

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043065.D
 Acq On : 28 Nov 2023 00:51
 Operator : MA/JU
 Sample : 05416-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH5

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 05:20:30 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	946m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	2899	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.451	164	1763m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.209	188	3759	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.406	240	2642	0.400	ng/ul	#-0.02
23) Perylene-d12	23.756	264	1930m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1589	1.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	325	0.084	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	950	0.099	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.662	128	770	0.098	ng/ul	93
7) 2-Methylnaphthalene	12.306	142	295	0.063	ng/ul	91
8) 1-Methylnaphthalene	12.509	142	236	0.046	ng/ul	96
10) Acenaphthylene	14.178	152	415	0.046	ng/ul#	72
12) Fluorene	15.511	166	188	0.027	ng/ul#	88
15) Phenanthrene	17.251	178	2650	0.247	ng/ul	98
16) Anthracene	17.344	178	683m	0.067	ng/ul	
19) Fluoranthene	19.272	202	6051	0.404	ng/ul#	94
20) Pyrene	19.634	202	7035	0.442	ng/ul	96
21) Benzo(a)anthracene	21.388	228	3322	0.388	ng/ul	98
22) Chrysene	21.444	228	3142	0.197	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	3854	0.592	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	1539m	0.172	ng/ul	
26) Benzo(a)pyrene	23.642	252	2580	0.363	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.218	276	1699	0.177	ng/ul#	100
29) Benzo(g,h,i)perylene	26.979	276	1713	0.183	ng/ul#	89

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

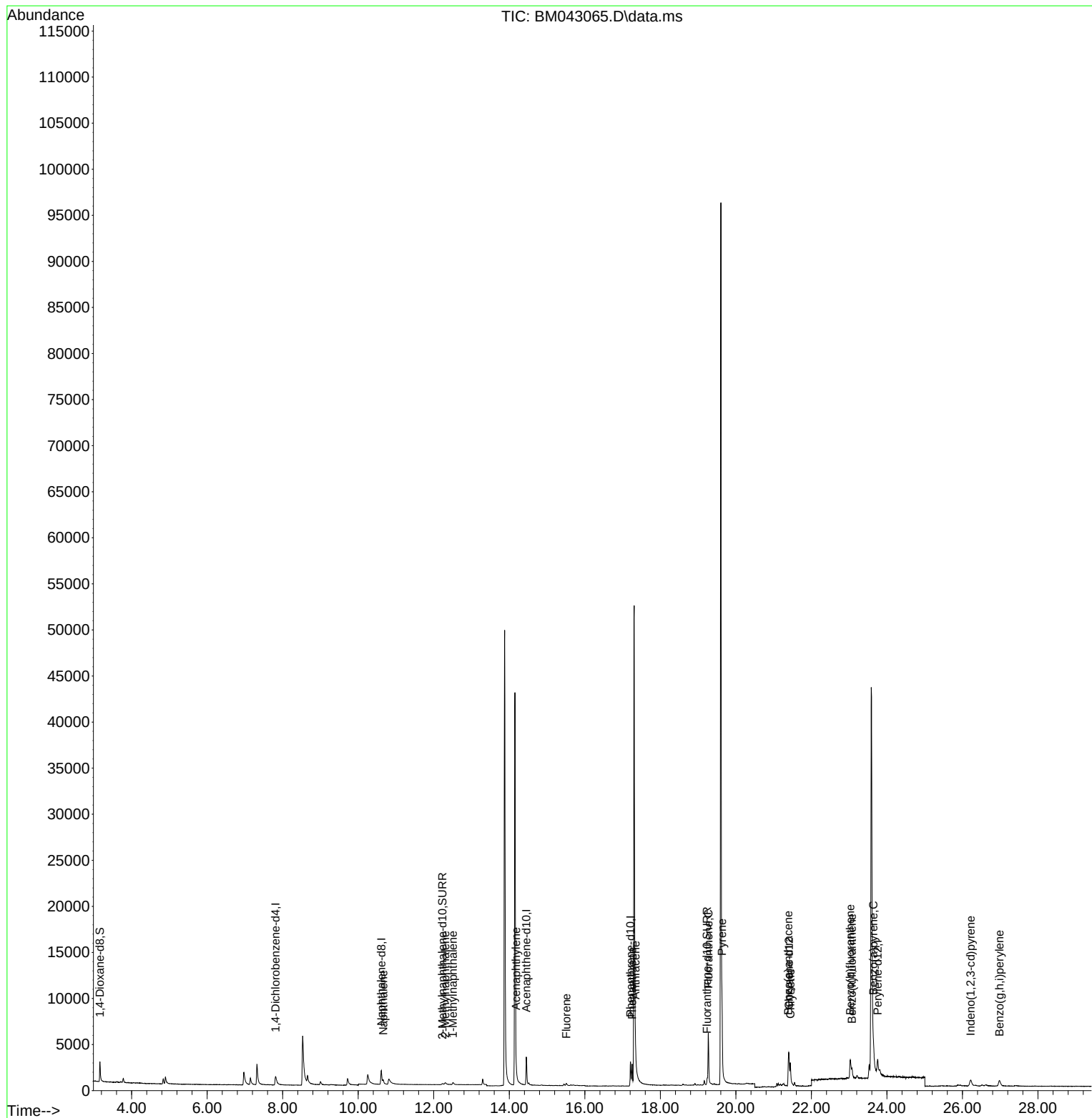
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043065.D
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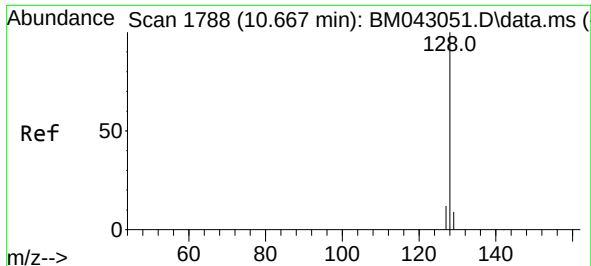
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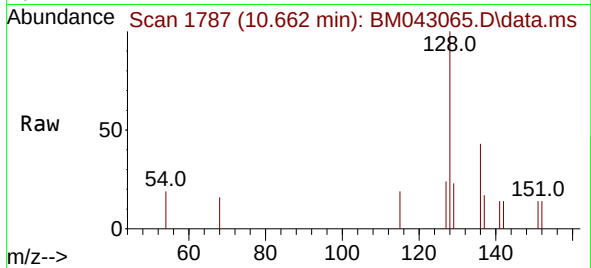
Quant Time: Nov 28 05:20:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.037 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

