

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046312.D
 Acq On : 26 Jun 2024 04:15
 Operator : MA/JU
 Sample : P2909-05
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B84

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 05:20:43 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 : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	1832	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.161	136	5615	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.044	164	3337	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.787	188	7975m	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	5801m	0.400	ng/ul	-0.03
23) Perylene-d12	23.080	264	7540	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.017	96	9312	3.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	2243	0.298	ng/ul	-0.05
18) Fluoranthene-d10	18.821	212	6099	0.351	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.211	128	7889	0.504	ng/ul	97
7) 2-Methylnaphthalene	11.860	142	3529	0.400	ng/ul	96
8) 1-Methylnaphthalene	12.075	142	3411	0.353	ng/ul	100
10) Acenaphthylene	13.757	152	7604	0.480	ng/ul	98
11) Acenaphthene	14.104	153	22381	1.959	ng/ul	98
12) Fluorene	15.099	166	29234	2.384	ng/ul	99
15) Phenanthrene	16.825	178	552427m	24.655	ng/ul	
16) Anthracene	16.922	178	111792m	6.699	ng/ul	
19) Fluoranthene	18.854	202	862486	34.338	ng/ul#	94
20) Pyrene	19.216	202	542910	19.987	ng/ul	95
21) Benzo(a)anthracene	20.974	228	344741	15.385	ng/ul	99
22) Chrysene	21.026	228	326827	11.429	ng/ul	99
24) Benzo(b)fluoranthene	22.466	252	423467m	15.589	ng/ul	
25) Benzo(k)fluoranthene	22.502	252	162176m	5.022	ng/ul	
26) Benzo(a)pyrene	22.990	252	154973m	6.157	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.118	276	139259	3.380	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.118	278	54775	1.786	ng/ul	92
29) Benzo(g,h,i)perylene	25.739	276	19619	0.555	ng/ul	97

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

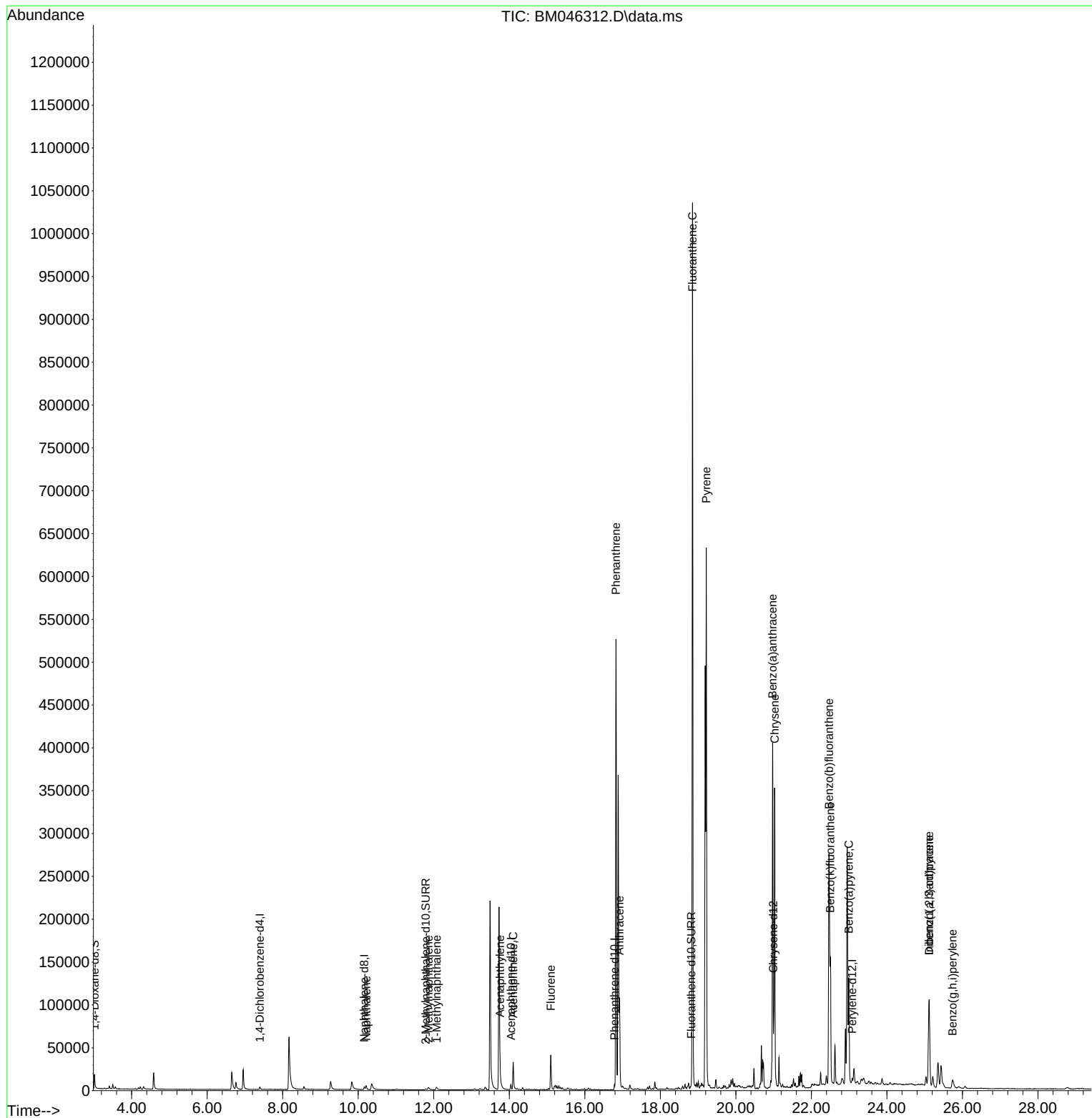
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046312.D
Acq On : 26 Jun 2024 04:15
Operator : MA/JU
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ALS Vial : 73 Sample Multiplier: 1

