

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040837.D
 Acq On : 12 Jul 2023 14:48
 Operator : MA/JU
 Sample : 03414-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4639

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 13 00:12:46 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 : Wed Jul 12 05:37:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	2231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	9333	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	4907	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	10226	0.400	ng/ul	-0.01
17) Chrysene-d12	21.475	240	7124	0.400	ng/ul	0.00
23) Perylene-d12	23.863	264	4562	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	2135	0.609	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	2362	0.181	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	4573	0.200	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	5435	0.211	ng/ul#	95
7) 2-Methylnaphthalene	12.352	142	403	0.027	ng/ul	99
10) Acenaphthylene	14.245	152	601	0.027	ng/ul#	39
15) Phenanthrene	17.316	178	3669	0.116	ng/ul#	91
16) Anthracene	17.409	178	969	0.036	ng/ul#	57
19) Fluoranthene	19.338	202	8339	0.276	ng/ul	99
20) Pyrene	19.701	202	8297	0.256	ng/ul#	92
21) Benzo(a)anthracene	21.457	228	3244	0.135	ng/ul#	81
22) Chrysene	21.510	228	3514	0.128	ng/ul#	89
24) Benzo(b)fluoranthene	23.141	252	3654	0.207	ng/ul#	47
25) Benzo(k)fluoranthene	23.170	252	2246m	0.129	ng/ul	
26) Benzo(a)pyrene	23.760	252	1665	0.105	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.347	276	1743	0.079	ng/ul#	44

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

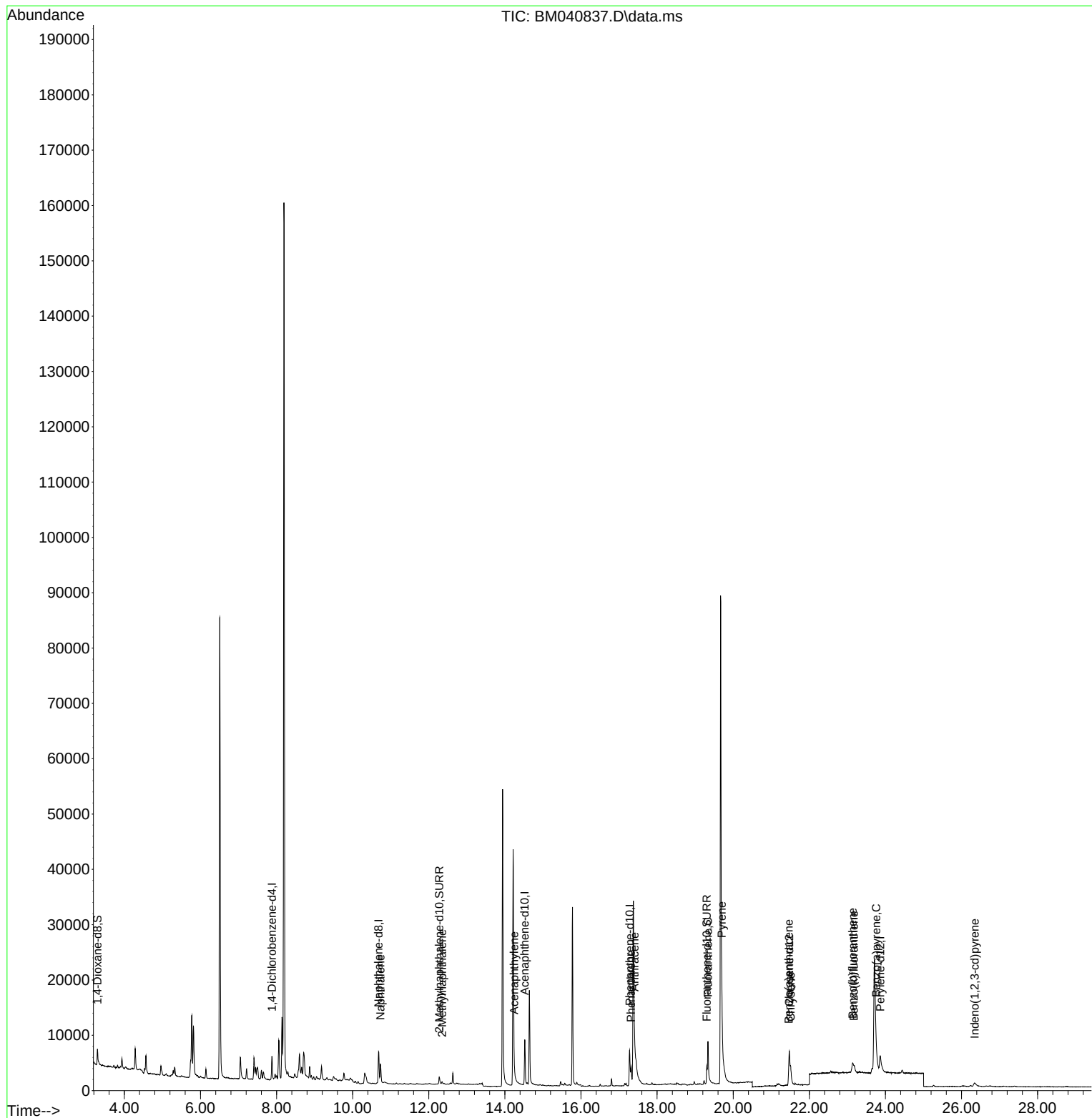
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040837.D
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Sample : 03414-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

