

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043073.D
 Acq On : 28 Nov 2023 15:55
 Operator : MA/JU
 Sample : 05261-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKT5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 16:41:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	1005m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2796	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.454	164	1713m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3601	0.400	ng/ul	-0.03
17) Chrysene-d12	21.400	240	2830	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	2361m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1162	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	733	0.196	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	2016	0.196	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	170	0.022	ng/ul#	37
7) 2-Methylnaphthalene	12.288	142	96	0.021	ng/ul	96
8) 1-Methylnaphthalene	12.502	142	113	0.023	ng/ul	86
11) Acenaphthene	14.519	153	241	0.036	ng/ul	94
12) Fluorene	15.509	166	303	0.045	ng/ul#	94
15) Phenanthrene	17.250	178	4103	0.399	ng/ul	96
16) Anthracene	17.342	178	1143m	0.117	ng/ul	
19) Fluoranthene	19.270	202	7978	0.497	ng/ul#	95
20) Pyrene	19.633	202	6816	0.399	ng/ul	98
21) Benzo(a)anthracene	21.383	228	3440	0.375	ng/ul	98
22) Chrysene	21.435	228	3265	0.191	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	3922	0.492	ng/ul	96
25) Benzo(k)fluoranthene	23.075	252	2115m	0.193	ng/ul	
26) Benzo(a)pyrene	23.642	252	2366	0.272	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.215	276	1920	0.163	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.212	278	444	0.049	ng/ul#	34
29) Benzo(g,h,i)perylene	26.980	276	1867	0.163	ng/ul#	87

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

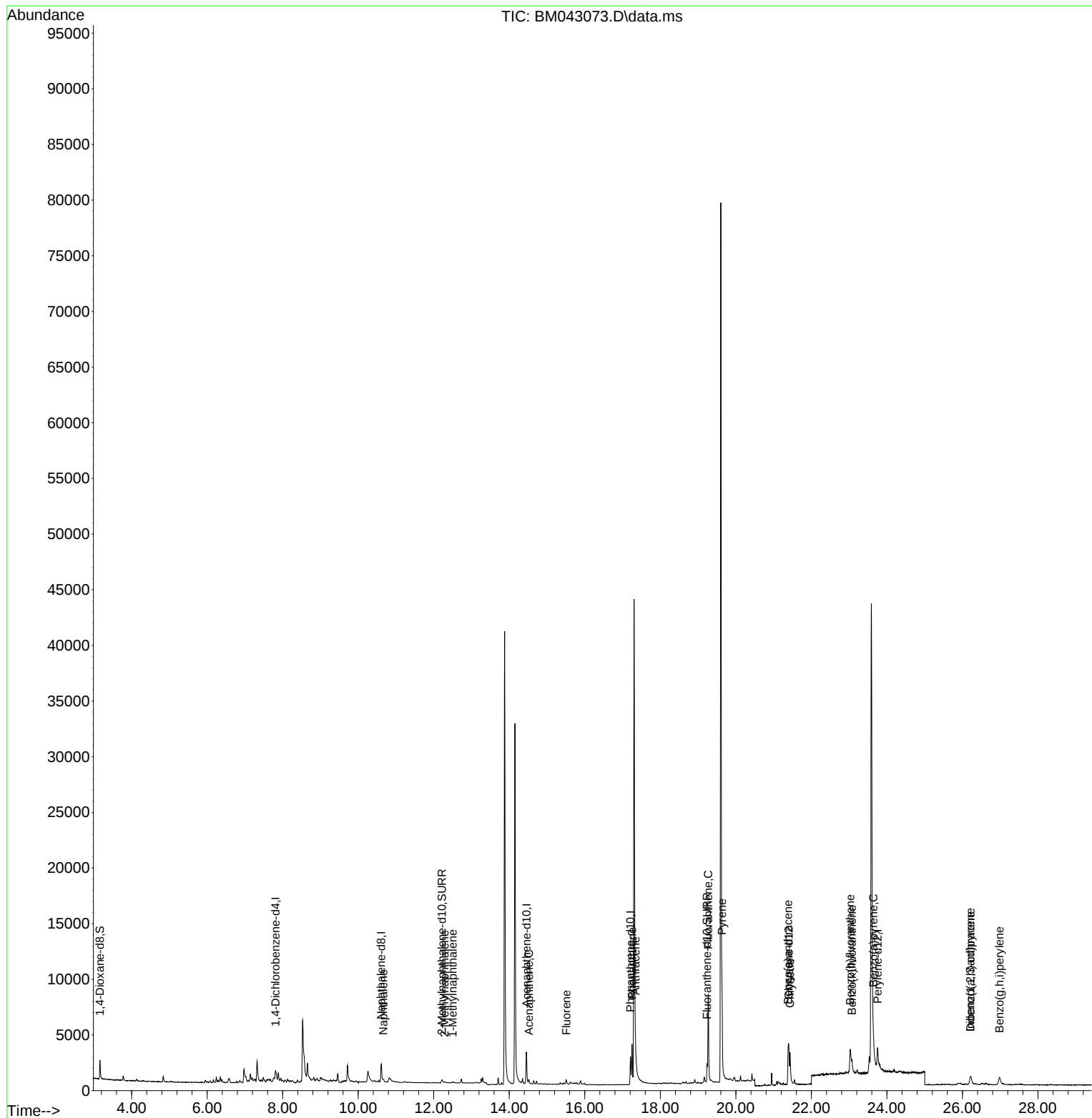
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043073.D
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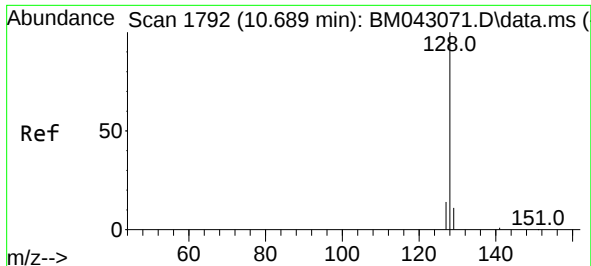
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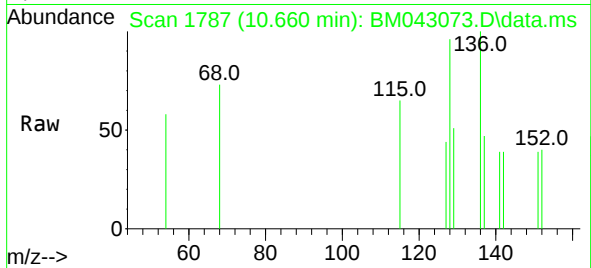
Quant Time: Nov 28 16:41:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/u1
RT: 10.660 min Scan# 1792
Delta R.T. -0.038 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

