

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046853.D
 Acq On : 27 Jul 2024 05:33
 Operator : MA/JU
 Sample : P3264-02DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CL5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 06:10:47 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	7.463	152	4635	0.400	ng/ul	0.00
4) Naphthalene-d8	10.220	136	20466	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	8618	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.865	188	17067	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	8979	0.400	ng/ul	0.00
23) Perylene-d12	23.206	264	9546	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	1672	0.515	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.820	152	1184	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1425	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.270	128	3267	0.063	ng/ul	97
7) 2-Methylnaphthalene	11.897	142	1913	0.054	ng/ul	98
8) 1-Methylnaphthalene	12.123	142	2086	0.057	ng/ul	100
10) Acenaphthylene	13.825	152	3380	0.086	ng/ul#	95
11) Acenaphthene	14.172	153	4373	0.163	ng/ul	98
12) Fluorene	15.171	166	5129	0.153	ng/ul	99
15) Phenanthrene	16.908	178	82015	1.672	ng/ul	97
16) Anthracene	16.996	178	16233	0.355	ng/ul	99
19) Fluoranthene	18.940	202	99327	2.519	ng/ul	98
20) Pyrene	19.303	202	90351	2.215	ng/ul	99
21) Benzo(a)anthracene	21.061	228	35187	0.940	ng/ul	98
22) Chrysene	21.114	228	37530	0.987	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	45330m	1.082	ng/ul	
25) Benzo(k)fluoranthene	22.613	252	13549m	0.321	ng/ul	
26) Benzo(a)pyrene	23.113	252	29936m	0.995	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.306	276	22297	0.482	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.310	278	5366	0.158	ng/ul#	77
29) Benzo(g,h,i)perylene	25.947	276	22944	0.563	ng/ul	99

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

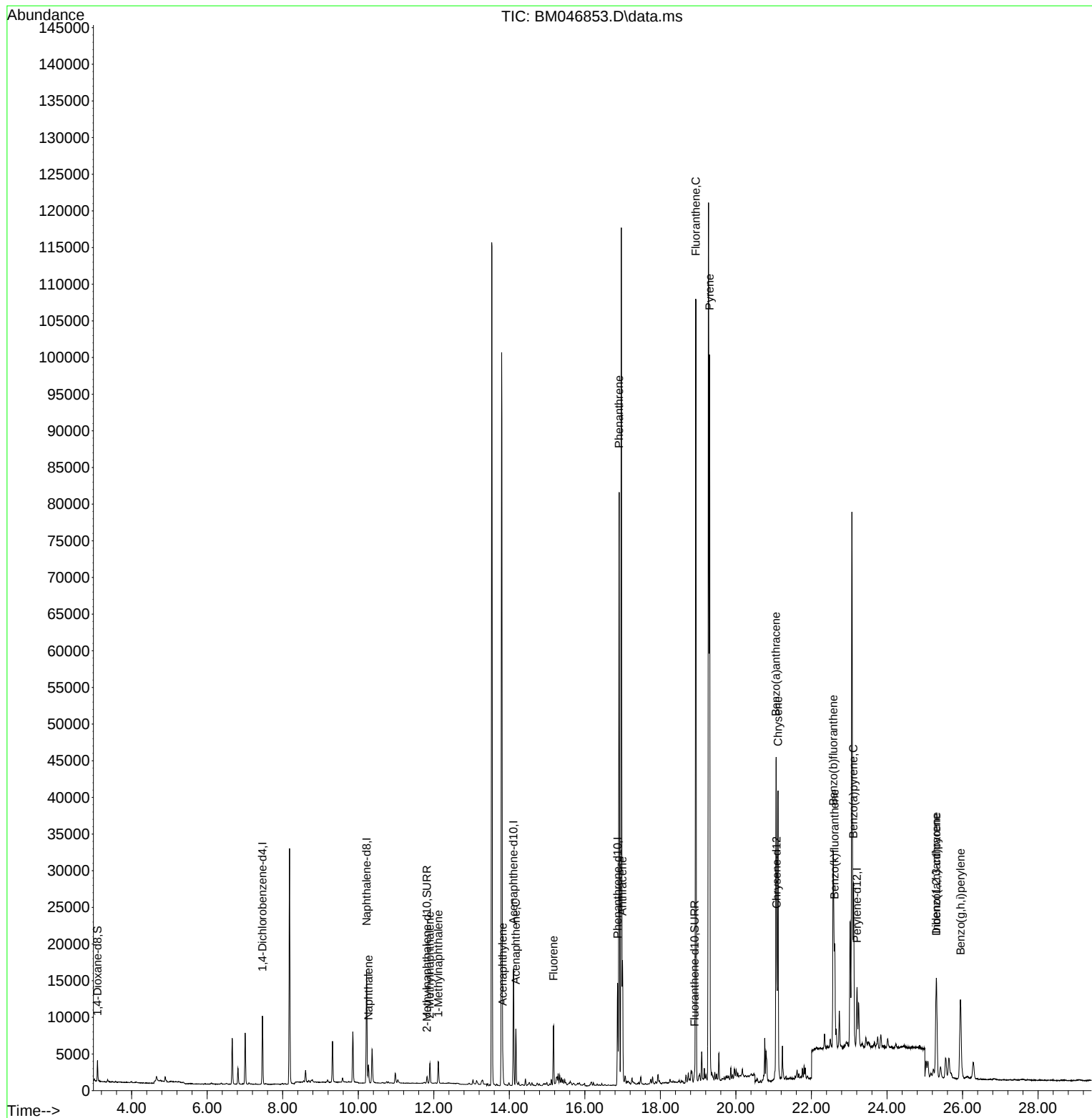
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046853.D
Acq On : 27 Jul 2024 05:33
Operator : MA/JU
Sample : P3264-02DL 5X
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ALS Vial : 34 Sample Multiplier: 1

