

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046840.D
 Acq On : 26 Jul 2024 20:58
 Operator : MA/JU
 Sample : P3263-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BD6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/27/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Jul 27 00:08:03 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 : Wed Jul 24 15:10:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	16778	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	10017	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	19292	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.079	240	9430	0.400	ng/ul	# 0.00
23) Perylene-d12	23.209	264	9579	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	3942	1.045	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	1662	0.062	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	2758	0.090	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	7548	0.178	ng/ul	99
7) 2-Methylnaphthalene	11.897	142	3120	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	2492	0.083	ng/ul	98
10) Acenaphthylene	13.830	152	5229	0.114	ng/ul	96
11) Acenaphthene	14.177	153	8521	0.274	ng/ul	99
12) Fluorene	15.171	166	10580	0.272	ng/ul	98
15) Phenanthrene	16.912	178	220978	3.985	ng/ul	97
16) Anthracene	17.001	178	25316	0.490	ng/ul	99
19) Fluoranthene	18.940	202	265204	6.404	ng/ul	97
20) Pyrene	19.303	202	161768	3.776	ng/ul#	94
21) Benzo(a)anthracene	21.064	228	74416	1.894	ng/ul	99
22) Chrysene	21.114	228	81815	2.050	ng/ul	99
24) Benzo(b)fluoranthene	22.581	252	96081m	2.285	ng/ul	
25) Benzo(k)fluoranthene	22.616	252	37811m	0.892	ng/ul	
26) Benzo(a)pyrene	23.116	252	33064	1.095	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.310	276	32727	0.704	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.323	278	10989	0.323	ng/ul#	85
29) Benzo(g,h,i)perylene	25.953	276	5087	0.124	ng/ul#	69

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

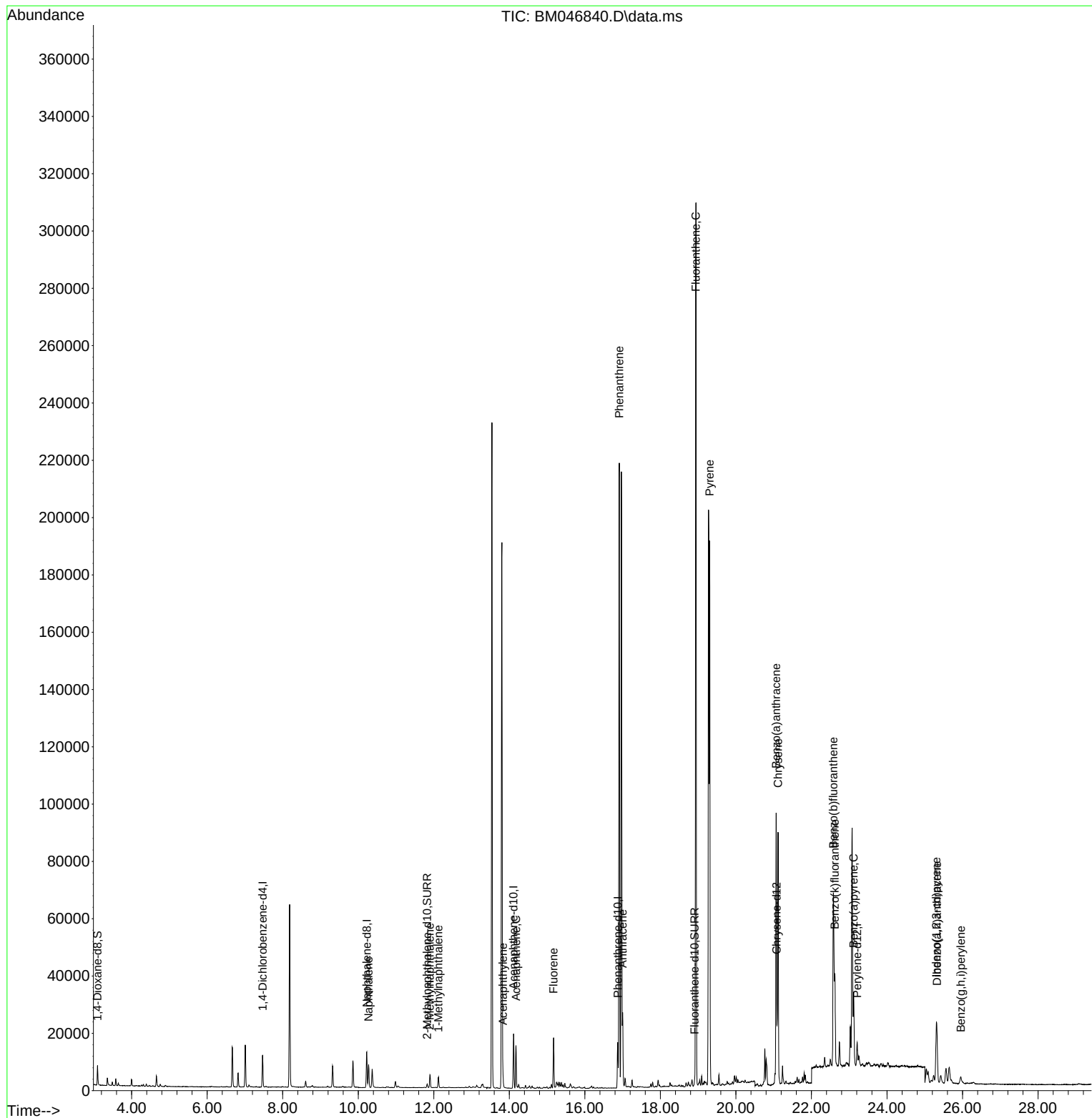
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046840.D
Acq On : 26 Jul 2024 20:58
Operator : MA/JU
Sample : P3263-10DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

