

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041056.D
 Acq On : 22 Jul 2023 16:20
 Operator : MA/JU
 Sample : 03472-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:37:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	12182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	6319	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	13358	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	11015	0.400	ng/ul	# 0.00
23) Perylene-d12	23.857	264	11940	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	17833	3.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	6642	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	13248	0.286	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	931	0.028	ng/ul#	73
10) Acenaphthylene	14.236	152	2296	0.087	ng/ul#	89
12) Fluorene	15.568	166	649	0.027	ng/ul#	93
15) Phenanthrene	17.312	178	12717	0.319	ng/ul	100
16) Anthracene	17.405	178	2535	0.081	ng/ul#	90
19) Fluoranthene	19.334	202	39622	0.697	ng/ul#	93
20) Pyrene	19.696	202	34252	0.590	ng/ul#	93
21) Benzo(a)anthracene	21.451	228	18804	0.560	ng/ul	96
22) Chrysene	21.501	228	15836	0.413	ng/ul	97
24) Benzo(b)fluoranthene	23.132	252	23428	0.511	ng/ul	95
25) Benzo(k)fluoranthene	23.173	252	8546m	0.196	ng/ul	
26) Benzo(a)pyrene	23.749	252	12026	0.304	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.330	276	12578	0.239	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.344	278	2611	0.066	ng/ul#	64
29) Benzo(g,h,i)perylene	27.092	276	12339	0.254	ng/ul	95

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

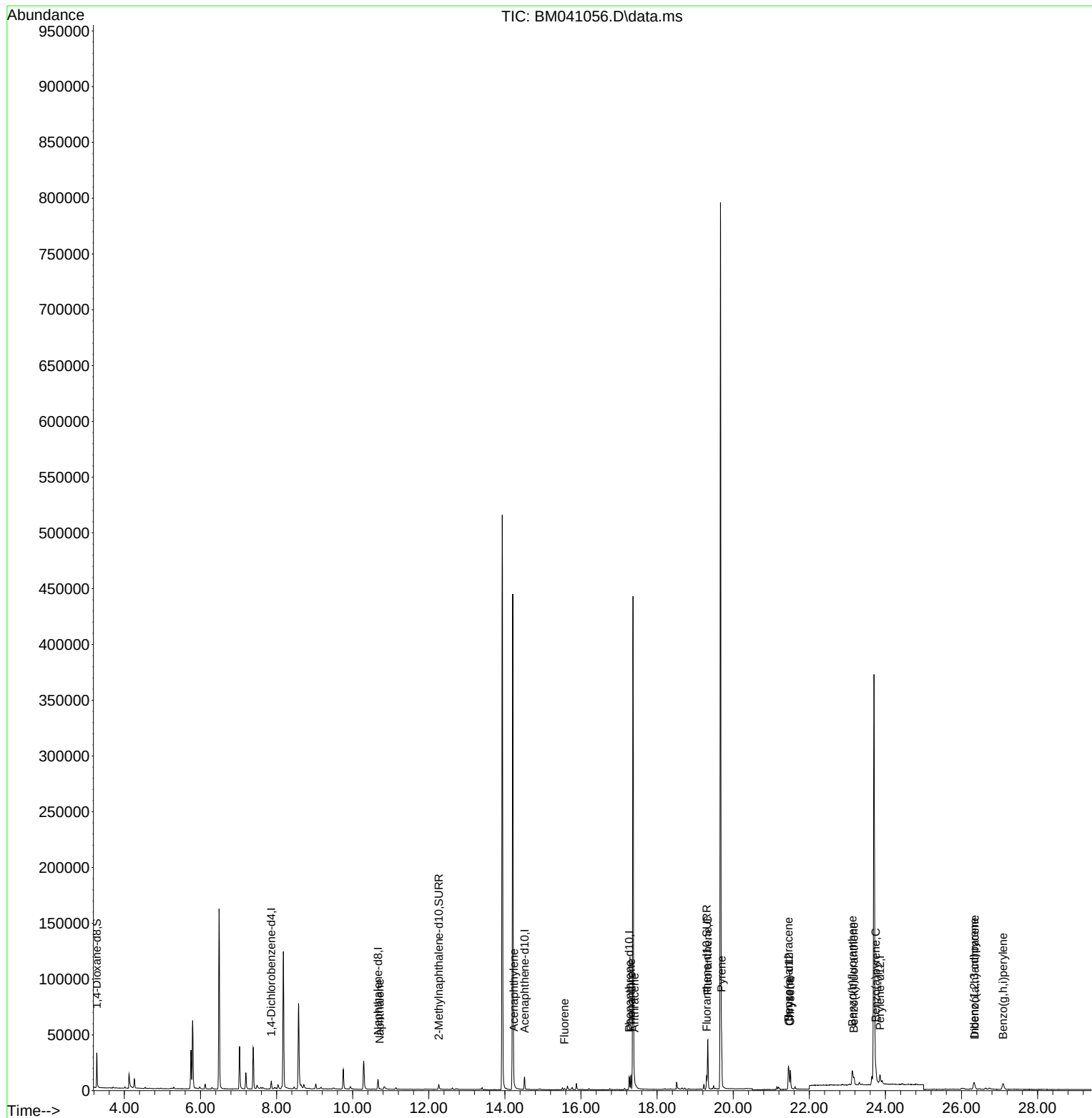
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041056.D
Acq On : 22 Jul 2023 16:20
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ALS Vial : 47 Sample Multiplier: 1

