

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046285.D
 Acq On : 25 Jun 2024 11:05
 Operator : MA/JU
 Sample : P2844-24
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C49

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 12:42:06 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 : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2450	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.165	136	7373	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.043	164	4234	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.790	188	9395m	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	7059	0.400	ng/ul	-0.03
23) Perylene-d12	23.084	264	7785m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	9605	2.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.744	152	2751	0.278	ng/ul	-0.13
18) Fluoranthene-d10	18.824	212	5932	0.281	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.209	128	2891	0.141	ng/ul	97
7) 2-Methylnaphthalene	11.821	142	1108	0.096	ng/ul	94
8) 1-Methylnaphthalene	12.046	142	804	0.063	ng/ul	97
10) Acenaphthylene	13.756	152	5272	0.263	ng/ul	97
11) Acenaphthene	14.103	153	3231	0.223	ng/ul	99
12) Fluorene	15.102	166	3576	0.230	ng/ul	99
15) Phenanthrene	16.832	178	72441m	2.744	ng/ul	
16) Anthracene	16.921	178	15042m	0.765	ng/ul	
19) Fluoranthene	18.857	202	129132	4.225	ng/ul	96
20) Pyrene	19.219	202	99510	3.011	ng/ul	96
21) Benzo(a)anthracene	20.980	228	55783	2.046	ng/ul	100
22) Chrysene	21.029	228	61817	1.777	ng/ul	99
24) Benzo(b)fluoranthene	22.470	252	84583m	3.016	ng/ul	
25) Benzo(k)fluoranthene	22.505	252	32256m	0.967	ng/ul	
26) Benzo(a)pyrene	22.993	252	33945	1.306	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.122	276	36289	0.853	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.122	278	9992	0.316	ng/ul#	37
29) Benzo(g,h,i)perylene	25.749	276	6144	0.168	ng/ul#	73

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

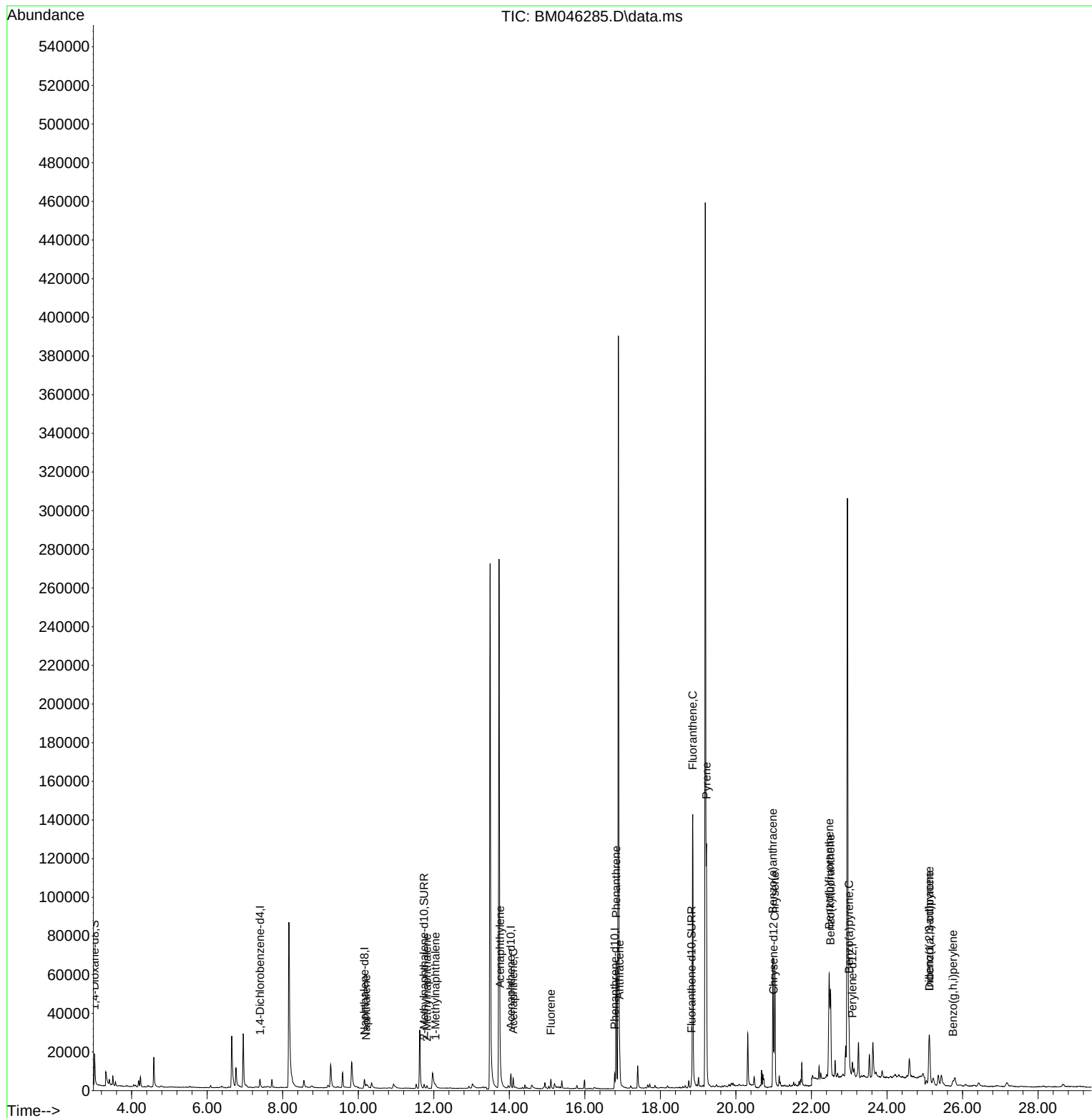
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
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ALS Vial : 44 Sample Multiplier: 1