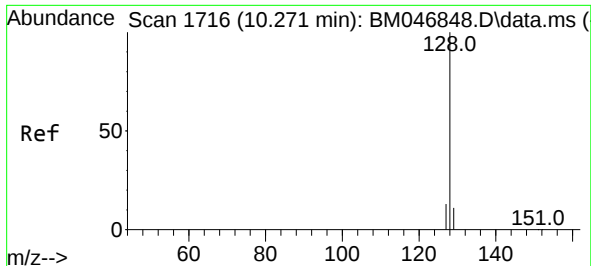
Instrument :
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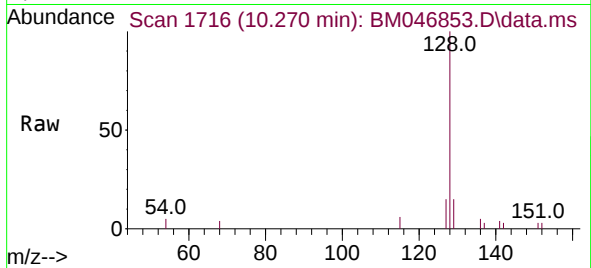
Quant Time: Jul 27 06:10:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.007 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

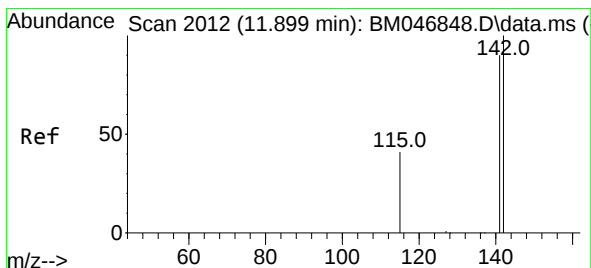
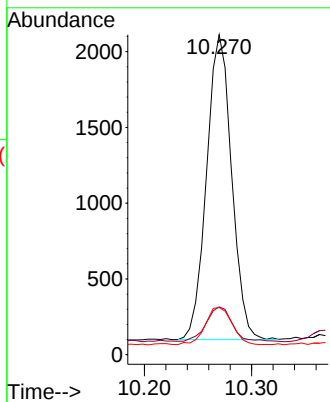
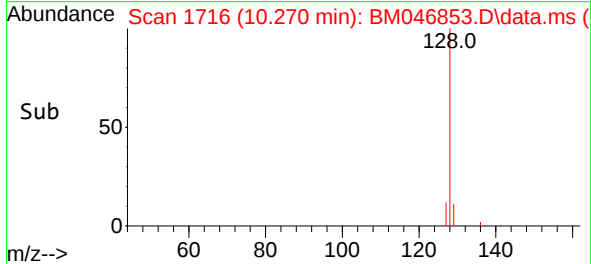
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:128 Resp: 326
Ion Ratio Lower Upper
128 100
129 15.0 10.1 15.1
127 14.8 11.5 17.3

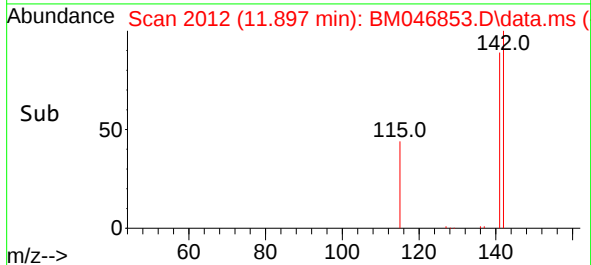
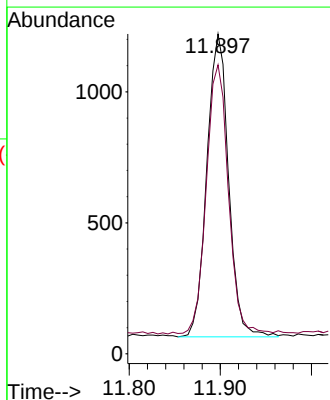
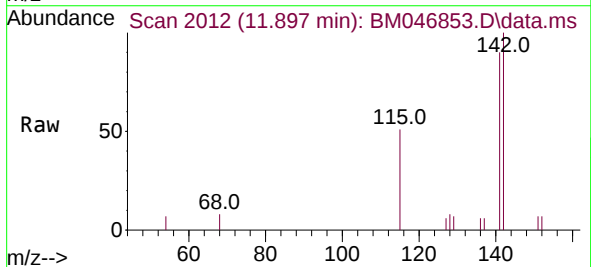
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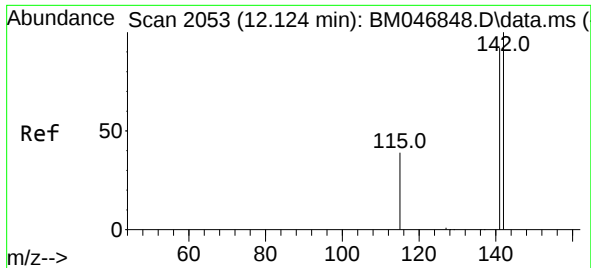
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.897 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

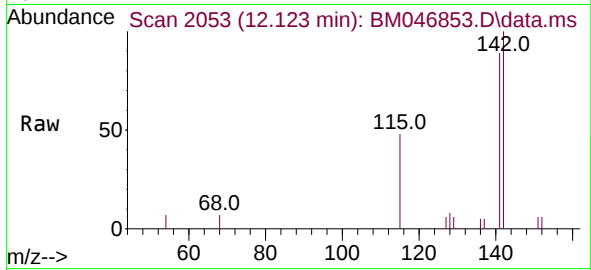
Tgt Ion:142 Resp: 1913
Ion Ratio Lower Upper
142 100
141 90.3 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

