

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
 Data File : BM040842.D
 Acq On : 12 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03414-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46F5

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:13:28 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	4570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.680	136	16897	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.523	164	7830	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	12801	0.400	ng/ul	-0.02
17) Chrysene-d12	21.469	240	8046	0.400	ng/ul	-0.01
23) Perylene-d12	23.857	264	5770	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	7533	1.049	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	5969	0.252	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	7709	0.299	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.730	128	6851	0.147	ng/ul	96
15) Phenanthrene	17.316	178	3419	0.086	ng/ul#	93
19) Fluoranthene	19.334	202	8791	0.257	ng/ul	98
20) Pyrene	19.696	202	7377	0.201	ng/ul#	88
21) Benzo(a)anthracene	21.454	228	2798	0.103	ng/ul#	89
22) Chrysene	21.504	228	3272	0.105	ng/ul	95
24) Benzo(b)fluoranthene	23.135	252	4044	0.181	ng/ul#	65
25) Benzo(k)fluoranthene	23.164	252	2761m	0.125	ng/ul	
26) Benzo(a)pyrene	23.752	252	1839	0.091	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.337	276	1862	0.066	ng/ul#	75

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

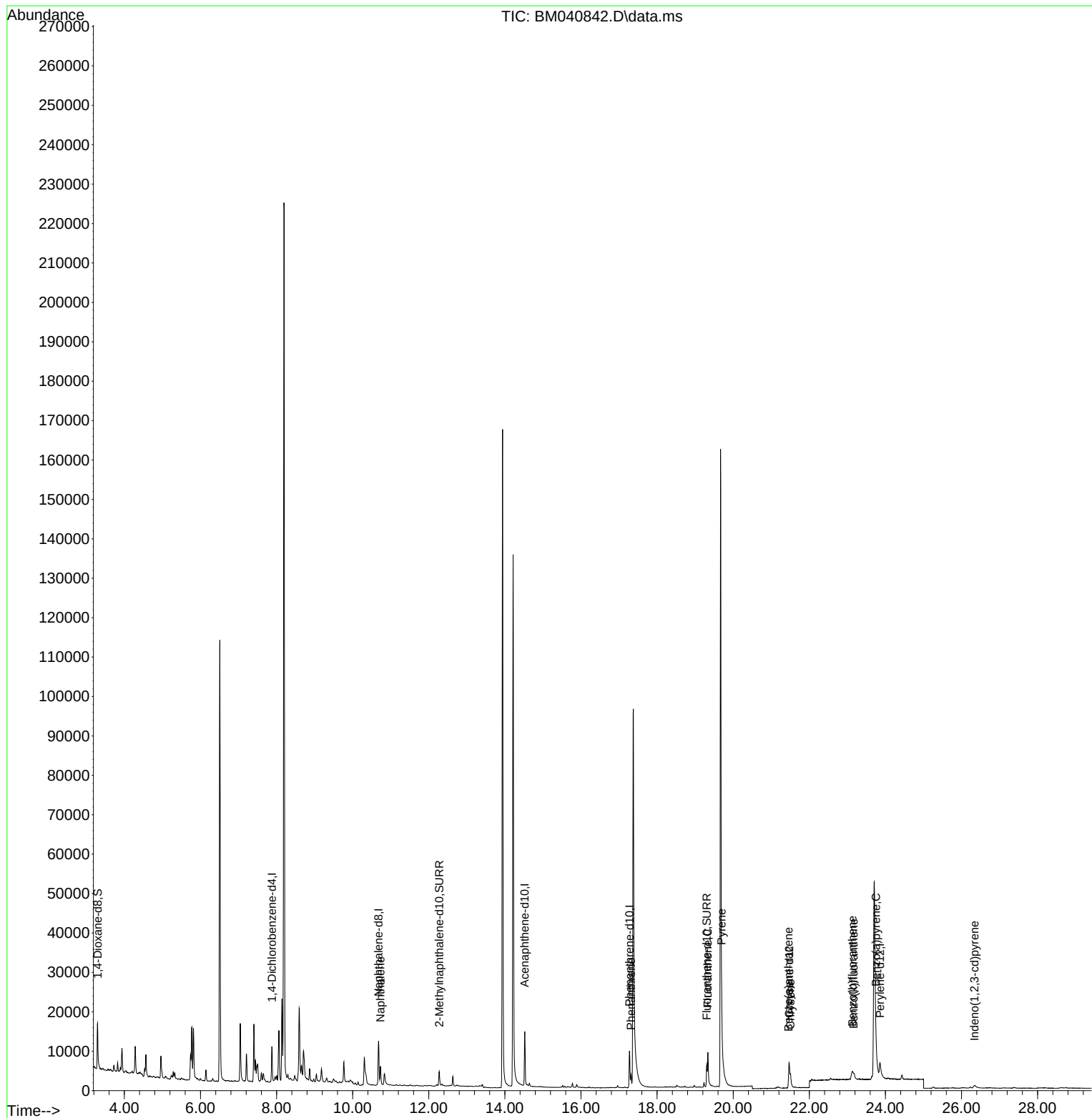
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
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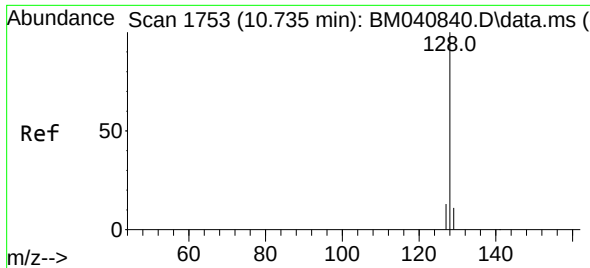
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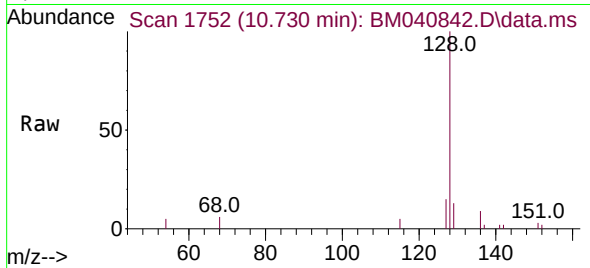
Quant Time: Jul 13 00:13:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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#5
Naphthalene
Concen: 0.147 ng/ul
RT: 10.730 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