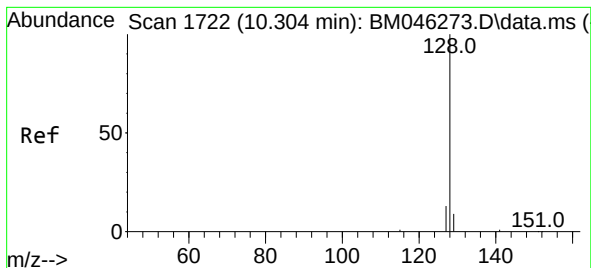
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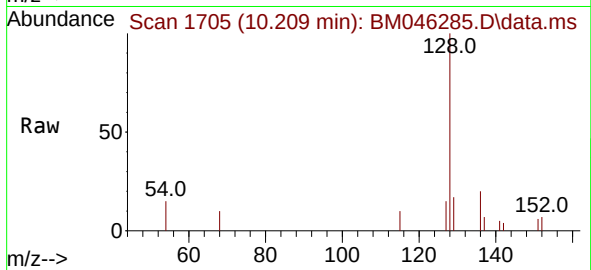
Quant Time: Jun 25 12:42:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#5
Naphthalene
Concen: 0.141 ng/ul
RT: 10.209 min Scan# 1705
Delta R.T. -0.095 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

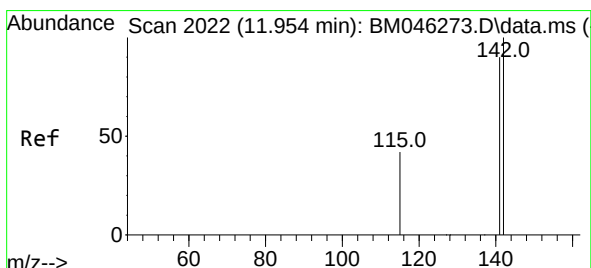
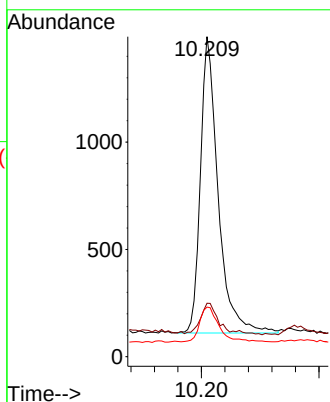
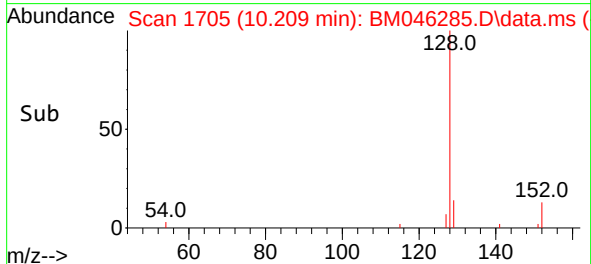
Instrument :
BNA_M
ClientSampleId :
A4C49



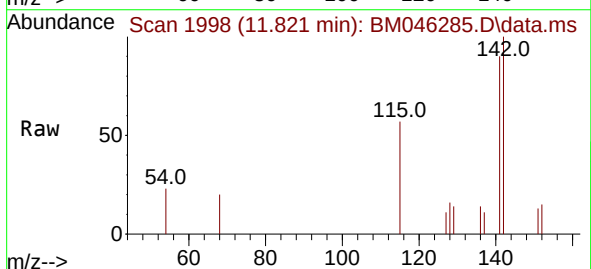
Tgt Ion:128 Resp: 289
Ion Ratio Lower Upper
128 100
129 16.7 11.8 17.6
127 15.5 12.8 19.2

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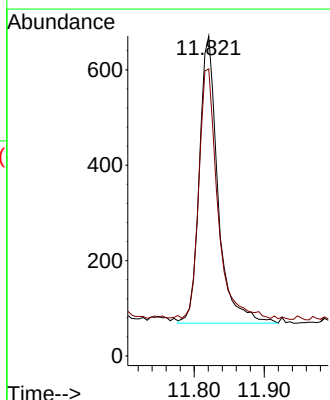
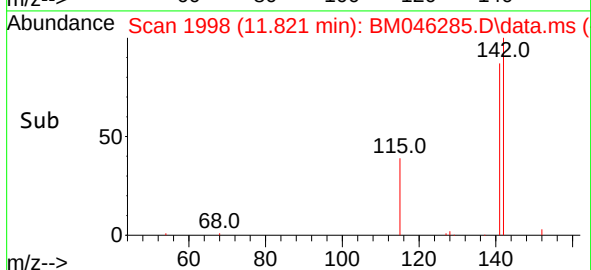
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

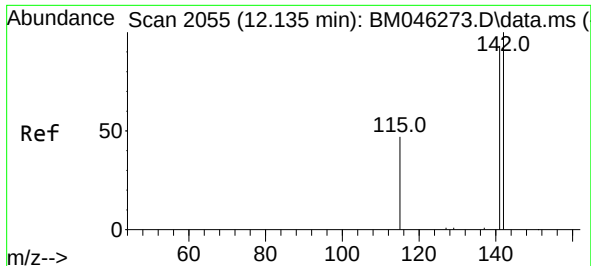


#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 11.821 min Scan# 1998
Delta R.T. -0.133 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05



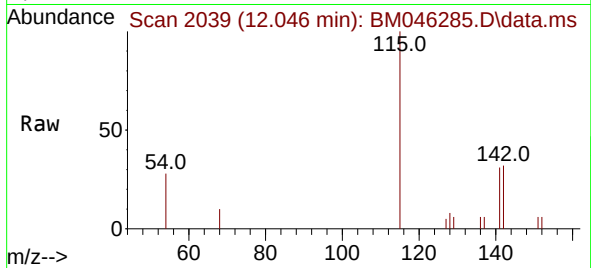
Tgt Ion:142 Resp: 1108
Ion Ratio Lower Upper
142 100
141 87.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.046 min Scan# 2055
Delta R.T. -0.089 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

