

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040895.D
 Acq On : 15 Jul 2023 01:14
 Operator : MA/JU
 Sample : 03437-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G7

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 04:01:04 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	3837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	12215	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	5349	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9767	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7408	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	8388	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	42193	7.000	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	6373	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	9522	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.708	128	14294	0.424	ng/ul	98
7) 2-Methylnaphthalene	12.324	142	722	0.036	ng/ul	94
15) Phenanthrene	17.299	178	6007	0.198	ng/ul	98
16) Anthracene	17.388	178	742	0.029	ng/ul#	68
19) Fluoranthene	19.315	202	16892	0.537	ng/ul	100
20) Pyrene	19.682	202	13337m	0.395	ng/ul	
21) Benzo(a)anthracene	21.431	228	5322	0.212	ng/ul	96
22) Chrysene	21.483	228	8214	0.287	ng/ul	97
24) Benzo(b)fluoranthene	23.102	252	11195	0.345	ng/ul	90
25) Benzo(k)fluoranthene	23.146	252	4053m	0.127	ng/ul	
26) Benzo(a)pyrene	23.716	252	3255	0.111	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.280	276	5150	0.126	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.297	278	1223	0.038	ng/ul#	31

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

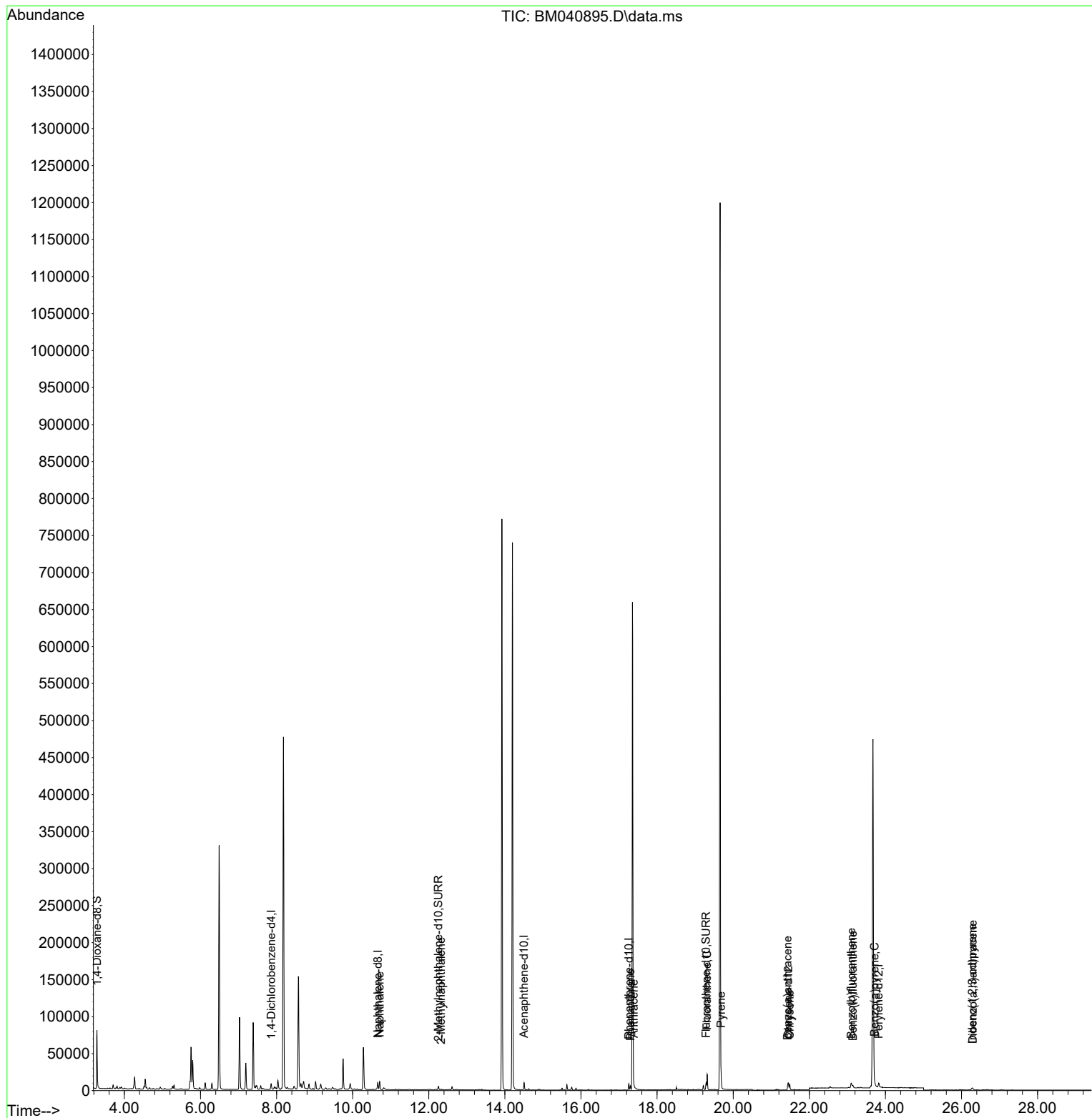
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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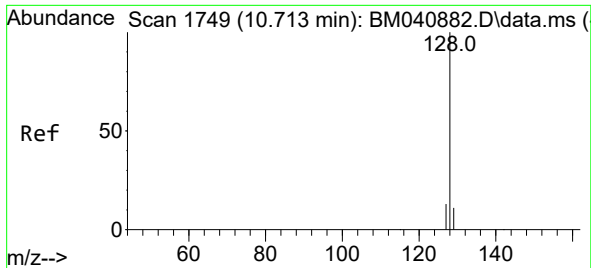
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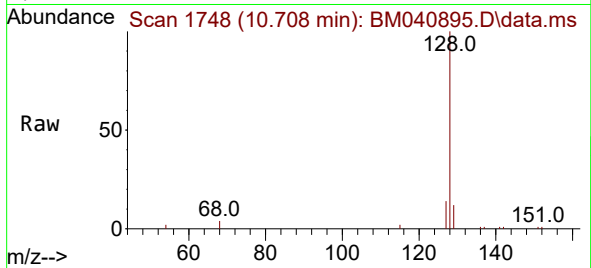
Quant Time: Jul 15 04:01:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.424 ng/ul
RT: 10.708 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

