

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046265.D
 Acq On : 24 Jun 2024 22:22
 Operator : MA/JU
 Sample : P2776-22DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C76DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 02:27:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 02:25:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2491	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.210	136	7053	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.058	164	4197	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.803	188	8455	0.400	ng/ul	-0.06
17) Chrysene-d12	21.000	240	7153	0.400	ng/ul	-0.04
23) Perylene-d12	23.086	264	8455m	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	2564	0.750	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.838	152	568	0.060	ng/ul	-0.03
18) Fluoranthene-d10	18.830	212	1231	0.057	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	2008	0.102	ng/ul#	81
7) 2-Methylnaphthalene	11.904	142	744	0.067	ng/ul	93
8) 1-Methylnaphthalene	12.113	142	585	0.048	ng/ul	96
10) Acenaphthylene	13.780	152	6912	0.347	ng/ul	100
11) Acenaphthene	14.123	153	1968	0.137	ng/ul	98
12) Fluorene	15.122	166	2552	0.165	ng/ul#	97
15) Phenanthrene	16.846	178	59823	2.518	ng/ul	96
16) Anthracene	16.938	178	11904	0.673	ng/ul	97
19) Fluoranthene	18.863	202	151652	4.897	ng/ul	96
20) Pyrene	19.225	202	111816	3.338	ng/ul	95
21) Benzo(a)anthracene	20.982	228	65084	2.356	ng/ul	99
22) Chrysene	21.035	228	70747	2.006	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	118779m	3.899	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	40953m	1.131	ng/ul	
26) Benzo(a)pyrene	22.995	252	39857	1.412	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.125	276	44564	0.965	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.128	278	13850	0.403	ng/ul#	92
29) Benzo(g,h,i)perylene	25.748	276	6793	0.171	ng/ul#	88

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

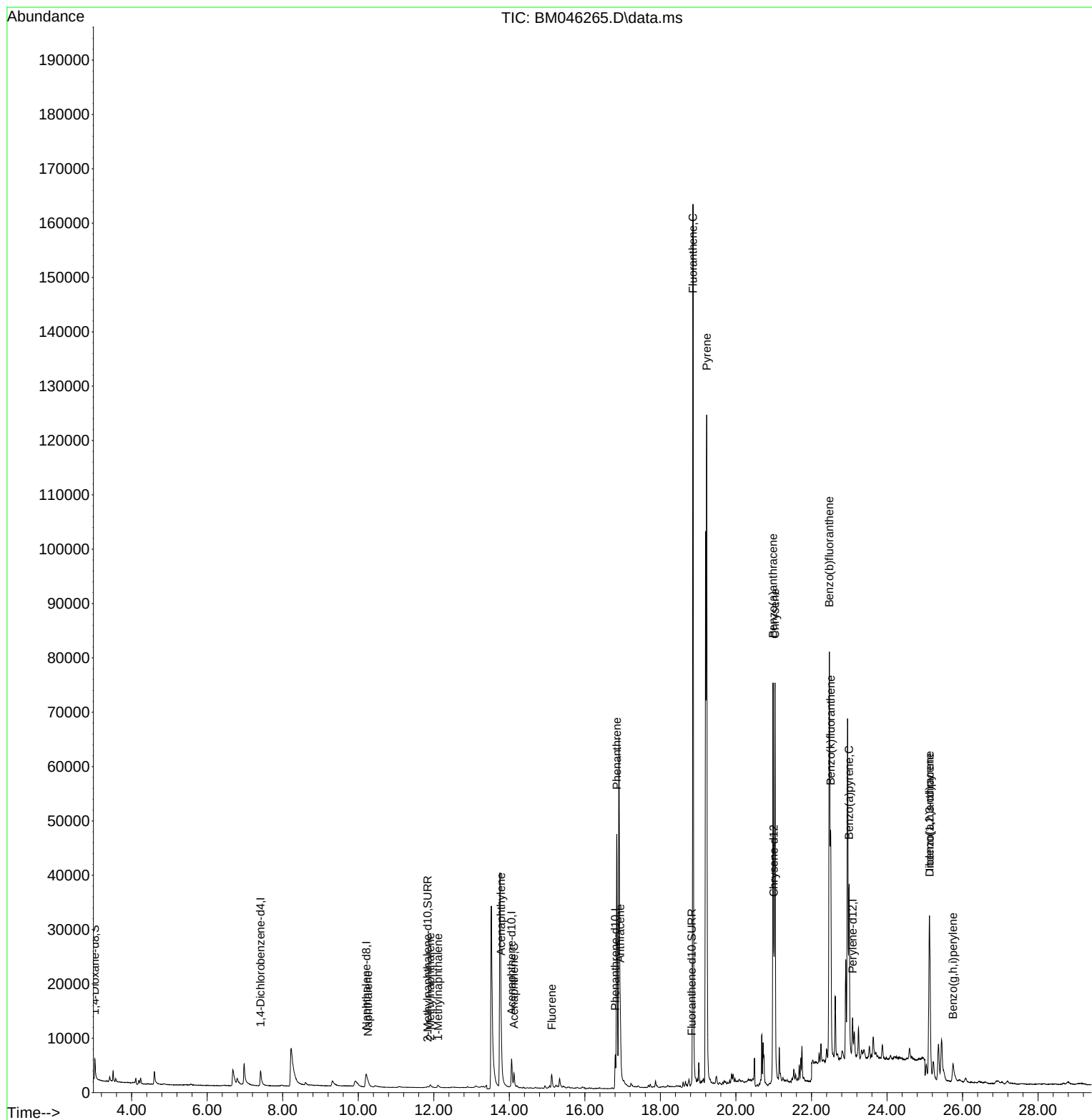
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046265.D
Acq On : 24 Jun 2024 22:22
Operator : MA/JU
Sample : P2776-22DL 5X
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ALS Vial : 23 Sample Multiplier: 1