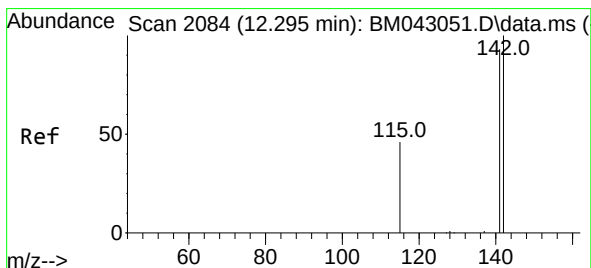
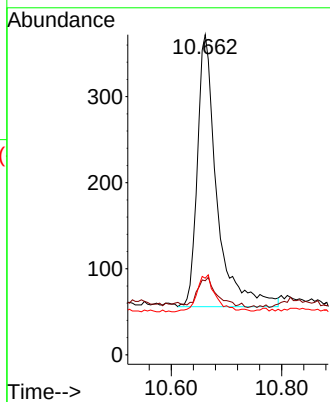
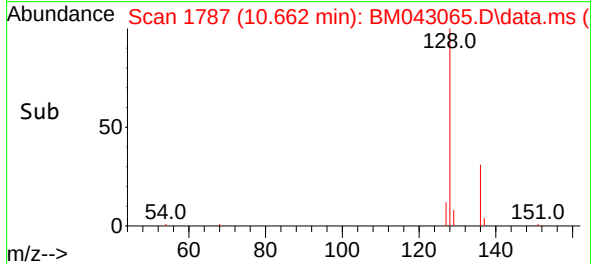
Instrument :
BNA_M
ClientSampleId :
C0AH5



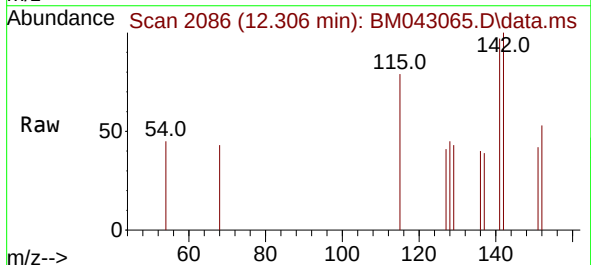
Tgt Ion:128 Resp: 770
Ion Ratio Lower Upper
128 100
129 23.1 16.0 24.0
127 23.9 16.5 24.7

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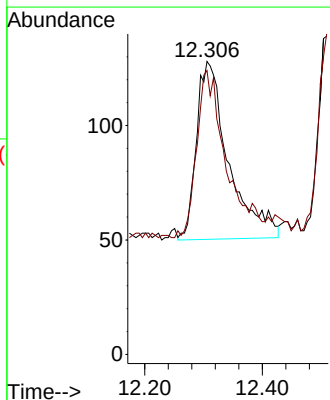
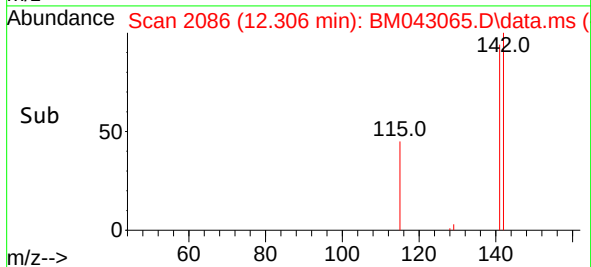
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

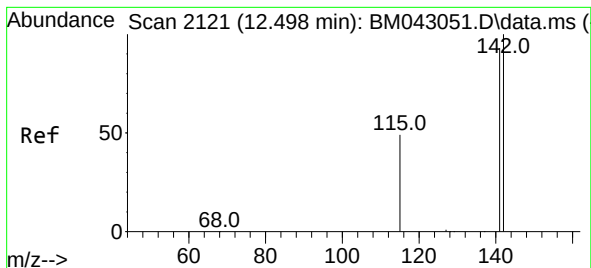


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.306 min Scan# 2086
Delta R.T. -0.026 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51



