

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040894.D
 Acq On : 15 Jul 2023 00:36
 Operator : MA/JU
 Sample : 03437-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46G6

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 04:00:55 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	7.861	152	3437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	11066	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	9454	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6916	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	8129	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	47722	8.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	7246	0.467	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	10846	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	12411	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	656	0.037	ng/ul	97
11) Acenaphthene	14.569	153	639	0.033	ng/ul	97
12) Fluorene	15.559	166	765	0.037	ng/ul#	95
15) Phenanthrene	17.299	178	13150	0.448	ng/ul	100
16) Anthracene	17.392	178	2038	0.083	ng/ul#	89
19) Fluoranthene	19.320	202	23143	0.788	ng/ul	97
20) Pyrene	19.682	202	14339m	0.455	ng/ul	
21) Benzo(a)anthracene	21.434	228	8054	0.344	ng/ul	98
22) Chrysene	21.486	228	11342	0.425	ng/ul	98
24) Benzo(b)fluoranthene	23.105	252	13247	0.421	ng/ul	95
25) Benzo(k)fluoranthene	23.149	252	5032m	0.162	ng/ul	
26) Benzo(a)pyrene	23.719	252	2786	0.098	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.287	276	4020	0.102	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.297	278	1729	0.056	ng/ul#	56

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

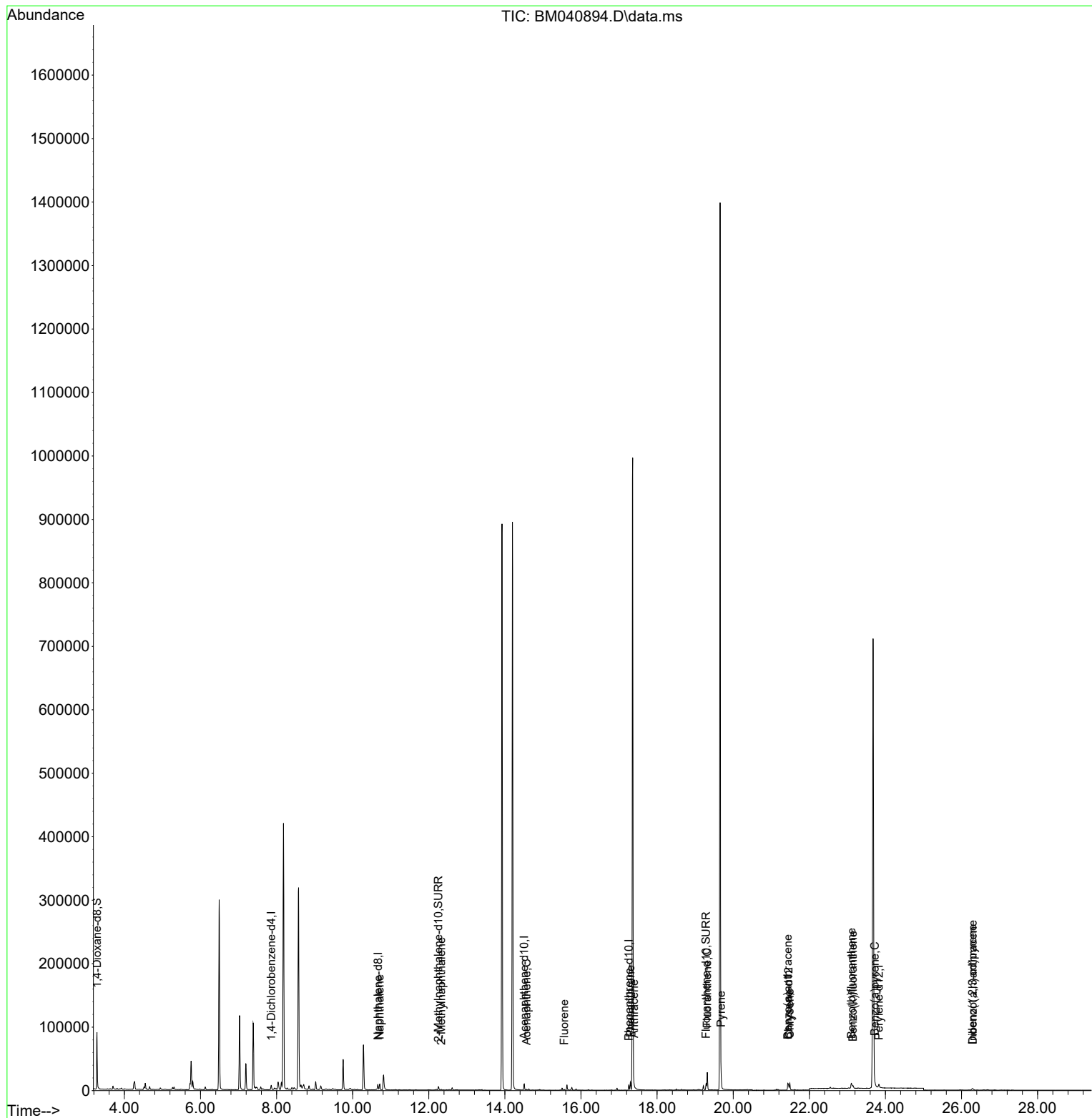
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040894.D
Acq On : 15 Jul 2023 00:36
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ALS Vial : 25 Sample Multiplier: 1