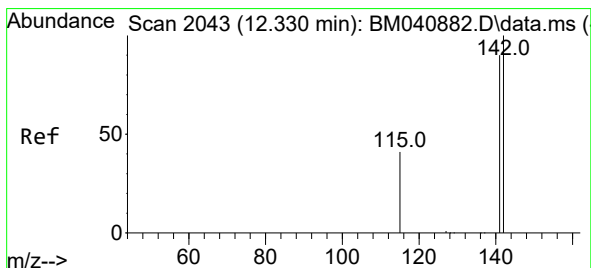
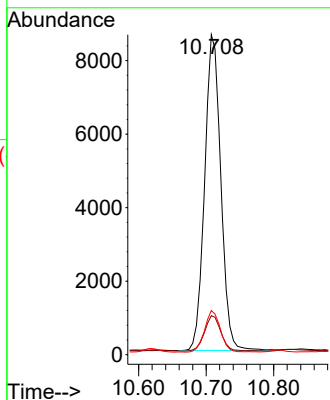
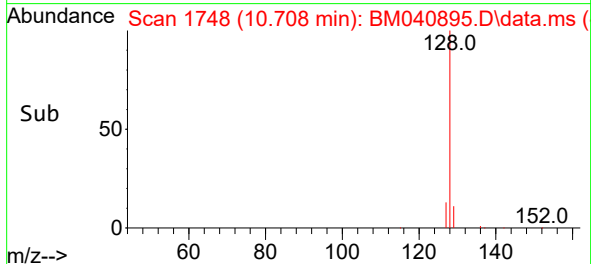
Instrument :
BNA_M
ClientSampleId :
A46G7



Tgt Ion:128 Resp: 14294
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.8 10.6 15.8

