

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
 Data File : BM043075.D
 Acq On : 28 Nov 2023 17:08
 Operator : MA/JU
 Sample : 05416-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH2

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 23:38:51 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	1069m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.605	136	3256	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	2011m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.208	188	4349	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	3338	0.400	ng/ul	#-0.02
23) Perylene-d12	23.750	264	2768m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	2060	1.256	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	645	0.148	ng/ul	-0.03
18) Fluoranthene-d10	19.238	212	1956	0.161	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	877	0.099	ng/ul	94
7) 2-Methylnaphthalene	12.288	142	805	0.154	ng/ul	98
8) 1-Methylnaphthalene	12.502	142	524	0.090	ng/ul	97
10) Acenaphthylene	14.177	152	636	0.062	ng/ul#	77
12) Fluorene	15.505	166	282	0.035	ng/ul#	89
15) Phenanthrene	17.250	178	3918	0.316	ng/ul	97
16) Anthracene	17.338	178	1067m	0.091	ng/ul	
19) Fluoranthene	19.270	202	11198	0.592	ng/ul#	93
20) Pyrene	19.633	202	11595	0.576	ng/ul#	95
21) Benzo(a)anthracene	21.386	228	8385	0.774	ng/ul	96
22) Chrysene	21.438	228	7320	0.363	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	9190	0.984	ng/ul	89
25) Benzo(k)fluoranthene	23.072	252	3913m	0.304	ng/ul	
26) Benzo(a)pyrene	23.636	252	5623	0.552	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.205	276	3501	0.254	ng/ul#	100
29) Benzo(g,h,i)perylene	26.970	276	3169	0.236	ng/ul	96

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

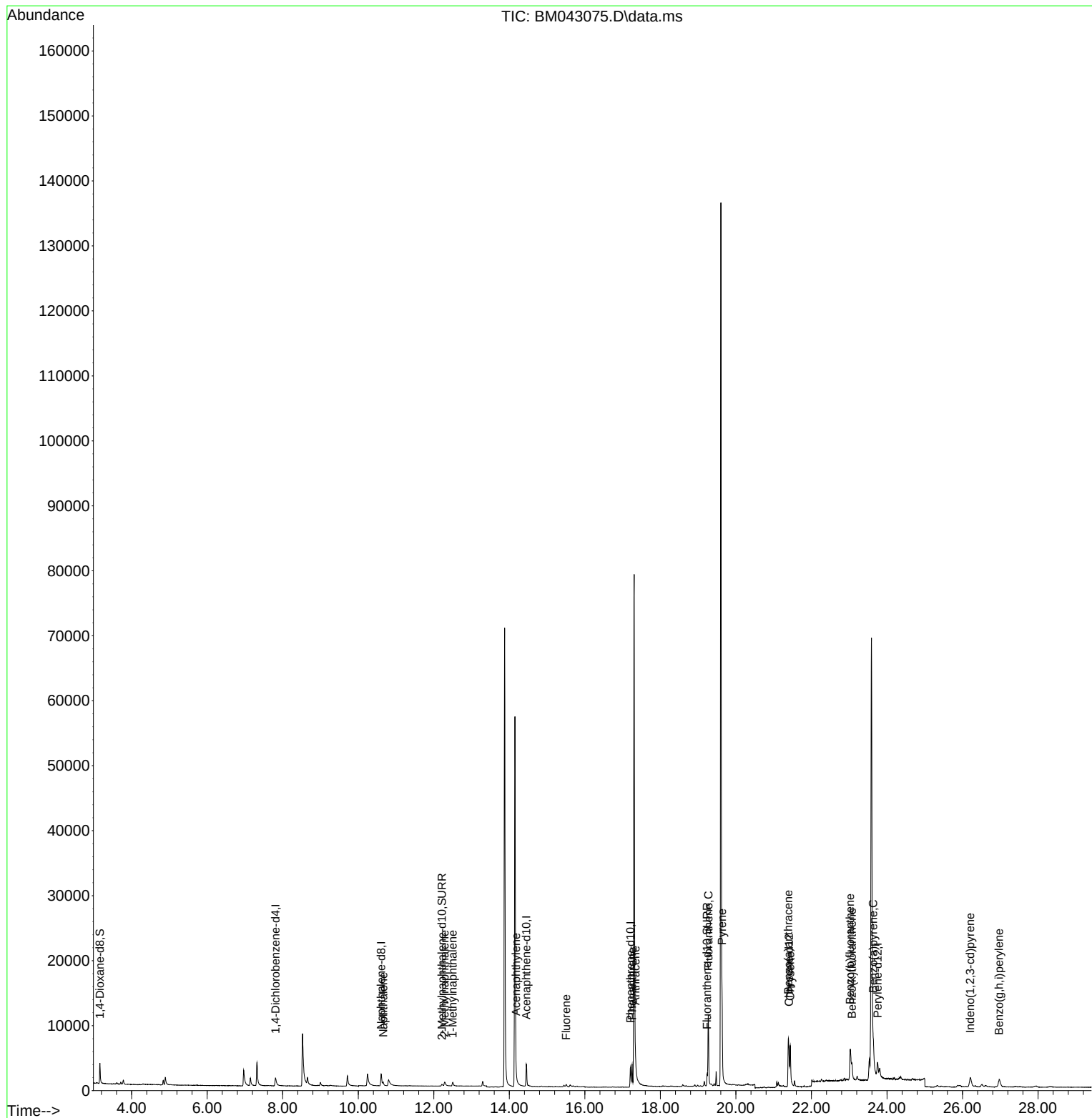
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
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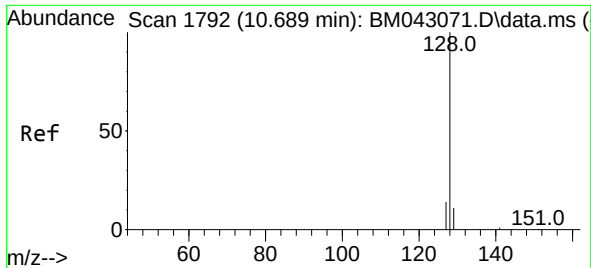
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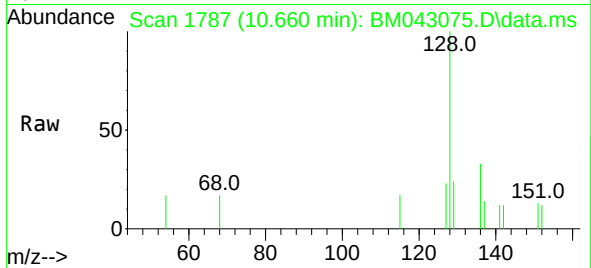
Quant Time: Nov 28 23:38:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.099 ng/ul
RT: 10.660 min Scan# 1792
Delta R.T. -0.038 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

