

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040898.D
 Acq On : 15 Jul 2023 03:06
 Operator : MA/JU
 Sample : 03437-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 04:36:48 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	7.857	152	4542	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	16340	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.504	164	7938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	16465	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	10748	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	8843	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	14352	2.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	3426	0.150	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	6879	0.200	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.707	128	18571	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	973	0.037	ng/ul	98
15) Phenanthrene	17.295	178	7143	0.140	ng/ul	97
16) Anthracene	17.388	178	947	0.022	ng/ul#	74
19) Fluoranthene	19.315	202	15020	0.329	ng/ul	98
20) Pyrene	19.682	202	9362m	0.191	ng/ul	
21) Benzo(a)anthracene	21.431	228	5529	0.152	ng/ul#	92
22) Chrysene	21.483	228	6237	0.150	ng/ul#	92
24) Benzo(b)fluoranthene	23.099	252	7346	0.215	ng/ul#	61
25) Benzo(k)fluoranthene	23.143	252	2849m	0.084	ng/ul	
26) Benzo(a)pyrene	23.713	252	1144	0.037	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.277	276	1867	0.043	ng/ul#	85

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

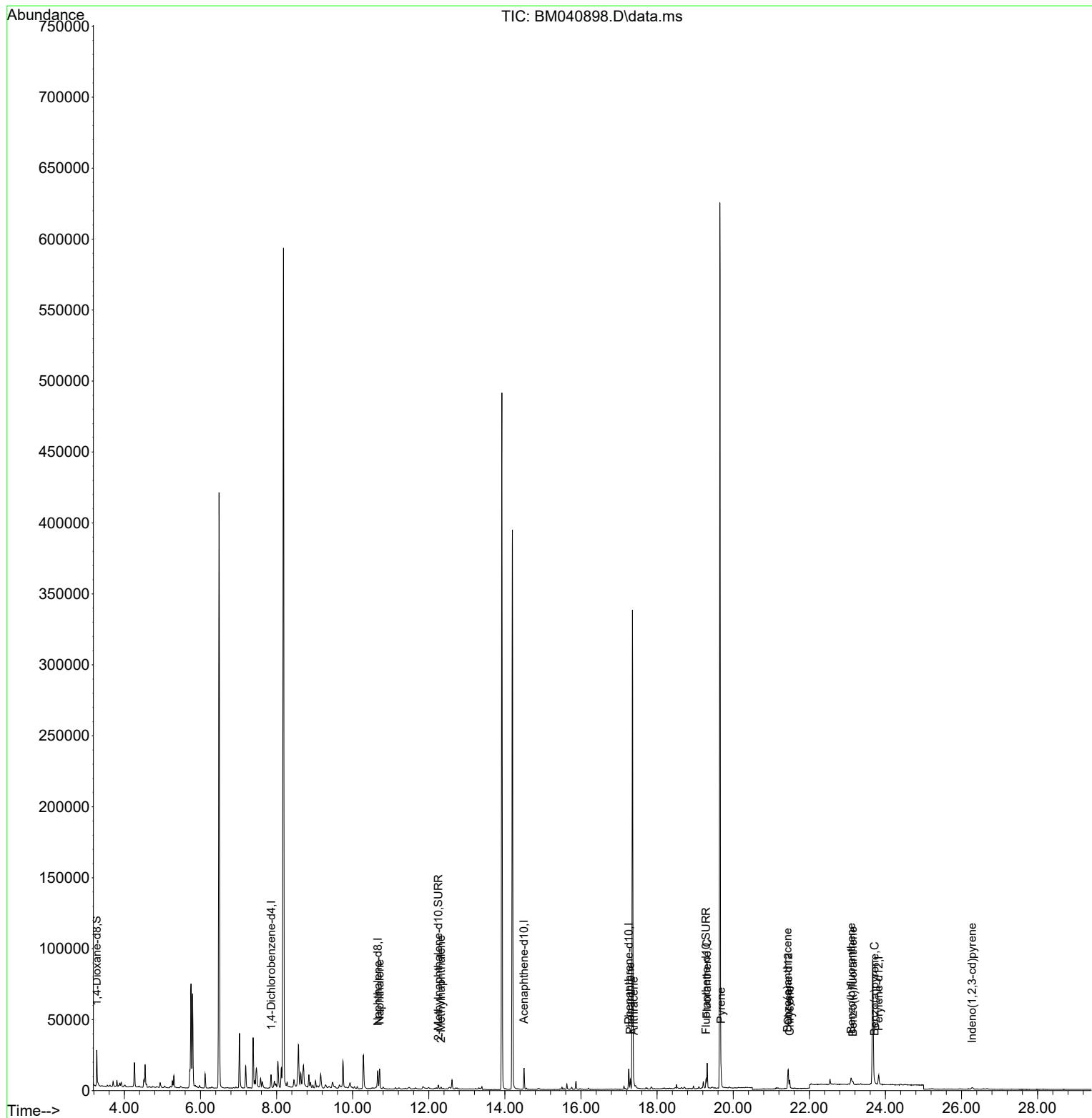
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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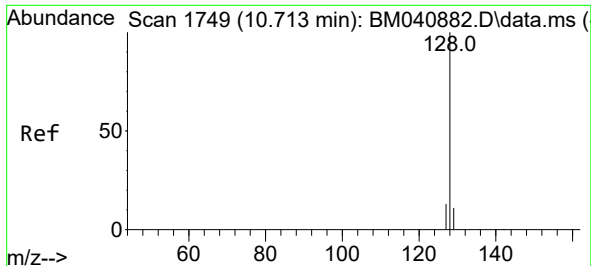
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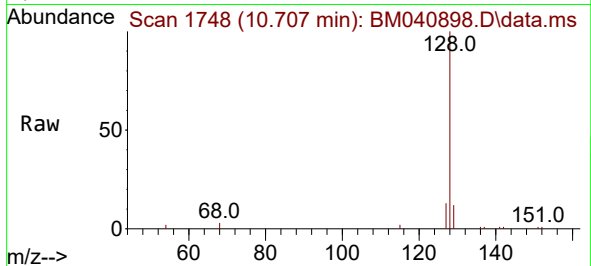
Quant Time: Jul 15 04:36:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.707 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