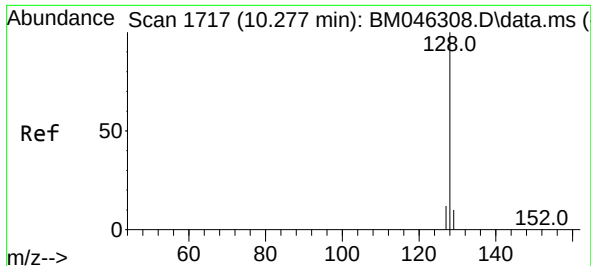
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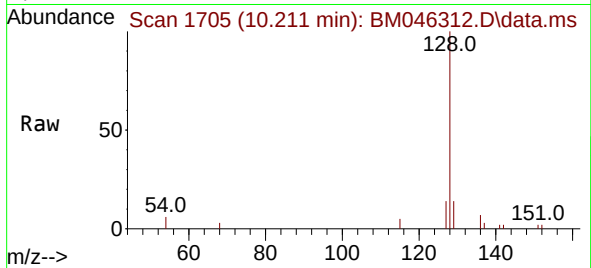
Quant Time: Jun 26 05:20:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
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#5
Naphthalene
Concen: 0.504 ng/ul
RT: 10.211 min Scan# 1717
Delta R.T. -0.066 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

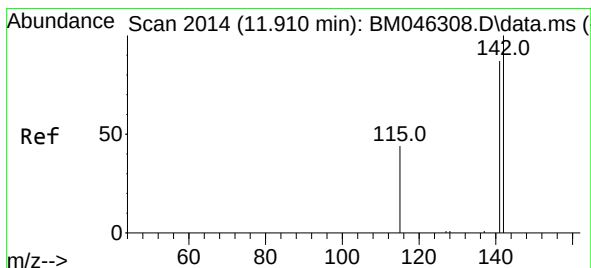
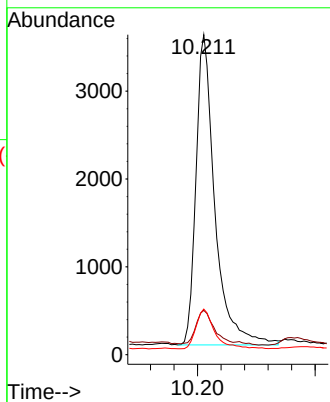
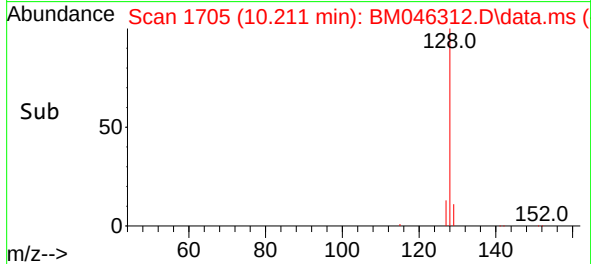
Instrument :
BNA_M
ClientSampleId :
A4B84



Tgt Ion:128 Resp: 7889
Ion Ratio Lower Upper
128 100
129 13.9 11.8 17.6
127 14.3 12.8 19.2

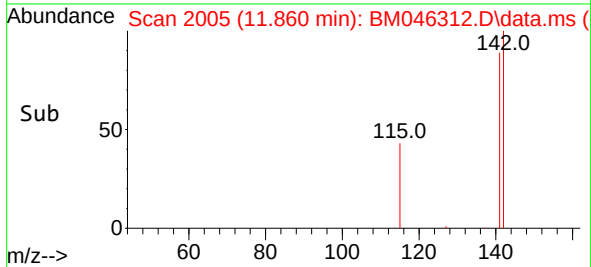
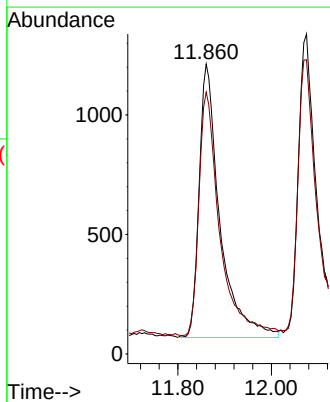
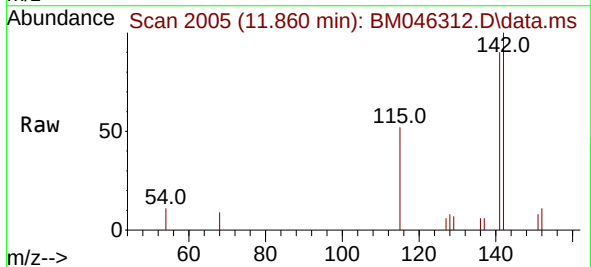
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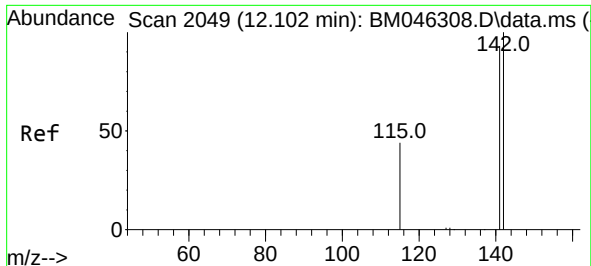
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 11.860 min Scan# 2005
Delta R.T. -0.049 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

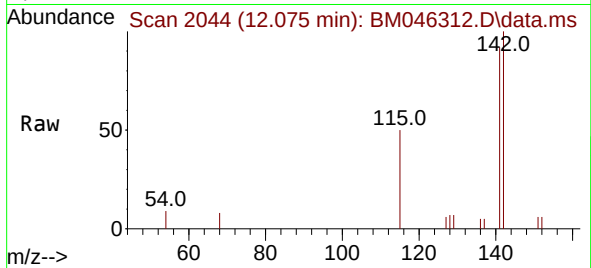
Tgt Ion:142 Resp: 3529
Ion Ratio Lower Upper
142 100
141 89.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.075 min Scan# 2049
Delta R.T. -0.027 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