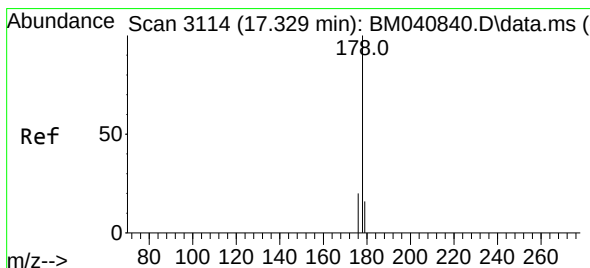
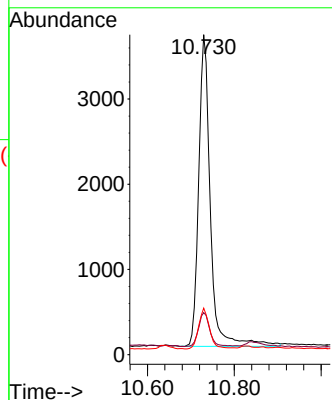
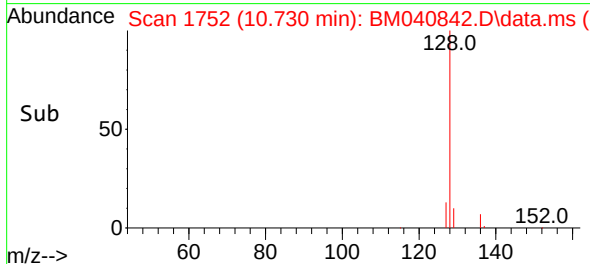
Instrument :
BNA_M
ClientSampleId :
A46F5



