

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046266.D
 Acq On : 24 Jun 2024 22:59
 Operator : MA/JU
 Sample : P2776-20DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C73DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 02:28:01 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	2599	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.205	136	7673	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.058	164	4433	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	8921	0.400	ng/ul	-0.06
17) Chrysene-d12	20.997	240	7380	0.400	ng/ul	-0.05
23) Perylene-d12	23.089	264	8786m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2445	0.686	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.839	152	516	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.830	212	1242	0.056	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.255	128	3513	0.164	ng/ul#	92
7) 2-Methylnaphthalene	11.899	142	1179	0.098	ng/ul	97
8) 1-Methylnaphthalene	12.108	142	1038	0.079	ng/ul	98
10) Acenaphthylene	13.781	152	6552	0.312	ng/ul	98
11) Acenaphthene	14.123	153	4645	0.306	ng/ul	99
12) Fluorene	15.122	166	5083	0.312	ng/ul	100
15) Phenanthrene	16.842	178	117819	4.701	ng/ul	95
16) Anthracene	16.935	178	21803	1.168	ng/ul	96
19) Fluoranthene	18.858	202	265618	8.312	ng/ul	97
20) Pyrene	19.225	202	186380	5.393	ng/ul	94
21) Benzo(a)anthracene	20.982	228	109435	3.839	ng/ul	99
22) Chrysene	21.032	228	114978	3.161	ng/ul	100
24) Benzo(b)fluoranthene	22.475	252	162752m	5.142	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	65431m	1.739	ng/ul	
26) Benzo(a)pyrene	22.996	252	59012	2.012	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.128	276	60290	1.256	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.132	278	18736	0.524	ng/ul	98
29) Benzo(g,h,i)perylene	25.749	276	8807	0.214	ng/ul	93

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

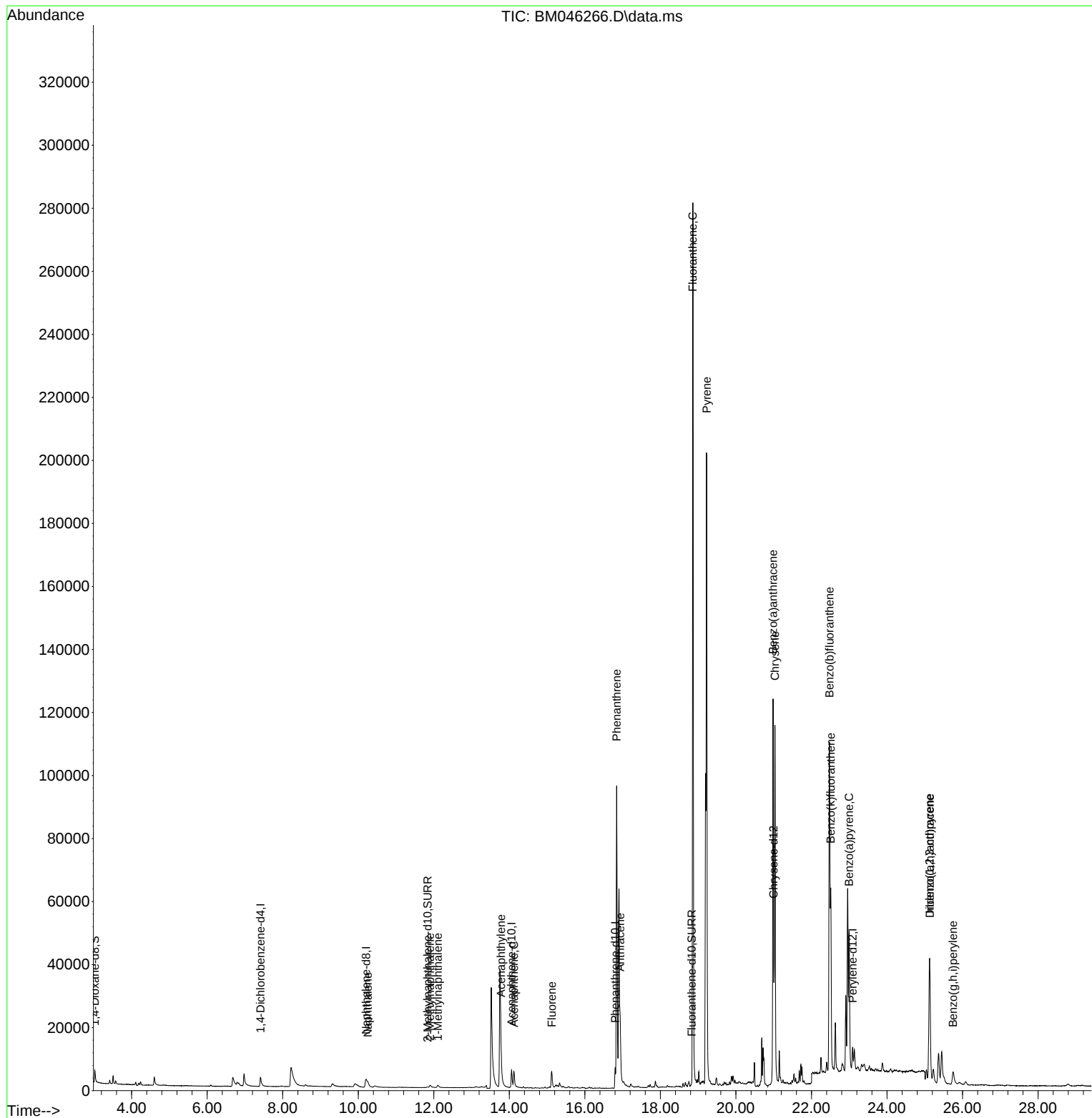
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046266.D
Acq On : 24 Jun 2024 22:59
Operator : MA/JU
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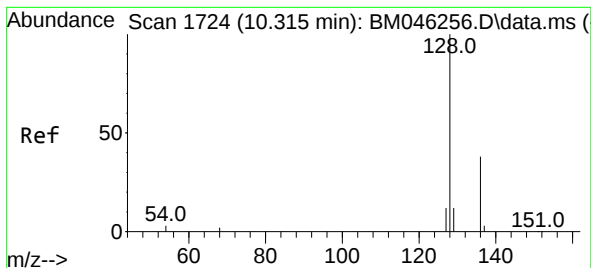
Instrument :
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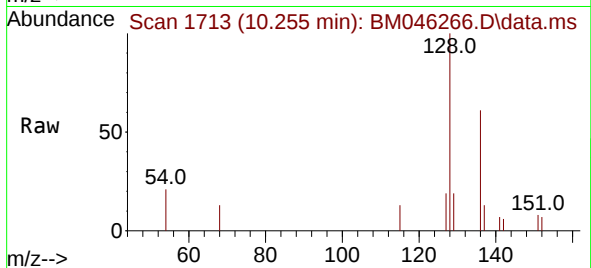
Quant Time: Jun 25 02:28:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
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#5
Naphthalene
Concen: 0.164 ng/ul
RT: 10.255 min Scan# 1713
Delta R.T. -0.048 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