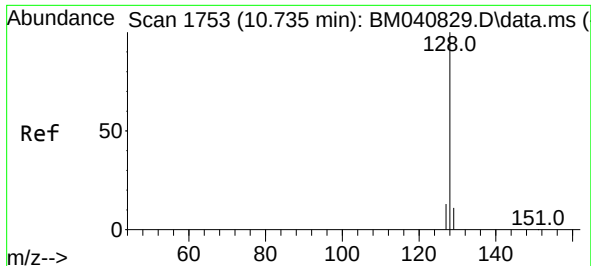
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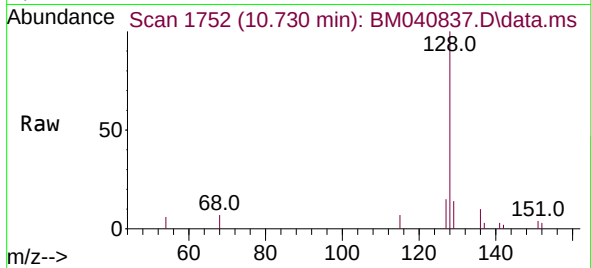
Quant Time: Jul 13 00:12:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
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#5
Naphthalene
Concen: 0.211 ng/ul
RT: 10.730 min Scan# 1752
Delta R.T. -0.011 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

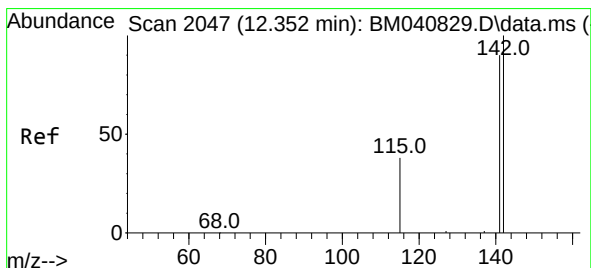
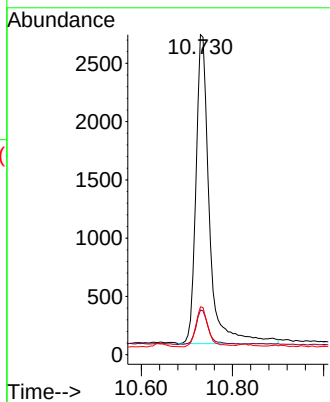
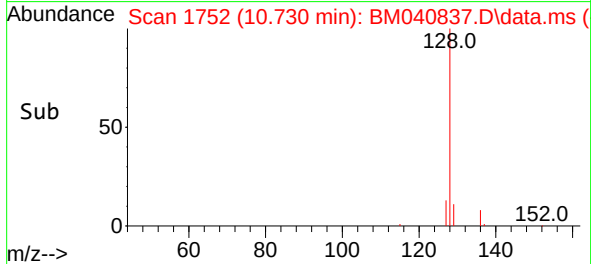
Instrument :
BNA_M
ClientSampleId :
A4639



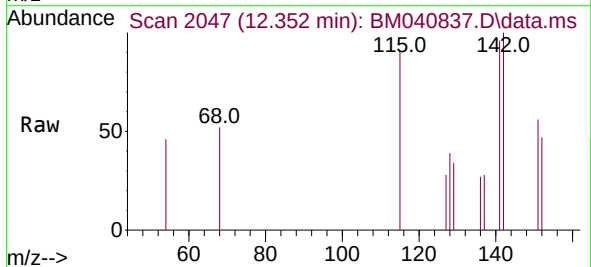
Tgt Ion:128 Resp: 543
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8
127 15.0 10.6 15.8

