

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
 Data File : BM046937.D
 Acq On : 31 Jul 2024 11:06
 Operator : MA/JU
 Sample : P3336-15DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E43DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Jul 31 12:27:27 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 30 04:18:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.447	152	2420	0.400	ng/ul	0.00
4) Naphthalene-d8	10.200	136	3939	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.090	164	2570	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	5930	0.400	ng/ul	0.00
17) Chrysene-d12	21.067	240	5786	0.400	ng/ul	# 0.00
23) Perylene-d12	23.189	264	7466	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	450	0.266	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	149	0.024	ng/ul	-0.01
18) Fluoranthene-d10	18.895	212	400	0.021	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	774	0.078	ng/ul#	81
7) 2-Methylnaphthalene	11.877	142	377	0.055	ng/ul	100
8) 1-Methylnaphthalene	12.102	142	289	0.041	ng/ul	92
10) Acenaphthylene	13.808	152	2101	0.179	ng/ul#	94
12) Fluorene	15.154	166	238	0.024	ng/ul#	89
15) Phenanthrene	16.892	178	5121	0.300	ng/ul	99
16) Anthracene	16.981	178	6896	0.435	ng/ul	99
19) Fluoranthene	18.923	202	25293	0.995	ng/ul#	96
20) Pyrene	19.286	202	16820	0.640	ng/ul#	96
21) Benzo(a)anthracene	21.049	228	21607	0.896	ng/ul	98
22) Chrysene	21.102	228	35583	1.453	ng/ul	99
24) Benzo(b)fluoranthene	22.563	252	58574m	1.787	ng/ul	
25) Benzo(k)fluoranthene	22.601	252	21138m	0.640	ng/ul	
26) Benzo(a)pyrene	23.098	252	8929	0.379	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.282	276	11657	0.322	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.286	278	5122	0.193	ng/ul#	87
29) Benzo(g,h,i)perylene	25.920	276	1492	0.047	ng/ul#	66

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

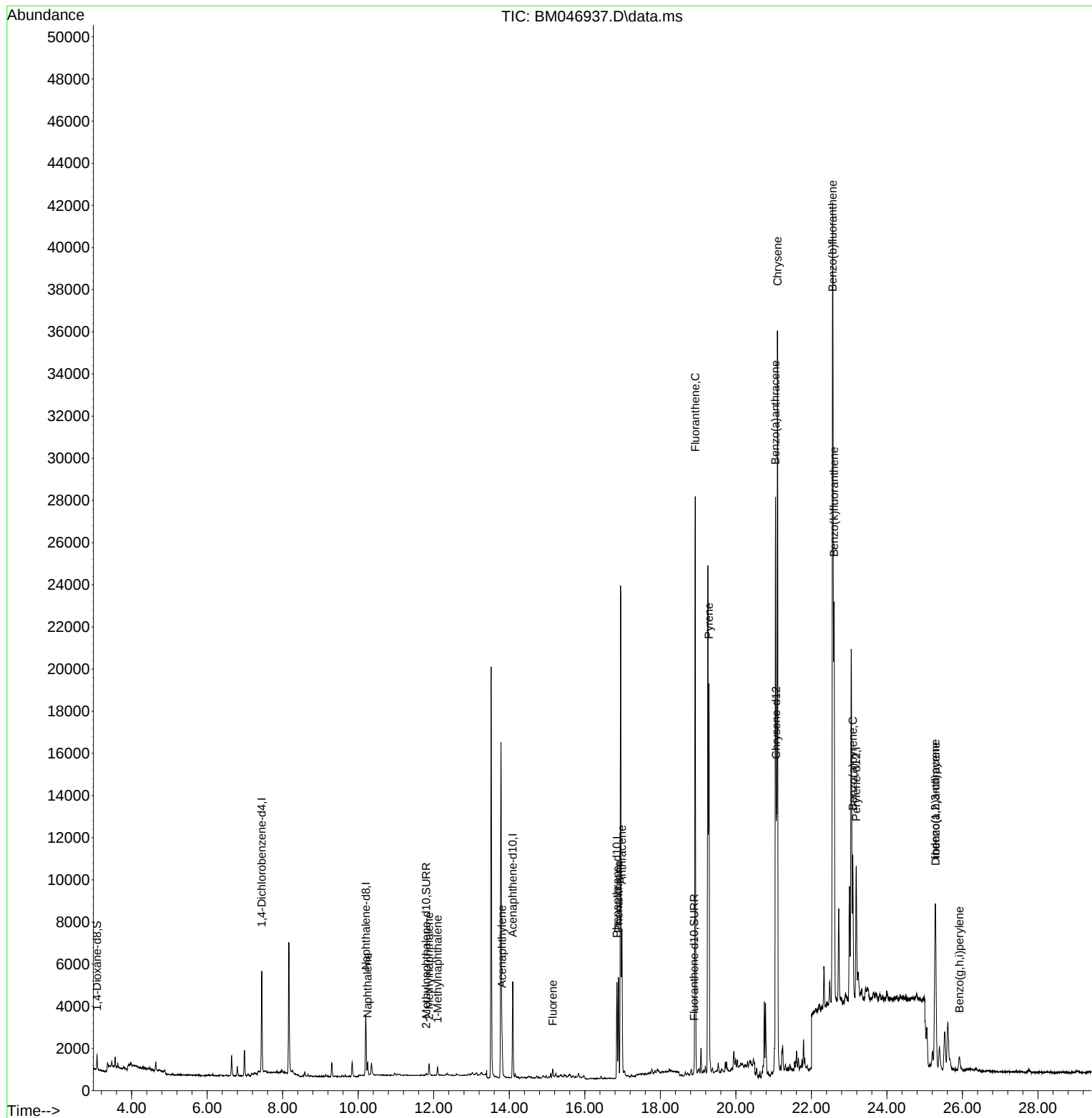
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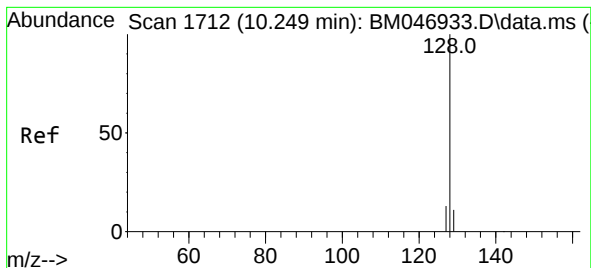
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
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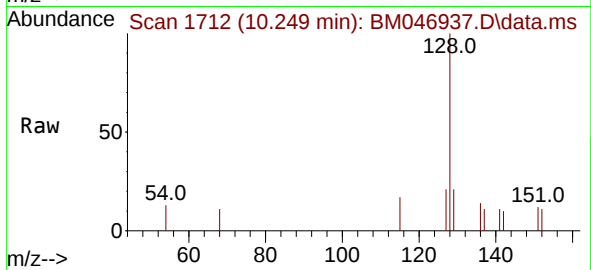
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024





