

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046220.D
 Acq On : 23 Jun 2024 05:20
 Operator : MA/JU
 Sample : P2776-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B95

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 23 05:53:59 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 : Sun Jun 23 01:31:42 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	2281	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.187	136	6918	0.400	ng/ul	#-0.07
9) Acenaphthene-d10	14.061	164	3881	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.802	188	8200m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.009	240	6466m	0.400	ng/ul	-0.04
23) Perylene-d12	23.095	264	6957m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	10101	3.228	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.821	152	2075	0.223	ng/ul	-0.04
18) Fluoranthene-d10	18.838	212	4762	0.246	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.237	128	960	0.050	ng/ul#	78
7) 2-Methylnaphthalene	11.898	142	261	0.024	ng/ul	90
10) Acenaphthylene	13.774	152	2385	0.130	ng/ul#	92
11) Acenaphthene	14.121	153	788	0.059	ng/ul	94
12) Fluorene	15.116	166	952	0.067	ng/ul#	97
15) Phenanthrene	16.844	178	22885m	0.993	ng/ul	
16) Anthracene	16.933	178	4704m	0.274	ng/ul	
19) Fluoranthene	18.871	202	63625	2.273	ng/ul	95
20) Pyrene	19.229	202	37533	1.240	ng/ul	99
21) Benzo(a)anthracene	20.991	228	27997	1.121	ng/ul	98
22) Chrysene	21.041	228	30239	0.949	ng/ul	99
24) Benzo(b)fluoranthene	22.481	252	48889m	1.951	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	18840m	0.632	ng/ul	
26) Benzo(a)pyrene	23.002	252	12515m	0.539	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.142	276	14253	0.375	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.145	278	5587	0.197	ng/ul#	83
29) Benzo(g,h,i)perylene	25.769	276	2710	0.083	ng/ul#	73

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

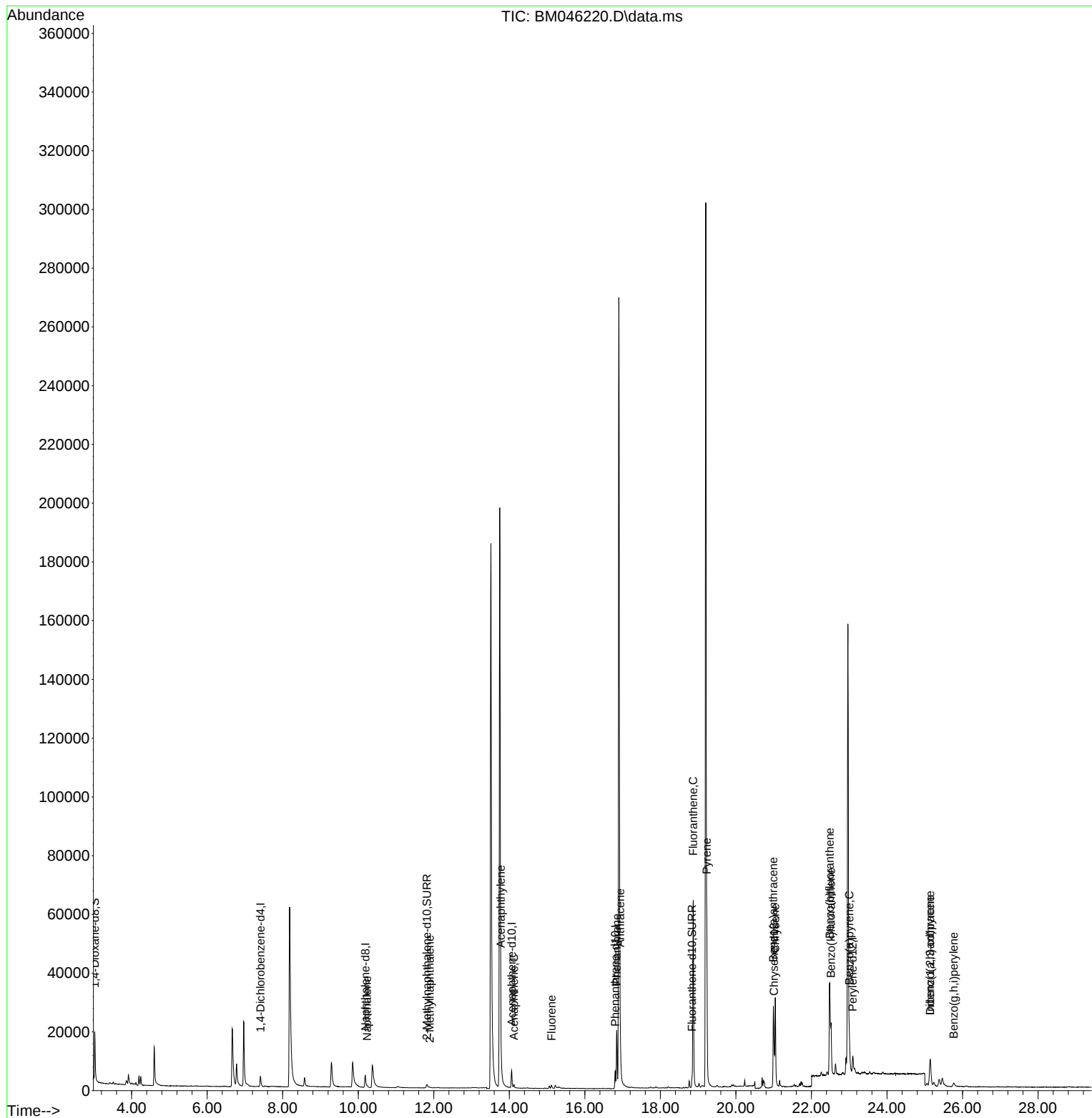
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046220.D
Acq On : 23 Jun 2024 05:20
Operator : MA/JU
Sample : P2776-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