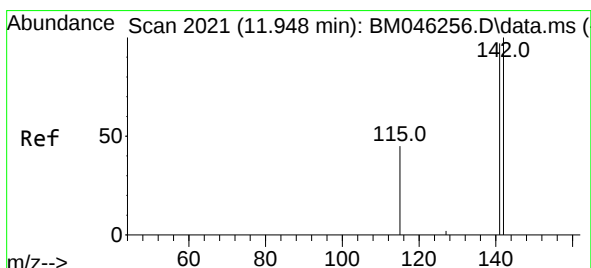
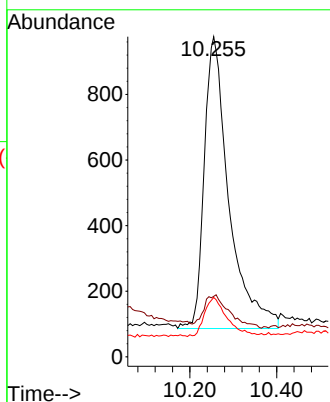
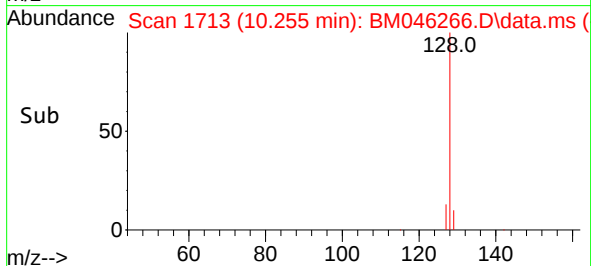
Instrument :
BNA_M
ClientSampleId :
A4C73DL



Tgt Ion:128 Resp: 351
Ion Ratio Lower Upper
128 100
129 18.9 11.8 17.6
127 18.5 12.8 19.2

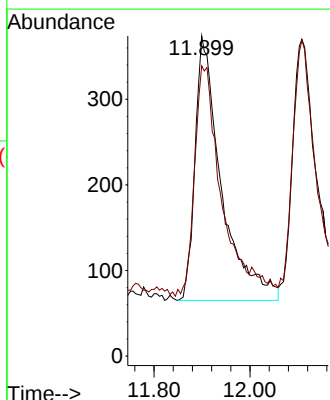
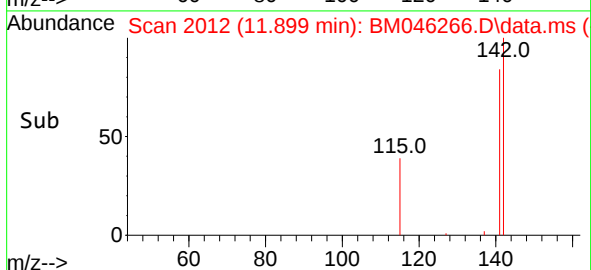
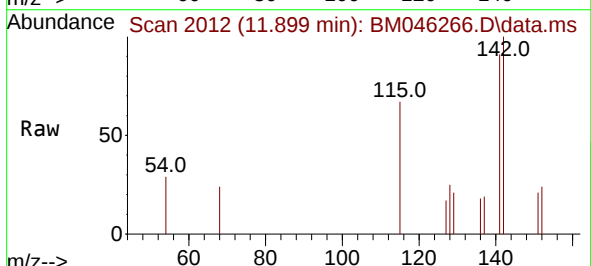
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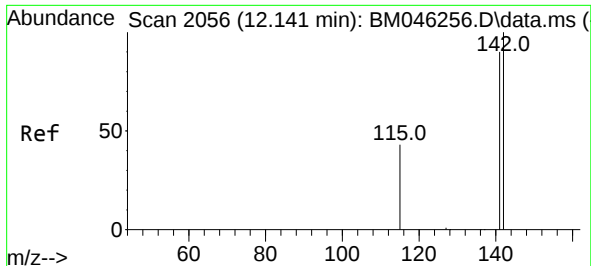
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

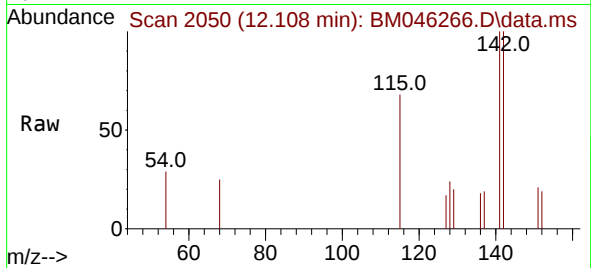
Tgt Ion:142 Resp: 1179
Ion Ratio Lower Upper
142 100
141 90.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.108 min Scan# 2050
Delta R.T. -0.042 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

