

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040902.D
 Acq On : 15 Jul 2023 06:11
 Operator : MA/JU
 Sample : 03437-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K9

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 06:50:42 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	3772	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12068	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	9423	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7185	0.400	ng/ul #	0.00
23) Perylene-d12	23.822	264	7967	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	35220	5.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	4887	0.289	ng/ul	-0.01
18) Fluoranthene-d10	19.287	212	7111	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	13259	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.324	142	605	0.031	ng/ul	97
15) Phenanthrene	17.295	178	1468	0.050	ng/ul#	86
19) Fluoranthene	19.315	202	3233	0.106	ng/ul	95
20) Pyrene	19.678	202	2802	0.086	ng/ul#	87
21) Benzo(a)anthracene	21.431	228	1250	0.051	ng/ul#	86
22) Chrysene	21.483	228	1483	0.053	ng/ul#	89
24) Benzo(b)fluoranthene	23.102	252	1718	0.056	ng/ul#	19
25) Benzo(k)fluoranthene	23.146	252	786m	0.026	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.277	276	867	0.022	ng/ul#	89

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

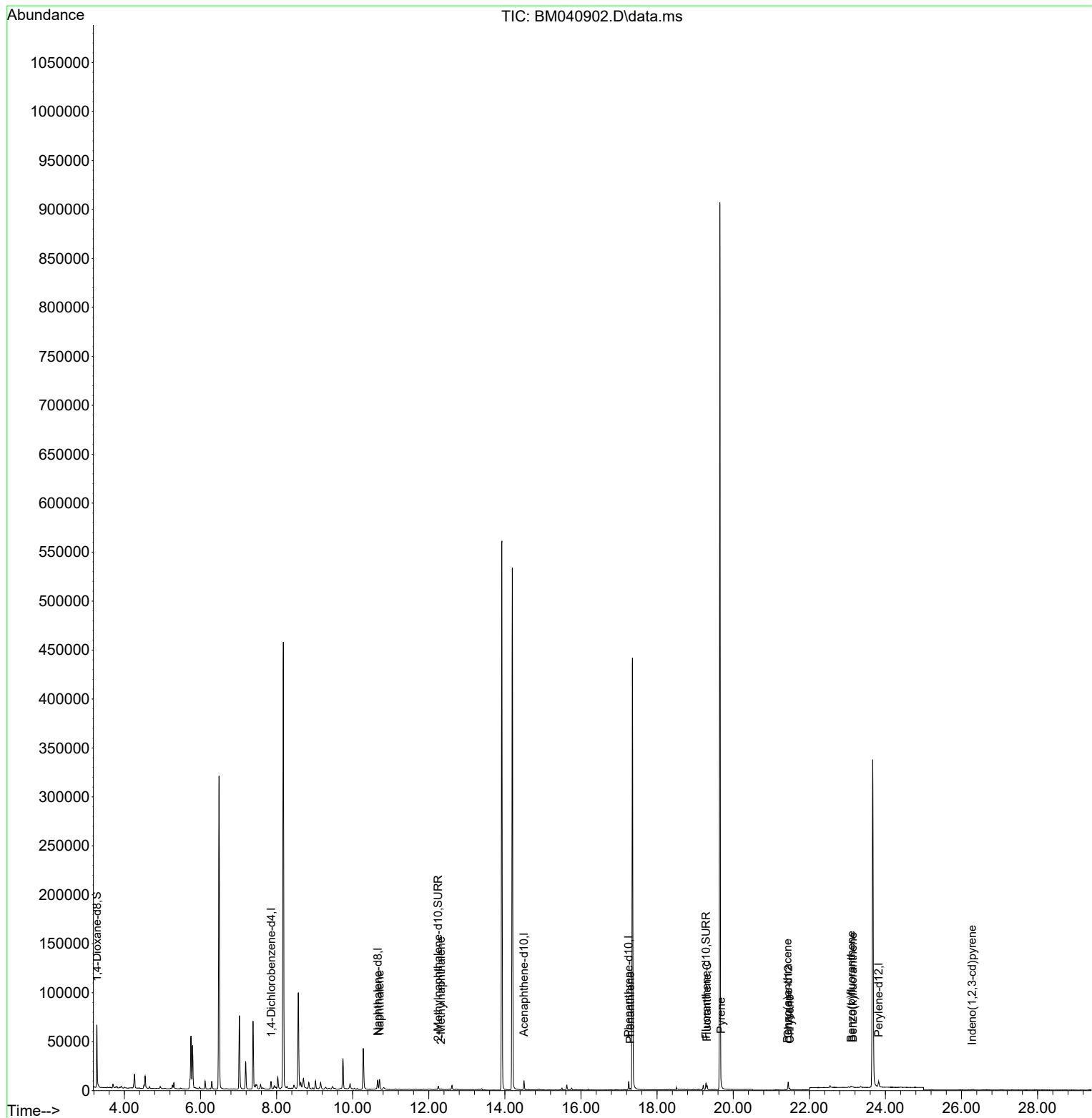
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040902.D
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ALS Vial : 34 Sample Multiplier: 1