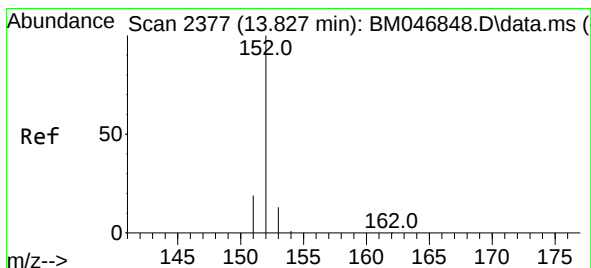
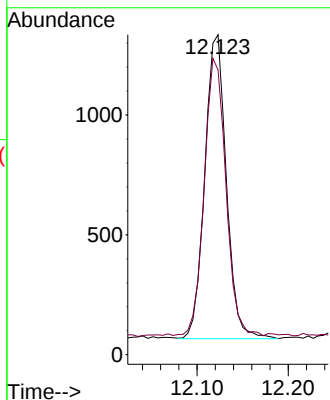
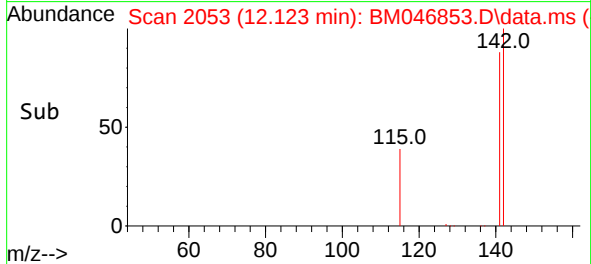
Instrument :
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A4CL5DL



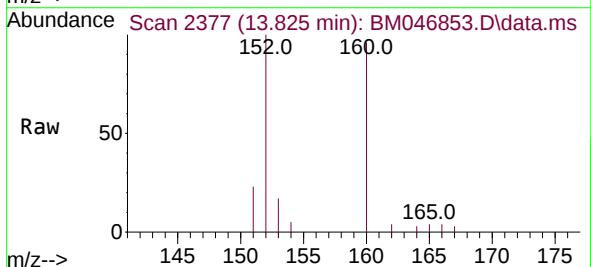
Tgt Ion:142 Resp: 2080
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7

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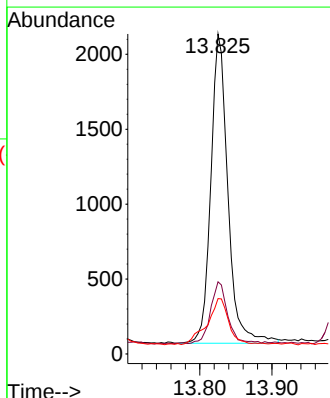
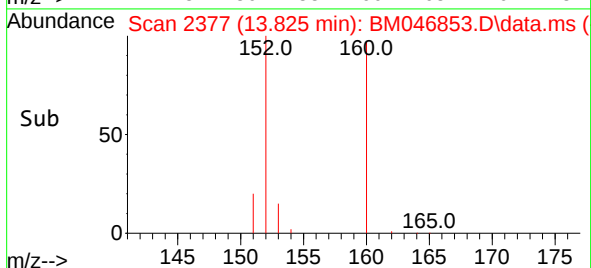
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

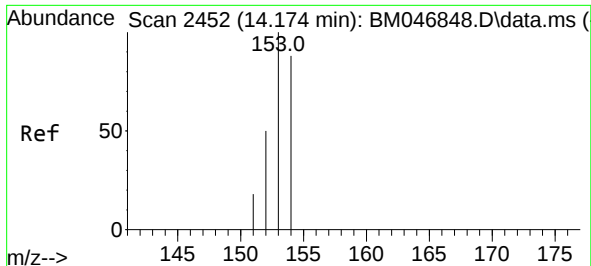


#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33



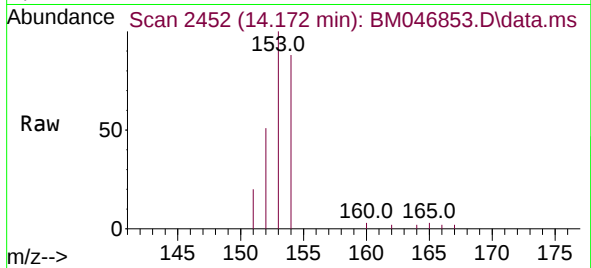
Tgt Ion:152 Resp: 3380
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 17.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.163 ng/u1
RT: 14.172 min Scan# 2452
Delta R.T. -0.011 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

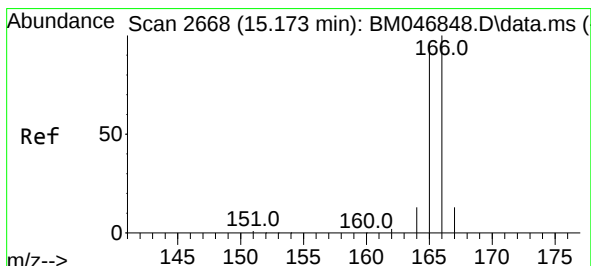
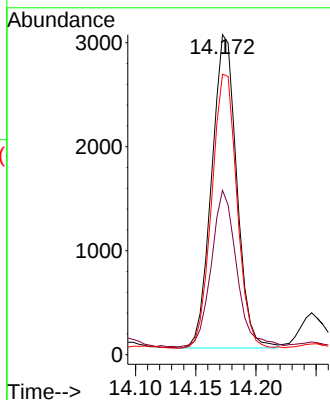
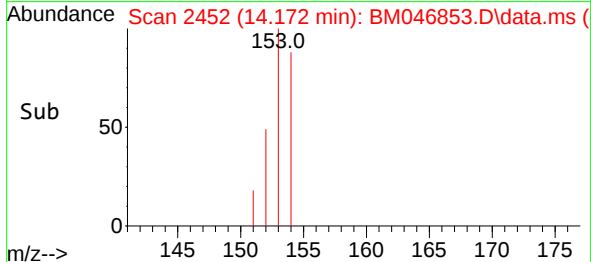
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:153 Resp: 437
Ion Ratio Lower Upper
153 100
152 51.3 38.6 57.8
154 87.7 70.8 106.2