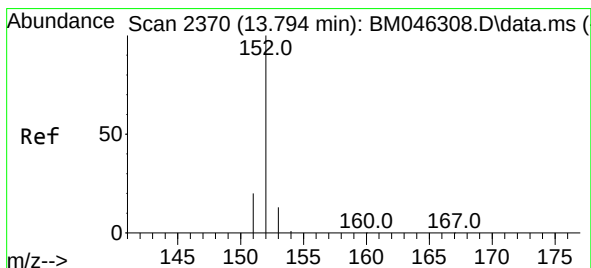
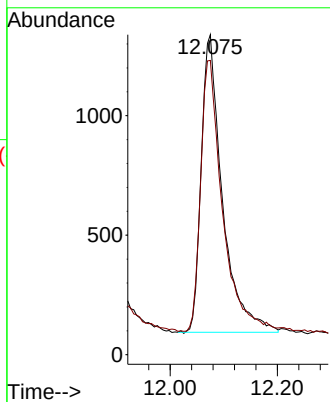
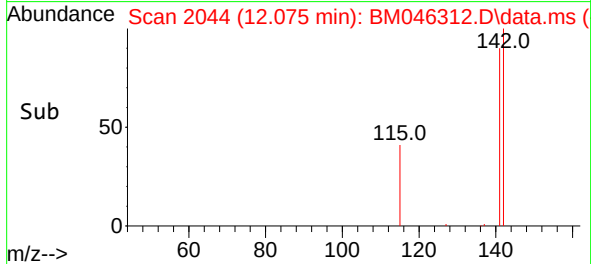
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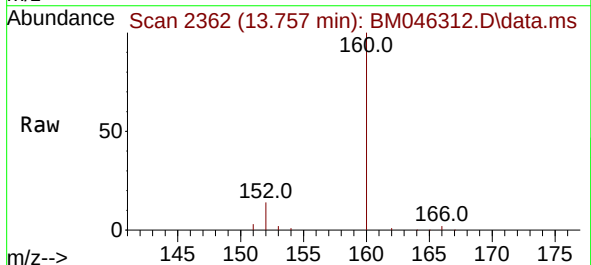
Tgt Ion:142 Resp: 341
Ion Ratio Lower Upper
142 100
141 93.6 75.2 112.8

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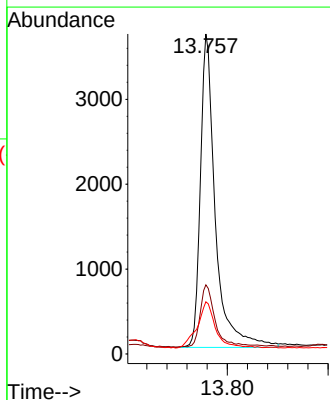
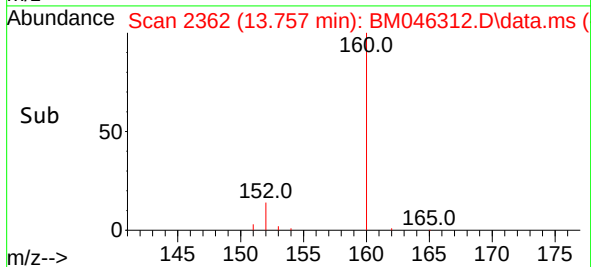
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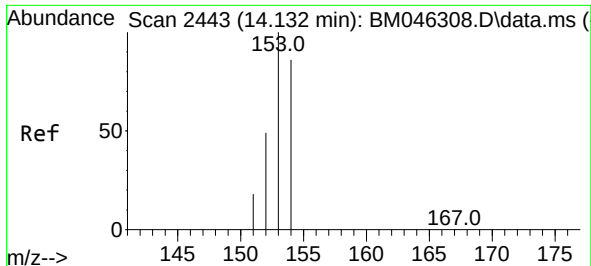


#10
Acenaphthylene
Concen: 0.480 ng/ul
RT: 13.757 min Scan# 2362
Delta R.T. -0.037 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15



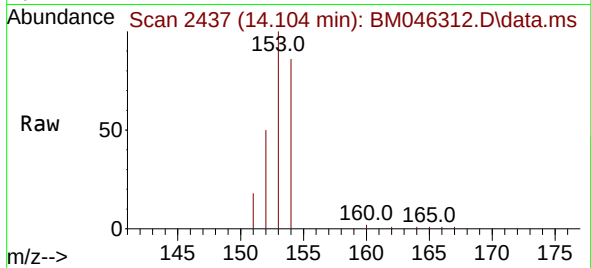
Tgt Ion:152 Resp: 7604
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 16.3 11.8 17.8





#11
Acenaphthene
Concen: 1.959 ng/ul
RT: 14.104 min Scan# 2443
Delta R.T. -0.028 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

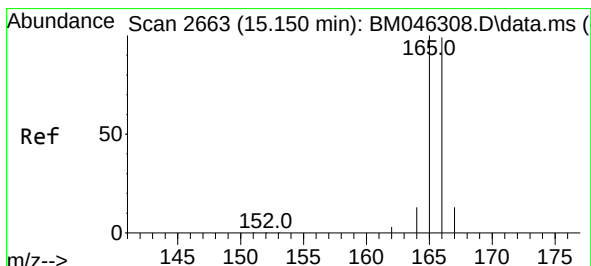
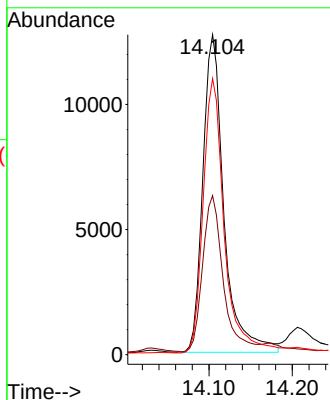
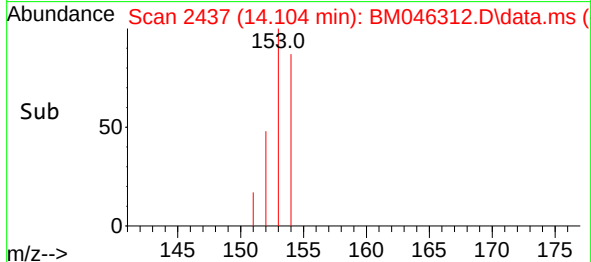
Instrument :
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ClientSampleId :
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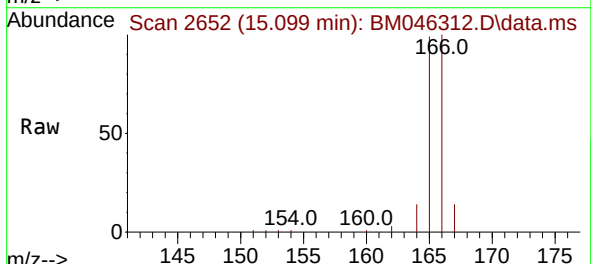
Tgt Ion:153 Resp: 2238
Ion Ratio Lower Upper
153 100
152 49.7 41.3 61.9
154 86.3 68.2 102.4