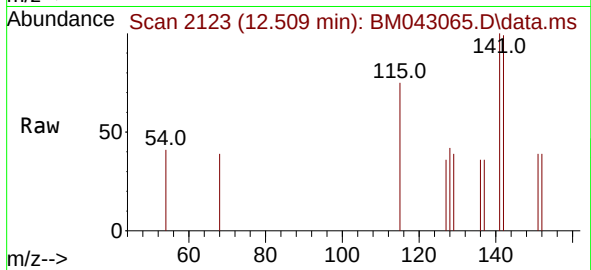
Tgt Ion:142 Resp: 295
Ion Ratio Lower Upper
142 100
141 86.8 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.509 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

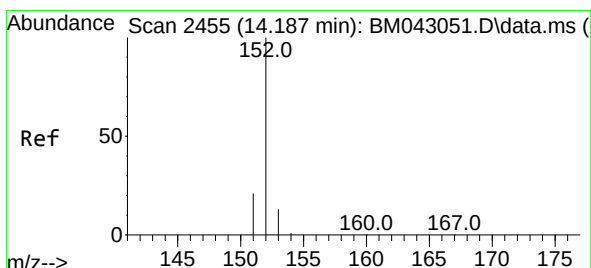
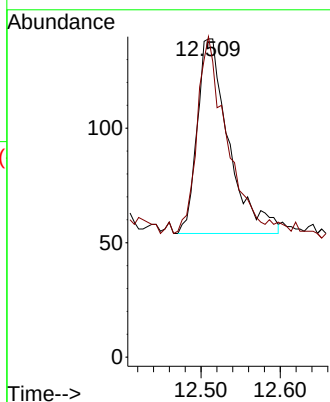
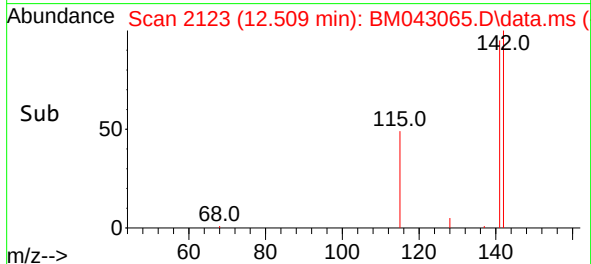
Instrument :
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Tgt Ion:142 Resp: 230
Ion Ratio Lower Upper
142 100
141 95.8 73.8 110.8

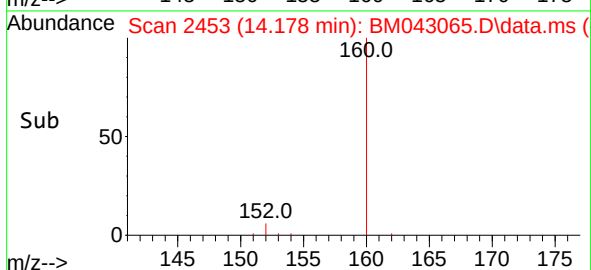
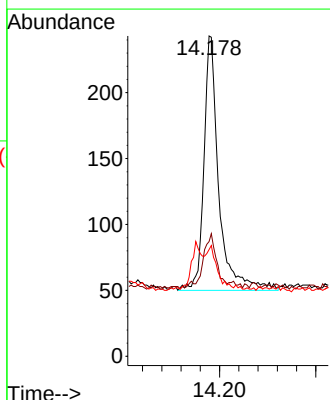
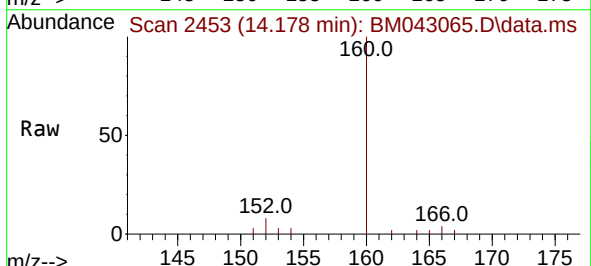
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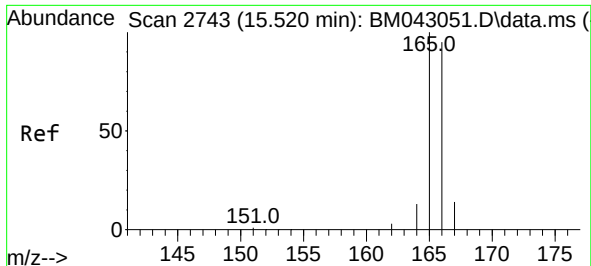
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.178 min Scan# 2453
Delta R.T. -0.026 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

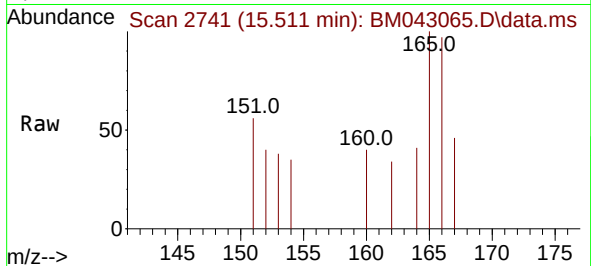
Tgt Ion:152 Resp: 415
Ion Ratio Lower Upper
152 100
151 35.8 19.4 29.0#
153 33.3 14.6 21.8#





#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.511 min Scan# 21
Delta R.T. -0.026 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