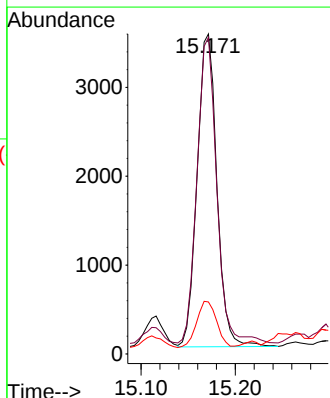
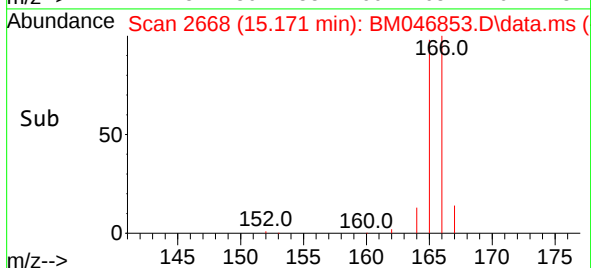
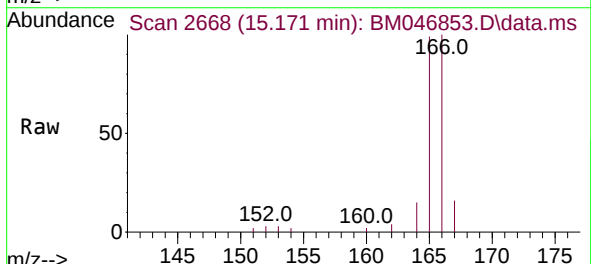
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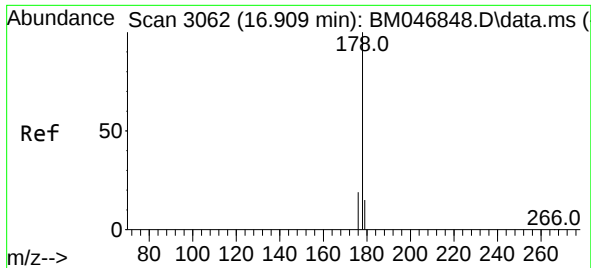
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#12
Fluorene
Concen: 0.153 ng/u1
RT: 15.171 min Scan# 2668
Delta R.T. -0.006 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

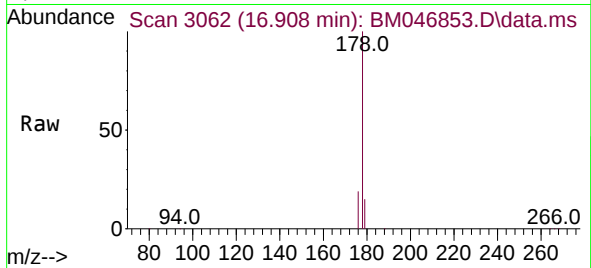
Tgt Ion:166 Resp: 5129
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.6
167 16.3 12.3 18.5





#15
Phenanthrene
Concen: 1.672 ng/u1
RT: 16.908 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

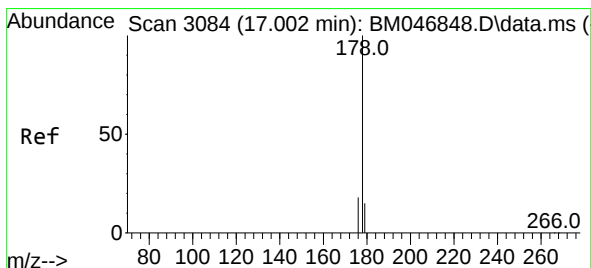
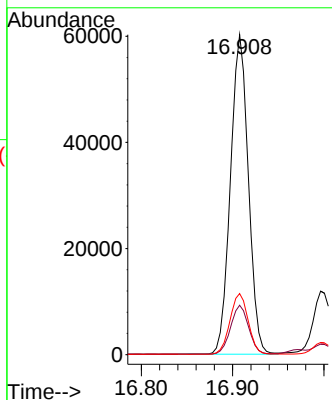
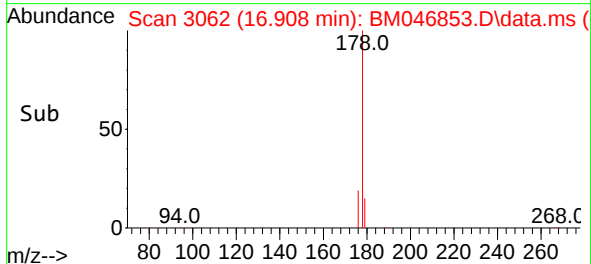
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:178 Resp: 82015
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 19.1 16.1 24.1