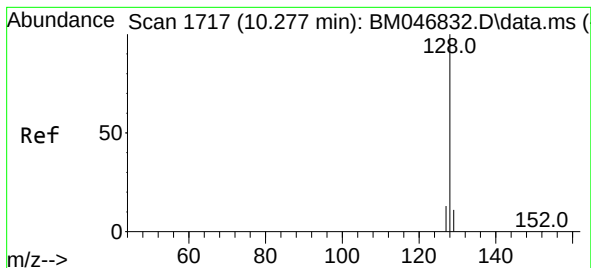
Instrument :
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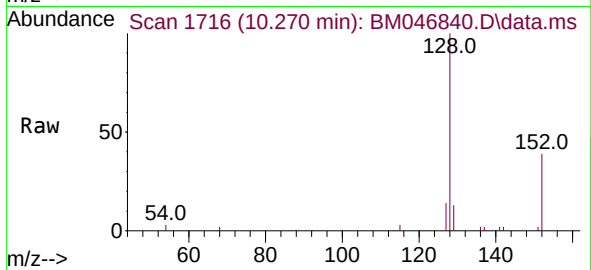
Quant Time: Jul 27 00:08:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.178 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

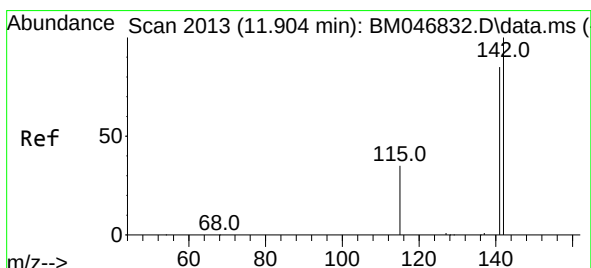
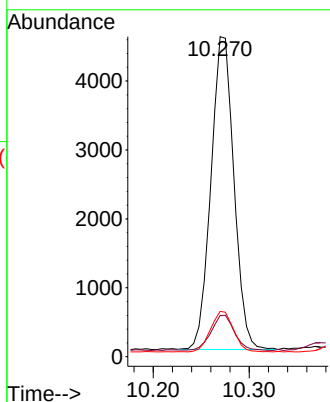
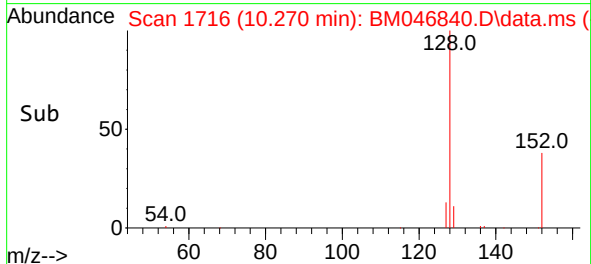
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:128 Resp: 7548
Ion Ratio Lower Upper
128 100
129 12.9 10.1 15.1
127 14.1 11.5 17.3

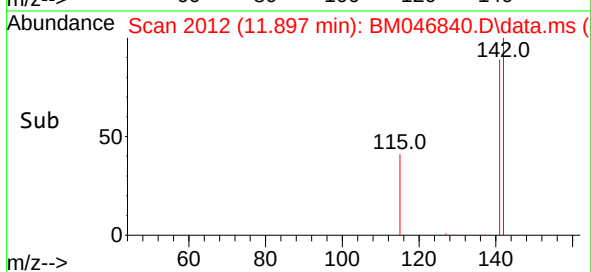
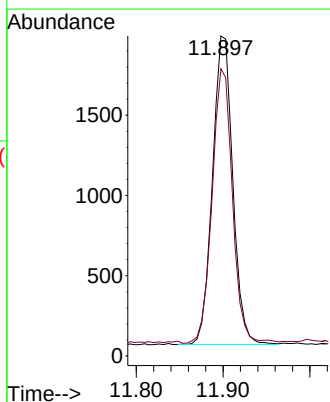
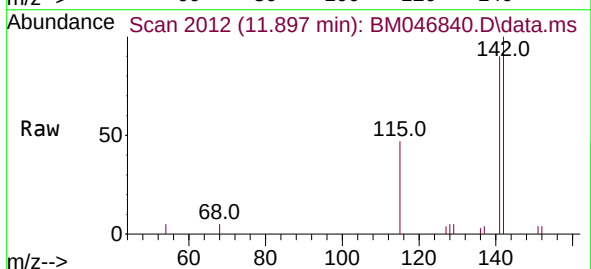
Manual Integrations
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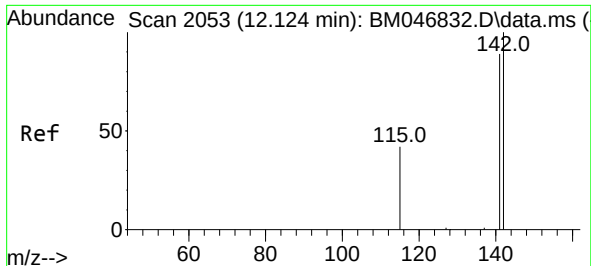
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 11.897 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

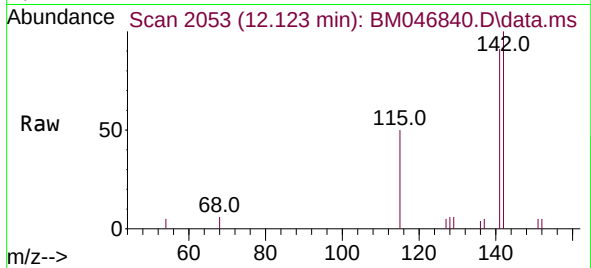
Tgt Ion:142 Resp: 3120
Ion Ratio Lower Upper
142 100
141 89.5 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

