

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040904.D
 Acq On : 15 Jul 2023 07:25
 Operator : MA/JU
 Sample : 03437-21
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46L7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 16 00:31:32 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 : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4794	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.658	136	15466	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	6887	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	11966	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	8315	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	9064	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	46962	6.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	7061	0.326	ng/ul	-0.01
18) Fluoranthene-d10	19.283	212	9721	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	16834	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.324	142	790	0.032	ng/ul	100
15) Phenanthrene	17.295	178	4132	0.111	ng/ul	95
16) Anthracene	17.388	178	627	0.020	ng/ul#	62
19) Fluoranthene	19.315	202	12787	0.362	ng/ul	98
20) Pyrene	19.678	202	9499m	0.251	ng/ul	
21) Benzo(a)anthracene	21.431	228	3761	0.134	ng/ul	95
22) Chrysene	21.483	228	6108	0.190	ng/ul	96
24) Benzo(b)fluoranthene	23.099	252	8442	0.241	ng/ul	84
25) Benzo(k)fluoranthene	23.143	252	2909m	0.084	ng/ul	
26) Benzo(a)pyrene	23.711	252	2215	0.070	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.273	276	3844	0.087	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.287	278	927	0.027	ng/ul#	16

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

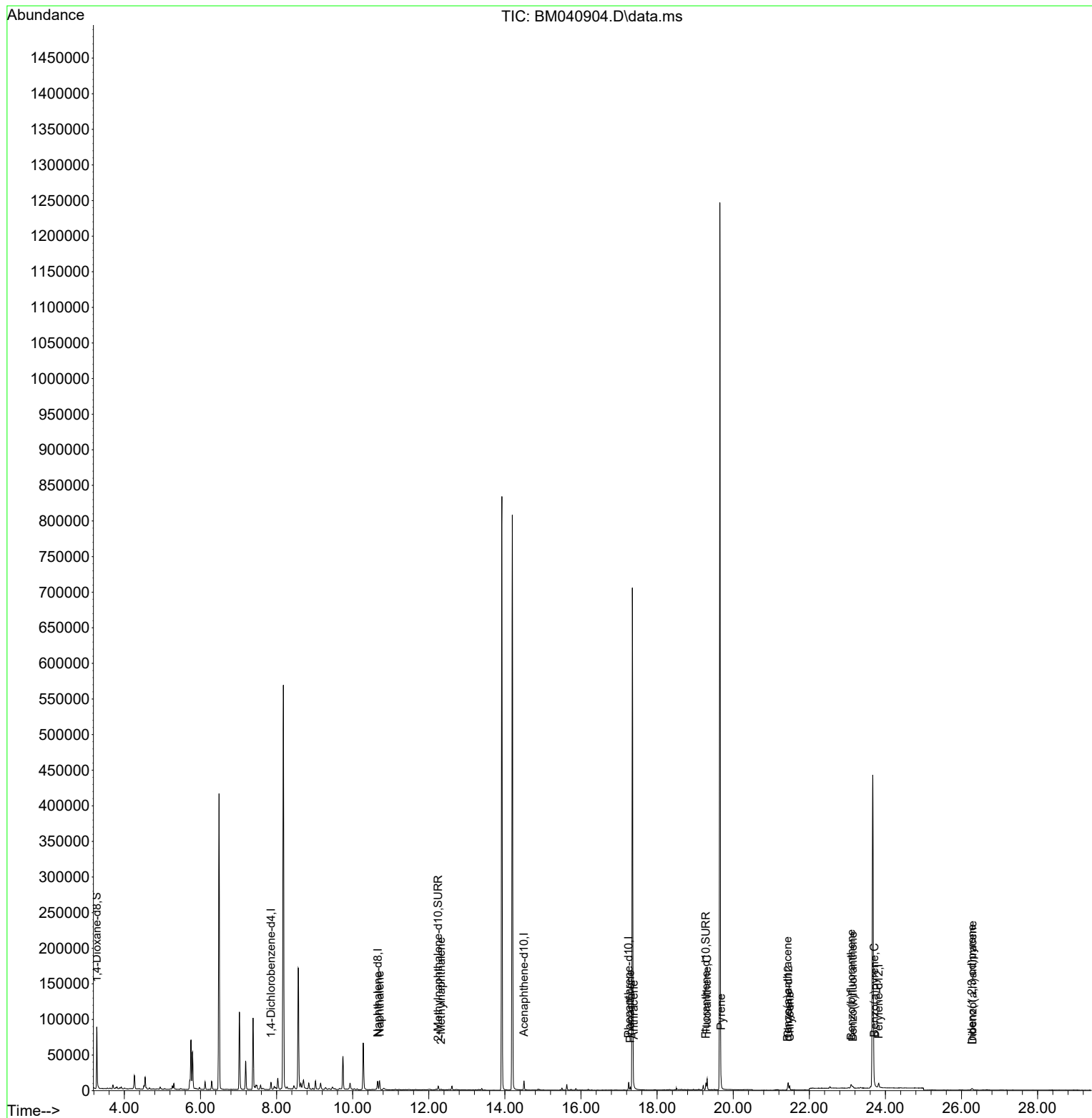
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040904.D
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ALS Vial : 36 Sample Multiplier: 1