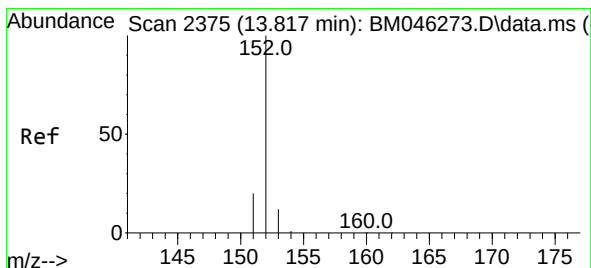
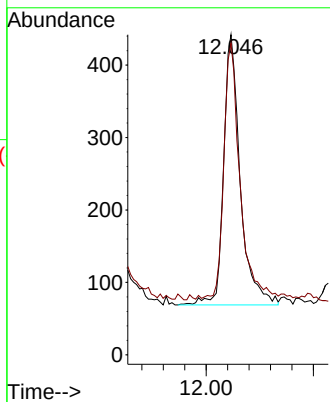
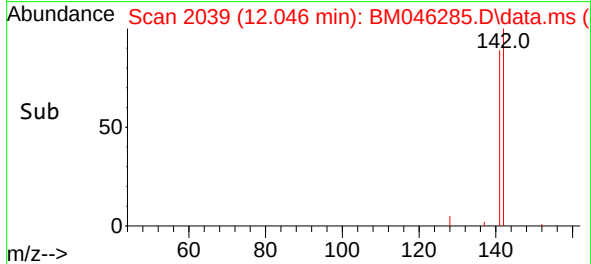
Instrument :
BNA_M
ClientSampleId :
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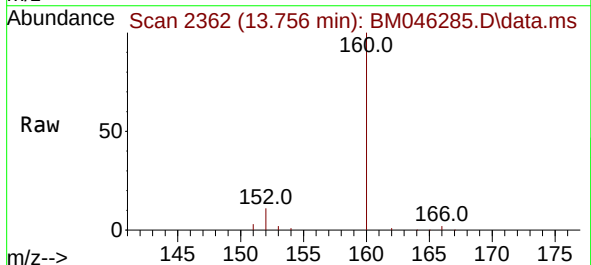
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
141 91.3 75.2 112.8

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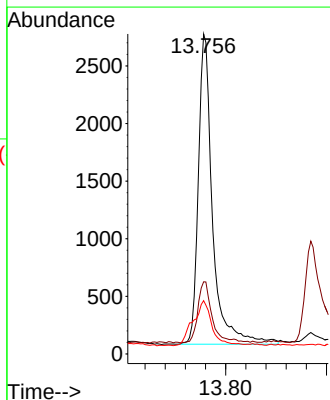
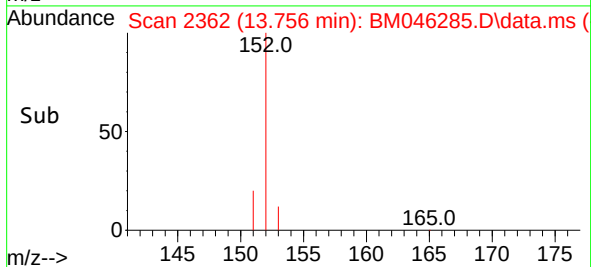
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

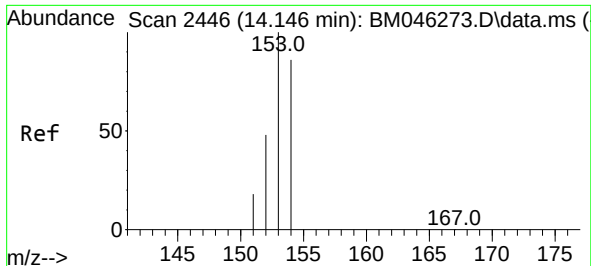


#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.756 min Scan# 2362
Delta R.T. -0.061 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05



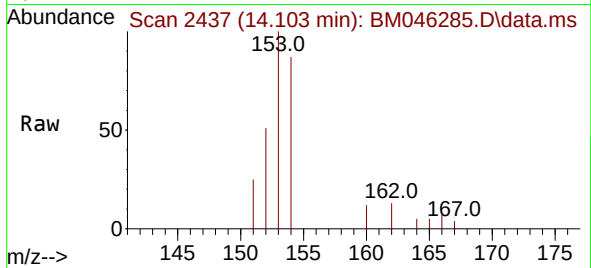
Tgt Ion:152 Resp: 5272
Ion Ratio Lower Upper
152 100
151 22.5 17.4 26.2
153 16.6 11.8 17.8





#11
Acenaphthene
Concen: 0.223 ng/u1
RT: 14.103 min Scan# 2446
Delta R.T. -0.043 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

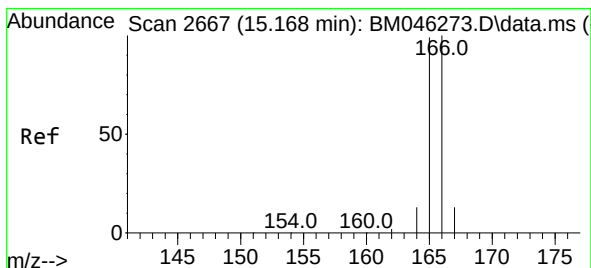
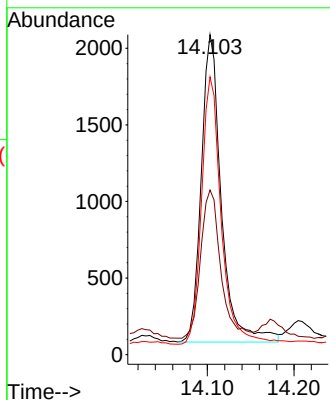
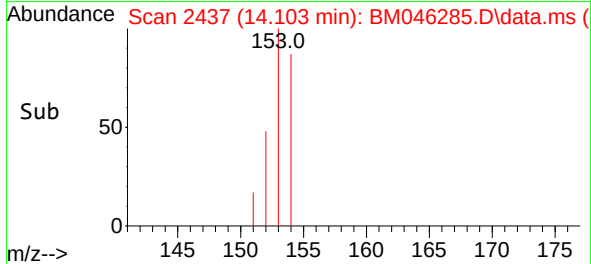
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 323
Ion Ratio Lower Upper
153 100
152 51.5 41.3 61.9
154 86.8 68.2 102.4

