

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040887.D
 Acq On : 14 Jul 2023 20:09
 Operator : MA/JU
 Sample : 03437-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H5

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 03:59:54 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	3904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13047	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	10746	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	7322	0.400	ng/ul	0.00
23) Perylene-d12	23.827	264	6722	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	6201	1.011	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	1234	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1906	0.081	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	16179	0.450	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	849	0.040	ng/ul	98
15) Phenanthrene	17.299	178	5117	0.153	ng/ul	96
19) Fluoranthene	19.320	202	14815	0.476	ng/ul	98
20) Pyrene	19.682	202	11156m	0.335	ng/ul	
21) Benzo(a)anthracene	21.434	228	4425	0.179	ng/ul	94
22) Chrysene	21.486	228	7141	0.253	ng/ul	97
24) Benzo(b)fluoranthene	23.105	252	9227	0.355	ng/ul	86
25) Benzo(k)fluoranthene	23.149	252	3633m	0.142	ng/ul	
26) Benzo(a)pyrene	23.722	252	1729	0.074	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	26.287	276	4077	0.125	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.300	278	1239	0.048	ng/ul#	34
29) Benzo(g,h,i)perylene	27.041	276	783	0.027	ng/ul#	43

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

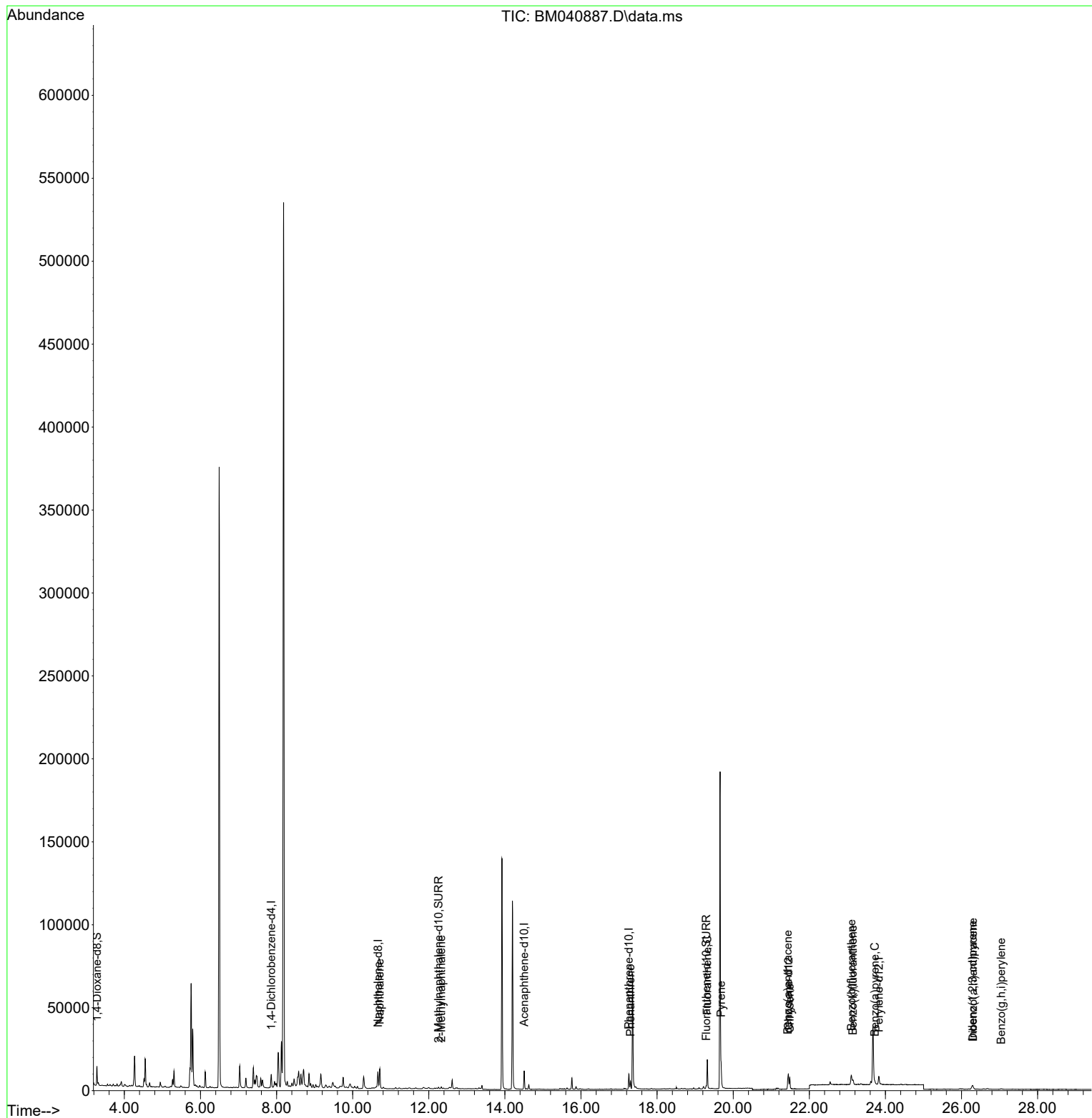
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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ALS Vial : 18 Sample Multiplier: 1