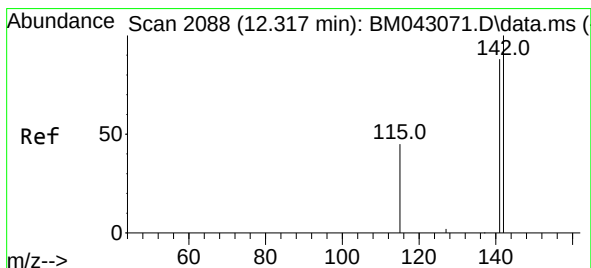
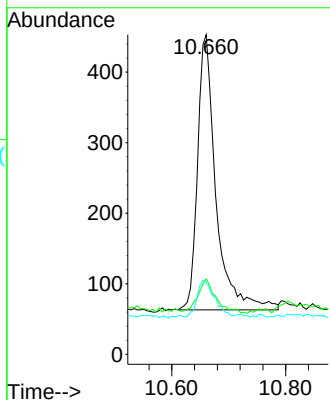
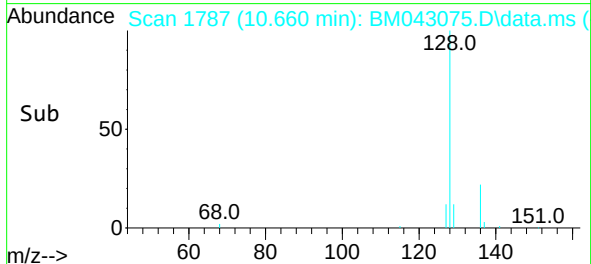
Instrument :
BNA_M
ClientSampleId :
C0AH2



Tgt Ion:128 Resp: 872
Ion Ratio Lower Upper
128 100
129 23.6 16.0 24.0
127 22.5 16.5 24.7

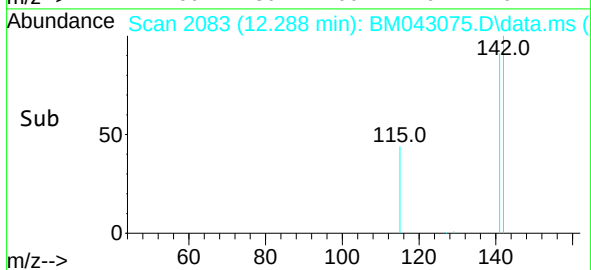
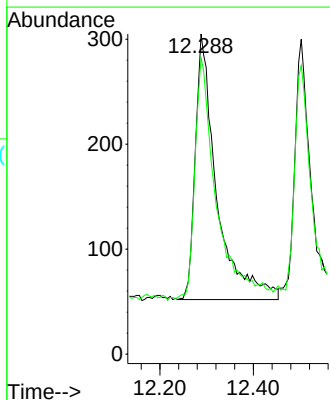
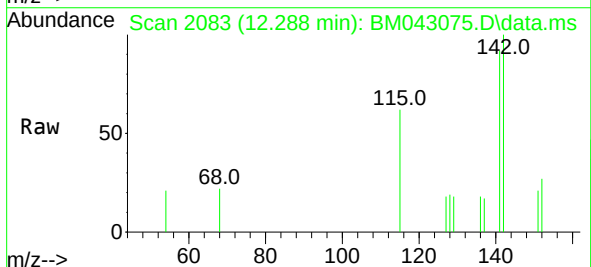
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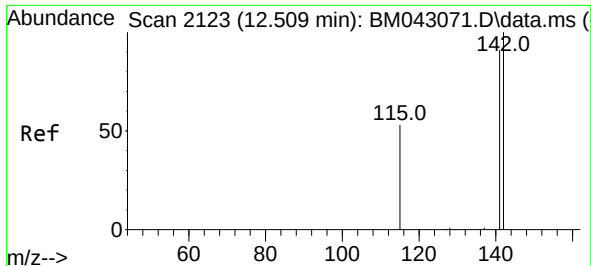
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