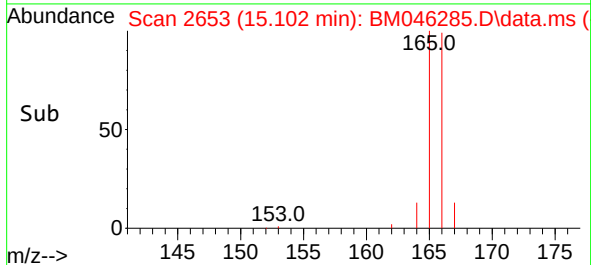
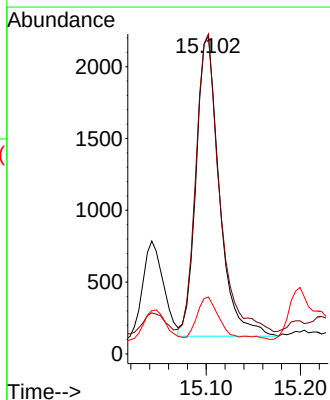
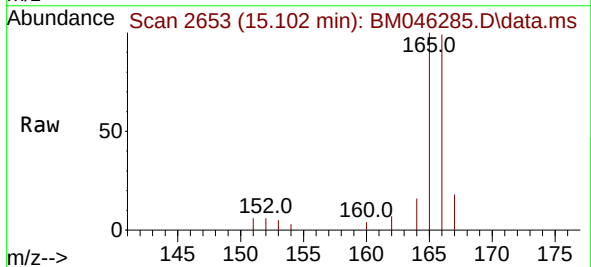
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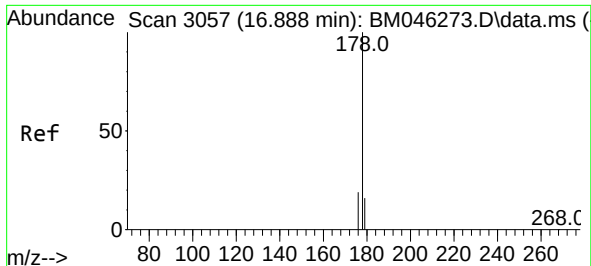
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.230 ng/u1
RT: 15.102 min Scan# 2653
Delta R.T. -0.066 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

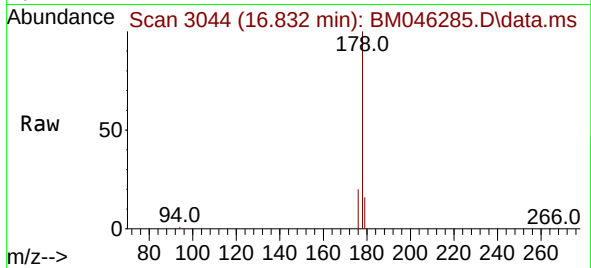
Tgt Ion:166 Resp: 3576
Ion Ratio Lower Upper
166 100
165 100.6 80.4 120.6
167 17.9 12.4 18.6





#15
Phenanthrene
Concen: 2.744 ng/ul m
RT: 16.832 min Scan# 3044
Delta R.T. -0.056 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

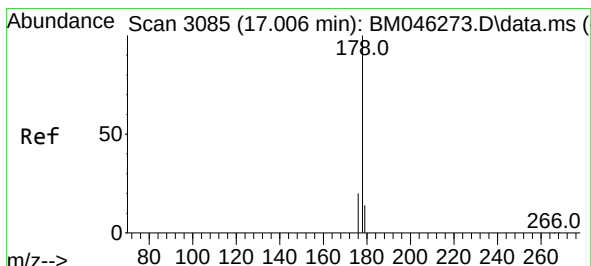
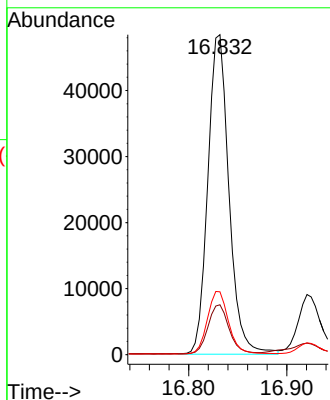
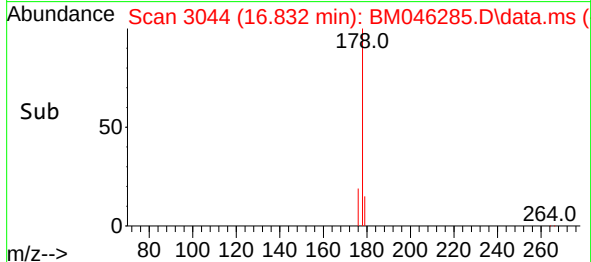
Instrument :
BNA_M
ClientSampleId :
A4C49



Tgt Ion:178 Resp: 7244
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.6 17.1 25.7