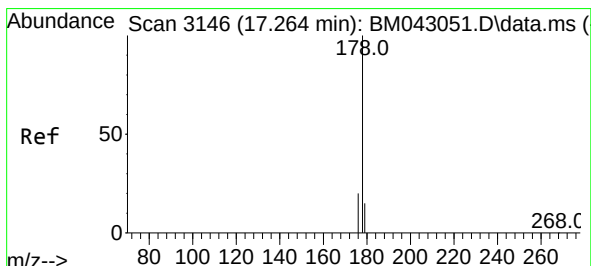
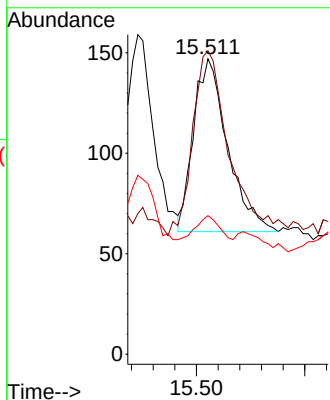
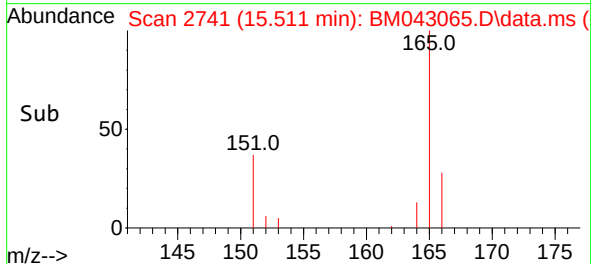
Instrument :
BNA_M
ClientSampleId :
C0AH5



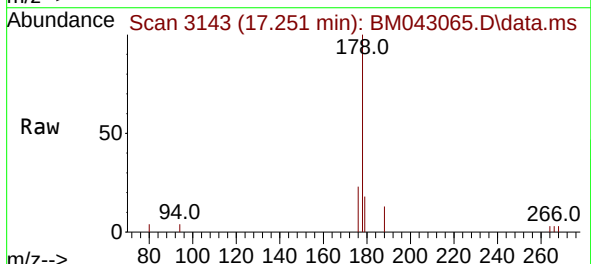
Tgt Ion:166 Resp: 188
Ion Ratio Lower Upper
166 100
165 102.7 79.9 119.9
167 46.9 14.2 21.4

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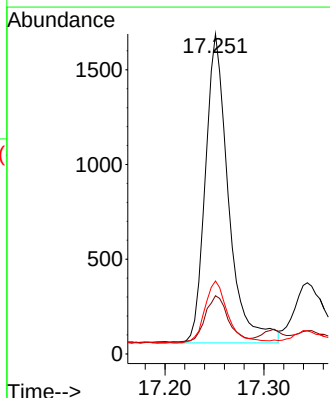
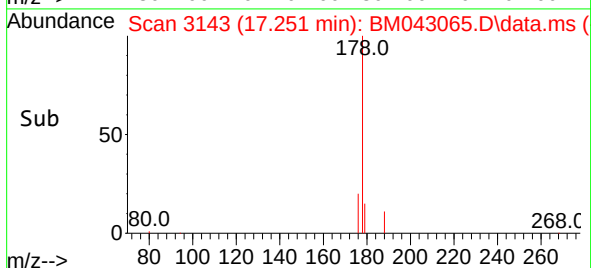
Reviewed By :Yogesh Patel 11/29/2023
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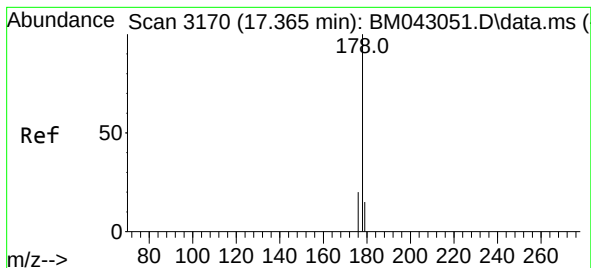


#15
Phenanthrene
Concen: 0.247 ng/u1
RT: 17.251 min Scan# 3143
Delta R.T. -0.028 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51



Tgt Ion:178 Resp: 2650
Ion Ratio Lower Upper
178 100
179 18.2 15.7 23.5
176 22.8 18.9 28.3





#16

Anthracene

Concen: 0.067 ng/ul m

RT: 17.344 min Scan# 3170

Delta R.T. -0.049 min

Lab File: BM043065.D

Acq: 28 Nov 2023 00:51

Instrument :

BNA_M

ClientSampleId :