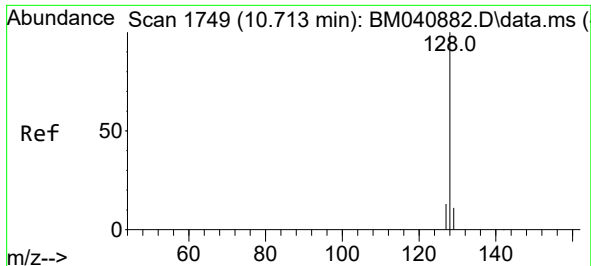
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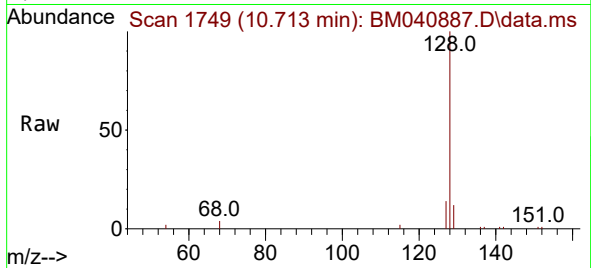
Quant Time: Jul 15 03:59:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
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#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

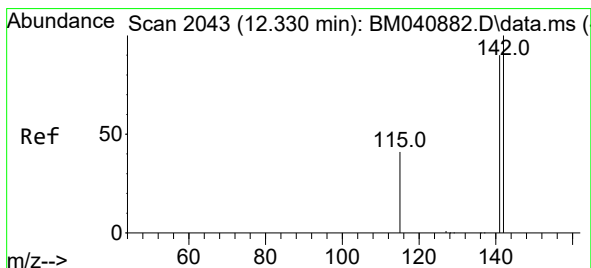
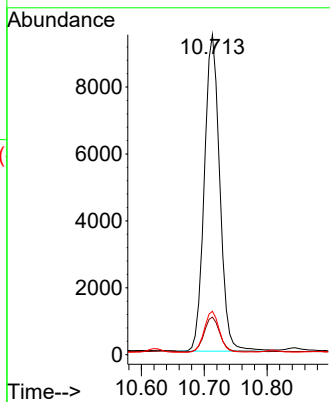
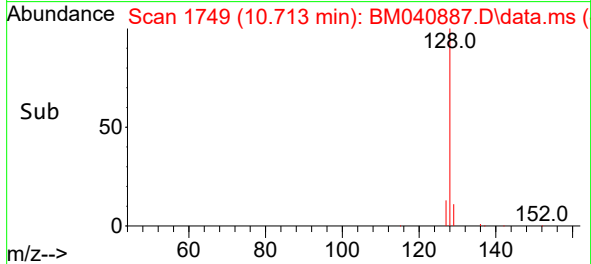
Instrument :
BNA_M
ClientSampleId :
A46H5



Tgt Ion:128 Resp: 16179
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.6 10.6 15.8