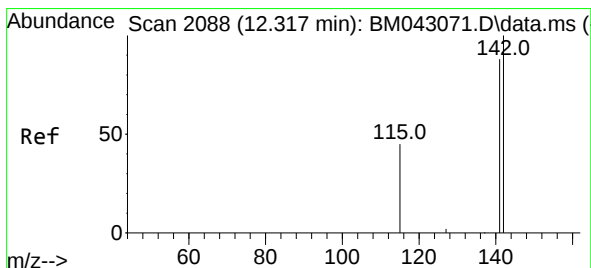
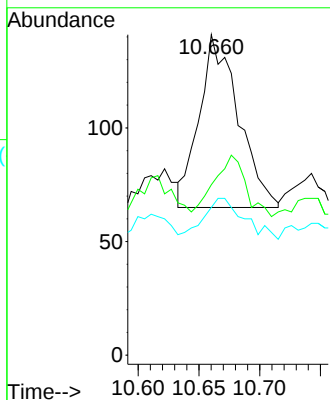
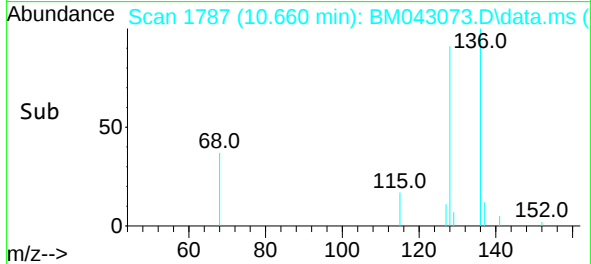
Instrument :
BNA_M
ClientSampleId :
DCKT5



Tgt Ion:128 Resp: 170
Ion Ratio Lower Upper
128 100
129 53.2 16.0 24.0
127 46.1 16.5 24.7

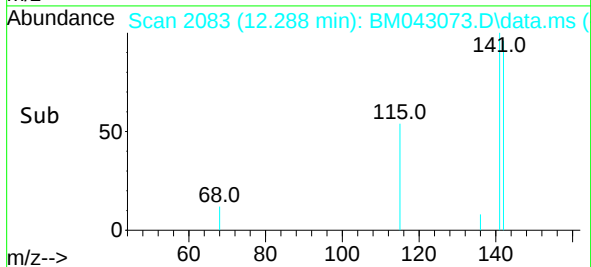
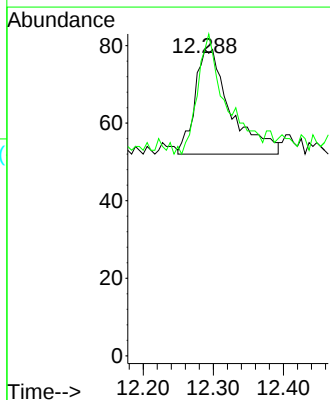
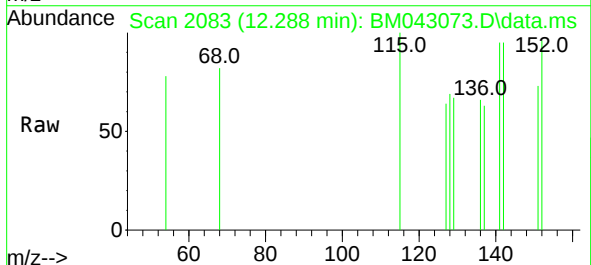
Manual Integrations
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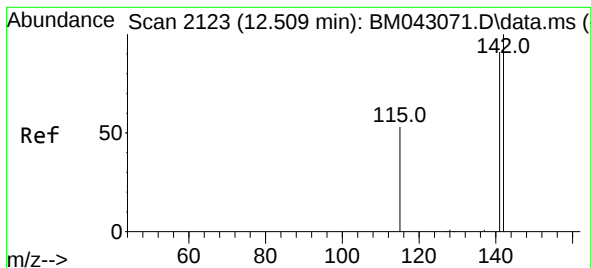
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/u1
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
142 100
141 91.7 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.023 ng/u1

RT: 12.502 min Scan# 2122

Delta R.T. -0.016 min

Lab File: BM043073.D

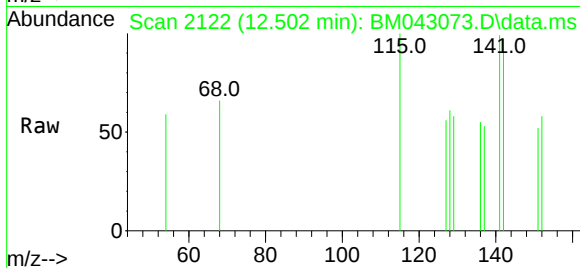
Acq: 28 Nov 2023 15:55

Instrument :