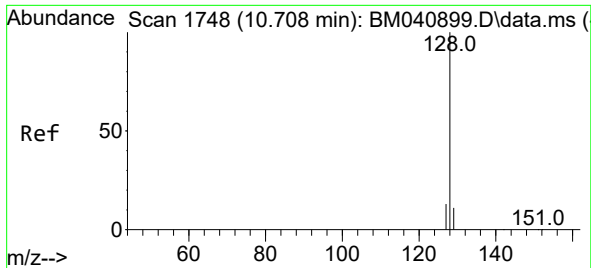
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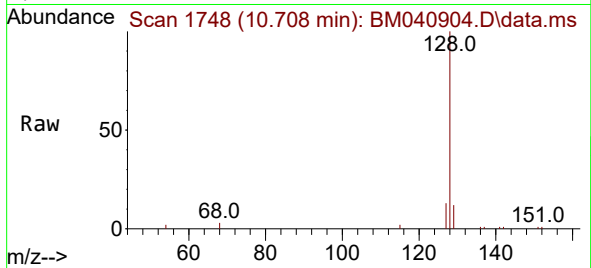
Quant Time: Jul 16 00:31:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

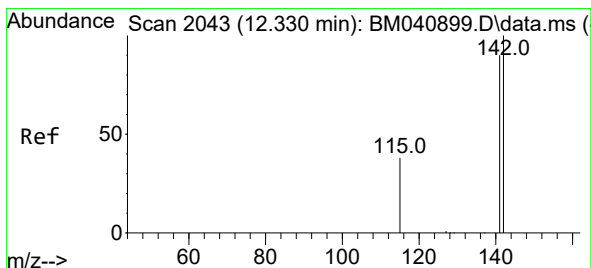
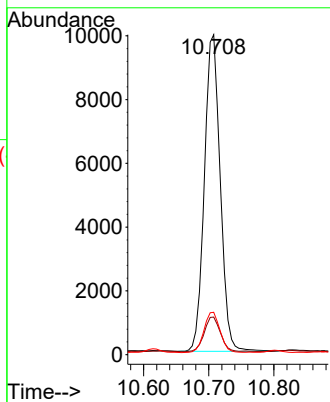
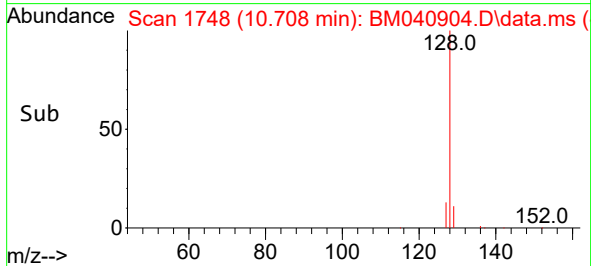
Instrument :
BNA_M
ClientSampleId :
A46L7



Tgt Ion:128 Resp: 16834
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.3 10.6 15.8