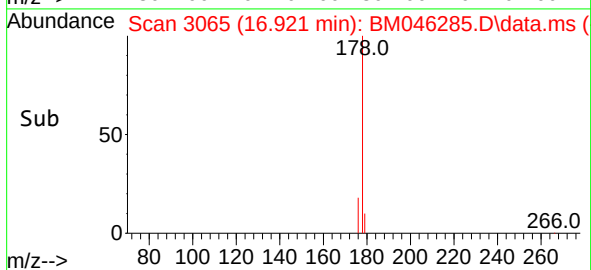
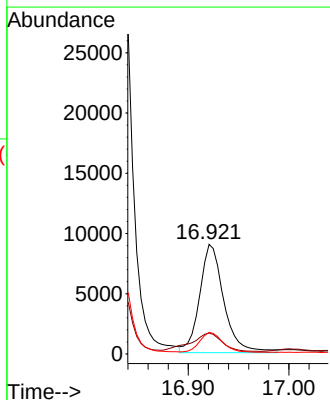
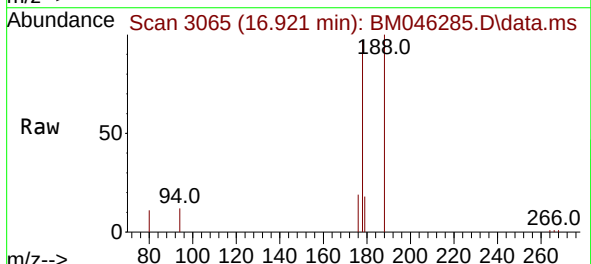
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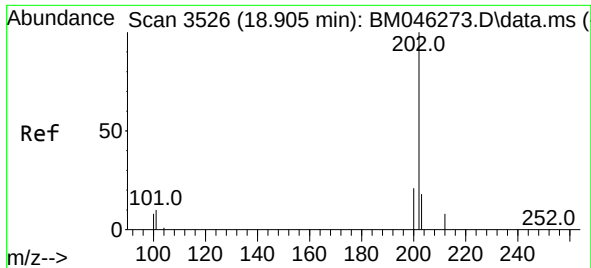
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 0.765 ng/ul m
RT: 16.921 min Scan# 3065
Delta R.T. -0.086 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

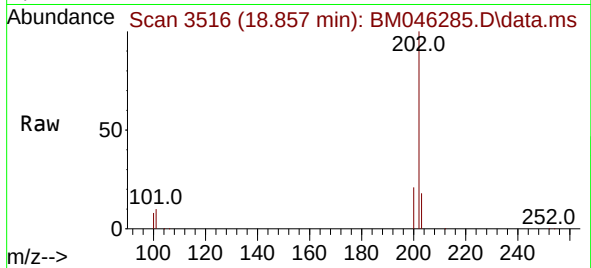
Tgt Ion:178 Resp: 15042
Ion Ratio Lower Upper
178 100
179 19.1 14.9 22.3
176 19.7 17.0 25.4





#19
Fluoranthene
Concen: 4.225 ng/u1
RT: 18.857 min Scan# 3516
Delta R.T. -0.048 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

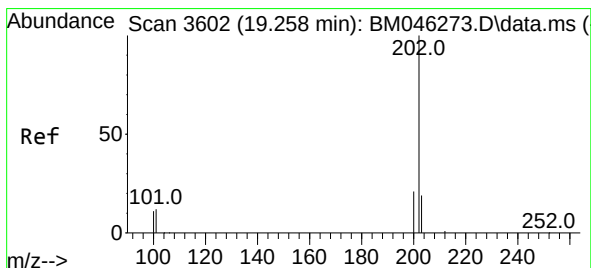
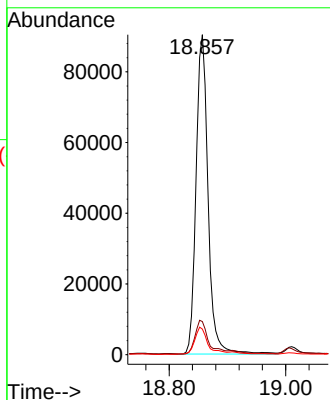
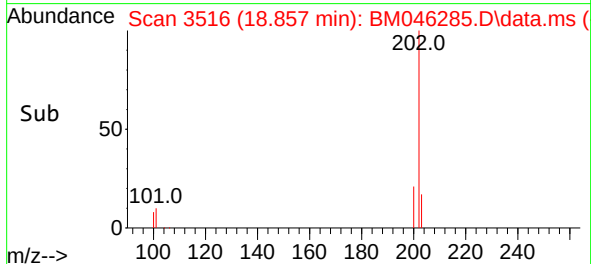
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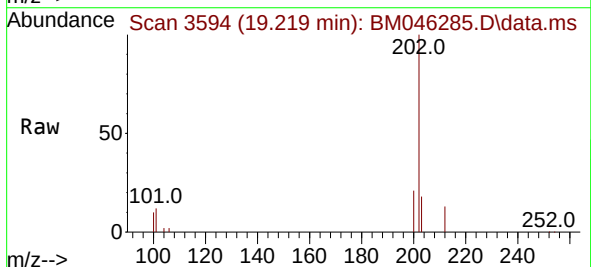
Tgt Ion:202 Resp: 12913
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.0 7.6 11.4

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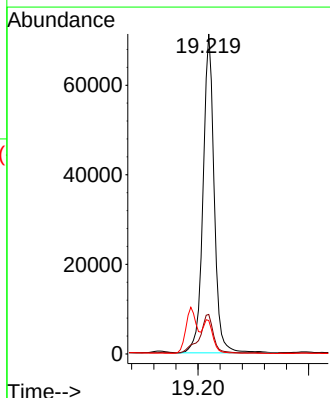
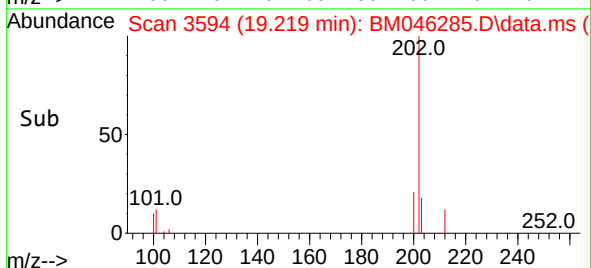
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Supervised By :mohammad ahmed 06/27/2024