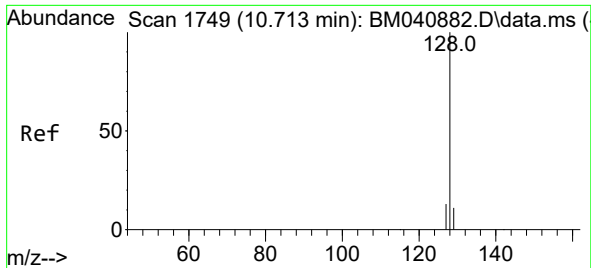
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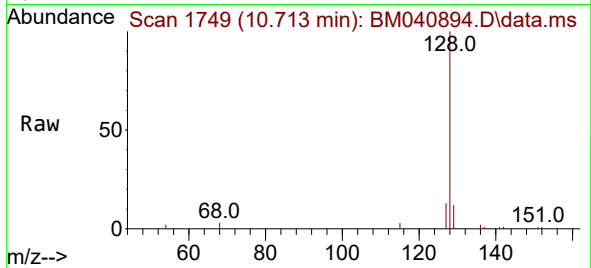
Quant Time: Jul 15 04:00:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

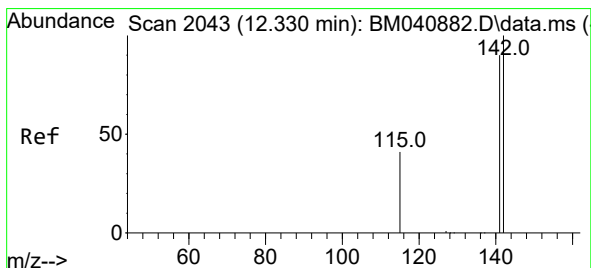
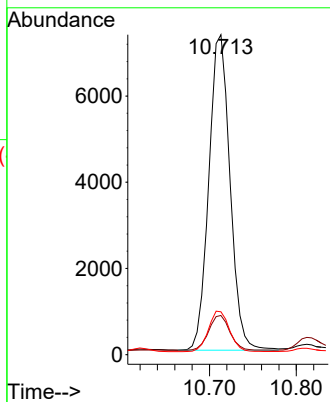
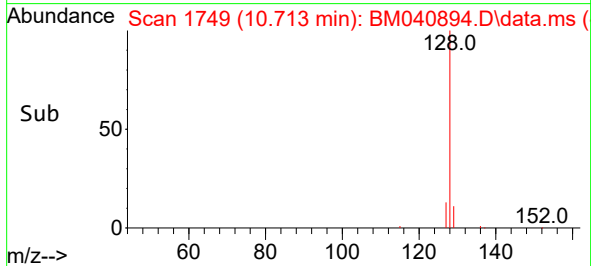
Instrument :
BNA_M
ClientSampleId :
A46G6



Tgt Ion:128 Resp: 1241
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.4 10.6 15.8

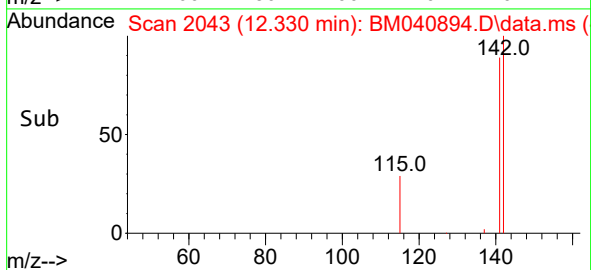
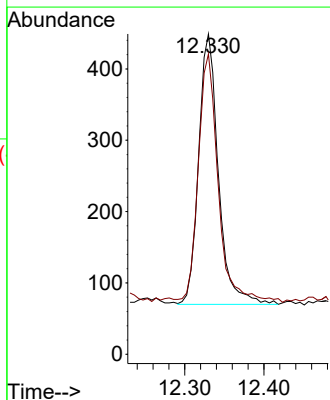
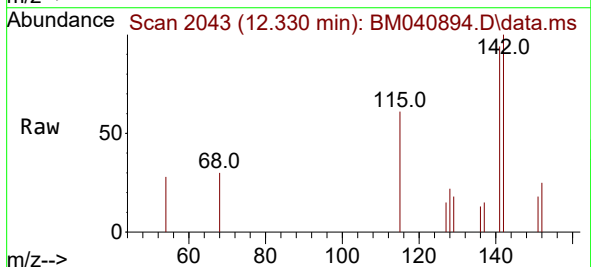
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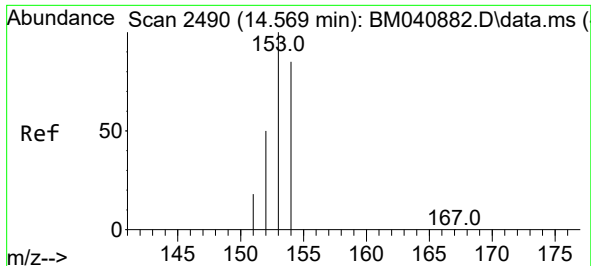
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