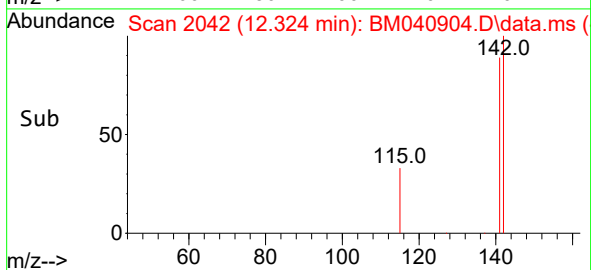
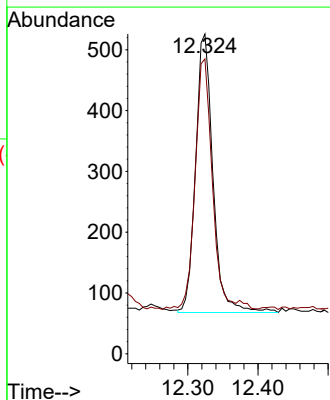
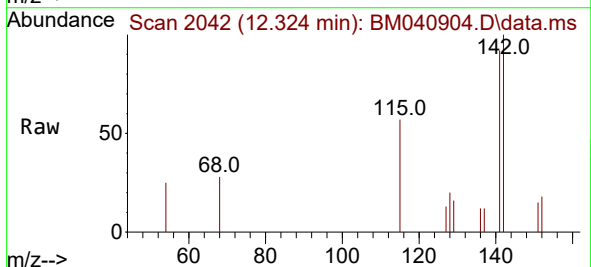
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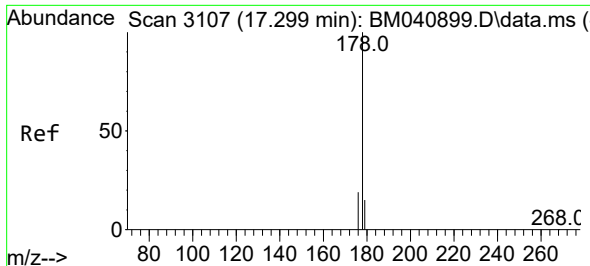
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

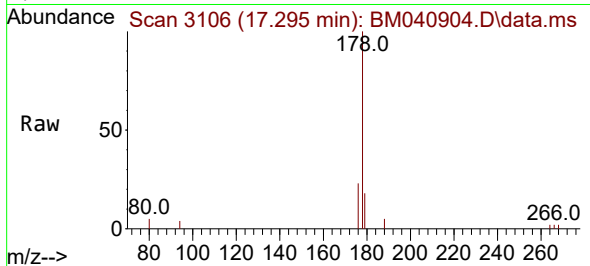
Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#15
Phenanthrene
Concen: 0.111 ng/ul
RT: 17.295 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

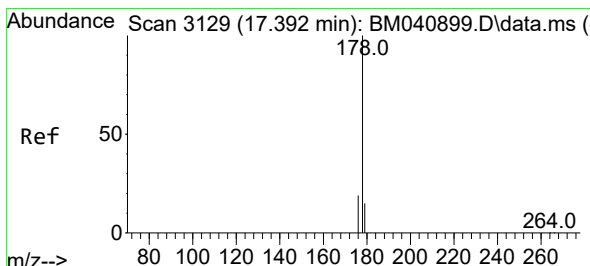
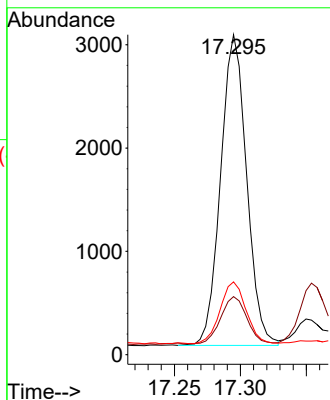
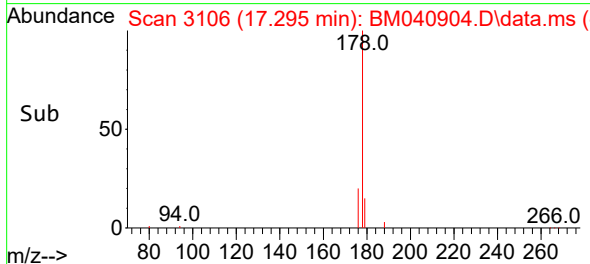
Instrument :
BNA_M
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A46L7



Tgt Ion:178 Resp: 413
Ion Ratio Lower Upper
178 100
179 18.1 12.8 19.2
176 22.8 16.4 24.6