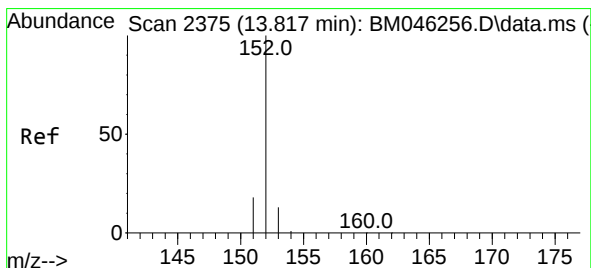
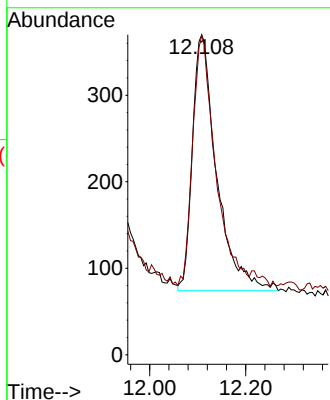
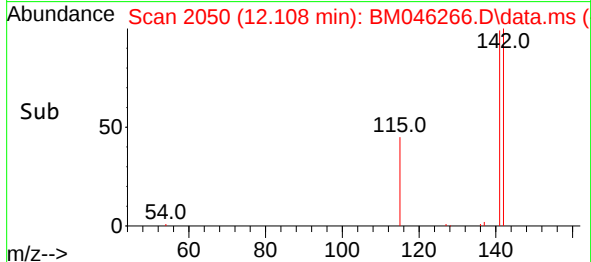
Instrument :
BNA_M
ClientSampleId :
A4C73DL



Tgt Ion:142 Resp: 1038
Ion Ratio Lower Upper
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141 91.9 75.2 112.8

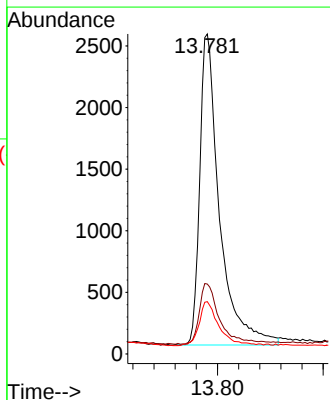
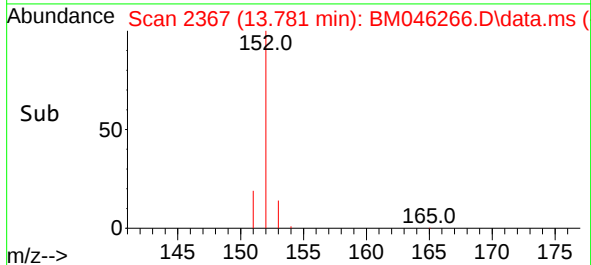
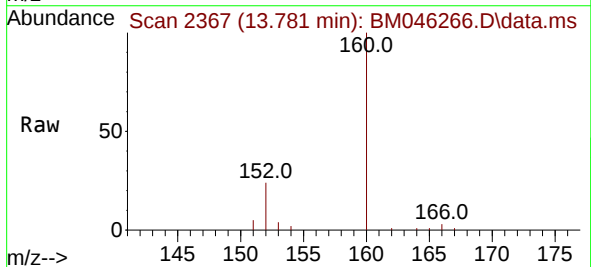
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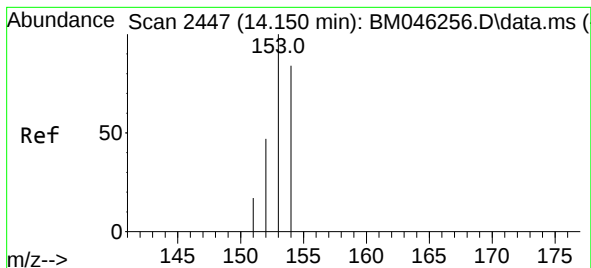
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 13.781 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:152 Resp: 6552
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 16.4 11.8 17.8





#11

Acenaphthene

Concen: 0.306 ng/u1

RT: 14.123 min Scan# 2441

Delta R.T. -0.049 min

Lab File: BM046266.D

Acq: 24 Jun 2024 22:59

Instrument :

BNA_M

ClientSampleId :

A4C73DL

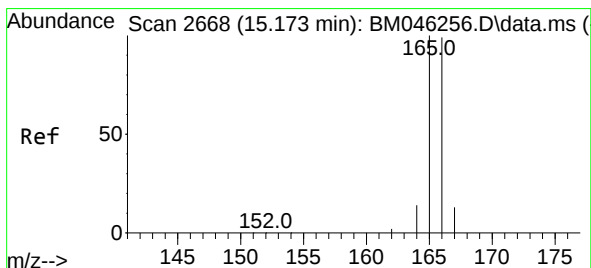
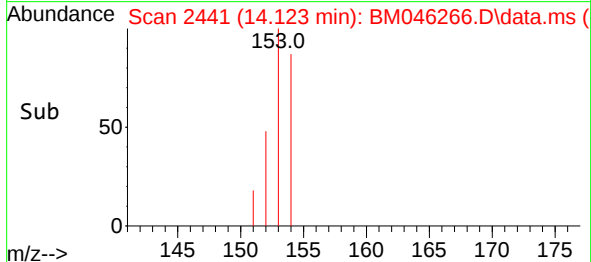
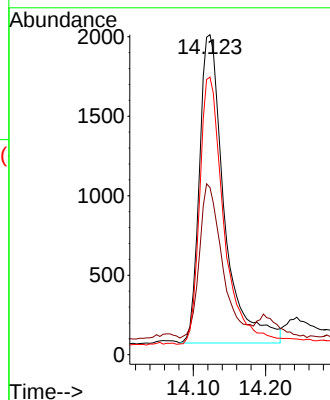
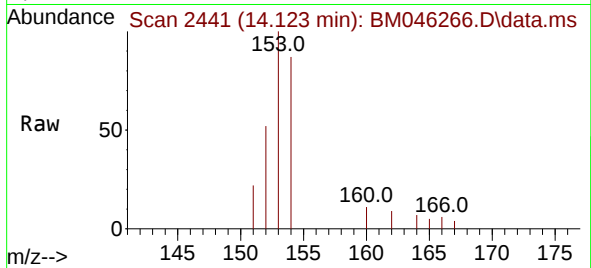
Tgt Ion:153	Resp:	464
Ion Ratio	Lower	Upper
153	100	
152	52.3	41.3 61.9
154	86.7	68.2 102.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/25/2024

