

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040847.D
 Acq On : 12 Jul 2023 21:47
 Operator : MA/JU
 Sample : 03414-09DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:14:10 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	3639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	13506	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	6096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	9934	0.400	ng/ul	-0.01
17) Chrysene-d12	21.472	240	6984	0.400	ng/ul	-0.01
23) Perylene-d12	23.857	264	5241	0.400	ng/ul #	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1185	0.207	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	219	0.012	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	337	0.015	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	2094	0.056	ng/ul#	85
10) Acenaphthylene	14.245	152	921	0.034	ng/ul#	57
15) Phenanthrene	17.320	178	8185	0.265	ng/ul	96
16) Anthracene	17.413	178	2313	0.089	ng/ul#	76
19) Fluoranthene	19.338	202	17219	0.580	ng/ul	99
20) Pyrene	19.701	202	16273	0.512	ng/ul	98
21) Benzo(a)anthracene	21.454	228	8596	0.364	ng/ul#	91
22) Chrysene	21.504	228	8176	0.303	ng/ul	93
24) Benzo(b)fluoranthene	23.129	252	11361	0.560	ng/ul	90
25) Benzo(k)fluoranthene	23.167	252	6160m	0.308	ng/ul	
26) Benzo(a)pyrene	23.752	252	7352	0.402	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.327	276	7559	0.297	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.337	278	2193	0.110	ng/ul#	61
29) Benzo(g,h,i)perylene	27.089	276	1354	0.061	ng/ul#	56

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

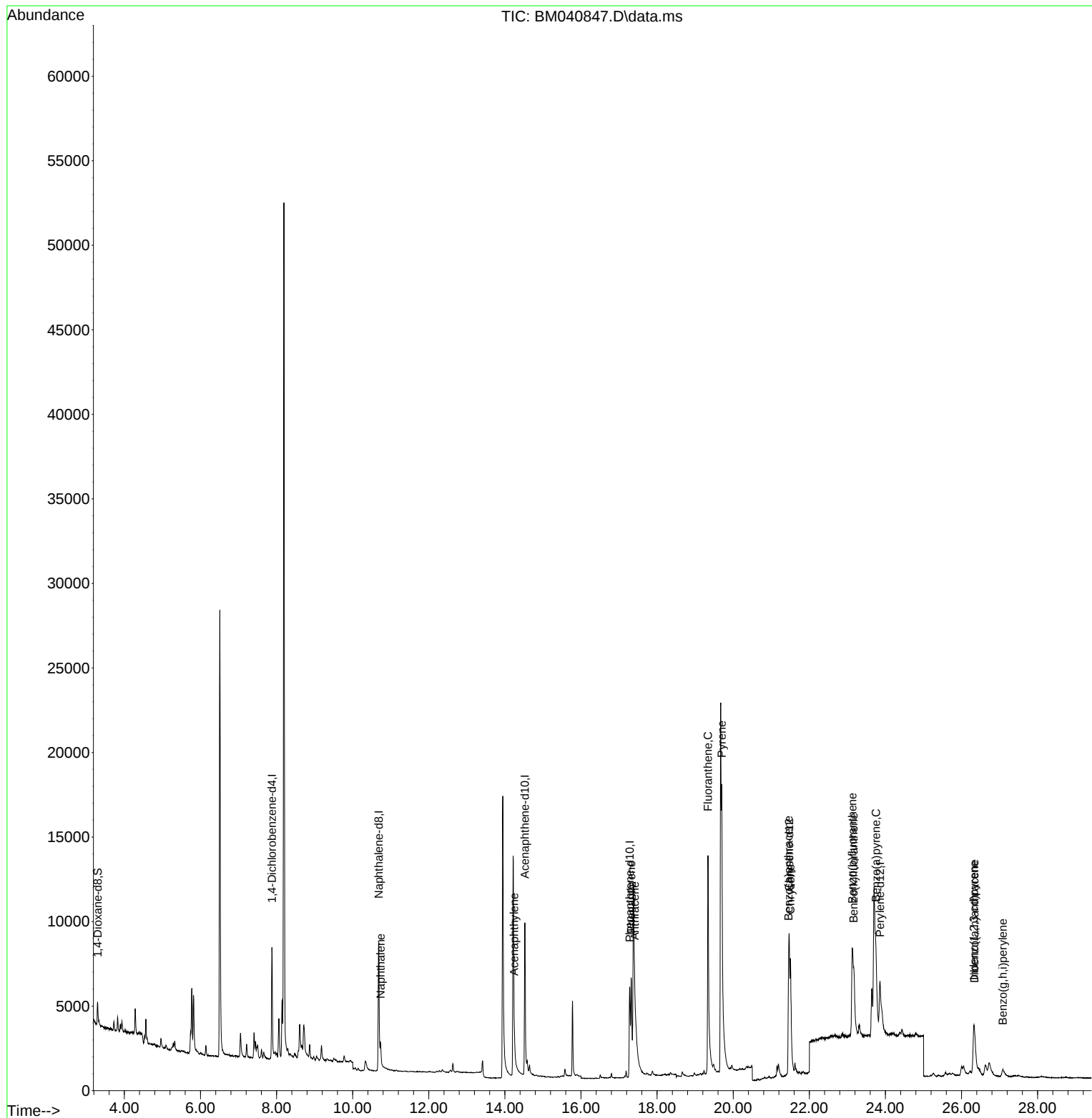
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040847.D
Acq On : 12 Jul 2023 21:47
Operator : MA/JU
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ALS Vial : 18 Sample Multiplier: 1