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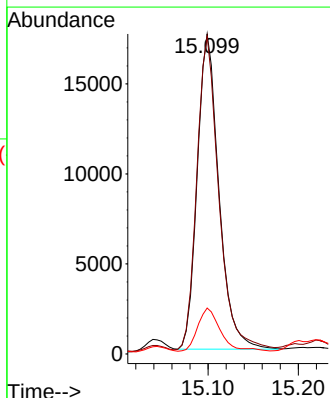
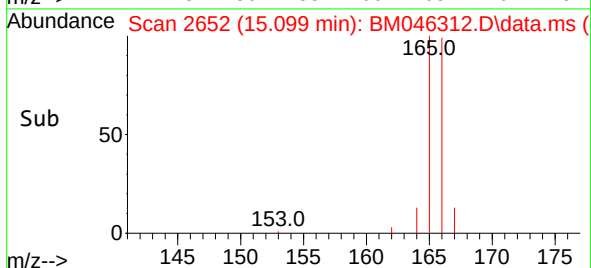
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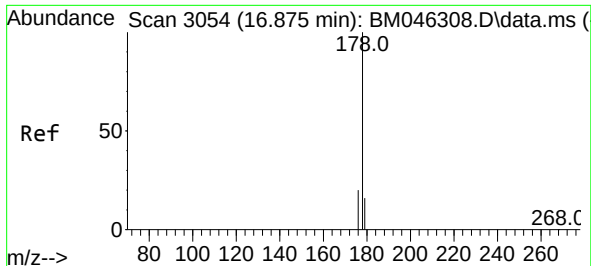


#12
Fluorene
Concen: 2.384 ng/ul
RT: 15.099 min Scan# 2652
Delta R.T. -0.051 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15



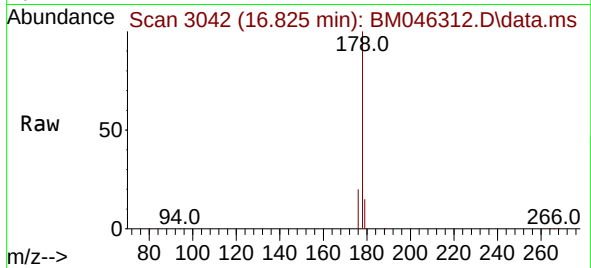
Tgt Ion:166 Resp: 29234
Ion Ratio Lower Upper
166 100
165 99.3 80.4 120.6
167 14.4 12.4 18.6





#15
Phenanthrene
Concen: 24.655 ng/ul m
RT: 16.825 min Scan# 3042
Delta R.T. -0.051 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

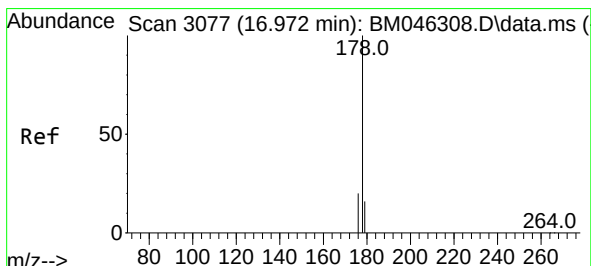
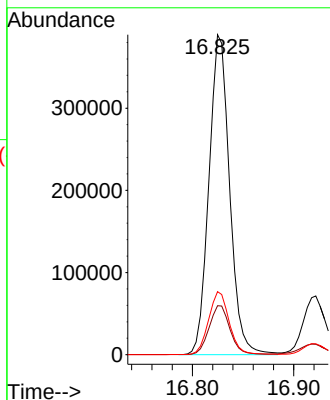
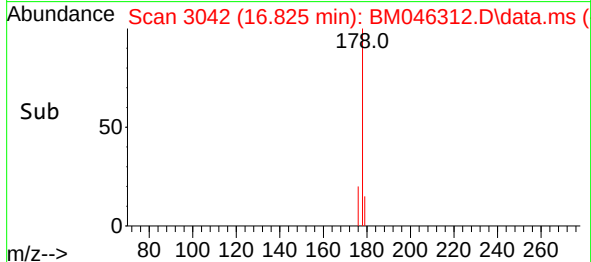
Instrument :
BNA_M
ClientSampleId :
A4B84



Tgt Ion:178 Resp: 55242
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.7 17.1 25.7