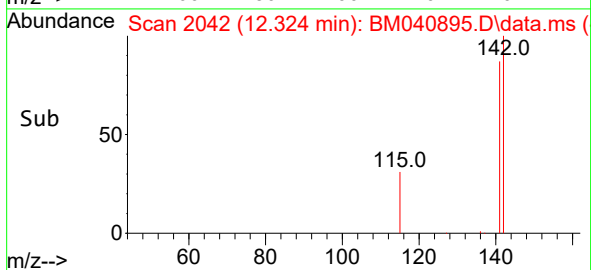
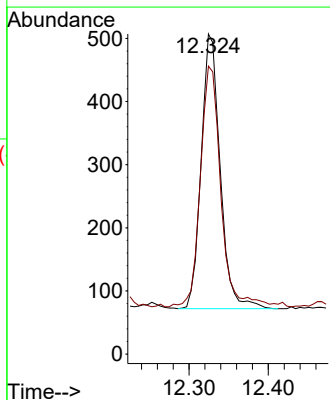
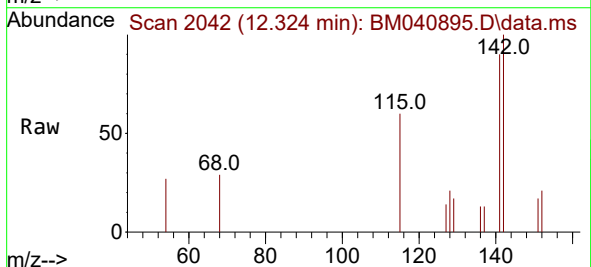
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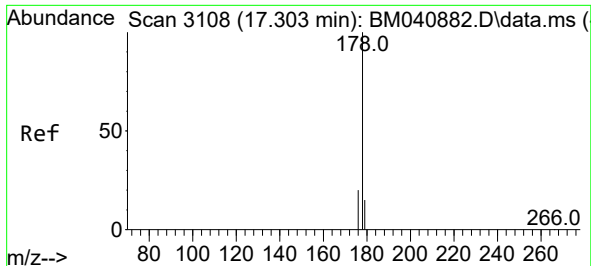
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

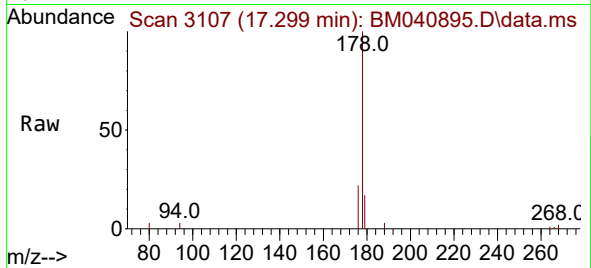
Tgt Ion:142 Resp: 722
Ion Ratio Lower Upper
142 100
141 95.3 71.9 107.9





#15
Phenanthrene
Concen: 0.198 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

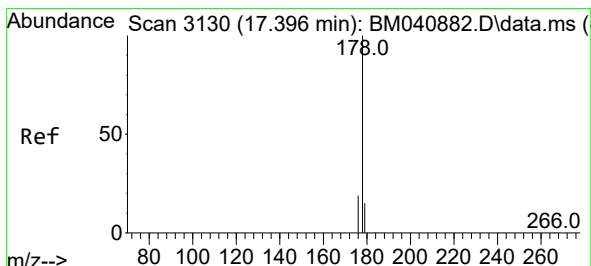
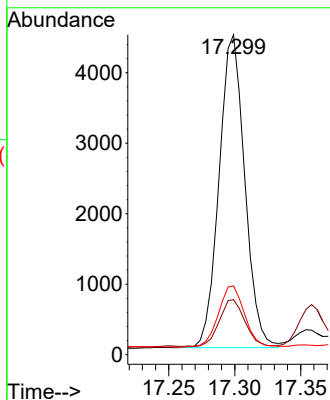
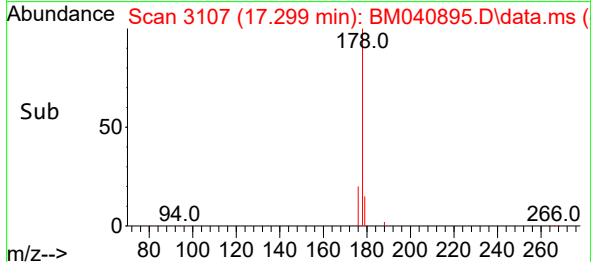
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Tgt Ion:178 Resp: 600
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.5 16.4 24.6