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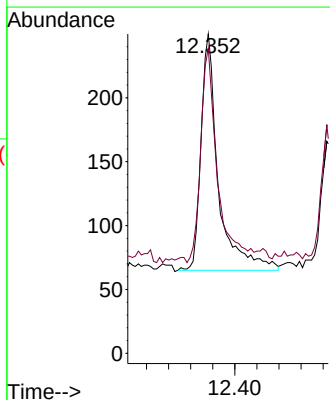
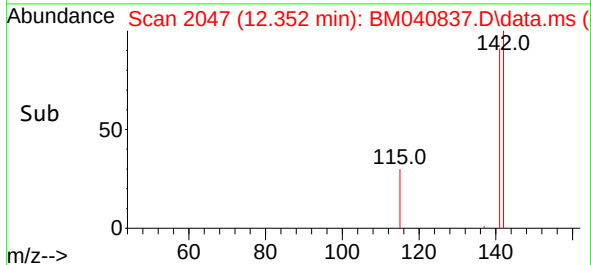
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

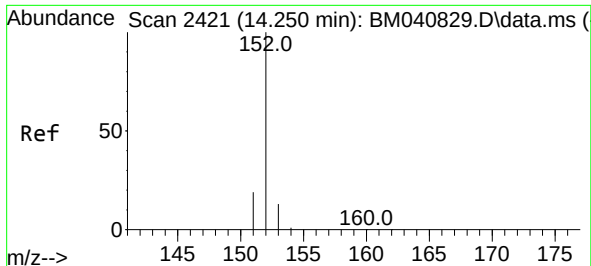


#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48



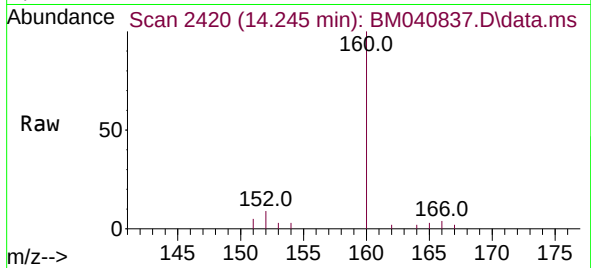
Tgt Ion:142 Resp: 403
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.245 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

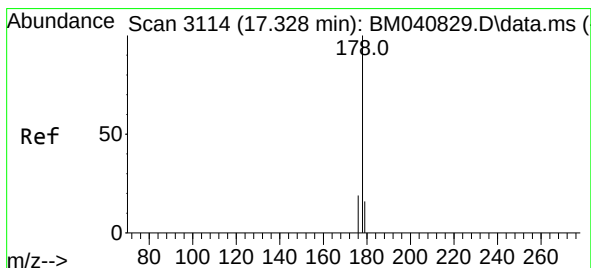
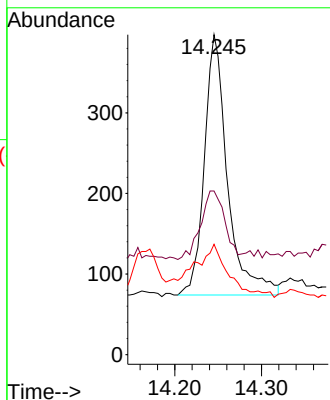
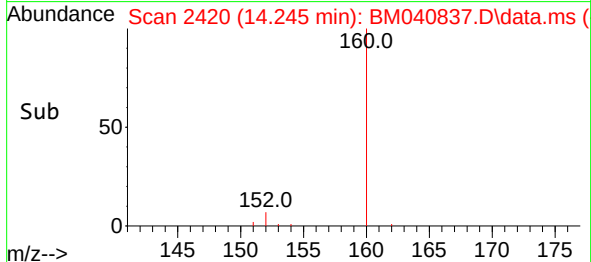
Instrument :
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ClientSampleId :
A4639



Tgt Ion:152 Resp: 60
Ion Ratio Lower Upper
152 100
151 51.1 16.2 24.2
153 34.5 10.9 16.3