Supervised By :mohammad ahmed 06/27/2024



#12

Fluorene

Concen: 0.312 ng/u1

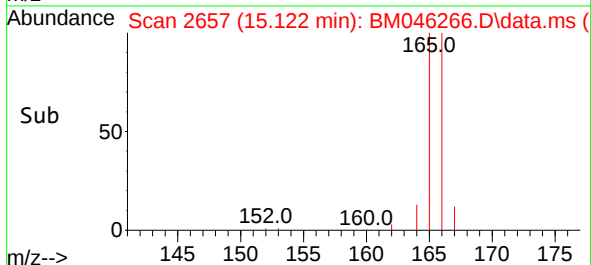
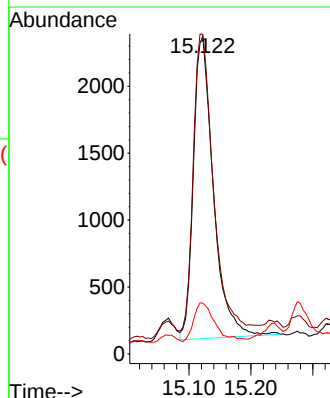
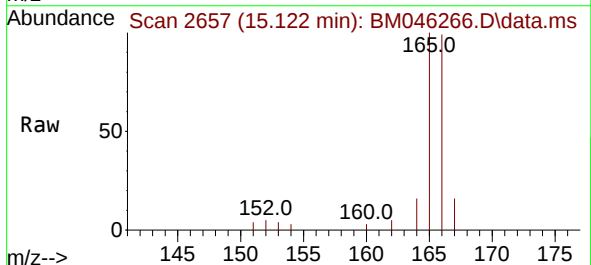
RT: 15.122 min Scan# 2657

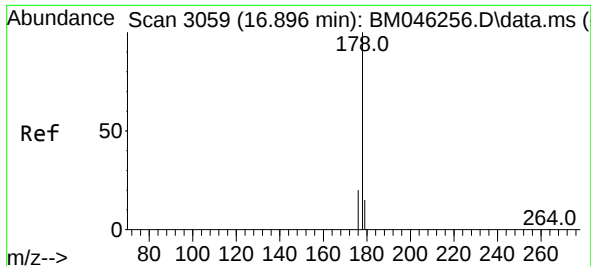
Delta R.T. -0.059 min

Lab File: BM046266.D

Acq: 24 Jun 2024 22:59

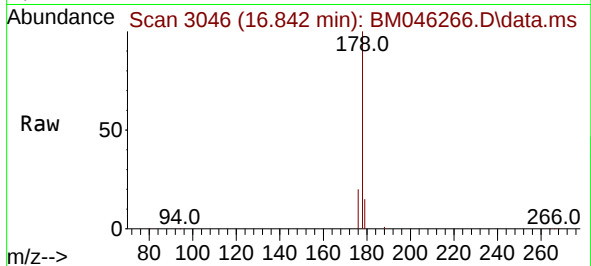
Tgt Ion:166	Resp:	5083
Ion Ratio	Lower	Upper
166	100	
165	100.6	80.4 120.6
167	16.0	12.4 18.6





#15
Phenanthrene
Concen: 4.701 ng/ul
RT: 16.842 min Scan# 3046
Delta R.T. -0.062 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

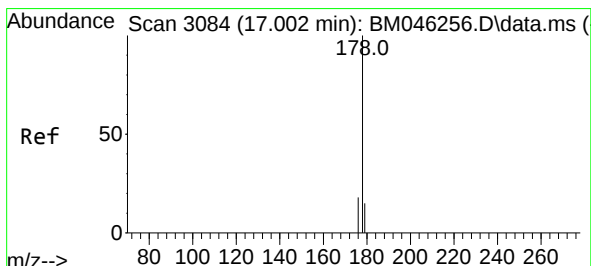
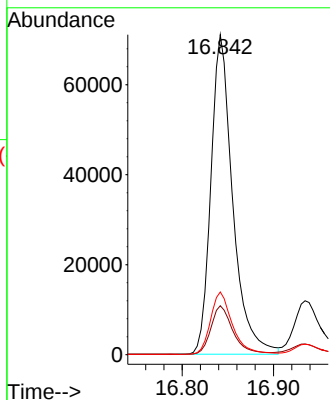
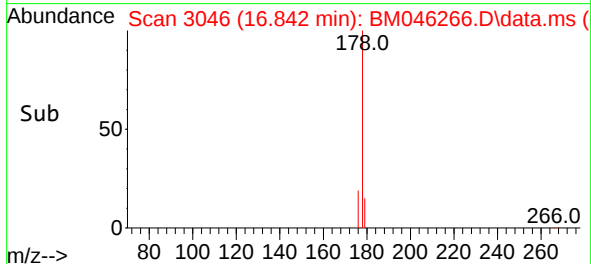
Instrument :
BNA_M
ClientSampleId :
A4C73DL



Tgt Ion:178 Resp: 117819
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.6 17.1 25.7