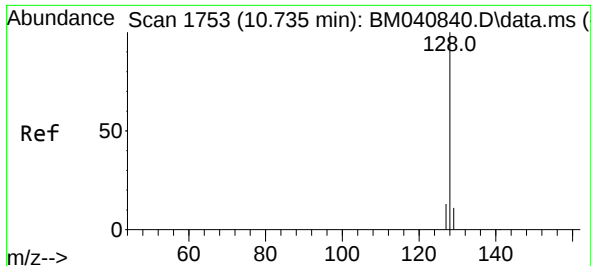
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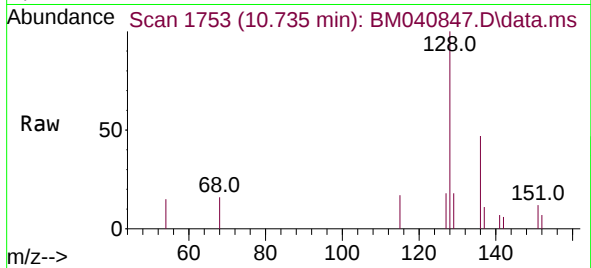
Quant Time: Jul 13 00:14:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
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#5
Naphthalene
Concen: 0.056 ng/u1
RT: 10.735 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

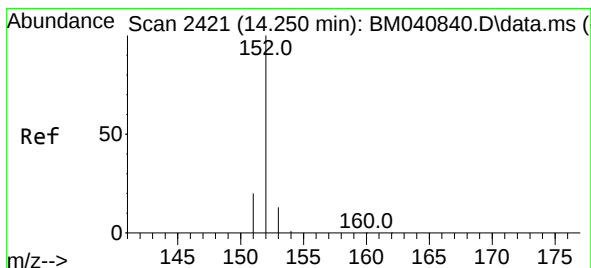
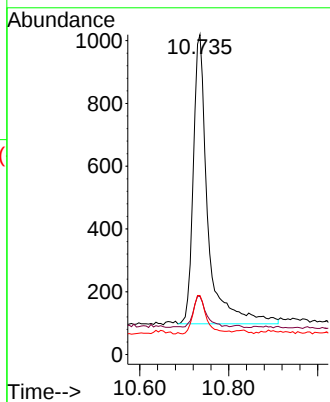
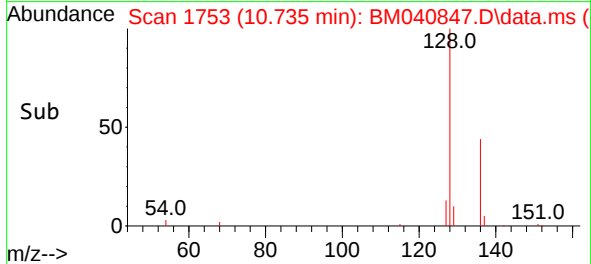
Instrument :
BNA_M
ClientSampleId :
A46G3DL



Tgt Ion:128 Resp: 2094
Ion Ratio Lower Upper
128 100
129 18.2 9.2 13.8#
127 18.4 10.6 15.8#