C0AH5

Tgt Ion:178 Resp: 683

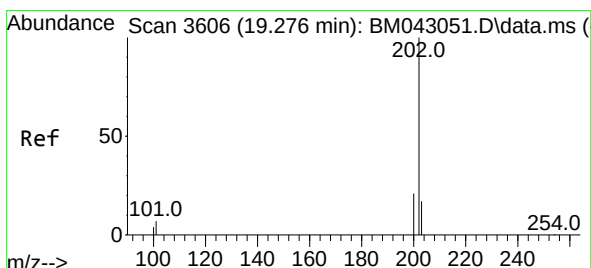
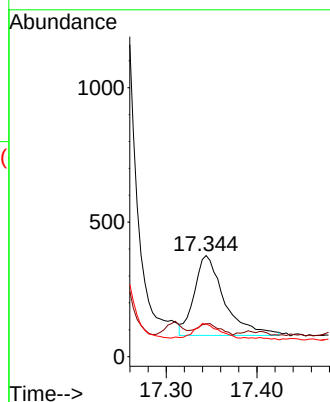
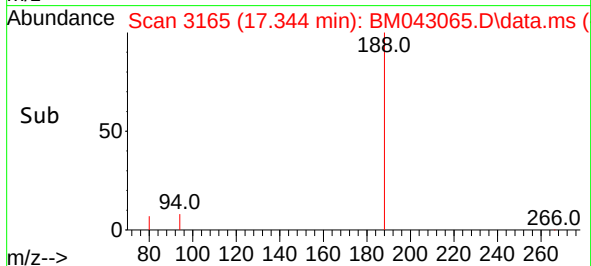
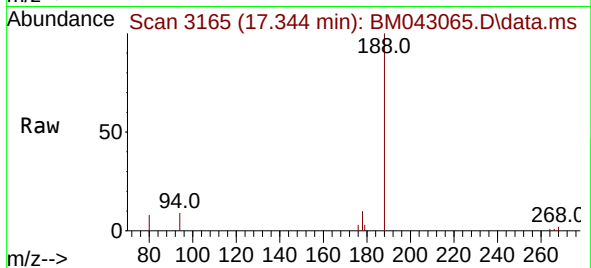
Ion	Ratio	Lower	Upper
178	100		
179	32.4	17.3	25.9
176	32.2	20.5	30.7

Manual Integrations

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Supervised By :mohammad ahmed 11/29/2023



#19

Fluoranthene

Concen: 0.404 ng/ul

RT: 19.272 min Scan# 3605

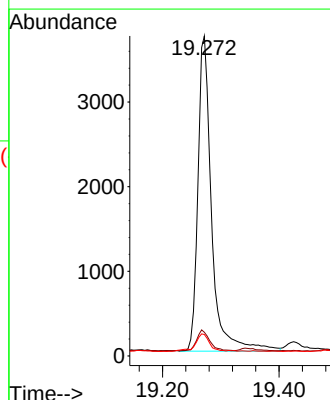
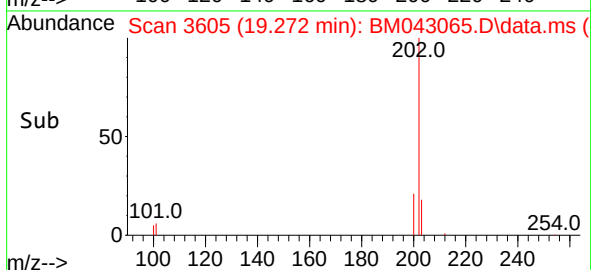
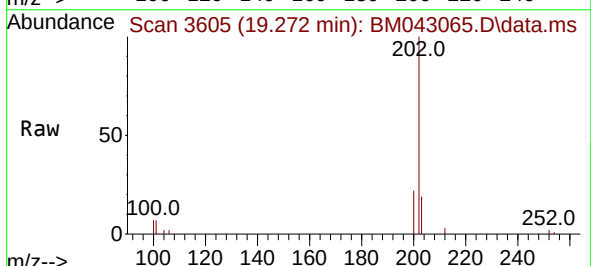
Delta R.T. -0.022 min

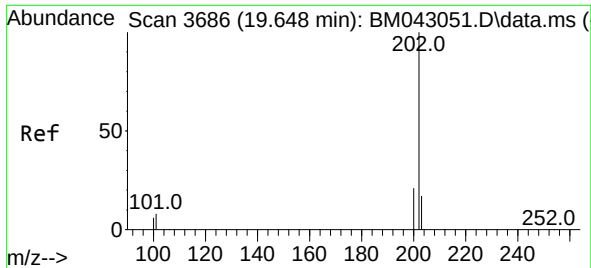
Lab File: BM043065.D

Acq: 28 Nov 2023 00:51

Tgt Ion:202 Resp: 6051

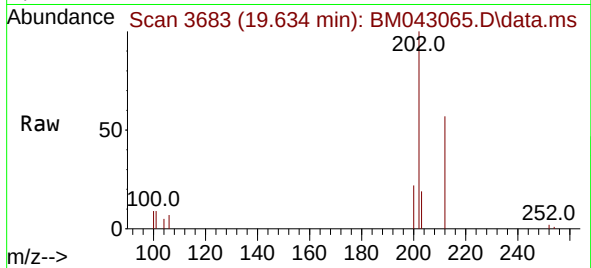
Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.8	11.8
100	6.7	7.1	10.7





#20
Pyrene
Concen: 0.442 ng/u1
RT: 19.634 min Scan# 30
Delta R.T. -0.026 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

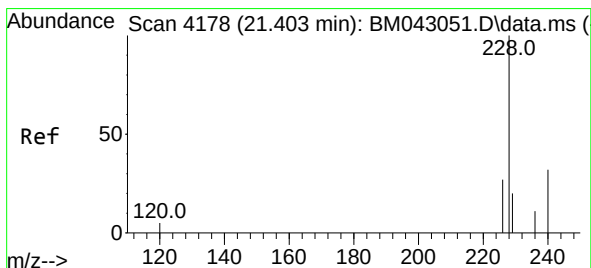
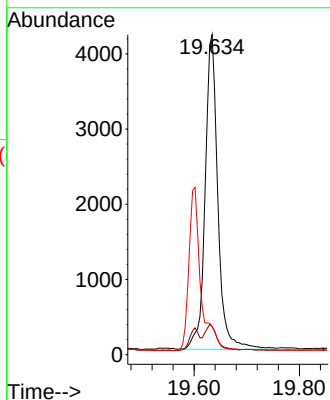
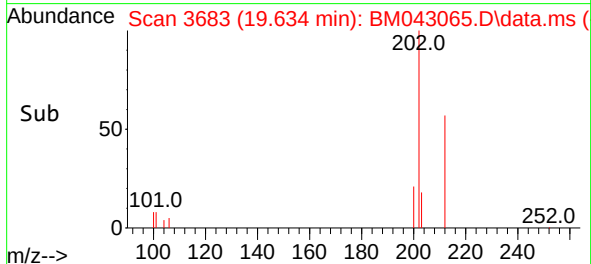
Instrument :
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Tgt Ion:202 Resp: 7035
Ion Ratio Lower Upper
202 100
101 8.8 8.7 13.1
100 8.8 7.8 11.8

