

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043125.D
 Acq On : 01 Dec 2023 16:43
 Operator : MA/JU
 Sample : 05459-20DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 00:06:57 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 : Sat Dec 02 00:03:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	1148	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.611	136	3181	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	1728	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	3318	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	2307	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	2911m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	649	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	211	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	463	0.055	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.666	128	1256	0.145	ng/ul	97
7) 2-Methylnaphthalene	12.299	142	327	0.064	ng/ul	91
8) 1-Methylnaphthalene	12.508	142	390	0.069	ng/ul	97
10) Acenaphthylene	14.177	152	291	0.033	ng/ul#	59
15) Phenanthrene	17.250	178	3142	0.332	ng/ul	98
16) Anthracene	17.342	178	549m	0.061	ng/ul	
19) Fluoranthene	19.266	202	9474	0.724	ng/ul#	92
20) Pyrene	19.633	202	8726	0.627	ng/ul#	93
21) Benzo(a)anthracene	21.386	228	4493	0.600	ng/ul	98
22) Chrysene	21.438	228	4170	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.025	252	5631	0.573	ng/ul	95
25) Benzo(k)fluoranthene	23.069	252	2758m	0.204	ng/ul	
26) Benzo(a)pyrene	23.636	252	3835	0.358	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.195	276	3529	0.243	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.205	278	727	0.065	ng/ul#	56
29) Benzo(g,h,i)perylene	26.960	276	2675	0.190	ng/ul	98

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

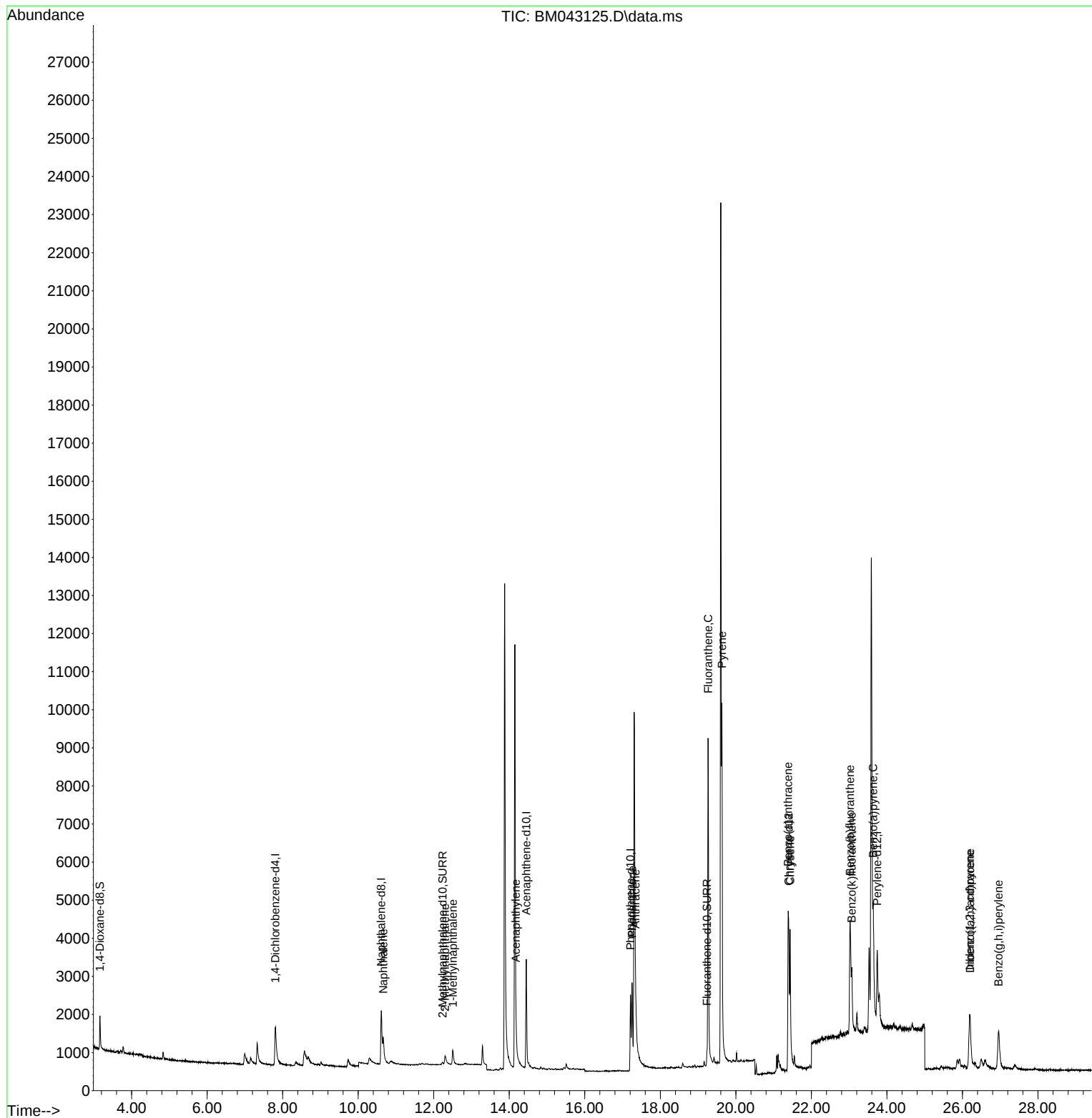
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043125.D
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Misc :
ALS Vial : 42 Sample Multiplier: 1