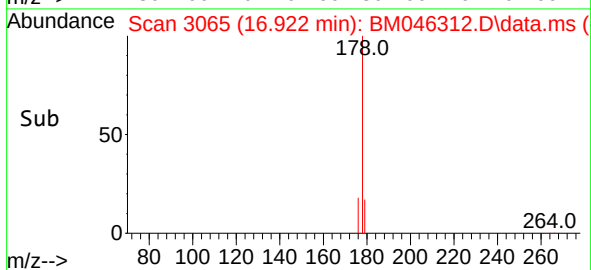
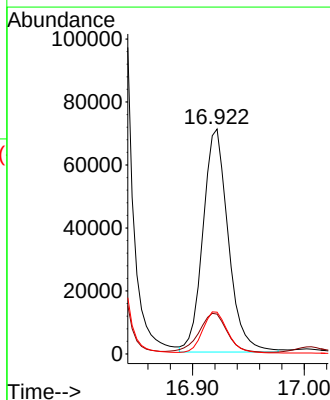
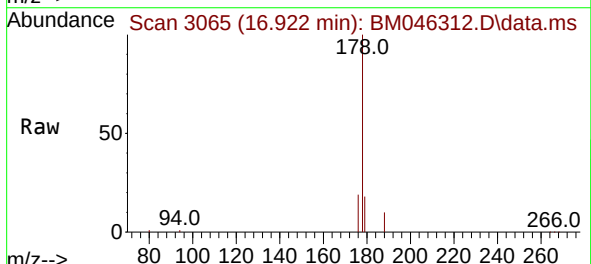
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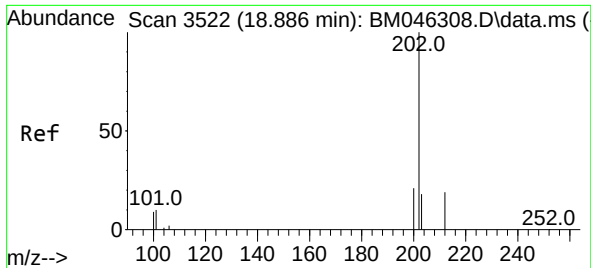
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#16
Anthracene
Concen: 6.699 ng/ul m
RT: 16.922 min Scan# 3065
Delta R.T. -0.051 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

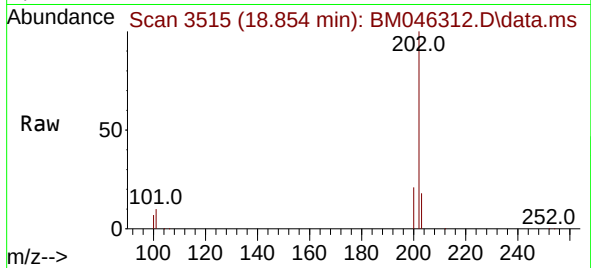
Tgt Ion:178 Resp: 111792
Ion Ratio Lower Upper
178 100
179 17.7 14.9 22.3
176 18.6 17.0 25.4





#19
Fluoranthene
Concen: 34.338 ng/ul
RT: 18.854 min Scan# 3515
Delta R.T. -0.032 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

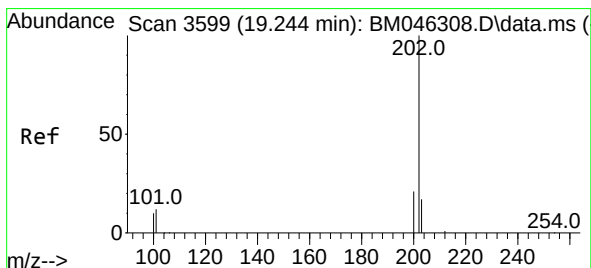
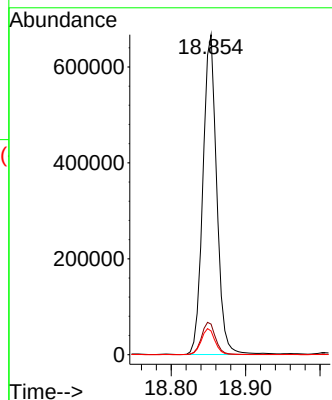
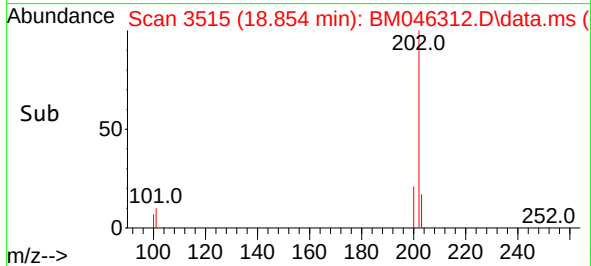
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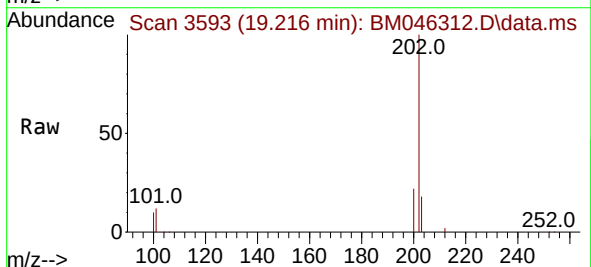
Tgt Ion:202 Resp: 862480
Ion Ratio Lower Upper
202 100
101 9.6 9.6 14.4
100 7.4 7.6 11.4

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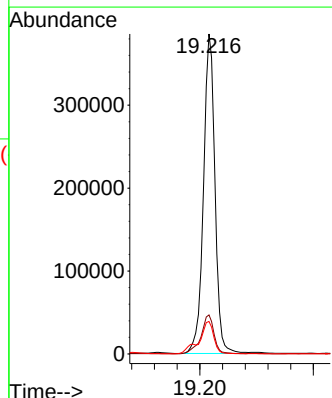
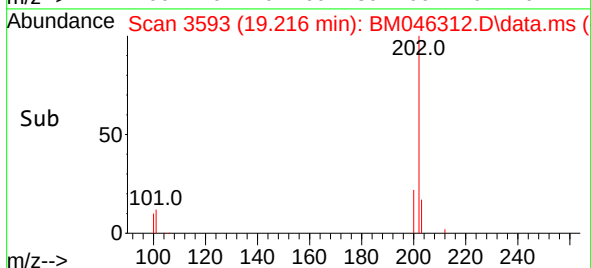
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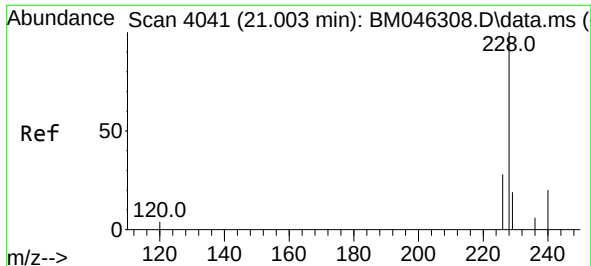