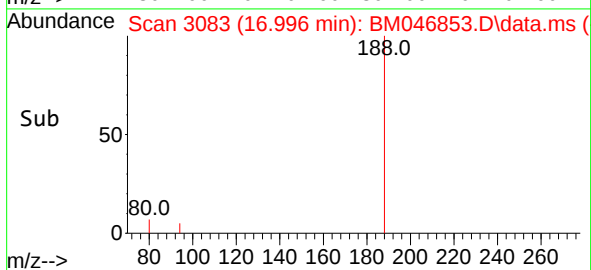
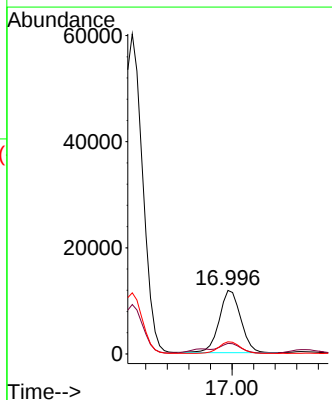
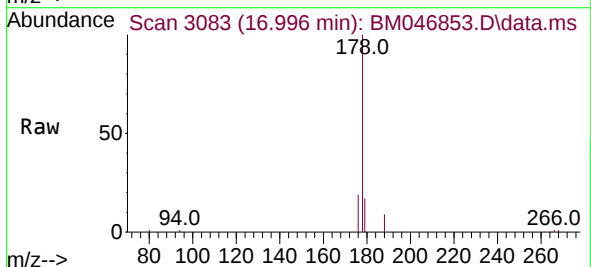
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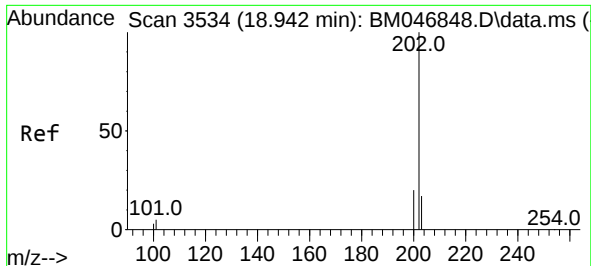
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#16
Anthracene
Concen: 0.355 ng/u1
RT: 16.996 min Scan# 3083
Delta R.T. -0.010 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

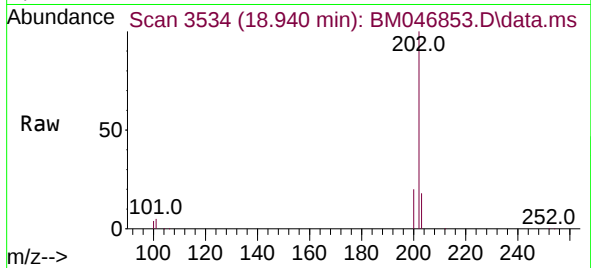
Tgt Ion:178 Resp: 16233
Ion Ratio Lower Upper
178 100
179 16.5 13.1 19.7
176 19.2 15.0 22.6





#19
Fluoranthene
Concen: 2.519 ng/u1
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

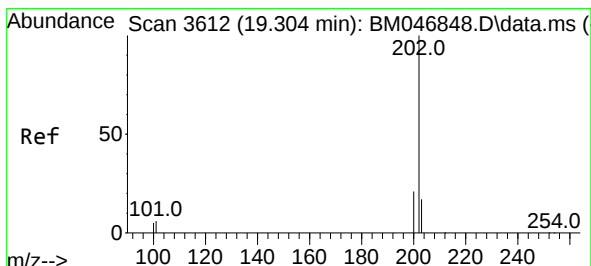
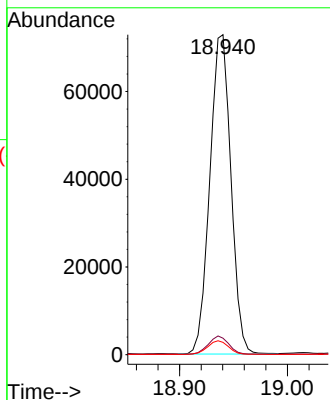
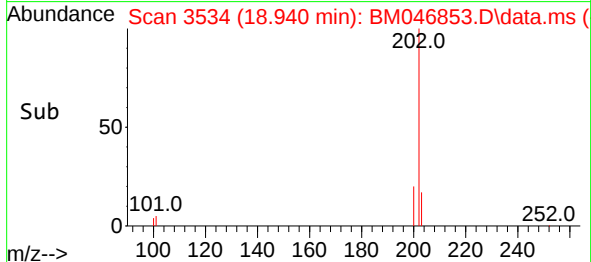
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:202 Resp: 99327
Ion Ratio Lower Upper
202 100
101 5.1 4.7 7.1
100 3.9 3.4 5.2

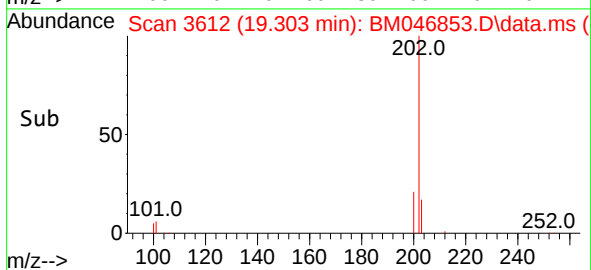
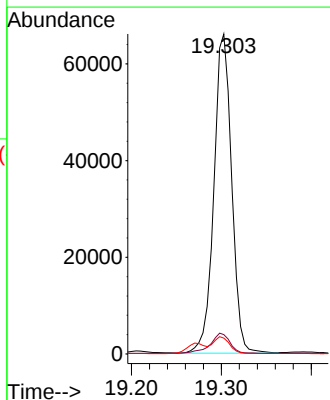
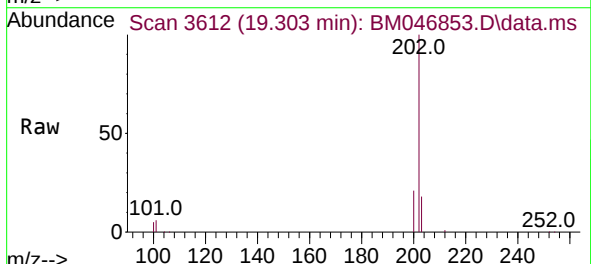
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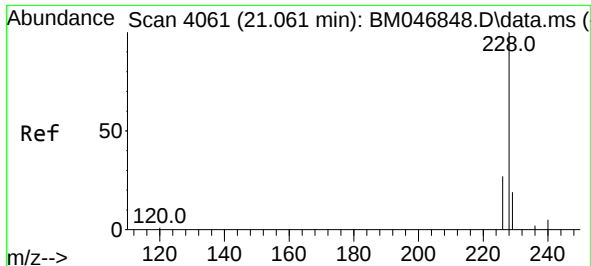
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 2.215 ng/u1
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