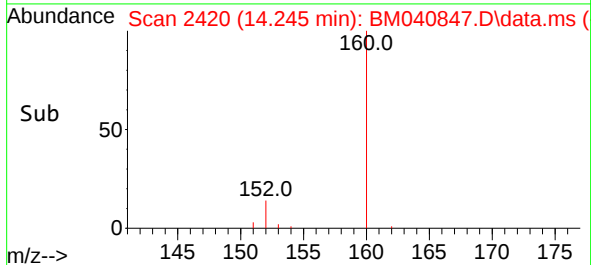
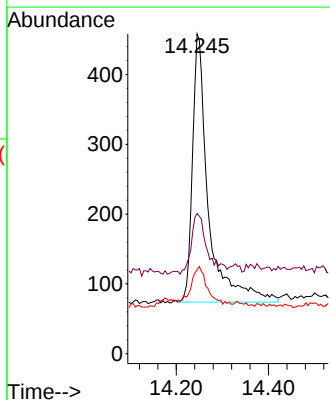
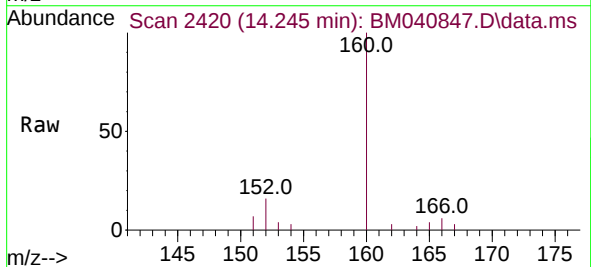
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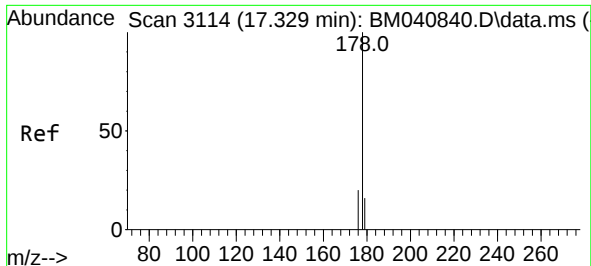
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

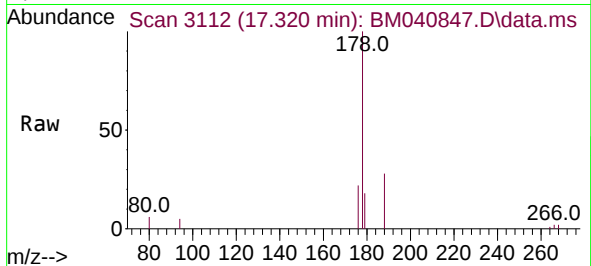
Tgt Ion:152 Resp: 921
Ion Ratio Lower Upper
152 100
151 43.9 16.2 24.2#
153 26.2 10.9 16.3#





#15
Phenanthrene
Concen: 0.265 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

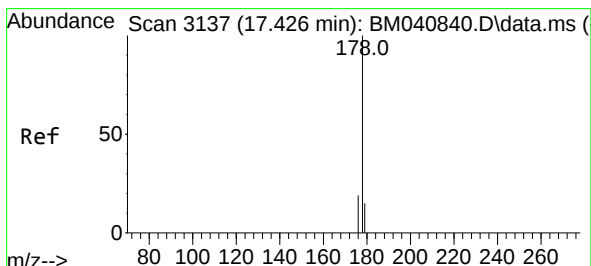
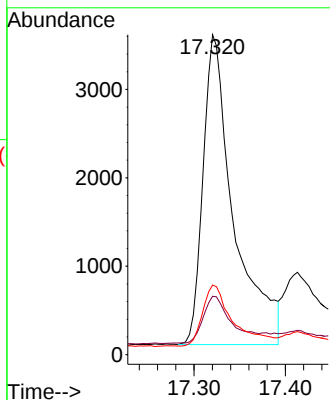
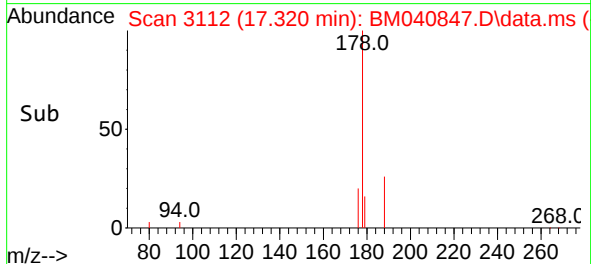
Instrument :
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A46G3DL



Tgt Ion:178 Resp: 818
Ion Ratio Lower Upper
178 100
179 18.3 12.8 19.2
176 21.7 16.4 24.6