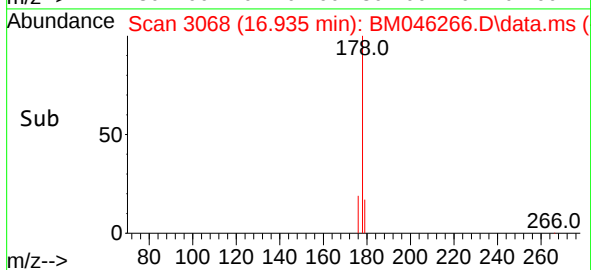
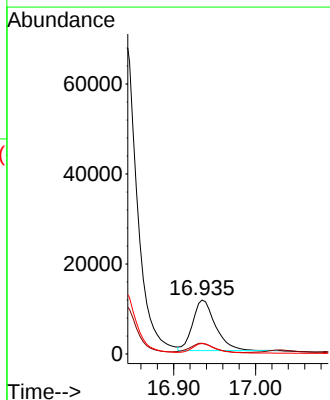
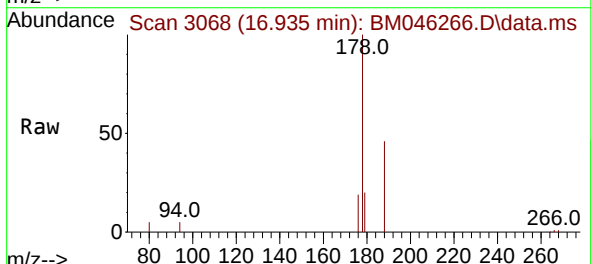
Manual Integrations
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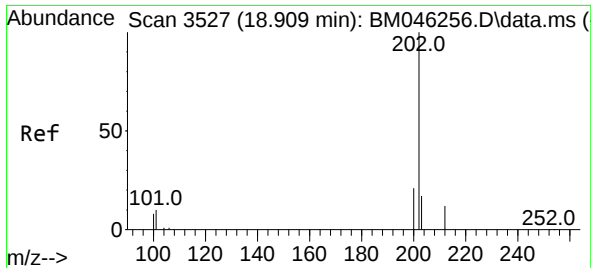
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 1.168 ng/ul
RT: 16.935 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

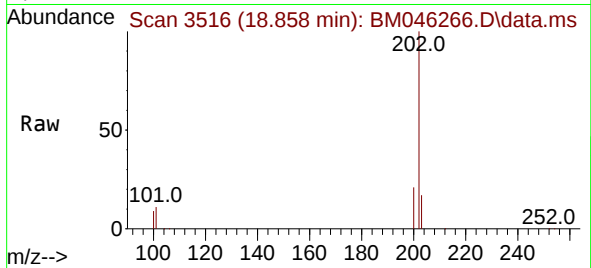
Tgt Ion:178 Resp: 21803
Ion Ratio Lower Upper
178 100
179 19.8 14.9 22.3
176 19.2 17.0 25.4





#19
Fluoranthene
Concen: 8.312 ng/u1
RT: 18.858 min Scan# 316
Delta R.T. -0.059 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

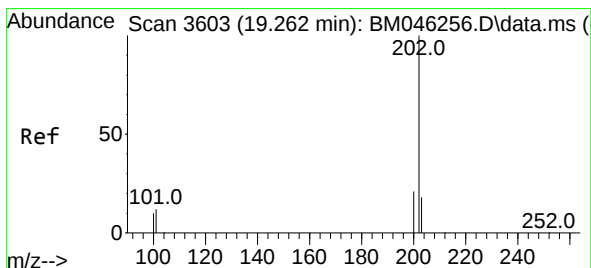
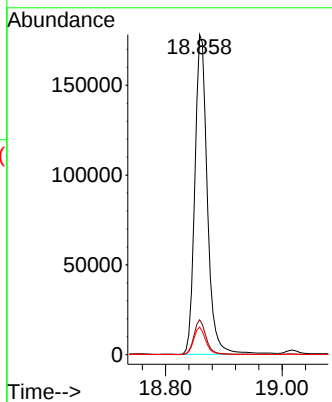
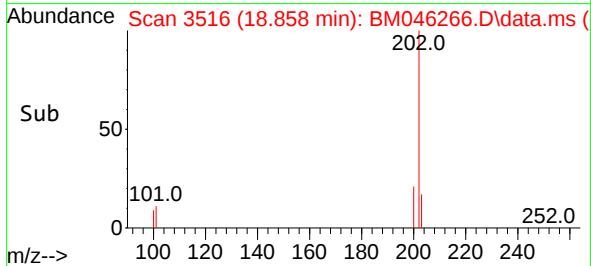
Instrument :
BNA_M
ClientSampleId :
A4C73DL



Tgt Ion:202 Resp: 265618
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.6 7.6 11.4

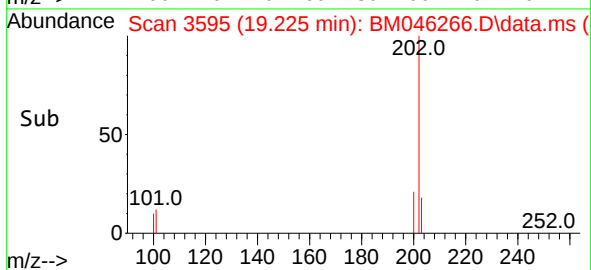
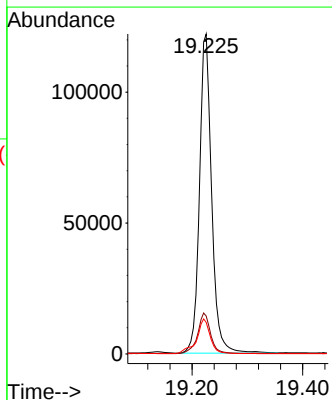
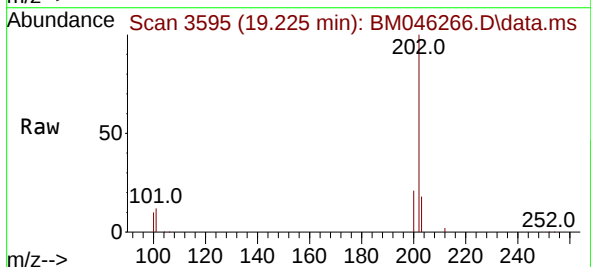
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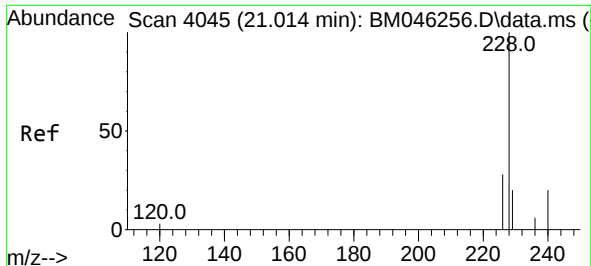
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 5.393 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