BNA_M

ClientSampleId :

DCKT5



Tgt Ion:142 Resp: 111

Ion Ratio Lower Upper

142 100

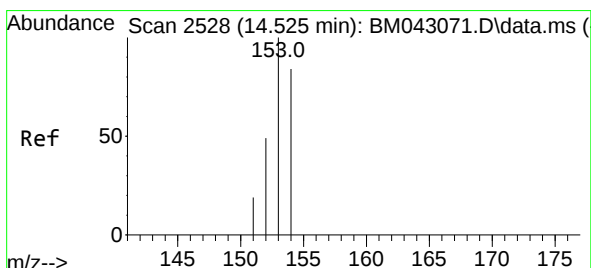
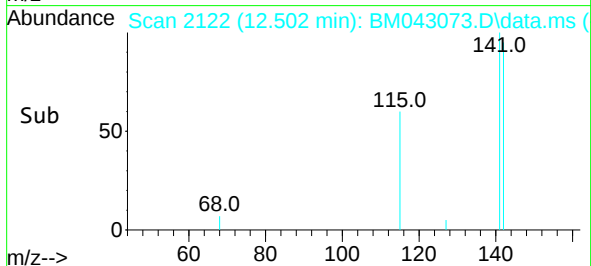
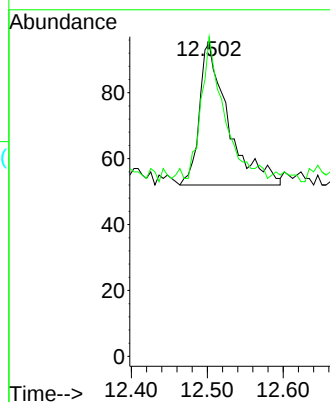
141 78.8 73.8 110.8

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#11

Acenaphthene

Concen: 0.036 ng/u1

RT: 14.519 min Scan# 2527

Delta R.T. -0.014 min

Lab File: BM043073.D

Acq: 28 Nov 2023 15:55

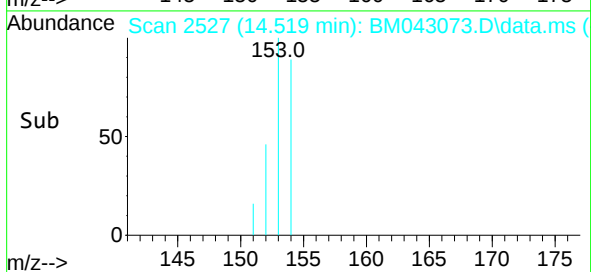
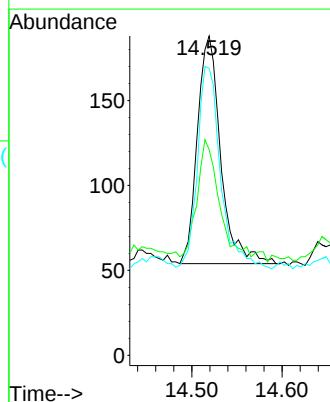
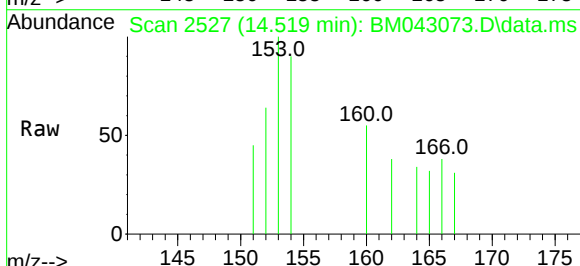
Tgt Ion:153 Resp: 241

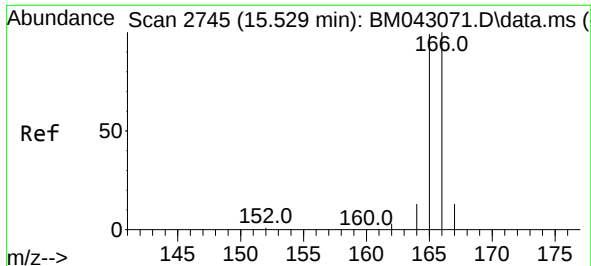
Ion Ratio Lower Upper

153 100

152 64.4 43.9 65.9

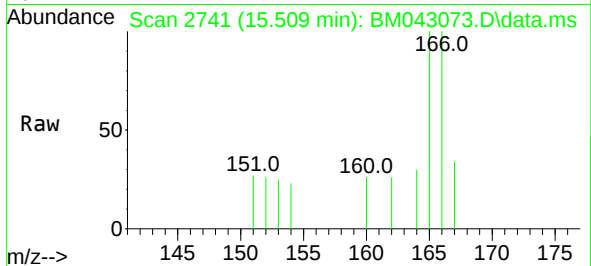
154 89.9 70.6 105.8





#12
Fluorene
Concen: 0.045 ng/u1
RT: 15.509 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

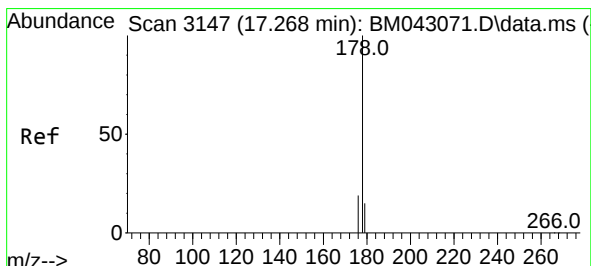
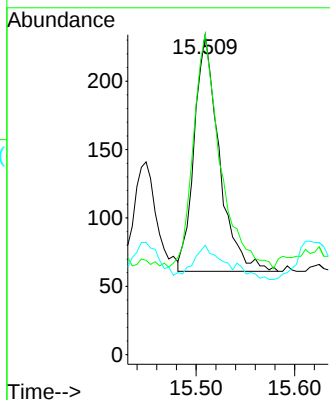
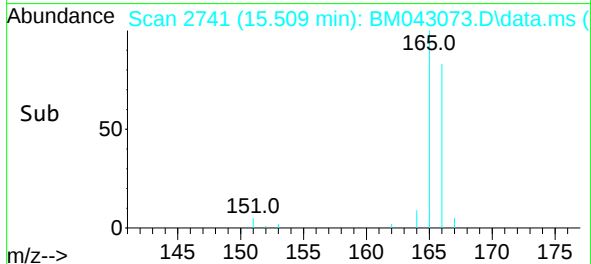
Instrument :
BNA_M
ClientSampleId :
DCKT5