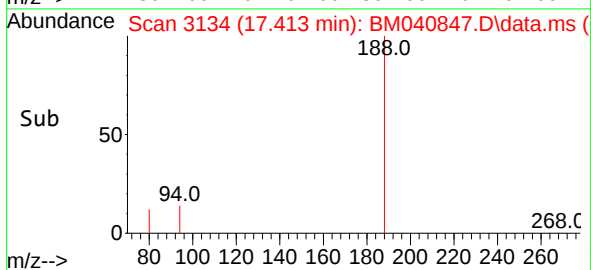
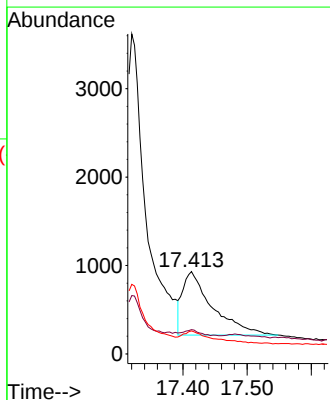
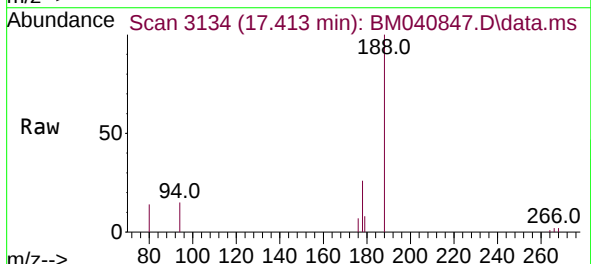
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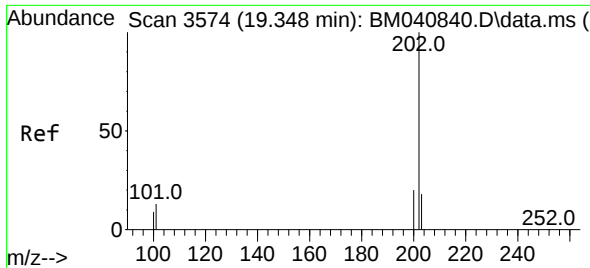
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#16
Anthracene
Concen: 0.089 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.017 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

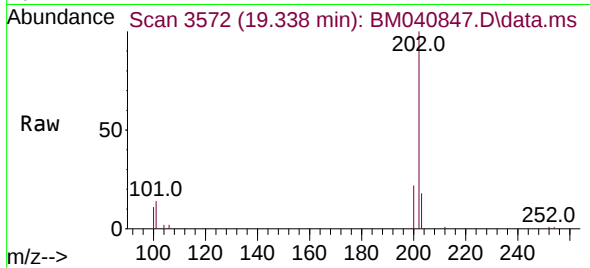
Tgt Ion:178 Resp: 2313
Ion Ratio Lower Upper
178 100
179 29.4 12.9 19.3#
176 27.9 15.8 23.6#





#19
Fluoranthene
Concen: 0.580 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

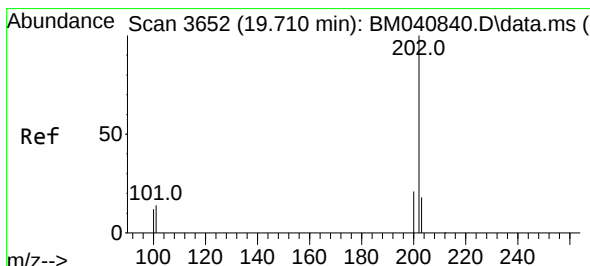
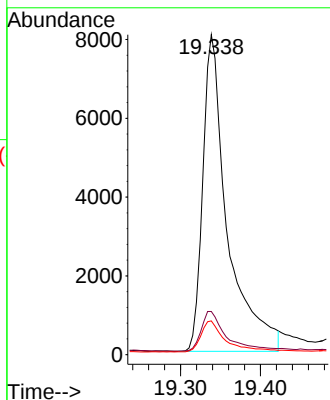
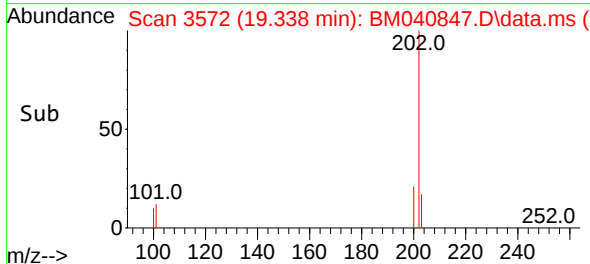
Instrument :
BNA_M
ClientSampleId :
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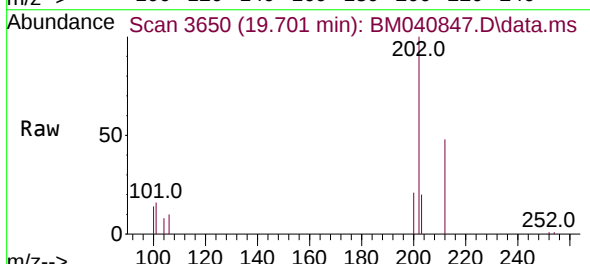
Tgt Ion:202 Resp: 17219
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.6 8.7 13.1