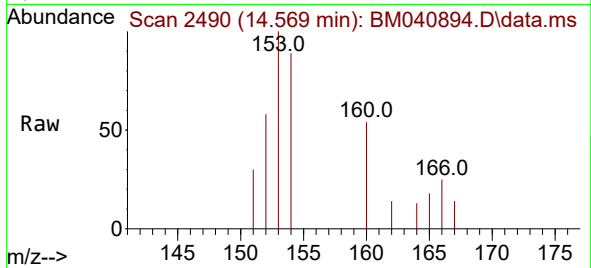
Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9





#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

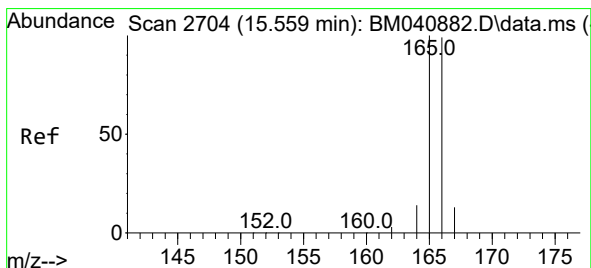
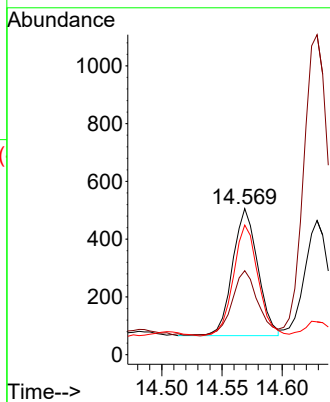
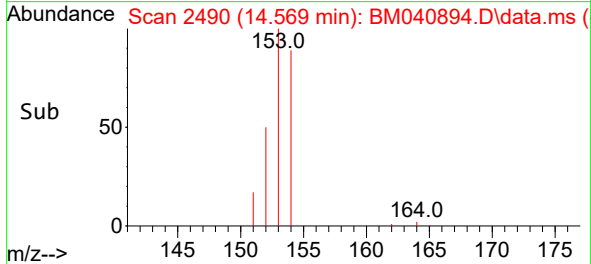
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 639
Ion Ratio Lower Upper
153 100
152 57.5 41.0 61.4
154 88.7 70.8 106.2

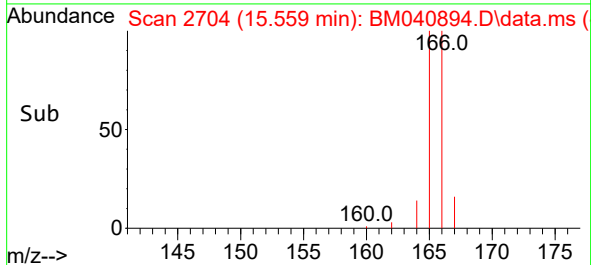
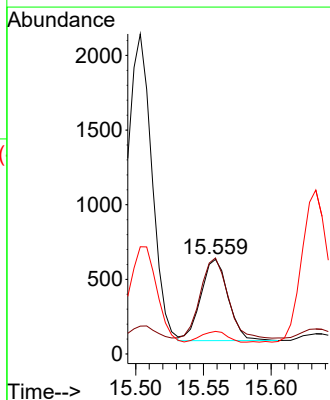
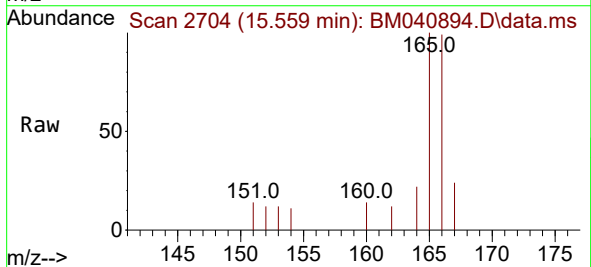
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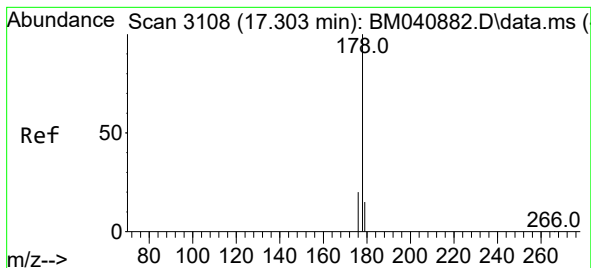
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