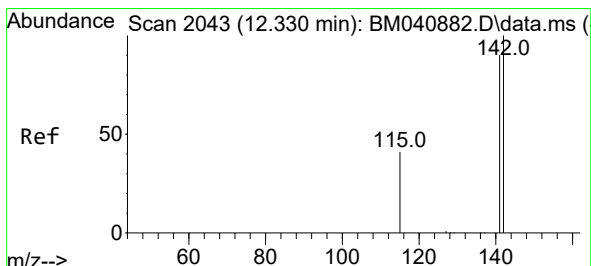
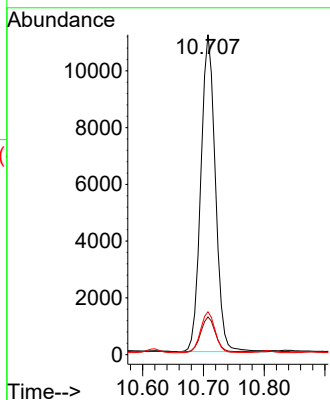
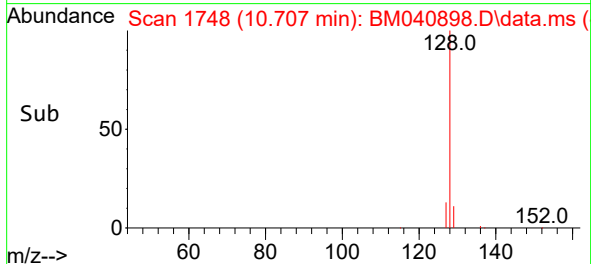
Instrument :
BNA_M
ClientSampleId :
A46H1



Tgt Ion:128 Resp: 1857
Ion Ratio Lower Upper
128 100
129 11.8 9.2 13.8
127 13.4 10.6 15.8