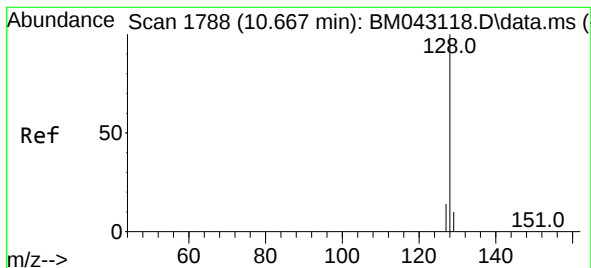
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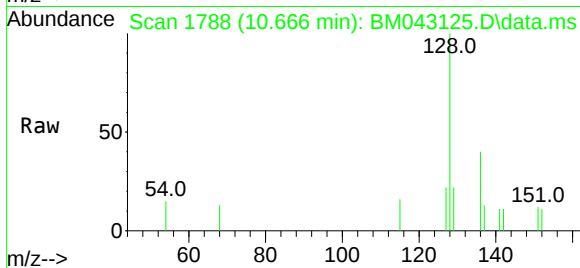
Quant Time: Dec 02 00:06:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 00:03:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.666 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

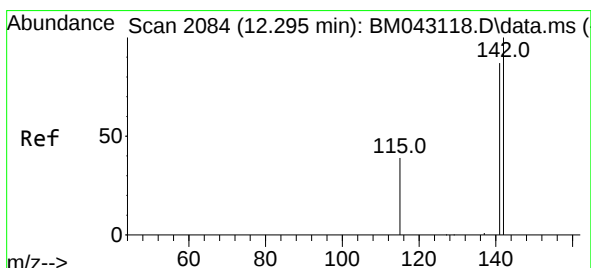
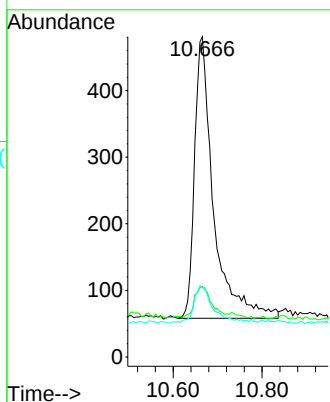
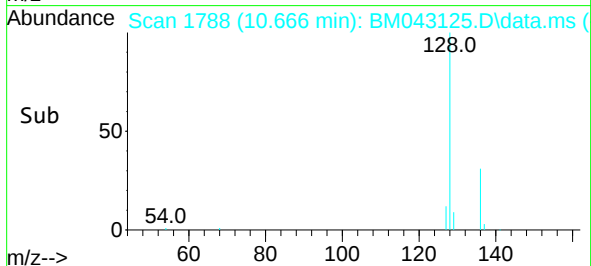
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



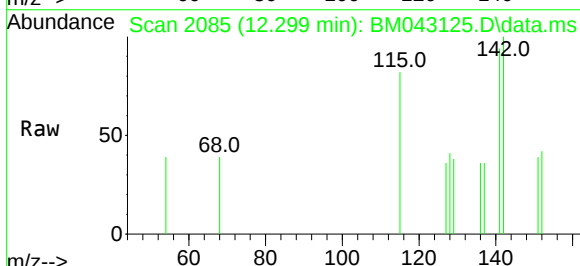
Tgt Ion:128 Resp: 1250
Ion Ratio Lower Upper
128 100
129 22.0 16.0 24.0
127 21.6 16.5 24.7

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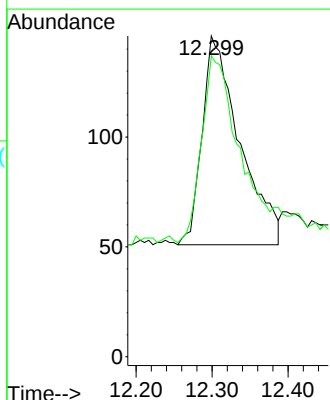
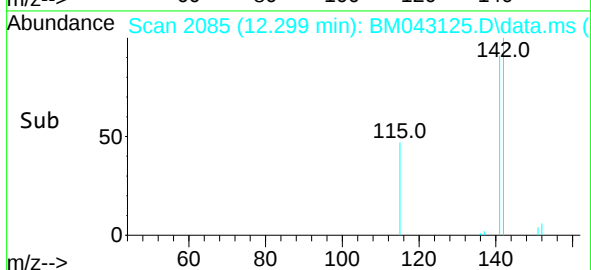
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

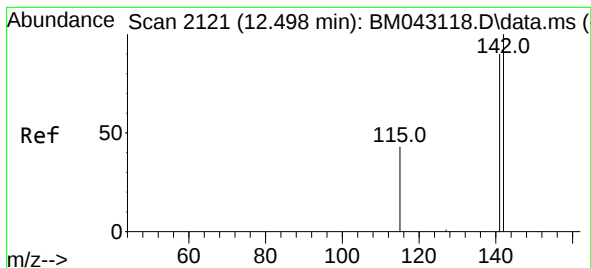


#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.299 min Scan# 2085
Delta R.T. 0.004 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43