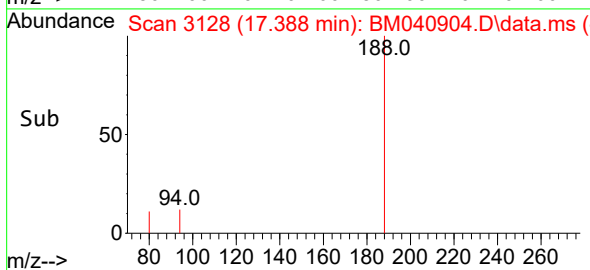
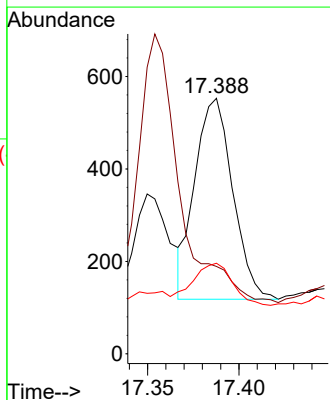
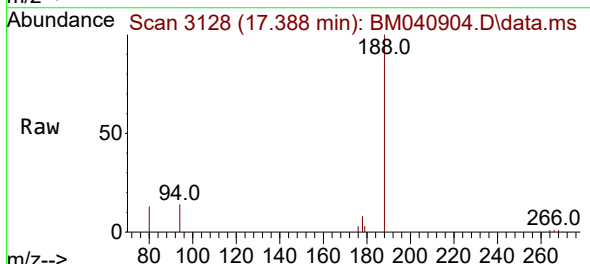
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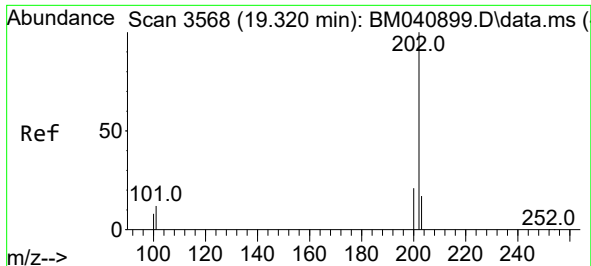
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.020 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

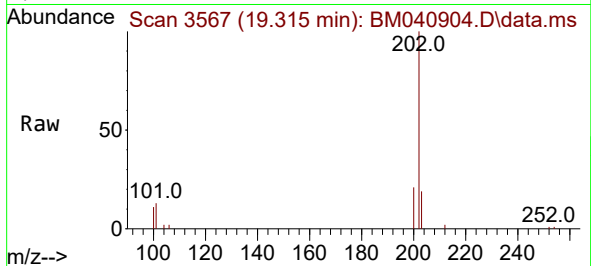
Tgt Ion:178 Resp: 627
Ion Ratio Lower Upper
178 100
179 34.2 12.9 19.3#
176 35.4 15.8 23.6#





#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

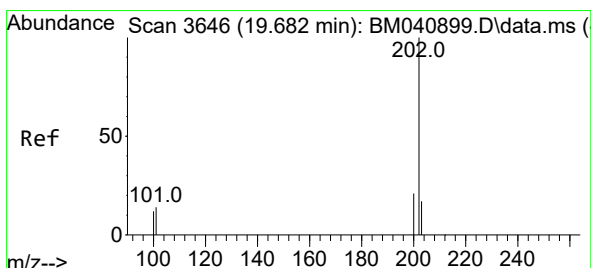
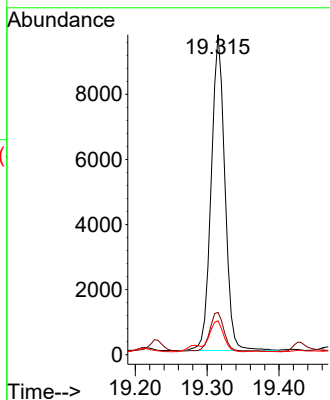
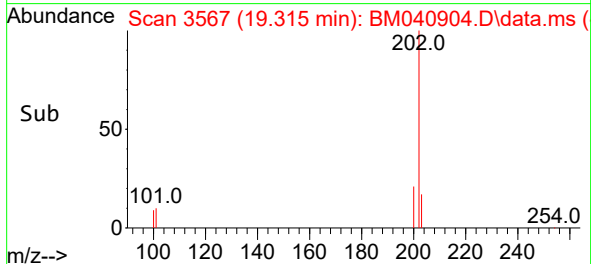
Instrument :
BNA_M
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A46L7



Tgt Ion:202 Resp: 1278
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.6 8.7 13.1