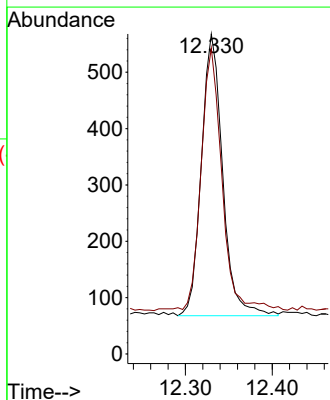
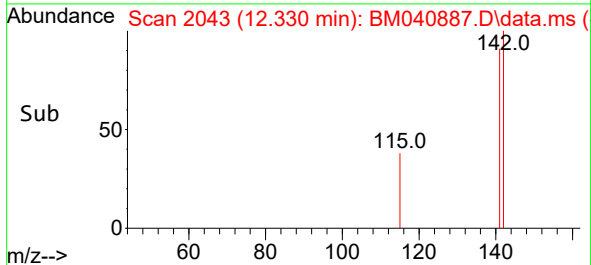
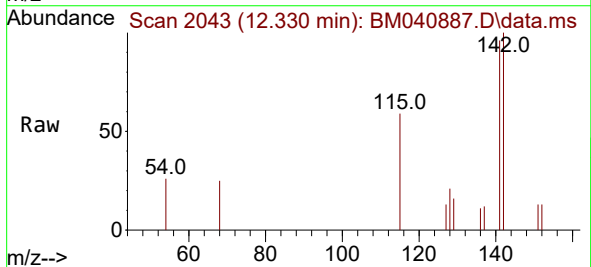
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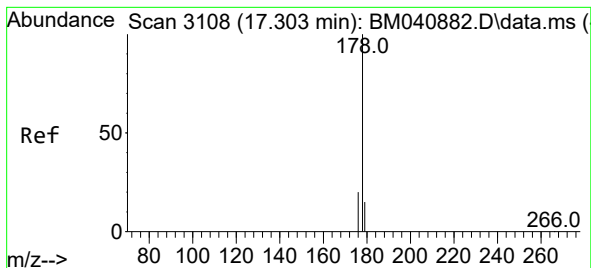
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9





#15

Phenanthrene

Concen: 0.153 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.004 min

Lab File: BM040887.D

Acq: 14 Jul 2023 20:09

Instrument :

BNA_M

ClientSampleId :

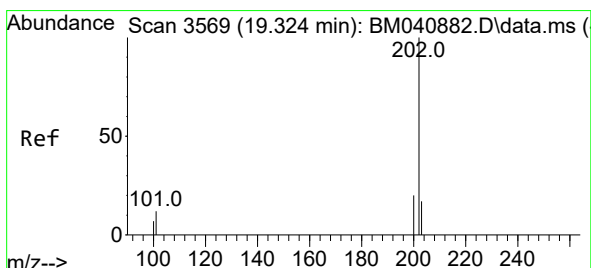
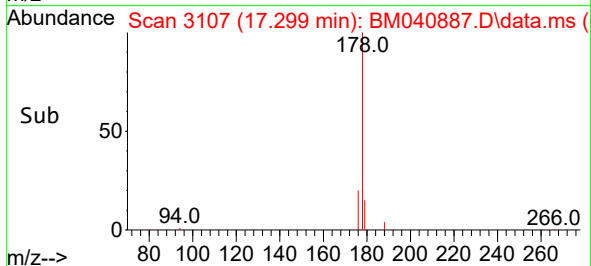
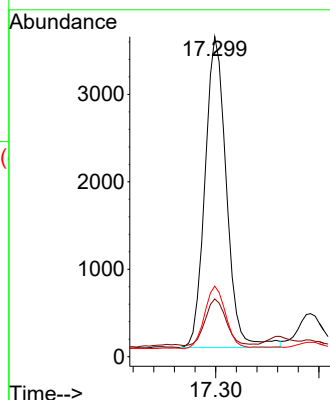
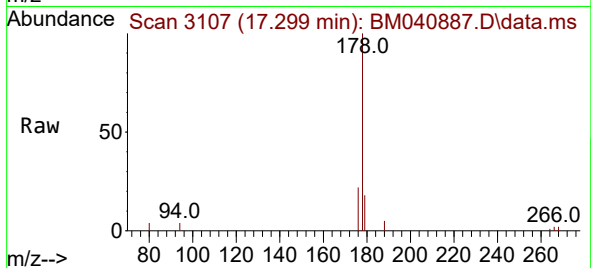
A46H5

Tgt Ion:178	Resp:	511
Ion Ratio	Lower	Upper
178	100	
179	18.1	12.8 19.2
176	22.0	16.4 24.6