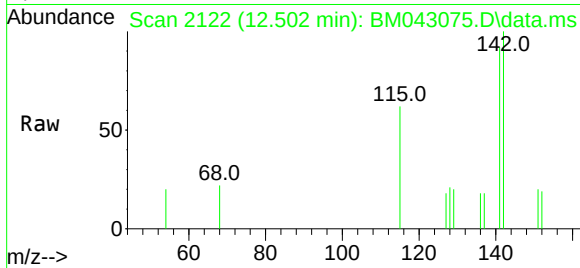
Tgt Ion:142 Resp: 805
Ion Ratio Lower Upper
142 100
141 93.4 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.502 min Scan# 2123
Delta R.T. -0.016 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

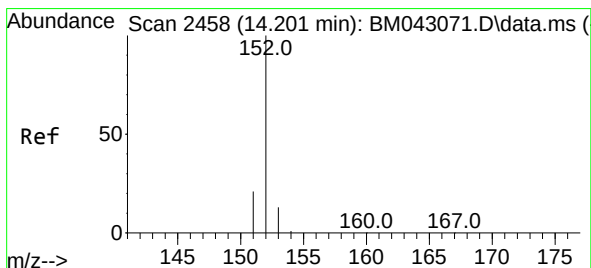
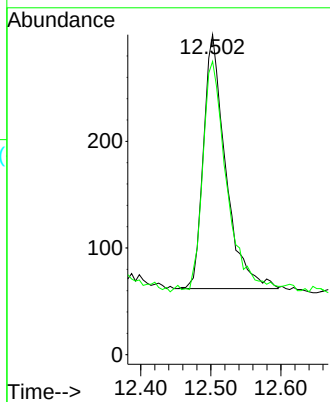
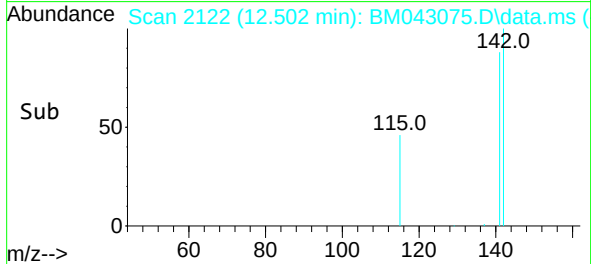
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 524
Ion Ratio Lower Upper
142 100
141 95.4 73.8 110.8

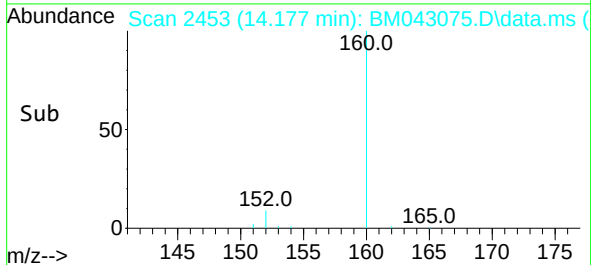
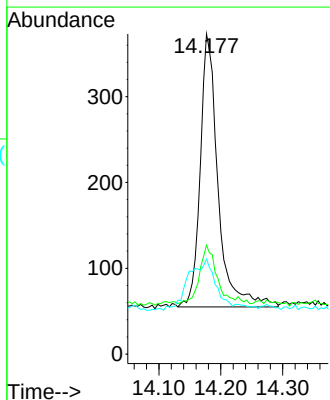
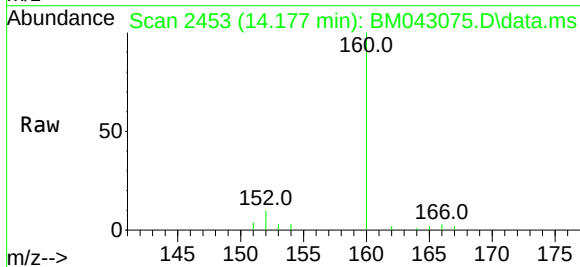
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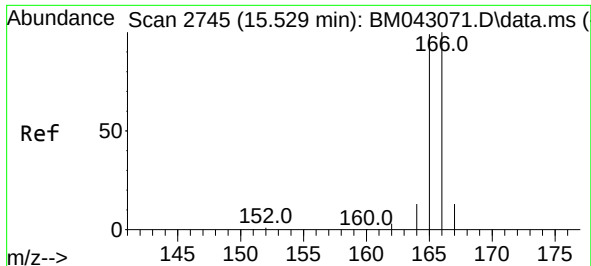
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

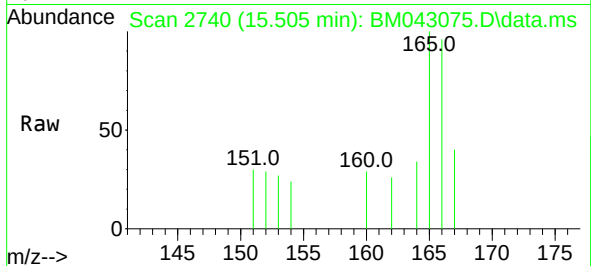
Tgt Ion:152 Resp: 636
Ion Ratio Lower Upper
152 100
151 34.0 19.4 29.0#
153 29.8 14.6 21.8#





#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.505 min Scan# 21
Delta R.T. -0.032 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

