

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040843.D
 Acq On : 12 Jul 2023 19:15
 Operator : MA/JU
 Sample : 03414-06RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G0RE

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:13:37 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	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	14969	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	7064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	11229	0.400	ng/ul	-0.01
17) Chrysene-d12	21.474	240	7072	0.400	ng/ul	0.00
23) Perylene-d12	23.857	264	5284	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	5884	0.964	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	1869	0.089	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	2304	0.102	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	6419	0.155	ng/ul	95
15) Phenanthrene	17.316	178	1499	0.043	ng/ul#	79
19) Fluoranthene	19.338	202	3703	0.123	ng/ul#	93
20) Pyrene	19.696	202	3360	0.104	ng/ul#	67
21) Benzo(a)anthracene	21.457	228	1212	0.051	ng/ul#	78
22) Chrysene	21.509	228	1506	0.055	ng/ul#	82
24) Benzo(b)fluoranthene	23.137	252	1913	0.094	ng/ul#	28
25) Benzo(k)fluoranthene	23.164	252	1125m	0.056	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.344	276	1016	0.040	ng/ul#	89

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

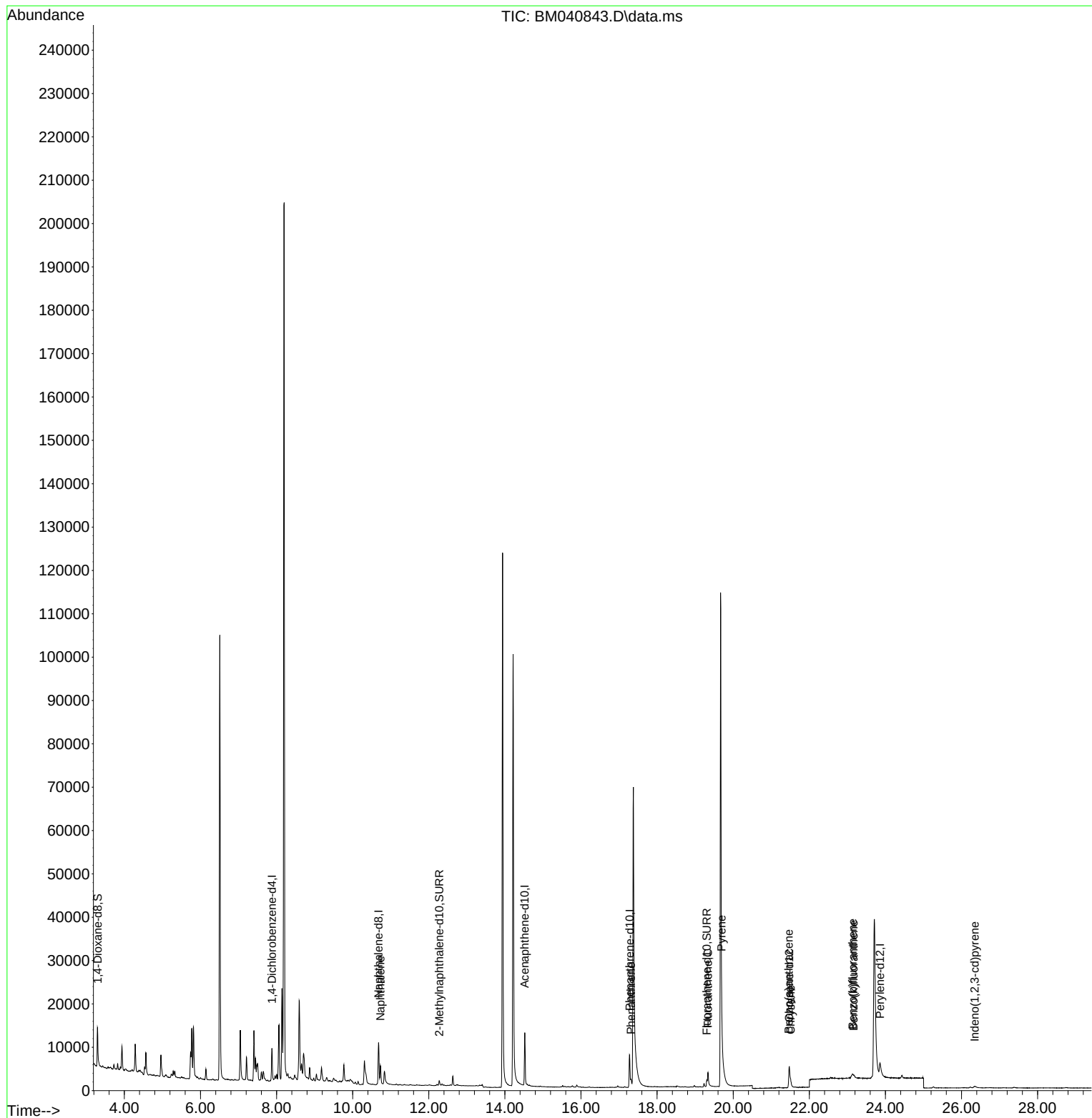
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040843.D
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ALS Vial : 14 Sample Multiplier: 1