#20
Pyrene
Concen: 19.987 ng/ul
RT: 19.216 min Scan# 3593
Delta R.T. -0.028 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15



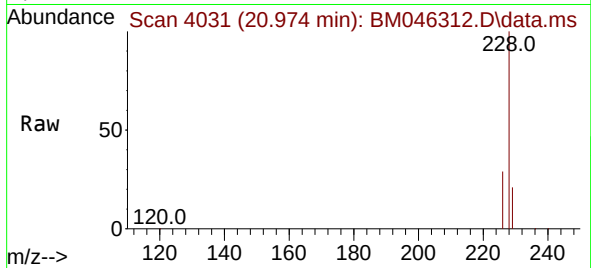
Tgt Ion:202 Resp: 542910
Ion Ratio Lower Upper
202 100
101 12.2 11.3 16.9
100 10.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 15.385 ng/ul
RT: 20.974 min Scan# 4041
Delta R.T. -0.029 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

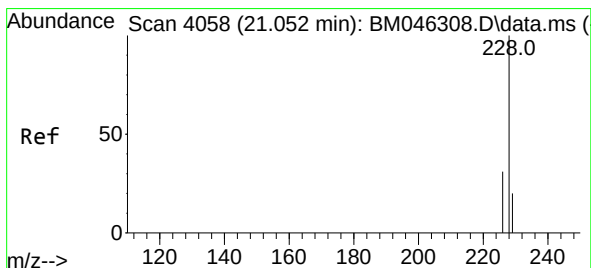
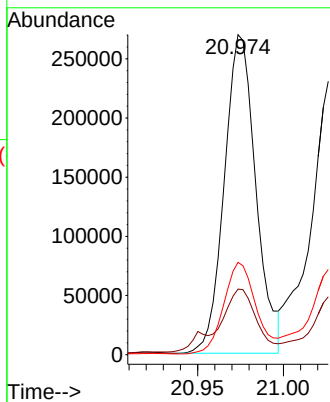
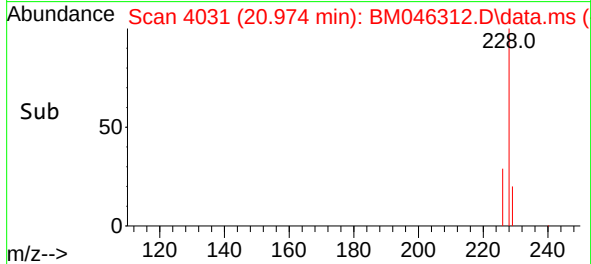
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ClientSampleId :
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Tgt Ion:228 Resp: 34474
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.8 23.4 35.2

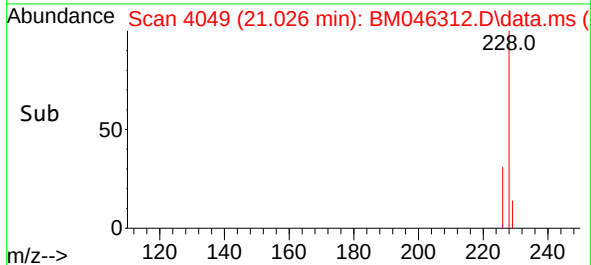
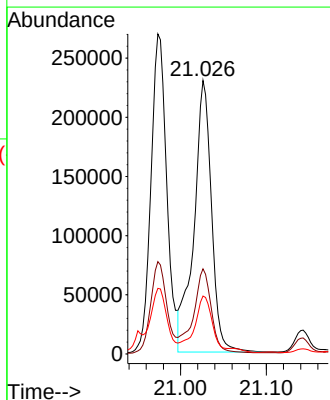
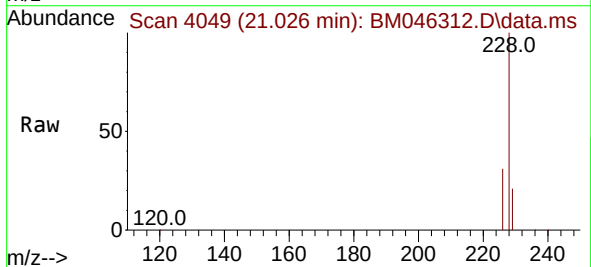
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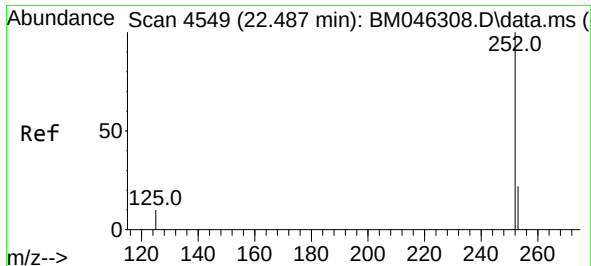
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 11.429 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.026 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

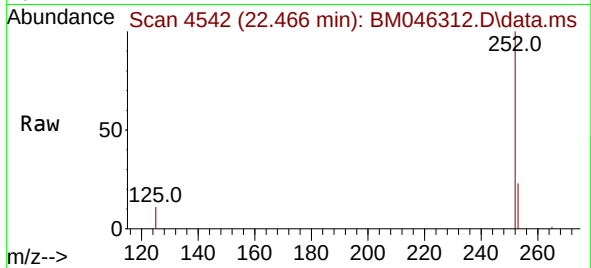
Tgt Ion:228 Resp: 326827
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.2 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 15.589 ng/ul m
RT: 22.466 min Scan# 4542
Delta R.T. -0.020 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