#5
Naphthalene
Concen: 0.078 ng/ul
RT: 10.249 min Scan# 1712
Delta R.T. -0.011 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

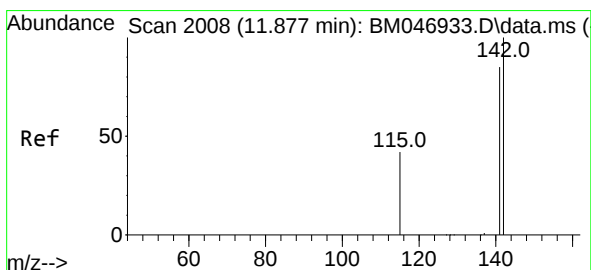
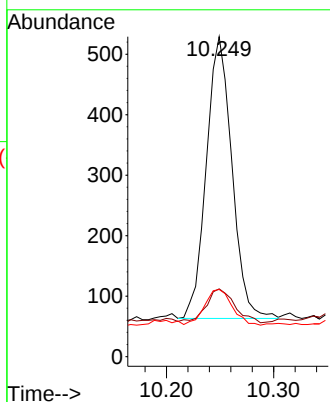
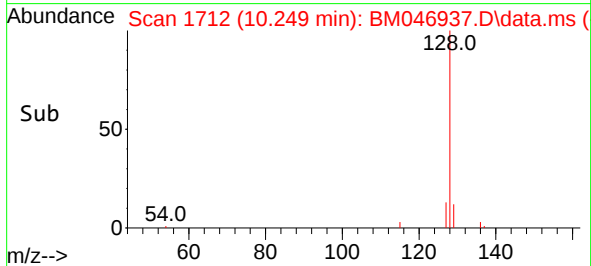
Instrument :
BNA_M
ClientSampleId :
F7E43DL



Tgt Ion:128 Resp: 774
Ion Ratio Lower Upper
128 100
129 21.2 10.1 15.1
127 21.0 11.5 17.3

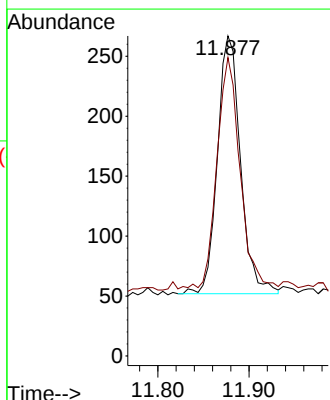
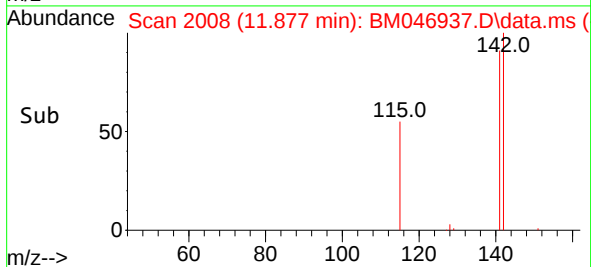
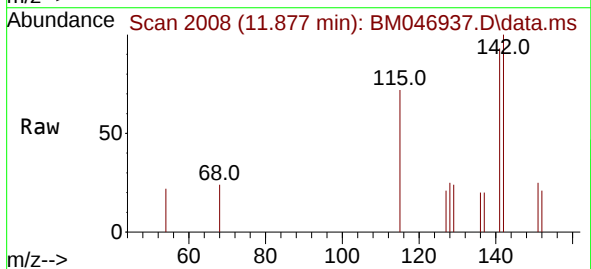
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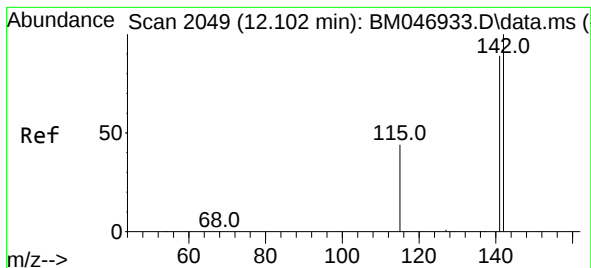
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 11.877 min Scan# 2008
Delta R.T. -0.011 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

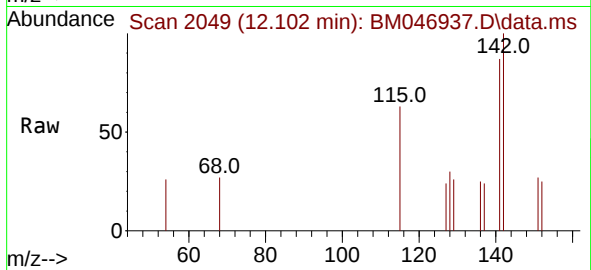
Tgt Ion:142 Resp: 377
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.102 min Scan# 2049
Delta R.T. -0.005 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