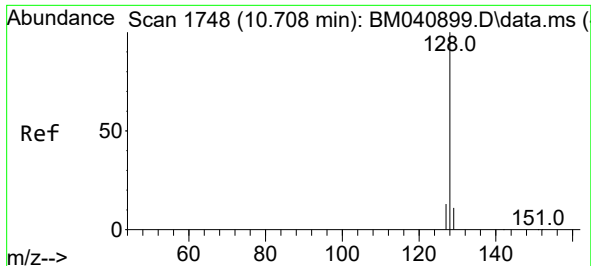
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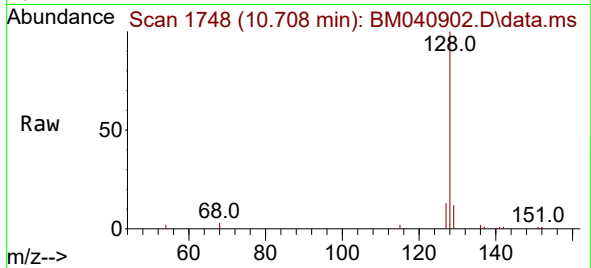
Quant Time: Jul 15 06:50:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.708 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

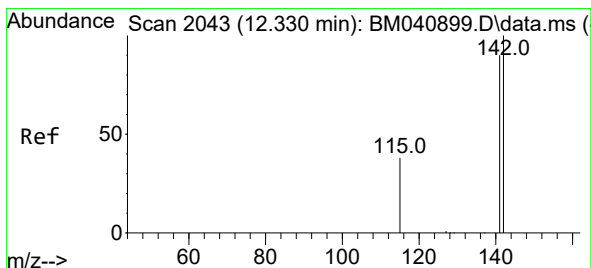
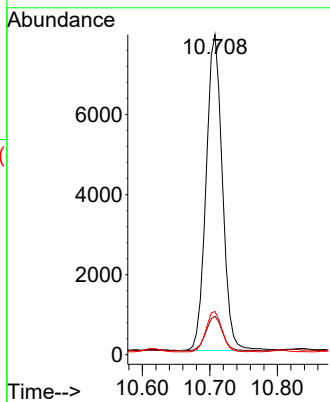
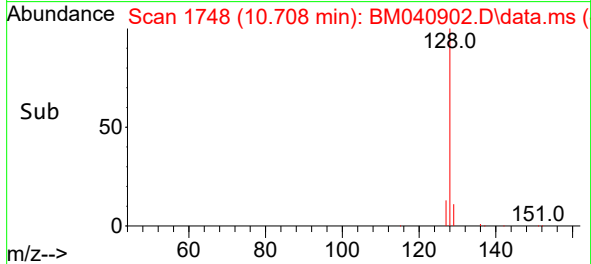
Instrument :
BNA_M
ClientSampleId :
A46K9