Tgt Ion:128 Resp: 685
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.5 10.6 15.8

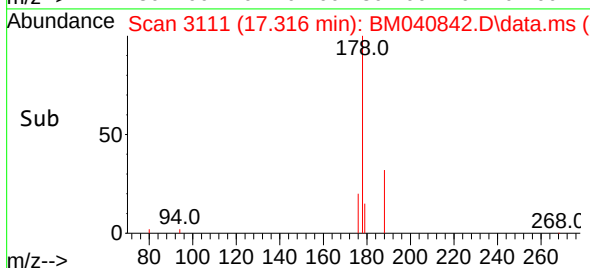
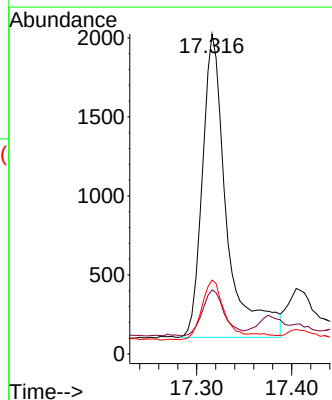
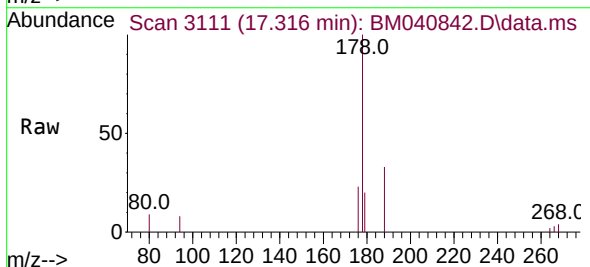
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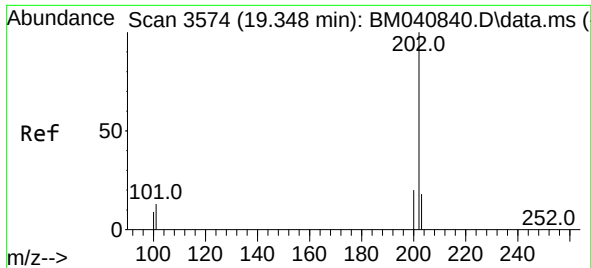
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#15
Phenanthrene
Concen: 0.086 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.017 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

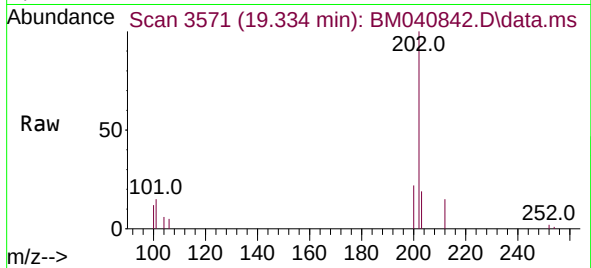
Tgt Ion:178 Resp: 3419
Ion Ratio Lower Upper
178 100
179 20.0 12.8 19.2#
176 23.1 16.4 24.6





#19
Fluoranthene
Concen: 0.257 ng/ul
RT: 19.334 min Scan# 3574
Delta R.T. -0.019 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