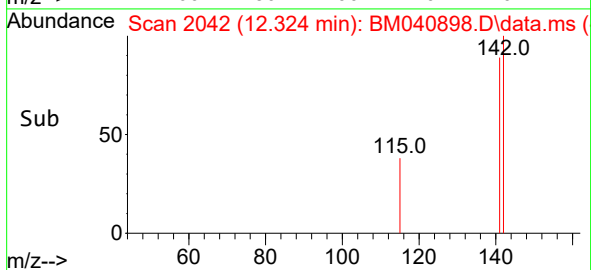
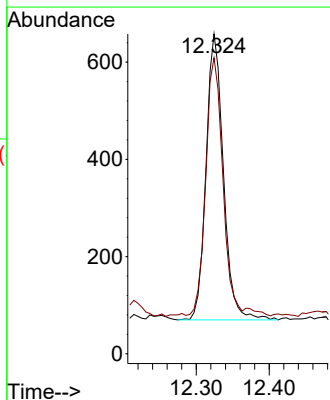
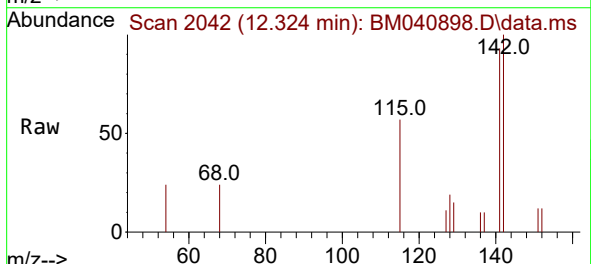
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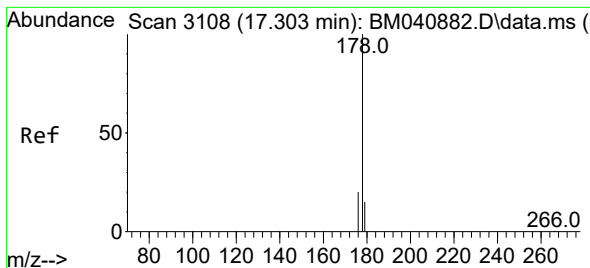
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Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

Tgt Ion:142 Resp: 973
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#15

Phenanthrene

Concen: 0.140 ng/ul

RT: 17.295 min Scan# 3106

Delta R.T. -0.009 min

Lab File: BM040898.D

Acq: 15 Jul 2023 03:06

Instrument :

BNA_M

ClientSampleId :

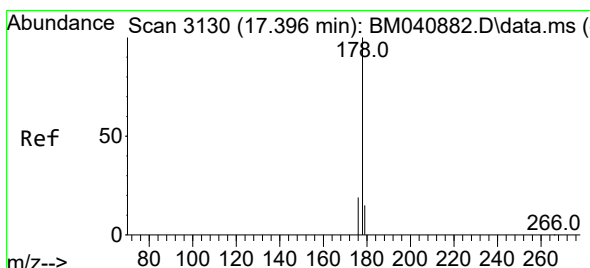
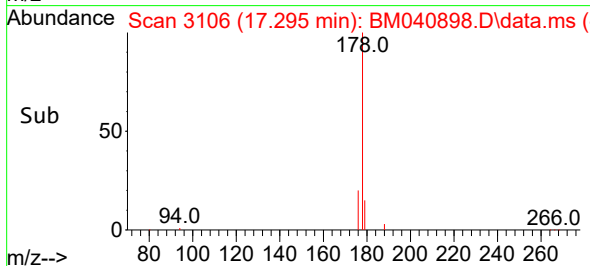
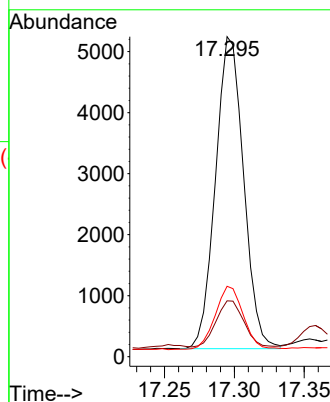
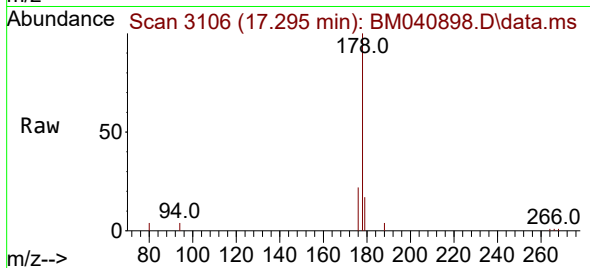
A46H1