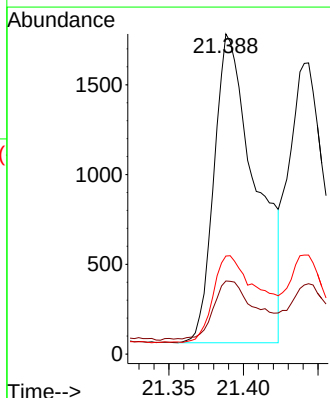
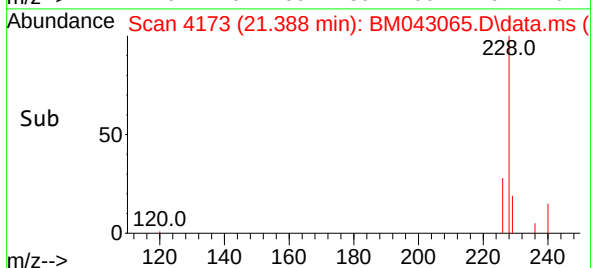
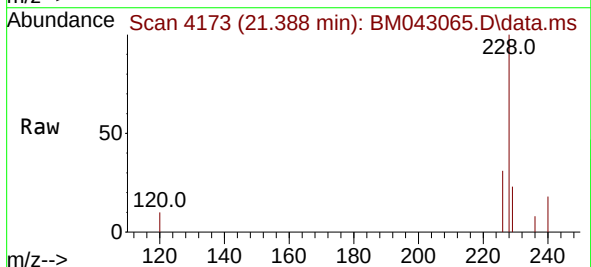
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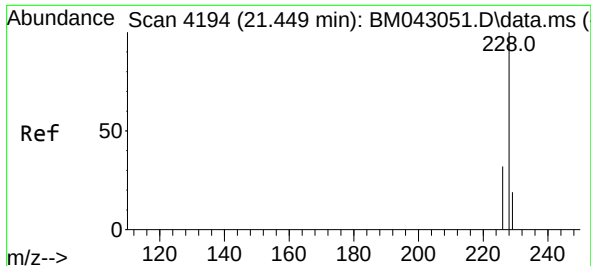
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#21
Benzo(a)anthracene
Concen: 0.388 ng/u1
RT: 21.388 min Scan# 4173
Delta R.T. -0.024 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

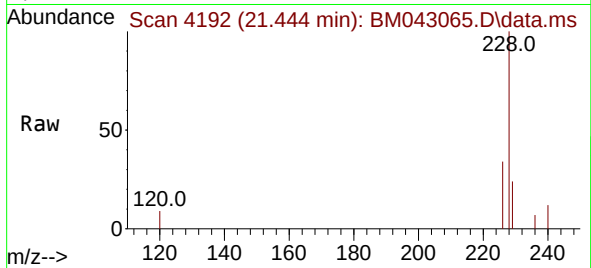
Tgt Ion:228 Resp: 3322
Ion Ratio Lower Upper
228 100
229 22.8 19.4 29.0
226 30.6 24.9 37.3





#22
Chrysene
Concen: 0.197 ng/u1
RT: 21.444 min Scan# 4192
Delta R.T. -0.015 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

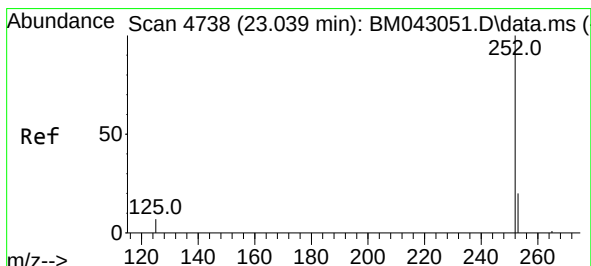
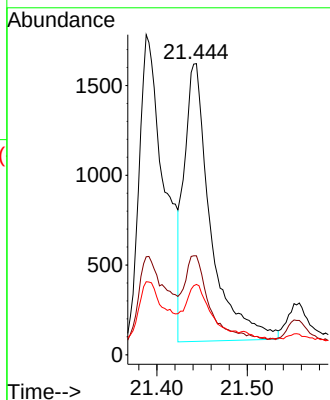
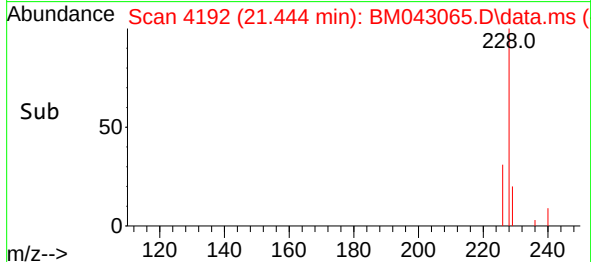
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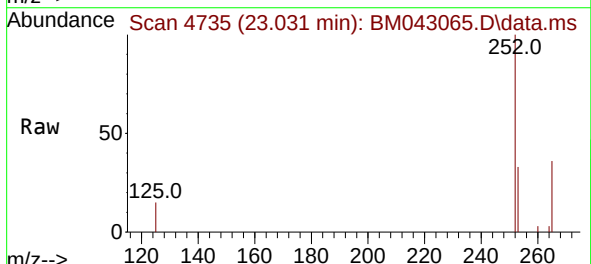
Tgt Ion:228 Resp: 3142
Ion Ratio Lower Upper
228 100
226 34.0 27.2 40.8
229 24.2 18.0 27.0