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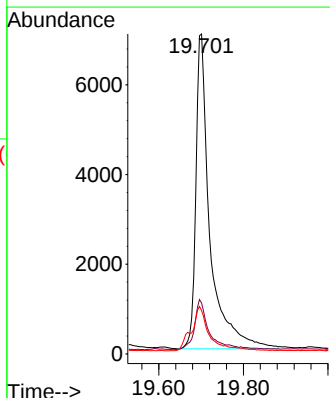
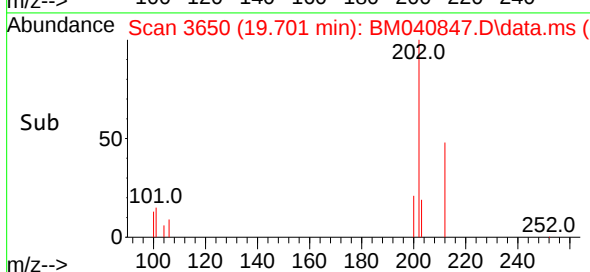
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

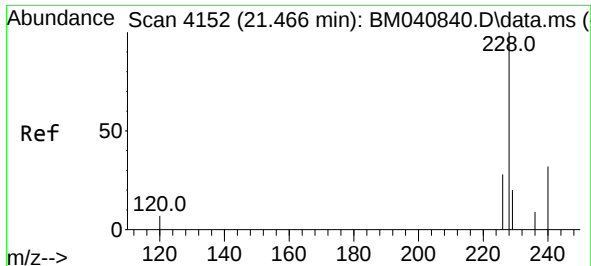


#20
Pyrene
Concen: 0.512 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.009 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47



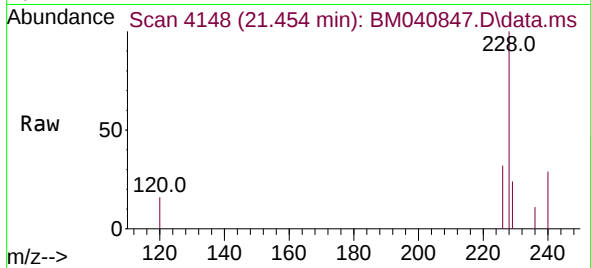
Tgt Ion:202 Resp: 16273
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.364 ng/u1
RT: 21.454 min Scan# 4152
Delta R.T. -0.015 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

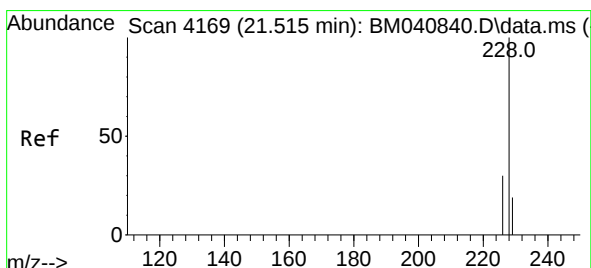
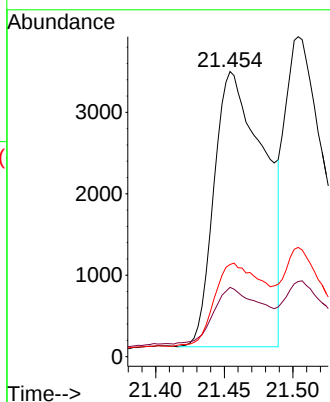
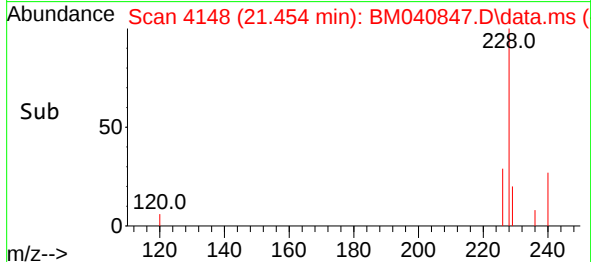
Instrument :
BNA_M
ClientSampleId :
A46G3DL



Tgt Ion:228 Resp: 8590
Ion Ratio Lower Upper
228 100
229 24.3 16.0 24.0
226 32.3 22.3 33.5