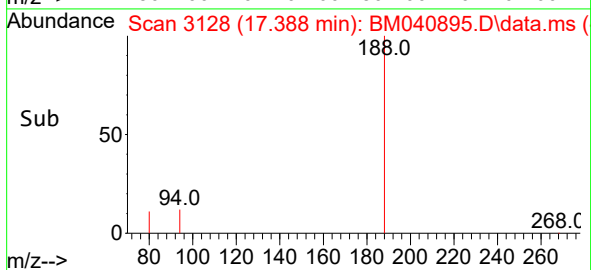
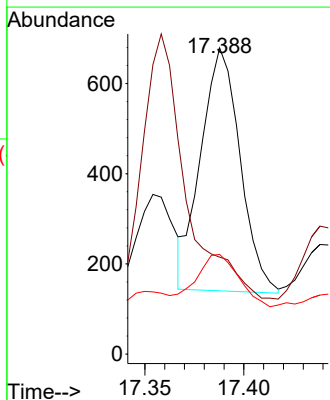
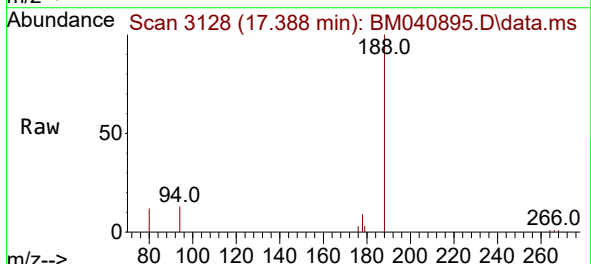
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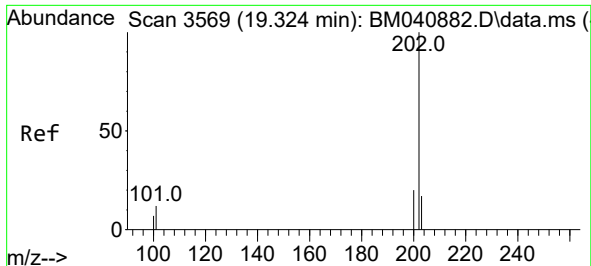
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Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.388 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

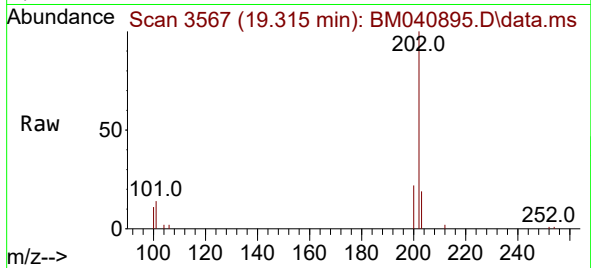
Tgt Ion:178 Resp: 742
Ion Ratio Lower Upper
178 100
179 31.7 12.9 19.3#
176 32.5 15.8 23.6#





#19
Fluoranthene
Concen: 0.537 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

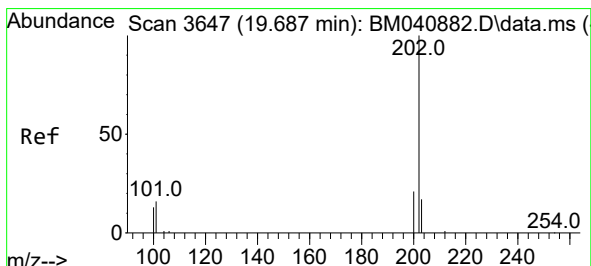
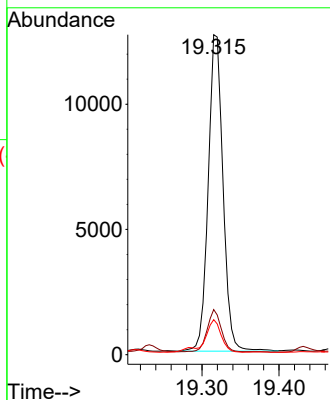
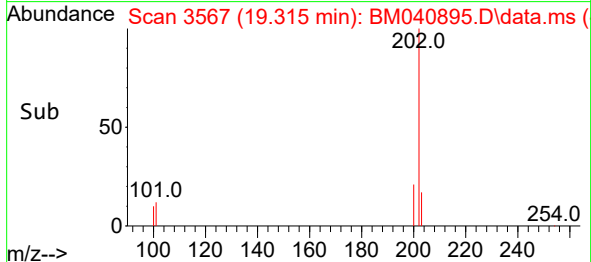
Instrument :
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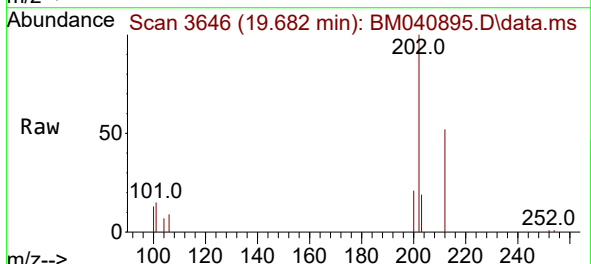
Tgt Ion:202 Resp: 16892
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.0 8.7 13.1