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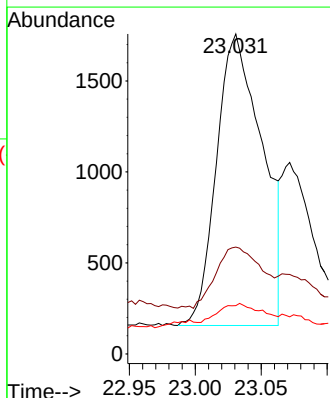
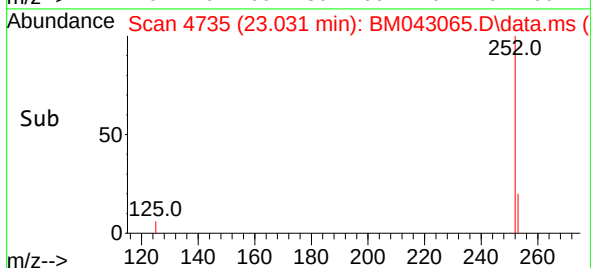
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

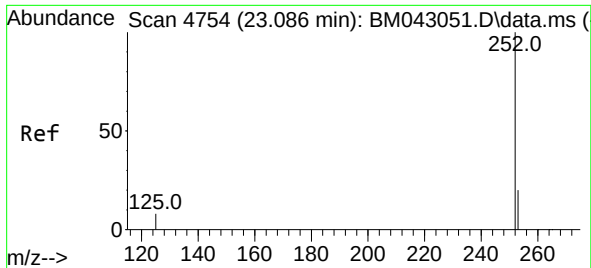


#24
Benzo(b)fluoranthene
Concen: 0.592 ng/u1
RT: 23.031 min Scan# 4735
Delta R.T. -0.021 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51



Tgt Ion:252 Resp: 3854
Ion Ratio Lower Upper
252 100
253 33.4 0.0 71.8
125 15.1 0.0 29.0





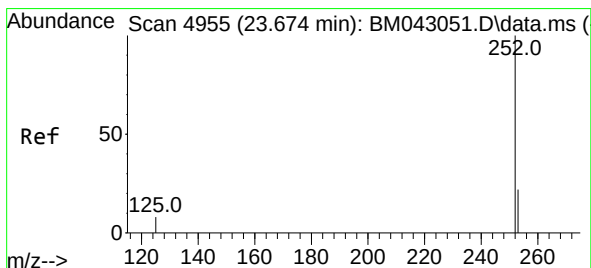
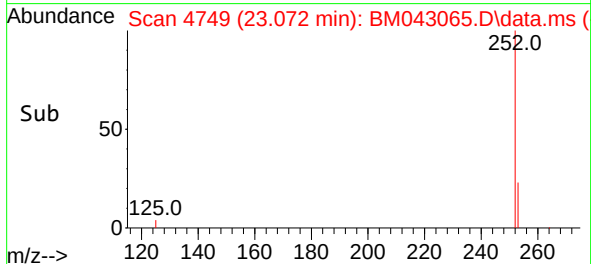
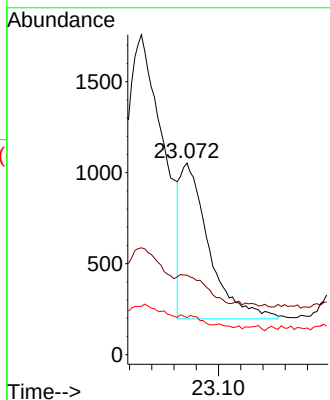
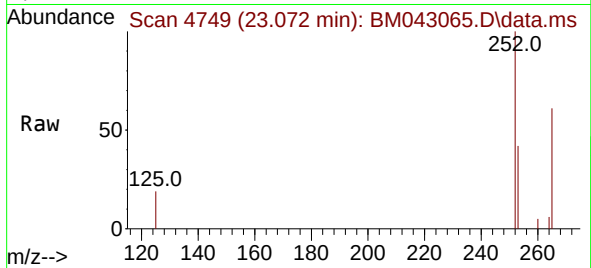
#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.027 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

Instrument :
BNA_M
ClientSampleId :
C0AH5

Tgt Ion:252 Resp: 1539
Ion Ratio Lower Upper
252 100
253 41.5 28.2 42.2
125 19.4 11.0 16.6