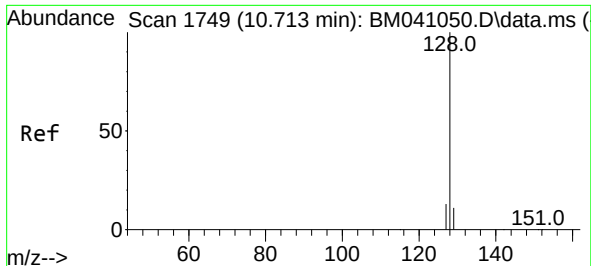
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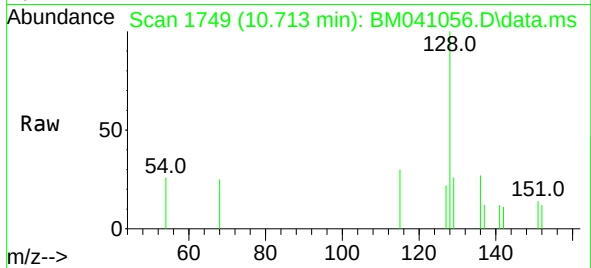
Quant Time: Jul 22 22:37:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
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#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

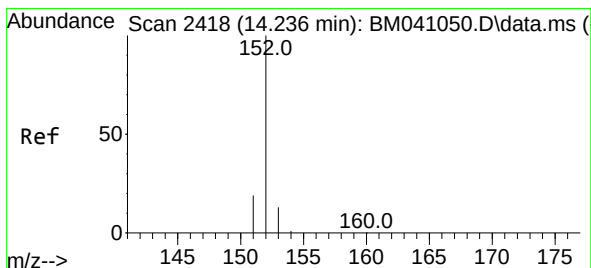
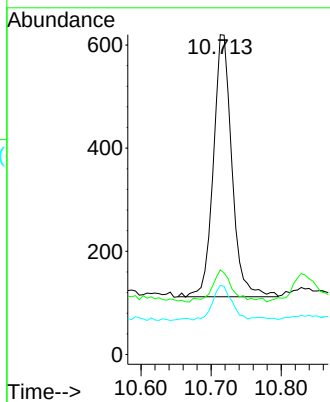
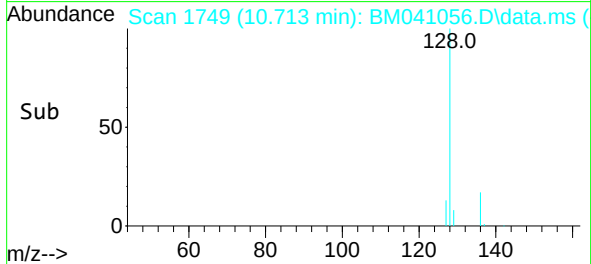
Instrument :
BNA_M
ClientSampleId :
A46R1



Tgt Ion:128 Resp: 931
Ion Ratio Lower Upper
128 100
129 26.5 9.8 14.8#
127 21.6 11.0 16.4#

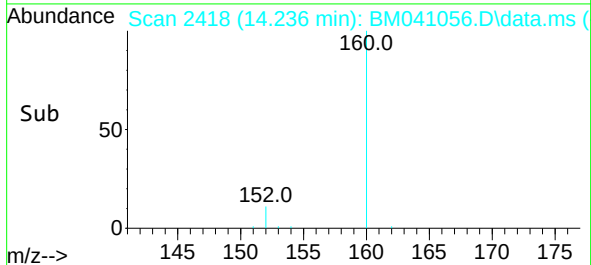
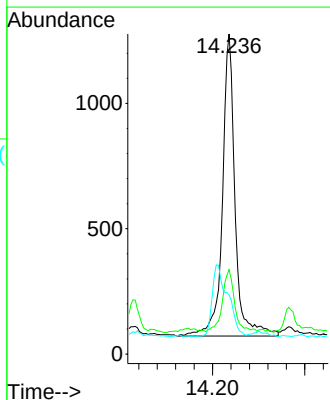
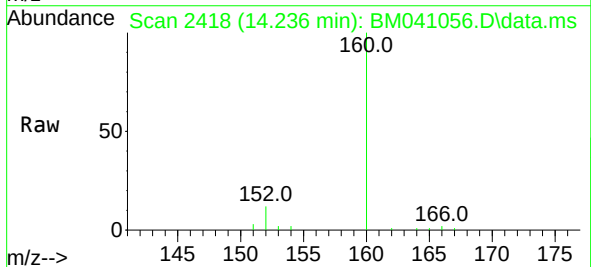
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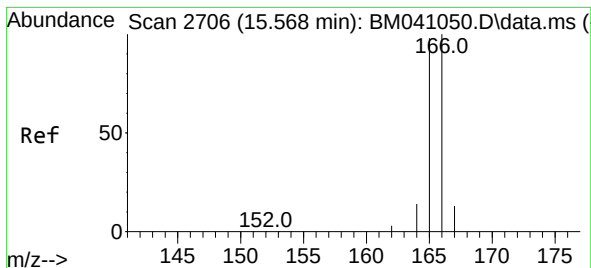
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