Tgt Ion:142 Resp: 327
Ion Ratio Lower Upper
142 100
141 104.3 76.1 114.1





#8

1-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.508 min Scan# 2121

Delta R.T. 0.010 min

Lab File: BM043125.D

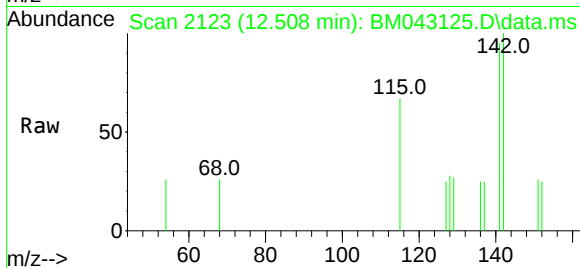
Acq: 01 Dec 2023 16:43

Instrument :

BNA_M

ClientSampleId :

C0AA8DL



Tgt Ion:142 Resp: 390

Ion Ratio Lower Upper

142 100

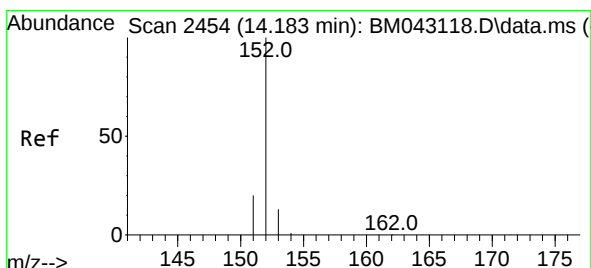
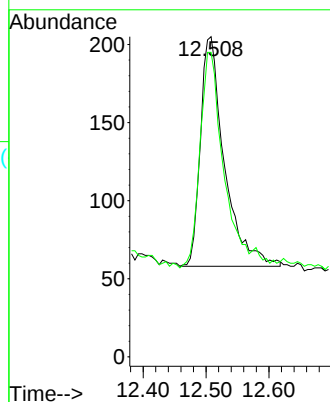
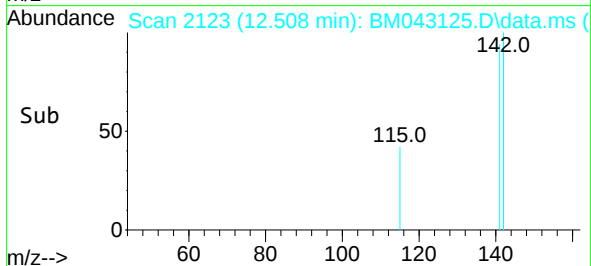
141 94.9 73.8 110.8

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#10

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

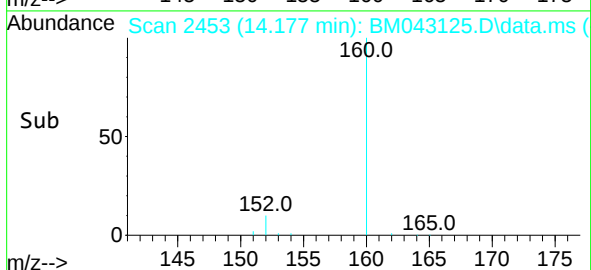
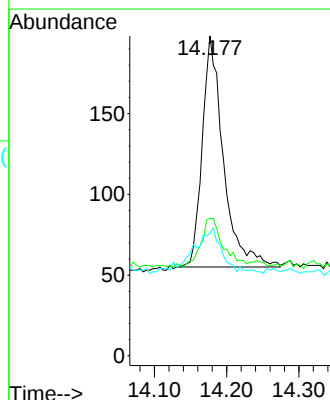
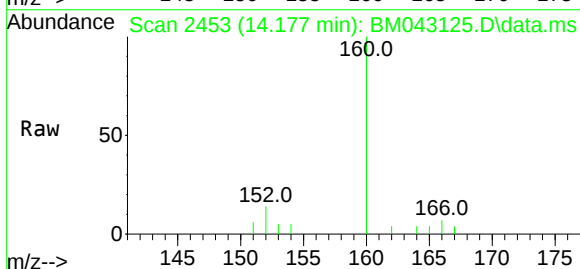
Tgt Ion:152 Resp: 291

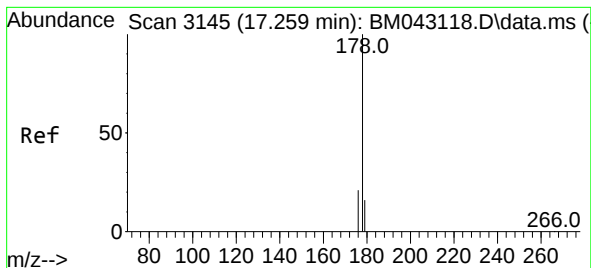
Ion Ratio Lower Upper

152 100

151 42.9 19.4 29.0#

153 38.4 14.6 21.8#





#15

Phenanthrene

Concen: 0.332 ng/ul

RT: 17.250 min Scan# 3145

Delta R.T. -0.010 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

Instrument :

BNA_M

ClientSampleId :