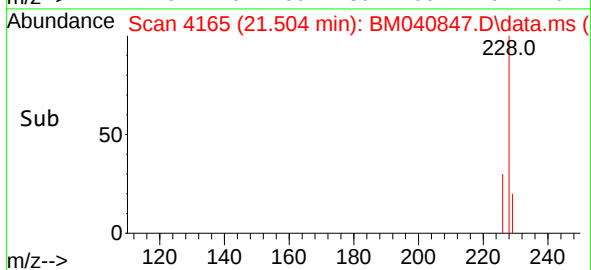
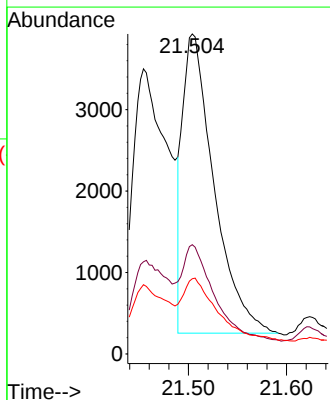
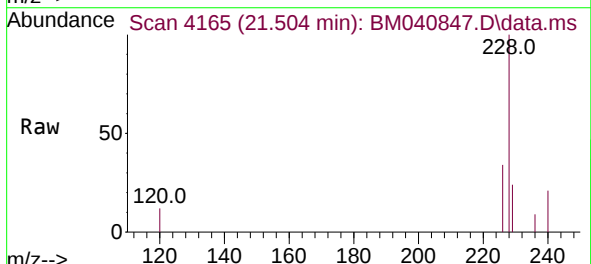
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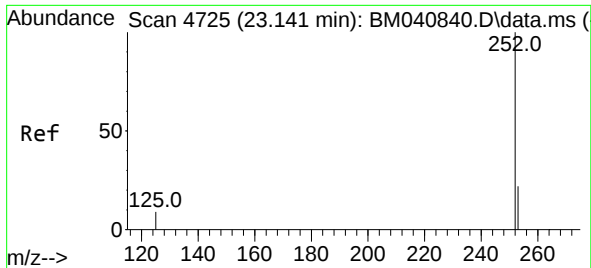
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#22
Chrysene
Concen: 0.303 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

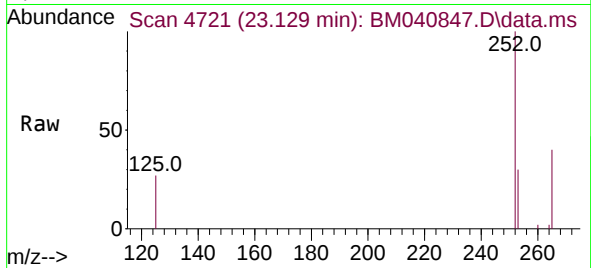
Tgt Ion:228 Resp: 8176
Ion Ratio Lower Upper
228 100
226 34.1 24.9 37.3
229 23.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.560 ng/ul
RT: 23.129 min Scan# 4721
Delta R.T. -0.015 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

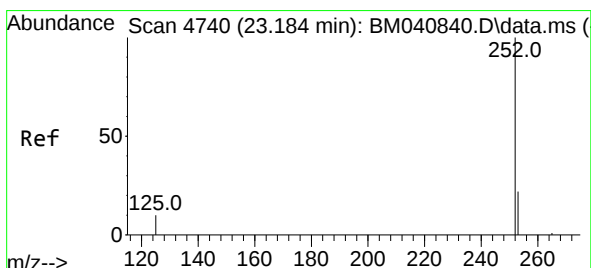
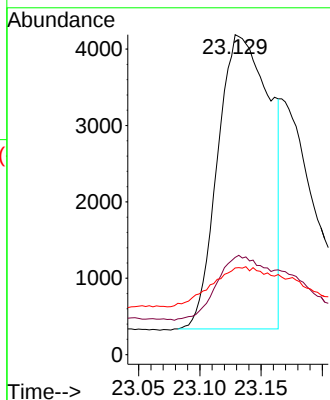
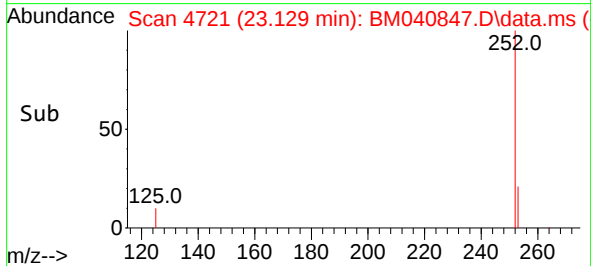
Instrument :
BNA_M
ClientSampleId :
A46G3DL



Tgt Ion:252 Resp: 1136
Ion Ratio Lower Upper
252 100
253 30.4 0.0 52.8
125 27.1 0.0 43.0