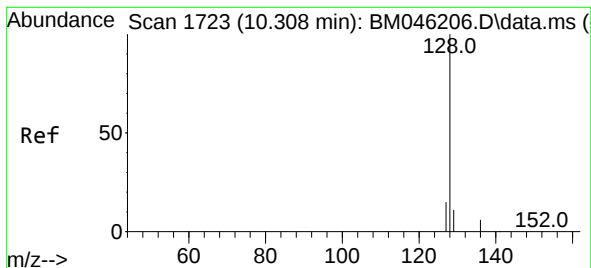
Instrument :
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ClientSampleId :
A4B95

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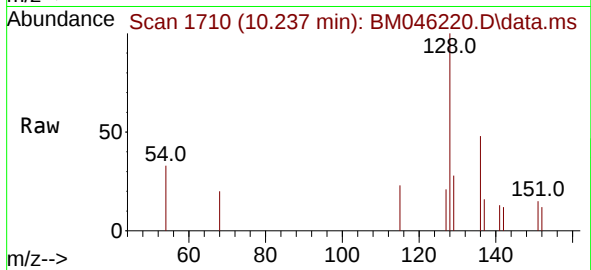
Quant Time: Jun 23 05:53:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 23 01:31:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.237 min Scan# 1710
Delta R.T. -0.066 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

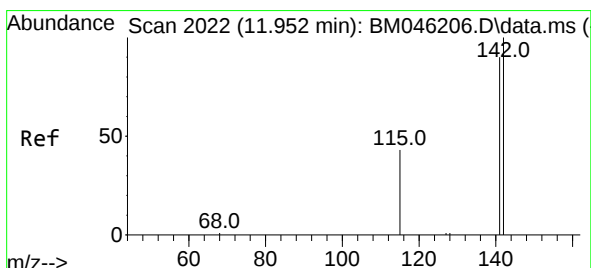
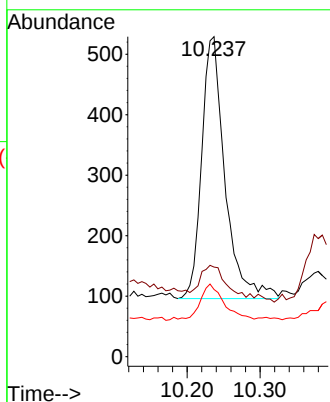
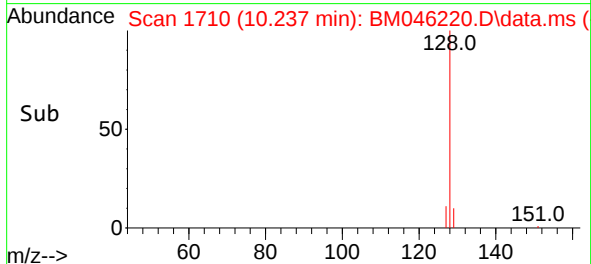
Instrument :
BNA_M
ClientSampleId :
A4B95



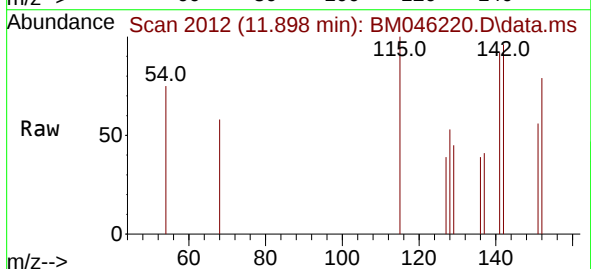
Tgt Ion:128 Resp: 960
Ion Ratio Lower Upper
128 100
129 28.0 11.8 17.6
127 21.0 12.8 19.2

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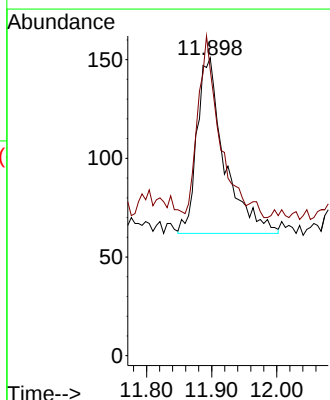
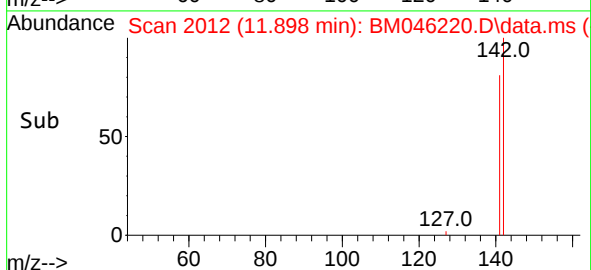
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

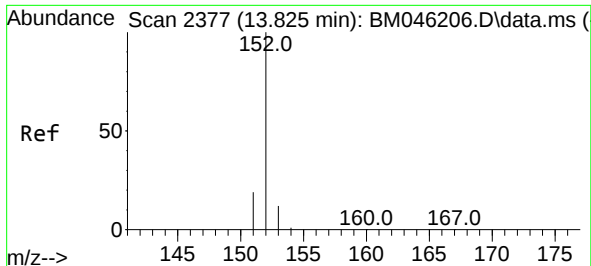


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.049 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20



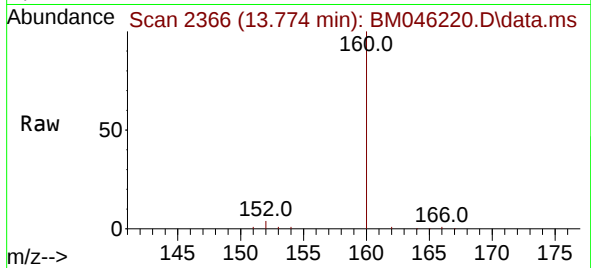
Tgt Ion:142 Resp: 261
Ion Ratio Lower Upper
142 100
141 83.1 74.6 111.8