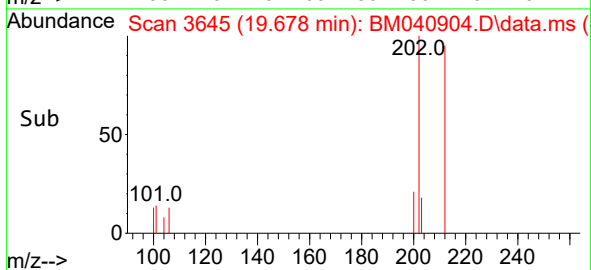
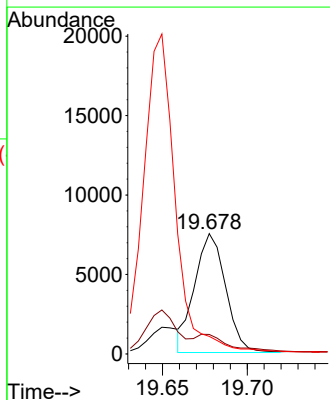
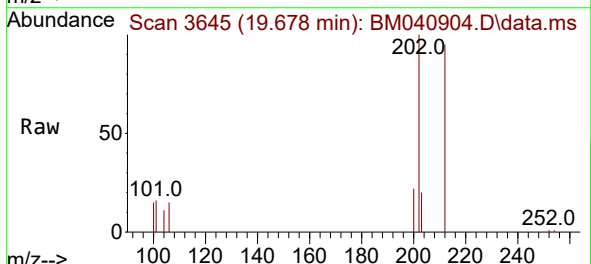
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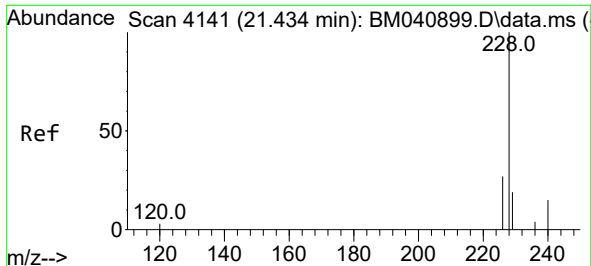
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.251 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

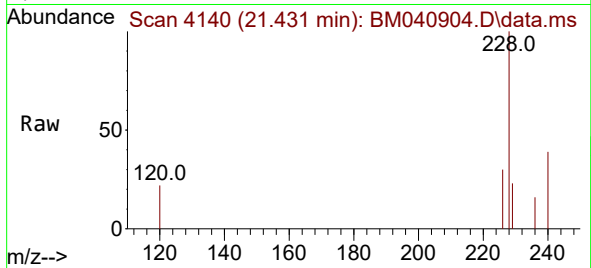
Tgt Ion:202 Resp: 9499
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 14.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.134 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

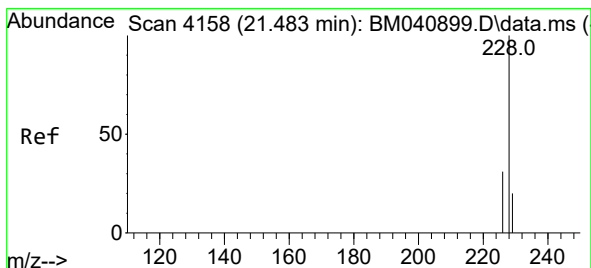
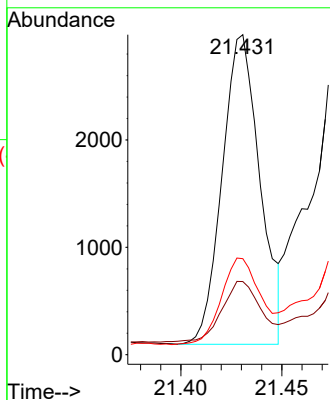
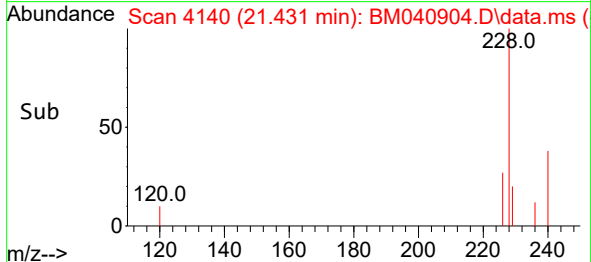
Instrument :
BNA_M
ClientSampleId :
A46L7