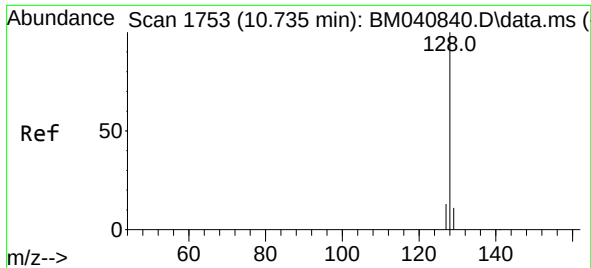
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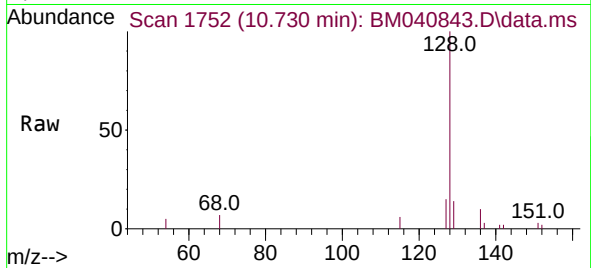
Quant Time: Jul 13 00:13:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 05:37:29 2023
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#5
Naphthalene
Concen: 0.155 ng/ul
RT: 10.730 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

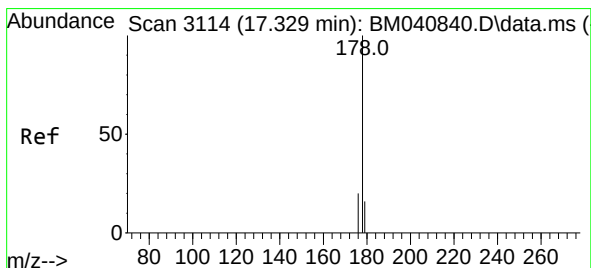
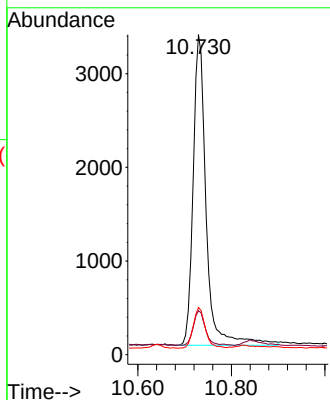
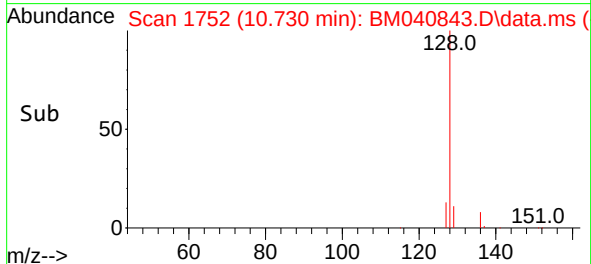
Instrument :
BNA_M
ClientSampleId :
A46G0RE



Tgt Ion:128 Resp: 6419
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.8 10.6 15.8