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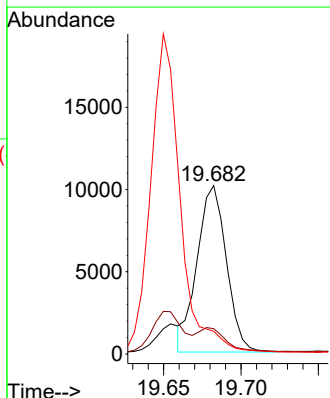
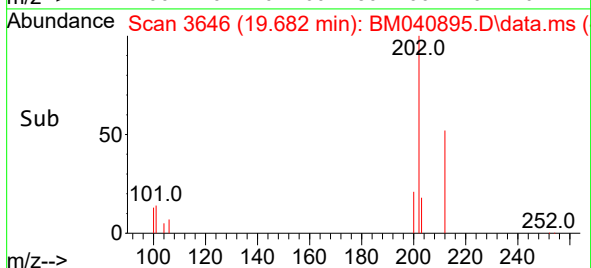
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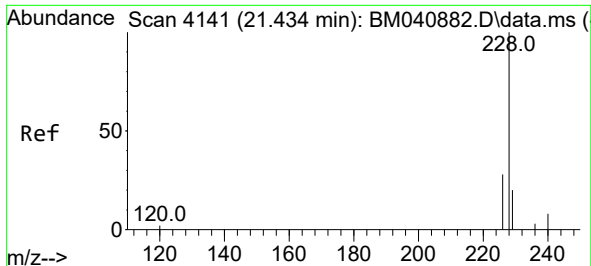


#20
Pyrene
Concen: 0.395 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14



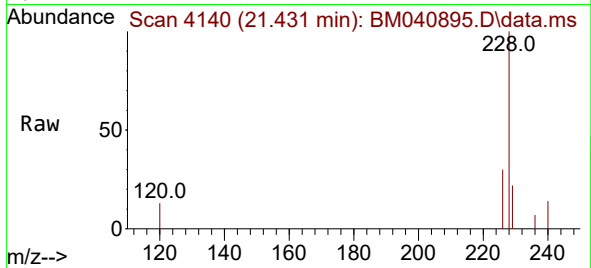
Tgt Ion:202 Resp: 13337
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 13.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.431 min Scan# 4141
Delta R.T. -0.003 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

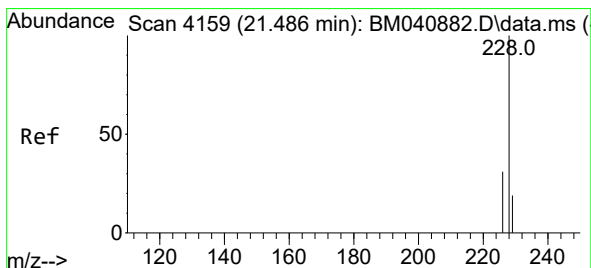
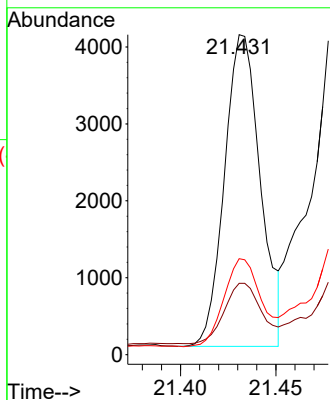
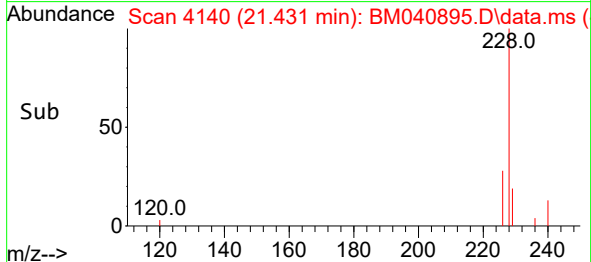
Instrument :
BNA_M
ClientSampleId :
A46G7