Tgt Ion:152 Resp: 2296
Ion Ratio Lower Upper
152 100
151 26.4 16.8 25.2#
153 18.5 11.6 17.4#





#12

Fluorene

Concen: 0.027 ng/ul

RT: 15.568 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM041056.D

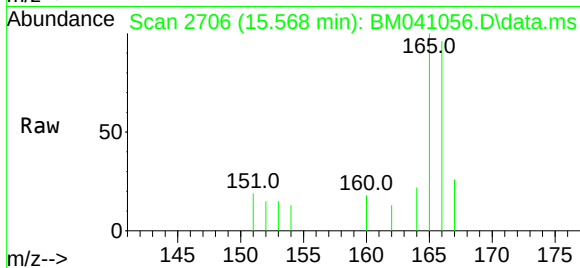
Acq: 22 Jul 2023 16:20

Instrument :

BNA_M

ClientSampleId :

A46R1



Tgt Ion:166 Resp: 649

Ion Ratio Lower Upper

166 100

165 104.2 80.3 120.5

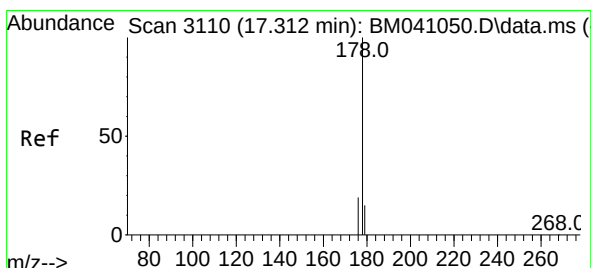
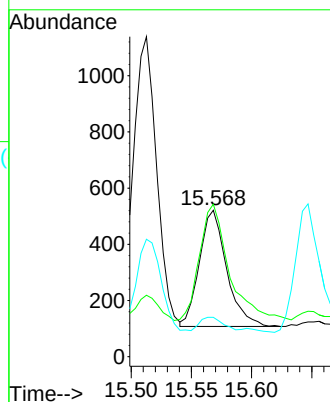
167 26.9 11.7 17.5

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#15

Phenanthrene

Concen: 0.319 ng/ul

RT: 17.312 min Scan# 3110

Delta R.T. -0.004 min

Lab File: BM041056.D

Acq: 22 Jul 2023 16:20

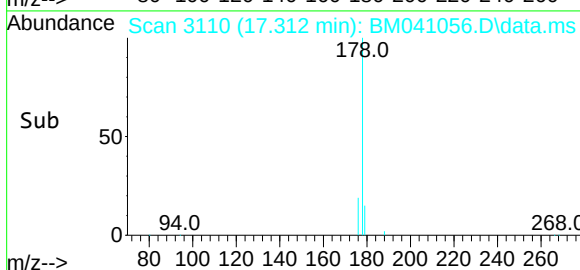
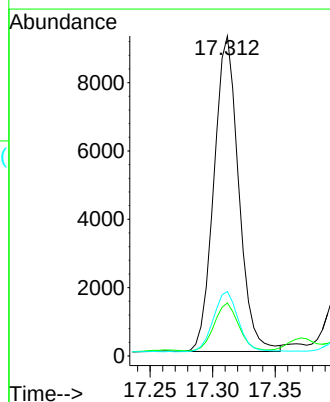
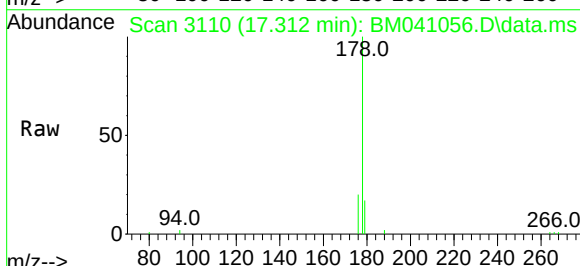
Tgt Ion:178 Resp: 12717

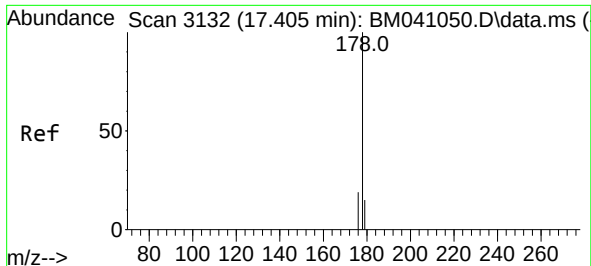
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