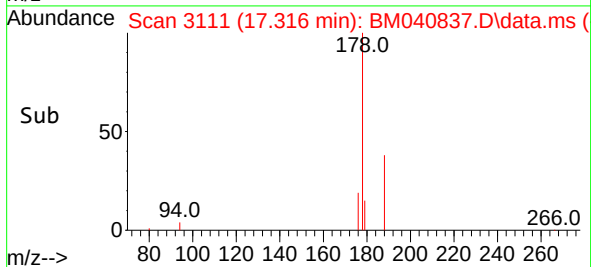
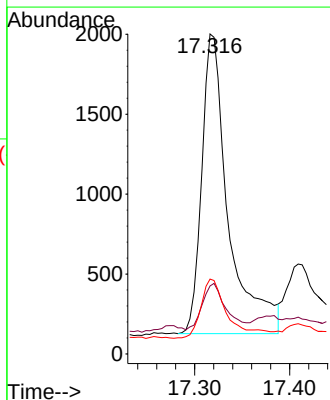
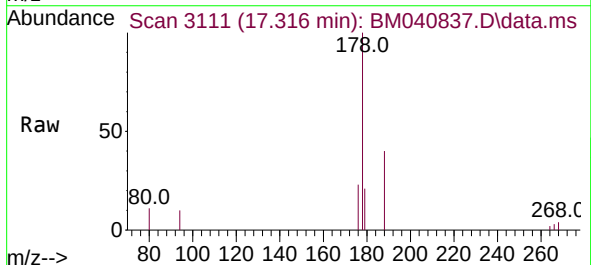
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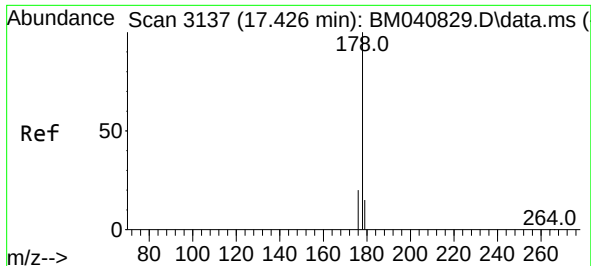
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#15
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

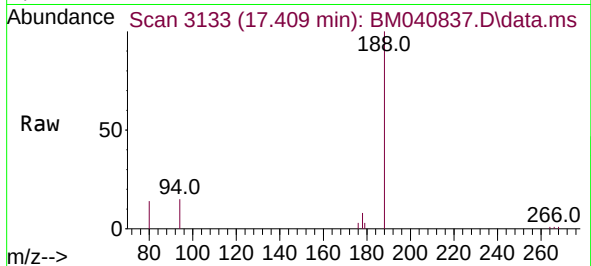
Tgt Ion:178 Resp: 3669
Ion Ratio Lower Upper
178 100
179 21.3 12.8 19.2
176 23.4 16.4 24.6





#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.409 min Scan# 3133
 Delta R.T. -0.021 min
 Lab File: BM040837.D
 Acq: 12 Jul 2023 14:48

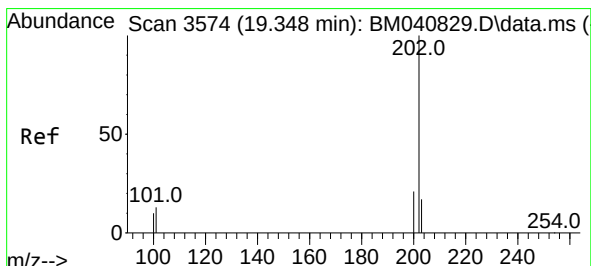
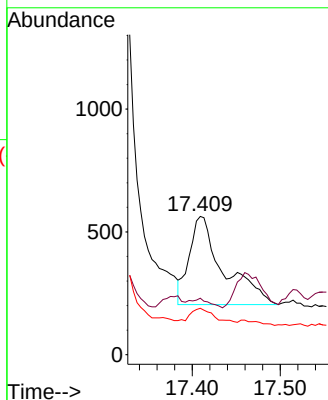
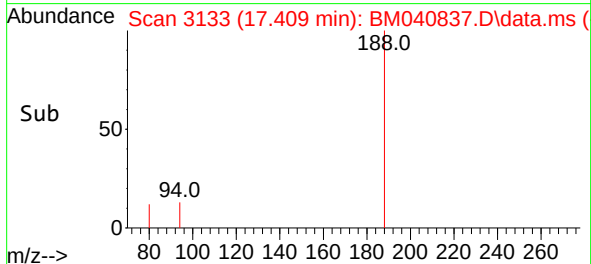
Instrument :
 BNA_M
 ClientSampleId :
 A4639



Tgt Ion:178 Resp: 969
 Ion Ratio Lower Upper
 178 100
 179 40.9 12.9 19.3
 176 33.6 15.8 23.6