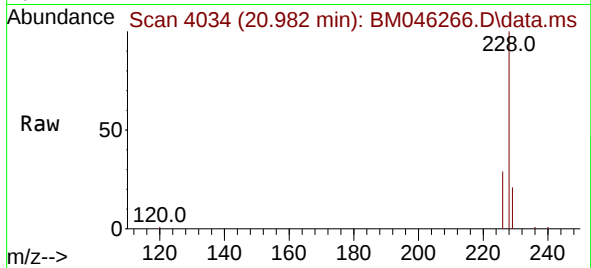
Tgt Ion:202 Resp: 186380
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 9.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.839 ng/ul
RT: 20.982 min Scan# 4051
Delta R.T. -0.047 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

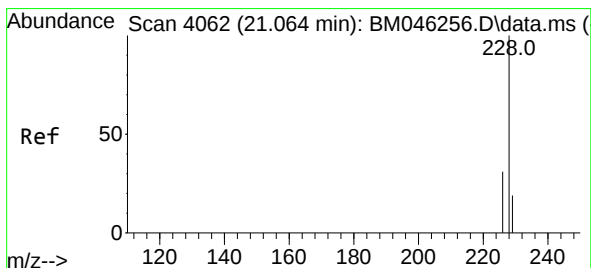
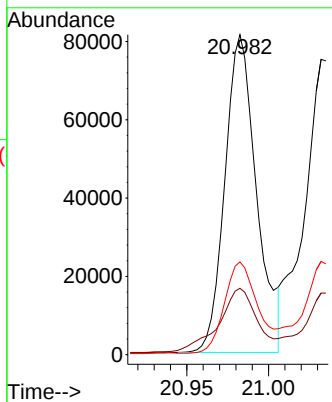
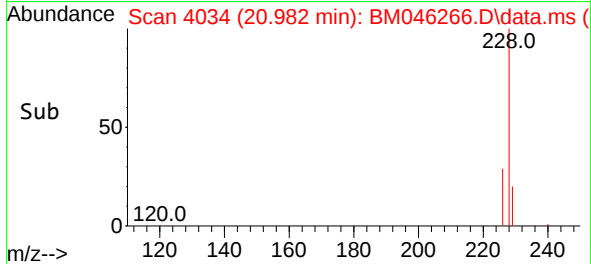
Instrument :
BNA_M
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A4C73DL



Tgt Ion:228 Resp: 109435
Ion Ratio Lower Upper
228 100
229 20.7 16.4 24.6
226 29.0 23.4 35.2

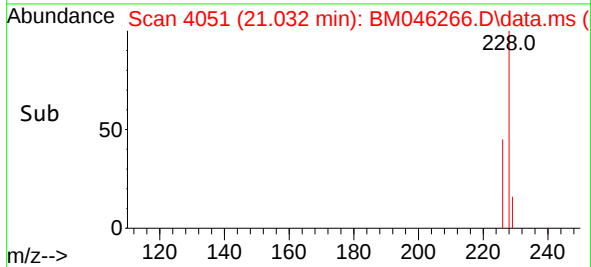
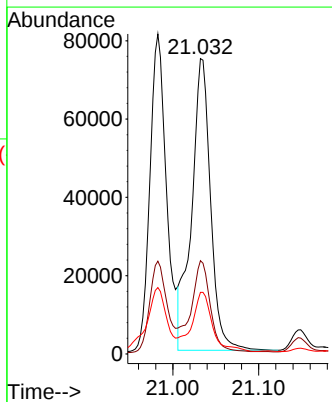
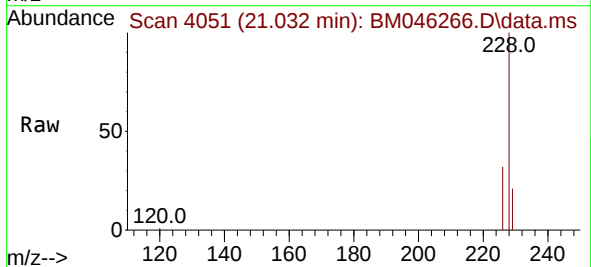
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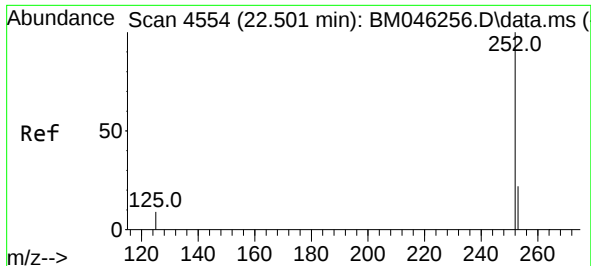
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 3.161 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.044 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

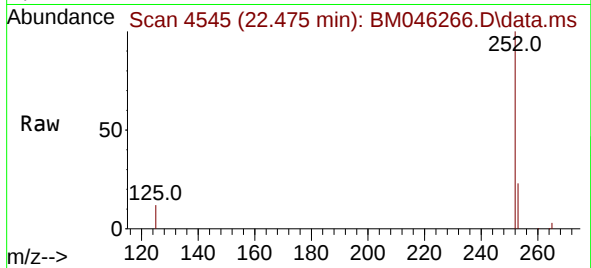
Tgt Ion:228 Resp: 114978
Ion Ratio Lower Upper
228 100
226 31.6 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.142 ng/ul m
RT: 22.475 min Scan# 4545
Delta R.T. -0.044 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