Tgt Ion:228 Resp: 532
Ion Ratio Lower Upper
228 100
229 22.3 16.0 24.0
226 30.0 22.3 33.5

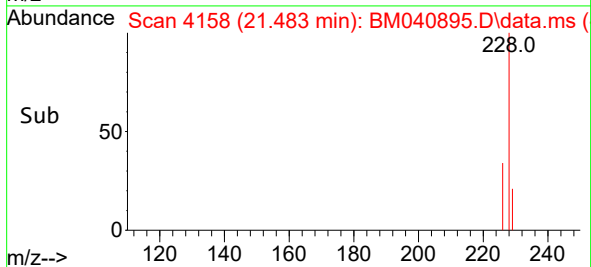
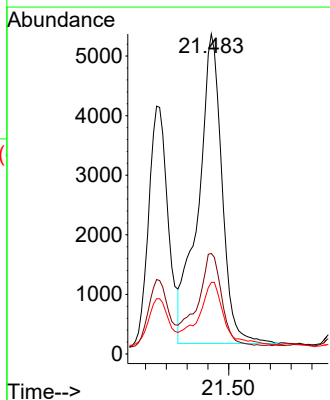
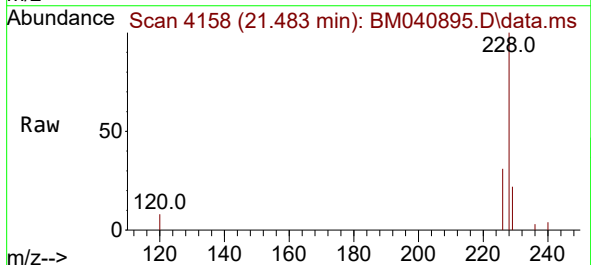
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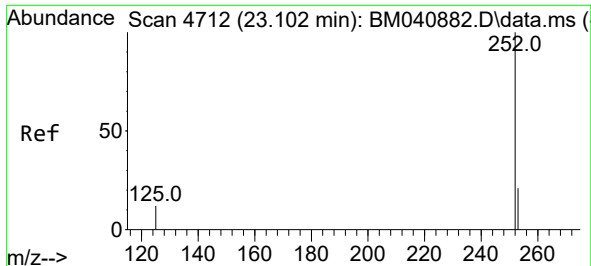
Reviewed By :Jagrut Upadhyay 07/15/2023
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#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

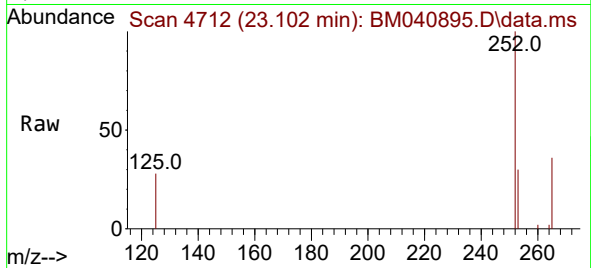
Tgt Ion:228 Resp: 8214
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 23.102 min Scan# 4712
Delta R.T. 0.000 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