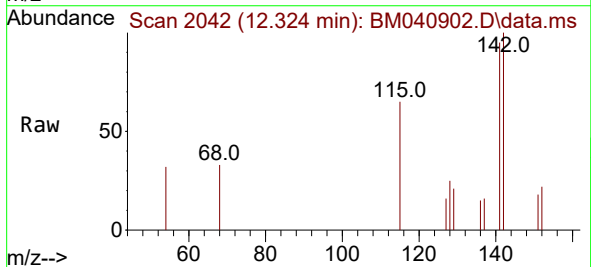
Tgt Ion:128 Resp: 1325
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

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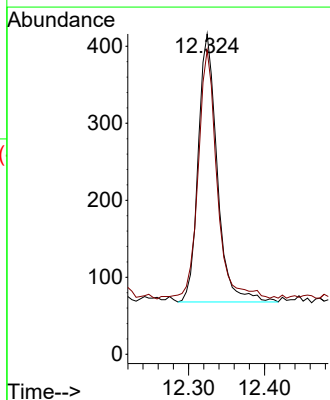
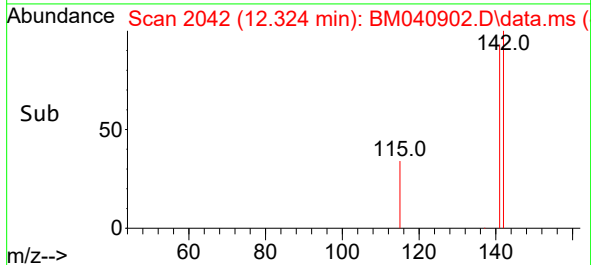
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

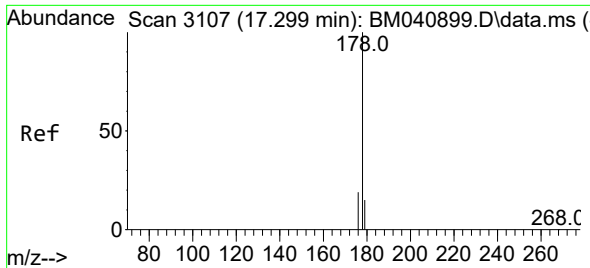


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11



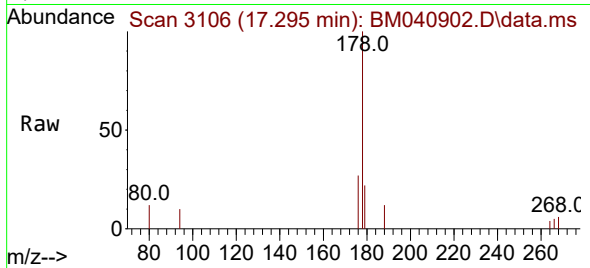
Tgt Ion:142 Resp: 605
Ion Ratio Lower Upper
142 100
141 92.7 71.9 107.9





#15
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.295 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

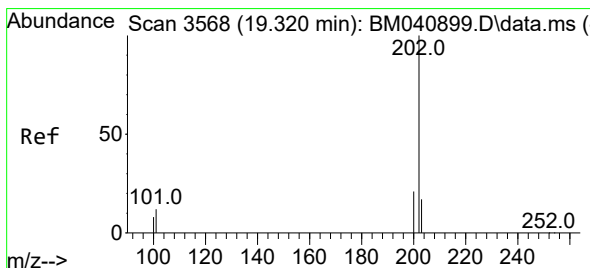
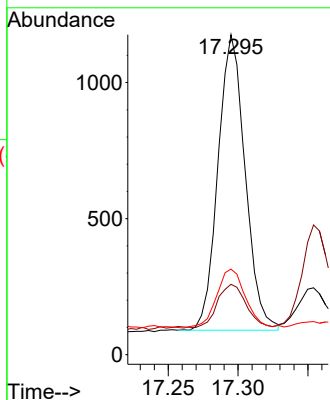
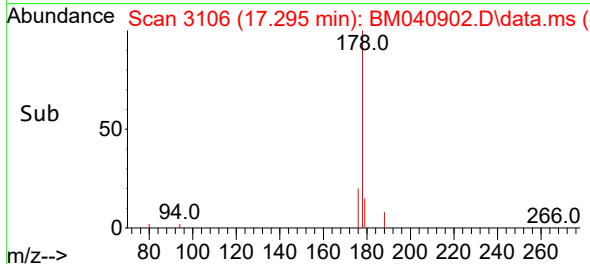
Instrument :
BNA_M
ClientSampleId :
A46K9