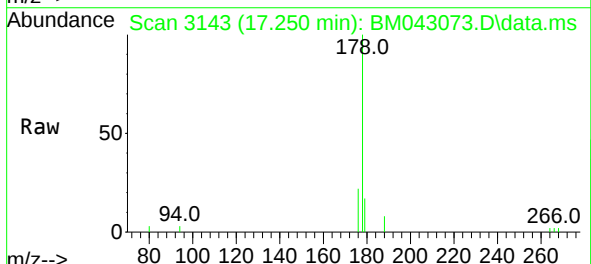
Tgt Ion:166 Resp: 300
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 34.2 14.2 21.4

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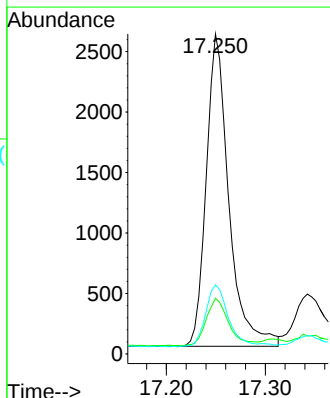
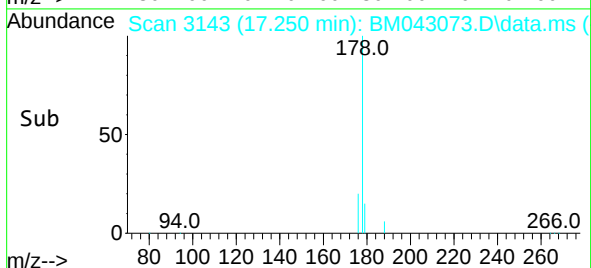
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

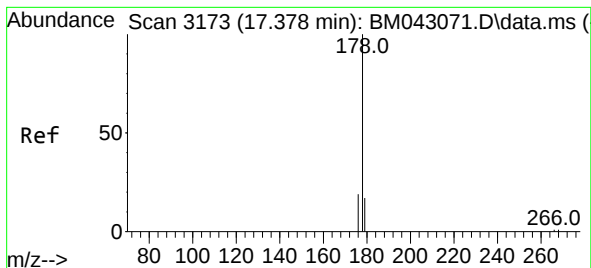


#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55



Tgt Ion:178 Resp: 4103
Ion Ratio Lower Upper
178 100
179 17.4 15.7 23.5
176 21.6 18.9 28.3





#16

Anthracene

Concen: 0.117 ng/ul m

RT: 17.342 min Scan# 3173

Delta R.T. -0.051 min

Lab File: BM043073.D

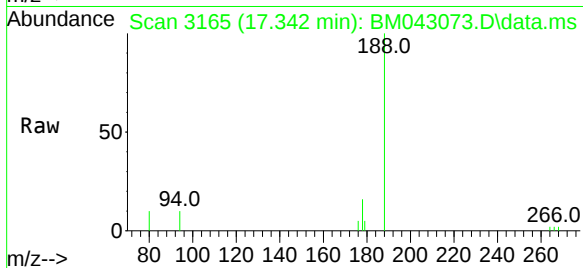
Acq: 28 Nov 2023 15:55

Instrument :

BNA_M

ClientSampleId :

DCKT5



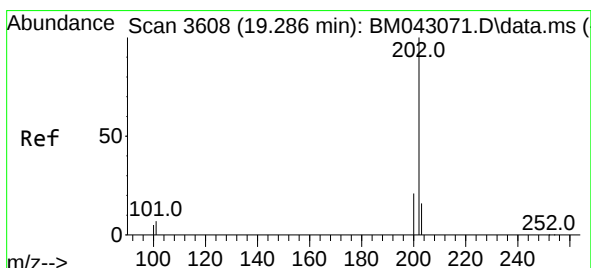
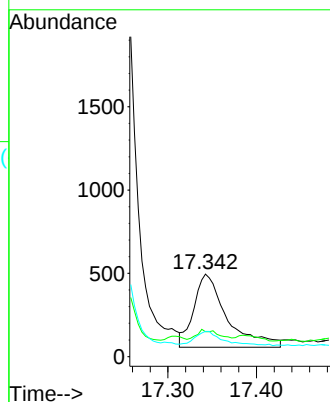
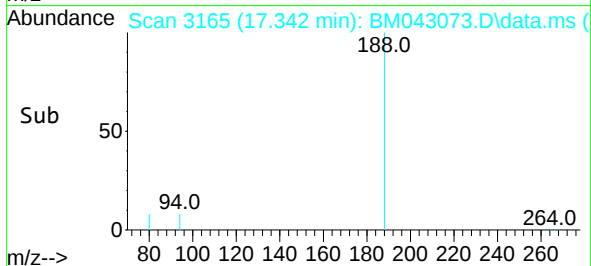
Tgt Ion:	178	Resp:	114
Ion Ratio	Lower	Upper	
178	100		
179	30.3	17.3	25.9
176	30.5	20.5	30.7