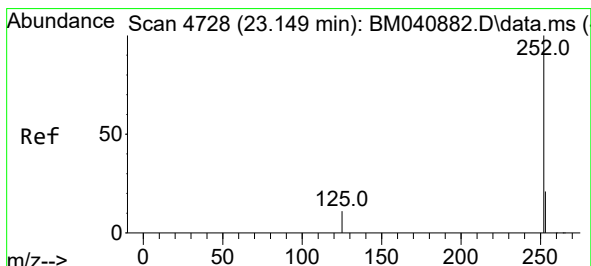
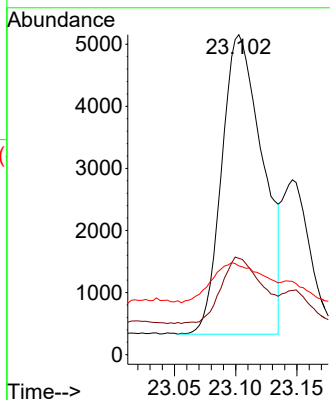
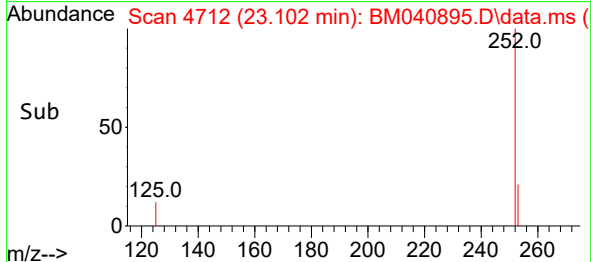
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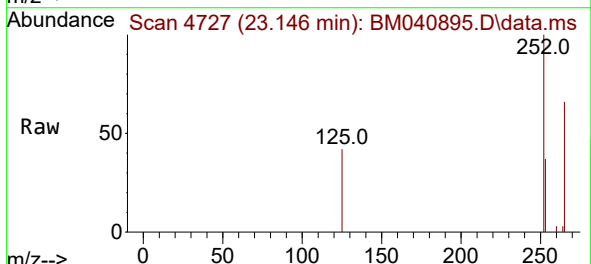
Tgt Ion:252 Resp: 1119
Ion Ratio Lower Upper
252 100
253 30.1 0.0 52.8
125 27.7 0.0 43.0

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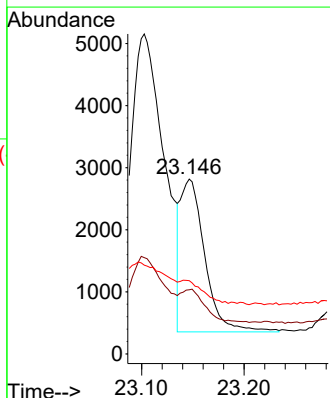
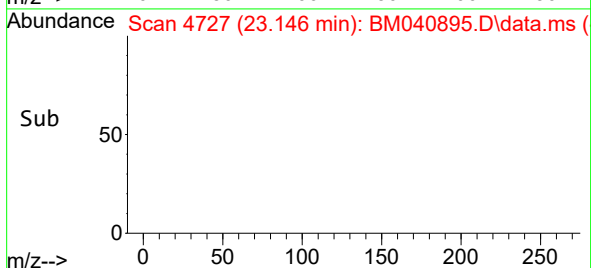
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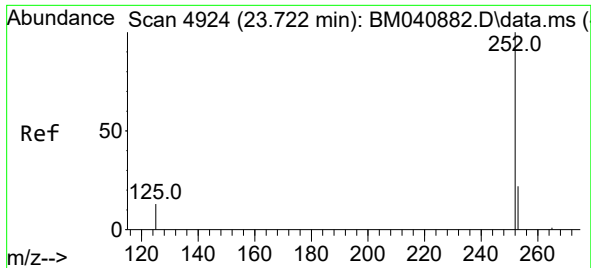


#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14



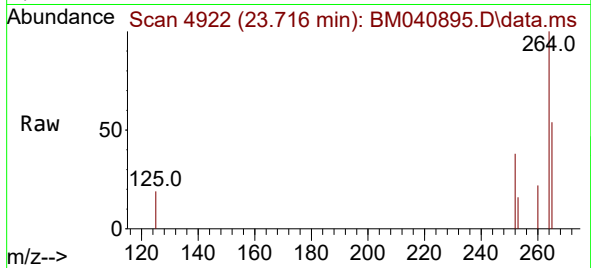
Tgt Ion:252 Resp: 4053
Ion Ratio Lower Upper
252 100
253 36.6 21.2 31.8#
125 41.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.111 ng/ul
RT: 23.716 min Scan# 4922
Delta R.T. -0.006 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14