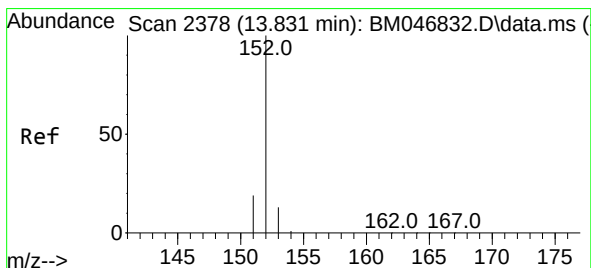
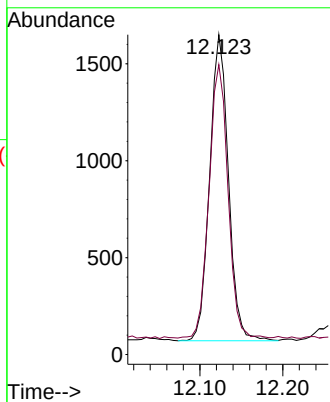
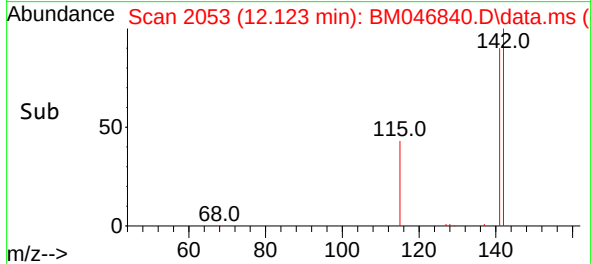
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:142 Resp: 249
Ion Ratio Lower Upper
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141 89.9 73.1 109.7

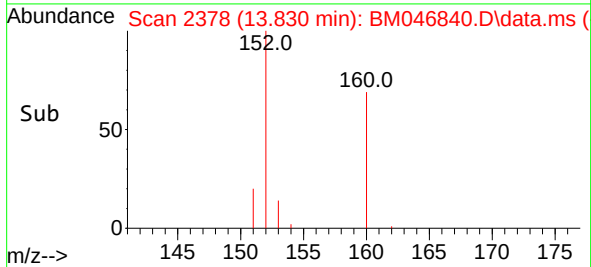
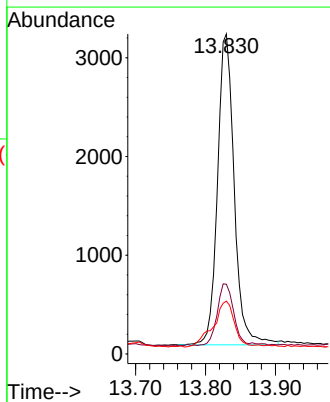
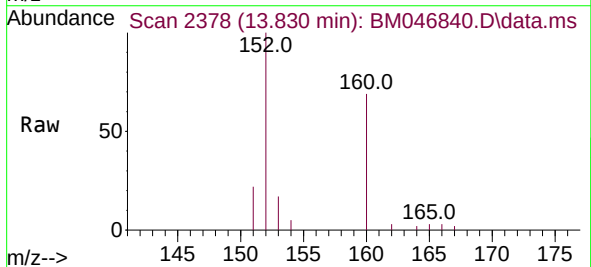
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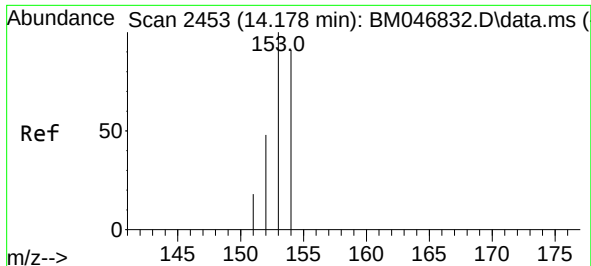
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#10
Acenaphthylene
Concen: 0.114 ng/ul
RT: 13.830 min Scan# 2378
Delta R.T. -0.001 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

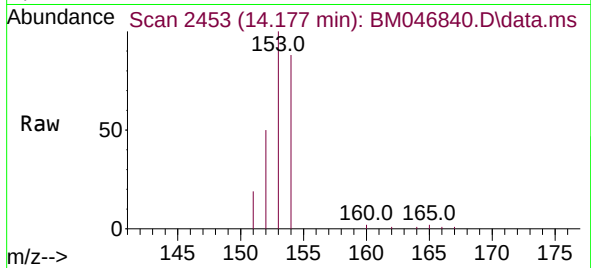
Tgt Ion:152 Resp: 5229
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 16.5 11.0 16.6





#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

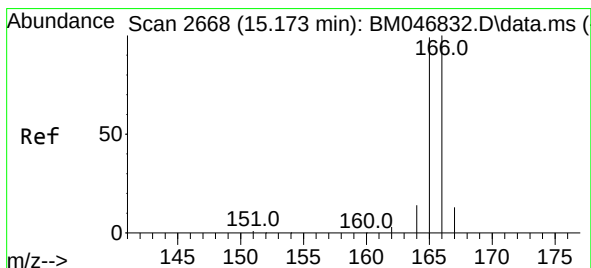
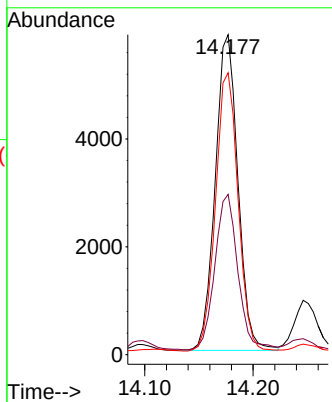
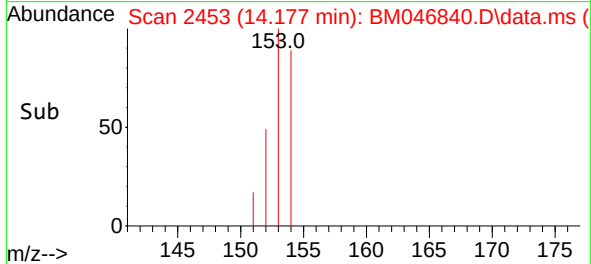
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:153 Resp: 852
Ion Ratio Lower Upper
153 100
152 50.1 38.6 57.8
154 88.1 70.8 106.2