#10
Acenaphthylene
Concen: 0.130 ng/ul
RT: 13.774 min Scan# 21
Delta R.T. -0.060 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

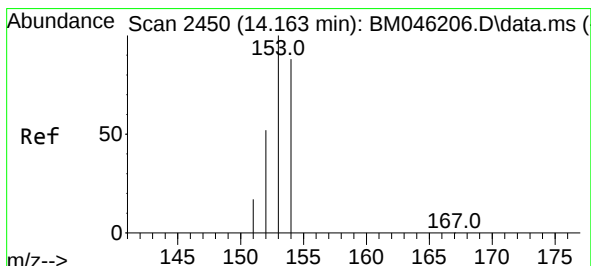
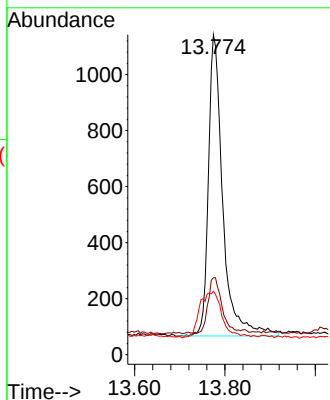
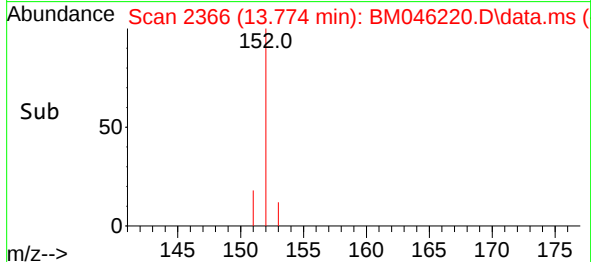
Instrument :
BNA_M
ClientSampleId :
A4B95



Tgt Ion:152 Resp: 238
Ion Ratio Lower Upper
152 100
151 24.1 17.4 26.2
153 19.9 11.8 17.8

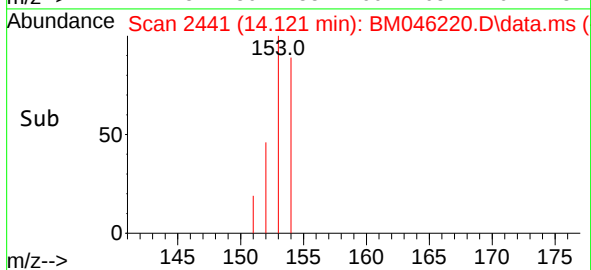
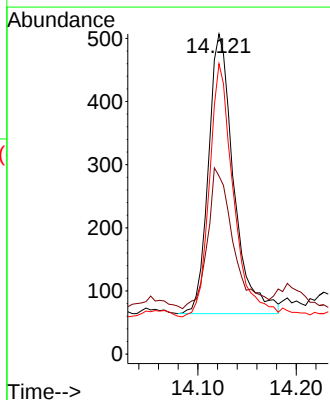
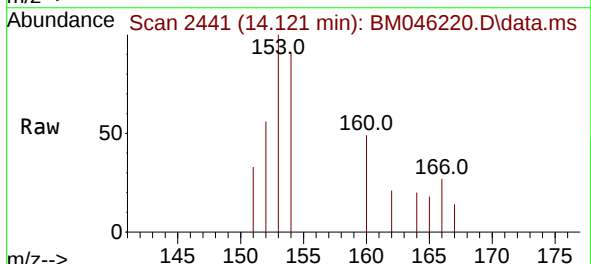
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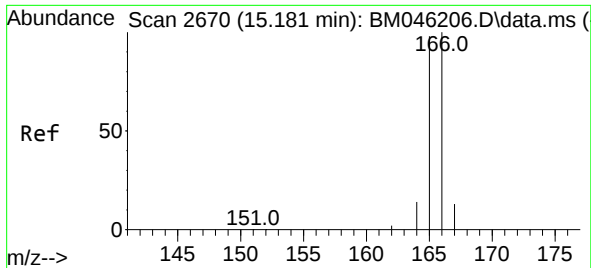
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.121 min Scan# 2441
Delta R.T. -0.051 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

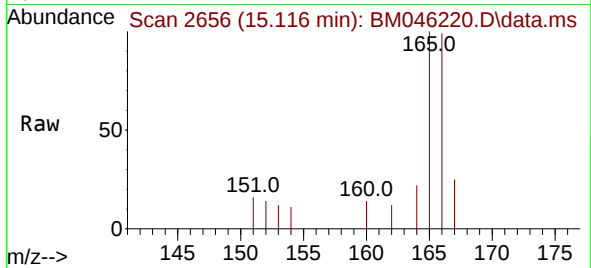
Tgt Ion:153 Resp: 788
Ion Ratio Lower Upper
153 100
152 55.6 41.3 61.9
154 90.7 68.2 102.4





#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.116 min Scan# 20
Delta R.T. -0.065 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

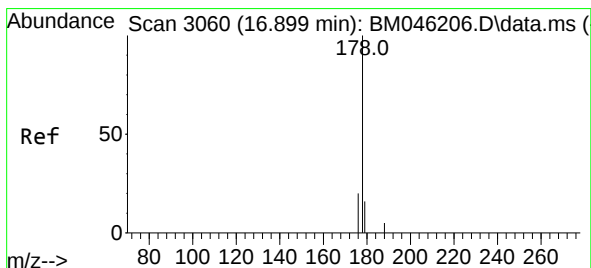
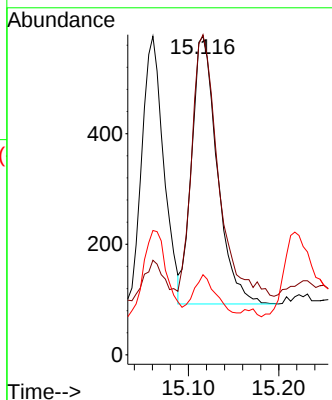
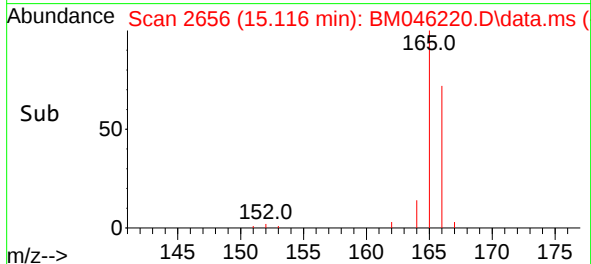
Instrument :
BNA_M
ClientSampleId :
A4B95