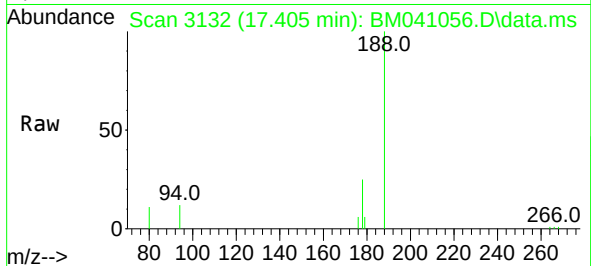
176 20.1 16.2 24.4





#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.405 min Scan# 3132
 Delta R.T. -0.004 min
 Lab File: BM041056.D
 Acq: 22 Jul 2023 16:20

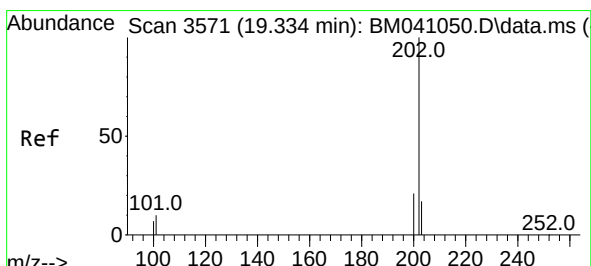
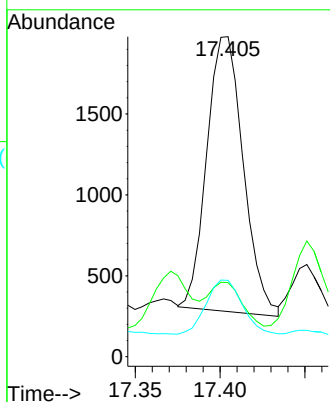
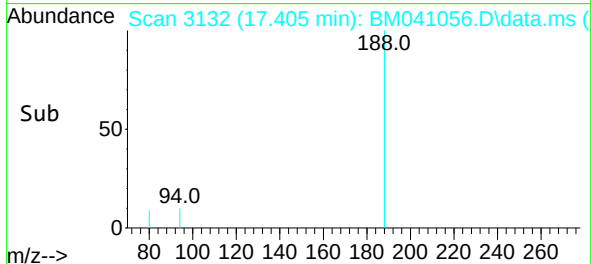
Instrument :
 BNA_M
 ClientSampleId :
 A46R1



Tgt Ion:178 Resp: 2538
 Ion Ratio Lower Upper
 178 100
 179 23.2 13.7 20.5#
 176 23.9 16.4 24.6#

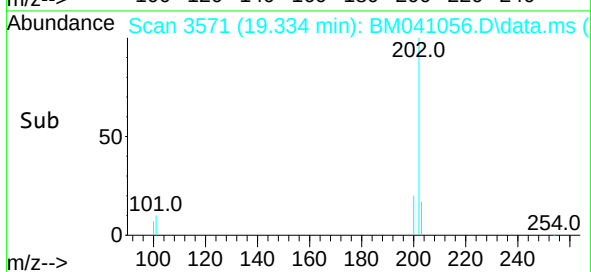
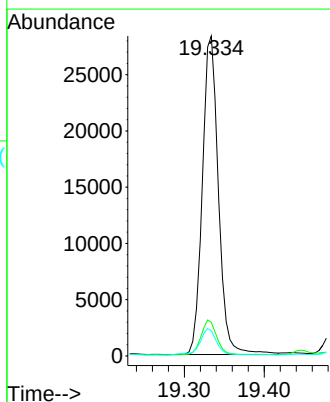
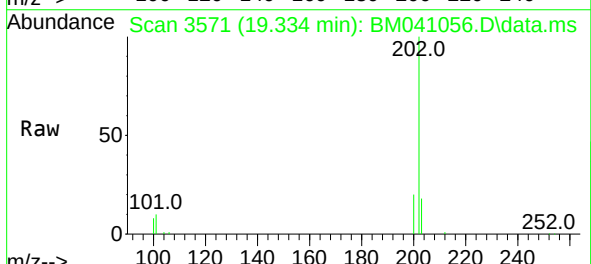
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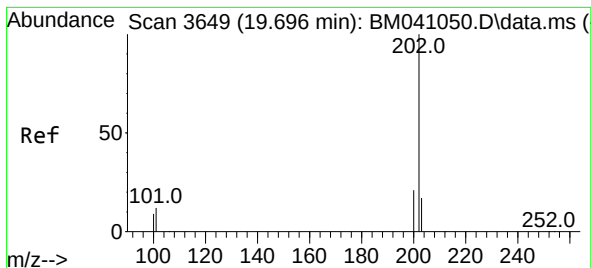
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#19
 Fluoranthene
 Concen: 0.697 ng/ul
 RT: 19.334 min Scan# 3571
 Delta R.T. 0.000 min
 Lab File: BM041056.D
 Acq: 22 Jul 2023 16:20

Tgt Ion:202 Resp: 39622
 Ion Ratio Lower Upper
 202 100
 101 10.5 11.0 16.4#
 100 7.9 8.3 12.5#





#20

Pyrene

Concen: 0.590 ng/ul

RT: 19.696 min Scan# 3649

Delta R.T. 0.000 min

Lab File: BM041056.D

Acq: 22 Jul 2023 16:20

Instrument :