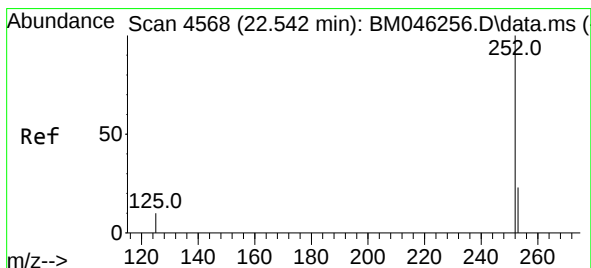
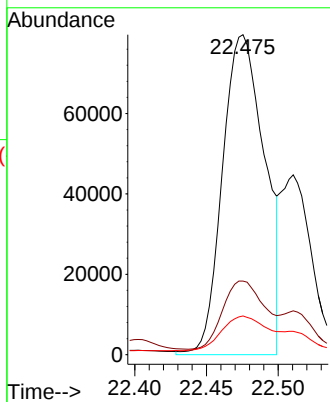
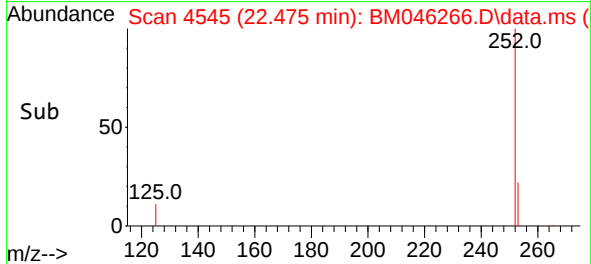
Instrument :
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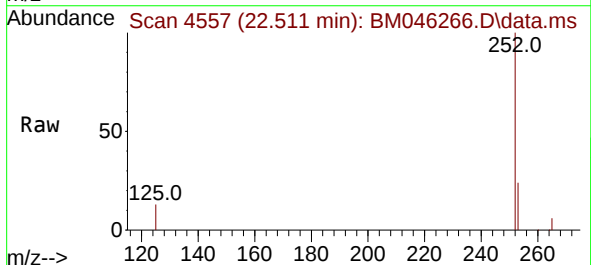
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Ion Ratio Lower Upper
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253 23.0 0.0 65.8
125 12.1 0.0 40.2

Manual Integrations
APPROVED

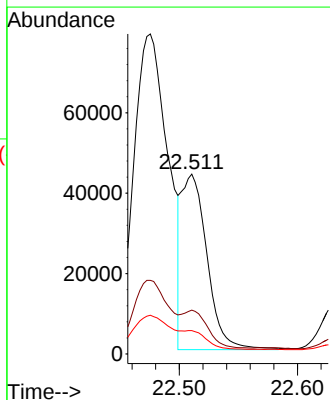
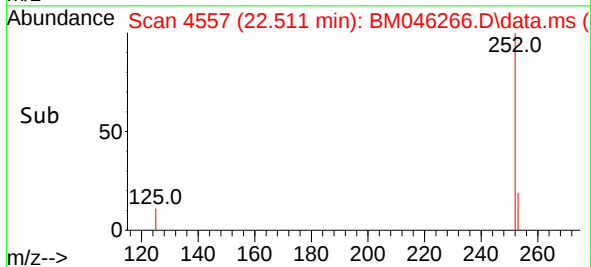
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024

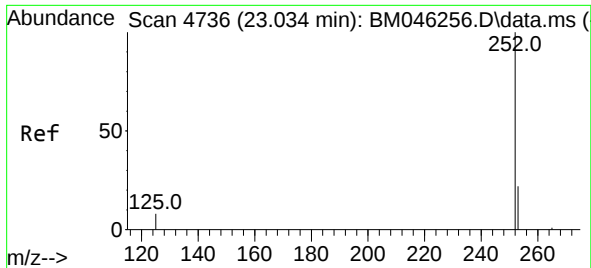


#25
Benzo(k)fluoranthene
Concen: 1.739 ng/ul m
RT: 22.511 min Scan# 4557
Delta R.T. -0.053 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59



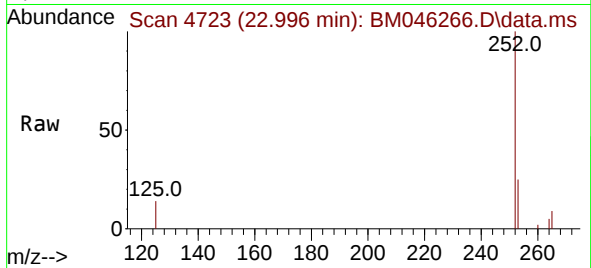
Tgt Ion:252 Resp: 65431
Ion Ratio Lower Upper
252 100
253 24.4 27.2 40.8#
125 13.0 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.012 ng/ul
RT: 22.996 min Scan# 41
Delta R.T. -0.059 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

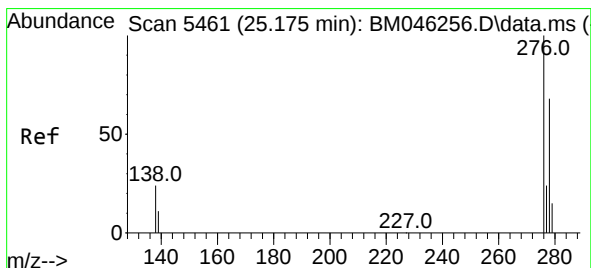
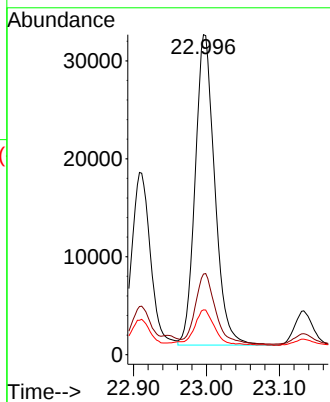
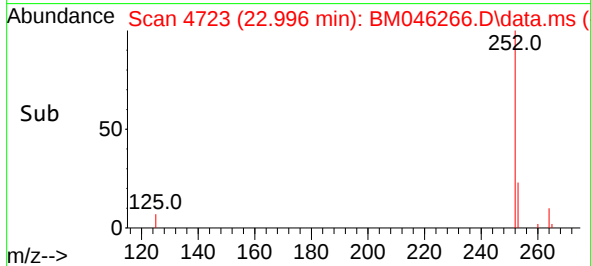
Instrument :
BNA_M
ClientSampleId :
A4C73DL