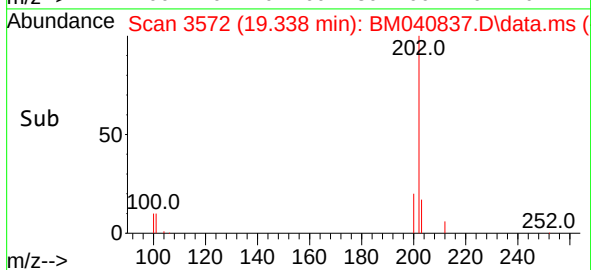
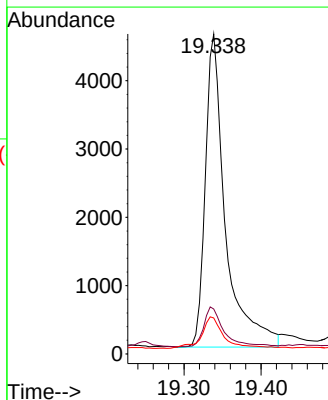
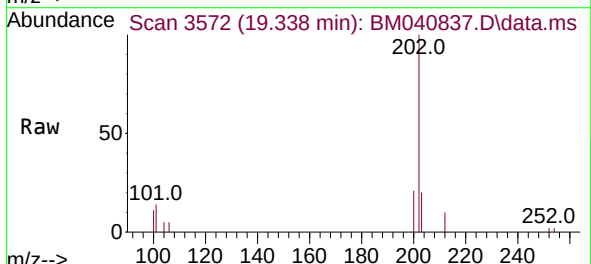
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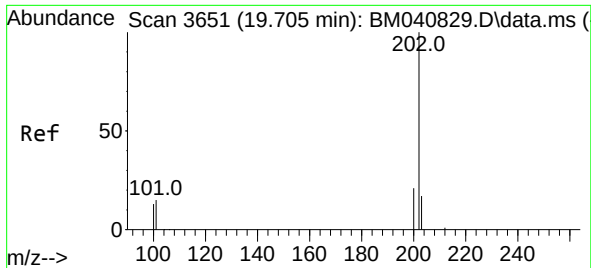
Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023



#19
 Fluoranthene
 Concen: 0.276 ng/ul
 RT: 19.338 min Scan# 3572
 Delta R.T. -0.014 min
 Lab File: BM040837.D
 Acq: 12 Jul 2023 14:48

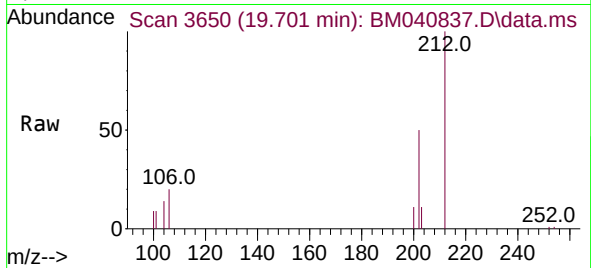
Tgt Ion:202 Resp: 8339
 Ion Ratio Lower Upper
 202 100
 101 14.0 11.4 17.0
 100 11.2 8.7 13.1





#20
Pyrene
Concen: 0.256 ng/uI
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

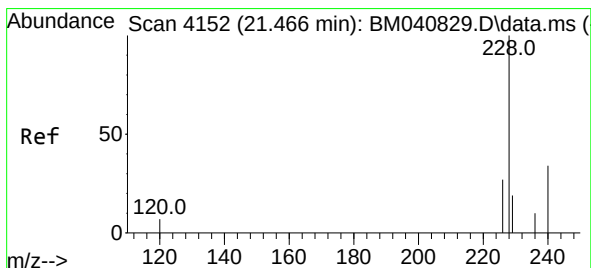
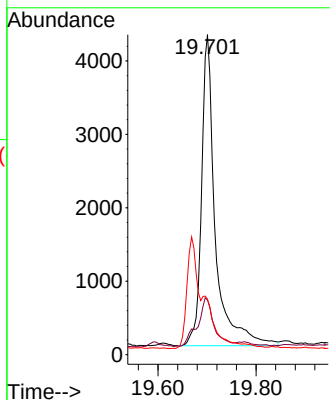
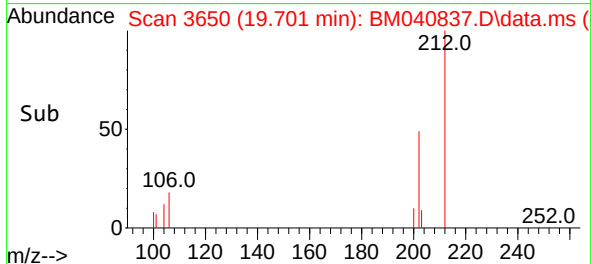
Instrument :
BNA_M
ClientSampleId :
A4639