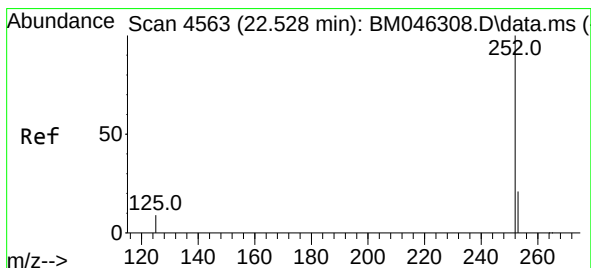
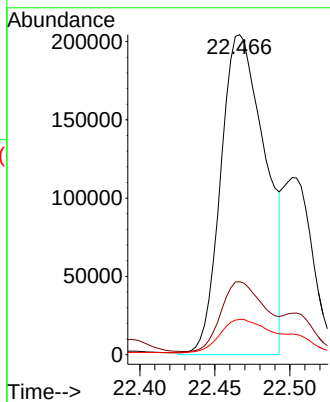
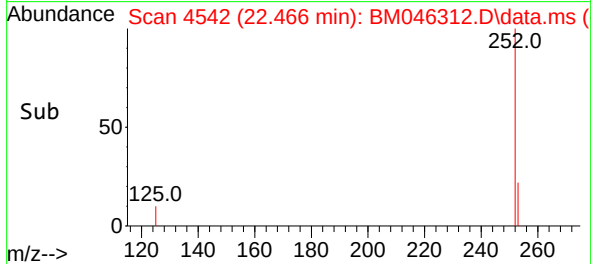
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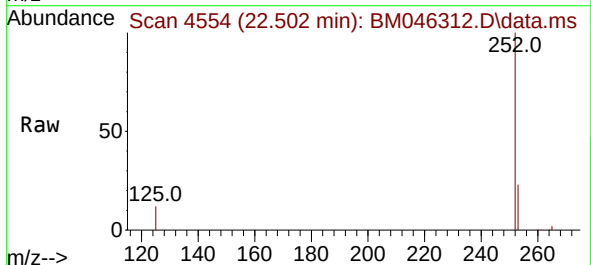
Tgt Ion:252 Resp: 42346
Ion Ratio Lower Upper
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125 11.0 0.0 40.2

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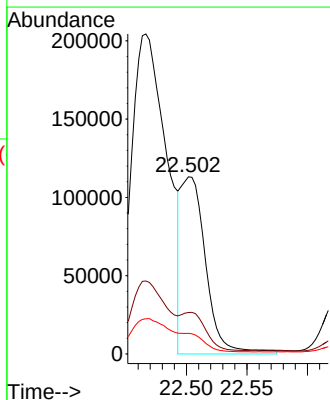
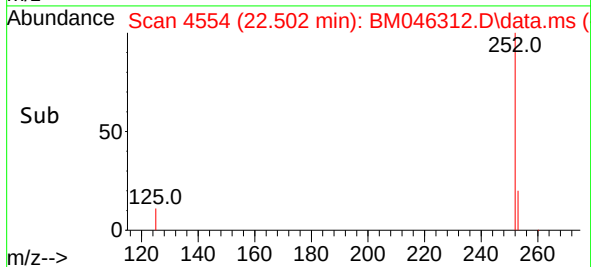
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

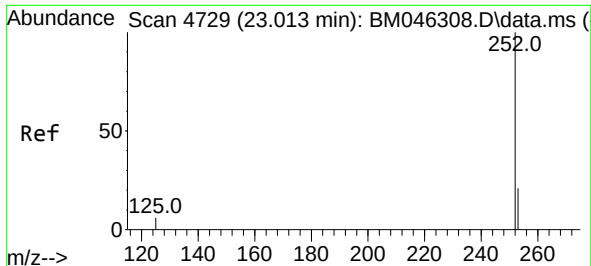


#25
Benzo(k)fluoranthene
Concen: 5.022 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.026 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15



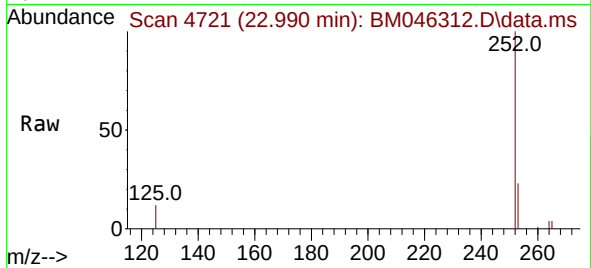
Tgt Ion:252 Resp: 162176
Ion Ratio Lower Upper
252 100
253 23.4 27.2 40.8#
125 11.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 6.157 ng/ul m
RT: 22.990 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

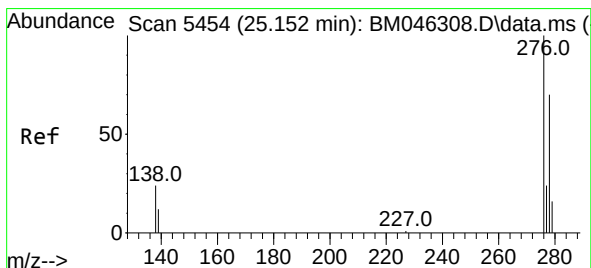
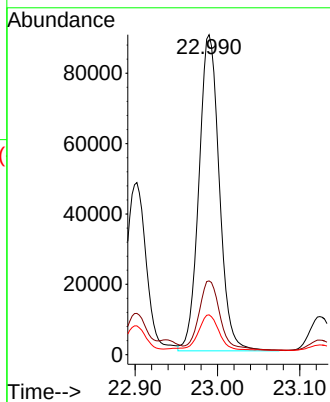
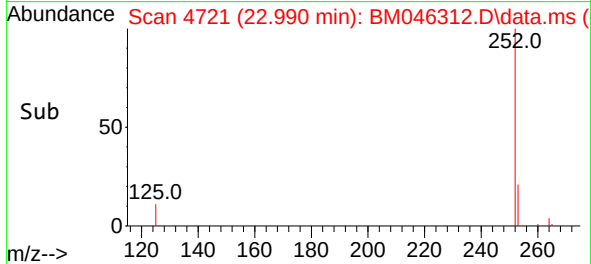
Instrument :
BNA_M
ClientSampleId :
A4B84