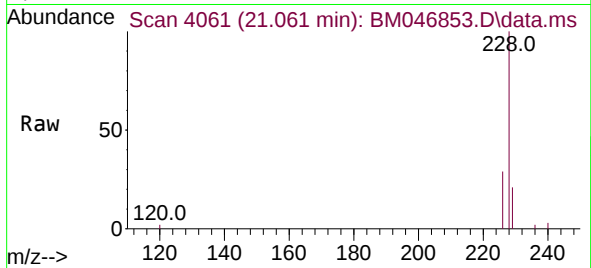
Tgt Ion:202 Resp: 90351
Ion Ratio Lower Upper
202 100
101 6.1 5.2 7.8
100 4.9 4.3 6.5





#21
Benzo(a)anthracene
Concen: 0.940 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.003 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

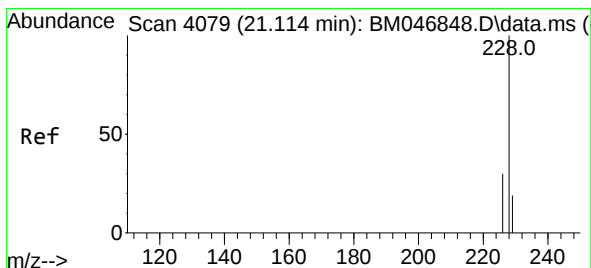
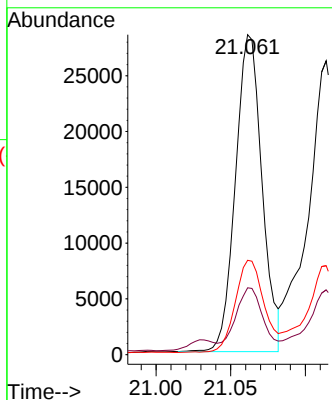
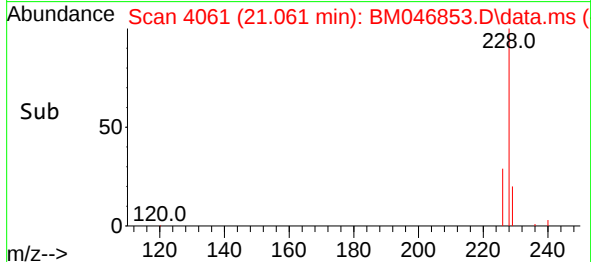
Instrument :
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A4CL5DL



Tgt Ion:228 Resp: 3518
Ion Ratio Lower Upper
228 100
229 20.9 16.3 24.5
226 29.5 22.3 33.5

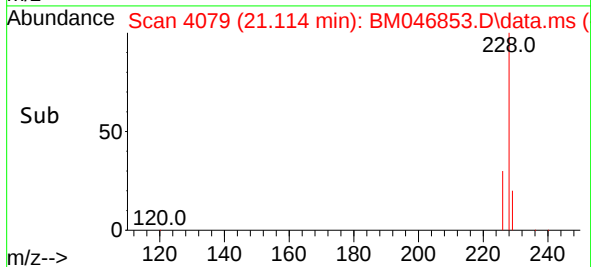
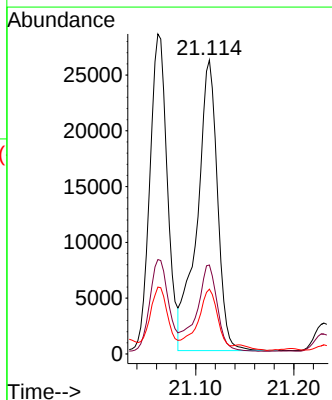
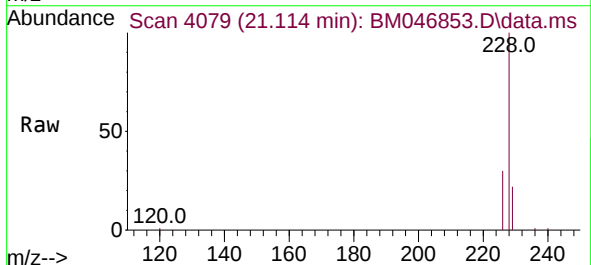
Manual Integrations
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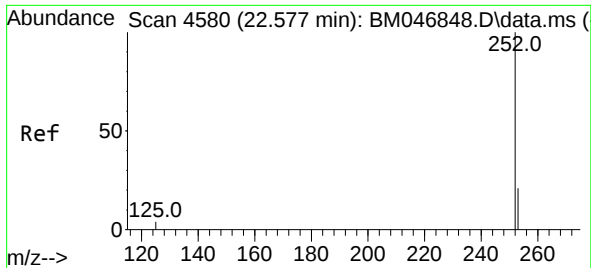
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 0.987 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.003 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

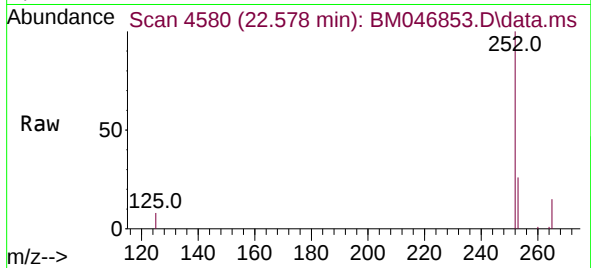
Tgt Ion:228 Resp: 37530
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.082 ng/ul m
RT: 22.578 min Scan# 4580
Delta R.T. -0.003 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