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#19

Fluoranthene

Concen: 0.476 ng/ul

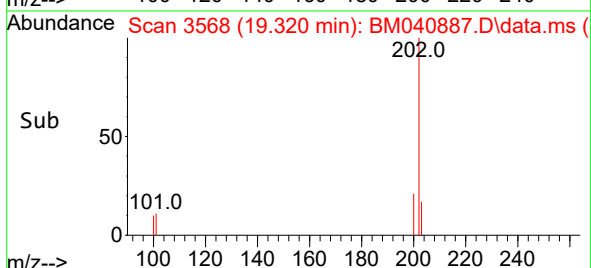
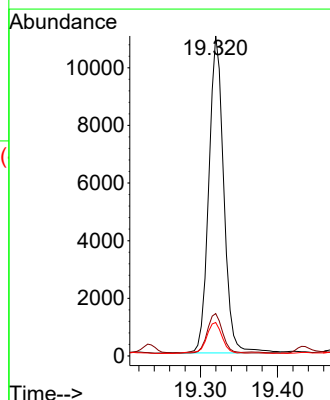
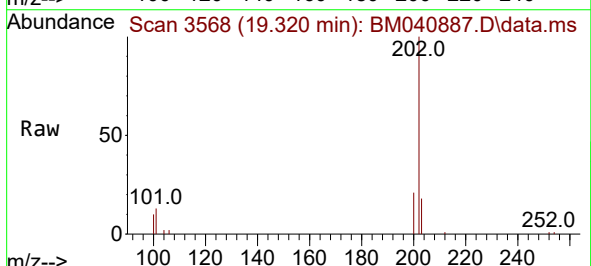
RT: 19.320 min Scan# 3568

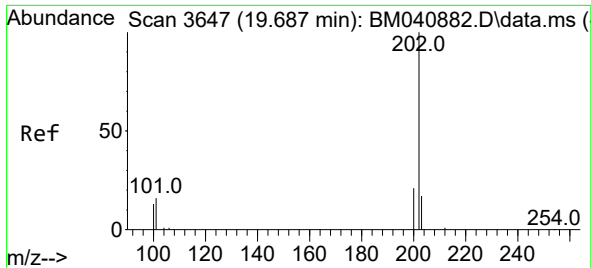
Delta R.T. -0.005 min

Lab File: BM040887.D

Acq: 14 Jul 2023 20:09

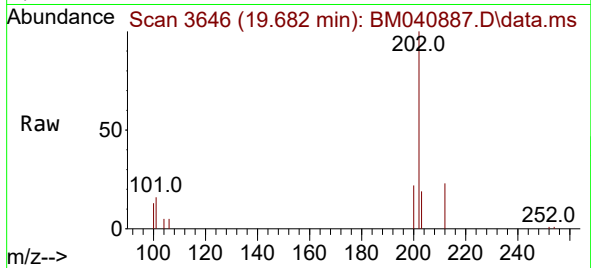
Tgt Ion:202	Resp:	14815
Ion Ratio	Lower	Upper
202	100	
101	13.2	11.4 17.0
100	10.4	8.7 13.1





#20
Pyrene
Concen: 0.335 ng/ul m
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

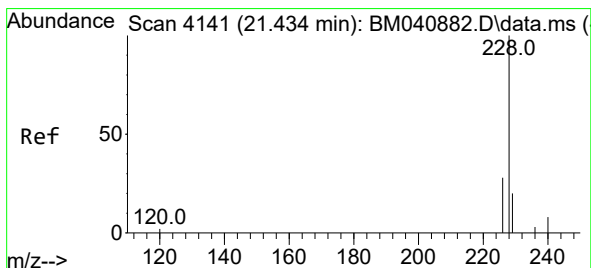
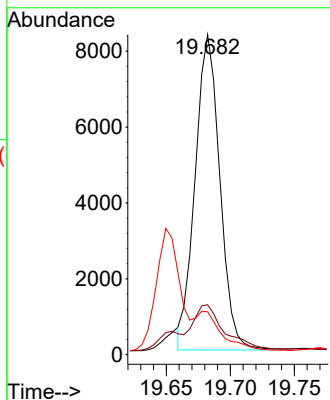
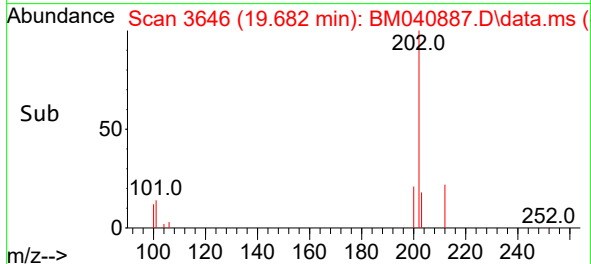
Instrument :
BNA_M
ClientSampleId :
A46H5



Tgt Ion:202 Resp: 1115
Ion Ratio Lower Upper
202 100
101 15.6 12.6 18.8
100 13.4 9.8 14.6