Tgt Ion:178	Resp:	714
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.8 19.2
176	22.0	16.4 24.6

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#16

Anthracene

Concen: 0.022 ng/ul

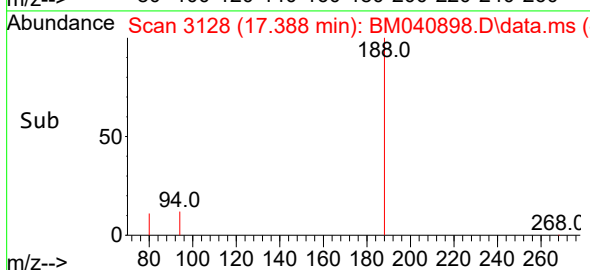
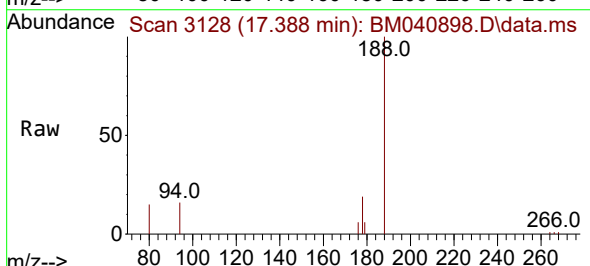
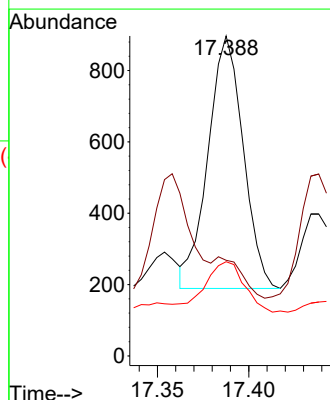
RT: 17.388 min Scan# 3128

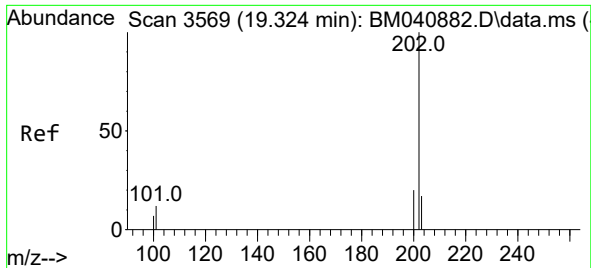
Delta R.T. -0.009 min

Lab File: BM040898.D

Acq: 15 Jul 2023 03:06

Tgt Ion:178	Resp:	947
Ion Ratio	Lower	Upper
178	100	
179	29.9	12.9 19.3#
176	29.4	15.8 23.6#