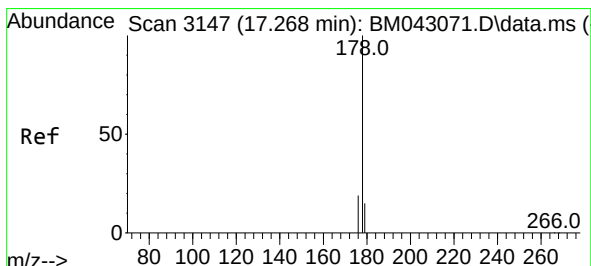
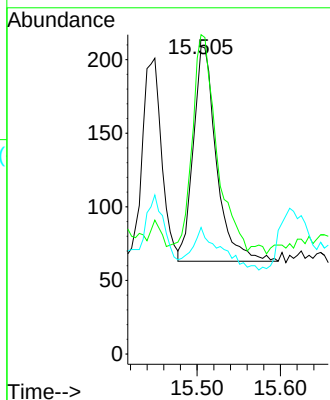
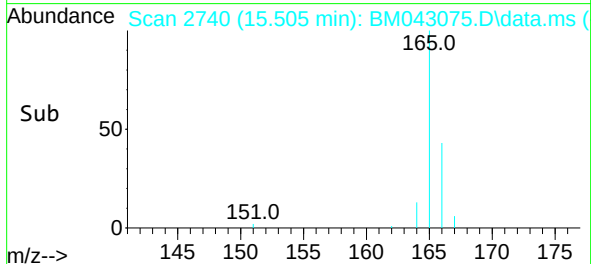
Instrument :
BNA_M
ClientSampleId :
C0AH2



Tgt Ion:166 Resp: 28
Ion Ratio Lower Upper
166 100
165 103.8 79.9 119.9
167 41.1 14.2 21.4

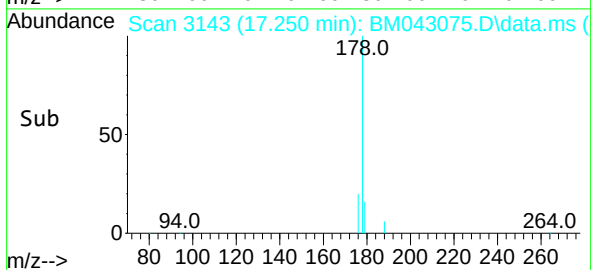
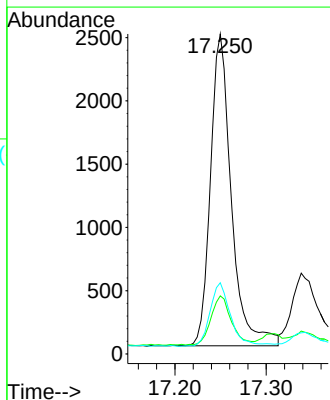
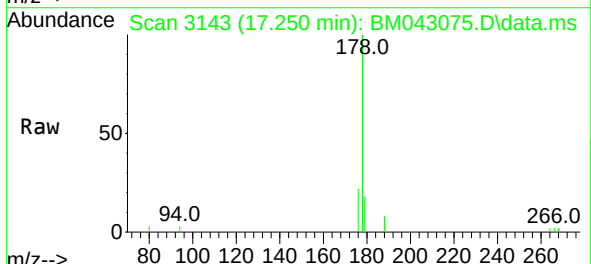
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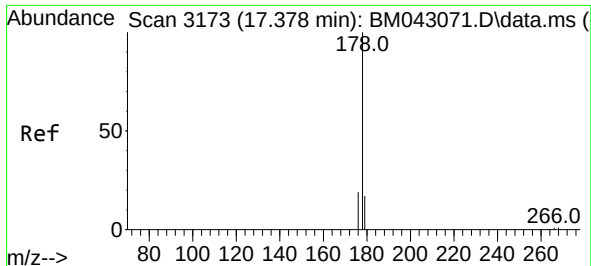
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#15
Phenanthrene
Concen: 0.316 ng/u1
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

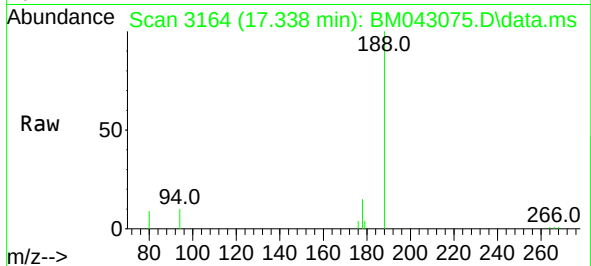
Tgt Ion:178 Resp: 3918
Ion Ratio Lower Upper
178 100
179 18.1 15.7 23.5
176 22.3 18.9 28.3





#16
 Anthracene
 Concen: 0.091 ng/ul m
 RT: 17.338 min Scan# 3173
 Delta R.T. -0.055 min
 Lab File: BM043075.D
 Acq: 28 Nov 2023 17:08