Tgt Ion:166 Resp: 952
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 25.2 12.4 18.6

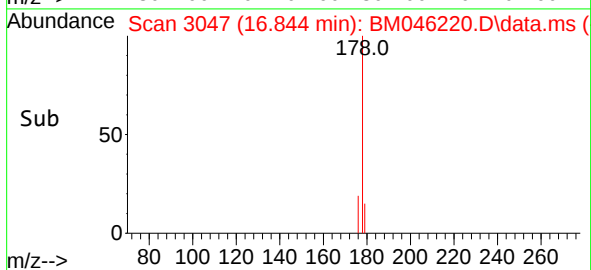
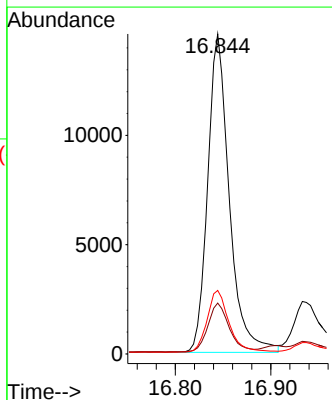
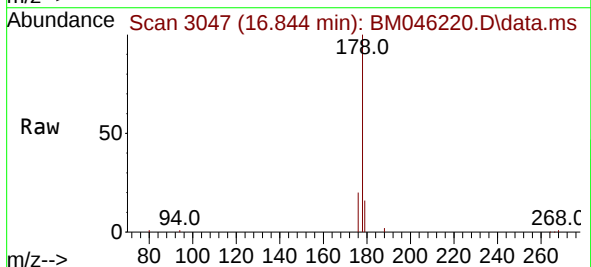
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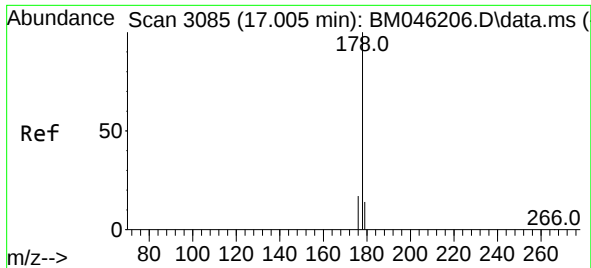
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#15
Phenanthrene
Concen: 0.993 ng/ul m
RT: 16.844 min Scan# 3047
Delta R.T. -0.059 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

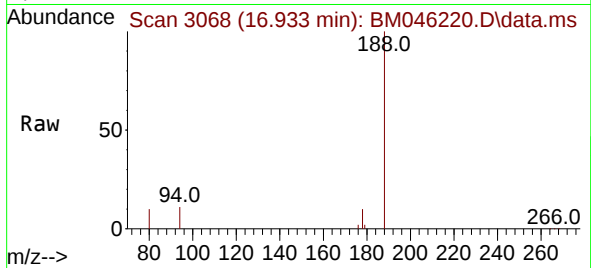
Tgt Ion:178 Resp: 22885
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 19.8 17.1 25.7





#16
 Anthracene
 Concen: 0.274 ng/ul m
 RT: 16.933 min Scan# 3085
 Delta R.T. -0.072 min
 Lab File: BM046220.D
 Acq: 23 Jun 2024 05:20

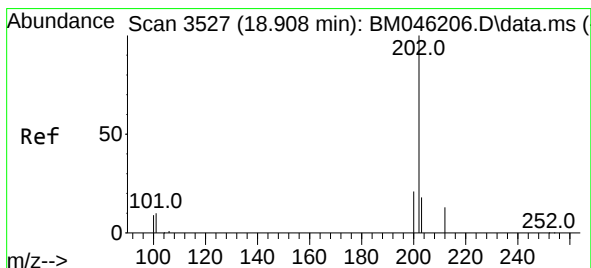
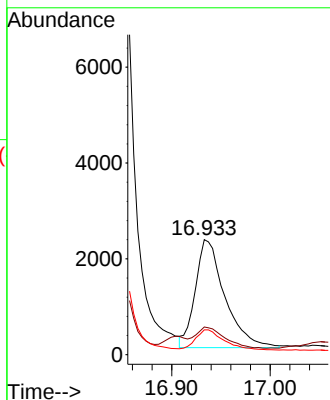
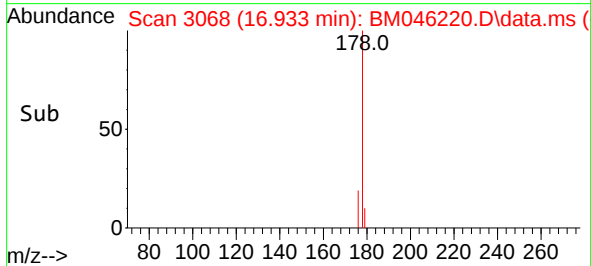
Instrument :
 BNA_M
 ClientSampleId :
 A4B95



Tgt Ion:178 Resp: 4704
 Ion Ratio Lower Upper
 178 100
 179 24.1 14.9 22.3
 176 21.6 17.0 25.4