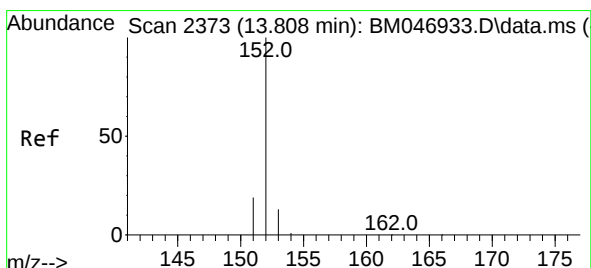
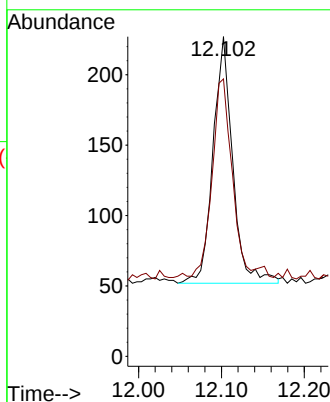
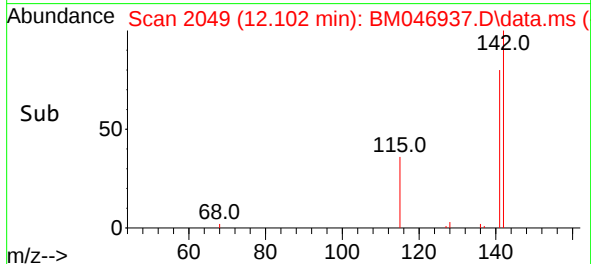
Instrument :
BNA_M
ClientSampleId :
F7E43DL



Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
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141 84.1 73.1 109.7

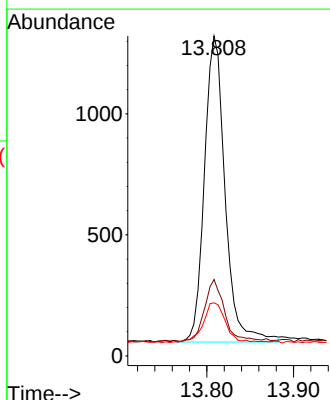
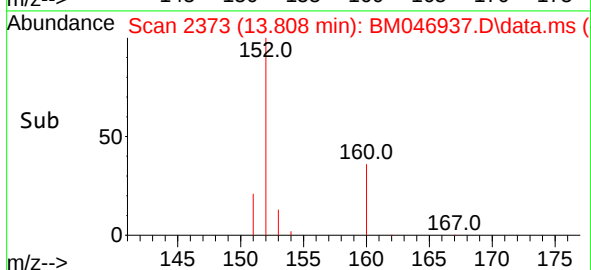
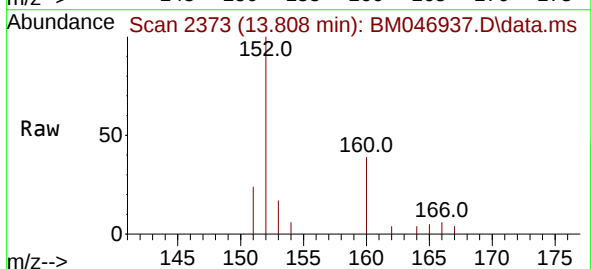
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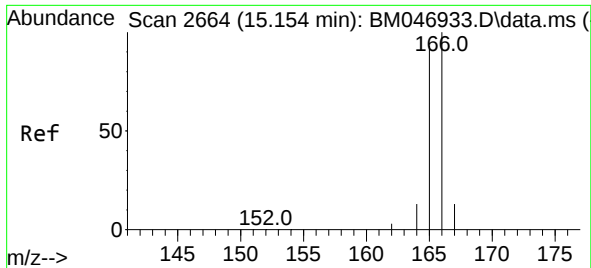
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 13.808 min Scan# 2373
Delta R.T. -0.009 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

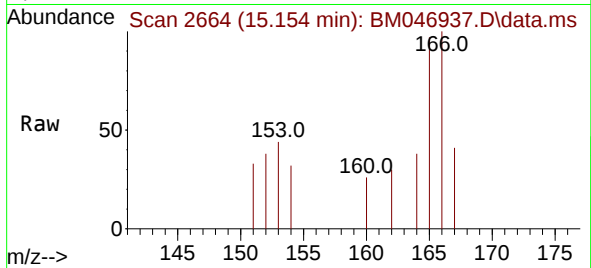
Tgt Ion:152 Resp: 2101
Ion Ratio Lower Upper
152 100
151 23.9 16.8 25.2
153 16.6 11.0 16.6#





#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.154 min Scan# 20
Delta R.T. -0.009 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

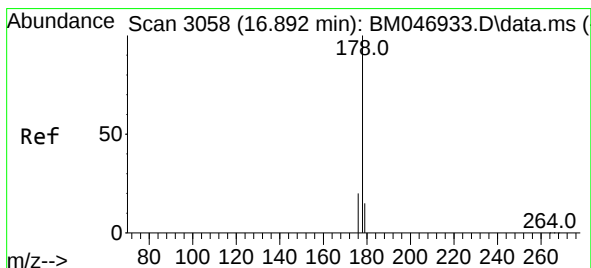
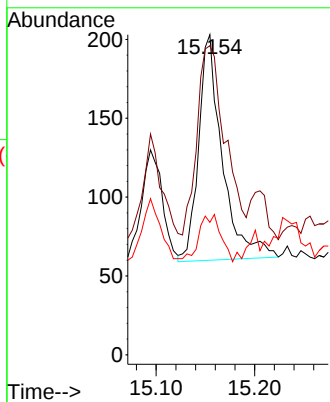
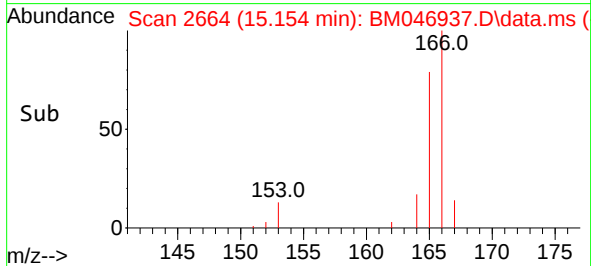
Instrument :
BNA_M
ClientSampleId :
F7E43DL