C0AA8DL

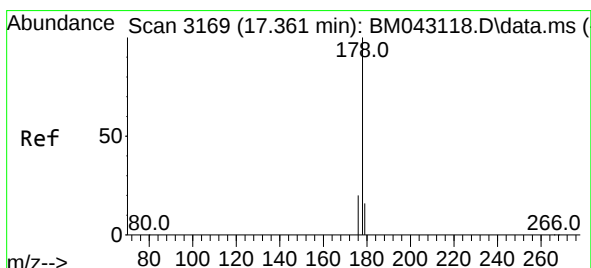
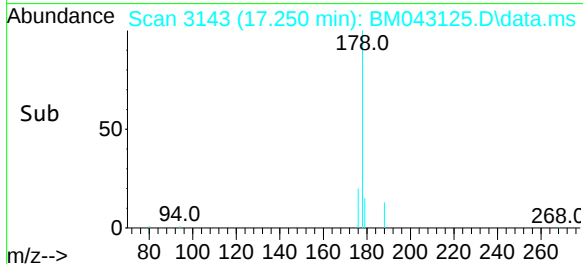
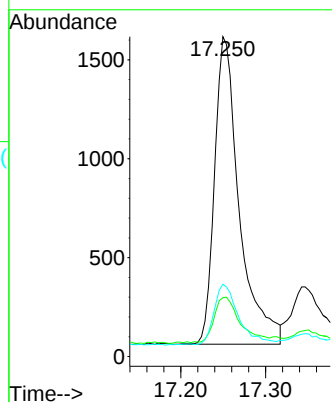
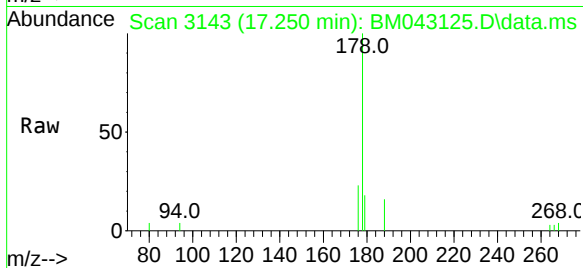
Tgt Ion:	178	Resp:	314
Ion Ratio	Lower	Upper	
178	100		
179	18.4	15.7	23.5
176	22.6	18.9	28.3

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#16

Anthracene

Concen: 0.061 ng/ul m

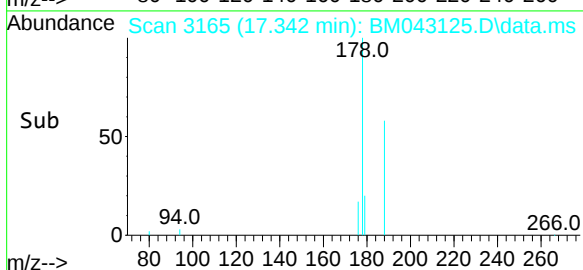
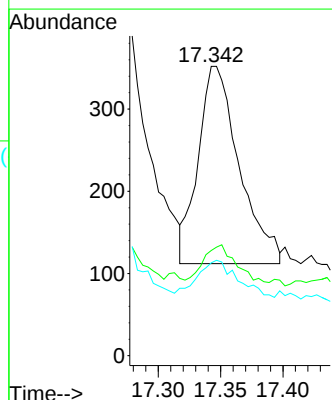
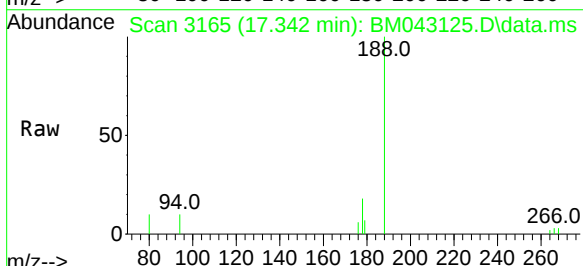
RT: 17.342 min Scan# 3165

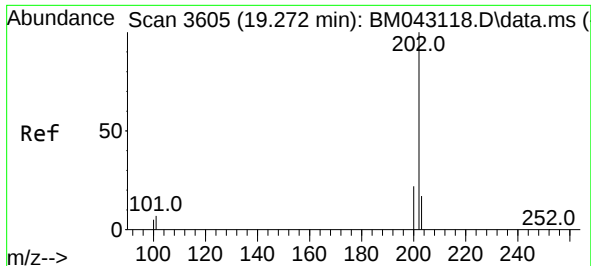
Delta R.T. -0.018 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

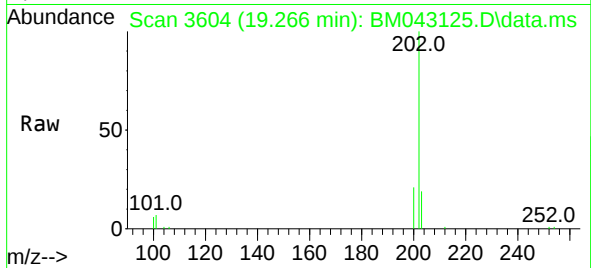
Tgt Ion:	178	Resp:	549
Ion Ratio	Lower	Upper	
178	100		
179	36.4	17.3	25.9#
176	32.1	20.5	30.7#





#19
Fluoranthene
Concen: 0.724 ng/u1
RT: 19.266 min Scan# 3604
Delta R.T. -0.006 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