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#19

Fluoranthene

Concen: 0.497 ng/ul

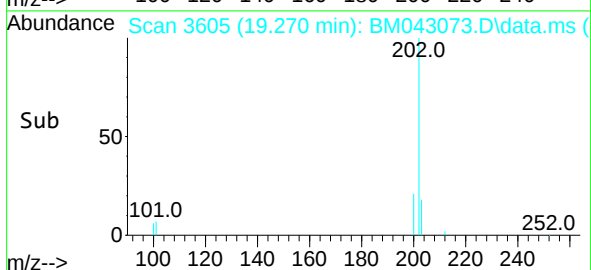
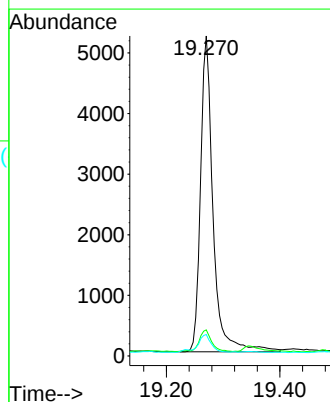
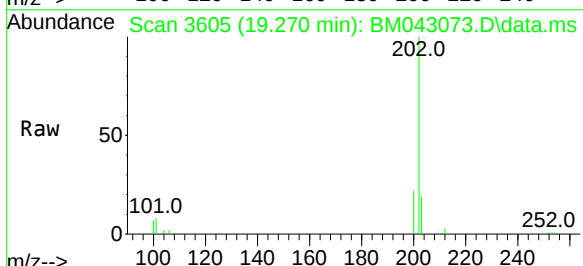
RT: 19.270 min Scan# 3605

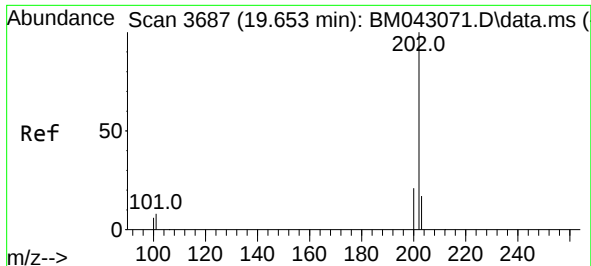
Delta R.T. -0.023 min

Lab File: BM043073.D

Acq: 28 Nov 2023 15:55

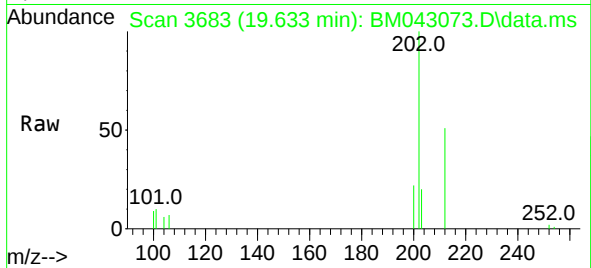
Tgt Ion:	202	Resp:	7978
Ion Ratio	Lower	Upper	
202	100		
101	8.2	7.8	11.8
100	6.7	7.1	10.7





#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.633 min Scan# 30
Delta R.T. -0.028 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

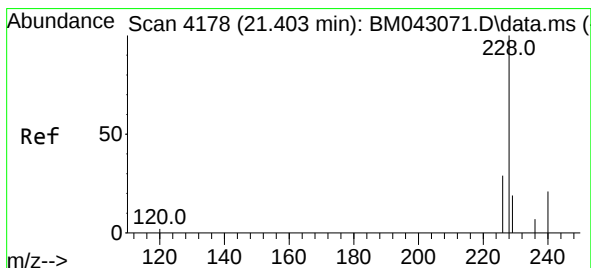
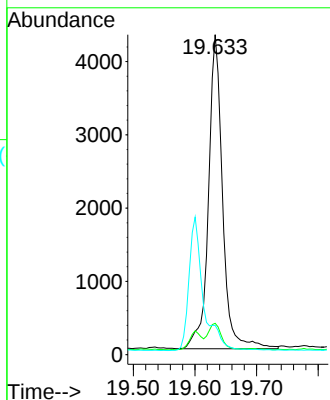
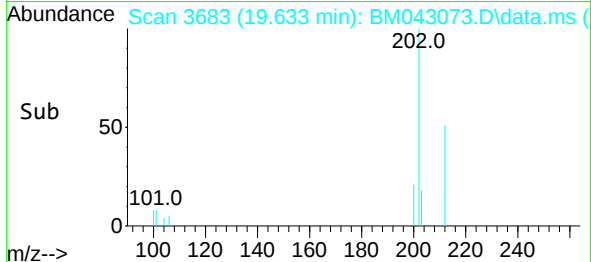
Instrument :
BNA_M
ClientSampleId :
DCKT5



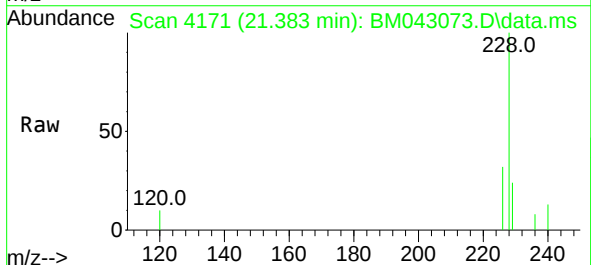
Tgt Ion:202 Resp: 6810
Ion Ratio Lower Upper
202 100
101 9.8 8.7 13.1
100 9.1 7.8 11.8