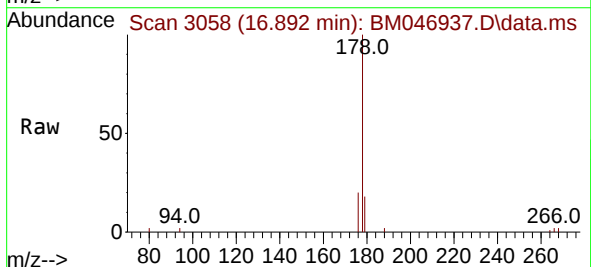
Tgt Ion:166 Resp: 238
Ion Ratio Lower Upper
166 100
165 96.6 79.8 119.6
167 41.4 12.3 18.5

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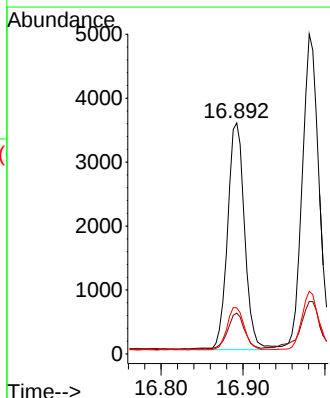
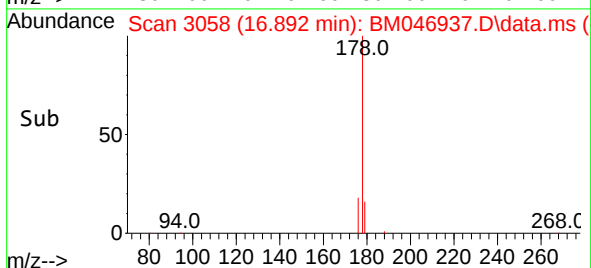
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

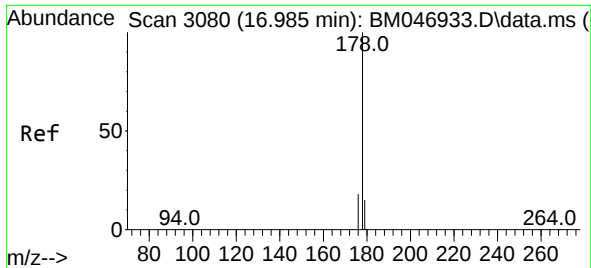


#15
Phenanthrene
Concen: 0.300 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.008 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06



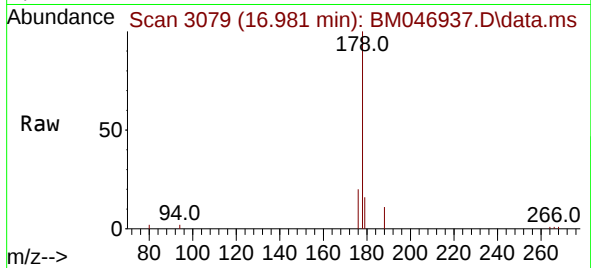
Tgt Ion:178 Resp: 5121
Ion Ratio Lower Upper
178 100
179 17.7 13.4 20.2
176 20.0 16.1 24.1





#16
 Anthracene
 Concen: 0.435 ng/ul
 RT: 16.981 min Scan# 3080
 Delta R.T. -0.013 min
 Lab File: BM046937.D
 Acq: 31 Jul 2024 11:06

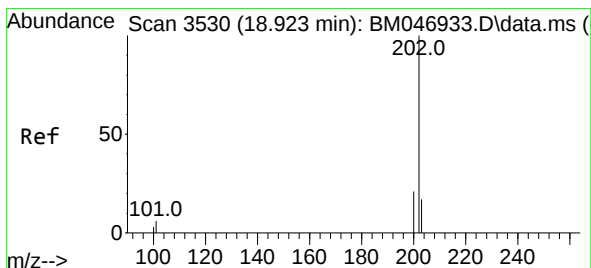
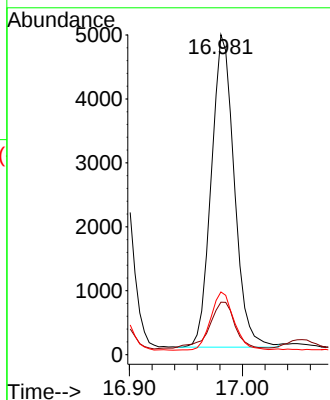
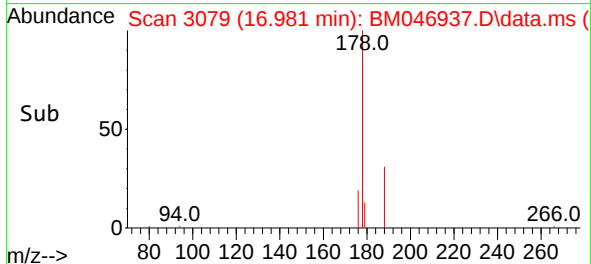
Instrument :
 BNA_M
 ClientSampleId :
 F7E43DL