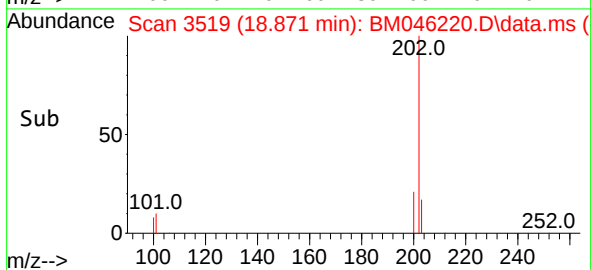
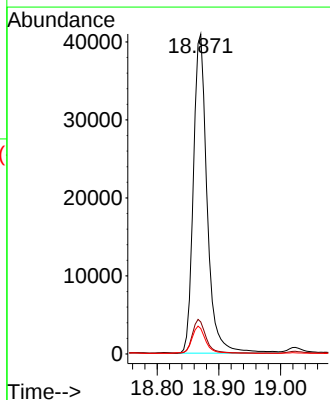
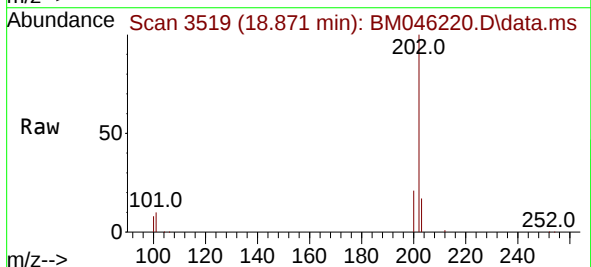
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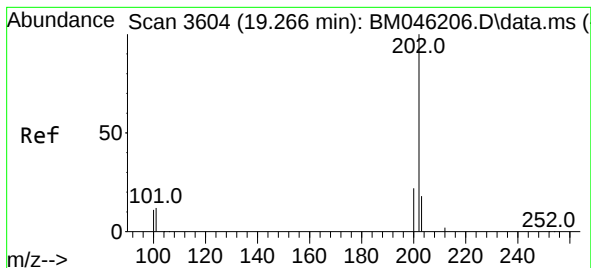
Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024



#19
 Fluoranthene
 Concen: 2.273 ng/ul
 RT: 18.871 min Scan# 3519
 Delta R.T. -0.046 min
 Lab File: BM046220.D
 Acq: 23 Jun 2024 05:20

Tgt Ion:202 Resp: 63625
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.6 14.4
 100 8.0 7.6 11.4





#20

Pyrene

Concen: 1.240 ng/ul

RT: 19.229 min Scan# 3

Delta R.T. -0.046 min

Lab File: BM046220.D

Acq: 23 Jun 2024 05:20

Instrument :

BNA_M

ClientSampleId :

A4B95

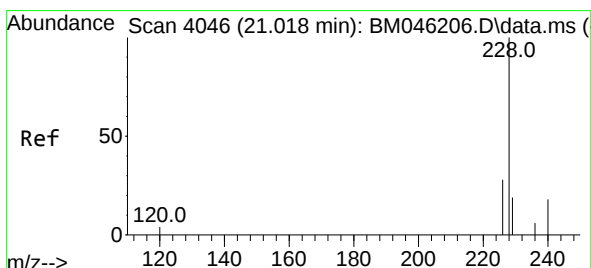
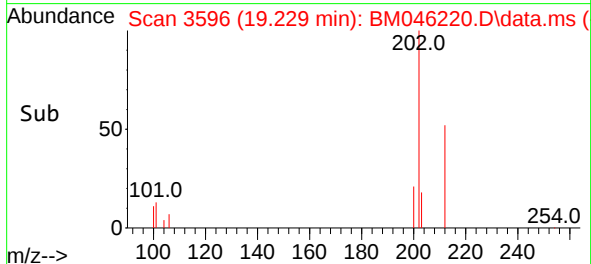
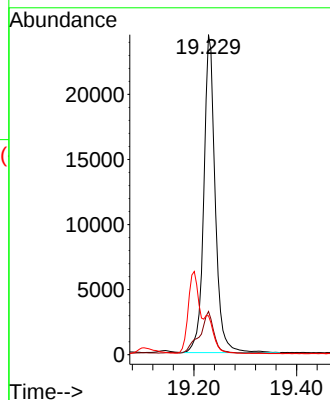
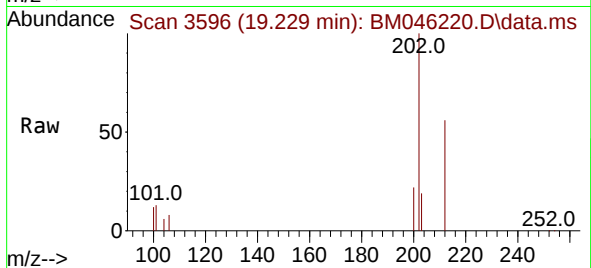
Tgt Ion:	202	Resp:	3753
Ion Ratio	Lower	Upper	
202	100		
101	13.5	11.3	16.9
100	12.1	9.8	14.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 06/24/2024



#21

Benzo(a)anthracene

Concen: 1.121 ng/ul

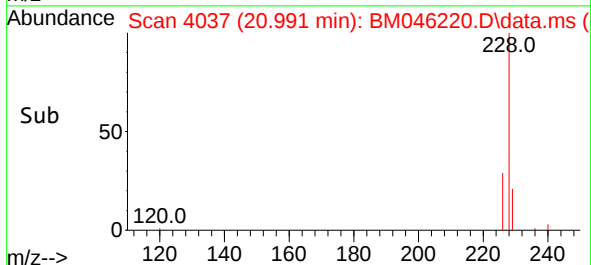
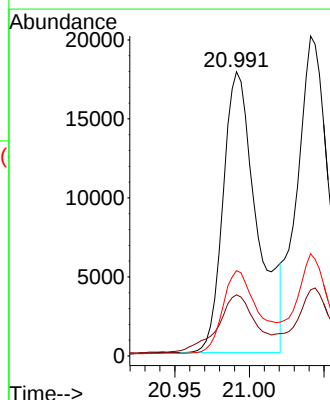
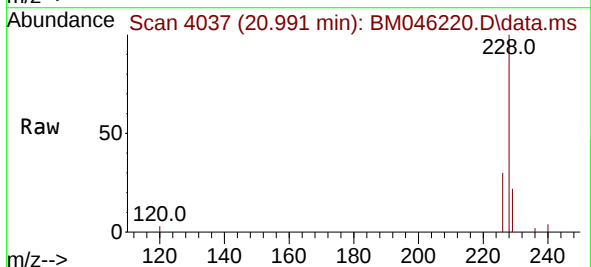
RT: 20.991 min Scan# 4037