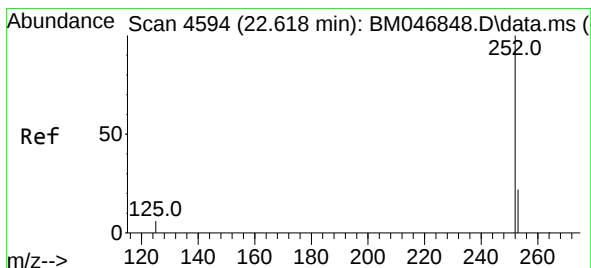
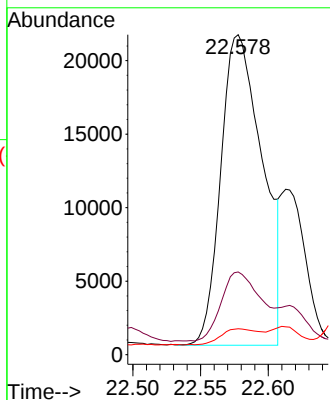
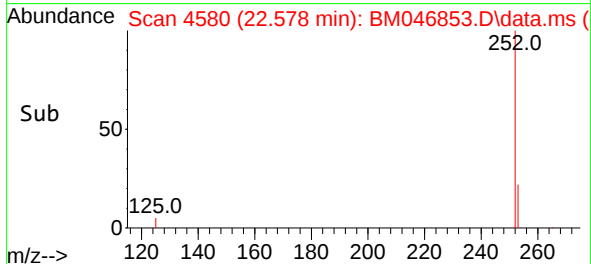
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



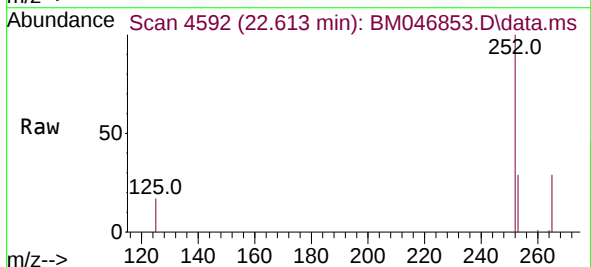
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Ion Ratio Lower Upper
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253 25.8 0.0 56.4
125 8.1 0.0 15.8

Manual Integrations
APPROVED

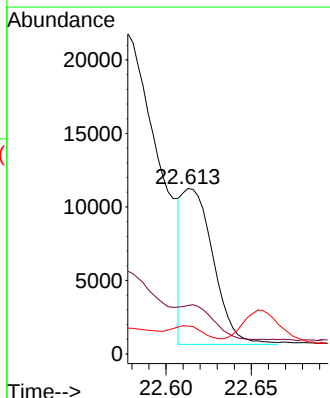
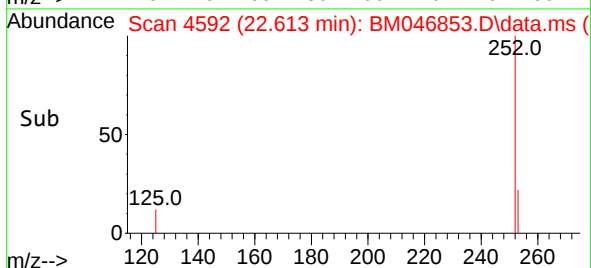
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

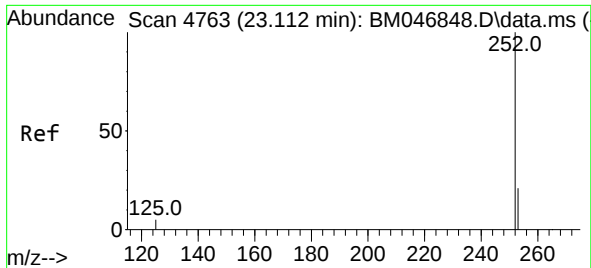


#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.613 min Scan# 4592
Delta R.T. -0.008 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33



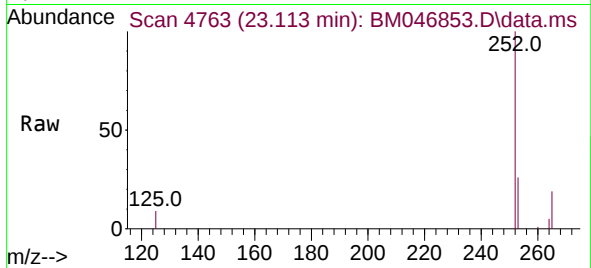
Tgt Ion:252 Resp: 13549
Ion Ratio Lower Upper
252 100
253 29.3 23.5 35.3
125 16.9 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.995 ng/ul m
RT: 23.113 min Scan# 4763
Delta R.T. -0.006 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

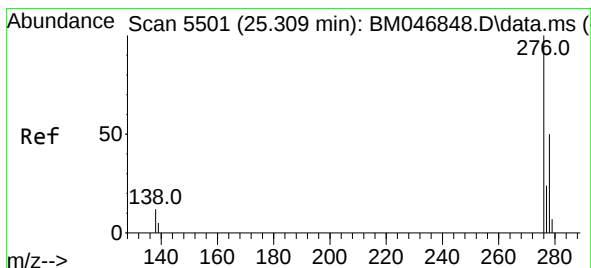
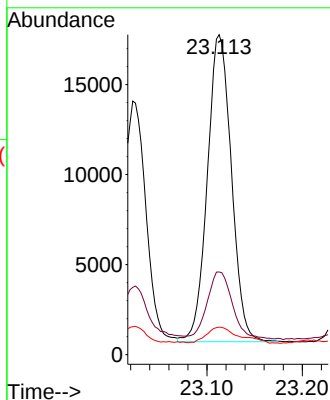
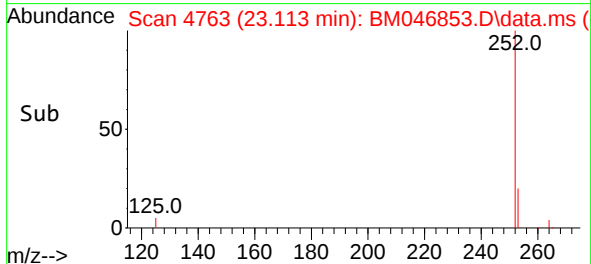
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:252 Resp: 29930
Ion Ratio Lower Upper
252 100
253 25.9 26.0 39.0
125 8.6 7.8 11.8