BNA_M

ClientSampleId :

A46R1

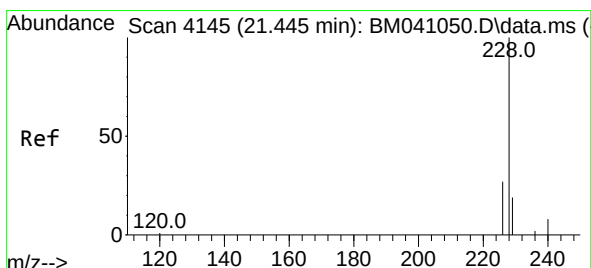
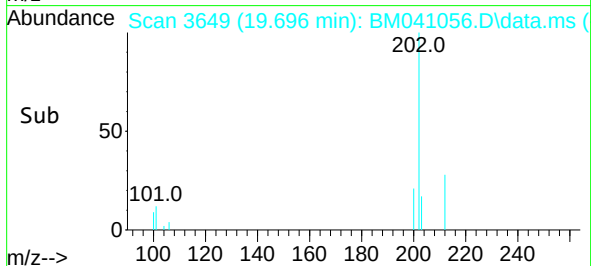
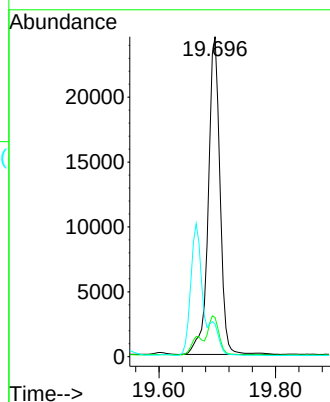
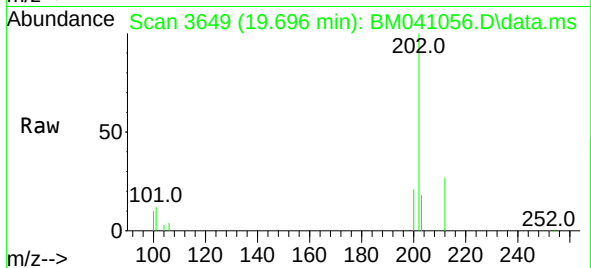
Tgt Ion:	202	Resp:	3425
Ion Ratio	Lower	Upper	
202	100		
101	12.3	12.5	18.7
100	10.1	10.0	15.0

Manual Integrations

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#21

Benzo(a)anthracene

Concen: 0.560 ng/ul

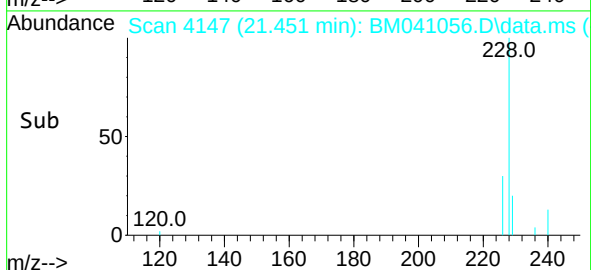
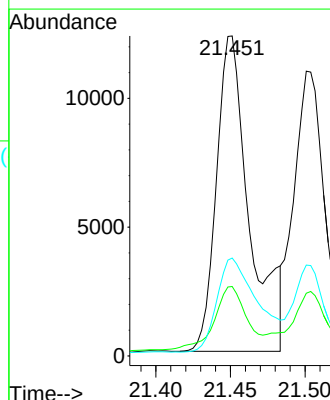
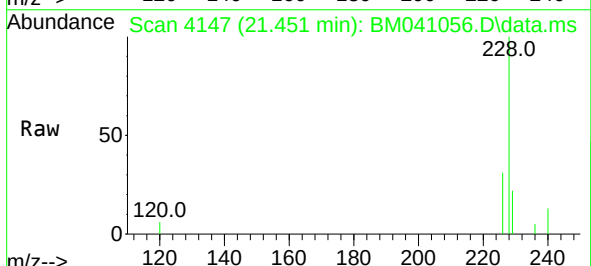
RT: 21.451 min Scan# 4147

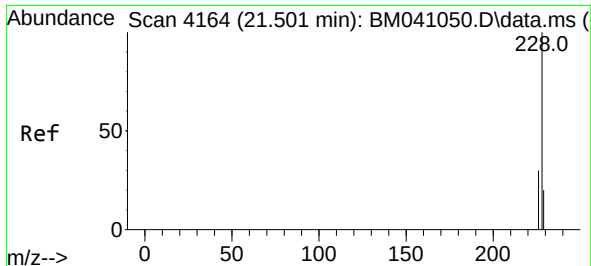
Delta R.T. 0.003 min

Lab File: BM041056.D

Acq: 22 Jul 2023 16:20

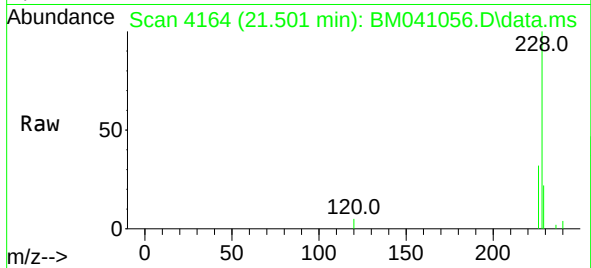
Tgt Ion:	228	Resp:	18804
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.2	24.4
226	30.6	22.3	33.5