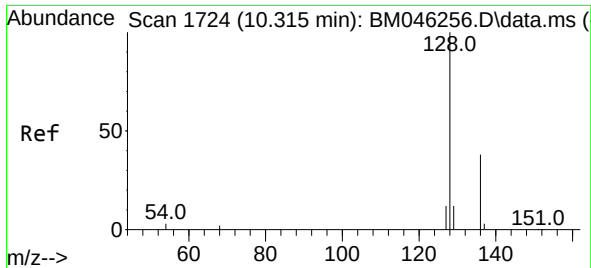
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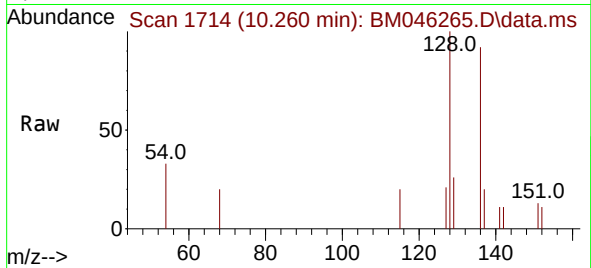
Quant Time: Jun 25 02:27:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

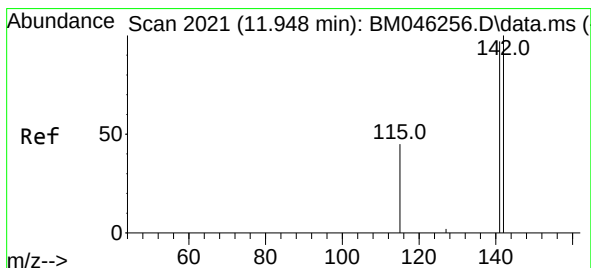
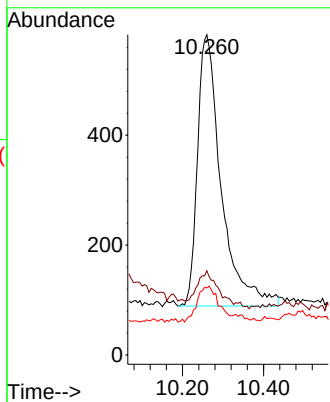
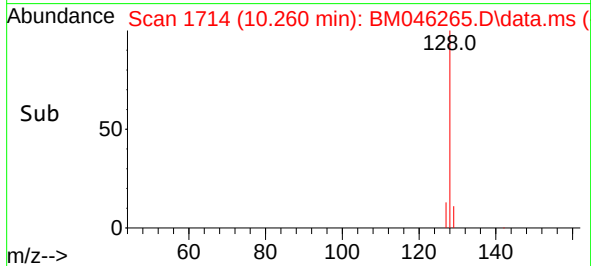
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:128 Resp: 2000
Ion Ratio Lower Upper
128 100
129 26.2 11.8 17.6
127 20.9 12.8 19.2

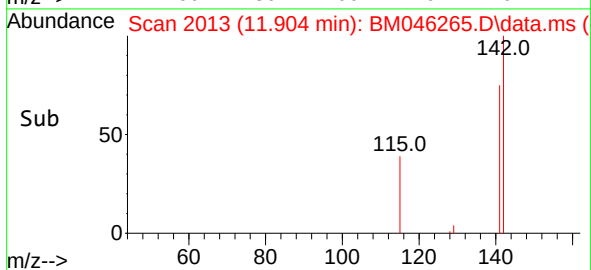
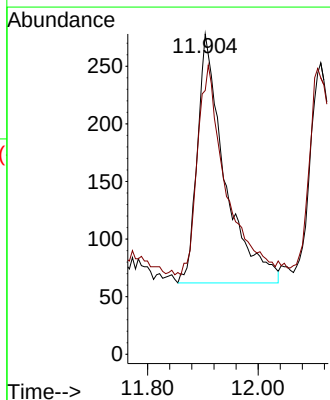
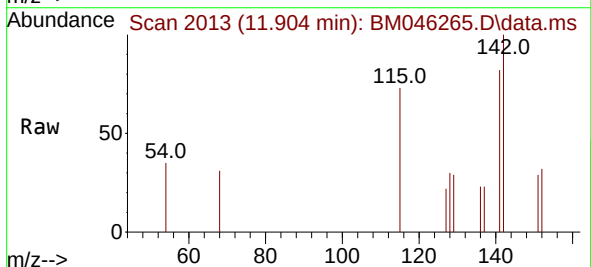
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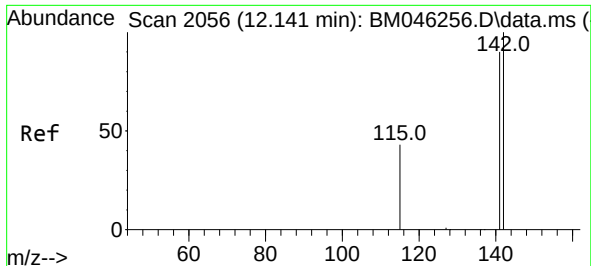
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.043 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

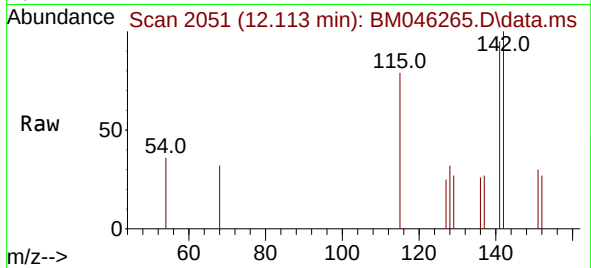
Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 86.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. -0.037 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