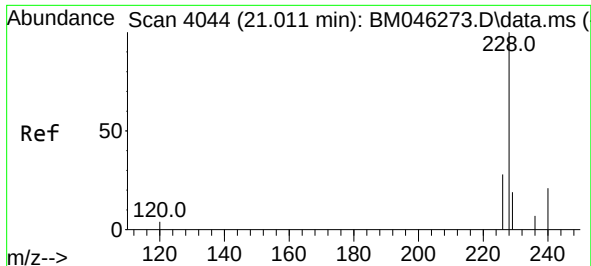


#20
Pyrene
Concen: 3.011 ng/u1
RT: 19.219 min Scan# 3594
Delta R.T. -0.038 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05



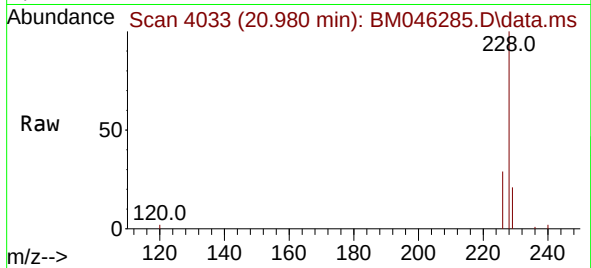
Tgt Ion:202 Resp: 99510
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.046 ng/ul
RT: 20.980 min Scan# 4044
Delta R.T. -0.032 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

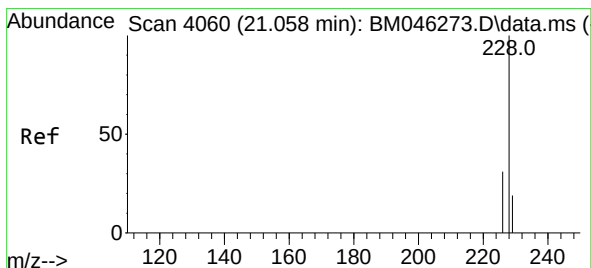
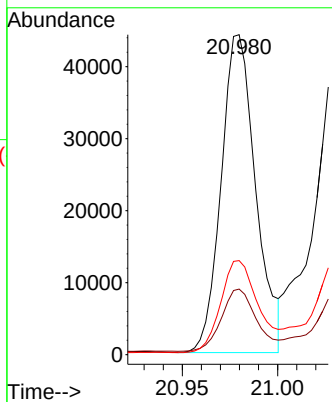
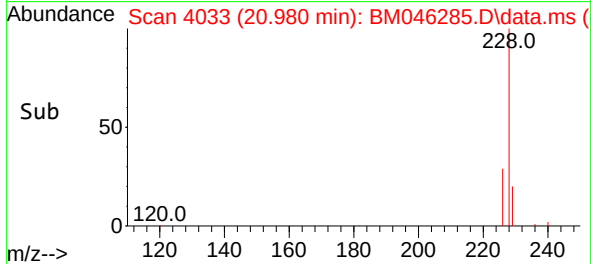
Instrument :
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Tgt Ion:228 Resp: 5578
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 29.4 23.4 35.2

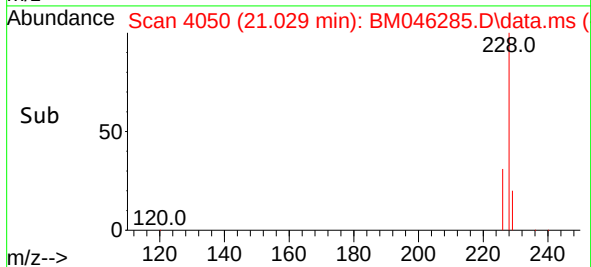
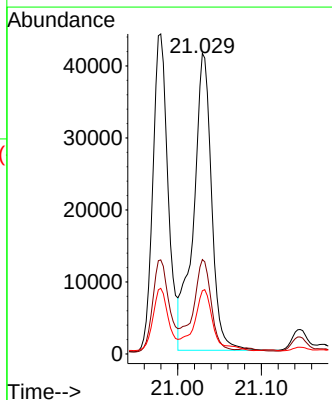
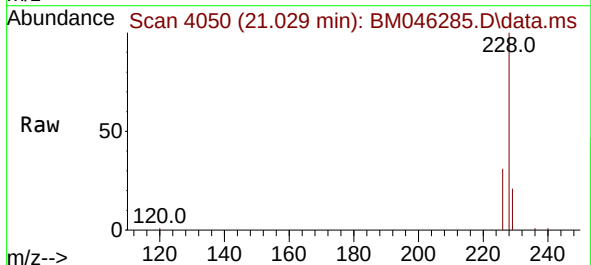
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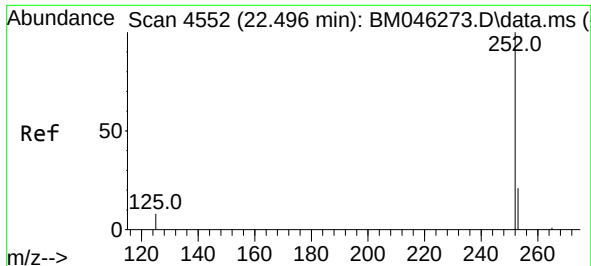
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 1.777 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.029 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

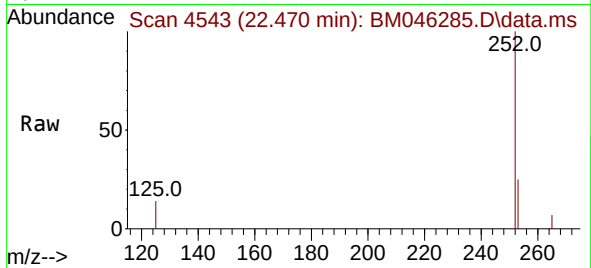
Tgt Ion:228 Resp: 61817
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.0 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.016 ng/ul m
RT: 22.470 min Scan# 4543
Delta R.T. -0.026 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05