Tgt Ion:166 Resp: 765
Ion Ratio Lower Upper
166 100
165 101.4 79.6 119.4
167 24.0 11.4 17.0#





#15

Phenanthrene

Concen: 0.448 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.004 min

Lab File: BM040894.D

Acq: 15 Jul 2023 00:36

Instrument :

BNA_M

ClientSampleId :

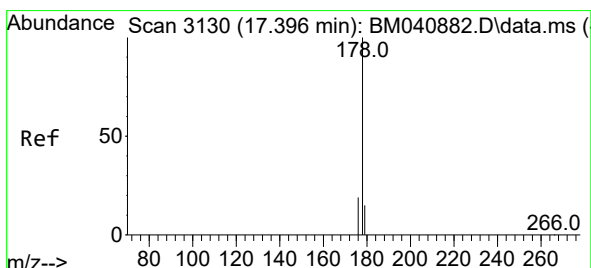
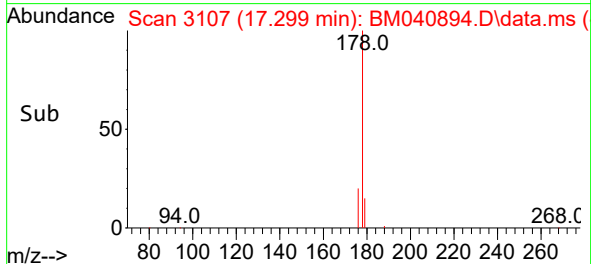
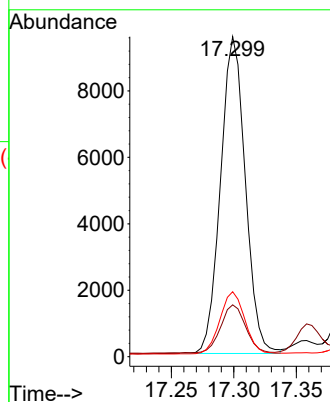
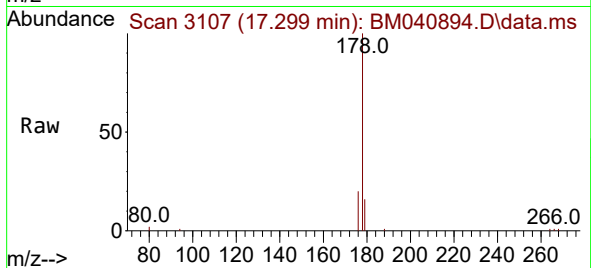
A46G6

Tgt Ion:	178	Resp:	13150
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.8	19.2
176	20.3	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#16

Anthracene

Concen: 0.083 ng/ul

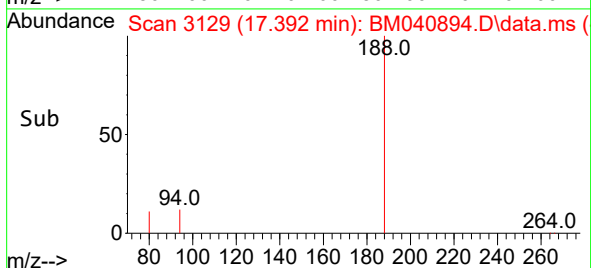
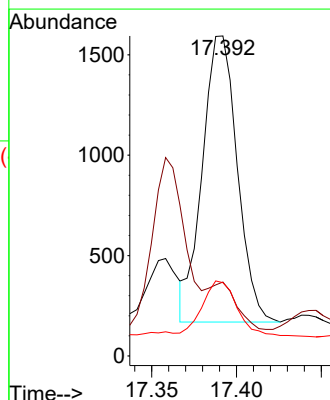
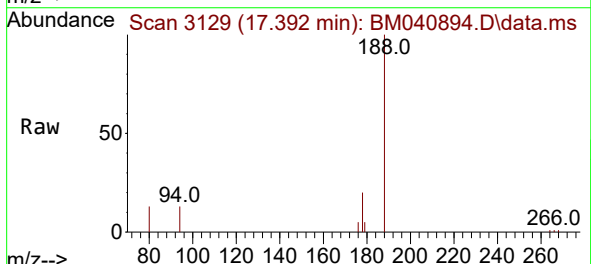
RT: 17.392 min Scan# 3129