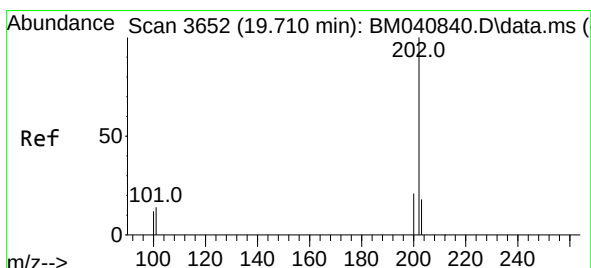
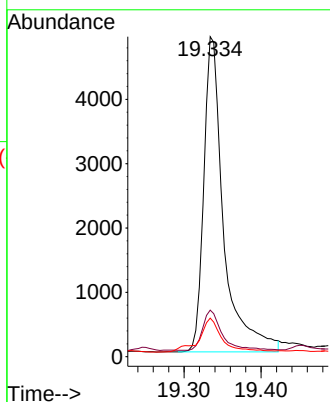
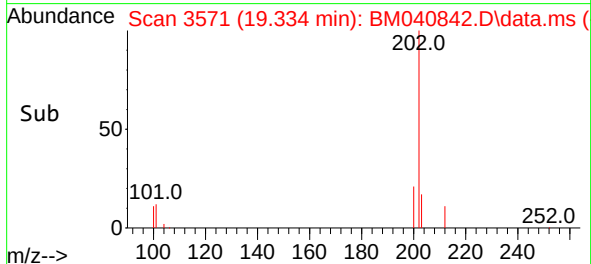
Instrument :
BNA_M
ClientSampleId :
A46F5



Tgt Ion:202 Resp: 8791
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 12.1 8.7 13.1

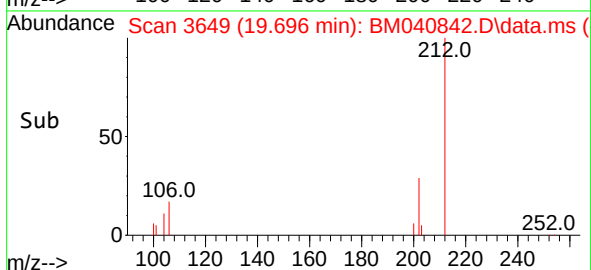
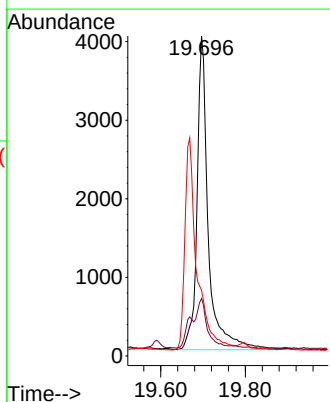
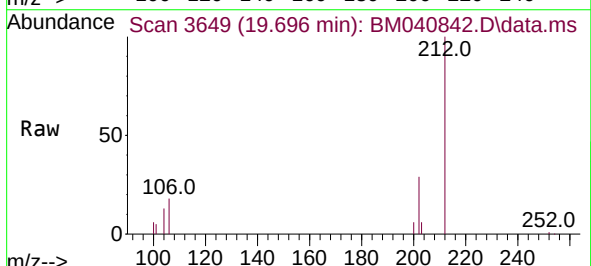
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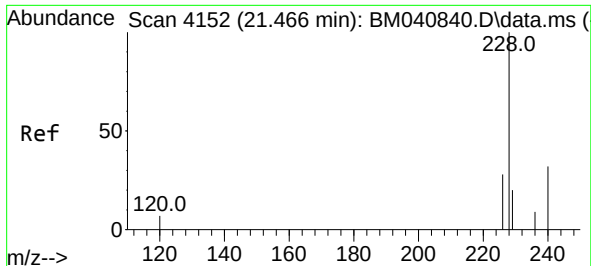
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023



#20
Pyrene
Concen: 0.201 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.014 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

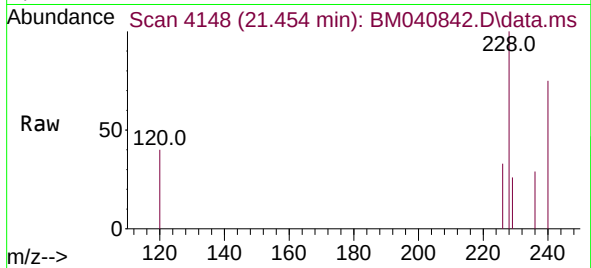
Tgt Ion:202 Resp: 7377
Ion Ratio Lower Upper
202 100
101 18.0 12.6 18.8
100 20.6 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.103 ng/u1
RT: 21.454 min Scan# 4152
Delta R.T. -0.015 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