Tgt Ion:178 Resp: 6890
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.1 19.7
 176 19.6 15.0 22.6

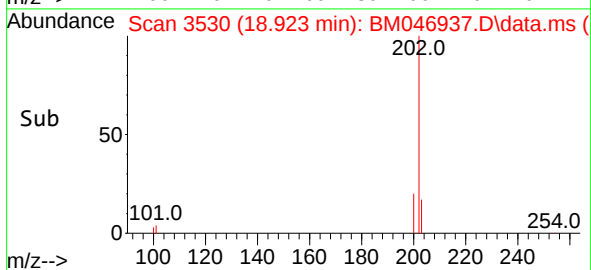
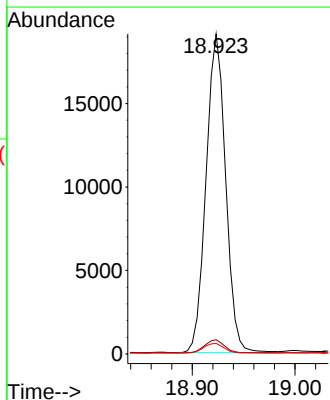
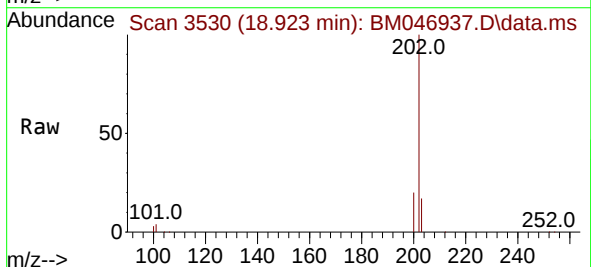
Manual Integrations
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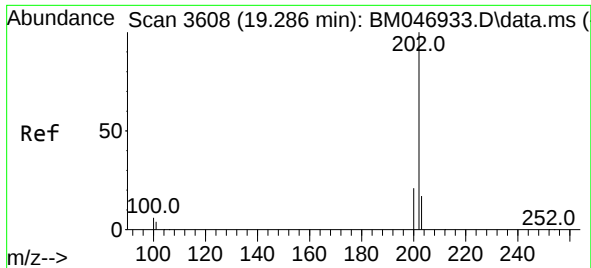
Reviewed By :Jagrut Upadhyay 07/31/2024
 Supervised By :mohammad ahmed 08/03/2024



#19
 Fluoranthene
 Concen: 0.995 ng/ul
 RT: 18.923 min Scan# 3530
 Delta R.T. -0.009 min
 Lab File: BM046937.D
 Acq: 31 Jul 2024 11:06

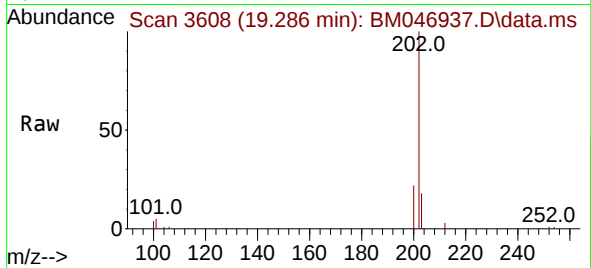
Tgt Ion:202 Resp: 25293
 Ion Ratio Lower Upper
 202 100
 101 4.4 4.7 7.1#
 100 3.3 3.4 5.2#





#20
Pyrene
Concen: 0.640 ng/ul
RT: 19.286 min Scan# 3608
Delta R.T. -0.009 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

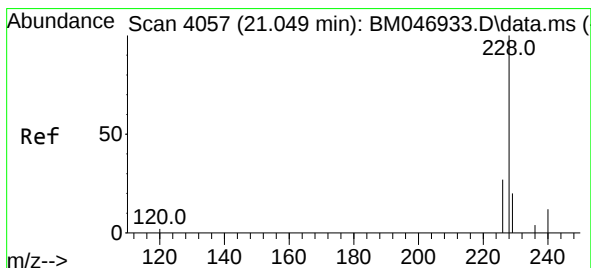
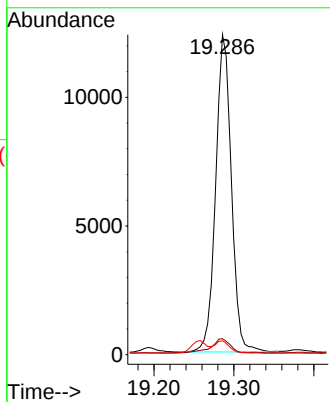
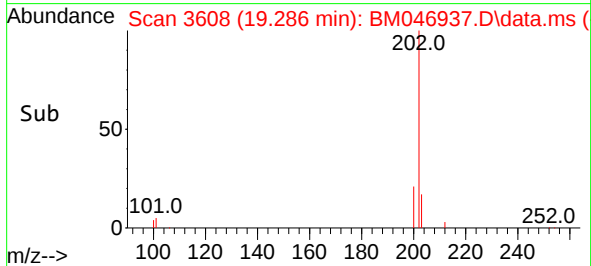
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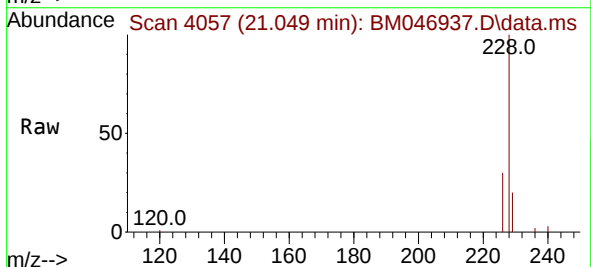
Tgt Ion:202 Resp: 16820
Ion Ratio Lower Upper
202 100
101 5.0 5.2 7.8
100 4.4 4.3 6.5