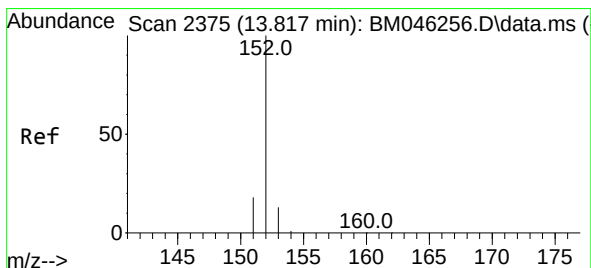
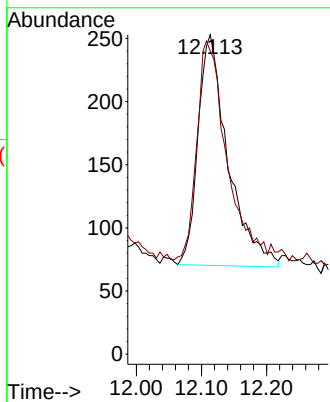
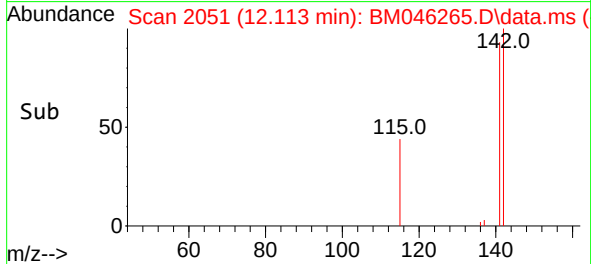
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:142 Resp: 589
Ion Ratio Lower Upper
142 100
141 97.4 75.2 112.8

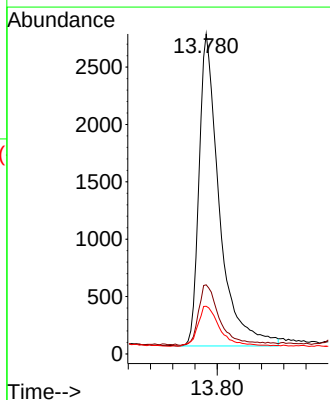
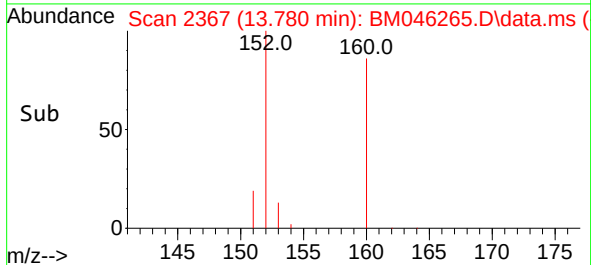
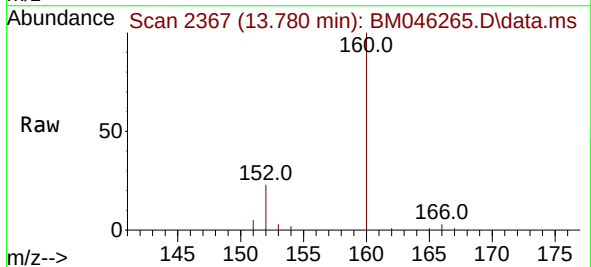
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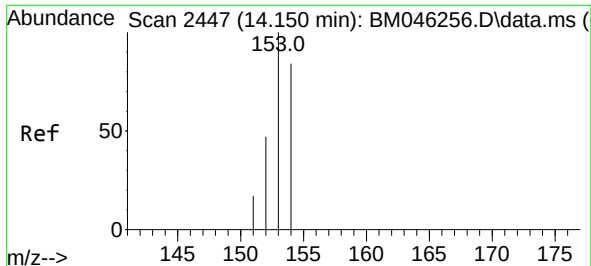
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

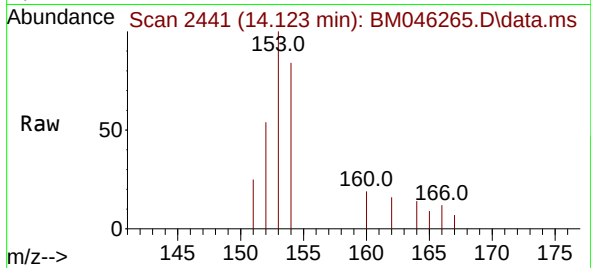
Tgt Ion:152 Resp: 6912
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 14.9 11.8 17.8





#11
Acenaphthene
Concen: 0.137 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.050 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

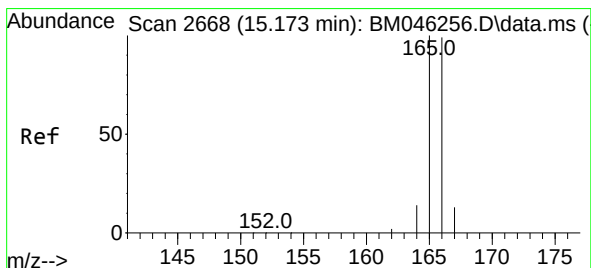
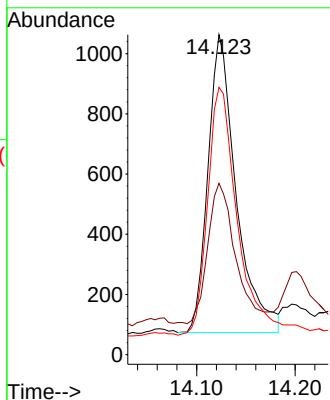
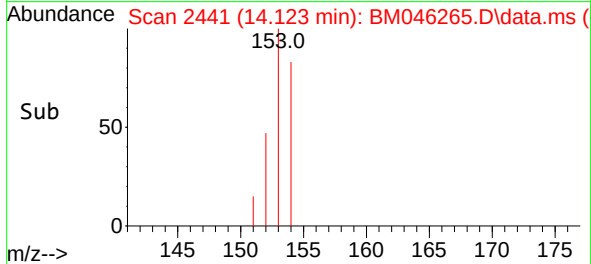
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:153 Resp: 1968
Ion Ratio Lower Upper
153 100
152 53.5 41.3 61.9
154 83.5 68.2 102.4