Tgt Ion:178 Resp: 1468
Ion Ratio Lower Upper
178 100
179 22.0 12.8 19.2
176 26.8 16.4 24.6

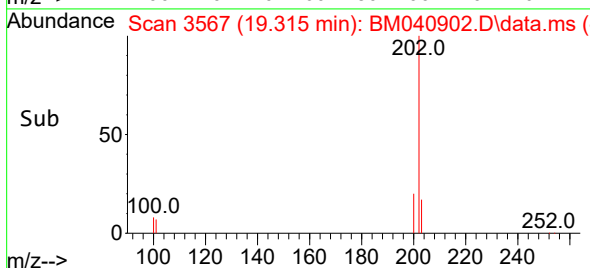
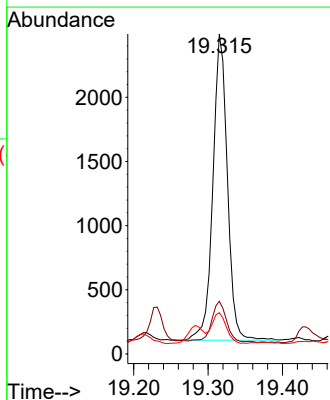
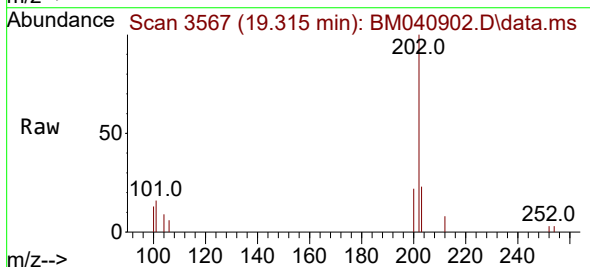
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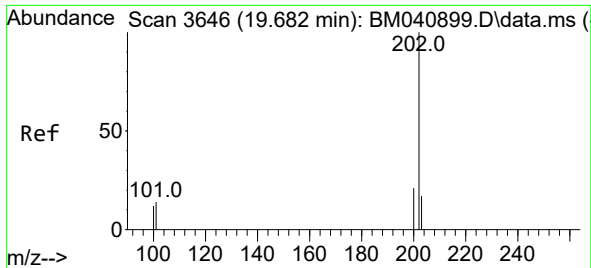
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#19
Fluoranthene
Concen: 0.106 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

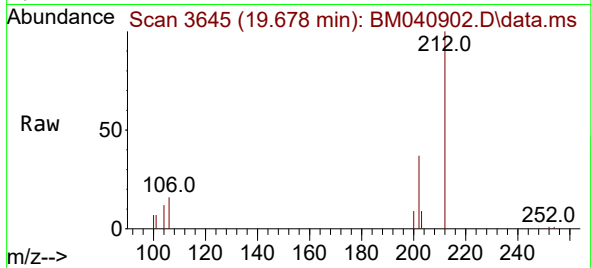
Tgt Ion:202 Resp: 3233
Ion Ratio Lower Upper
202 100
101 16.4 11.4 17.0
100 12.9 8.7 13.1





#20
Pyrene
Concen: 0.086 ng/ul
RT: 19.678 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