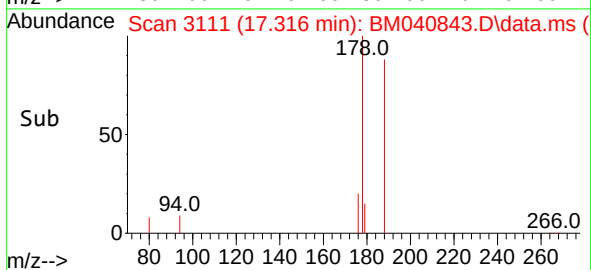
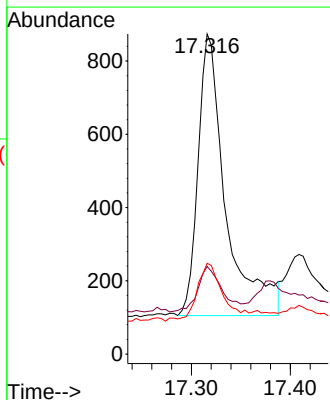
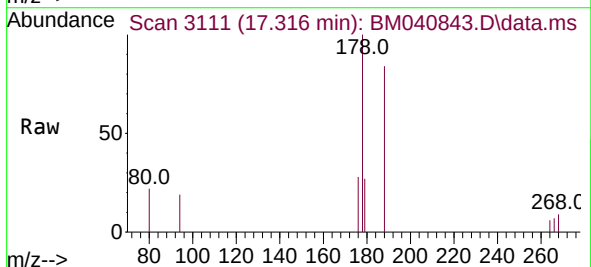
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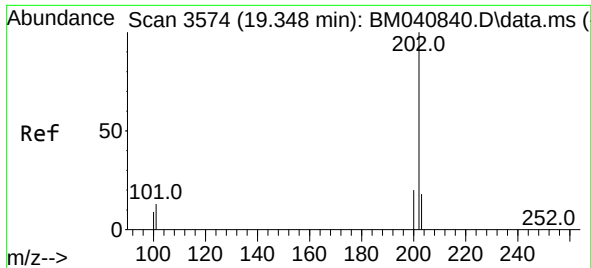
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Supervised By :mohammad ahmed 07/13/2023



#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM040843.D
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Tgt Ion:178 Resp: 1499
Ion Ratio Lower Upper
178 100
179 27.3 12.8 19.2#
176 28.4 16.4 24.6#





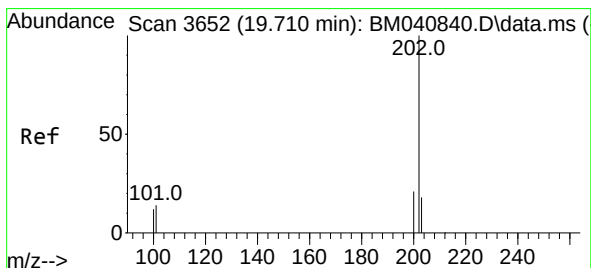
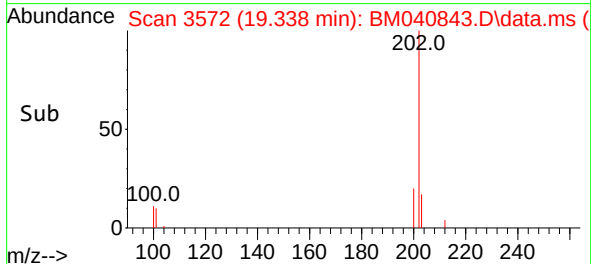
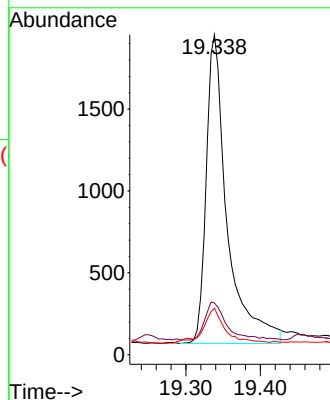
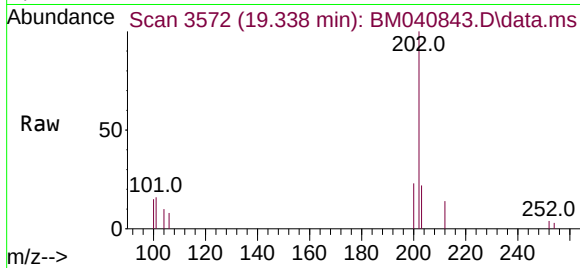
#19
Fluoranthene
Concen: 0.123 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

Instrument :
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Tgt Ion:202 Resp: 3700
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.0
100 14.5 8.7 13.1