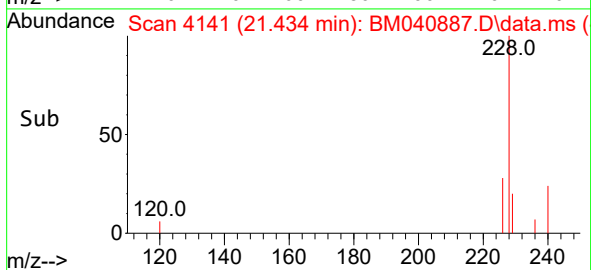
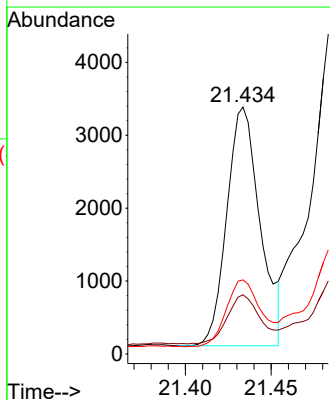
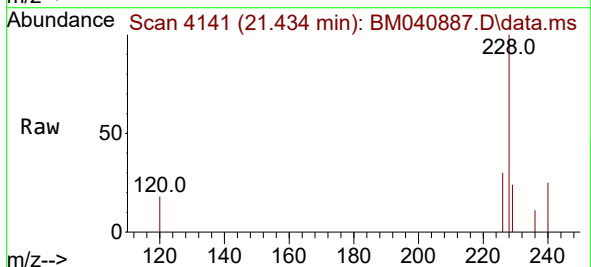
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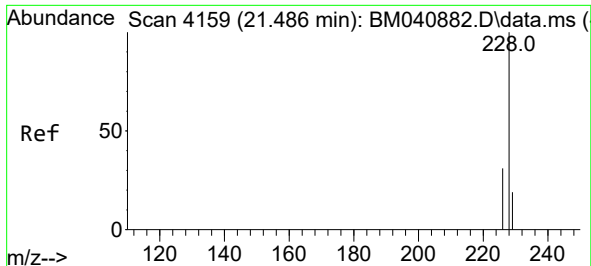
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#21
Benzo(a)anthracene
Concen: 0.179 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. -0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

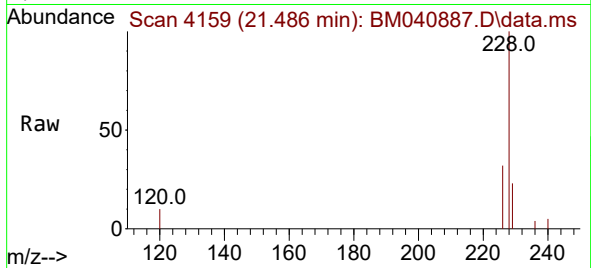
Tgt Ion:228 Resp: 4425
Ion Ratio Lower Upper
228 100
229 24.0 16.0 24.0
226 30.0 22.3 33.5





#22
Chrysene
Concen: 0.253 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

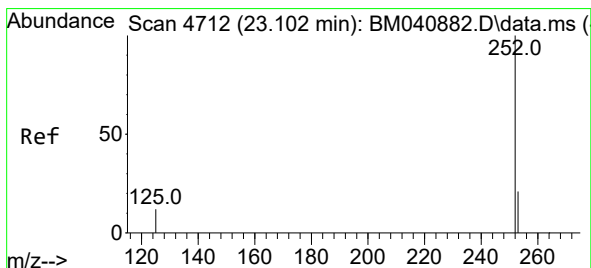
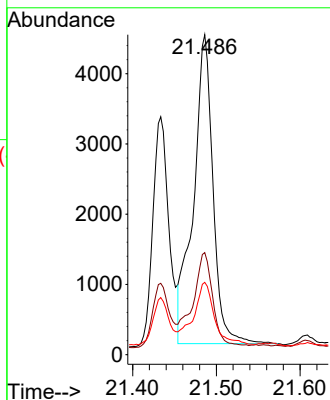
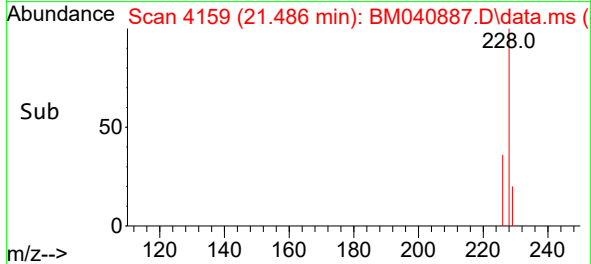
Instrument :
BNA_M
ClientSampleId :
A46H5