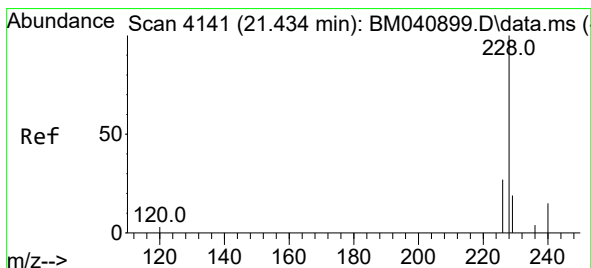
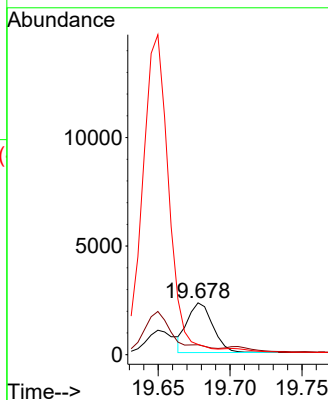
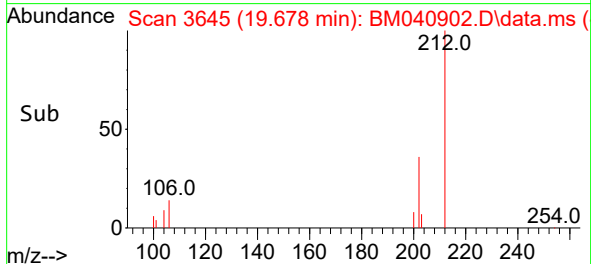
Instrument :
BNA_M
ClientSampleId :
A46K9



Tgt Ion:202 Resp: 280
Ion Ratio Lower Upper
202 100
101 19.0 12.6 18.8
100 19.7 9.8 14.6

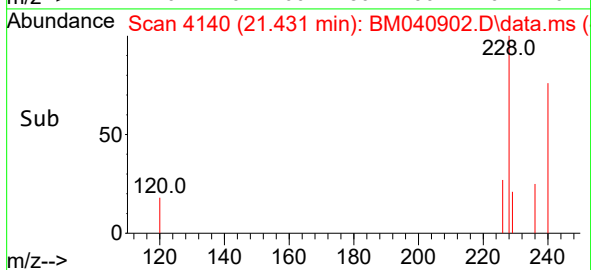
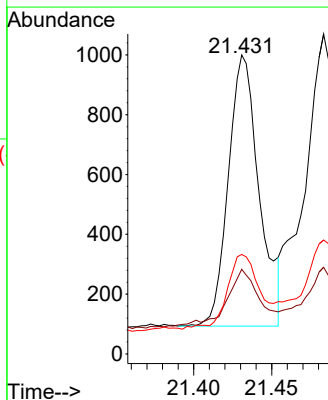
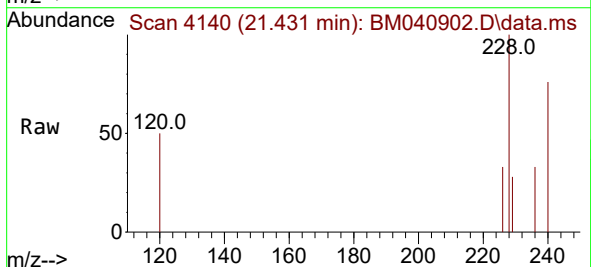
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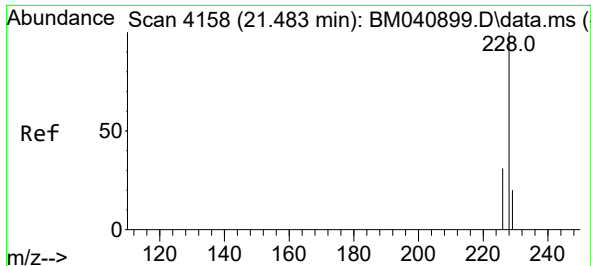
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#21
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.431 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