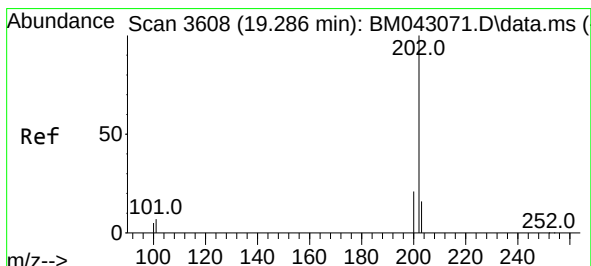
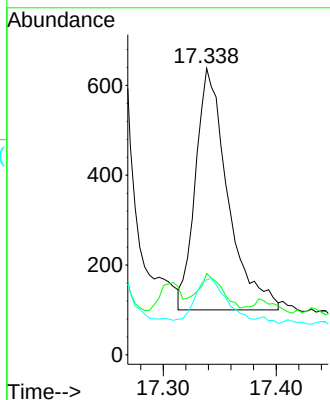
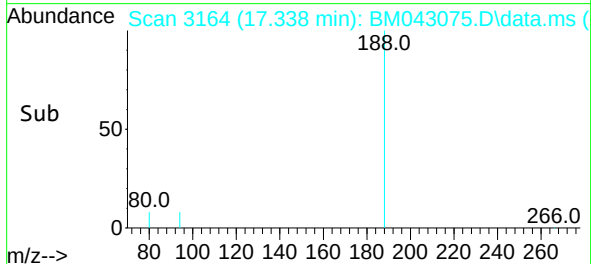
Instrument :
 BNA_M
 ClientSampleId :
 C0AH2



Tgt Ion:178 Resp: 106
 Ion Ratio Lower Upper
 178 100
 179 28.4 17.3 25.9#
 176 26.2 20.5 30.7

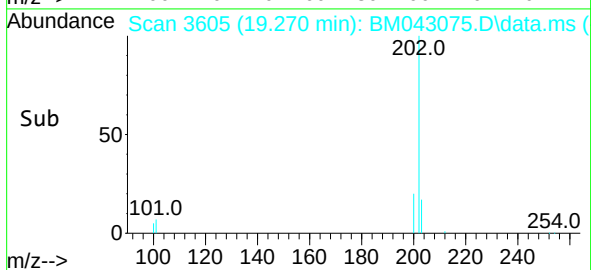
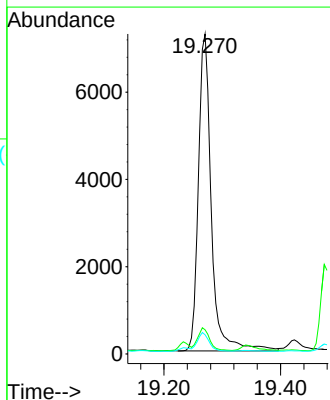
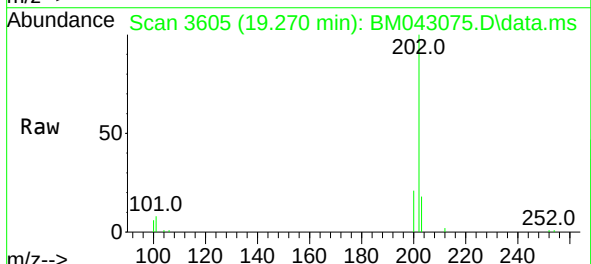
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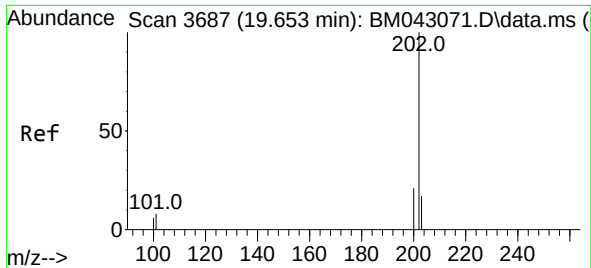
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



#19
 Fluoranthene
 Concen: 0.592 ng/ul
 RT: 19.270 min Scan# 3605
 Delta R.T. -0.023 min
 Lab File: BM043075.D
 Acq: 28 Nov 2023 17:08

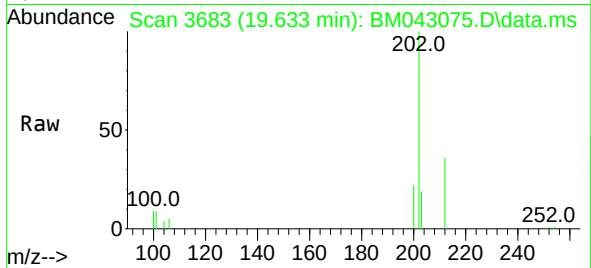
Tgt Ion:202 Resp: 11198
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.8 11.8#
 100 6.0 7.1 10.7#





#20
Pyrene
Concen: 0.576 ng/u1
RT: 19.633 min Scan# 30
Delta R.T. -0.028 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