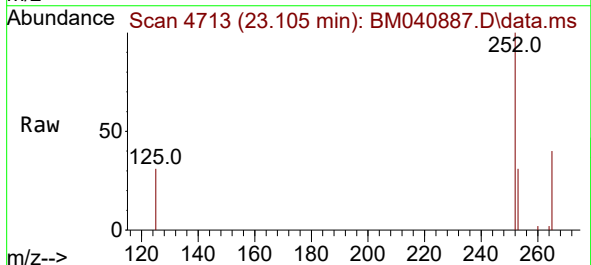
Tgt Ion:228 Resp: 714
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 22.6 15.8 23.6

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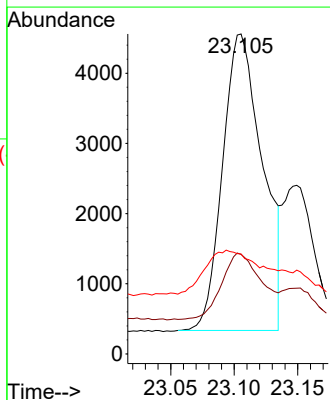
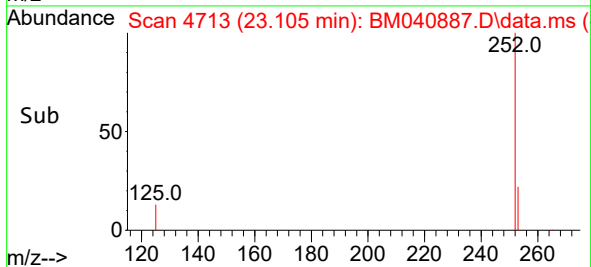
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Supervised By :mohammad ahmed 07/17/2023

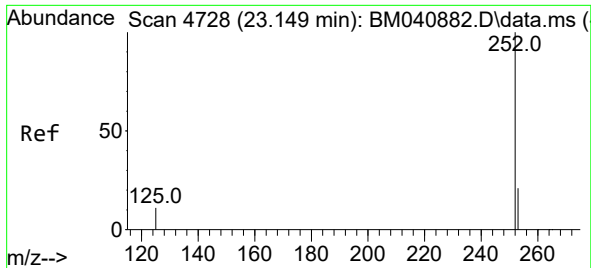


#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09



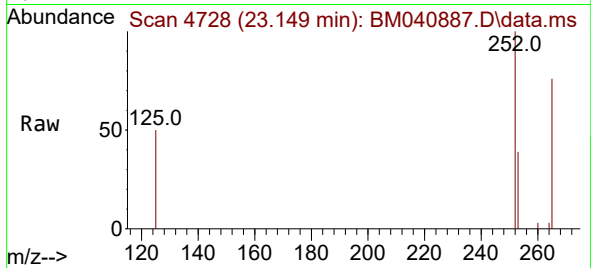
Tgt Ion:252 Resp: 9227
Ion Ratio Lower Upper
252 100
253 31.1 0.0 52.8
125 31.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. 0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