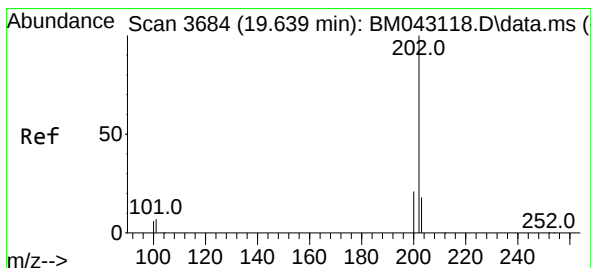
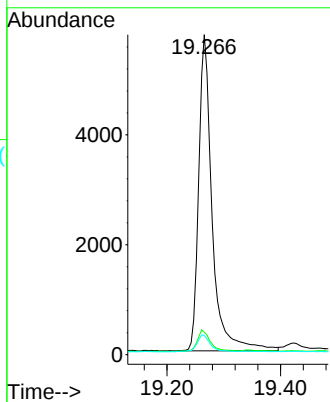
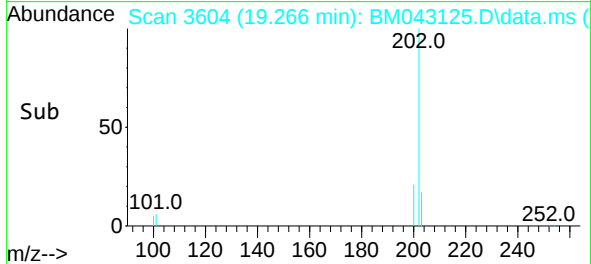
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



Tgt Ion:202 Resp: 9474
Ion Ratio Lower Upper
202 100
101 7.0 7.8 11.8
100 6.0 7.1 10.7

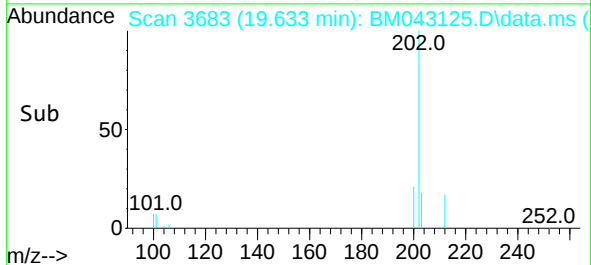
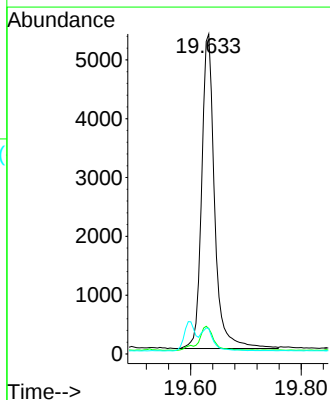
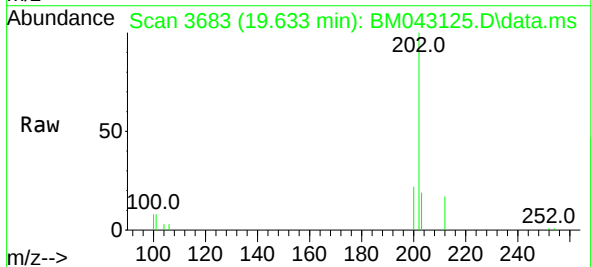
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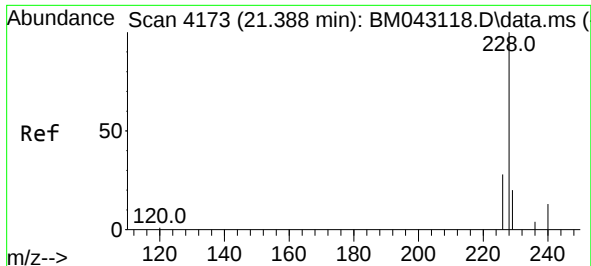
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#20
Pyrene
Concen: 0.627 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.006 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

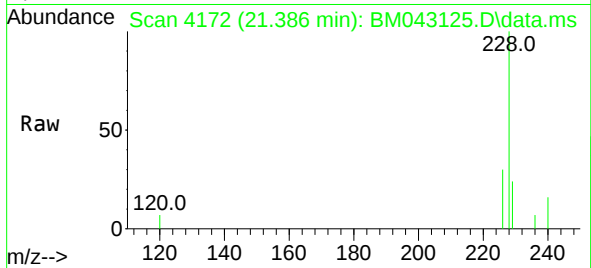
Tgt Ion:202 Resp: 8726
Ion Ratio Lower Upper
202 100
101 8.0 8.7 13.1#
100 7.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.600 ng/u1
RT: 21.386 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

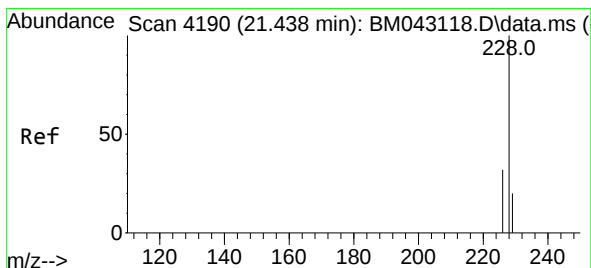
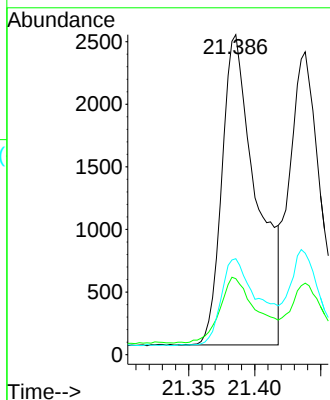
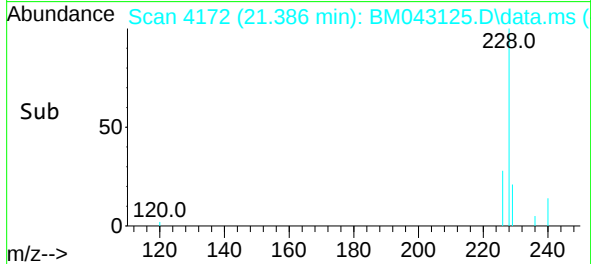
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