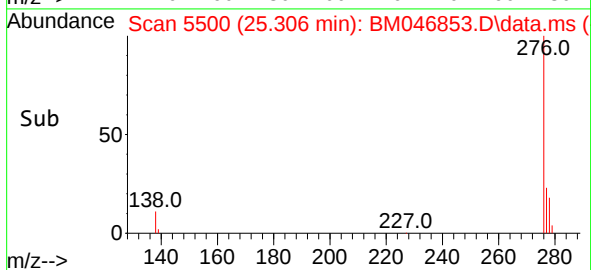
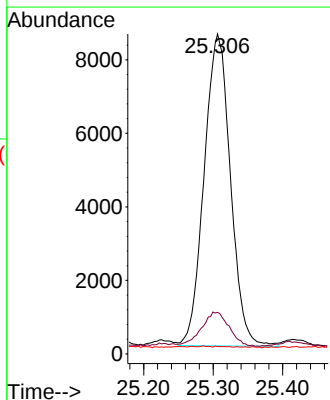
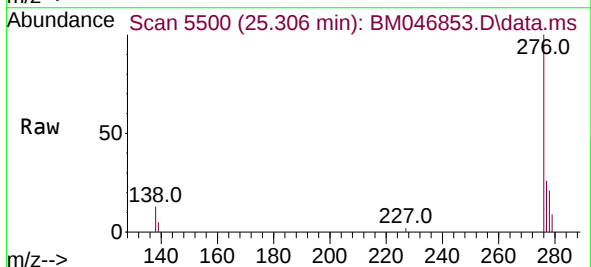
Manual Integrations
APPROVED

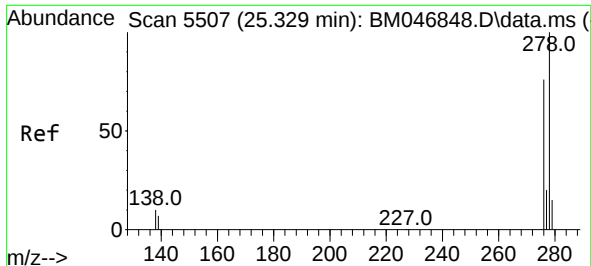
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.482 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

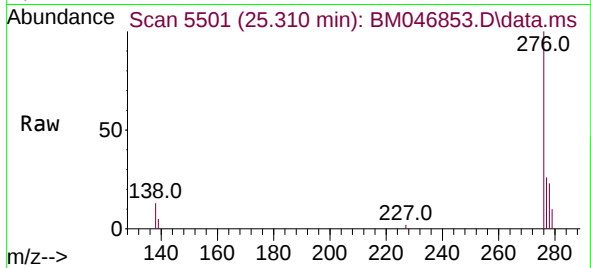
Tgt Ion:276 Resp: 22297
Ion Ratio Lower Upper
276 100
138 11.5 9.7 14.5
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 25.310 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

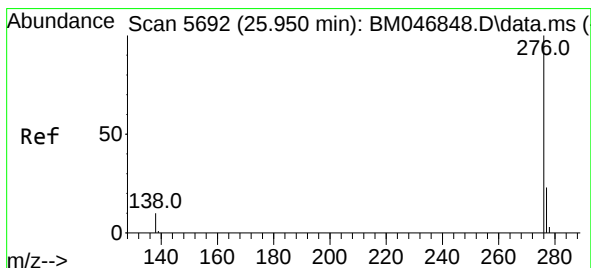
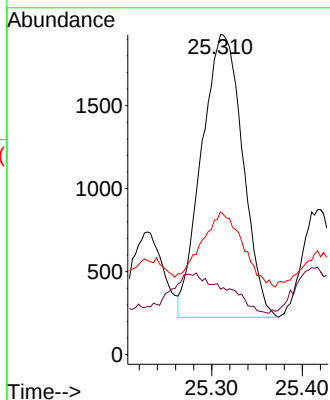
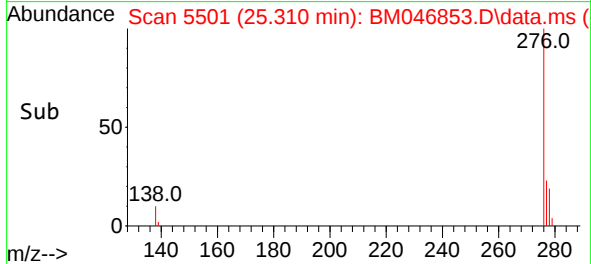
Instrument :
BNA_M
ClientSampleId :
A4CL5DL



Tgt Ion:278 Resp: 536
Ion Ratio Lower Upper
278 100
139 20.5 9.8 14.8
279 44.6 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: 0.563 ng/ul
RT: 25.947 min Scan# 5691
Delta R.T. -0.006 min
Lab File: BM046853.D
Acq: 27 Jul 2024 05:33

Tgt Ion:276 Resp: 22944
Ion Ratio Lower Upper
276 100
138 13.0 9.5 14.3
277 25.7 20.9 31.3