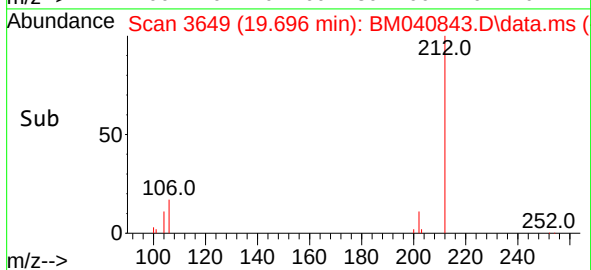
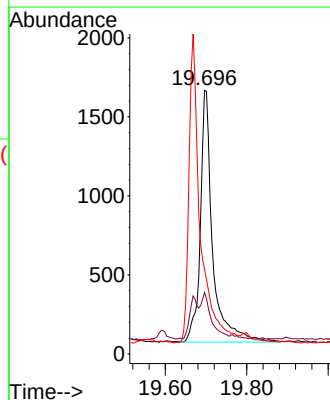
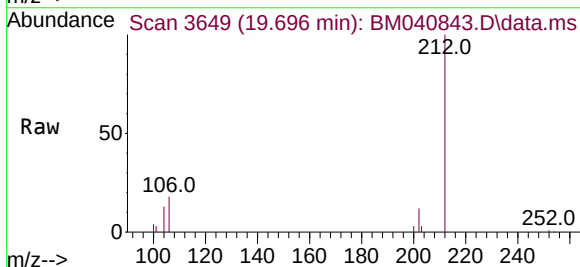
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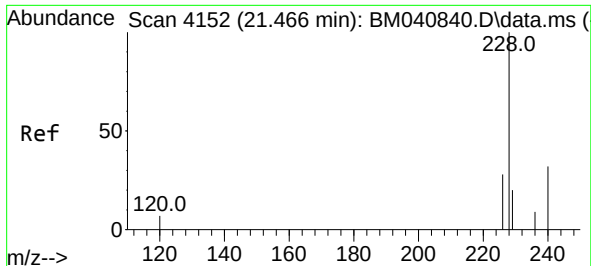
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.014 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

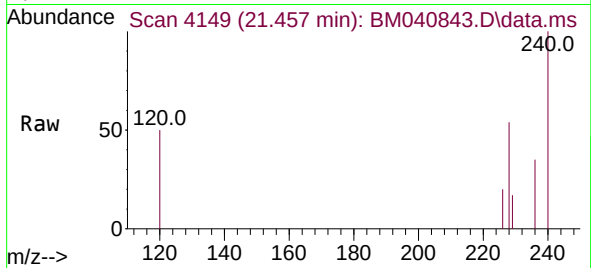
Tgt Ion:202 Resp: 3360
Ion Ratio Lower Upper
202 100
101 23.3 12.6 18.8#
100 32.3 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.051 ng/u1
RT: 21.457 min Scan# 4152
Delta R.T. -0.012 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

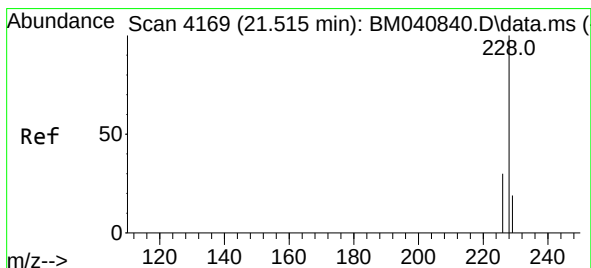
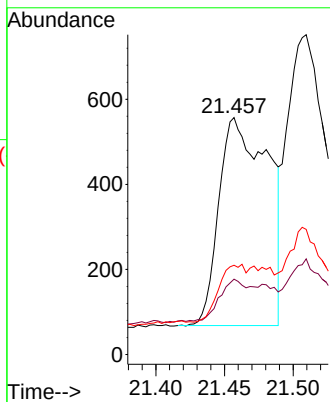
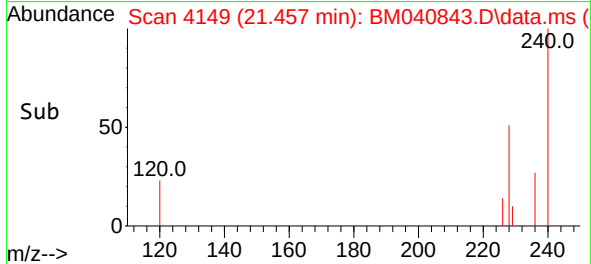
Instrument :
BNA_M
ClientSampleId :
A46G0RE