Tgt Ion:202 Resp: 829
Ion Ratio Lower Upper
202 100
101 17.1 12.6 18.8
100 17.4 9.8 14.6

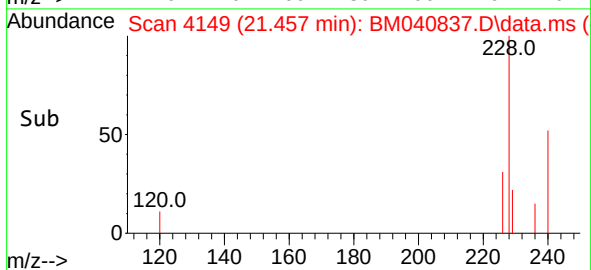
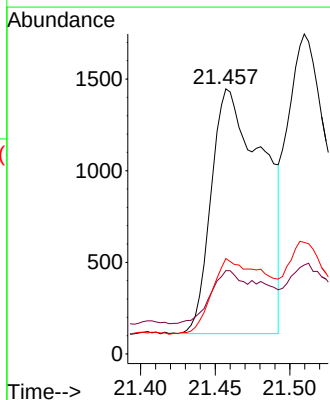
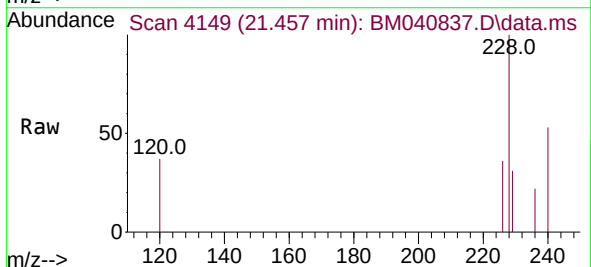
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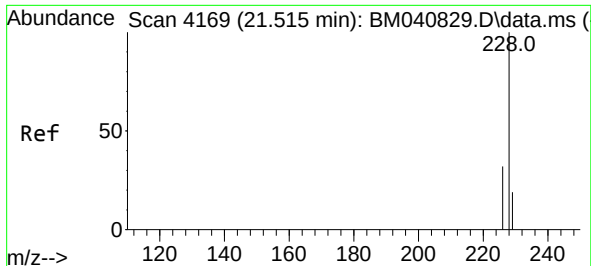
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#21
Benzo(a)anthracene
Concen: 0.135 ng/uI
RT: 21.457 min Scan# 4149
Delta R.T. -0.012 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

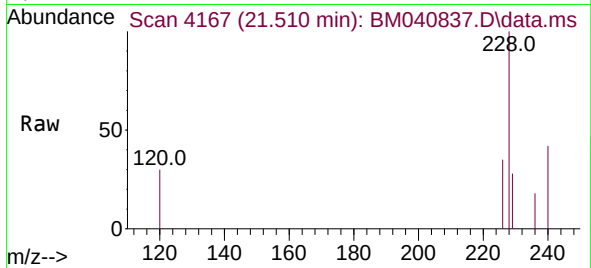
Tgt Ion:228 Resp: 3244
Ion Ratio Lower Upper
228 100
229 31.4 16.0 24.0#
226 36.0 22.3 33.5#





#22
Chrysene
Concen: 0.128 ng/ul
RT: 21.510 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48