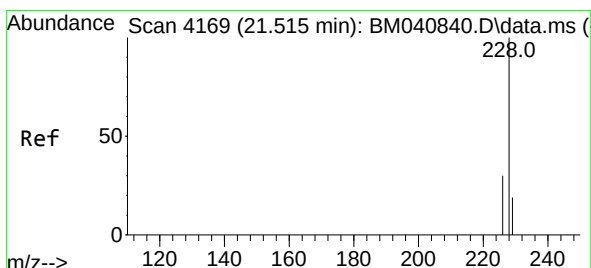
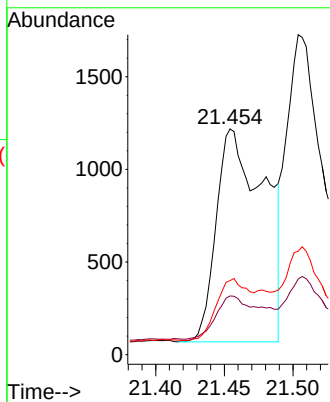
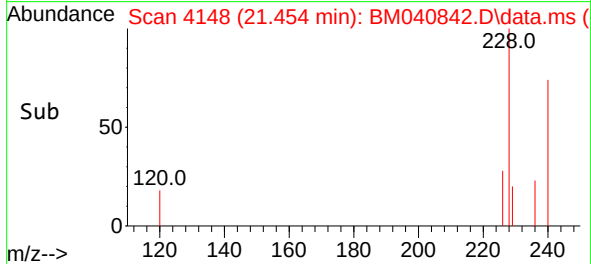
Instrument :
BNA_M
ClientSampleId :
A46F5



Tgt Ion:228 Resp: 2798
Ion Ratio Lower Upper
228 100
229 26.0 16.0 24.0
226 32.8 22.3 33.5

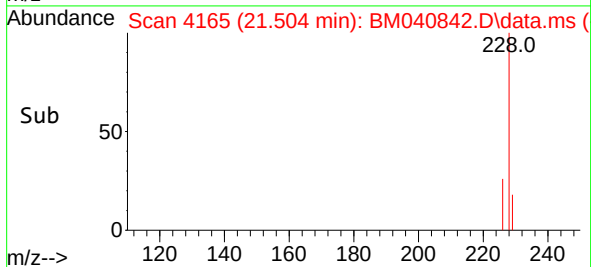
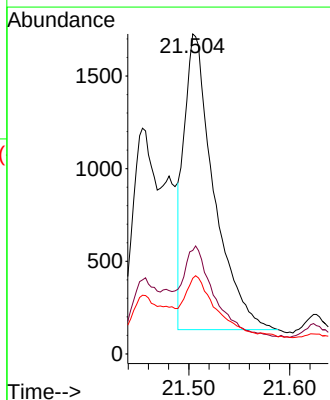
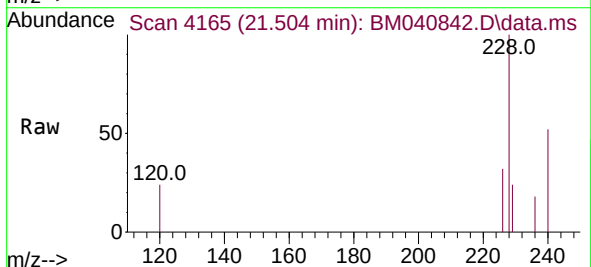
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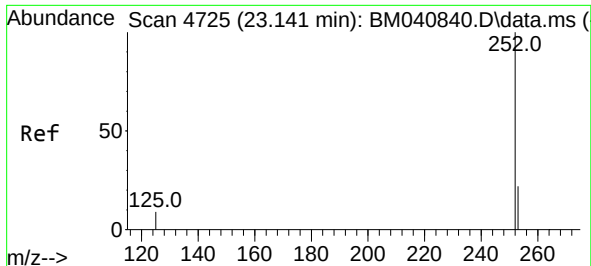
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#22
Chrysene
Concen: 0.105 ng/u1
RT: 21.504 min Scan# 4165
Delta R.T. -0.012 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