Manual Integrations
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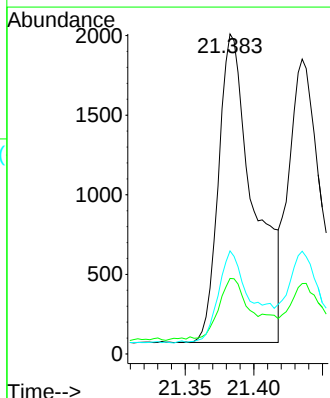
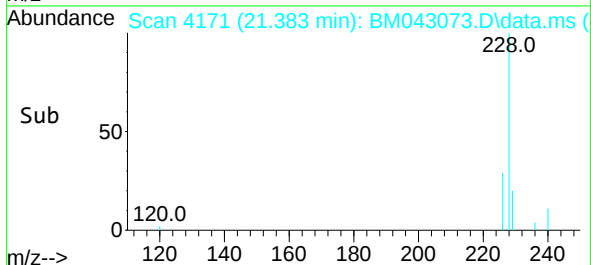
Reviewed By :Yogesh Patel 11/29/2023
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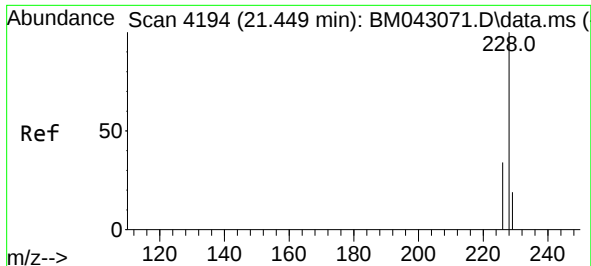


#21
Benzo(a)anthracene
Concen: 0.375 ng/u1
RT: 21.383 min Scan# 4171
Delta R.T. -0.029 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55



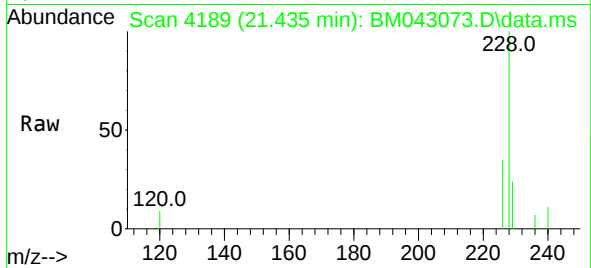
Tgt Ion:228 Resp: 3440
Ion Ratio Lower Upper
228 100
229 23.6 19.4 29.0
226 32.2 24.9 37.3





#22
Chrysene
Concen: 0.191 ng/u1
RT: 21.435 min Scan# 4189
Delta R.T. -0.023 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

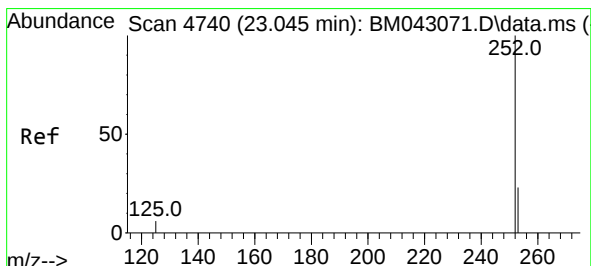
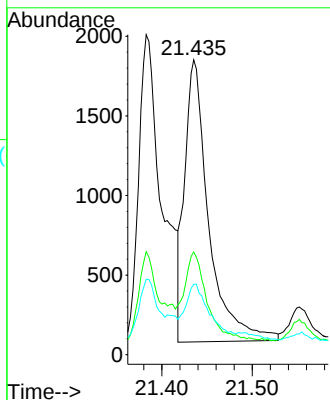
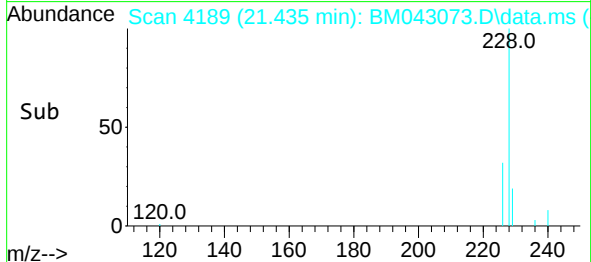
Instrument :
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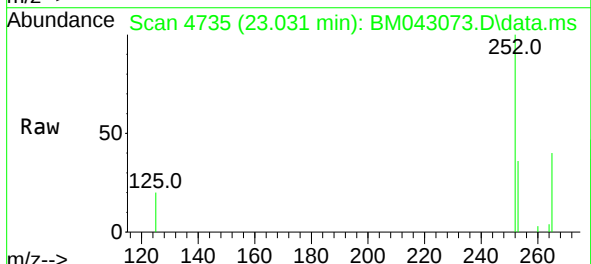
Tgt Ion:228 Resp: 326
Ion Ratio Lower Upper
228 100
226 34.8 27.2 40.8
229 23.9 18.0 27.0

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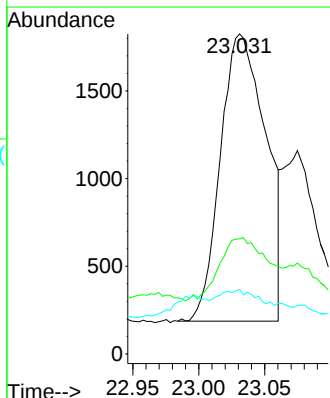
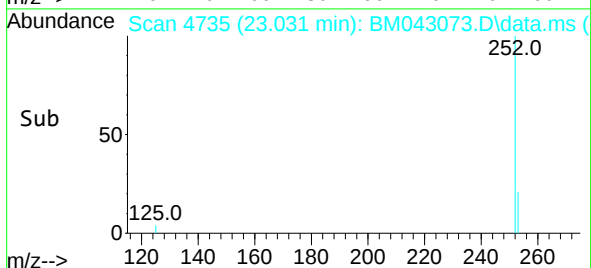
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