Manual Integrations
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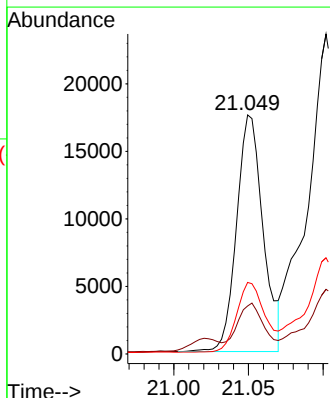
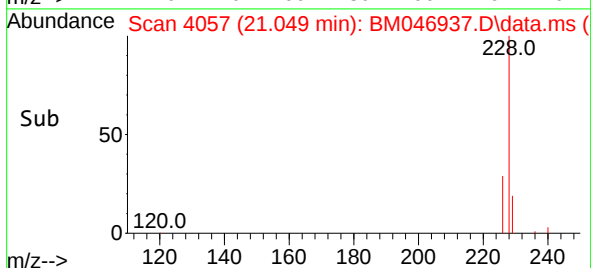
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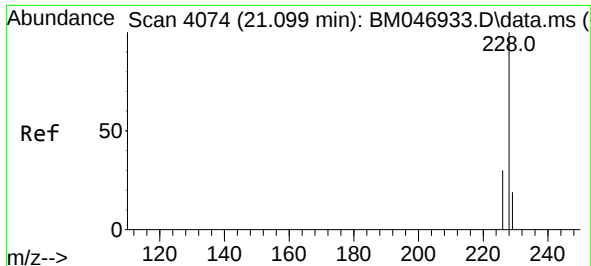


#21
Benzo(a)anthracene
Concen: 0.896 ng/ul
RT: 21.049 min Scan# 4057
Delta R.T. -0.009 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06



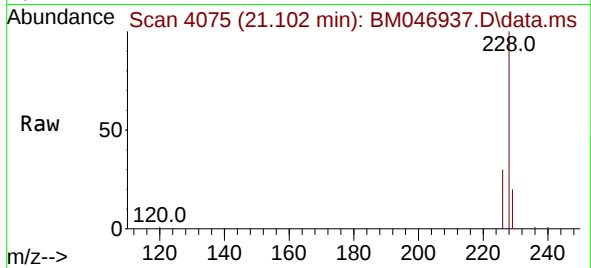
Tgt Ion:228 Resp: 21607
Ion Ratio Lower Upper
228 100
229 20.1 16.3 24.5
226 29.9 22.3 33.5





#22
Chrysene
Concen: 1.453 ng/ul
RT: 21.102 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

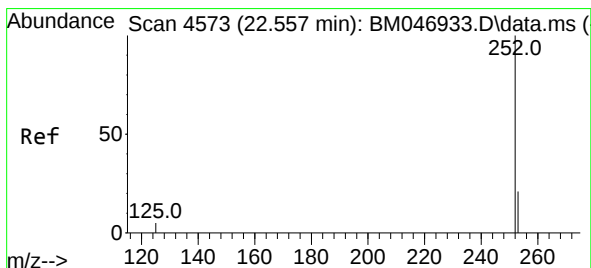
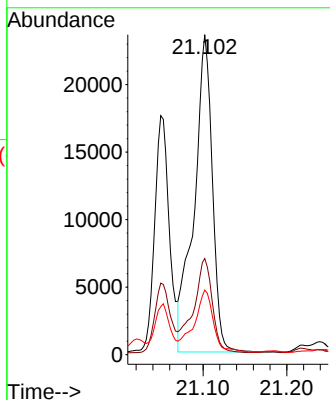
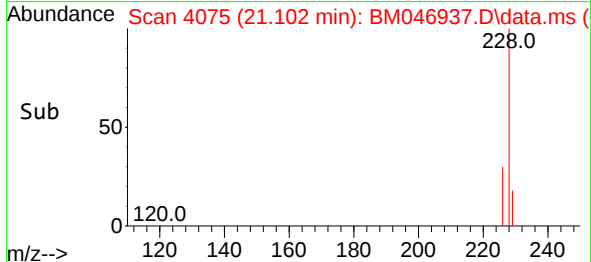
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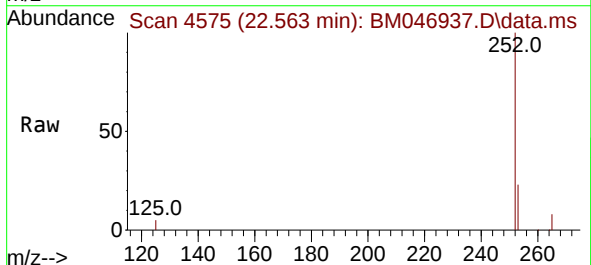
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Ion Ratio Lower Upper
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226 30.1 24.5 36.7
229 20.2 16.2 24.2

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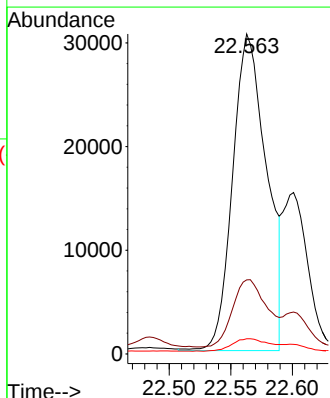
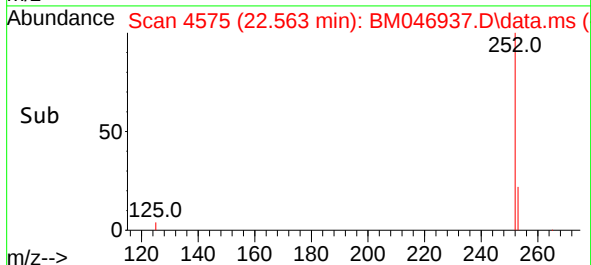
Reviewed By :Jagrut Upadhyay 07/31/2024
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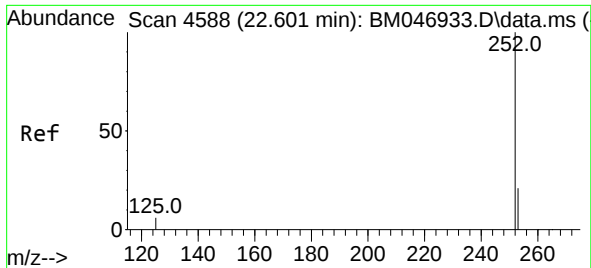