Tgt Ion:228 Resp: 376
Ion Ratio Lower Upper
228 100
229 22.8 16.0 24.0
226 30.0 22.3 33.5

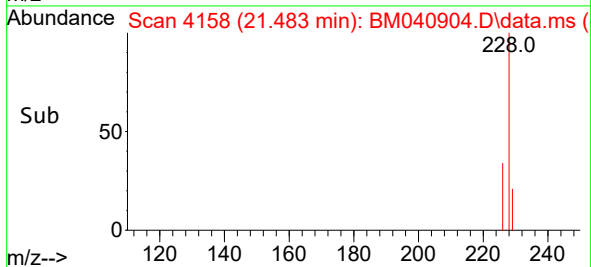
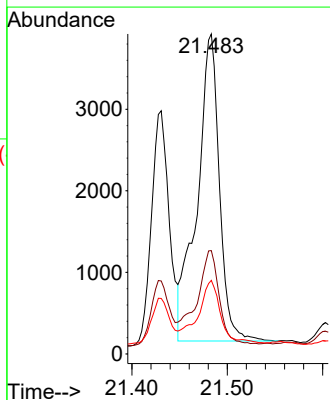
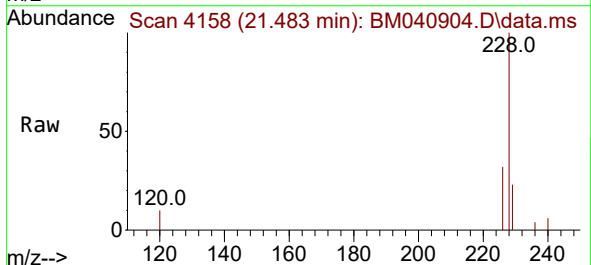
Manual Integrations
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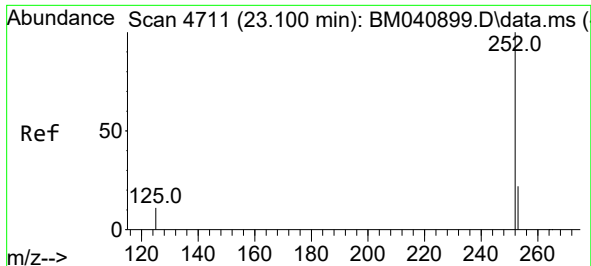
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

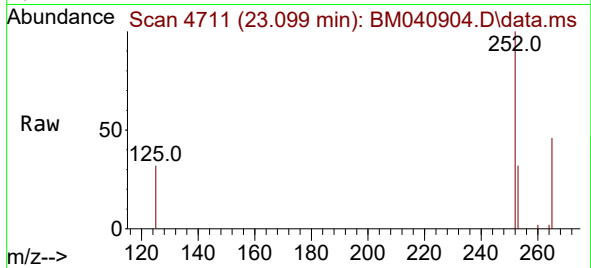
Tgt Ion:228 Resp: 6108
Ion Ratio Lower Upper
228 100
226 32.3 24.9 37.3
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.241 ng/ul
RT: 23.099 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

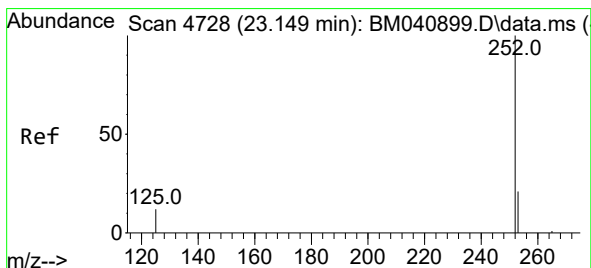
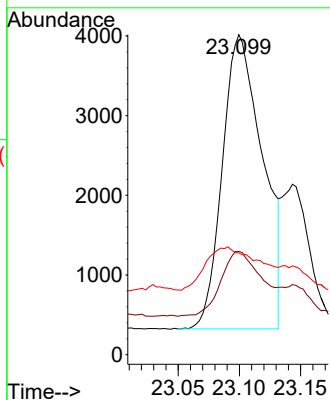
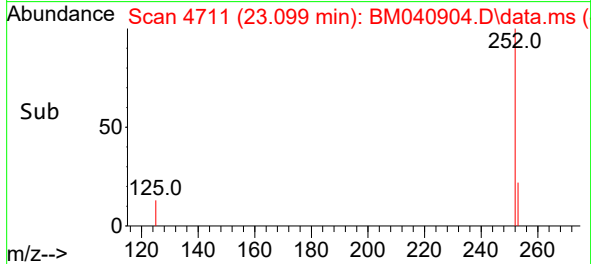
Instrument :
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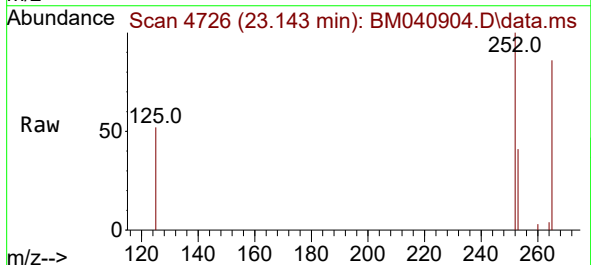
Tgt Ion:252 Resp: 844
Ion Ratio Lower Upper
252 100
253 32.2 0.0 52.8
125 31.8 0.0 43.0