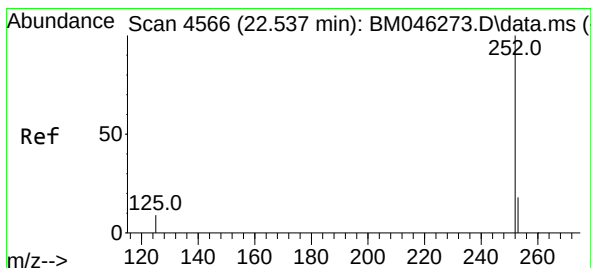
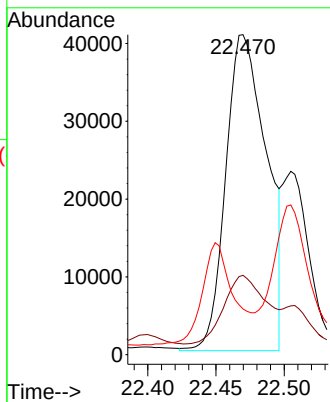
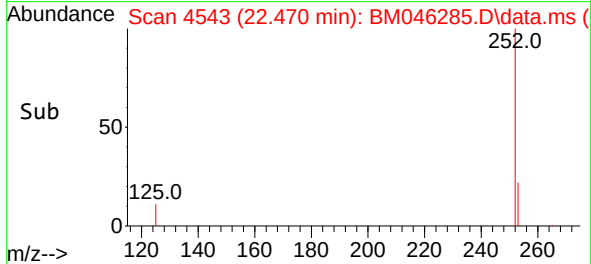
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ClientSampleId :
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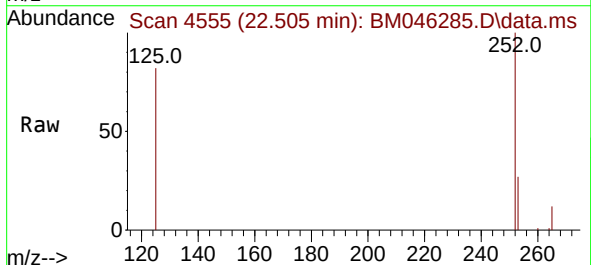
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Ion Ratio Lower Upper
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253 24.8 0.0 65.8
125 14.3 0.0 40.2

Manual Integrations
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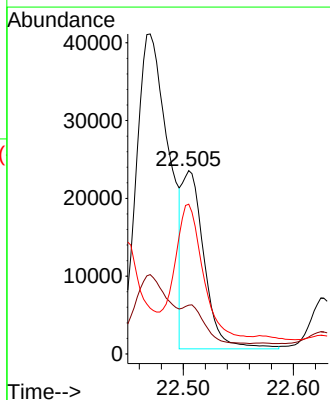
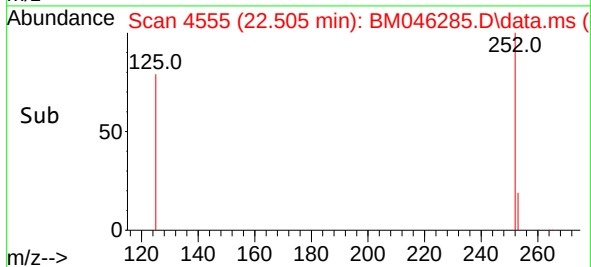
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

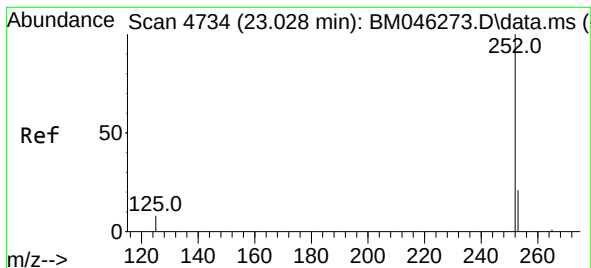


#25
Benzo(k)fluoranthene
Concen: 0.967 ng/ul m
RT: 22.505 min Scan# 4555
Delta R.T. -0.032 min
Lab File: BM046285.D
Acq: 25 Jun 2024 11:05



Tgt Ion:252 Resp: 32256
Ion Ratio Lower Upper
252 100
253 26.7 27.2 40.8#
125 81.6 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.306 ng/ul

RT: 22.993 min Scan# 41

Delta R.T. -0.035 min

Lab File: BM046285.D

Acq: 25 Jun 2024 11:05

Instrument :

BNA_M

ClientSampleId :

A4C49

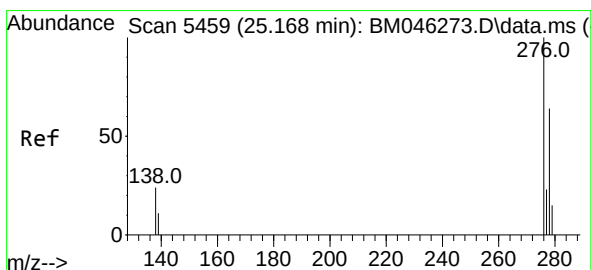
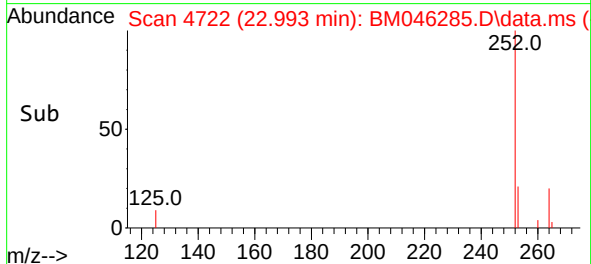
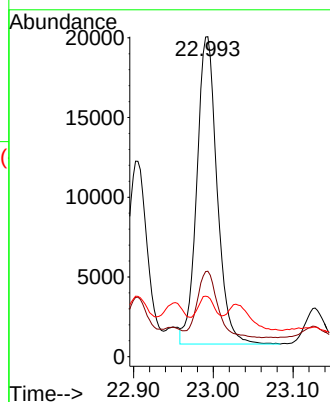
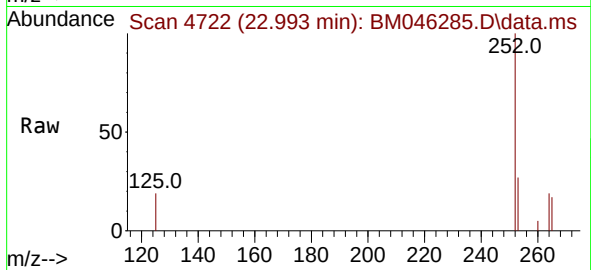
Tgt Ion:	252	Resp:	3394
Ion Ratio	Lower	Upper	
252	100		
253	26.7	32.1	48.1
125	18.7	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.853 ng/ul