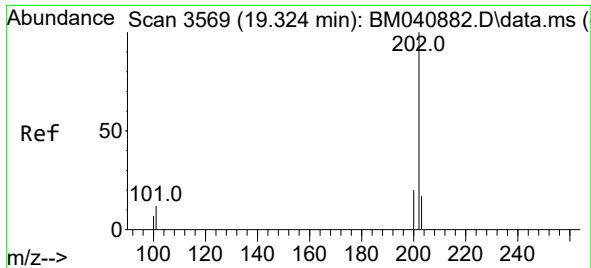
Delta R.T. -0.004 min

Lab File: BM040894.D

Acq: 15 Jul 2023 00:36

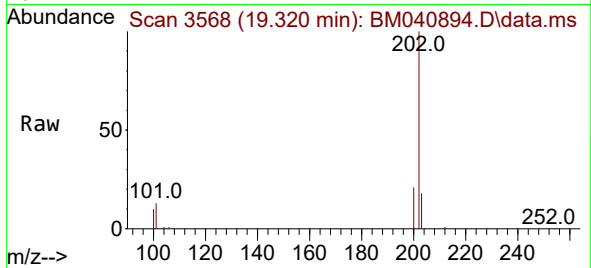
Tgt Ion:	178	Resp:	2038
Ion Ratio	Lower	Upper	
178	100		
179	23.1	12.9	19.3#
176	22.9	15.8	23.6





#19
Fluoranthene
Concen: 0.788 ng/ul
RT: 19.320 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

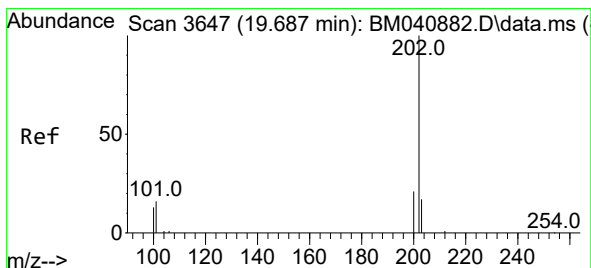
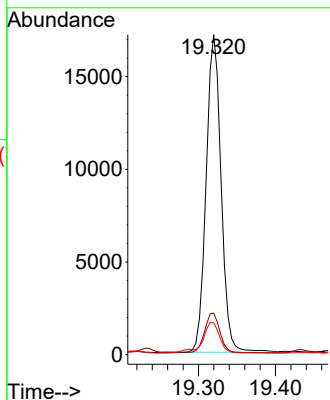
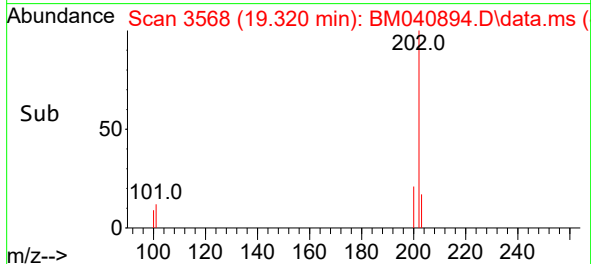
Instrument :
BNA_M
ClientSampleId :
A46G6



Tgt Ion:202 Resp: 2314
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.0 8.7 13.1

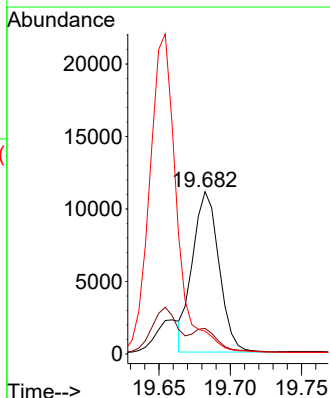
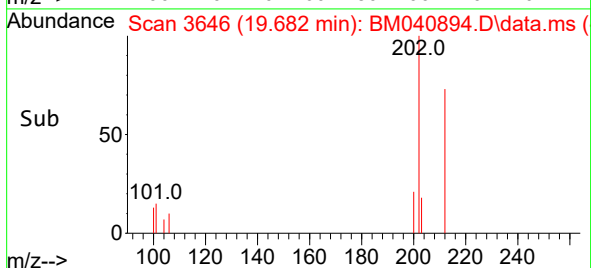
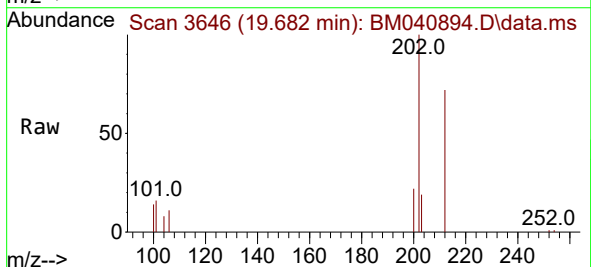
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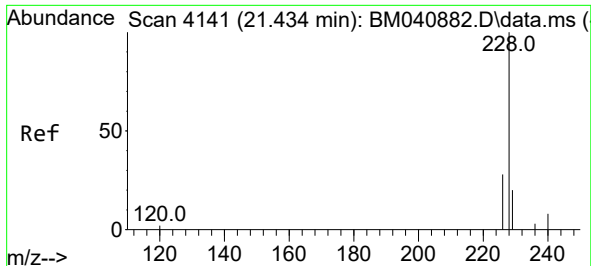
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.455 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