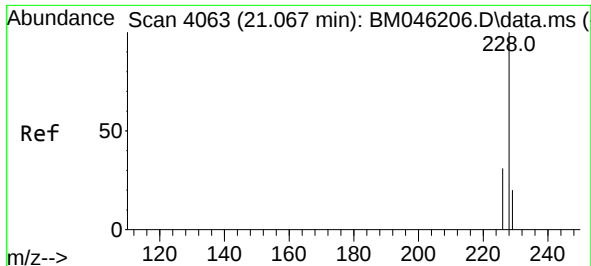
Delta R.T. -0.038 min

Lab File: BM046220.D

Acq: 23 Jun 2024 05:20

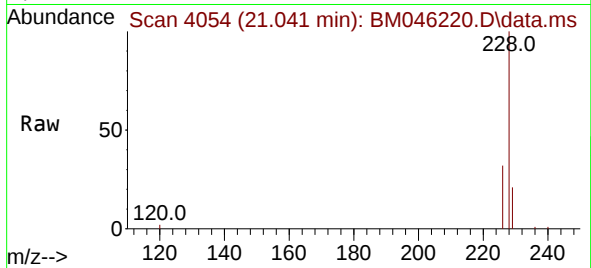
Tgt Ion:	228	Resp:	27997
Ion Ratio	Lower	Upper	
228	100		
229	21.5	16.4	24.6
226	30.0	23.4	35.2





#22
Chrysene
Concen: 0.949 ng/ul
RT: 21.041 min Scan# 4063
Delta R.T. -0.035 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

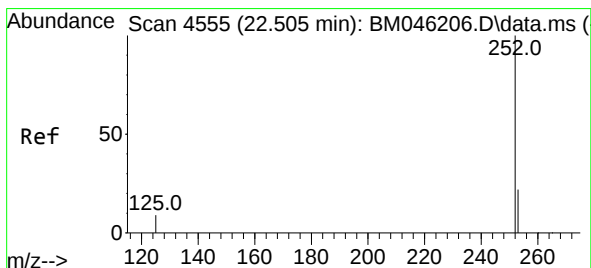
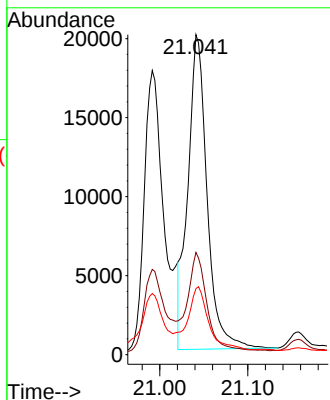
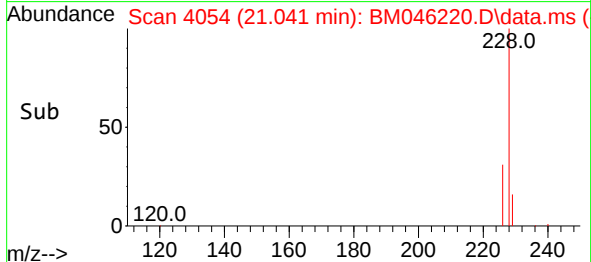
Instrument :
BNA_M
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A4B95



Tgt Ion:228 Resp: 30239
Ion Ratio Lower Upper
228 100
226 32.0 25.2 37.8
229 20.7 16.3 24.5

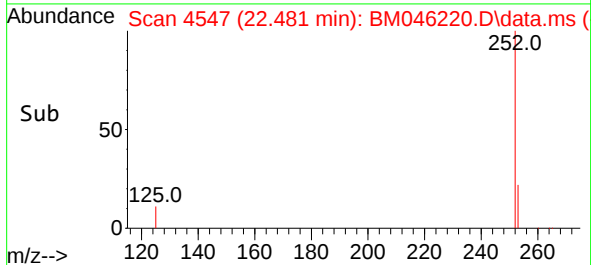
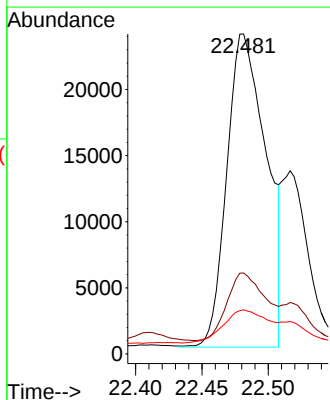
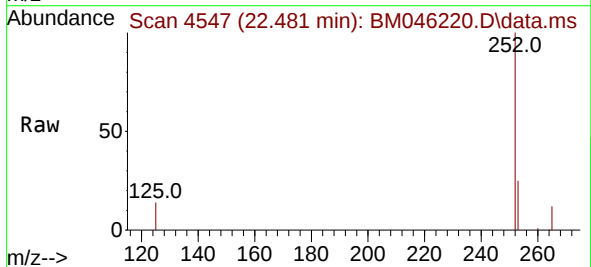
Manual Integrations
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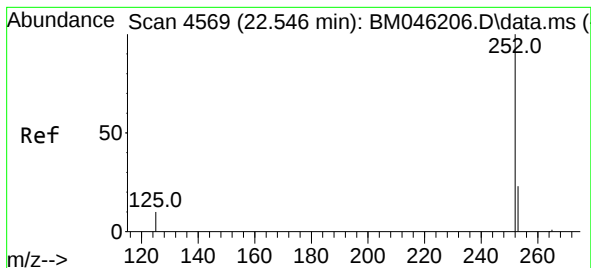
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 1.951 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