#24
Benzo(b)fluoranthene
Concen: 1.787 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.006 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06



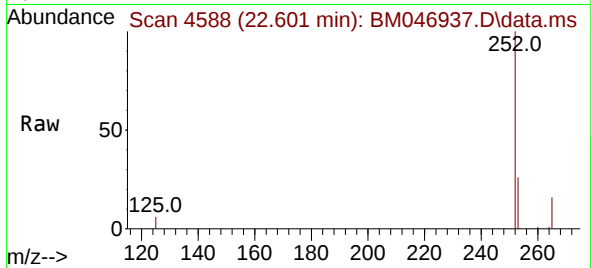
Tgt Ion:252 Resp: 58574
Ion Ratio Lower Upper
252 100
253 23.1 0.0 56.4
125 4.8 0.0 15.8





#25
Benzo(k)fluoranthene
Concen: 0.640 ng/ul m
RT: 22.601 min Scan# 4588
Delta R.T. -0.009 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

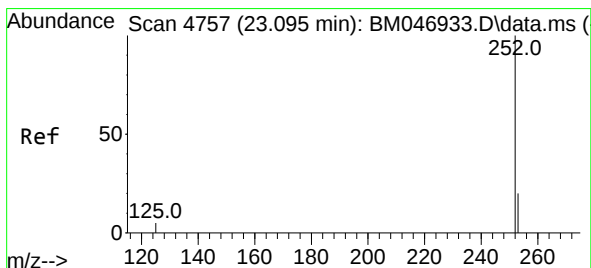
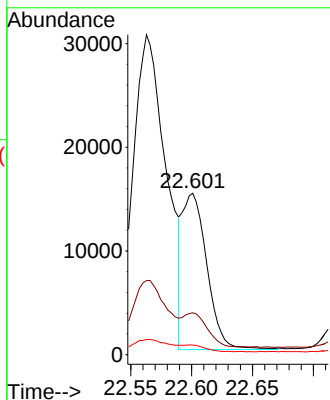
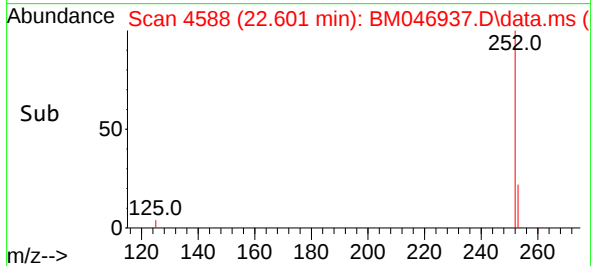
Instrument :
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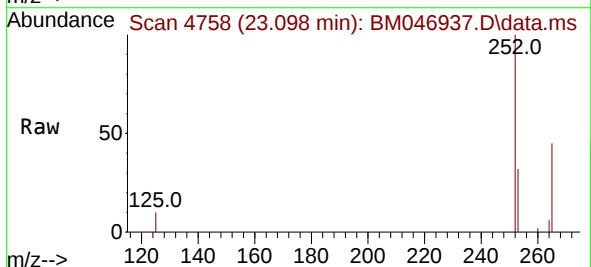
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Ion Ratio Lower Upper
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125 5.9 8.6 13.0

Manual Integrations
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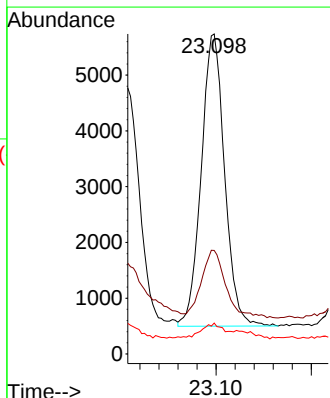
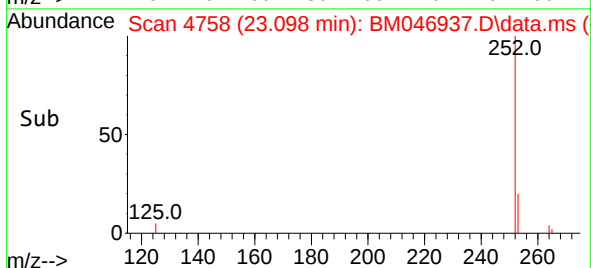
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

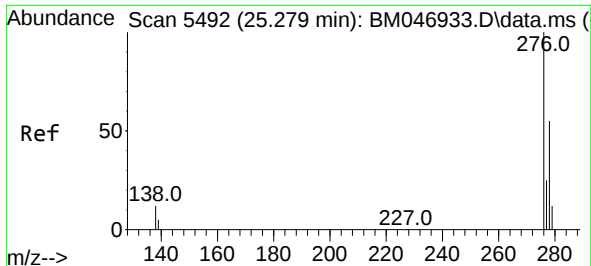


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.098 min Scan# 4758
Delta R.T. -0.006 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06