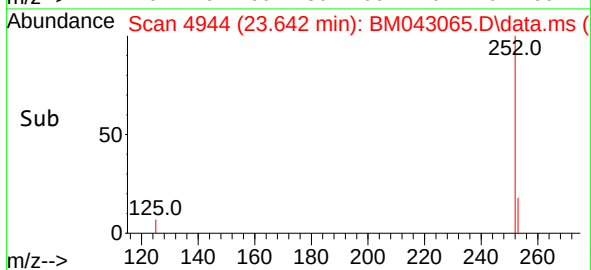
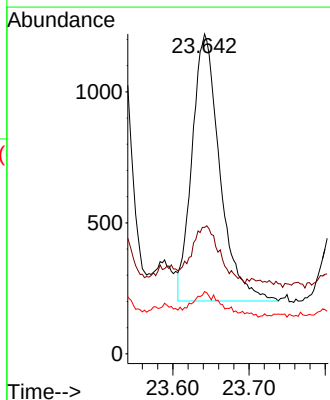
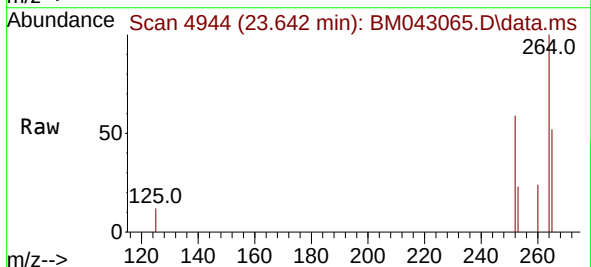
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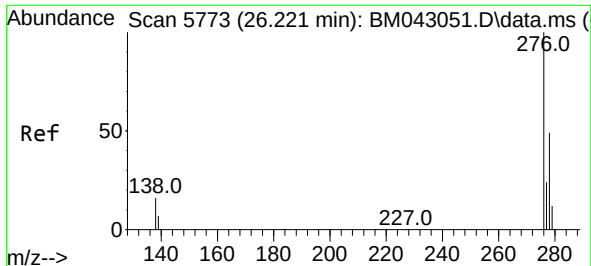
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.642 min Scan# 4944
Delta R.T. -0.044 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

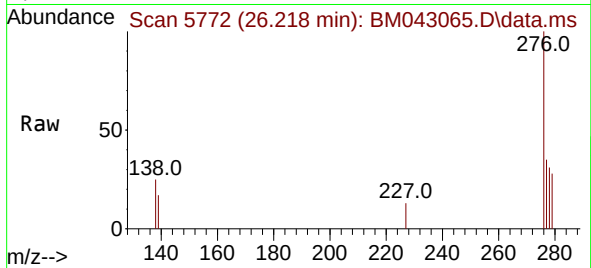
Tgt Ion:252 Resp: 2580
Ion Ratio Lower Upper
252 100
253 39.6 36.6 55.0
125 19.5 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.177 ng/ul
RT: 26.218 min Scan# 5199
Delta R.T. -0.020 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51

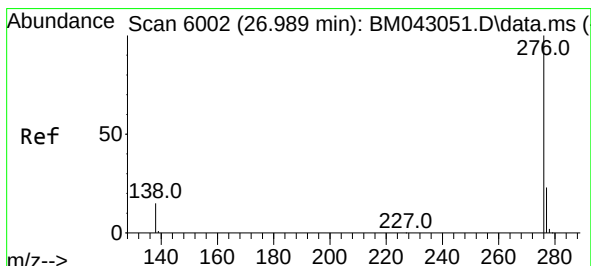
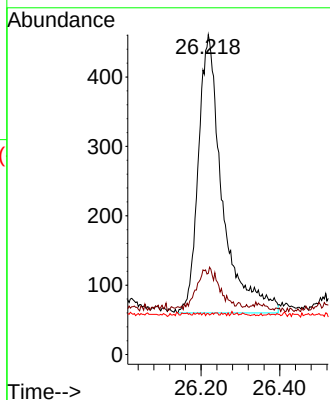
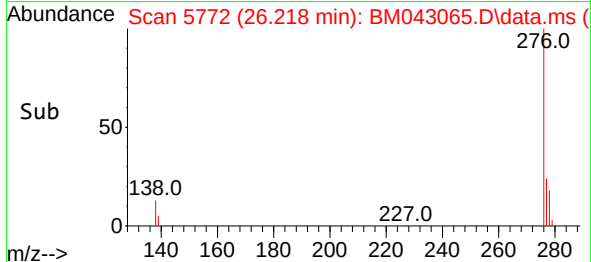
Instrument :
BNA_M
ClientSampleId :
C0AH5



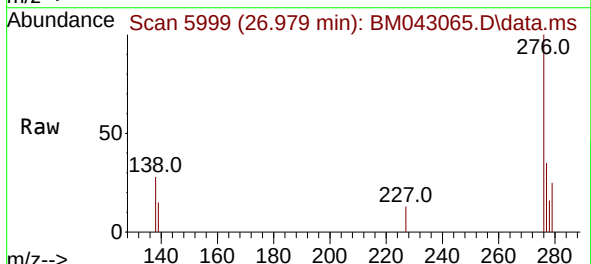
Tgt Ion:276 Resp: 1699
Ion Ratio Lower Upper
276 100
138 0.0 0.0 0.0
227 0.1 0.2 0.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.979 min Scan# 5999
Delta R.T. -0.030 min
Lab File: BM043065.D
Acq: 28 Nov 2023 00:51



Tgt Ion:276 Resp: 1713
Ion Ratio Lower Upper
276 100
138 27.7 17.8 26.8#
277 35.2 23.8 35.8