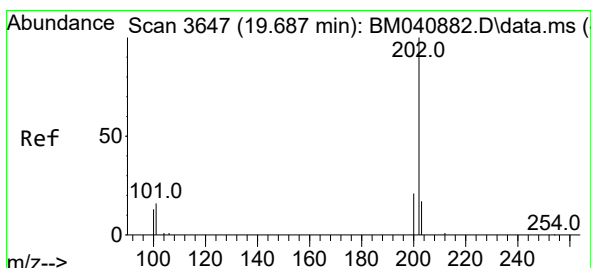
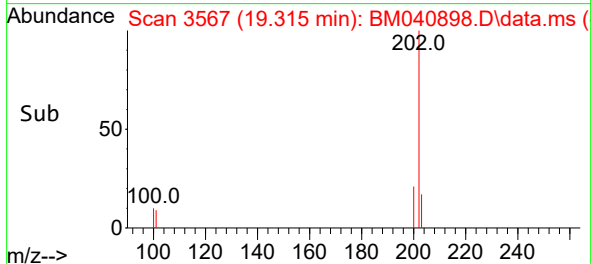
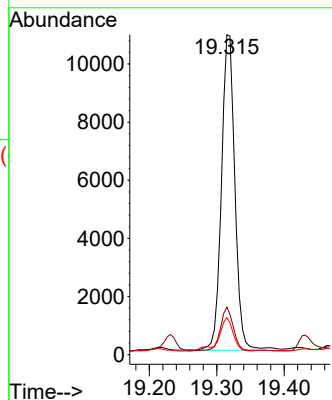
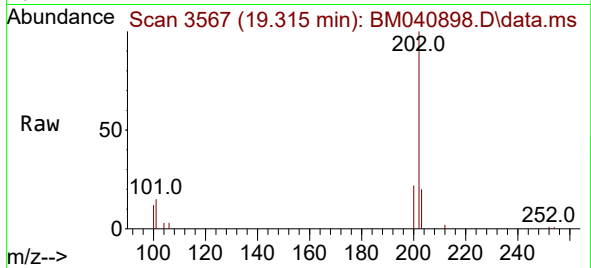
#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

Instrument :
BNA_M
ClientSampleId :
A46H1

Tgt Ion:202 Resp: 15020
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 11.6 8.7 13.1

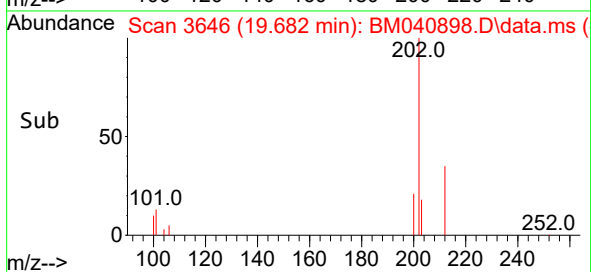
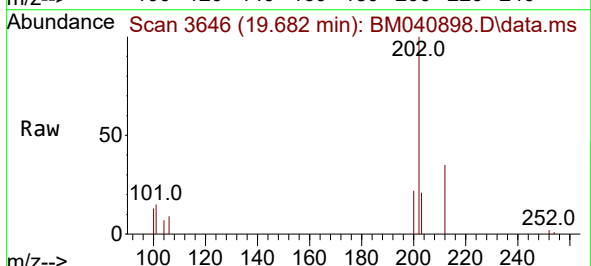
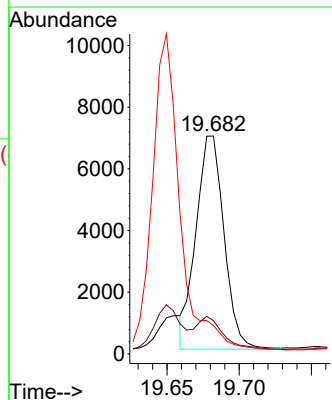
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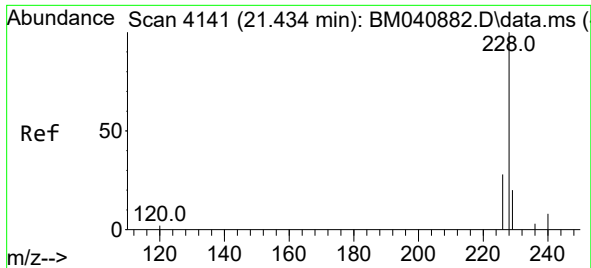
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#20
Pyrene
Concen: 0.191 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

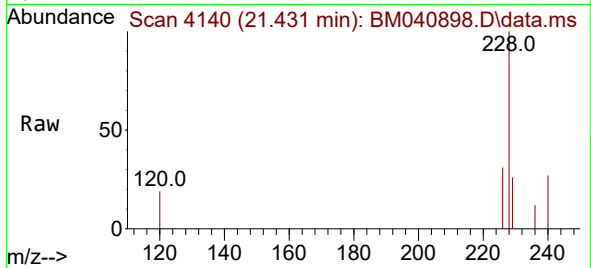
Tgt Ion:202 Resp: 9362
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 13.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.152 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