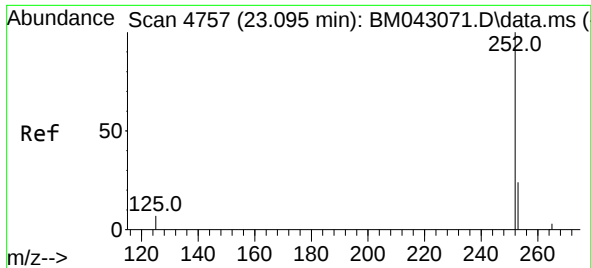


#24
Benzo(b)fluoranthene
Concen: 0.492 ng/u1
RT: 23.031 min Scan# 4735
Delta R.T. -0.020 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55



Tgt Ion:252 Resp: 3922
Ion Ratio Lower Upper
252 100
253 36.0 0.0 71.8
125 20.2 0.0 29.0





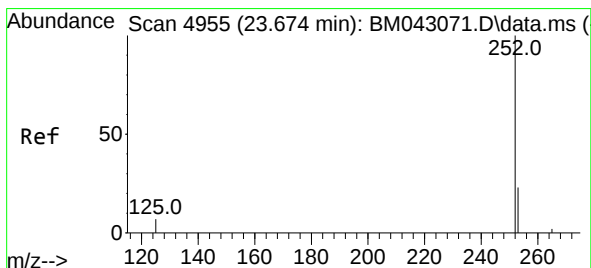
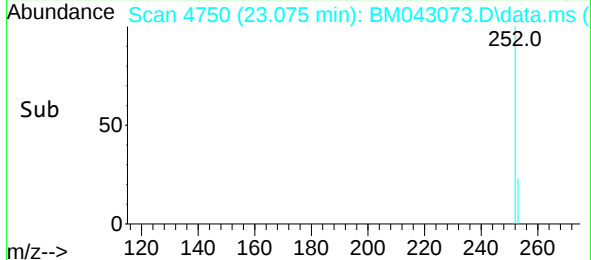
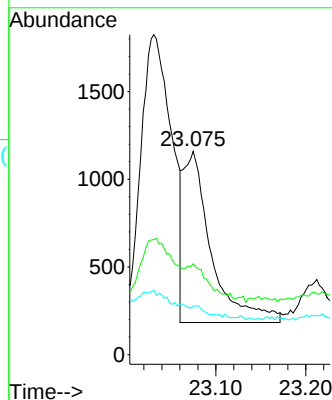
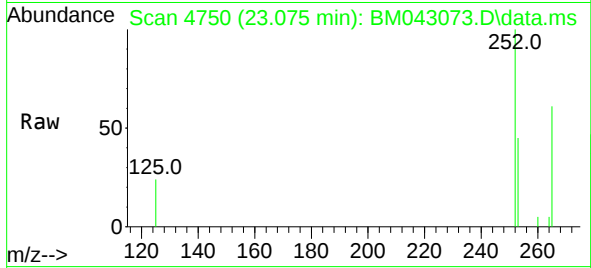
#25
Benzo(k)fluoranthene
Concen: 0.193 ng/ul m
RT: 23.075 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

Instrument :
BNA_M
ClientSampleId :
DCKT5

Tgt Ion:252 Resp: 211
Ion Ratio Lower Upper
252 100
253 44.7 28.2 42.2
125 23.8 11.0 16.6

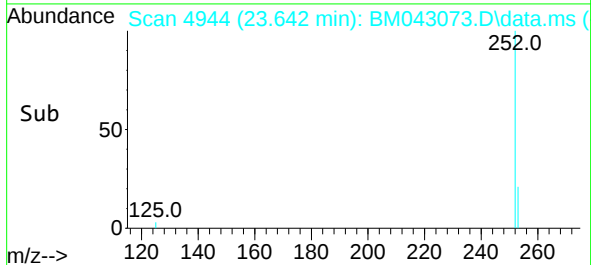
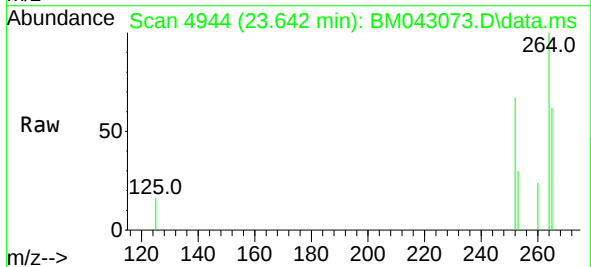
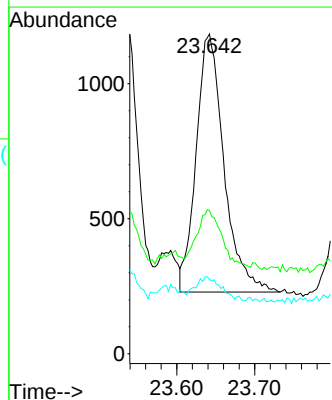
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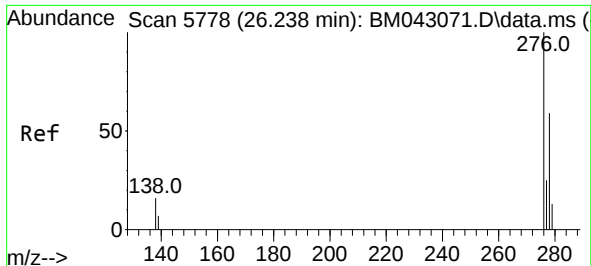
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.642 min Scan# 4944
Delta R.T. -0.044 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