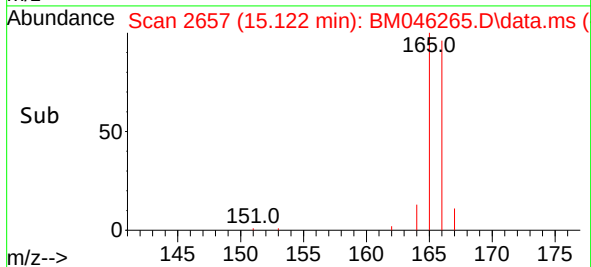
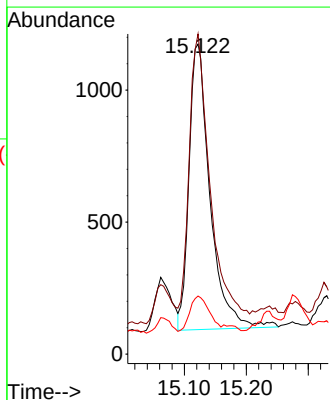
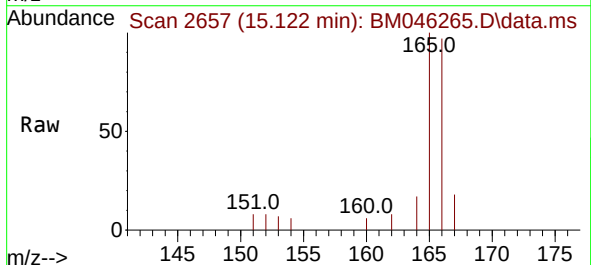
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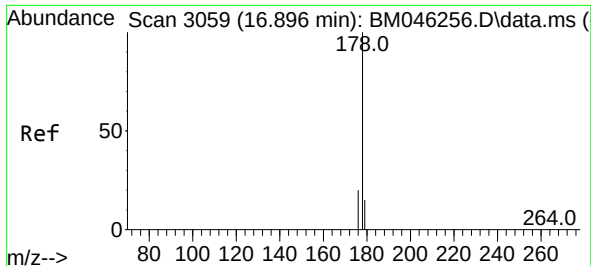
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

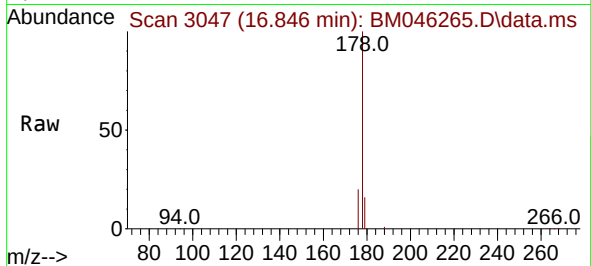
Tgt Ion:166 Resp: 2552
Ion Ratio Lower Upper
166 100
165 103.2 80.4 120.6
167 18.7 12.4 18.6#





#15
Phenanthrene
Concen: 2.518 ng/u1
RT: 16.846 min Scan# 3059
Delta R.T. -0.058 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

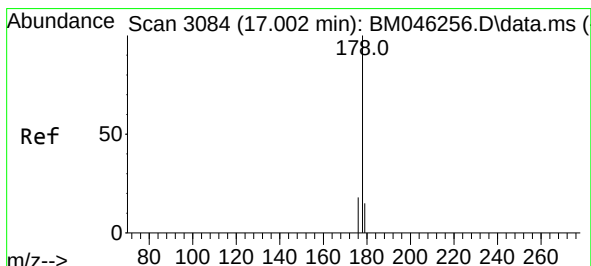
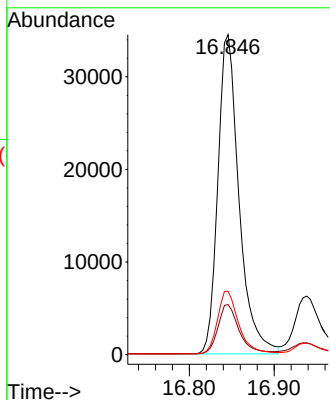
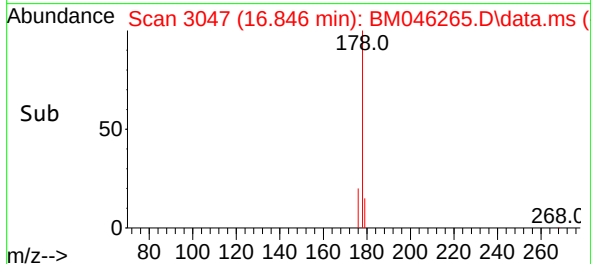
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:178 Resp: 5982
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.2
176 19.8 17.1 25.7