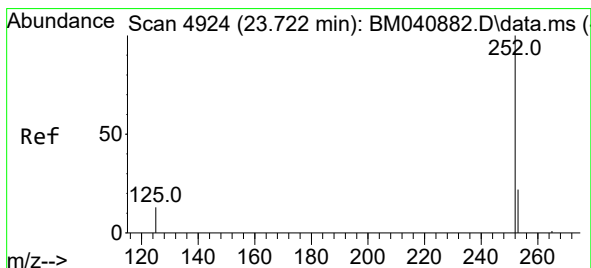
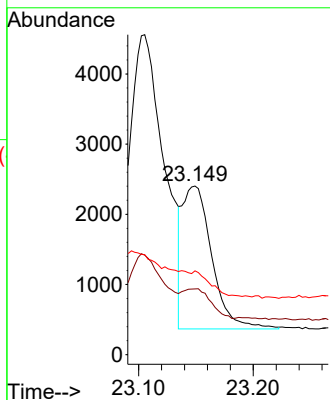
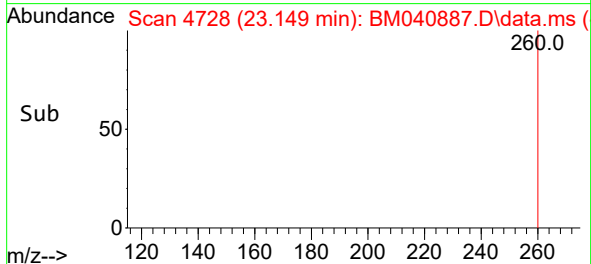
Instrument :
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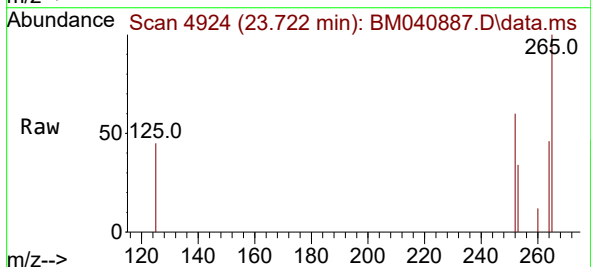
Tgt Ion:252 Resp: 363
Ion Ratio Lower Upper
252 100
253 39.0 21.2 31.8
125 49.7 16.4 24.6

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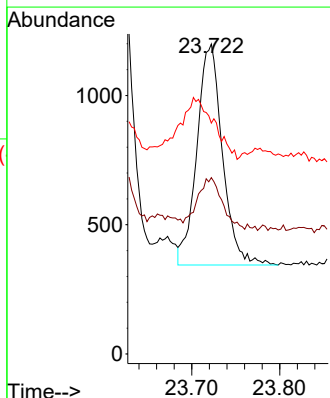
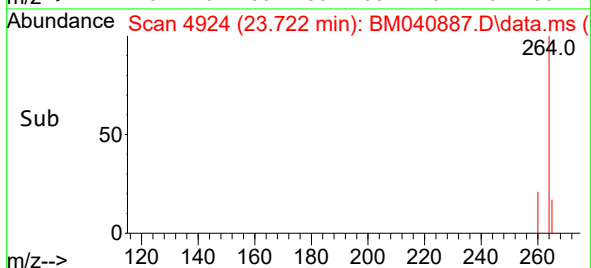
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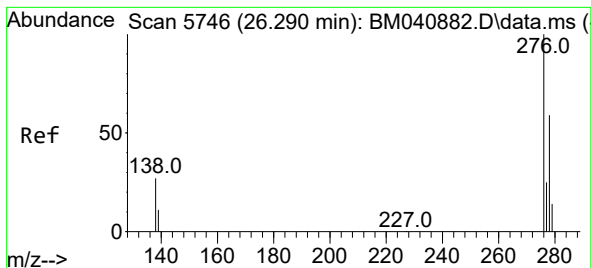


#26
Benzo(a)pyrene
Concen: 0.074 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.000 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09



Tgt Ion:252 Resp: 1729
Ion Ratio Lower Upper
252 100
253 56.9 22.9 34.3#
125 74.5 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

RT: 26.287 min Scan# 51

Delta R.T. -0.003 min

Lab File: BM040887.D

Acq: 14 Jul 2023 20:09

Instrument :

BNA_M

ClientSampleId :

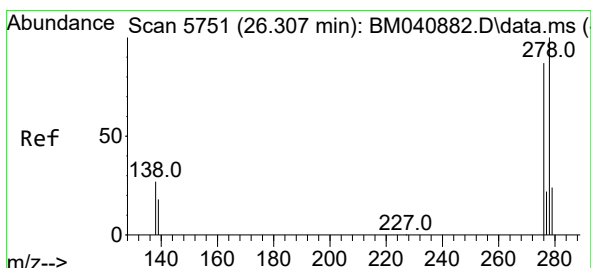
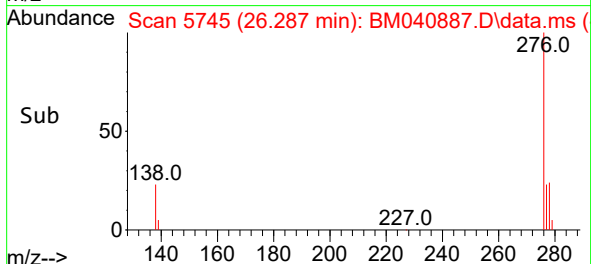
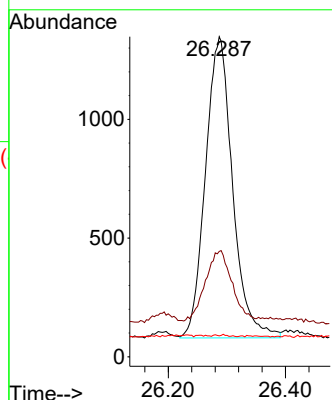
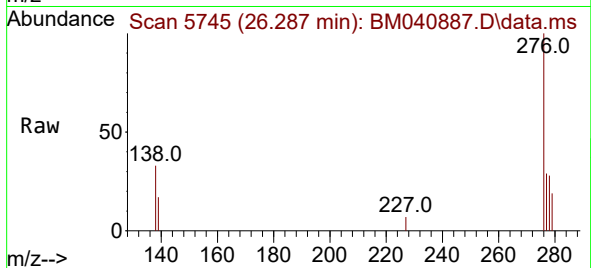
A46H5