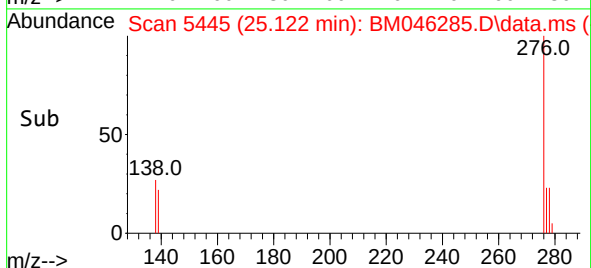
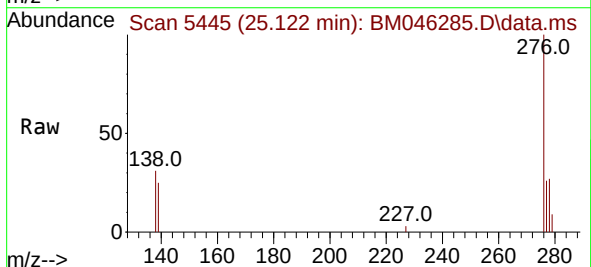
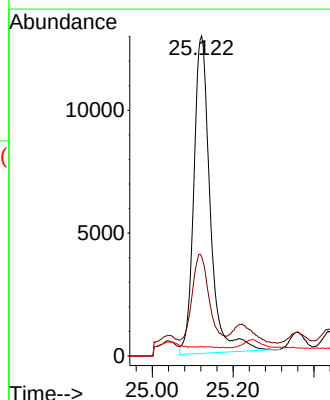
RT: 25.122 min Scan# 5445

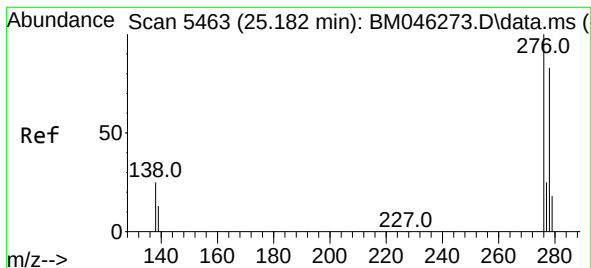
Delta R.T. -0.046 min

Lab File: BM046285.D

Acq: 25 Jun 2024 11:05

Tgt Ion:	276	Resp:	36289
Ion Ratio	Lower	Upper	
276	100		
138	43.2	21.0	31.4
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.316 ng/ul

RT: 25.122 min Scan# 54

Delta R.T. -0.060 min

Lab File: BM046285.D

Acq: 25 Jun 2024 11:05

Instrument :

BNA_M

ClientSampleId :

A4C49

Tgt Ion:278 Resp: 999

Ion Ratio Lower Upper

278 100

139 94.5 17.6 26.4

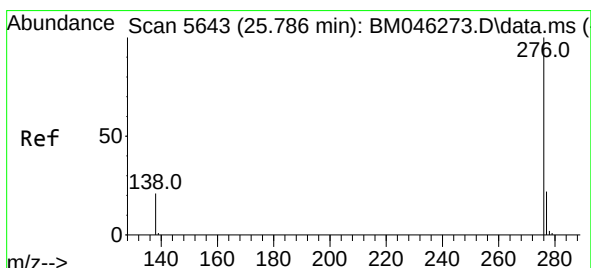
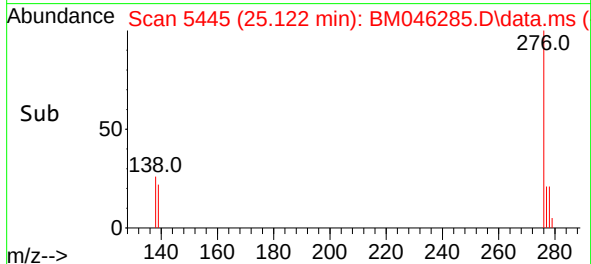
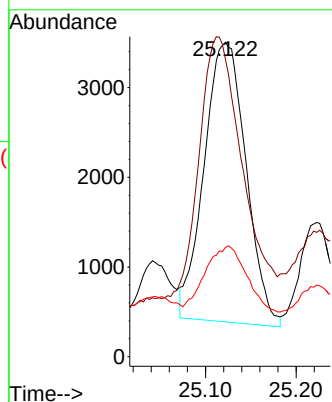
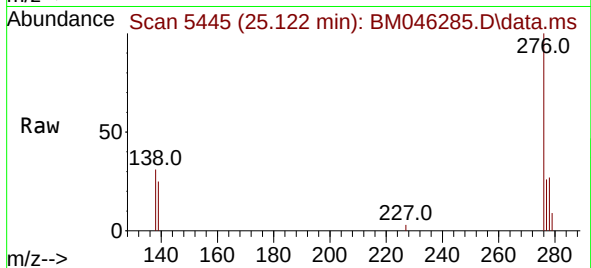
279 34.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2024

Supervised By :mohammad ahmed 06/27/2024



#29

Benzo(g,h,i)perylene

Concen: 0.168 ng/ul

RT: 25.749 min Scan# 5632

Delta R.T. -0.036 min

Lab File: BM046285.D

Acq: 25 Jun 2024 11:05

Tgt Ion:276 Resp: 6144

Ion Ratio Lower Upper

276 100

138 43.6 21.7 32.5

277 36.5 20.4 30.6