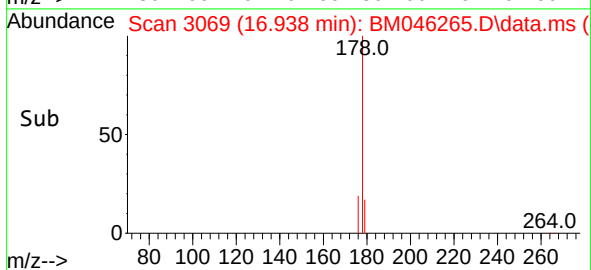
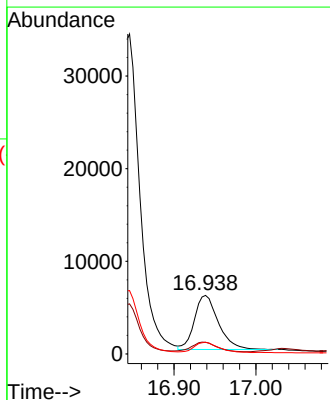
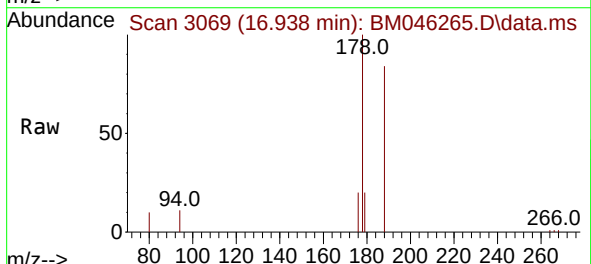
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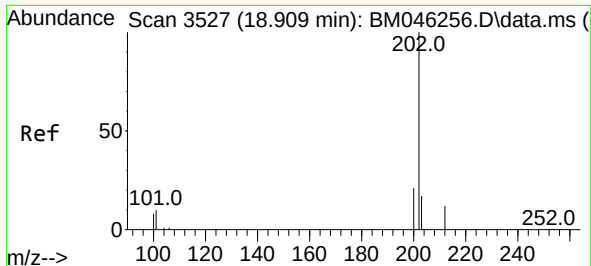
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.673 ng/u1
RT: 16.938 min Scan# 3069
Delta R.T. -0.066 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

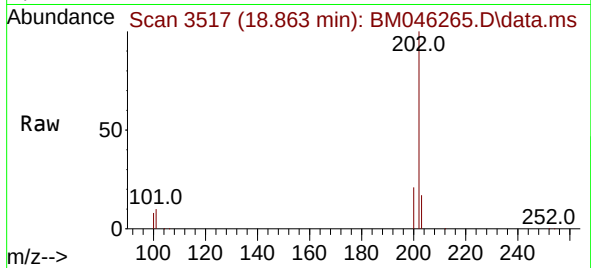
Tgt Ion:178 Resp: 11904
Ion Ratio Lower Upper
178 100
179 20.1 14.9 22.3
176 20.0 17.0 25.4





#19
Fluoranthene
Concen: 4.897 ng/u1
RT: 18.863 min Scan# 31
Delta R.T. -0.055 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

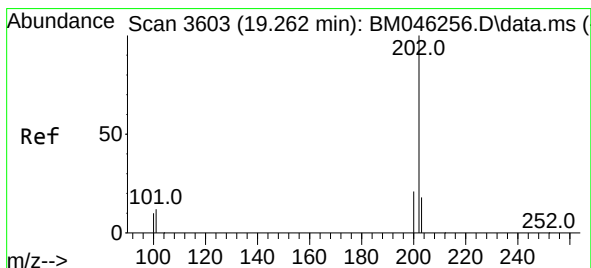
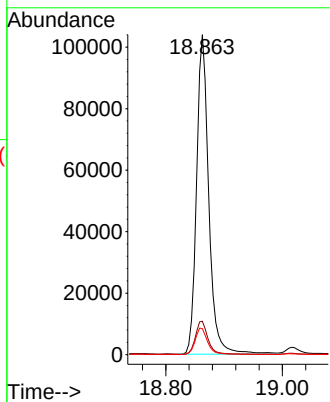
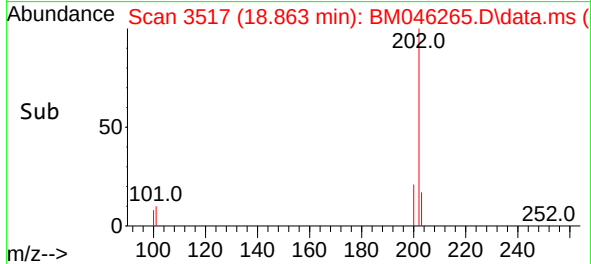
Instrument :
BNA_M
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A4C76DL



Tgt Ion:202 Resp: 15165
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.2 7.6 11.4

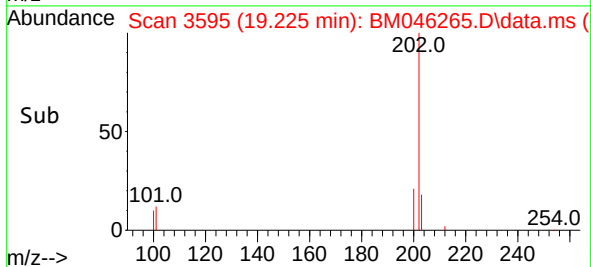
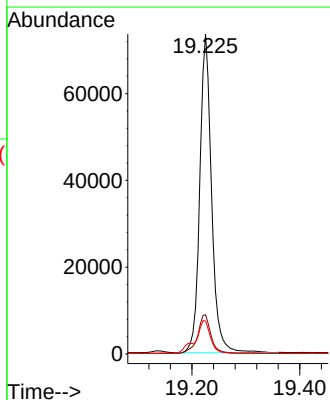
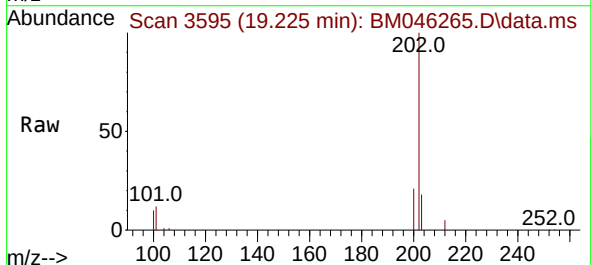
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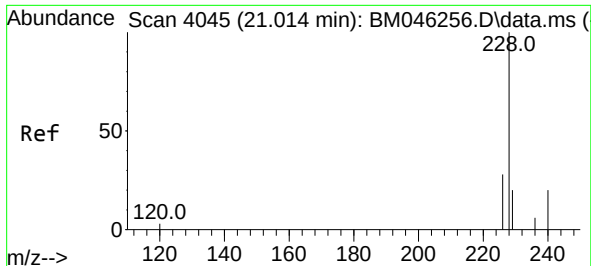
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 3.338 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