Tgt Ion:228 Resp: 449
Ion Ratio Lower Upper
228 100
229 23.7 19.4 29.0
226 30.0 24.9 37.3

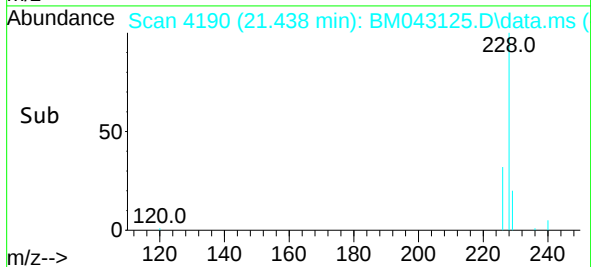
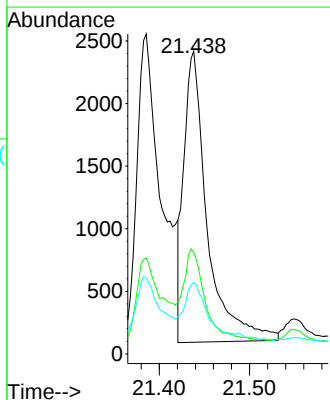
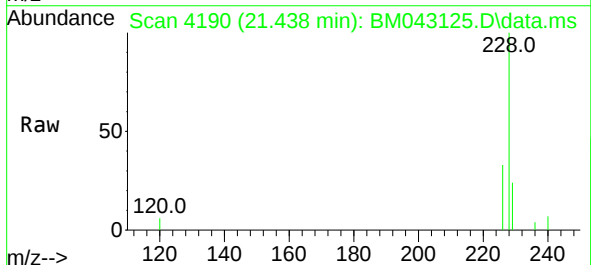
Manual Integrations
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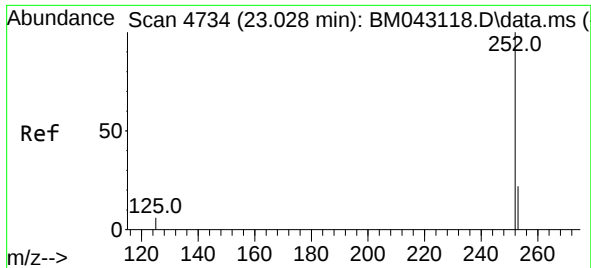
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023



#22
Chrysene
Concen: 0.299 ng/u1
RT: 21.438 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

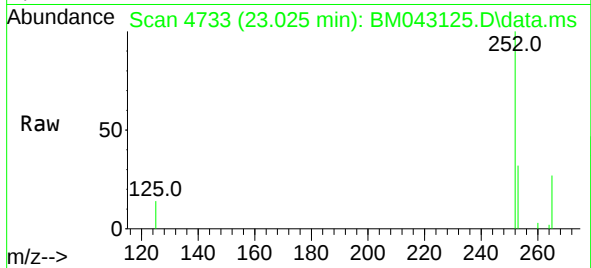
Tgt Ion:228 Resp: 4170
Ion Ratio Lower Upper
228 100
226 33.5 27.2 40.8
229 23.6 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.573 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.003 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

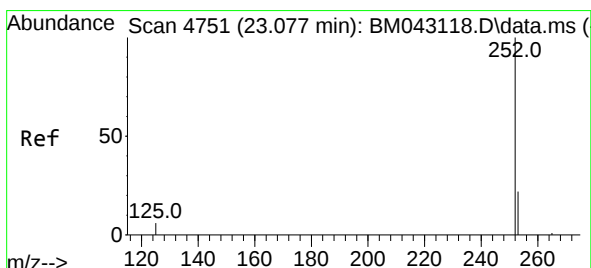
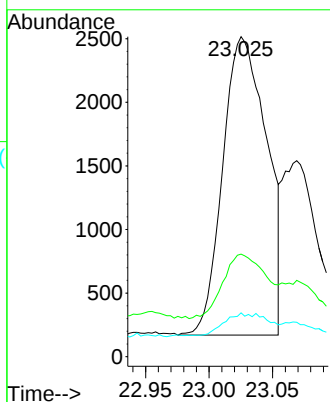
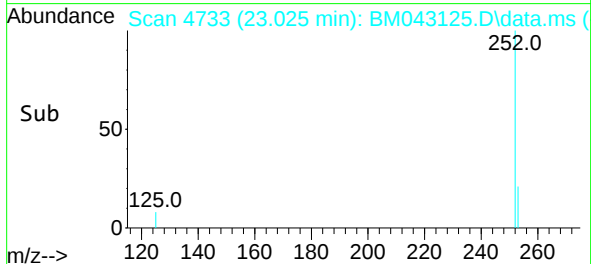
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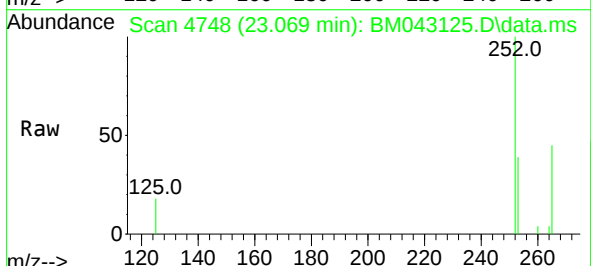
Tgt Ion:252 Resp: 563
Ion Ratio Lower Upper
252 100
253 32.1 0.0 71.8
125 13.7 0.0 29.0