Tgt Ion:228 Resp: 121
Ion Ratio Lower Upper
228 100
229 31.8 16.0 24.0#
226 37.7 22.3 33.5#

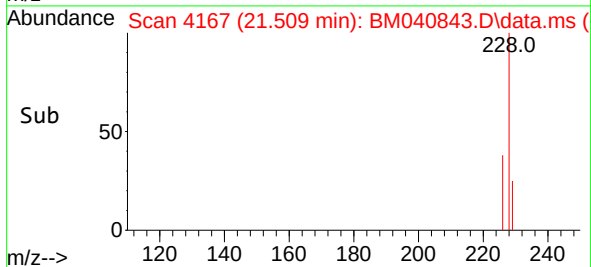
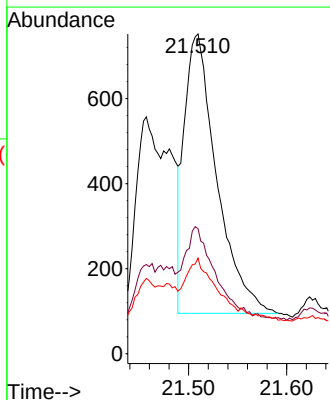
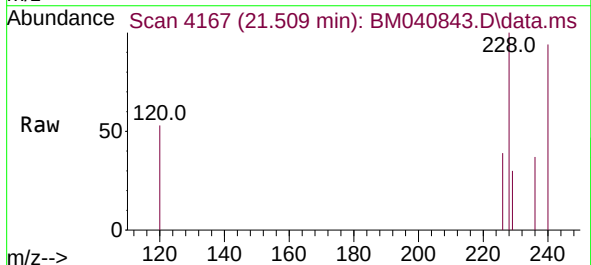
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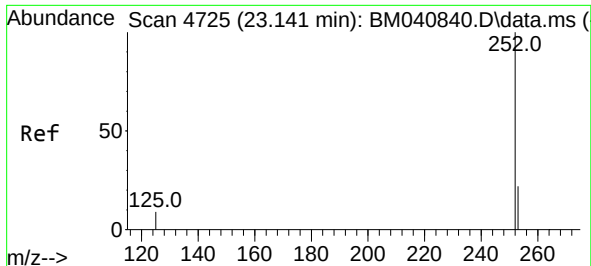
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#22
Chrysene
Concen: 0.055 ng/u1
RT: 21.509 min Scan# 4167
Delta R.T. -0.006 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

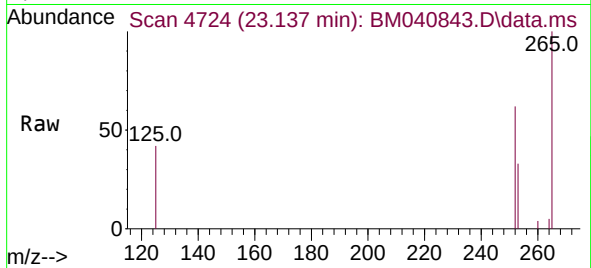
Tgt Ion:228 Resp: 1506
Ion Ratio Lower Upper
228 100
226 39.1 24.9 37.3#
229 29.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.094 ng/ul
RT: 23.137 min Scan# 4724
Delta R.T. -0.006 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