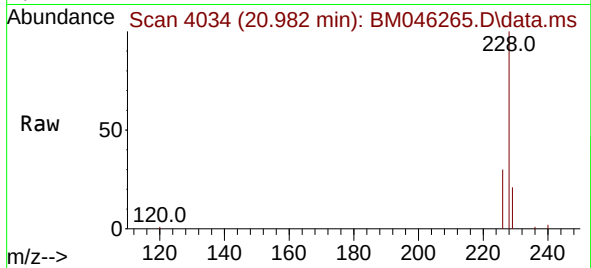
Tgt Ion:202 Resp: 111816
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.356 ng/ul
RT: 20.982 min Scan# 4045
Delta R.T. -0.047 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

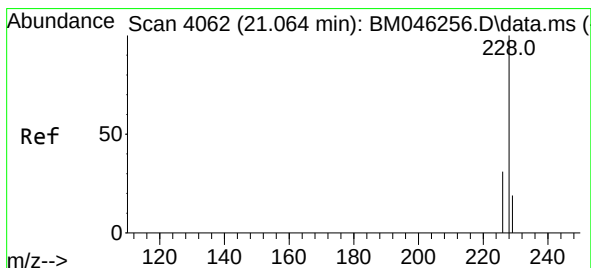
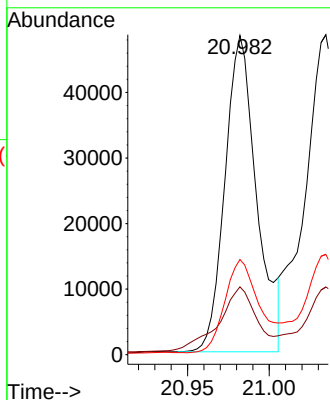
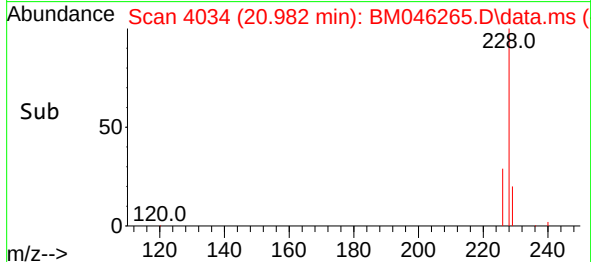
Instrument :
BNA_M
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A4C76DL



Tgt Ion:228 Resp: 65084
Ion Ratio Lower Upper
228 100
229 21.2 16.4 24.6
226 29.8 23.4 35.2

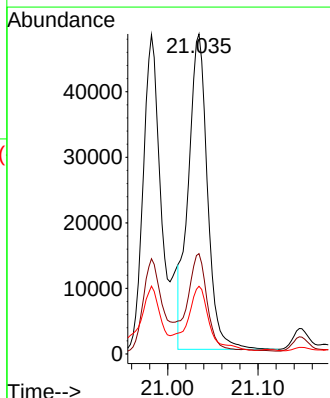
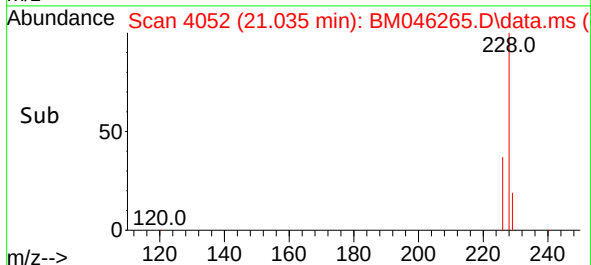
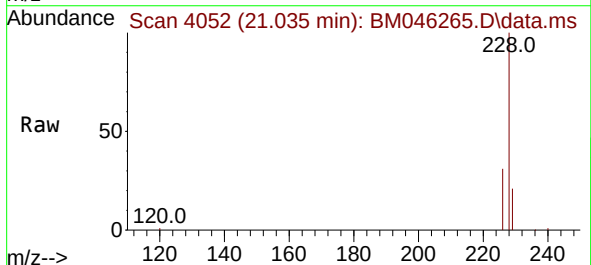
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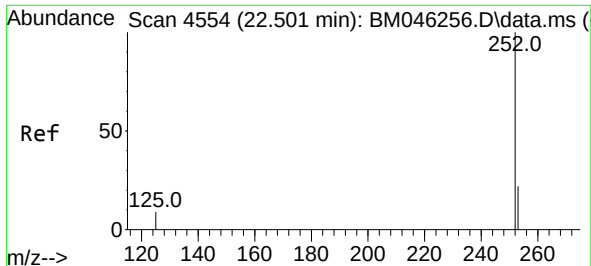
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 2.006 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.041 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

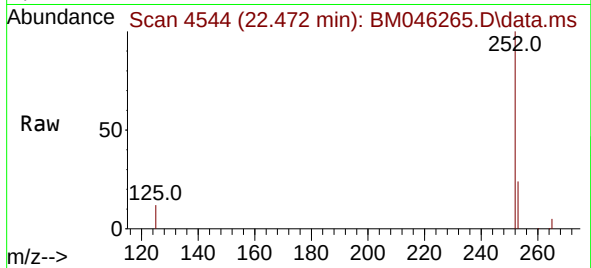
Tgt Ion:228 Resp: 70747
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.899 ng/ul m
RT: 22.472 min Scan# 4544
Delta R.T. -0.047 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