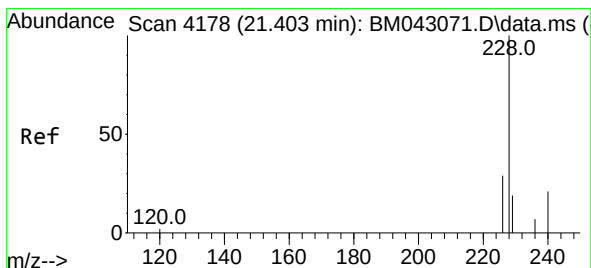
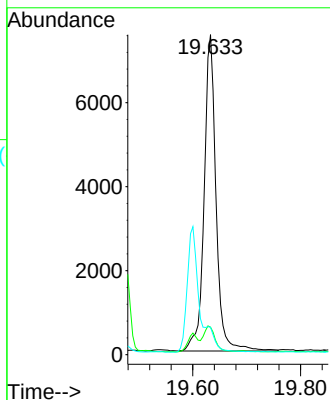
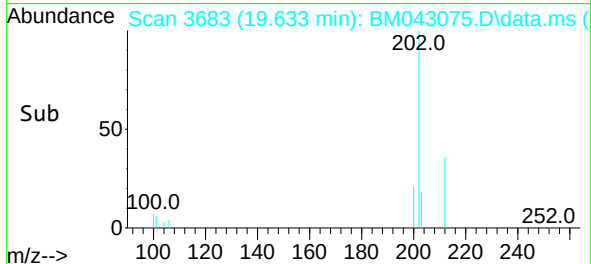
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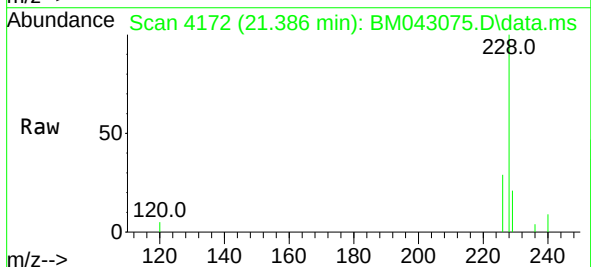
Tgt Ion:202 Resp: 1159
Ion Ratio Lower Upper
202 100
101 8.6 8.7 13.1
100 8.5 7.8 11.8

Manual Integrations
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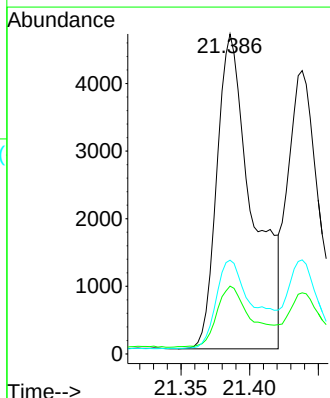
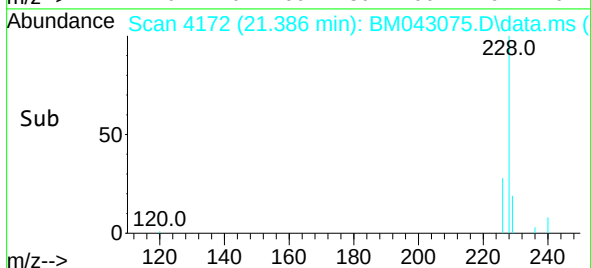
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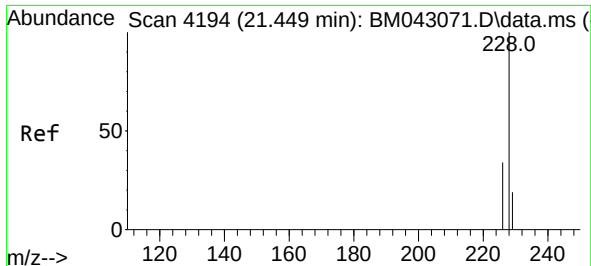


#21
Benzo(a)anthracene
Concen: 0.774 ng/u1
RT: 21.386 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08



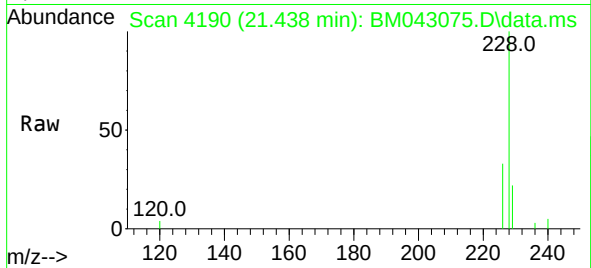
Tgt Ion:228 Resp: 8385
Ion Ratio Lower Upper
228 100
229 21.2 19.4 29.0
226 29.3 24.9 37.3





#22
Chrysene
Concen: 0.363 ng/ul
RT: 21.438 min Scan# 4194
Delta R.T. -0.020 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

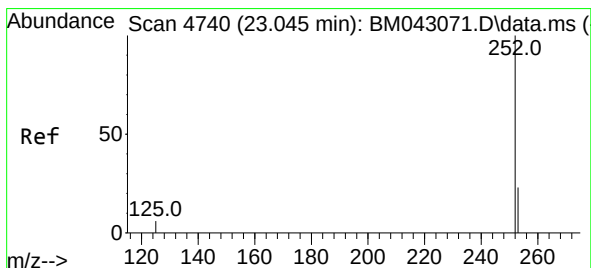
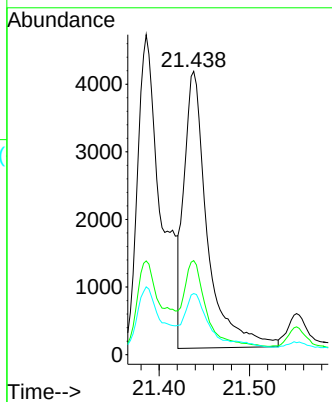
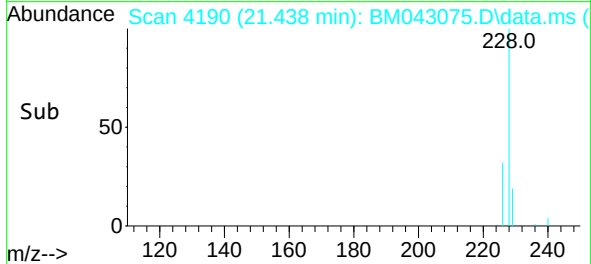
Instrument :
BNA_M
ClientSampleId :
C0AH2