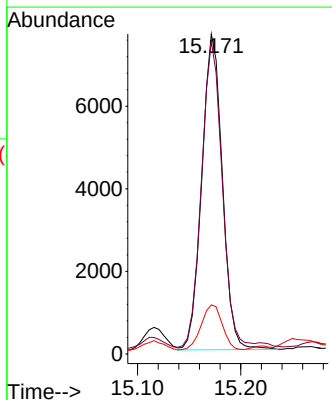
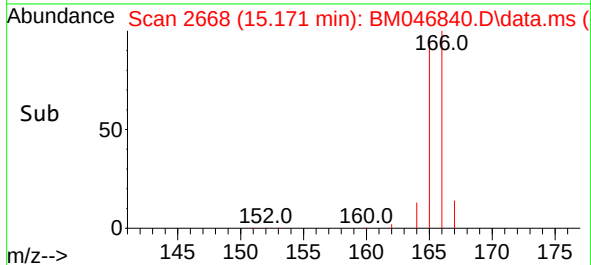
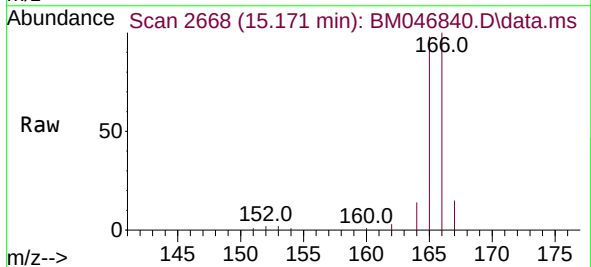
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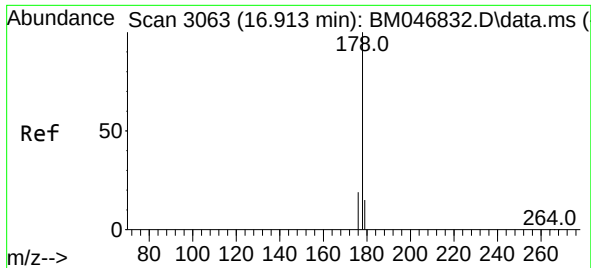
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.171 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

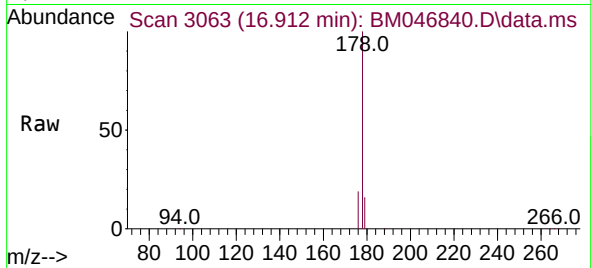
Tgt Ion:166 Resp: 10580
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.6
167 15.3 12.3 18.5





#15
Phenanthrene
Concen: 3.985 ng/u1
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

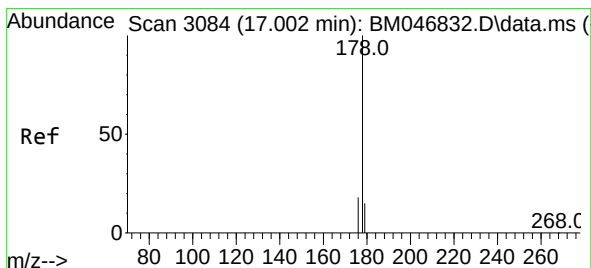
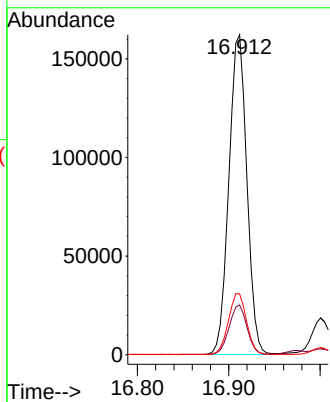
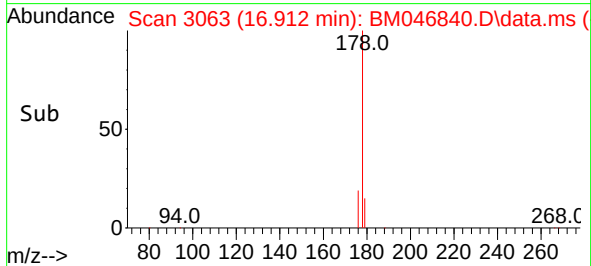
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:178 Resp: 220978
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.0 16.1 24.1