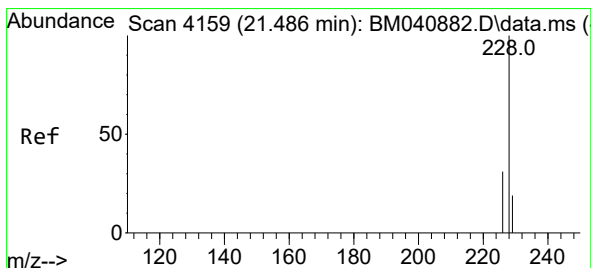
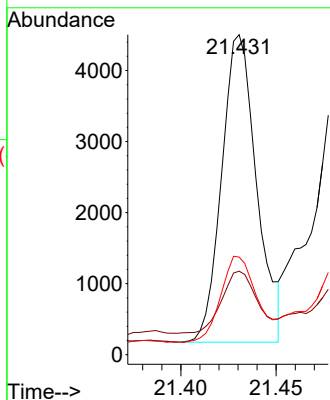
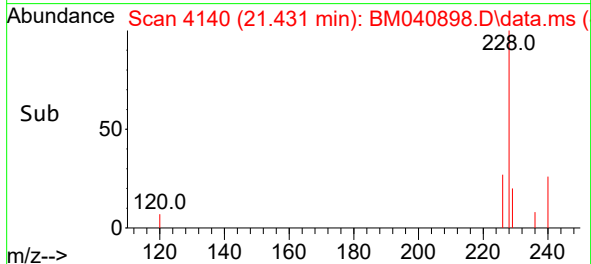
Instrument :
BNA_M
ClientSampleId :
A46H1



Tgt Ion:228 Resp: 5529
Ion Ratio Lower Upper
228 100
229 26.1 16.0 24.0
226 30.5 22.3 33.5

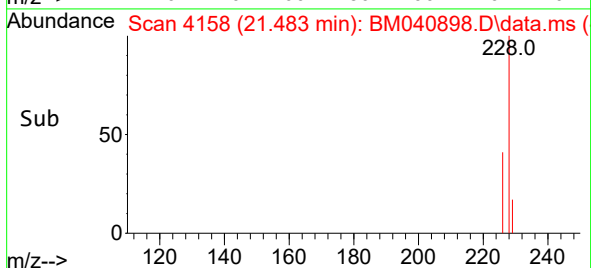
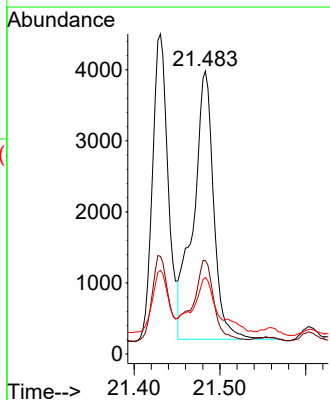
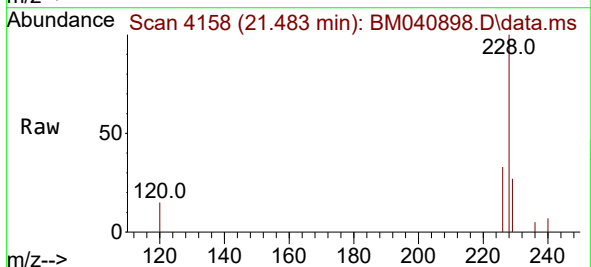
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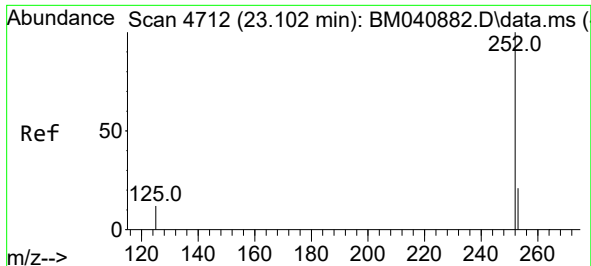
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#22
Chrysene
Concen: 0.150 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