Tgt Ion:228 Resp: 7320
Ion Ratio Lower Upper
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226 33.2 27.2 40.8
229 21.5 18.0 27.0

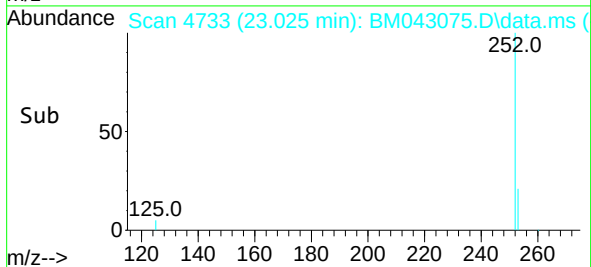
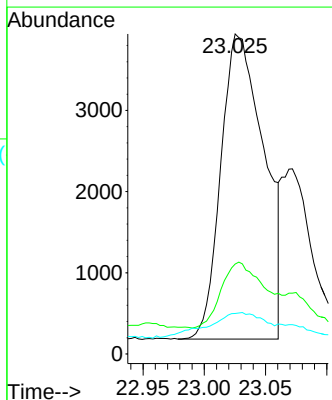
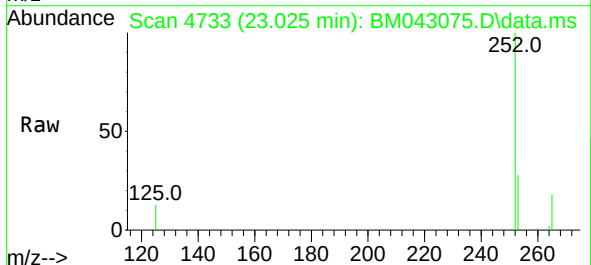
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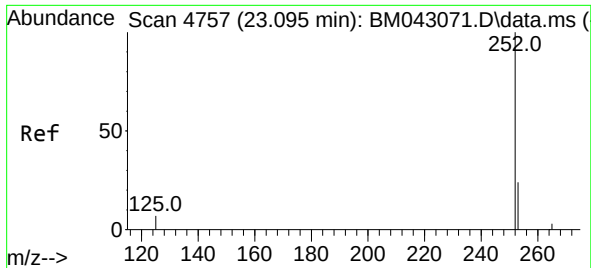
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#24
Benzo(b)fluoranthene
Concen: 0.984 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.026 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

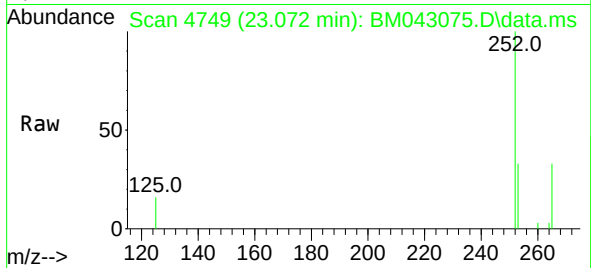
Tgt Ion:252 Resp: 9190
Ion Ratio Lower Upper
252 100
253 28.1 0.0 71.8
125 12.7 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul m
RT: 23.072 min Scan# 4
Delta R.T. -0.026 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

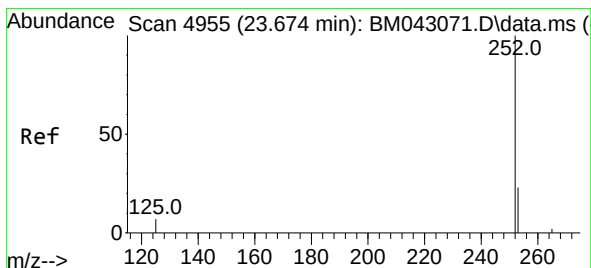
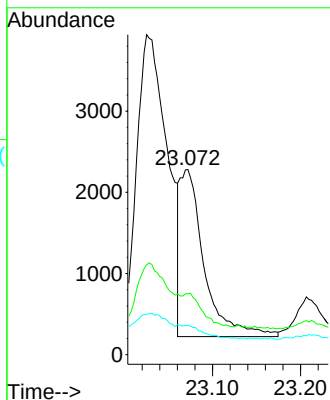
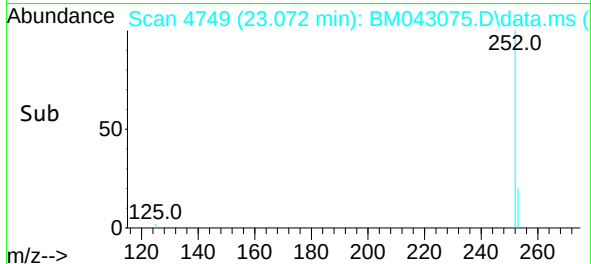
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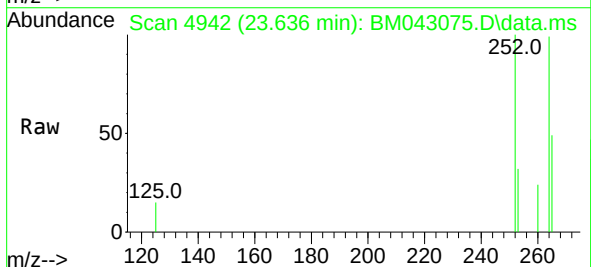
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Ion Ratio Lower Upper
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253 32.9 28.2 42.2
125 15.8 11.0 16.6