Tgt Ion:276 Resp: 407
 Ion Ratio Lower Upper
 276 100
 138 24.9 24.5 36.7
 227 0.2 0.1 0.1

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.048 ng/ul

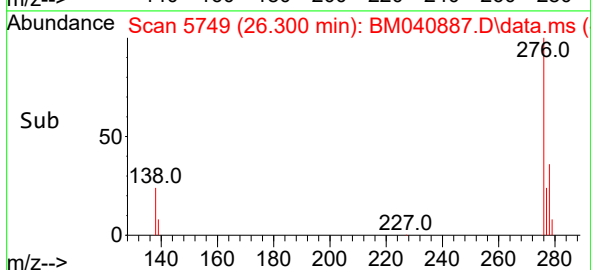
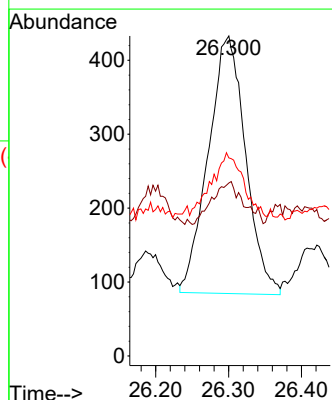
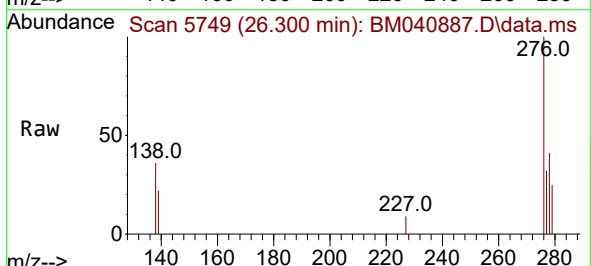
RT: 26.300 min Scan# 5749

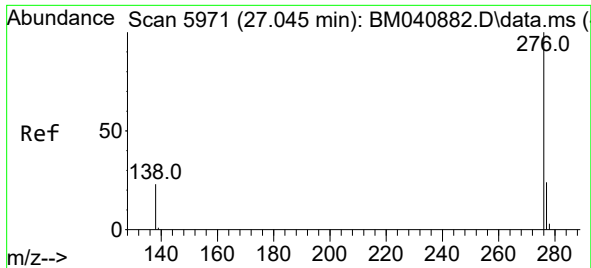
Delta R.T. -0.007 min

Lab File: BM040887.D

Acq: 14 Jul 2023 20:09

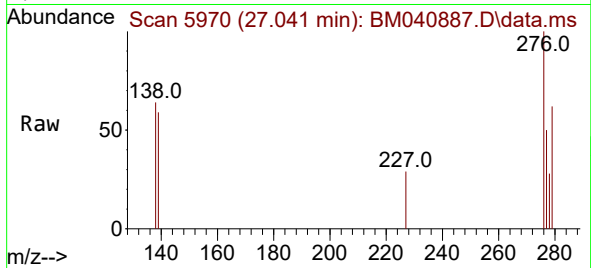
Tgt Ion:278 Resp: 1239
 Ion Ratio Lower Upper
 278 100
 139 54.0 17.9 26.9#
 279 61.9 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 27.041 min Scan# 5970
Delta R.T. -0.003 min
Lab File: BM040887.D
Acq: 14 Jul 2023 20:09

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 783
Ion Ratio Lower Upper
276 100
138 63.8 23.0 34.6
277 49.7 20.3 30.5

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