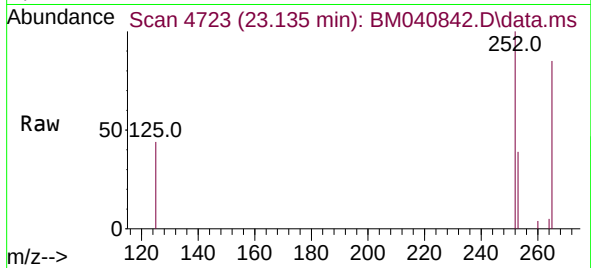
Tgt Ion:228 Resp: 3272
Ion Ratio Lower Upper
228 100
226 32.4 24.9 37.3
229 23.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.009 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

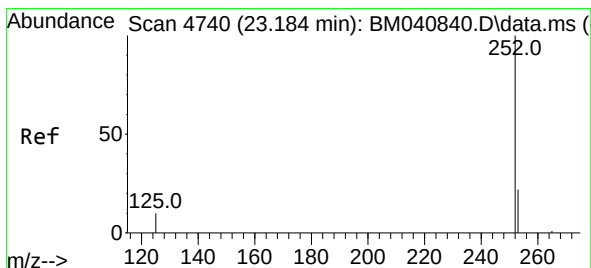
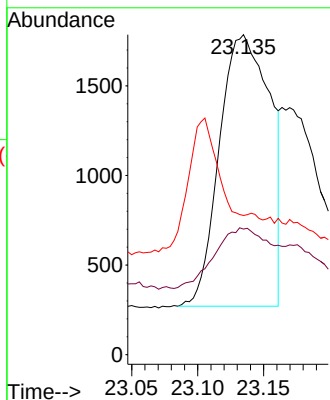
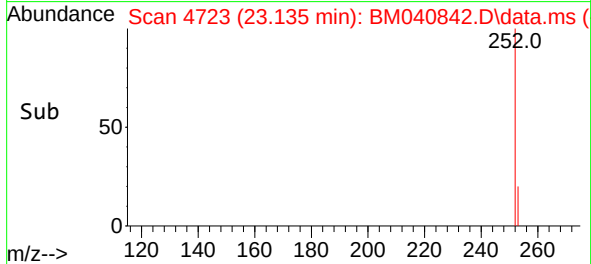
Instrument :
BNA_M
ClientSampleId :
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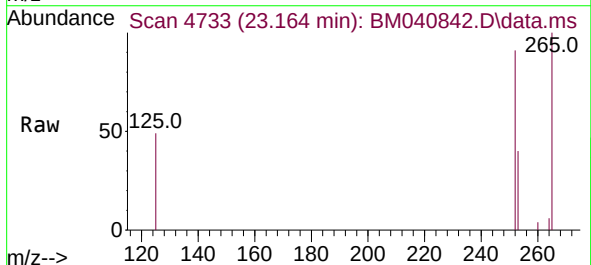
Tgt Ion:252 Resp: 404
Ion Ratio Lower Upper
252 100
253 39.2 0.0 52.8
125 43.5 0.0 43.0