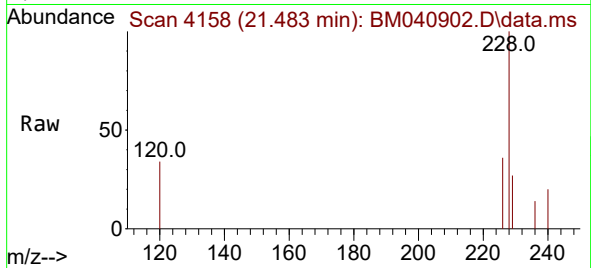
Tgt Ion:228 Resp: 1250
Ion Ratio Lower Upper
228 100
229 28.3 16.0 24.0#
226 33.3 22.3 33.5





#22
Chrysene
Concen: 0.053 ng/u1
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

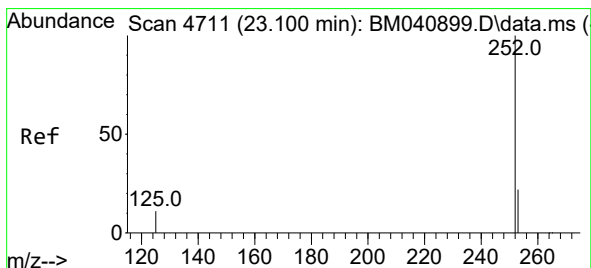
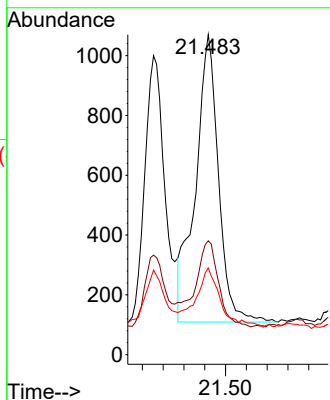
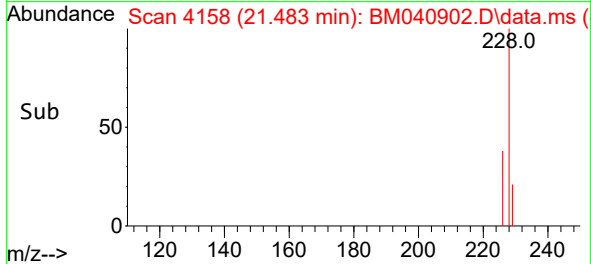
Instrument :
BNA_M
ClientSampleId :
A46K9



Tgt Ion:228 Resp: 1483
Ion Ratio Lower Upper
228 100
226 35.6 24.9 37.3
229 27.1 15.8 23.6

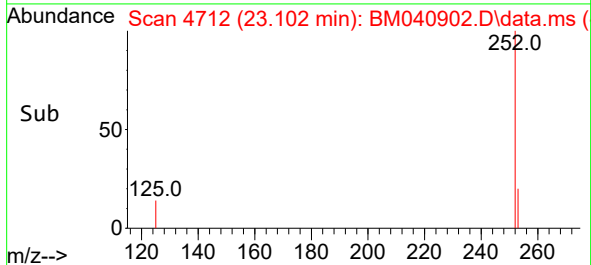
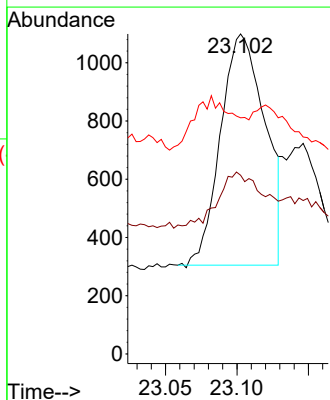
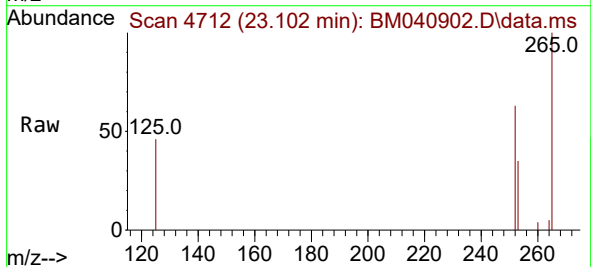
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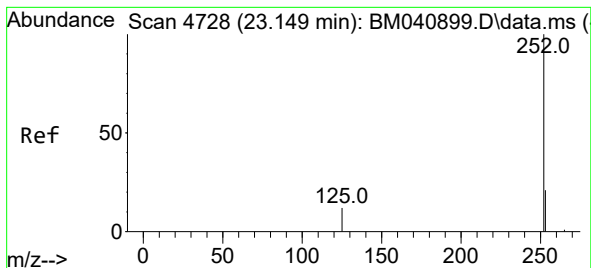
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#24
Benzo(b)fluoranthene
Concen: 0.056 ng/u1
RT: 23.102 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