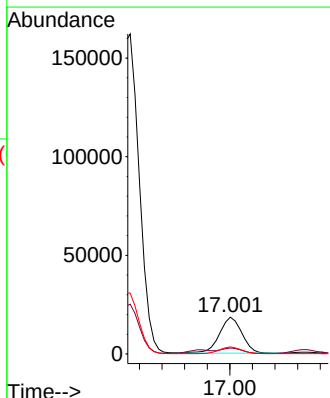
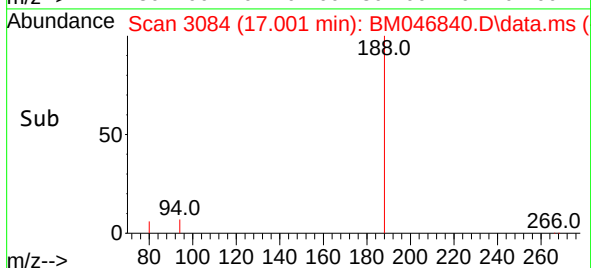
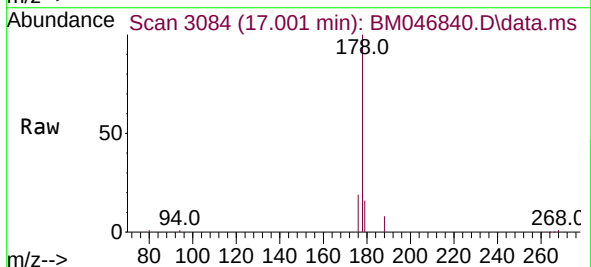
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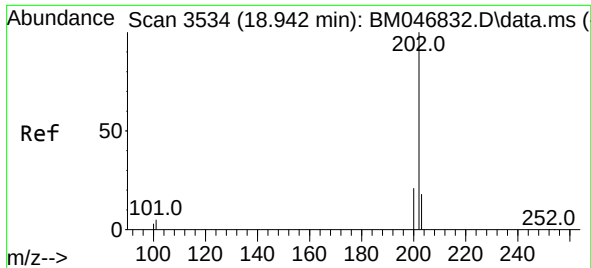
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 0.490 ng/u1
RT: 17.001 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

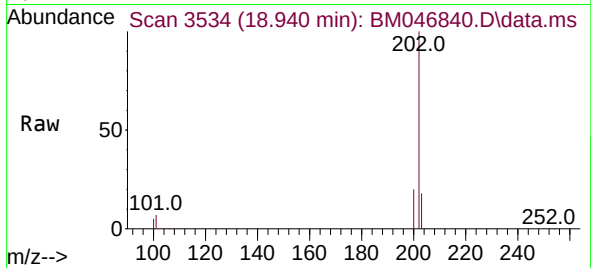
Tgt Ion:178 Resp: 25316
Ion Ratio Lower Upper
178 100
179 15.9 13.1 19.7
176 19.0 15.0 22.6





#19
Fluoranthene
Concen: 6.404 ng/ul
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

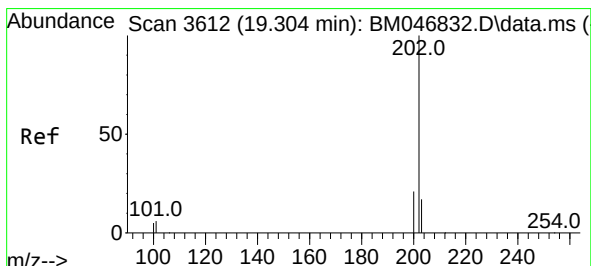
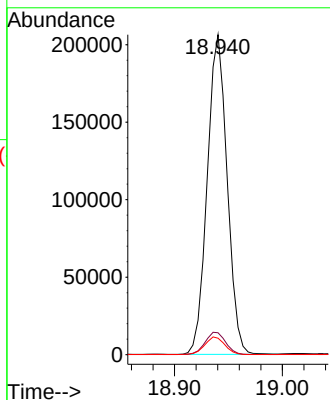
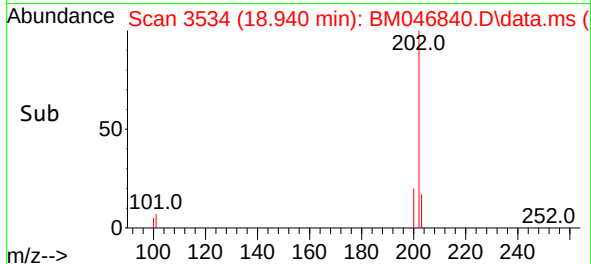
Instrument :
BNA_M
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A4BD6DL



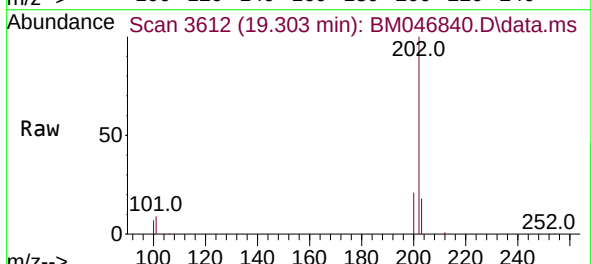
Tgt Ion:202 Resp: 265204
Ion Ratio Lower Upper
202 100
101 6.9 4.7 7.1
100 5.1 3.4 5.2

Manual Integrations
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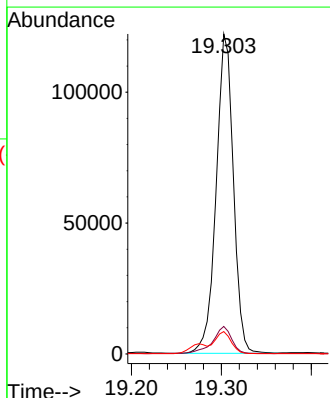
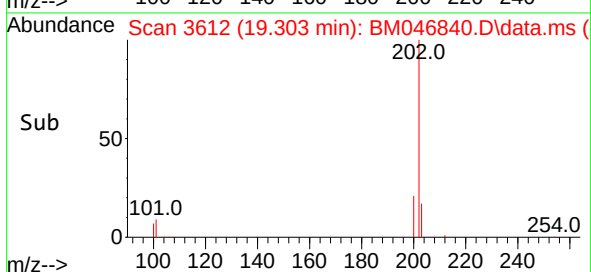
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