Tgt Ion:252 Resp: 48889
Ion Ratio Lower Upper
252 100
253 25.3 0.0 65.8
125 13.8 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.632 ng/ul m

RT: 22.516 min Scan# 4559

Delta R.T. -0.047 min

Lab File: BM046220.D

Acq: 23 Jun 2024 05:20

Instrument :

BNM

ClientSampleId :

A4B95

Tgt Ion:252 Resp: 18840

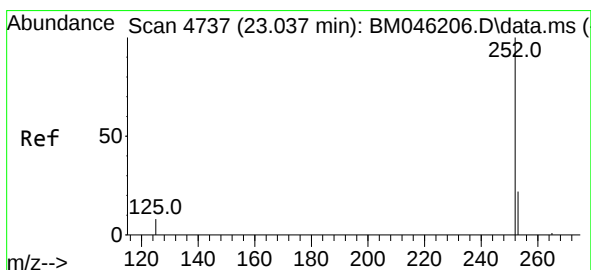
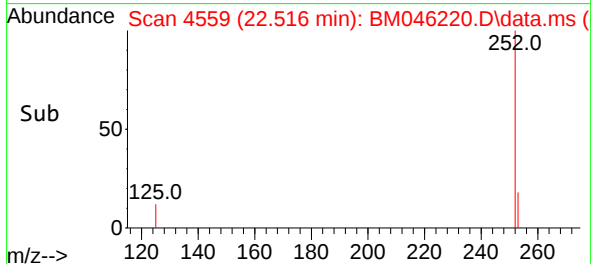
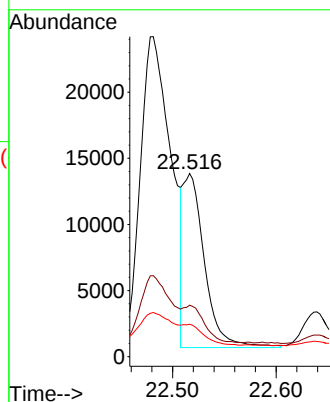
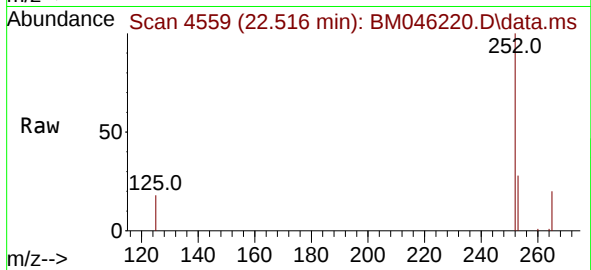
Ion	Ratio	Lower	Upper
252	100		
253	28.1	27.2	40.8
125	17.7	16.6	25.0

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2024

Supervised By :Jagrut Upadhyay 06/24/2024



#26

Benzo(a)pyrene

Concen: 0.539 ng/ul m

RT: 23.002 min Scan# 4725

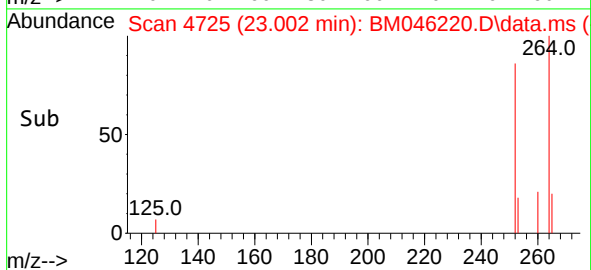
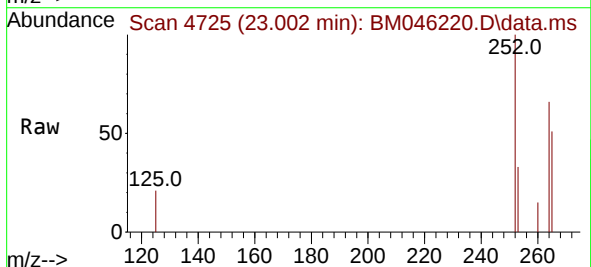
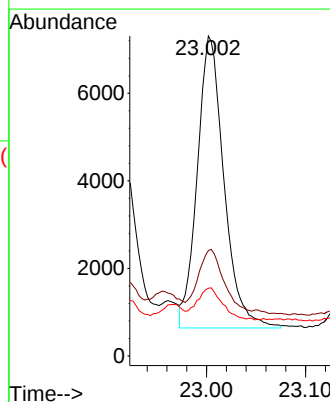
Delta R.T. -0.053 min

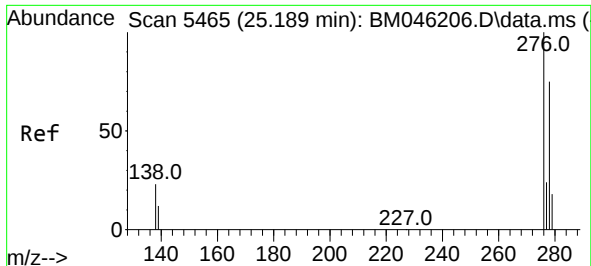
Lab File: BM046220.D

Acq: 23 Jun 2024 05:20

Tgt Ion:252 Resp: 12515

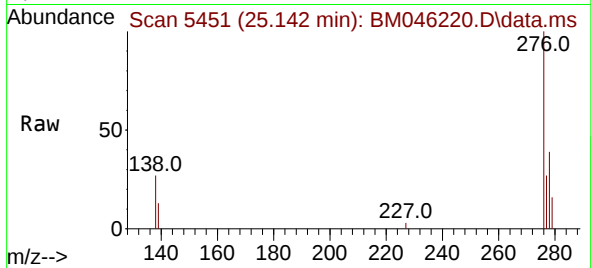
Ion	Ratio	Lower	Upper
252	100		
253	32.9	32.1	48.1
125	21.1	21.2	31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 25.142 min Scan# 5451
Delta R.T. -0.060 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20