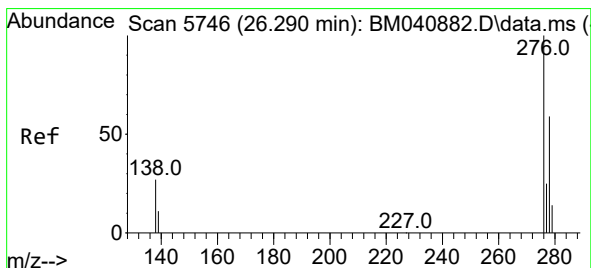
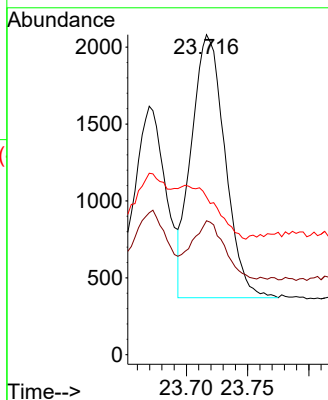
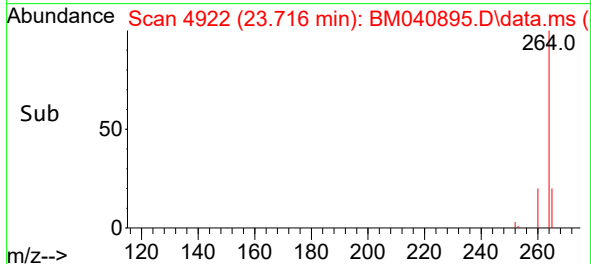
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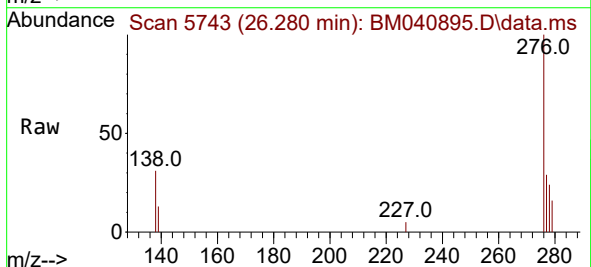
Tgt Ion:252 Resp: 325
Ion Ratio Lower Upper
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253 41.9 22.9 34.3#
125 49.3 21.0 31.4#

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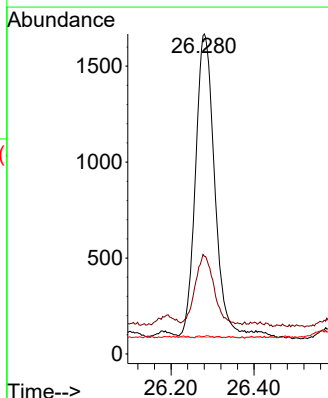
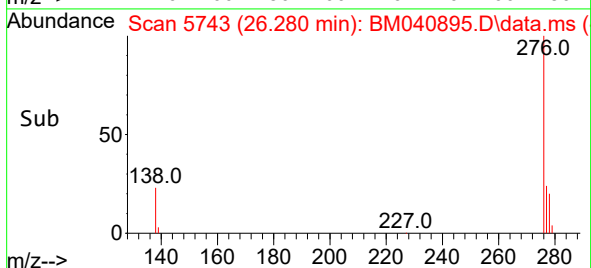
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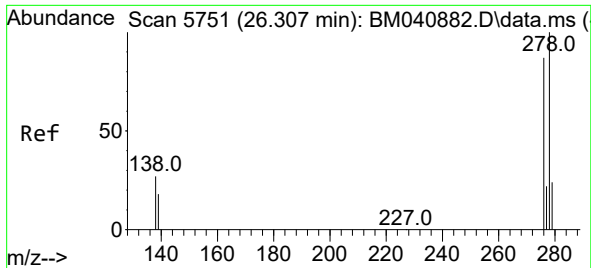


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040895.D
Acq: 15 Jul 2023 01:14



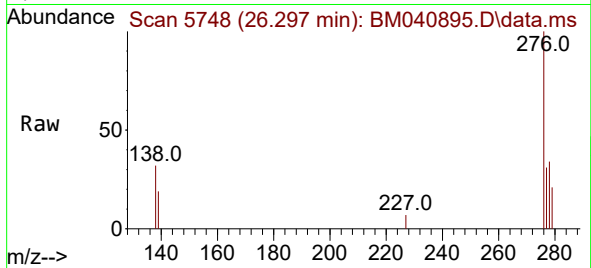
Tgt Ion:276 Resp: 5150
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 26.297 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040895.D
 Acq: 15 Jul 2023 01:14

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 278 Resp: 122
 Ion Ratio Lower Upper
 278 100
 139 55.3 17.9 26.9
 279 63.9 22.0 33.0

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