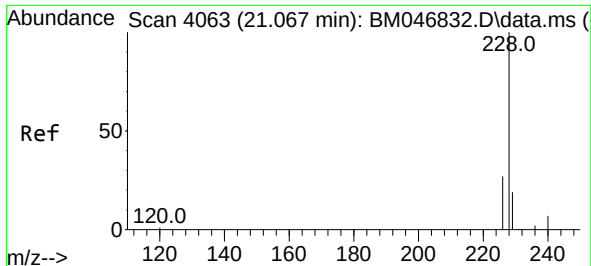


#20
Pyrene
Concen: 3.776 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58



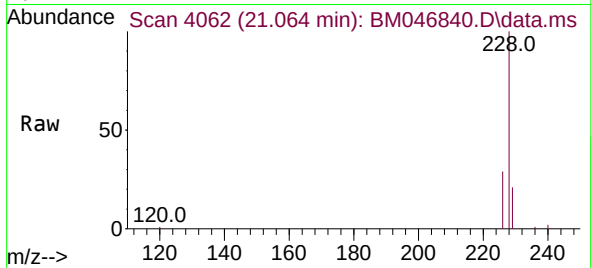
Tgt Ion:202 Resp: 161768
Ion Ratio Lower Upper
202 100
101 8.6 5.2 7.8#
100 7.0 4.3 6.5#





#21
Benzo(a)anthracene
Concen: 1.894 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. 0.000 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

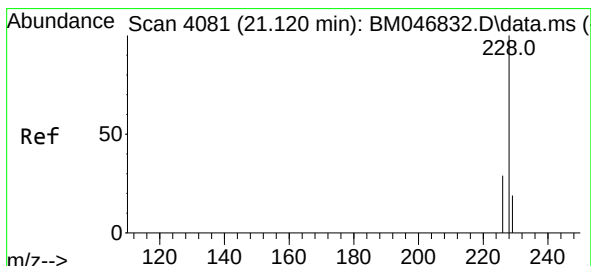
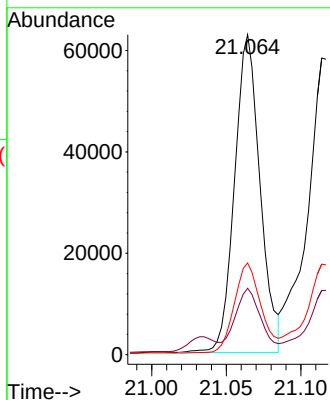
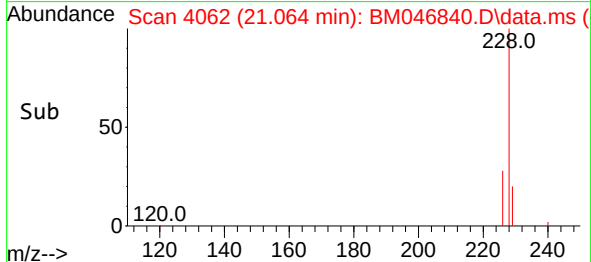
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:228 Resp: 74410
Ion Ratio Lower Upper
228 100
229 20.7 16.3 24.5
226 28.7 22.3 33.5

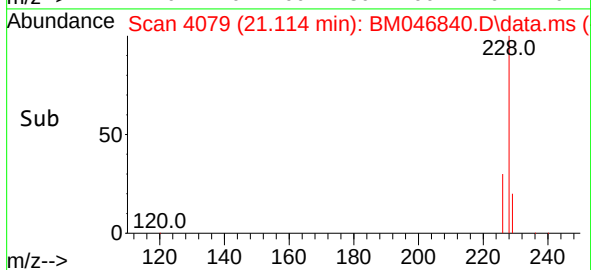
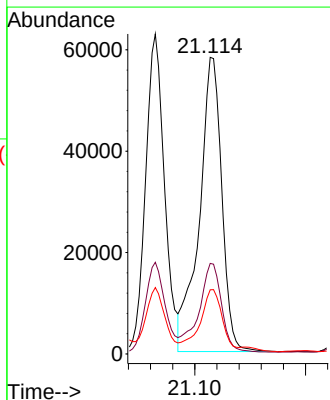
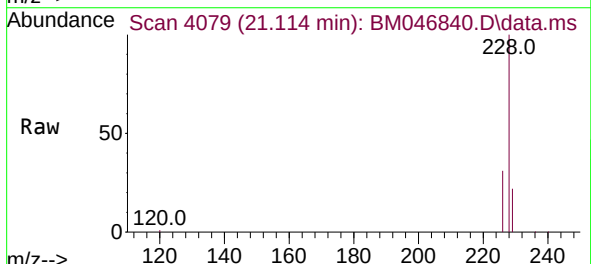
Manual Integrations
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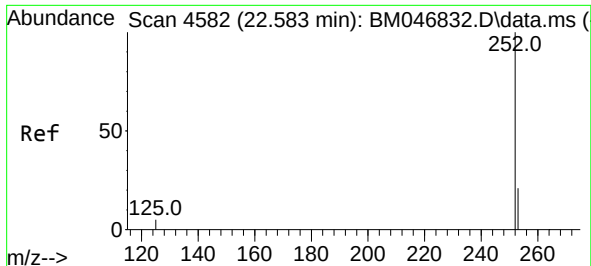
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 2.050 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

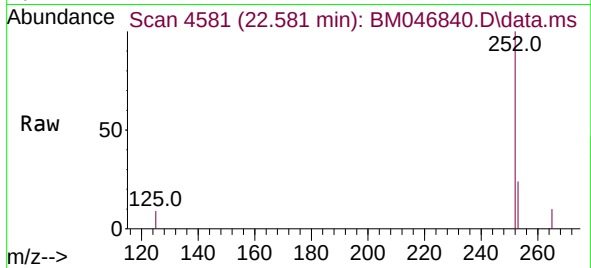
Tgt Ion:228 Resp: 81815
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 21.6 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 2.285 ng/ul m
RT: 22.581 min Scan# 4582
Delta R.T. 0.000 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