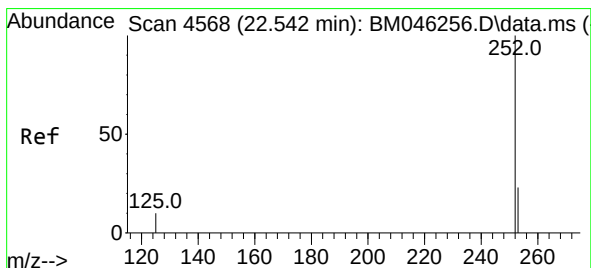
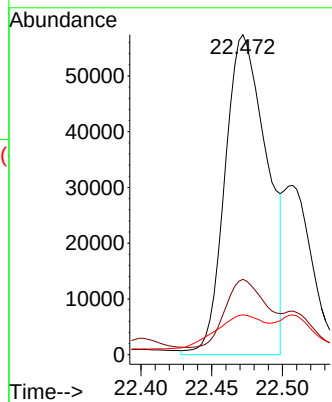
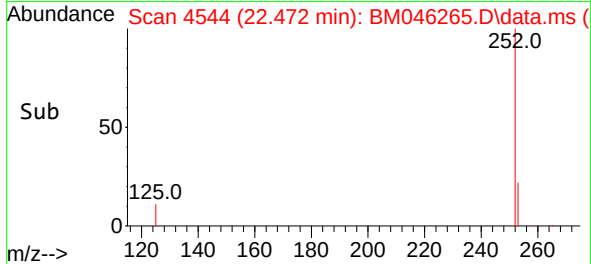
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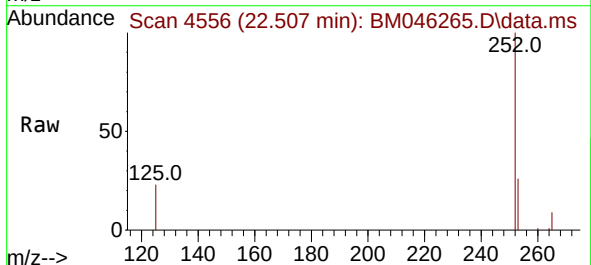
Tgt Ion:252 Resp: 118779
Ion Ratio Lower Upper
252 100
253 23.6 0.0 65.8
125 12.5 0.0 40.2

Manual Integrations
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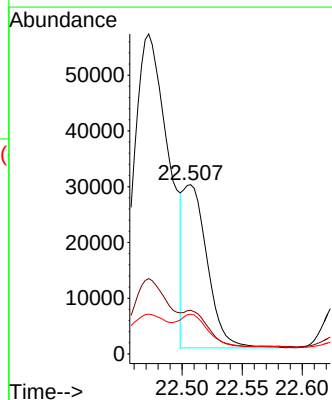
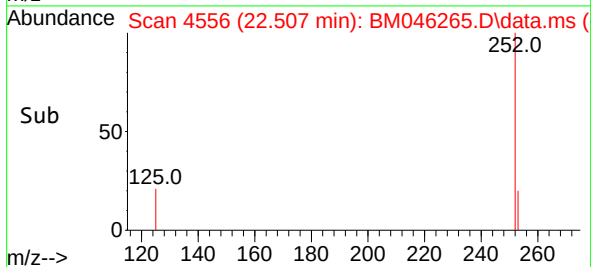
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

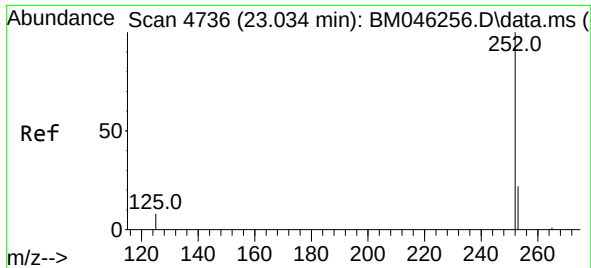


#25
Benzo(k)fluoranthene
Concen: 1.131 ng/ul m
RT: 22.507 min Scan# 4556
Delta R.T. -0.056 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22



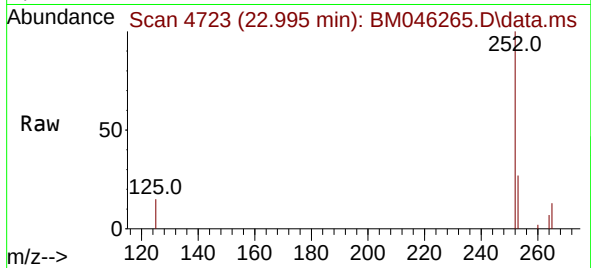
Tgt Ion:252 Resp: 40953
Ion Ratio Lower Upper
252 100
253 25.8 27.2 40.8#
125 23.5 16.6 25.0





#26
Benzo(a)pyrene
Concen: 1.412 ng/ul
RT: 22.995 min Scan# 41
Delta R.T. -0.059 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

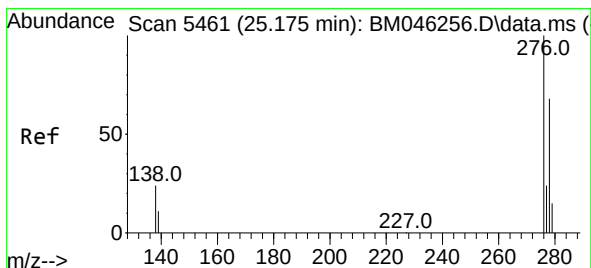
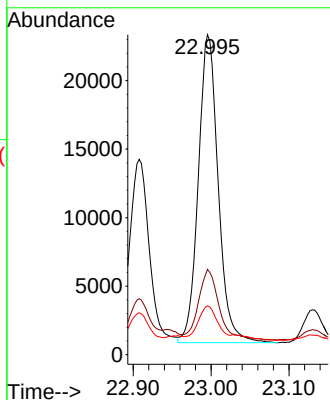
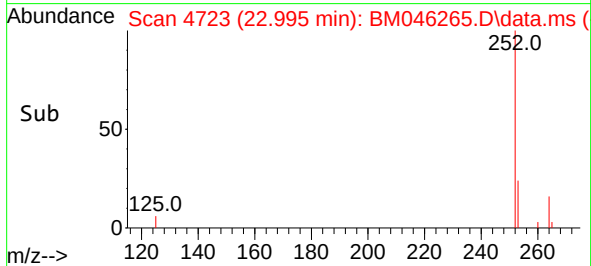
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:252 Resp: 3985
Ion Ratio Lower Upper
252 100
253 26.6 32.1 48.1
125 15.3 21.2 31.8