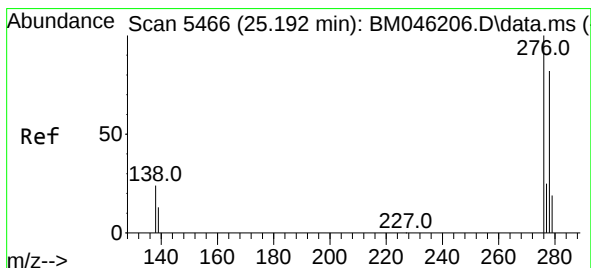
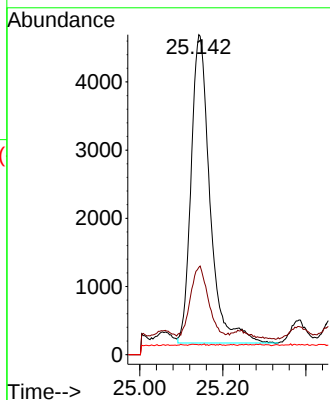
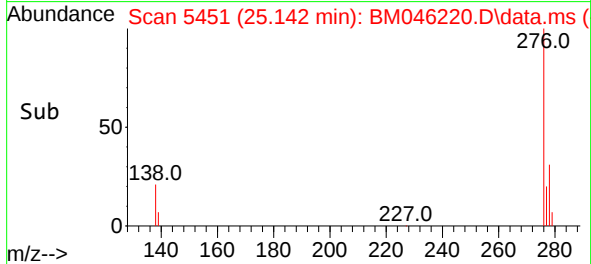
Instrument :
BNA_M
ClientSampleId :
A4B95



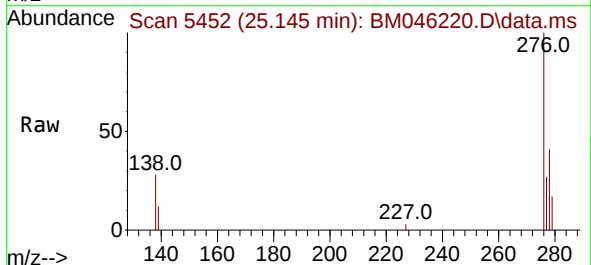
Tgt Ion:276 Resp: 1425
Ion Ratio Lower Upper
276 100
138 25.4 21.0 31.4
227 0.0 0.0 0.0

Manual Integrations
APPROVED

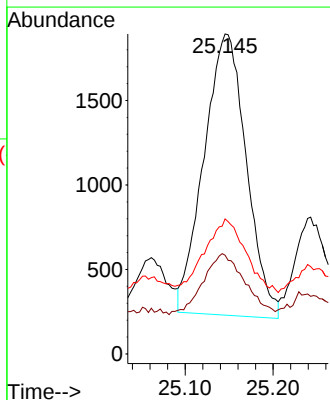
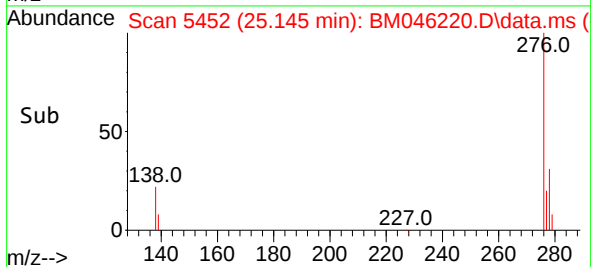
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

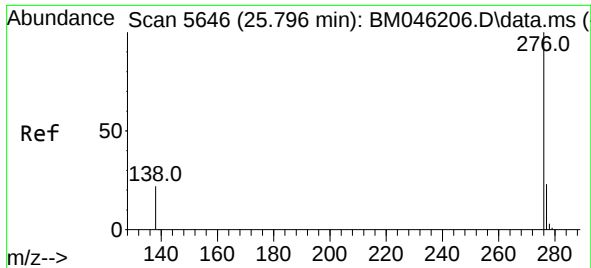


#28
Dibenzo(a,h)anthracene
Concen: 0.197 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.070 min
Lab File: BM046220.D
Acq: 23 Jun 2024 05:20



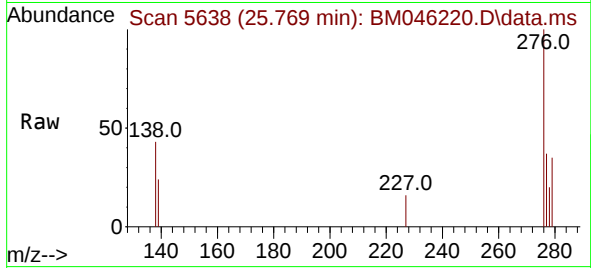
Tgt Ion:278 Resp: 5587
Ion Ratio Lower Upper
278 100
139 30.8 17.6 26.4#
279 42.2 26.3 39.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.083 ng/ul
 RT: 25.769 min Scan# 50
 Delta R.T. -0.060 min
 Lab File: BM046220.D
 Acq: 23 Jun 2024 05:20

Instrument :
 BNA_M
 ClientSampleId :
 A4B95



Tgt Ion: 276 Resp: 2710

Ion	Ratio	Lower	Upper
276	100		
138	43.0	21.7	32.5
277	37.4	20.4	30.6

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 06/24/2024
 Supervised By : Jagrut Upadhyay 06/24/2024