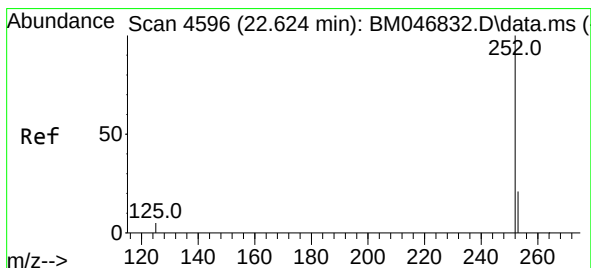
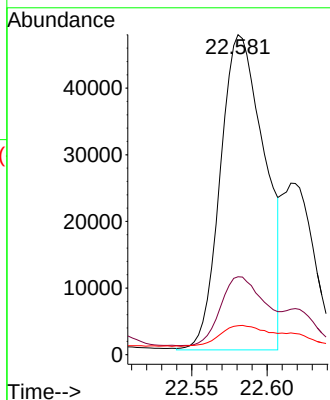
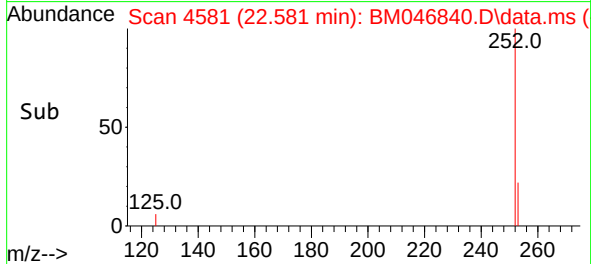
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:252 Resp: 9608
Ion Ratio Lower Upper
252 100
253 24.3 0.0 56.4
125 9.0 0.0 15.8

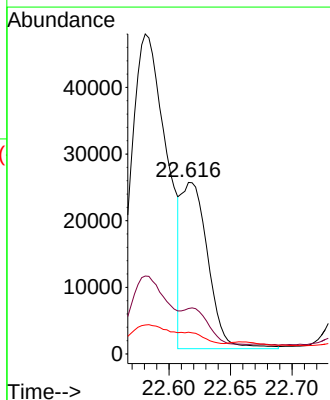
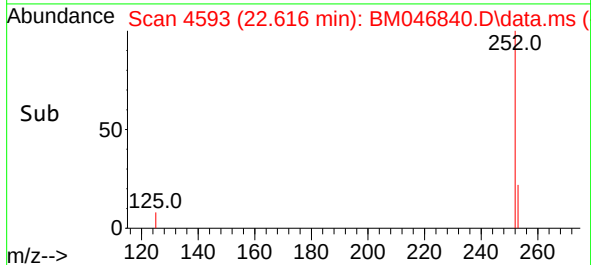
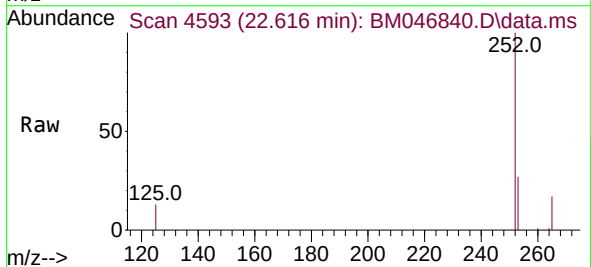
Manual Integrations
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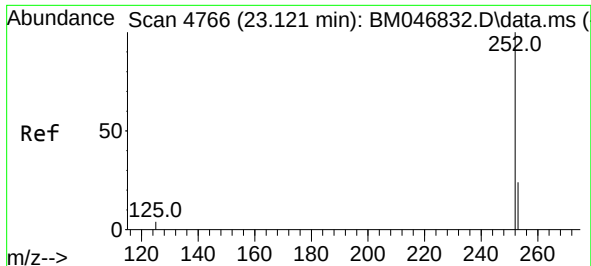
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.892 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. -0.006 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

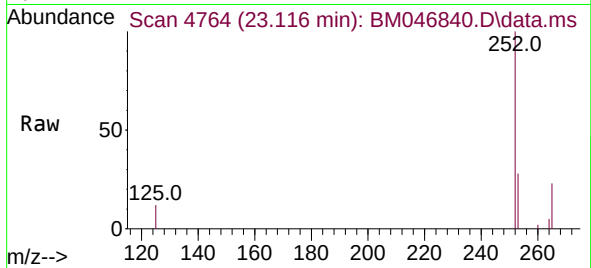
Tgt Ion:252 Resp: 37811
Ion Ratio Lower Upper
252 100
253 26.5 23.5 35.3
125 12.7 8.6 13.0





#26
Benzo(a)pyrene
Concen: 1.095 ng/ul
RT: 23.116 min Scan# 4764
Delta R.T. -0.003 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

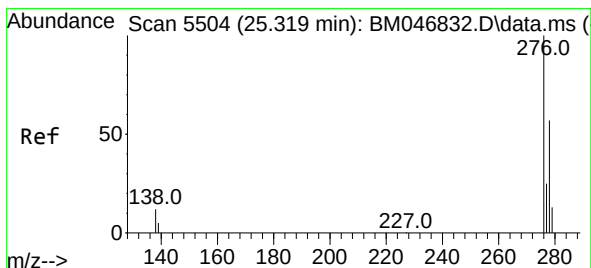
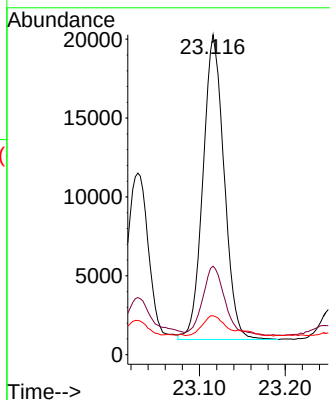
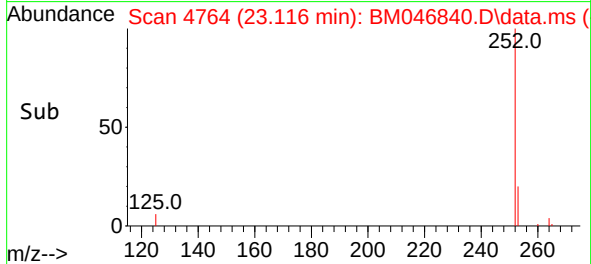
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:252 Resp: 33064
Ion Ratio Lower Upper
252 100
253 27.7 26.0 39.0
125 12.2 7.8 11.8