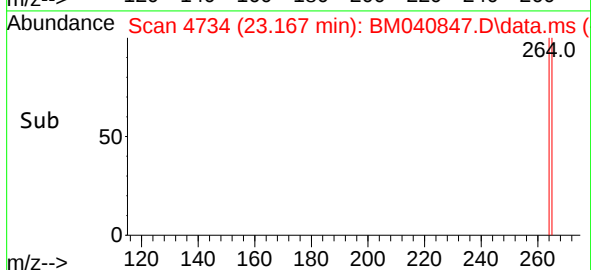
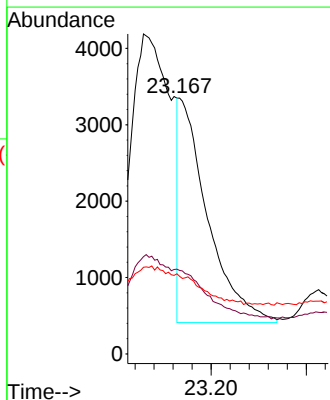
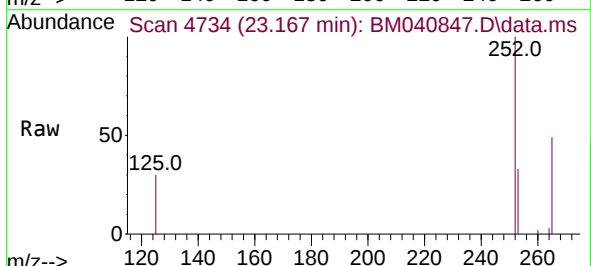
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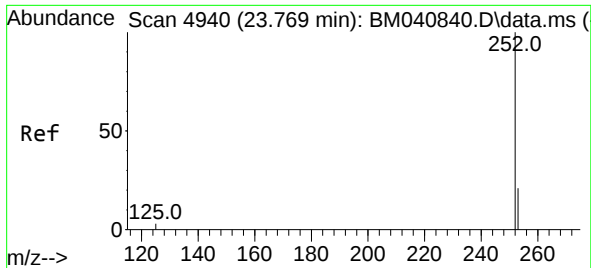
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#25
Benzo(k)fluoranthene
Concen: 0.308 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.023 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

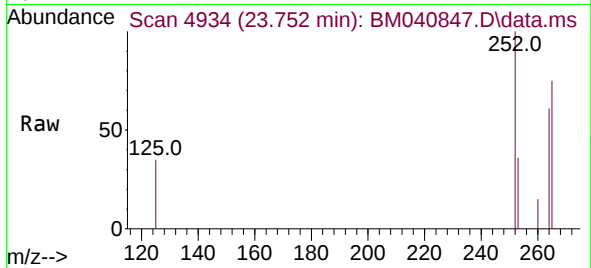
Tgt Ion:252 Resp: 6160
Ion Ratio Lower Upper
252 100
253 32.6 21.2 31.8#
125 30.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.752 min Scan# 4934
Delta R.T. -0.020 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47

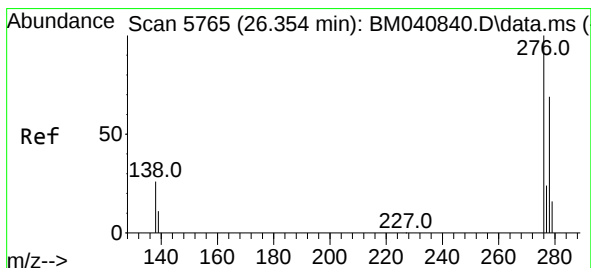
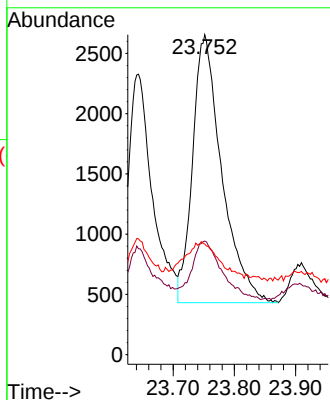
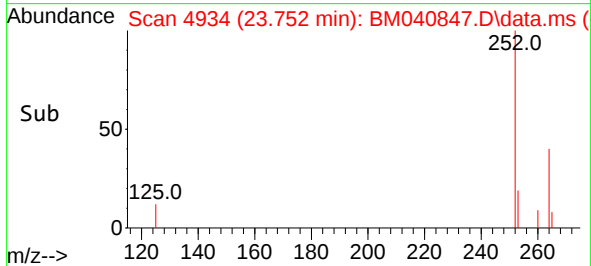
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A46G3DL



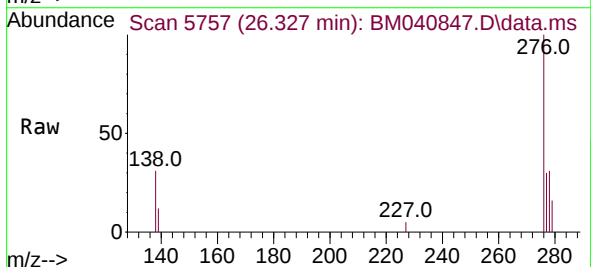
Tgt Ion:252 Resp: 7352
Ion Ratio Lower Upper
252 100
253 35.5 22.9 34.3
125 34.6 21.0 31.4