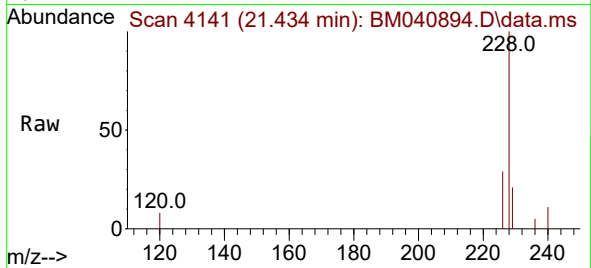
Tgt Ion:202 Resp: 14339
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 14.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

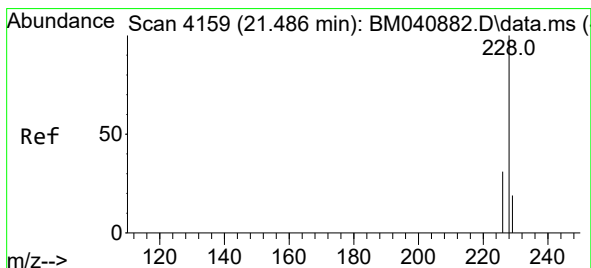
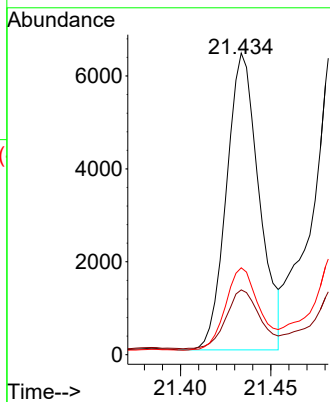
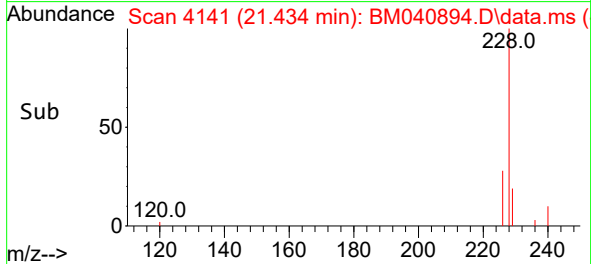
Instrument :
BNA_M
ClientSampleId :
A46G6



Tgt Ion:228 Resp: 8054
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.8 22.3 33.5

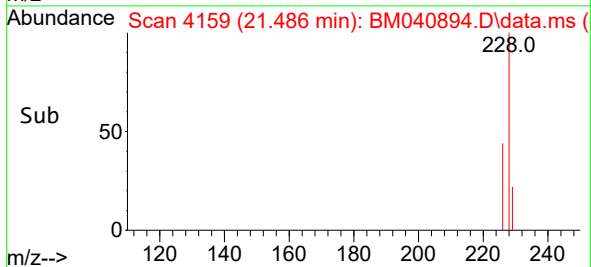
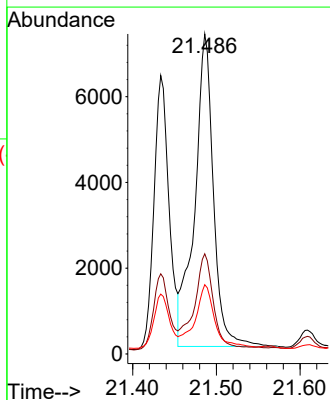
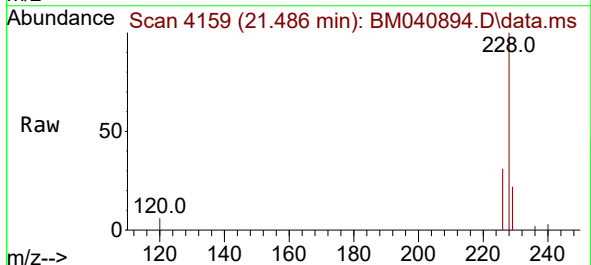
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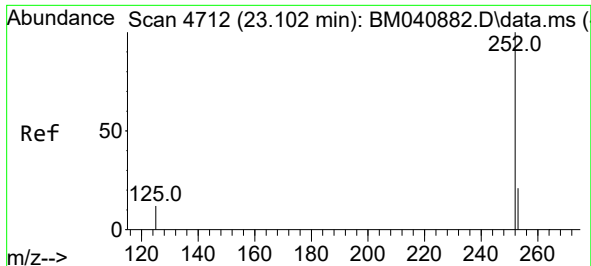
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

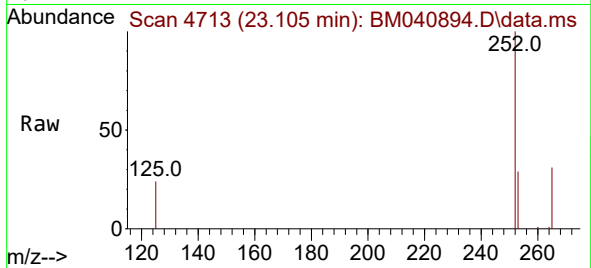
Tgt Ion:228 Resp: 11342
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