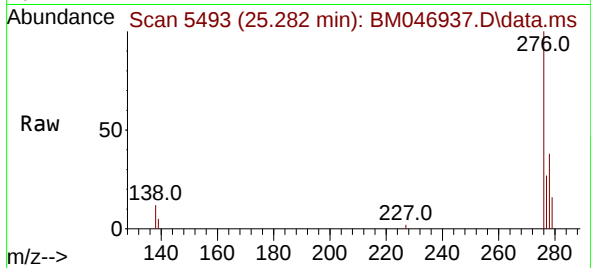
Tgt Ion:252 Resp: 8929
Ion Ratio Lower Upper
252 100
253 32.3 26.0 39.0
125 9.7 7.8 11.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 25.282 min Scan# 5492
Delta R.T. -0.013 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

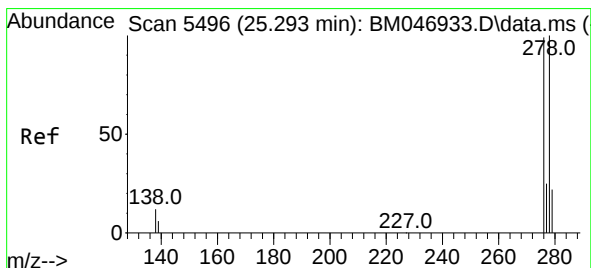
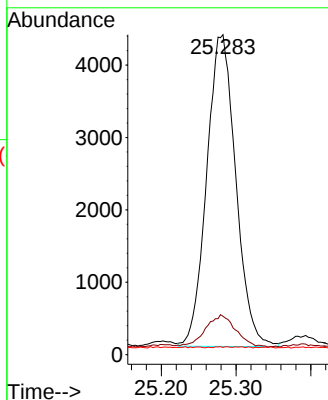
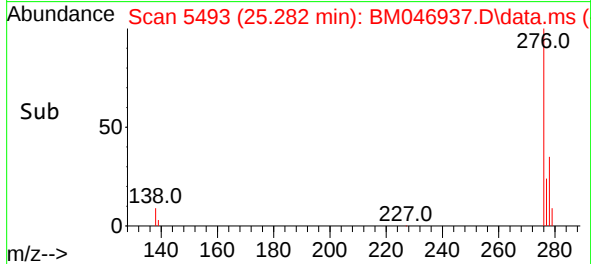
Instrument :
BNA_M
ClientSampleId :
F7E43DL



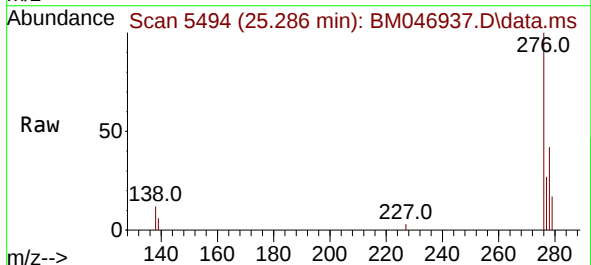
Tgt Ion: 276 Resp: 1165
Ion Ratio Lower Upper
276 100
138 11.0 9.7 14.5
227 0.1 0.2 0.2

Manual Integrations
APPROVED

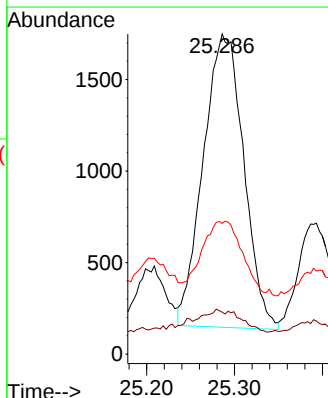
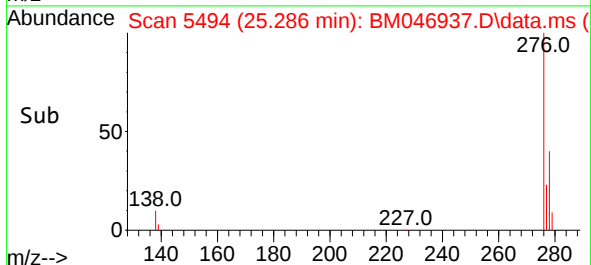
Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

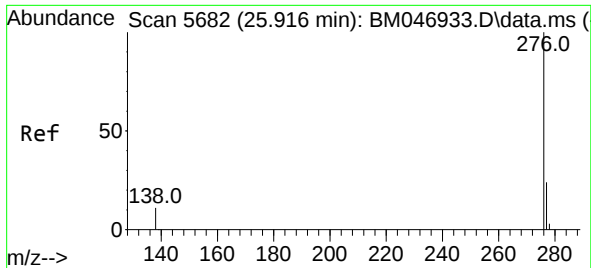


#28
Dibenzo(a,h)anthracene
Concen: 0.193 ng/ul
RT: 25.286 min Scan# 5494
Delta R.T. -0.023 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06



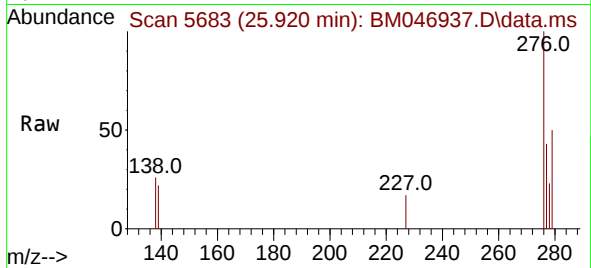
Tgt Ion: 278 Resp: 5122
Ion Ratio Lower Upper
278 100
139 13.1 9.8 14.8
279 40.8 25.2 37.8





#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 25.920 min Scan# 50
Delta R.T. -0.013 min
Lab File: BM046937.D
Acq: 31 Jul 2024 11:06

Instrument :
BNA_M
ClientSampleId :
F7E43DL



Tgt Ion:276 Resp: 1492
Ion Ratio Lower Upper
276 100
138 25.8 9.5 14.3
277 42.8 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/31/2024
Supervised By :mohammad ahmed 08/03/2024

