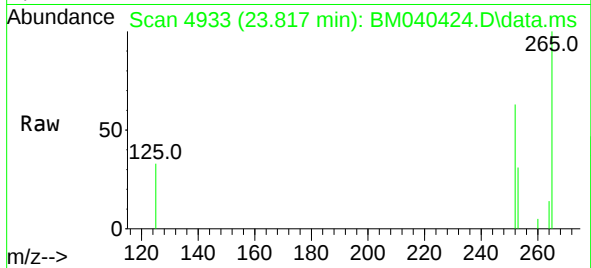
Tgt Ion:252 Resp: 7411
Ion Ratio Lower Upper
252 100
253 38.6 21.2 31.8#
125 104.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.817 min Scan# 4933
Delta R.T. -0.007 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01

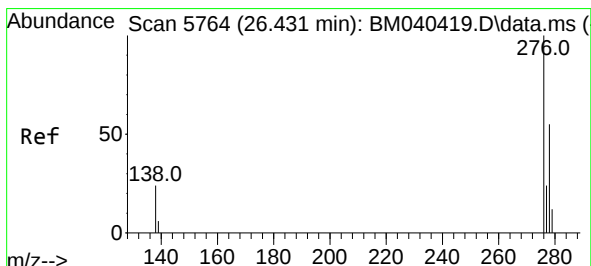
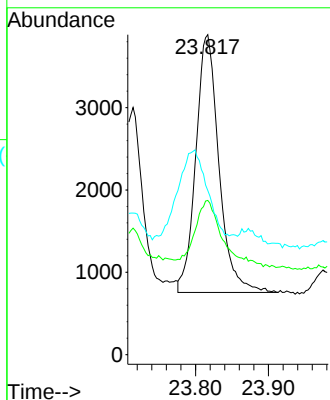
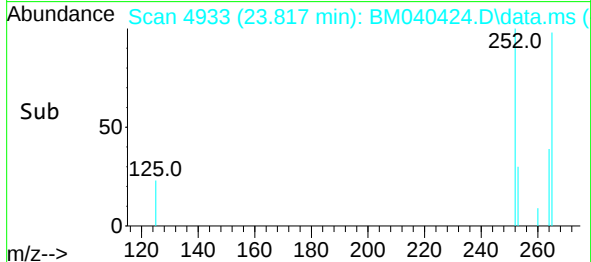
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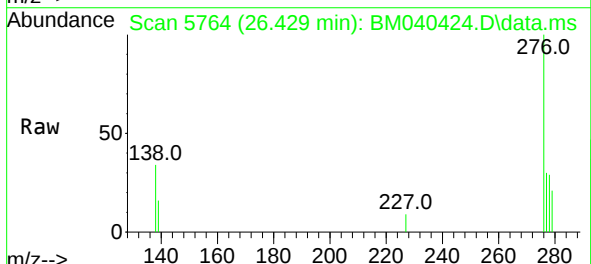
Tgt Ion:252 Resp: 6894
Ion Ratio Lower Upper
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253 48.2 22.9 34.3#
125 51.3 21.0 31.4#

Manual Integrations
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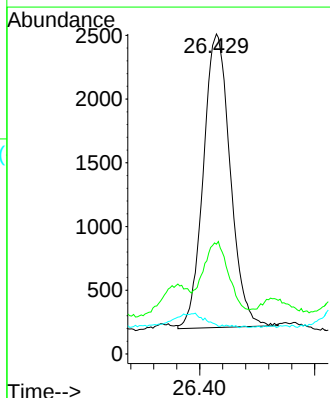
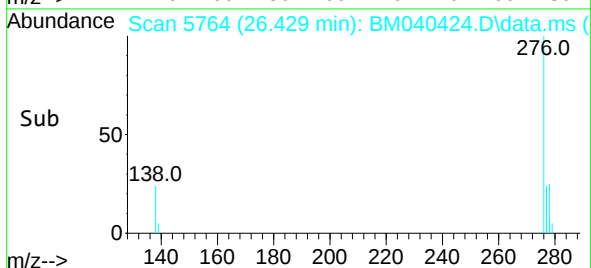
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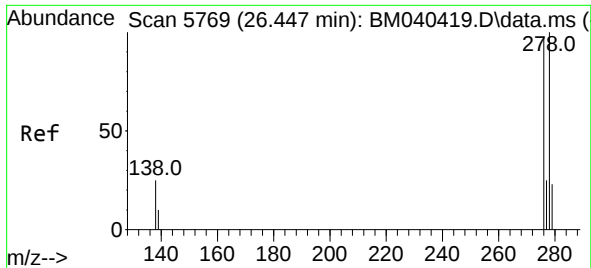


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.129 ng/ul
RT: 26.429 min Scan# 5764
Delta R.T. -0.005 min
Lab File: BM040424.D
Acq: 27 Jun 2023 05:01



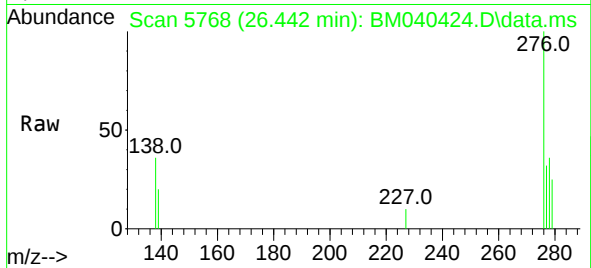
Tgt Ion:276 Resp: 7465
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 26.442 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: BM040424.D
 Acq: 27 Jun 2023 05:01

Instrument :
 BNA_M
 ClientSampleId :
 DCFR4DL



Tgt Ion:278 Resp: 228
 Ion Ratio Lower Upper
 278 100
 139 54.2 17.9 26.9
 279 69.4 22.0 33.0

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 Supervised By :mohammad ahmed 06/27/2023