#22
Chrysene
Concen: 0.413 ng/u1
RT: 21.501 min Scan# 4164
Delta R.T. 0.000 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

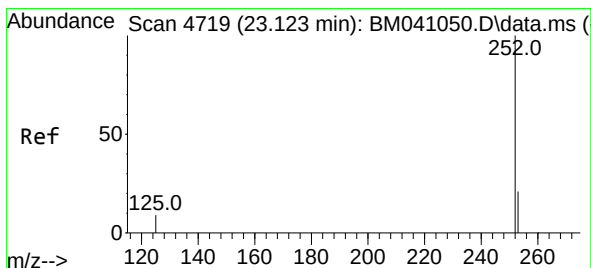
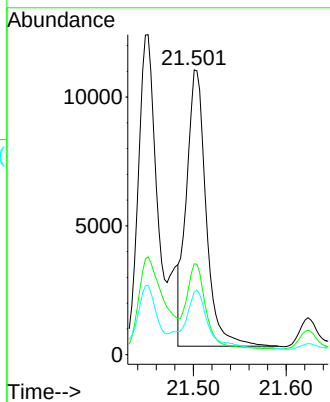
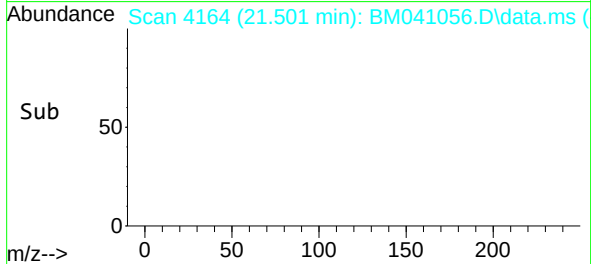
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Tgt Ion:228 Resp: 15830
Ion Ratio Lower Upper
228 100
226 31.9 24.6 37.0
229 22.0 16.1 24.1

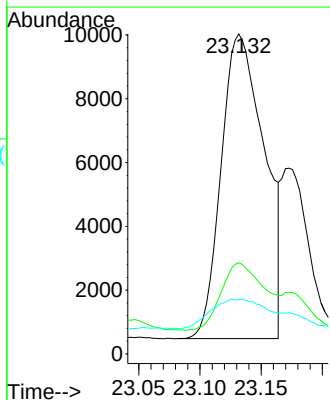
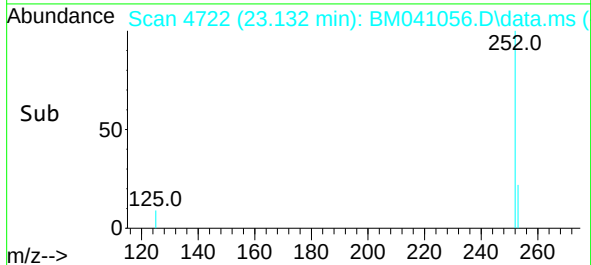
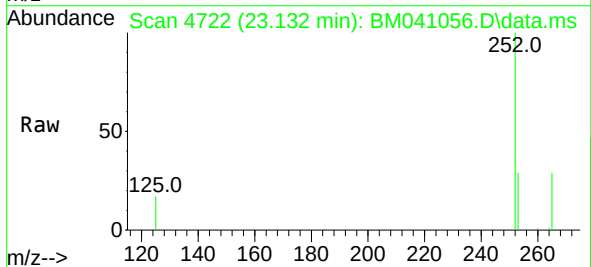
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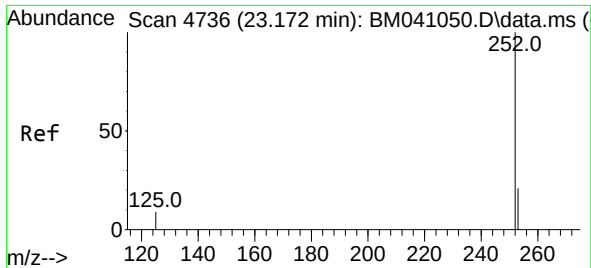
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#24
Benzo(b)fluoranthene
Concen: 0.511 ng/u1
RT: 23.132 min Scan# 4722
Delta R.T. 0.006 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

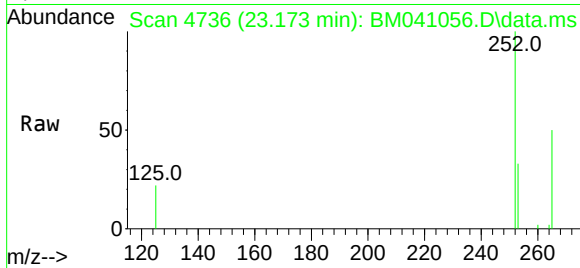
Tgt Ion:252 Resp: 23428
Ion Ratio Lower Upper
252 100
253 28.5 0.0 57.4
125 16.9 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