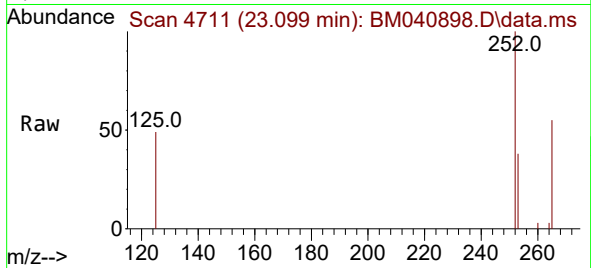
Tgt Ion:228 Resp: 6237
Ion Ratio Lower Upper
228 100
226 33.0 24.9 37.3
229 27.0 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.215 ng/ul
RT: 23.099 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

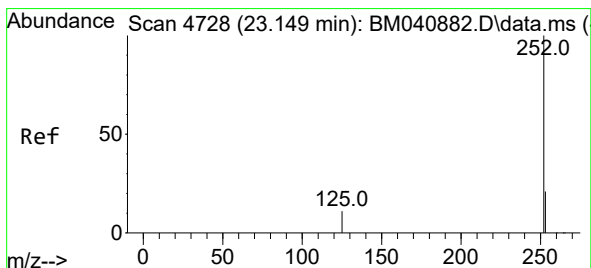
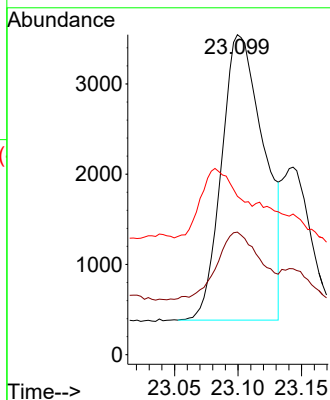
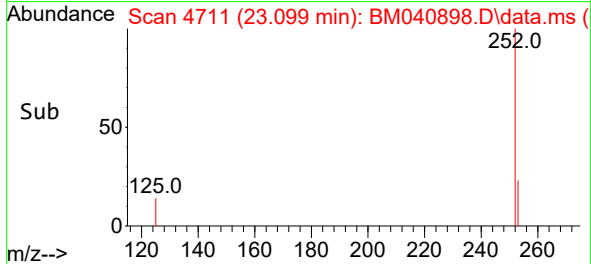
Instrument :
BNA_M
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Tgt Ion:252 Resp: 7340
Ion Ratio Lower Upper
252 100
253 38.3 0.0 52.8
125 49.5 0.0 43.0

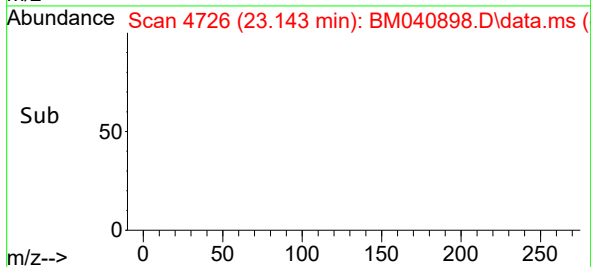
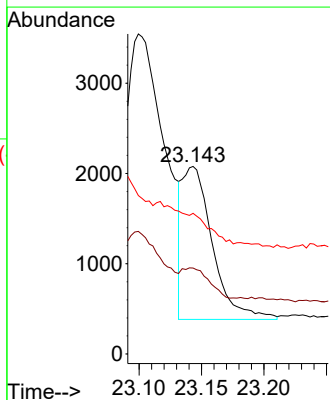
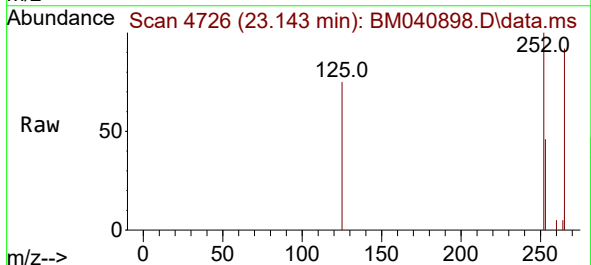
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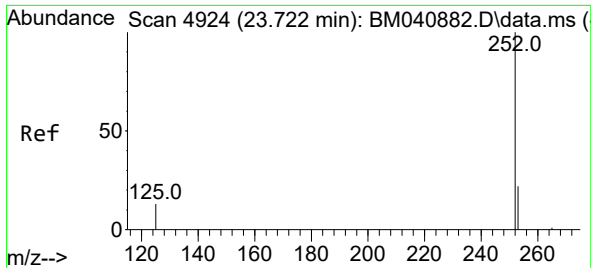
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