Manual Integrations
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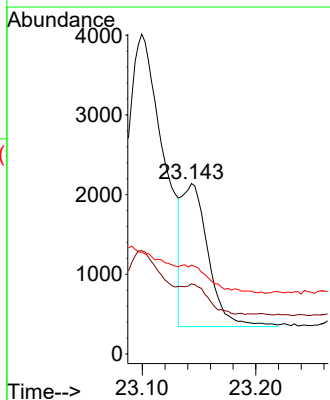
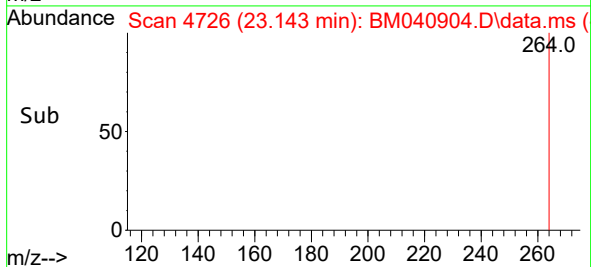
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

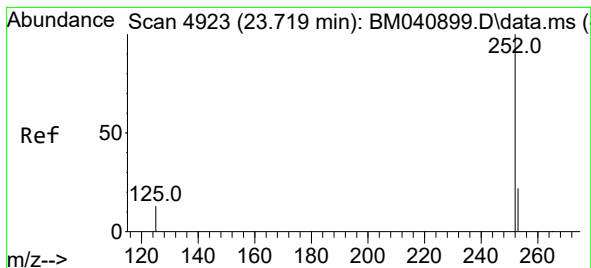


#25
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25



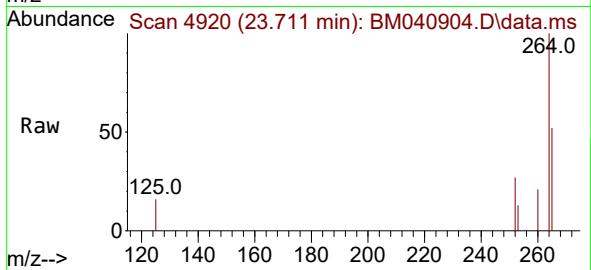
Tgt Ion:252 Resp: 2909
Ion Ratio Lower Upper
252 100
253 41.1 21.2 31.8#
125 52.1 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.711 min Scan# 4920
Delta R.T. -0.012 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