Manual Integrations
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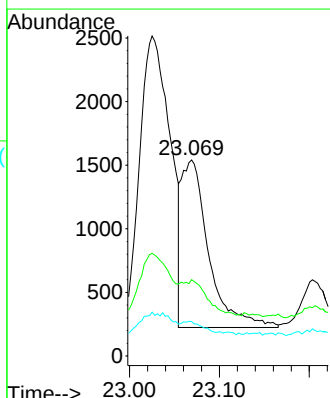
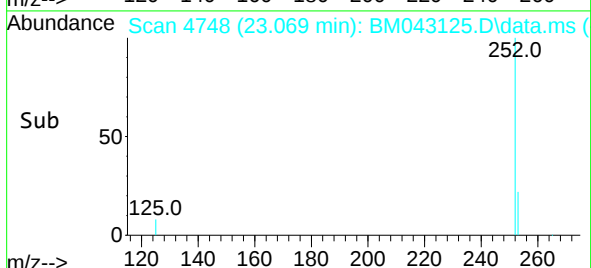
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

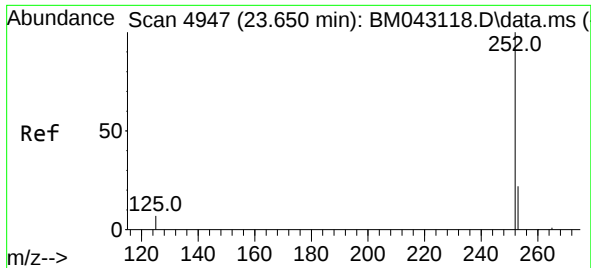


#25
Benzo(k)fluoranthene
Concen: 0.204 ng/ul m
RT: 23.069 min Scan# 4748
Delta R.T. -0.008 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43



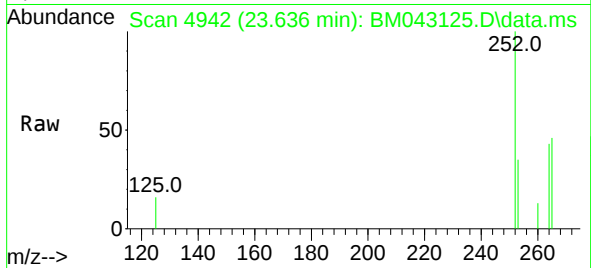
Tgt Ion:252 Resp: 2758
Ion Ratio Lower Upper
252 100
253 38.9 28.2 42.2
125 17.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.636 min Scan# 4947
Delta R.T. -0.014 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43

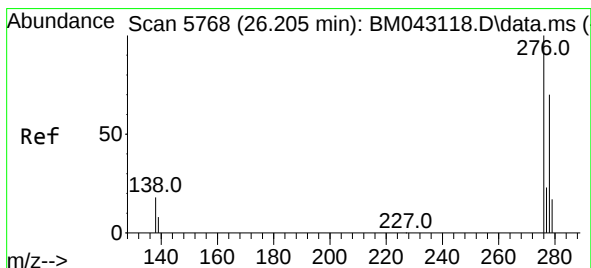
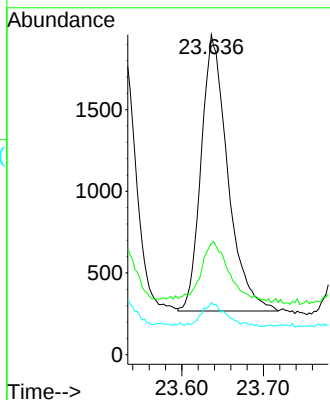
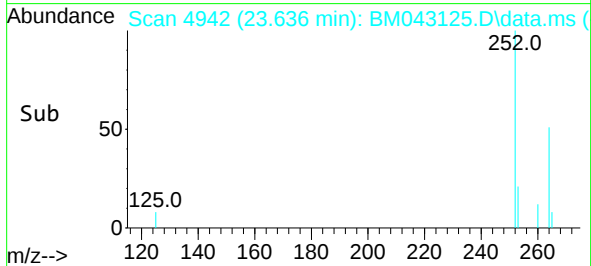
Instrument :
BNA_M
ClientSampleId :
C0AA8DL