Tgt Ion:252 Resp: 5901
Ion Ratio Lower Upper
252 100
253 25.2 32.1 48.1
125 14.0 21.2 31.8

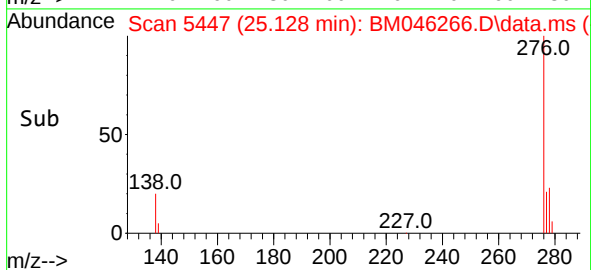
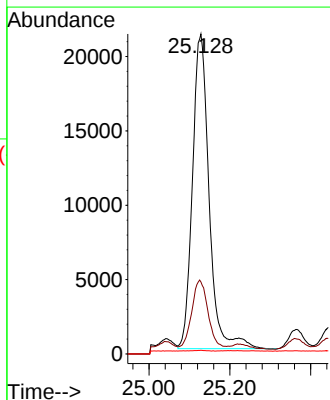
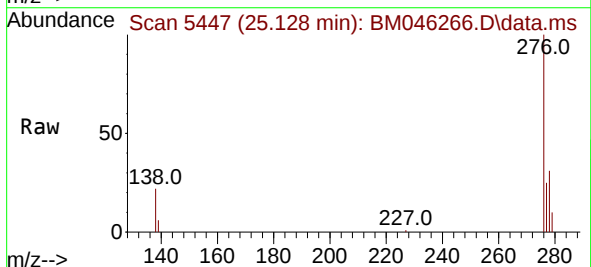
Manual Integrations
APPROVED

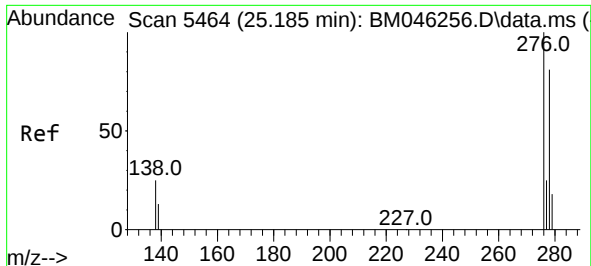
Reviewed By :Yogesh Patel 06/25/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.256 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.074 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

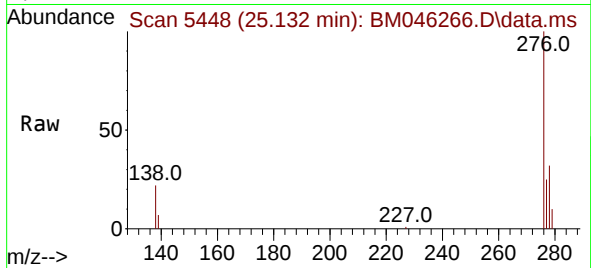
Tgt Ion:276 Resp: 60290
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
227 6.7 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 25.132 min Scan# 54
Delta R.T. -0.084 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

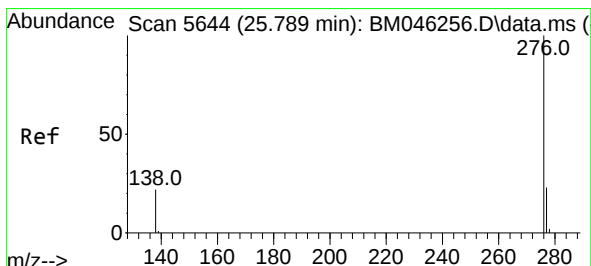
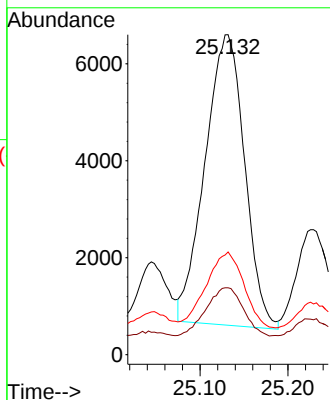
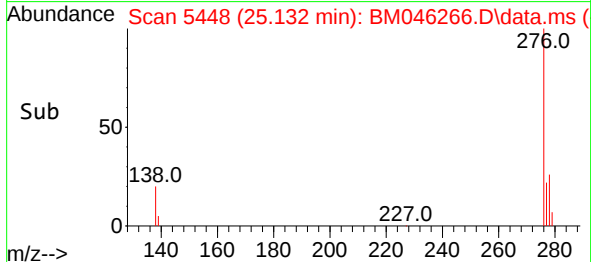
Instrument :
BNA_M
ClientSampleId :
A4C73DL



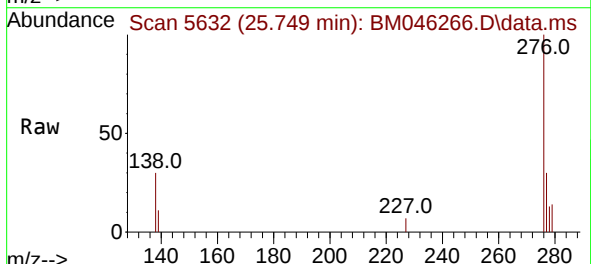
Tgt Ion:278 Resp: 18730
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 32.1 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.214 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.081 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59



Tgt Ion:276 Resp: 8807
Ion Ratio Lower Upper
276 100
138 29.9 21.7 32.5
277 29.8 20.4 30.6