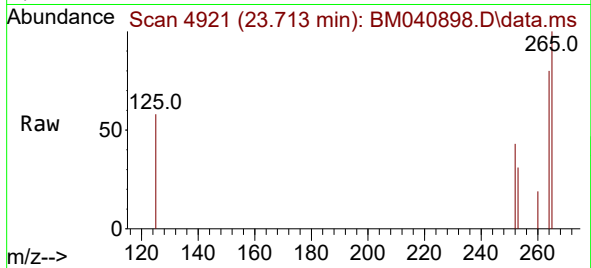
Tgt Ion:252 Resp: 2849
Ion Ratio Lower Upper
252 100
253 45.8 21.2 31.8#
125 75.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.713 min Scan# 4921
Delta R.T. -0.009 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06

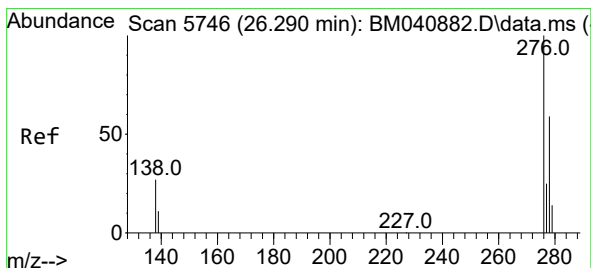
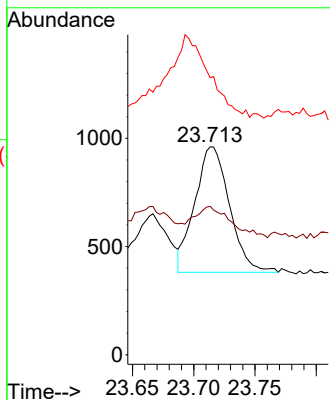
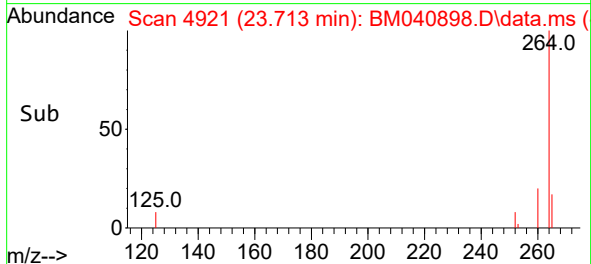
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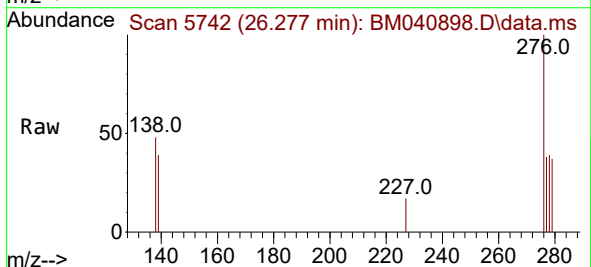
Tgt Ion:252 Resp: 1144
Ion Ratio Lower Upper
252 100
253 71.4 22.9 34.3#
125 133.2 21.0 31.4#

Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.014 min
Lab File: BM040898.D
Acq: 15 Jul 2023 03:06



Tgt Ion:276 Resp: 1867
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7#
227 1.0 0.1 0.1#