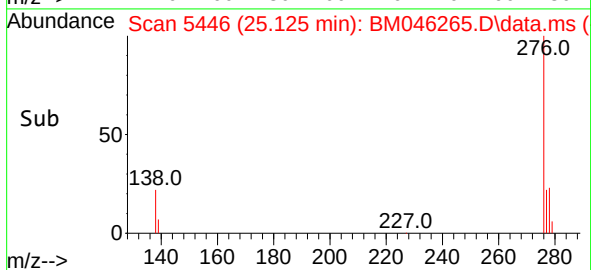
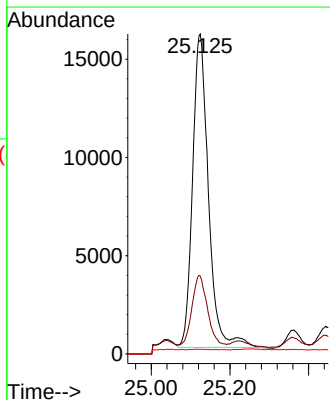
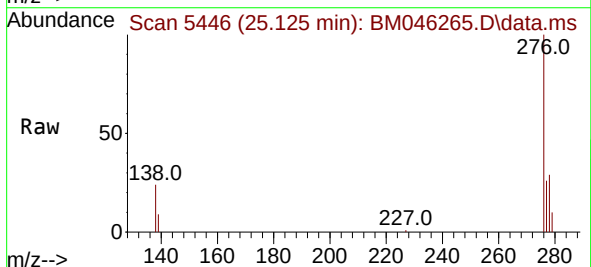
Manual Integrations
APPROVED

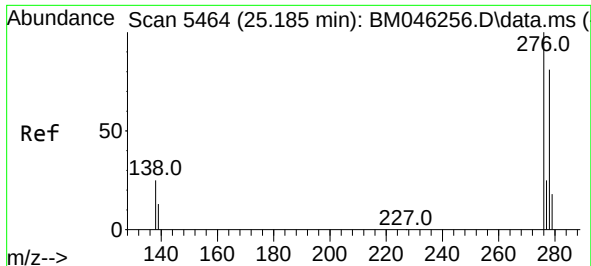
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.965 ng/ul
RT: 25.125 min Scan# 5446
Delta R.T. -0.078 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

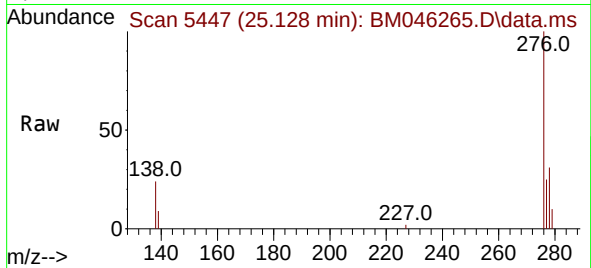
Tgt Ion:276 Resp: 44564
Ion Ratio Lower Upper
276 100
138 28.6 21.0 31.4
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.128 min Scan# 54
Delta R.T. -0.088 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

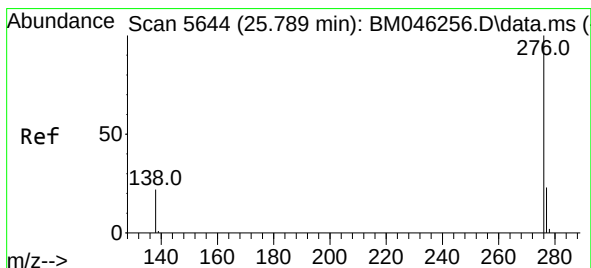
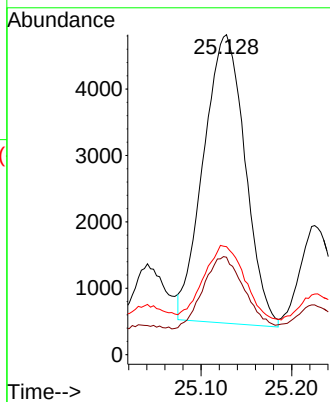
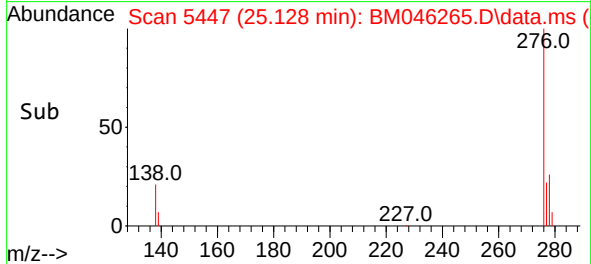
Instrument :
BNA_M
ClientSampleId :
A4C76DL



Tgt Ion:278 Resp: 13850
Ion Ratio Lower Upper
278 100
139 30.4 17.6 26.4#
279 33.8 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.171 ng/ul
RT: 25.748 min Scan# 5632
Delta R.T. -0.081 min
Lab File: BM046265.D
Acq: 24 Jun 2024 22:22

Tgt Ion:276 Resp: 6793
Ion Ratio Lower Upper
276 100
138 32.8 21.7 32.5#
277 32.5 20.4 30.6#