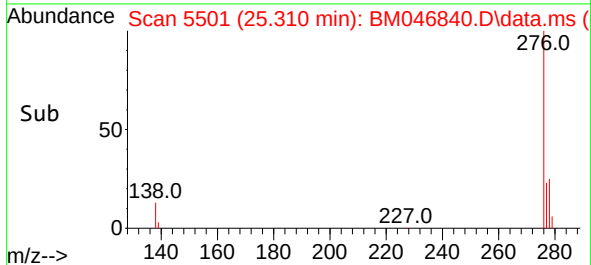
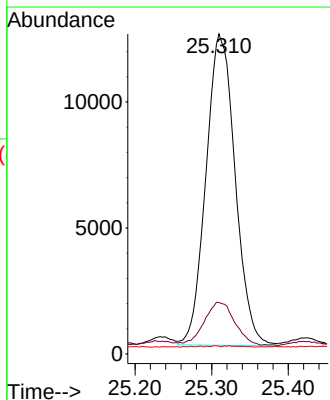
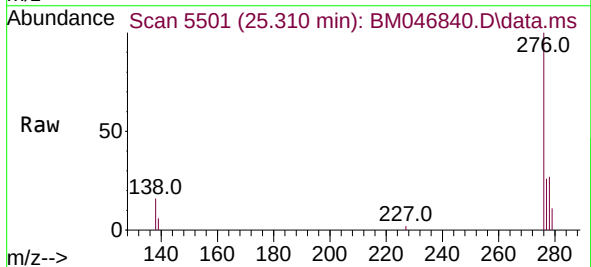
Manual Integrations
APPROVED

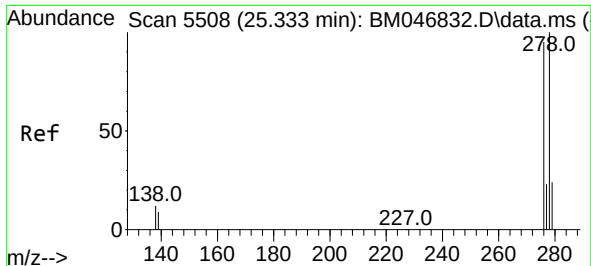
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.704 ng/ul
RT: 25.310 min Scan# 5501
Delta R.T. -0.006 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

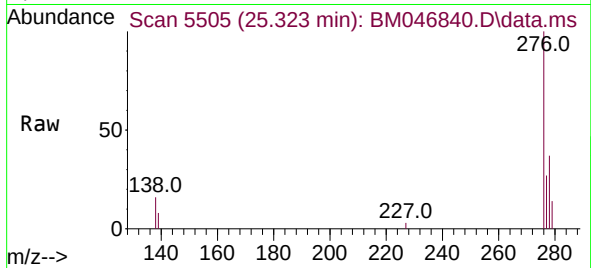
Tgt Ion:276 Resp: 32727
Ion Ratio Lower Upper
276 100
138 14.9 9.7 14.5#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.323 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

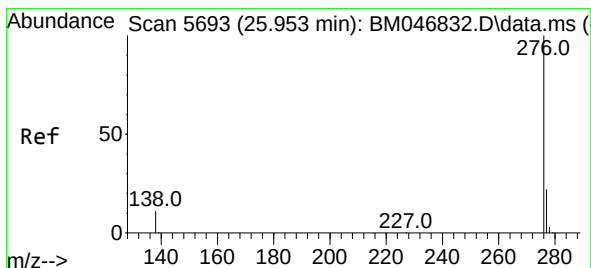
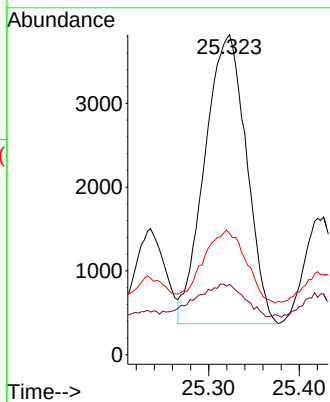
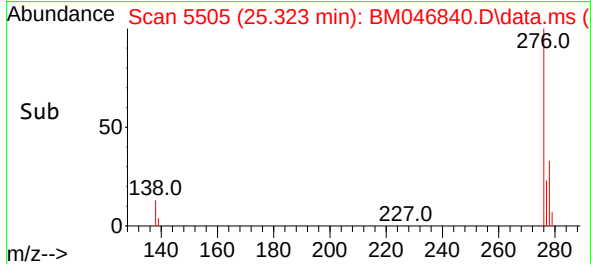
Instrument :
BNA_M
ClientSampleId :
A4BD6DL



Tgt Ion:278 Resp: 10989
Ion Ratio Lower Upper
278 100
139 21.9 9.8 14.8#
279 37.8 25.2 37.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 25.953 min Scan# 5693
Delta R.T. 0.000 min
Lab File: BM046840.D
Acq: 26 Jul 2024 20:58

Tgt Ion:276 Resp: 5087
Ion Ratio Lower Upper
276 100
138 29.5 9.5 14.3#
277 38.2 20.9 31.3#