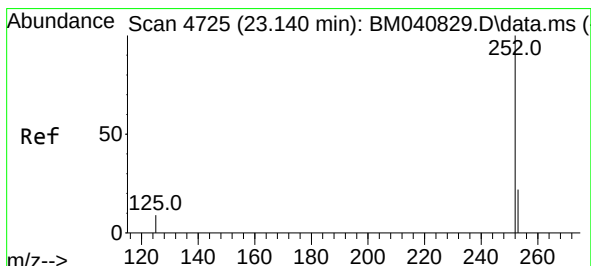
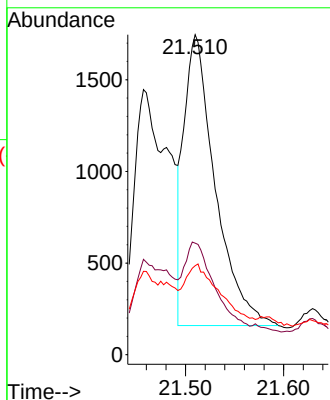
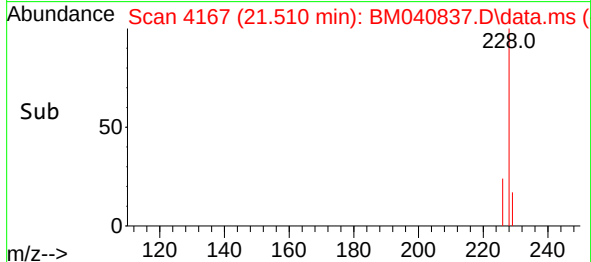
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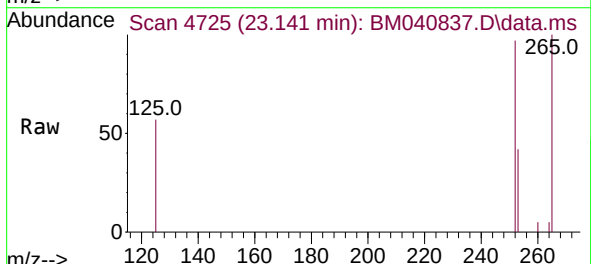
Tgt Ion:228 Resp: 3514
Ion Ratio Lower Upper
228 100
226 34.9 24.9 37.3
229 27.8 15.8 23.6

Manual Integrations
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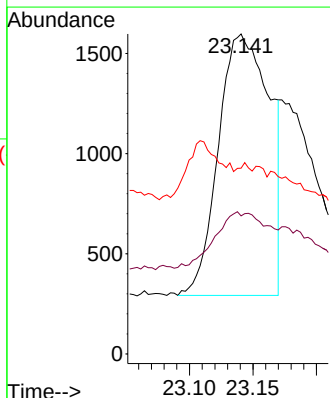
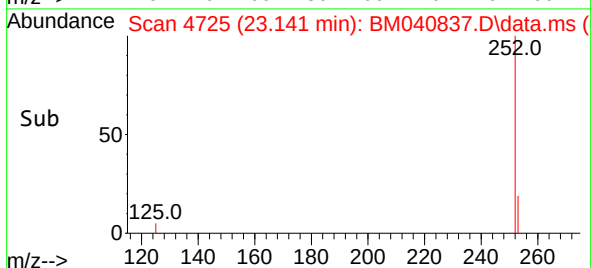
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

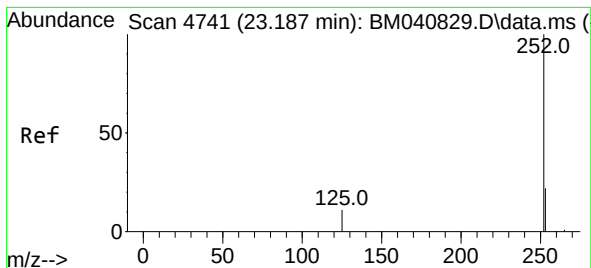


#24
Benzo(b)fluoranthene
Concen: 0.207 ng/ul
RT: 23.141 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BM040837.D
Acq: 12 Jul 2023 14:48



Tgt Ion:252 Resp: 3654
Ion Ratio Lower Upper
252 100
253 43.1 0.0 52.8
125 58.0 0.0 43.0





#25

Benzo(k)fluoranthene

Concen: 0.129 ng/ul m

RT: 23.170 min Scan# 4

Delta R.T. -0.020 min

Lab File: BM040837.D

Acq: 12 Jul 2023 14:48

Instrument :

BNA_M

ClientSampleId :