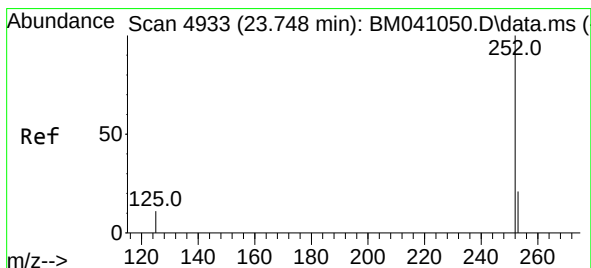
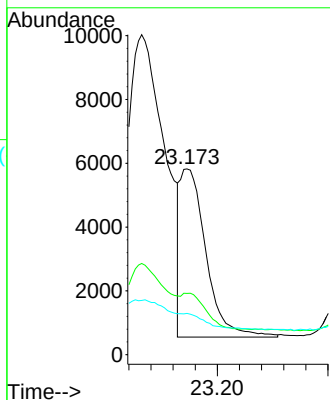
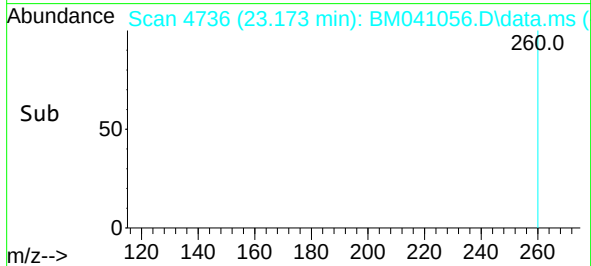
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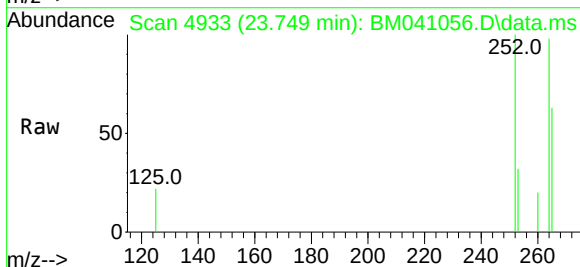
Tgt Ion:252 Resp: 8540
Ion Ratio Lower Upper
252 100
253 33.0 23.3 34.9
125 22.2 18.2 27.2

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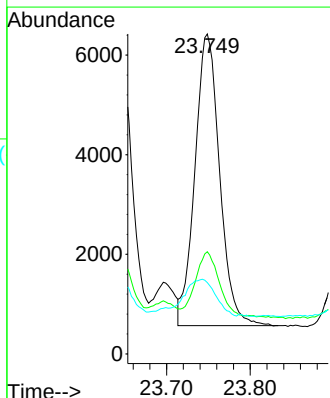
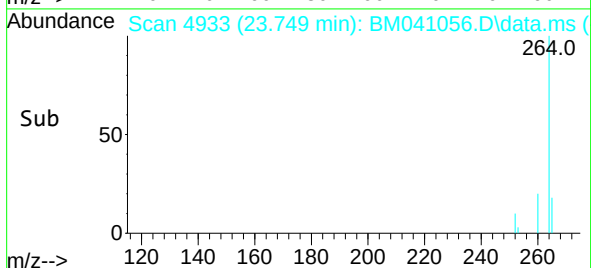
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

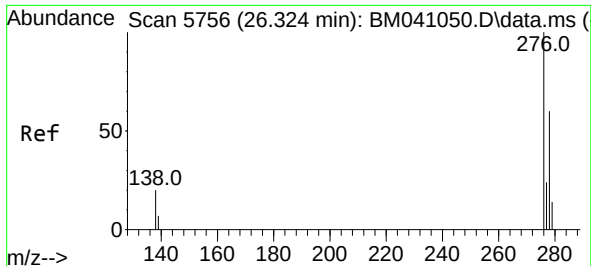


#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.749 min Scan# 4933
Delta R.T. 0.000 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20



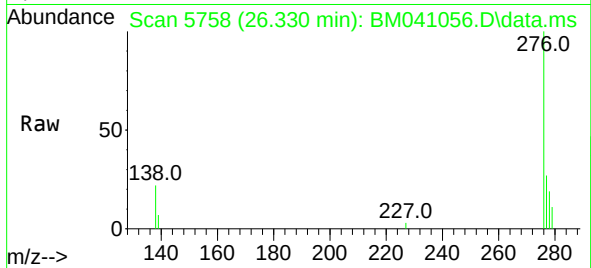
Tgt Ion:252 Resp: 12026
Ion Ratio Lower Upper
252 100
253 32.0 28.2 42.2
125 22.3 25.2 37.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.239 ng/ul
 RT: 26.330 min Scan# 5756
 Delta R.T. 0.003 min
 Lab File: BM041056.D
 Acq: 22 Jul 2023 16:20