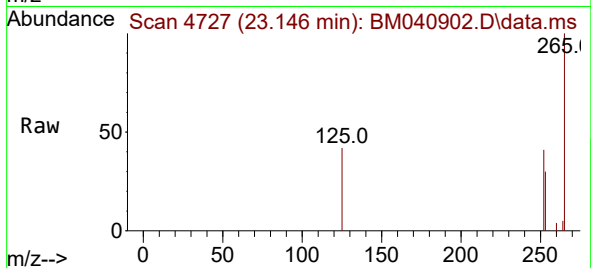
Tgt Ion:252 Resp: 1718
Ion Ratio Lower Upper
252 100
253 55.9 0.0 52.8#
125 73.8 0.0 43.0#





#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.146 min Scan# 4728
Delta R.T. -0.003 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

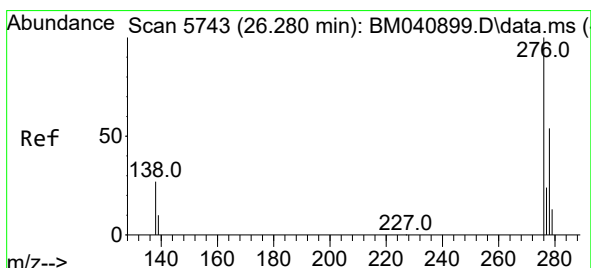
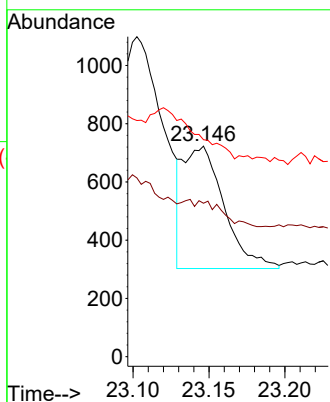
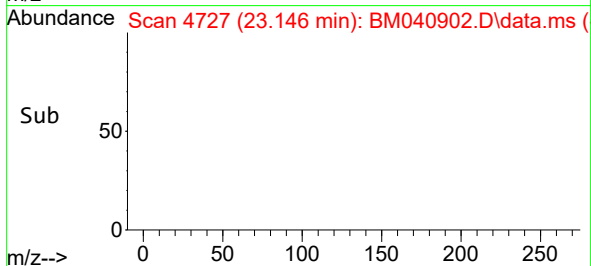
Instrument :
BNA_M
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Tgt Ion:252 Resp: 780
Ion Ratio Lower Upper
252 100
253 72.9 21.2 31.8
125 103.0 16.4 24.6

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.277 min Scan# 5742
Delta R.T. -0.013 min
Lab File: BM040902.D
Acq: 15 Jul 2023 06:11

Tgt Ion:276 Resp: 867
Ion Ratio Lower Upper
276 100
138 24.8 24.5 36.7
227 0.3 0.1 0.1