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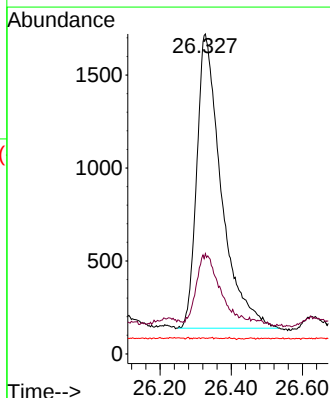
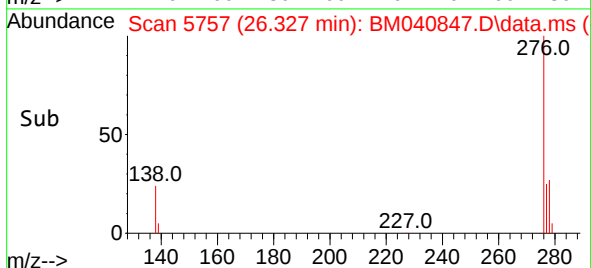
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

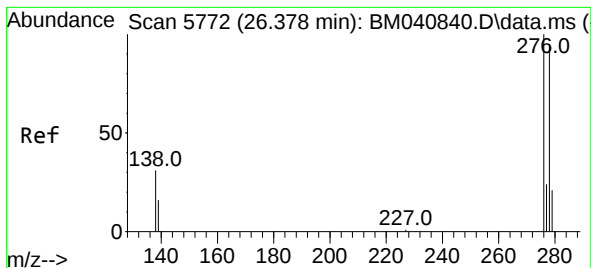


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.037 min
Lab File: BM040847.D
Acq: 12 Jul 2023 21:47



Tgt Ion:276 Resp: 7559
Ion Ratio Lower Upper
276 100
138 26.0 24.5 36.7
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.110 ng/ul

RT: 26.337 min Scan# 5198

Delta R.T. -0.037 min

Lab File: BM040847.D

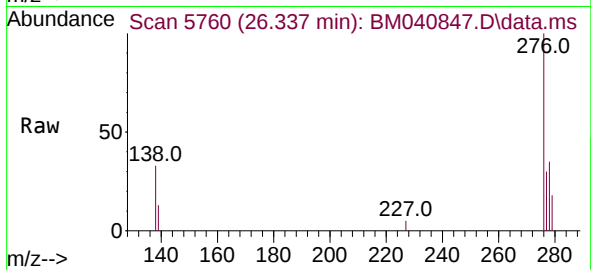
Acq: 12 Jul 2023 21:47

Instrument :

BNA_M

ClientSampleId :

A46G3DL



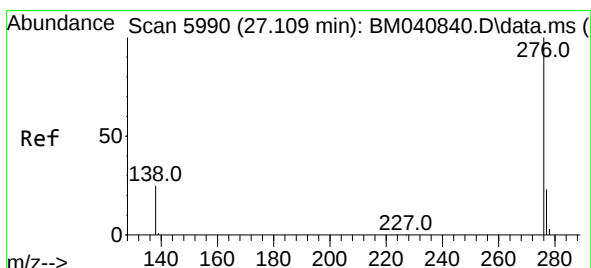
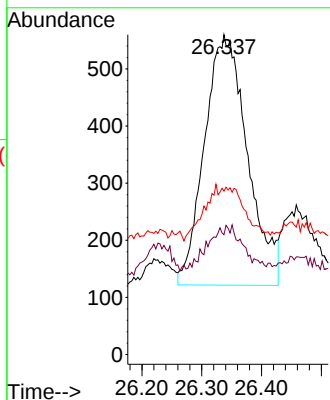
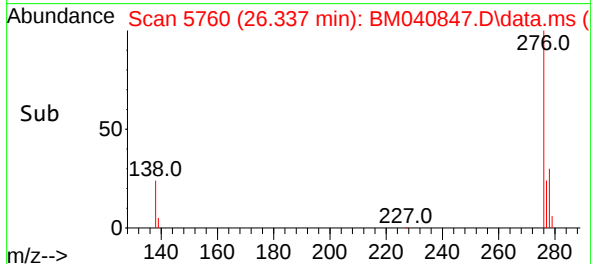
Tgt Ion:	278	Resp:	2198
Ion Ratio	Lower	Upper	
278	100		
139	37.5	17.9	26.98
279	51.1	22.0	33.08

Manual Integrations

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Supervised By :mohammad ahmed 07/13/2023



#29

Benzo(g,h,i)perylene

Concen: 0.061 ng/ul

RT: 27.089 min Scan# 5984

Delta R.T. -0.023 min

Lab File: BM040847.D

Acq: 12 Jul 2023 21:47

Tgt Ion:	276	Resp:	1354
Ion Ratio	Lower	Upper	
276	100		
138	55.4	23.0	34.68
277	44.0	20.3	30.58