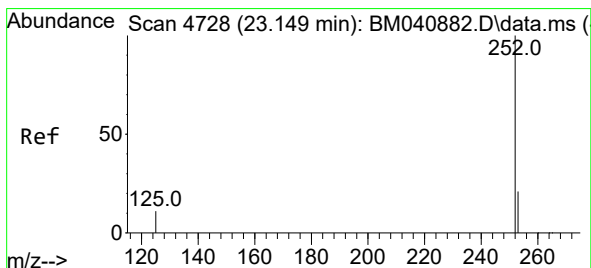
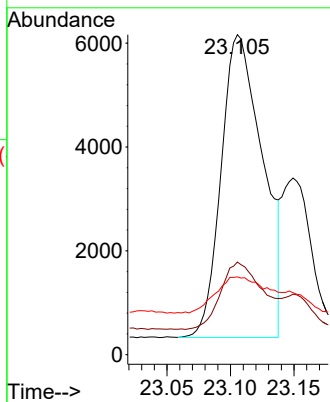
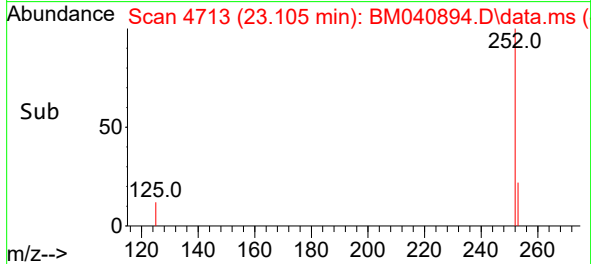
Instrument :
BNA_M
ClientSampleId :
A46G6



Tgt Ion:252 Resp: 1324
Ion Ratio Lower Upper
252 100
253 29.0 0.0 52.8
125 24.3 0.0 43.0

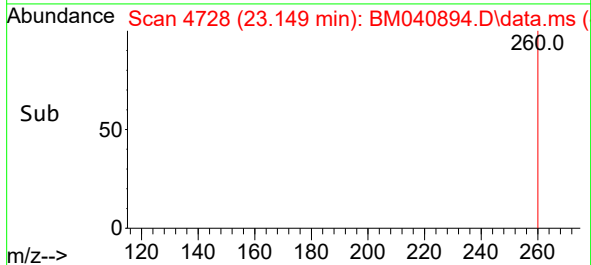
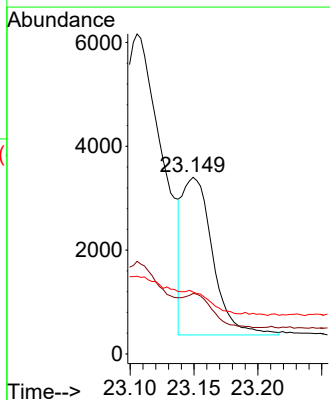
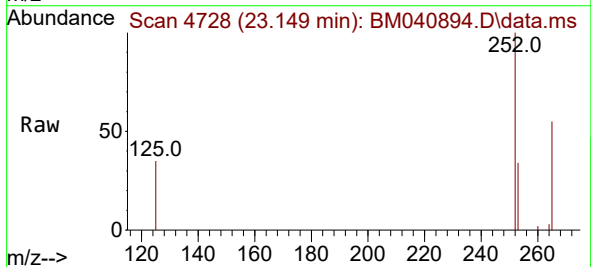
Manual Integrations
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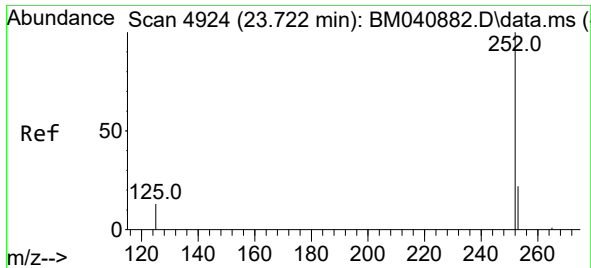
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.162 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

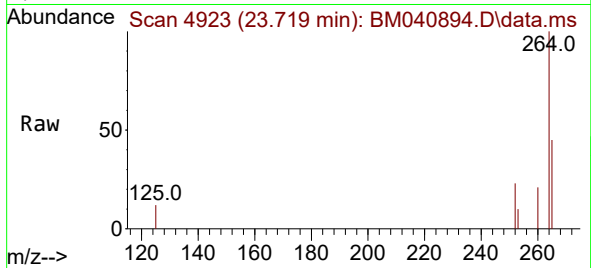
Tgt Ion:252 Resp: 5032
Ion Ratio Lower Upper
252 100
253 34.2 21.2 31.8#
125 35.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.719 min Scan# 4923
Delta R.T. -0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