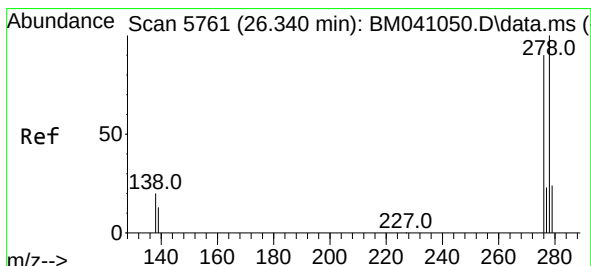
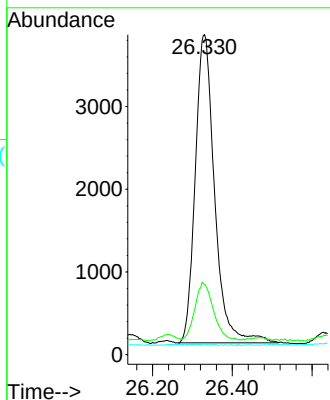
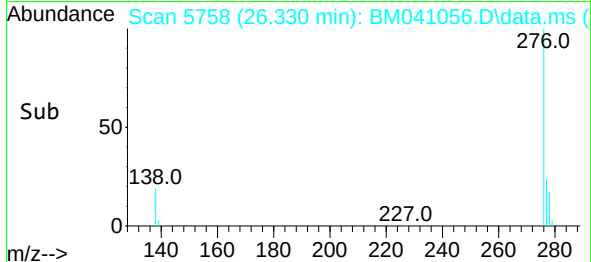
Instrument :
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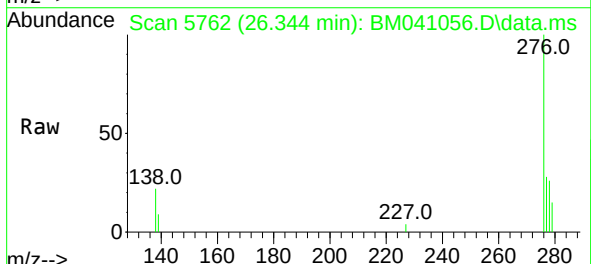
Tgt Ion:276 Resp: 12578
 Ion Ratio Lower Upper
 276 100
 138 17.8 22.3 33.5#
 227 0.2 0.0 0.0#

Manual Integrations
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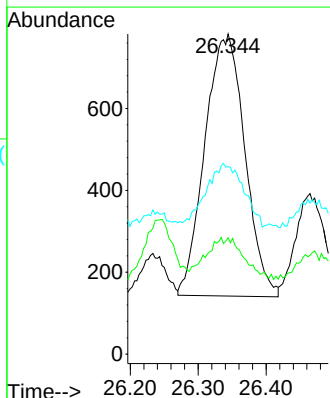
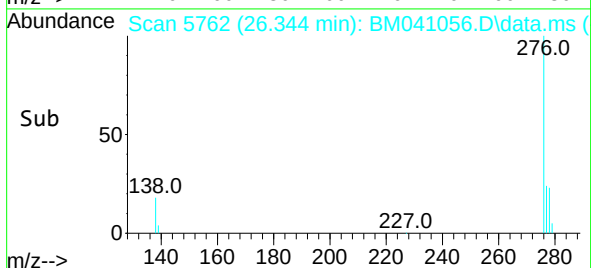
Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

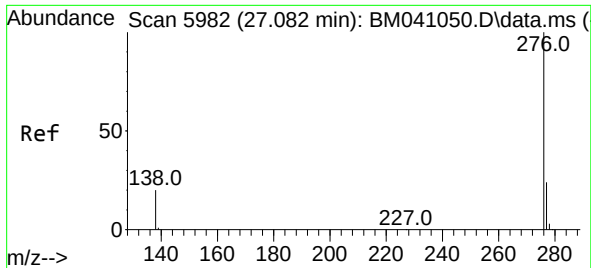


#28
 Dibenzo(a,h)anthracene
 Concen: 0.066 ng/ul
 RT: 26.344 min Scan# 5762
 Delta R.T. -0.003 min
 Lab File: BM041056.D
 Acq: 22 Jul 2023 16:20



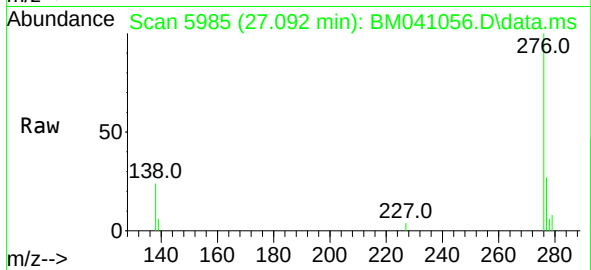
Tgt Ion:278 Resp: 2611
 Ion Ratio Lower Upper
 278 100
 139 36.3 19.2 28.8#
 279 58.6 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.254 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. 0.007 min
Lab File: BM041056.D
Acq: 22 Jul 2023 16:20

Instrument :
BNA_M
ClientSampleId :
A46R1



Tgt Ion: 276 Resp: 12339
Ion Ratio Lower Upper
276 100
138 23.7 22.6 34.0
277 27.0 21.2 31.8

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/24/2023
Supervised By : mohammad ahmed 07/24/2023