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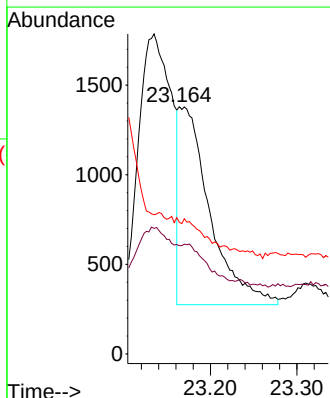
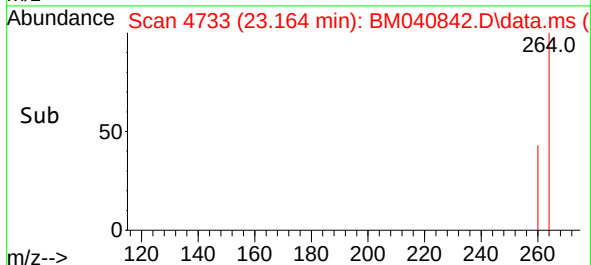
Reviewed By :Yogesh Patel 07/13/2023
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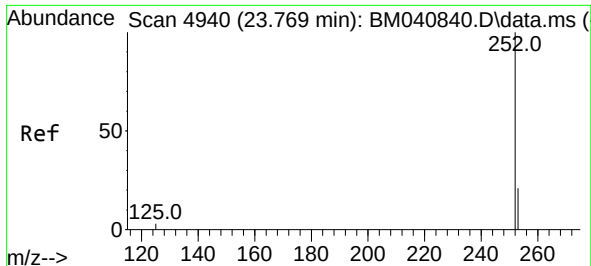


#25
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37



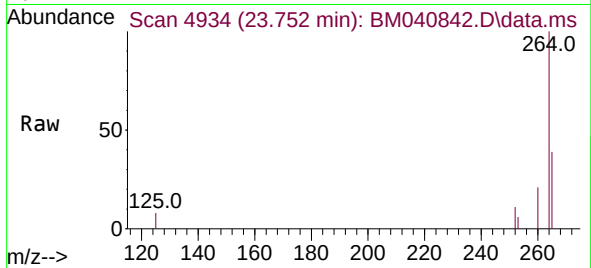
Tgt Ion:252 Resp: 2761
Ion Ratio Lower Upper
252 100
253 43.8 21.2 31.8#
125 53.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 23.752 min Scan# 4934
Delta R.T. -0.020 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

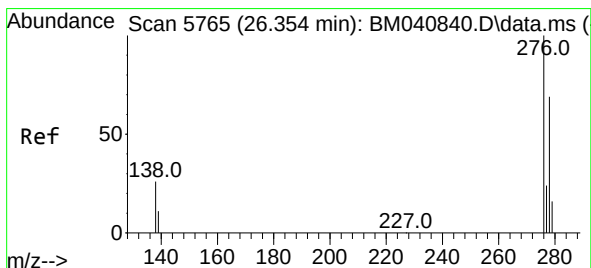
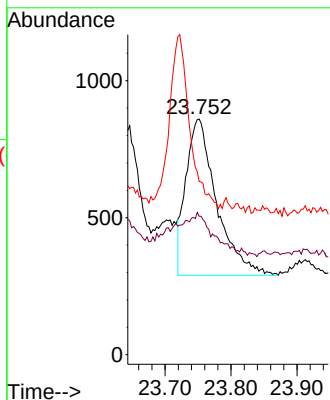
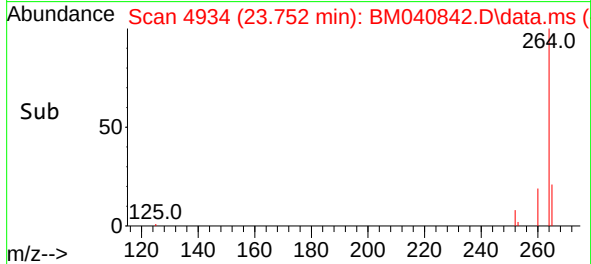
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Tgt Ion:252 Resp: 1839
Ion Ratio Lower Upper
252 100
253 58.7 22.9 34.3#
125 73.5 21.0 31.4#

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.066 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.027 min
Lab File: BM040842.D
Acq: 12 Jul 2023 18:37

Tgt Ion:276 Resp: 1862
Ion Ratio Lower Upper
276 100
138 17.1 24.5 36.7#
227 0.4 0.1 0.1#