Manual Integrations
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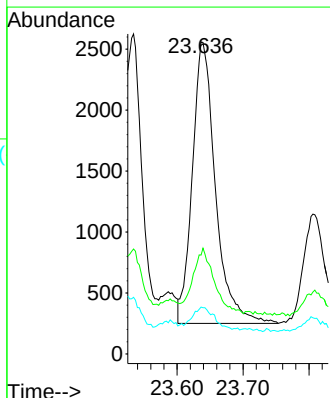
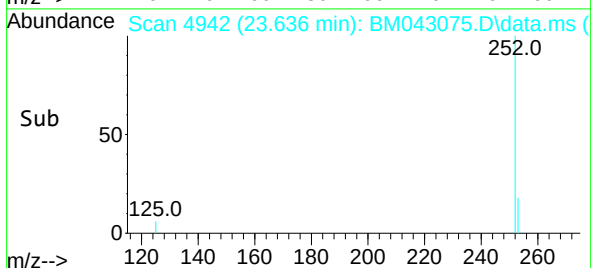
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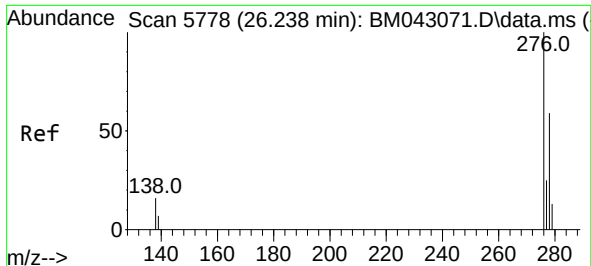


#26
Benzo(a)pyrene
Concen: 0.552 ng/ul
RT: 23.636 min Scan# 4942
Delta R.T. -0.050 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08



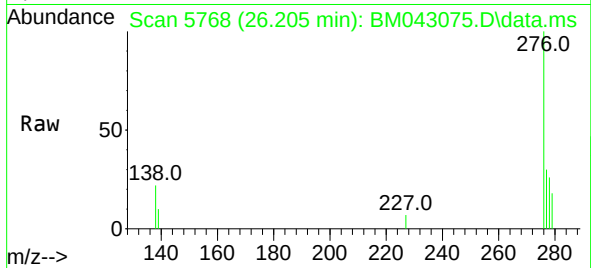
Tgt Ion:252 Resp: 5623
Ion Ratio Lower Upper
252 100
253 31.7 36.6 55.0#
125 15.0 16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.254 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08

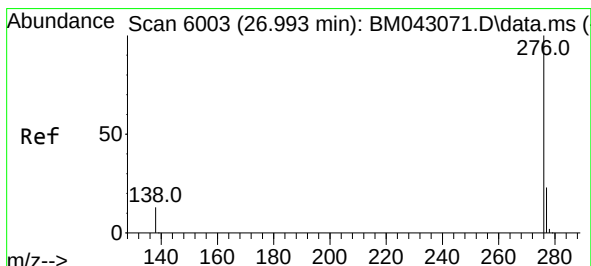
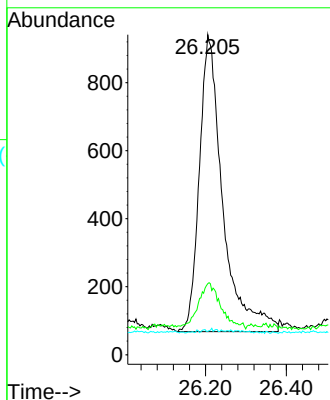
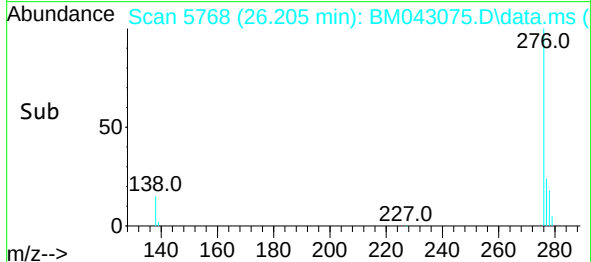
Instrument :
BNA_M
ClientSampleId :
C0AH2



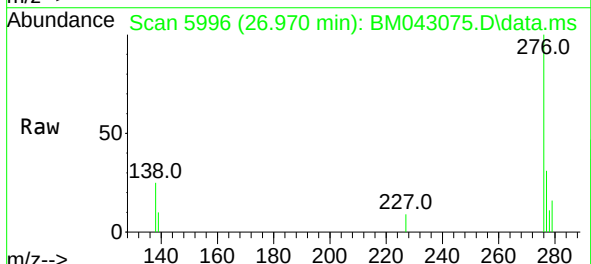
Tgt Ion:276 Resp: 350
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0
227 0.1 0.2 0.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 26.970 min Scan# 5996
Delta R.T. -0.040 min
Lab File: BM043075.D
Acq: 28 Nov 2023 17:08



Tgt Ion:276 Resp: 3169
Ion Ratio Lower Upper
276 100
138 25.4 17.8 26.8
277 30.6 23.8 35.8