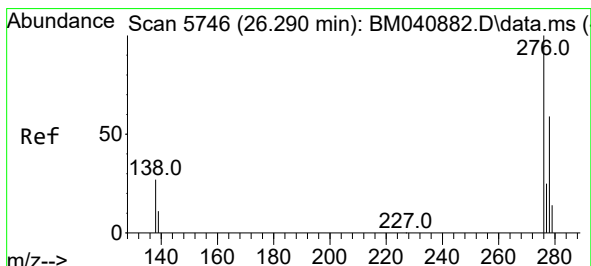
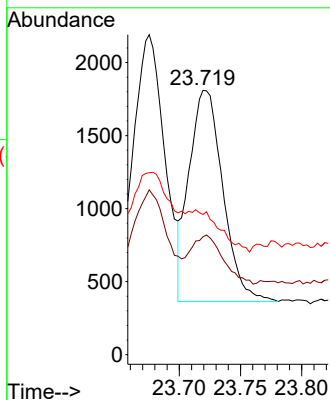
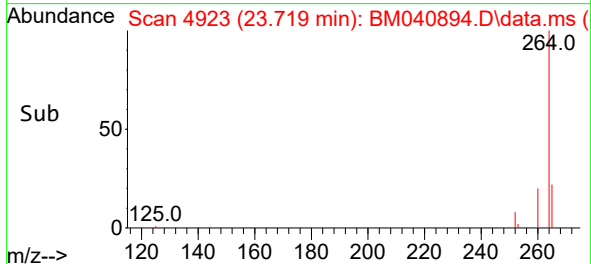
Instrument :
BNA_M
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A46G6



Tgt Ion:252 Resp: 2780
Ion Ratio Lower Upper
252 100
253 44.6 22.9 34.3#
125 53.0 21.0 31.4#

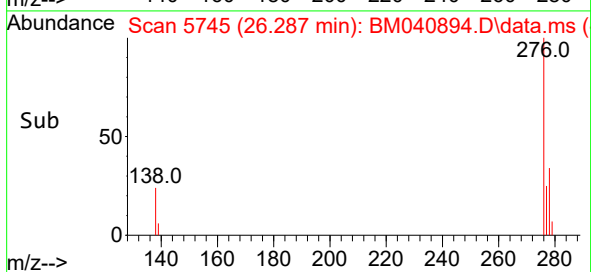
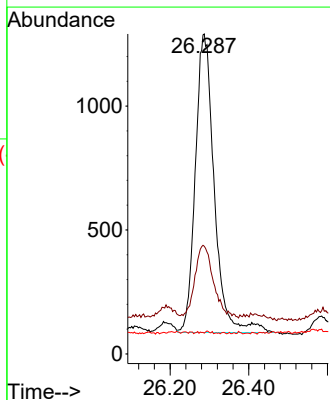
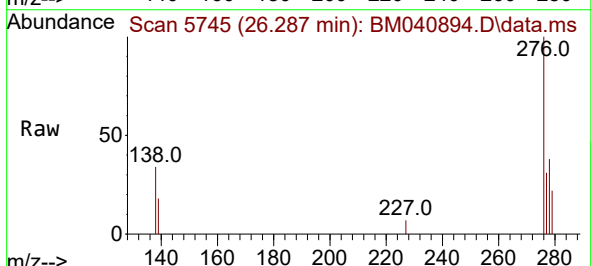
Manual Integrations
APPROVED

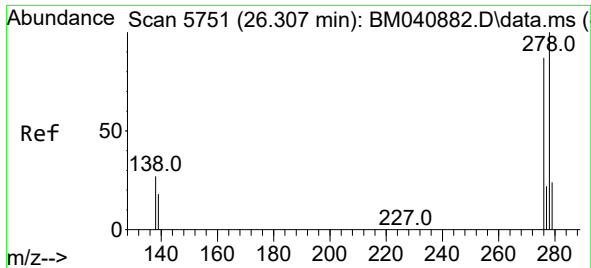
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM040894.D
Acq: 15 Jul 2023 00:36

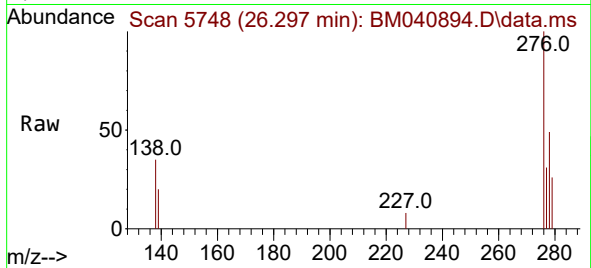
Tgt Ion:276 Resp: 4020
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.056 ng/ul
 RT: 26.297 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040894.D
 Acq: 15 Jul 2023 00:36

Instrument :
 BNA_M
 ClientSampleId :
 A46G6



Tgt Ion: 278 Resp: 1729
 Ion Ratio Lower Upper
 278 100
 139 40.4 17.9 26.9
 279 53.0 22.0 33.0

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