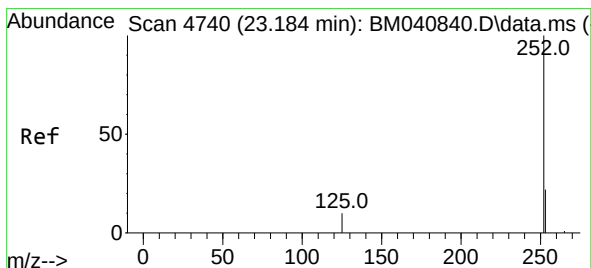
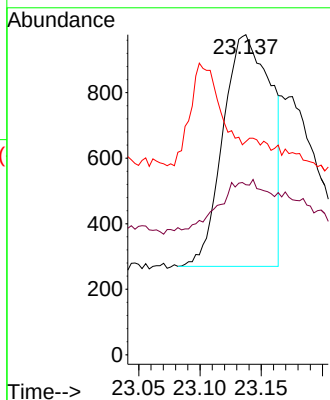
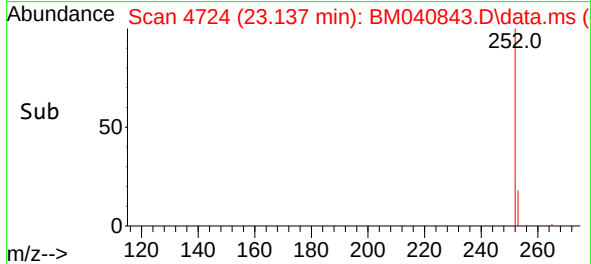
Instrument :
BNA_M
ClientSampleId :
A46G0RE



Tgt Ion:252 Resp: 191
Ion Ratio Lower Upper
252 100
253 53.1 0.0 52.8
125 66.6 0.0 43.0

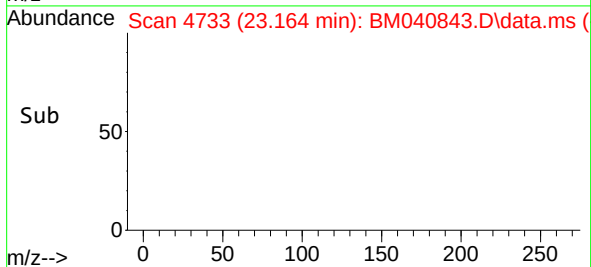
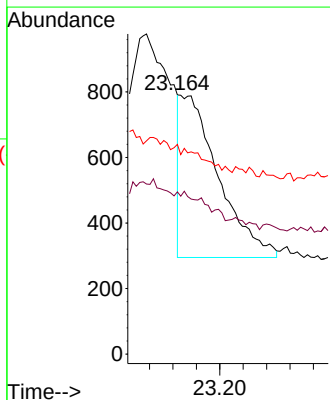
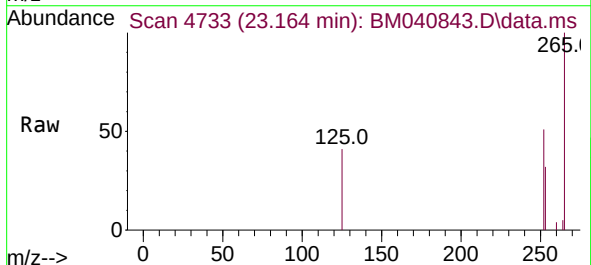
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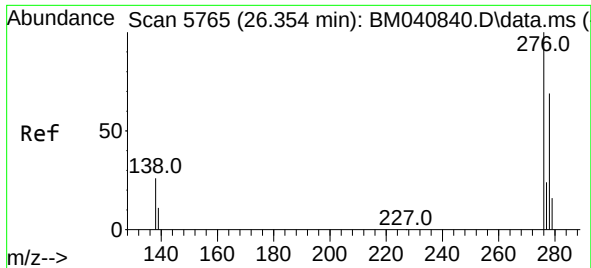
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM040843.D
Acq: 12 Jul 2023 19:15

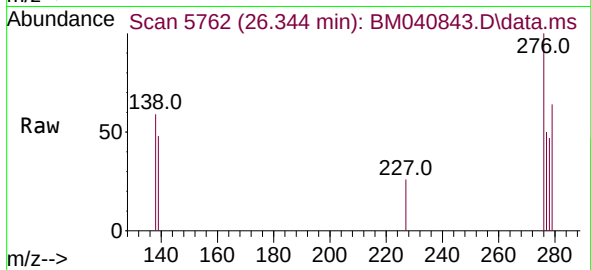
Tgt Ion:252 Resp: 1125
Ion Ratio Lower Upper
252 100
253 62.6 21.2 31.8#
125 80.9 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.040 ng/ul
 RT: 26.344 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040843.D
 Acq: 12 Jul 2023 19:15

Instrument :
 BNA_M
 ClientSampleId :
 A46G0RE



Tgt Ion: 276 Resp: 1010
 Ion Ratio Lower Upper
 276 100
 138 24.6 24.5 36.7
 227 0.4 0.1 0.1

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