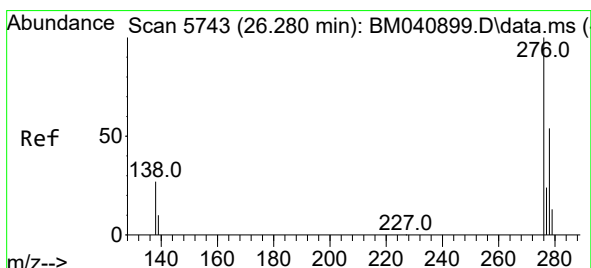
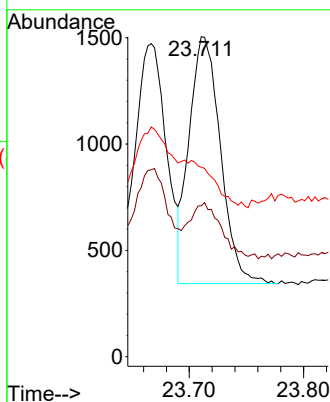
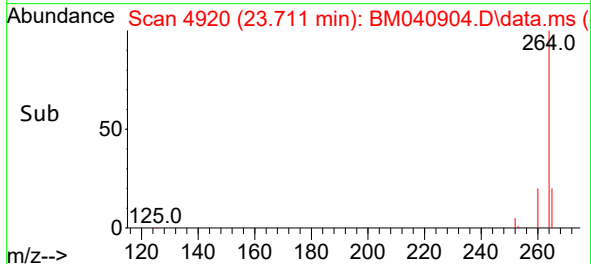
Instrument :
BNA_M
ClientSampleId :
A46L7



Tgt Ion:252 Resp: 2215
Ion Ratio Lower Upper
252 100
253 47.2 22.9 34.3#
125 59.2 21.0 31.4#

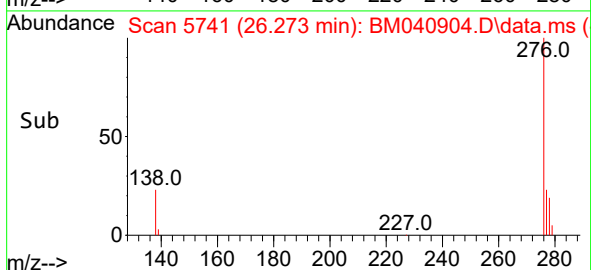
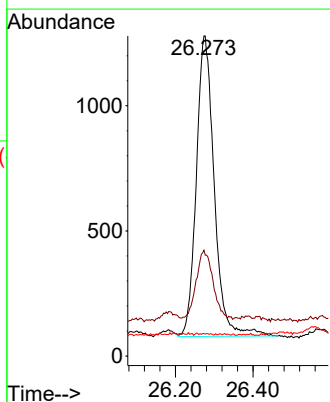
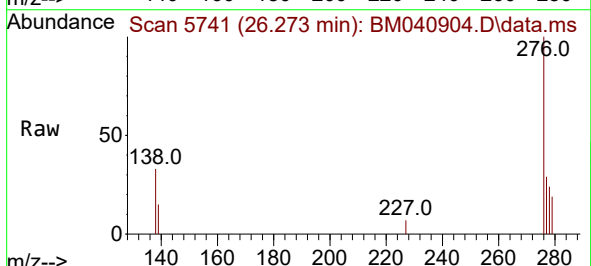
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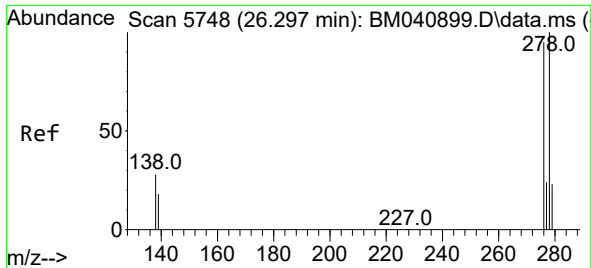
Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.273 min Scan# 5741
Delta R.T. -0.017 min
Lab File: BM040904.D
Acq: 15 Jul 2023 07:25

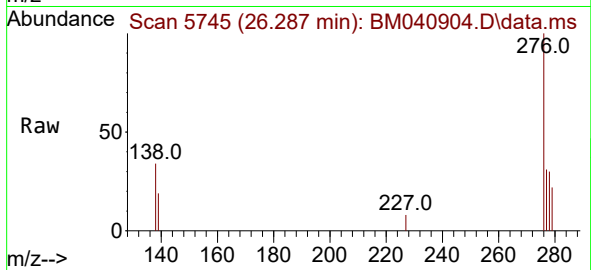
Tgt Ion:276 Resp: 3844
Ion Ratio Lower Upper
276 100
138 21.7 24.5 36.7#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.027 ng/ul
 RT: 26.287 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040904.D
 Acq: 15 Jul 2023 07:25

Instrument :
 BNA_M
 ClientSampleId :
 A46L7



Tgt Ion:278 Resp: 92
 Ion Ratio Lower Upper
 278 100
 139 62.6 17.9 26.9
 279 71.9 22.0 33.0

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