A4639

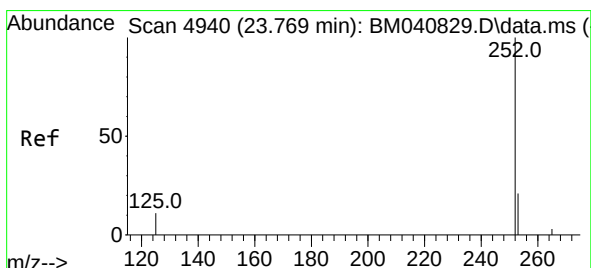
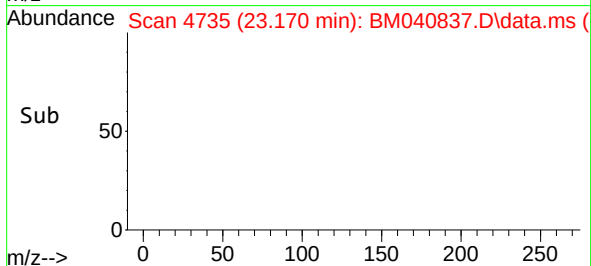
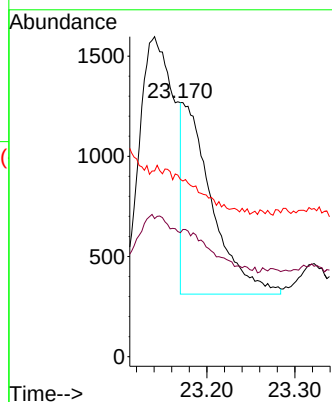
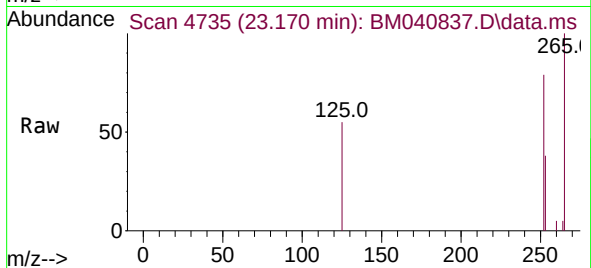
Tgt Ion:	252	Resp:	2240
Ion Ratio	Lower	Upper	
252	100		
253	48.8	21.2	31.8
125	69.8	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/13/2023



#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

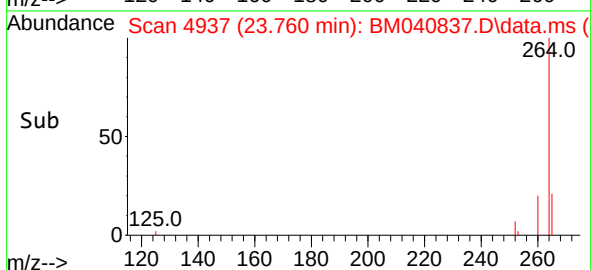
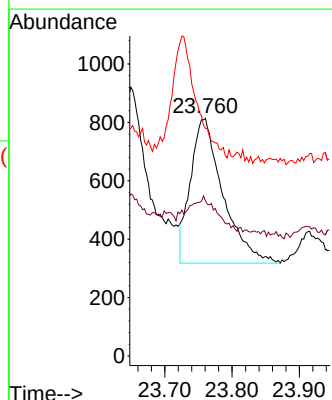
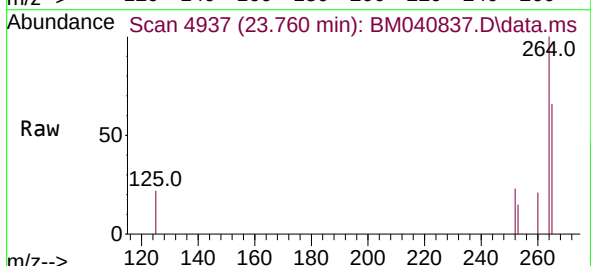
RT: 23.760 min Scan# 4937

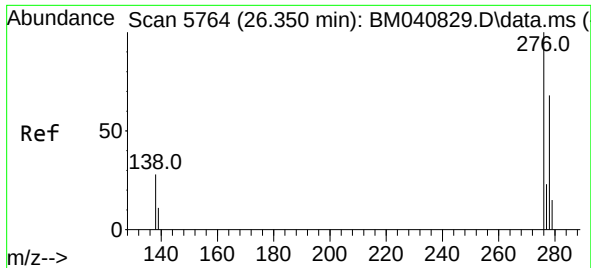
Delta R.T. -0.012 min

Lab File: BM040837.D

Acq: 12 Jul 2023 14:48

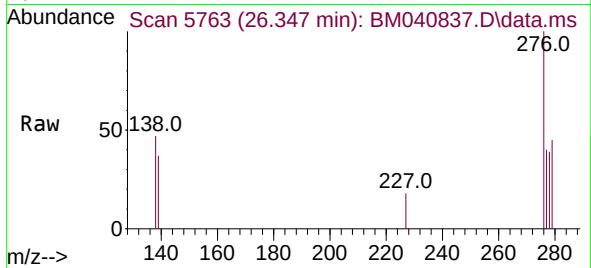
Tgt Ion:	252	Resp:	1665
Ion Ratio	Lower	Upper	
252	100		
253	65.2	22.9	34.3
125	95.7	21.0	31.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.079 ng/ul
 RT: 26.347 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BM040837.D
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Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 276 Resp: 174
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.5 36.7
 227 0.2 0.1 0.1

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 Supervised By :mohammad ahmed 07/13/2023