Tgt Ion:252 Resp: 15497
Ion Ratio Lower Upper
252 100
253 23.0 32.1 48.1
125 12.4 21.2 31.8

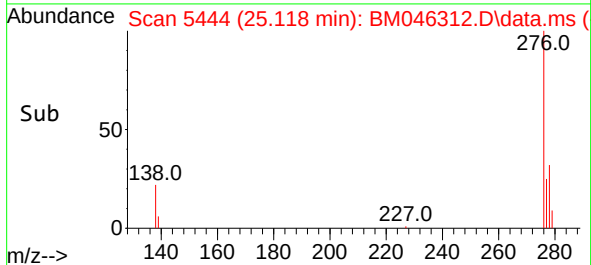
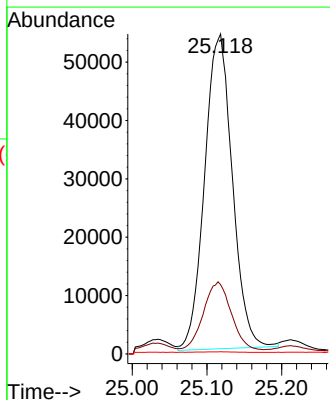
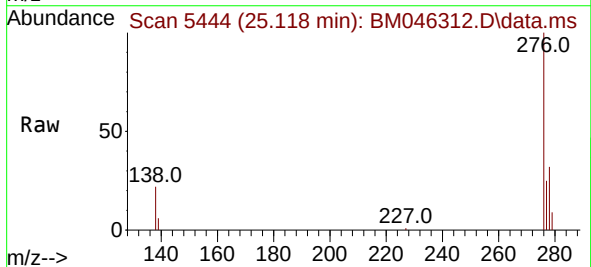
Manual Integrations
APPROVED

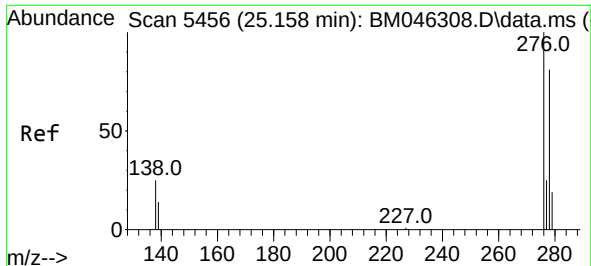
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.380 ng/ul
RT: 25.118 min Scan# 5444
Delta R.T. -0.033 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

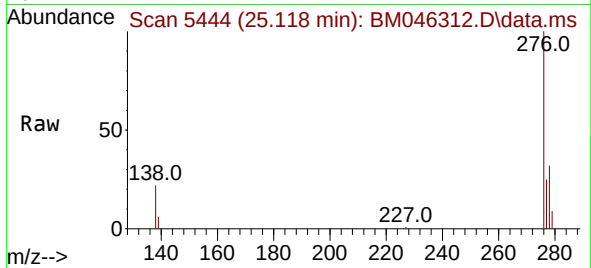
Tgt Ion:276 Resp: 139259
Ion Ratio Lower Upper
276 100
138 23.9 21.0 31.4
227 4.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.786 ng/ul
RT: 25.118 min Scan# 5456
Delta R.T. -0.040 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15

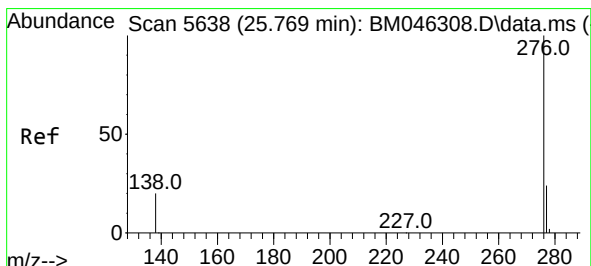
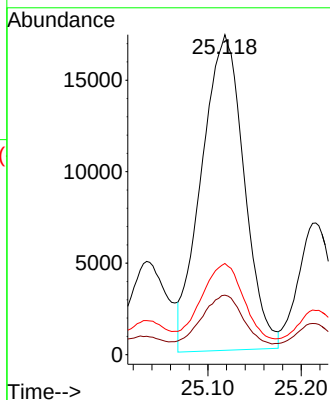
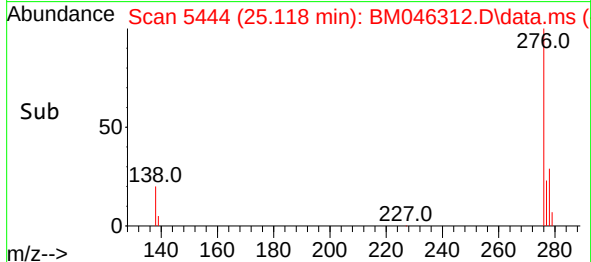
Instrument :
BNA_M
ClientSampleId :
A4B84



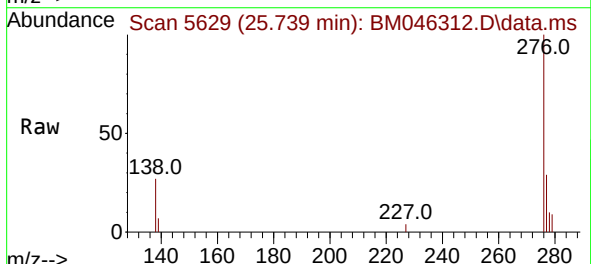
Tgt Ion:278 Resp: 54775
Ion Ratio Lower Upper
278 100
139 18.6 17.6 26.4
279 28.5 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.555 ng/ul
RT: 25.739 min Scan# 5629
Delta R.T. -0.030 min
Lab File: BM046312.D
Acq: 26 Jun 2024 04:15



Tgt Ion:276 Resp: 19619
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 28.6 20.4 30.6