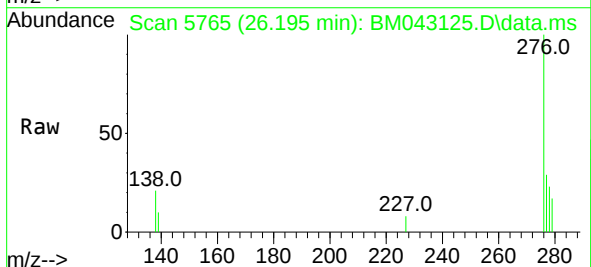
Tgt Ion:252 Resp: 3835
Ion Ratio Lower Upper
252 100
253 34.7 36.6 55.0#
125 16.2 16.2 24.4#

Manual Integrations
APPROVED

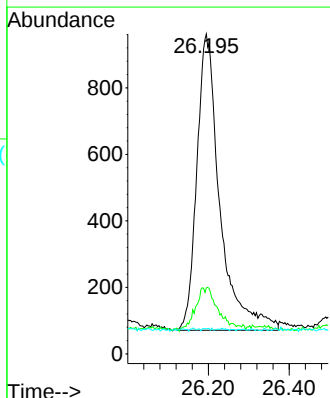
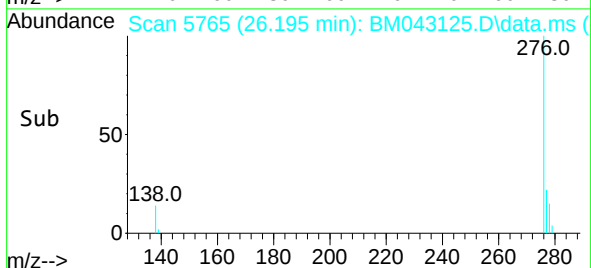
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

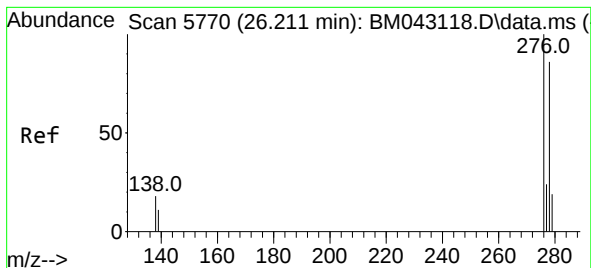


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.243 ng/ul
RT: 26.195 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BM043125.D
Acq: 01 Dec 2023 16:43



Tgt Ion:276 Resp: 3529
Ion Ratio Lower Upper
276 100
138 15.1 0.0 0.0#
227 0.3 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.065 ng/ul

RT: 26.205 min Scan# 51

Delta R.T. -0.006 min

Lab File: BM043125.D

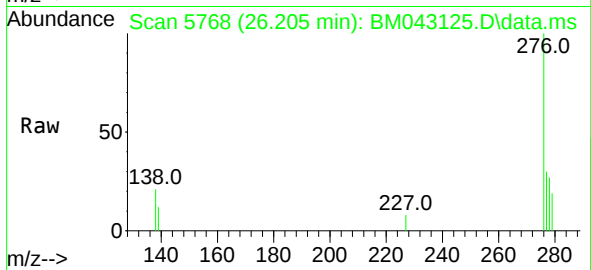
Acq: 01 Dec 2023 16:43

Instrument :

BNM_M

ClientSampleId :

C0AA8DL



Tgt Ion:278 Resp: 72

Ion Ratio Lower Upper

278 100

139 43.9 18.1 27.1

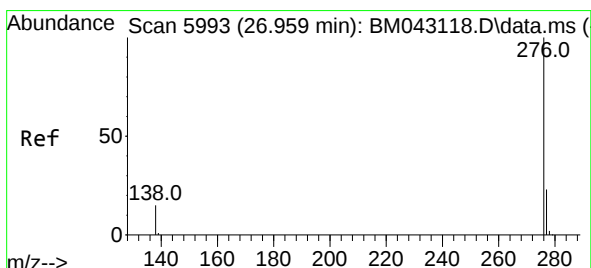
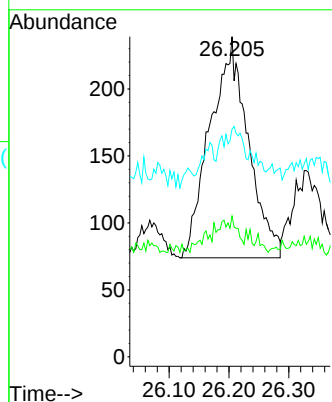
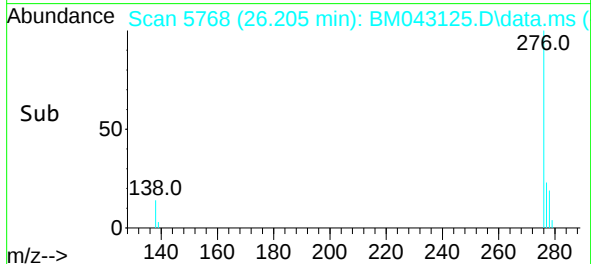
279 71.1 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/04/2023

Supervised By :mohammad ahmed 12/04/2023



#29

Benzo(g,h,i)perylene

Concen: 0.190 ng/ul

RT: 26.960 min Scan# 5993

Delta R.T. 0.000 min

Lab File: BM043125.D

Acq: 01 Dec 2023 16:43

Tgt Ion:276 Resp: 2675

Ion Ratio Lower Upper

276 100

138 22.9 17.8 26.8

277 31.0 23.8 35.8