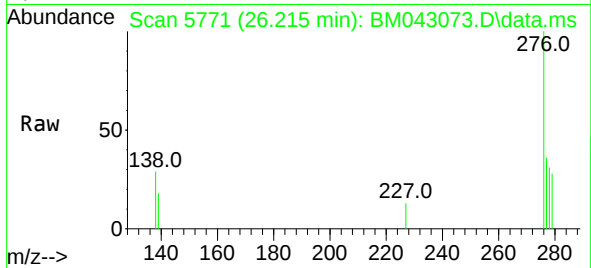
Tgt Ion:252 Resp: 2366
Ion Ratio Lower Upper
252 100
253 44.8 36.6 55.0
125 23.2 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 26.215 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

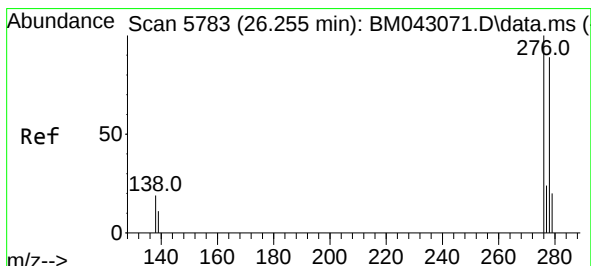
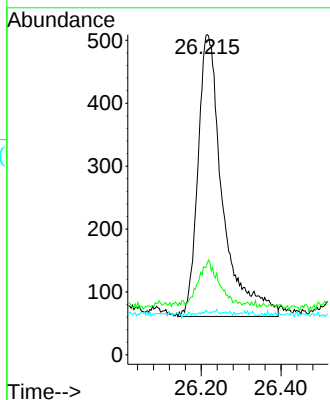
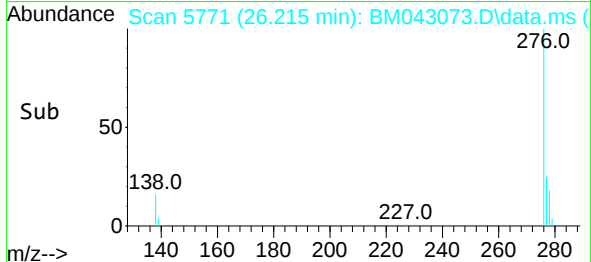
Instrument :
BNA_M
ClientSampleId :
DCKT5



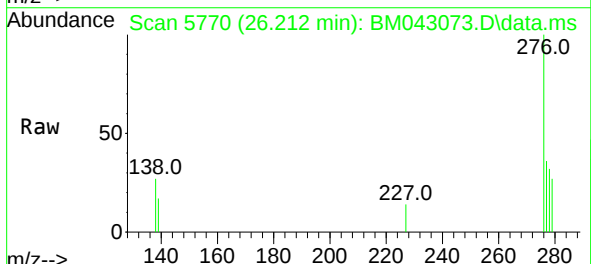
Tgt Ion:276 Resp: 1920
Ion Ratio Lower Upper
276 100
138 14.8 0.0 0.0#
227 0.0 0.2 0.2#

Manual Integrations
APPROVED

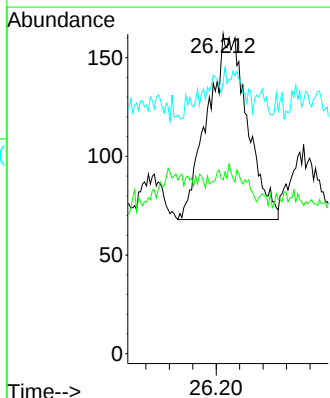
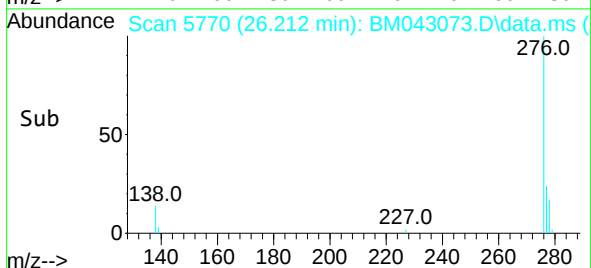
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

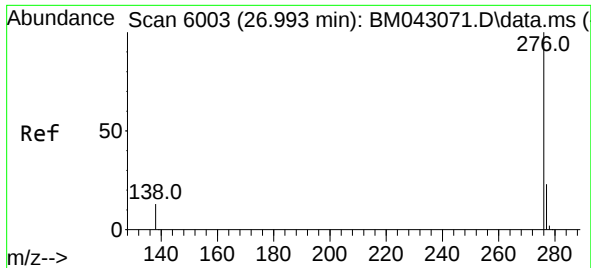


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.212 min Scan# 5770
Delta R.T. -0.064 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55



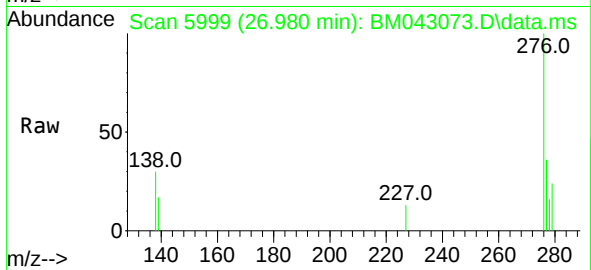
Tgt Ion:278 Resp: 444
Ion Ratio Lower Upper
278 100
139 54.3 18.1 27.1#
279 85.2 34.4 51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.163 ng/ul
RT: 26.980 min Scan# 5999
Delta R.T. -0.030 min
Lab File: BM043073.D
Acq: 28 Nov 2023 15:55

Instrument :
BNA_M
ClientSampleId :
DCKT5



Tgt Ion: 276 Resp: 186
Ion Ratio Lower Upper
276 100
138 29.5 17.8 26.8
277 35.6 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

