

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046315.D
 Acq On : 26 Jun 2024 06:04
 Operator : MA/JU
 Sample : P2909-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B85

Manual Integrations
 APPROVED

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

Quant Time: Jun 26 06:35:06 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	7.396	152	2370	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.167	136	7105	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.044	164	4067	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.791	188	8558m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	6790m	0.400	ng/ul	-0.02
23) Perylene-d12	23.083	264	6867m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	7638	2.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.794	152	1948	0.204	ng/ul	-0.05
18) Fluoranthene-d10	18.826	212	4606	0.226	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.211	128	1782	0.090	ng/ul#	87
7) 2-Methylnaphthalene	11.866	142	976	0.088	ng/ul	100
8) 1-Methylnaphthalene	12.080	142	983	0.080	ng/ul	98
10) Acenaphthylene	13.762	152	1746	0.091	ng/ul#	84
11) Acenaphthene	14.104	153	4137	0.297	ng/ul	98
12) Fluorene	15.099	166	5087	0.340	ng/ul	99
15) Phenanthrene	16.829	178	68013m	2.829	ng/ul	
16) Anthracene	16.922	178	18395m	1.027	ng/ul	
19) Fluoranthene	18.858	202	76721	2.610	ng/ul	95
20) Pyrene	19.221	202	62366	1.962	ng/ul	95
21) Benzo(a)anthracene	20.985	228	31100	1.186	ng/ul	99
22) Chrysene	21.035	228	26712	0.798	ng/ul	98
24) Benzo(b)fluoranthene	22.472	252	33699m	1.362	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	14291m	0.486	ng/ul	
26) Benzo(a)pyrene	22.993	252	24078	1.050	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.132	276	18564	0.495	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.132	278	3703m	0.133	ng/ul	
29) Benzo(g,h,i)perylene	25.749	276	16483	0.512	ng/ul	97

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

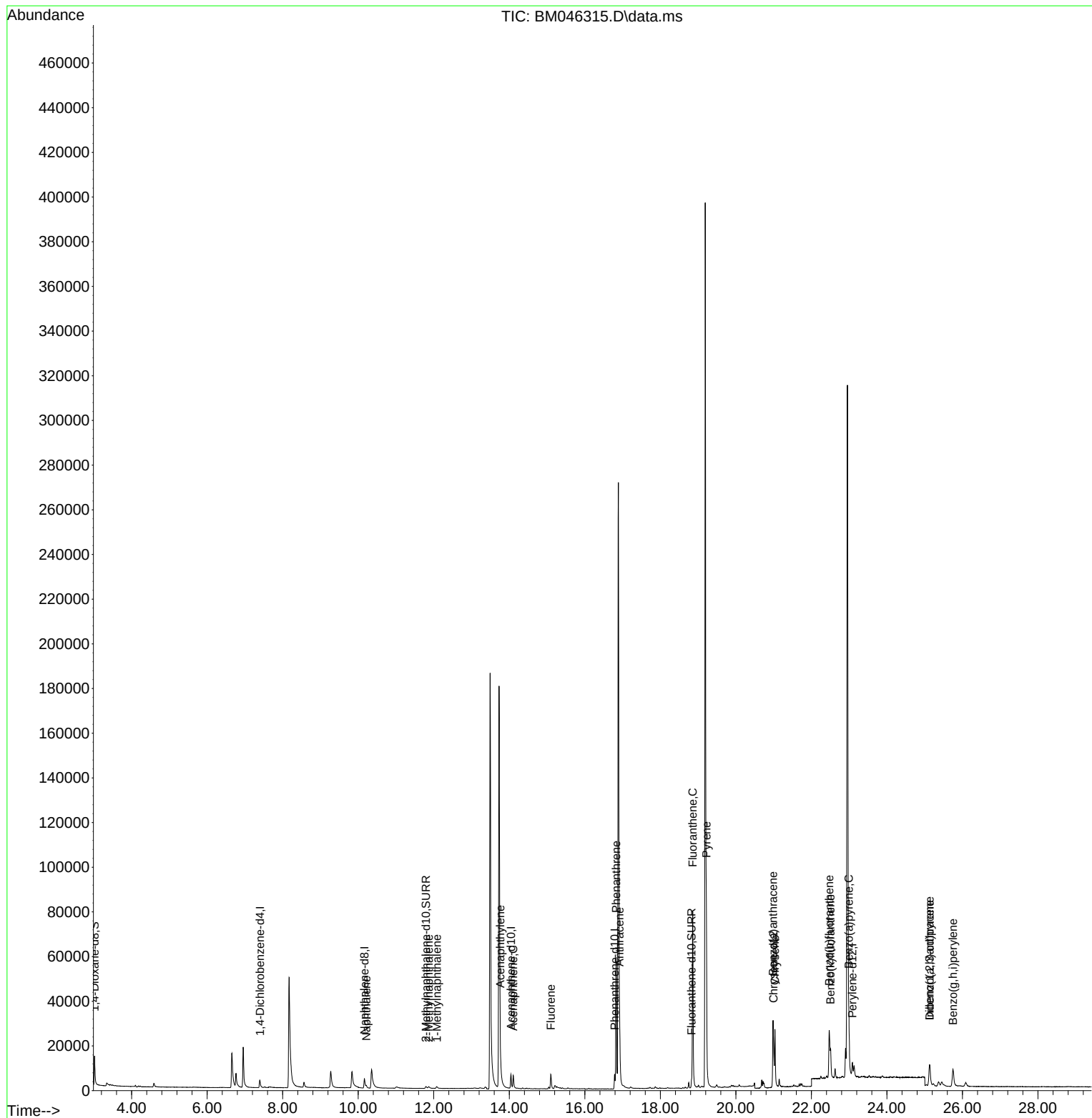
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046315.D
Acq On : 26 Jun 2024 06:04
Operator : MA/JU
Sample : P2909-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

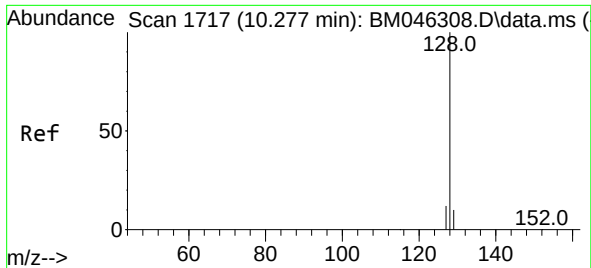
Instrument :
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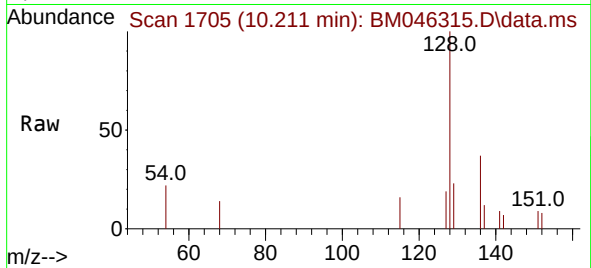
Quant Time: Jun 26 06:35:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.211 min Scan# 11
Delta R.T. -0.066 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

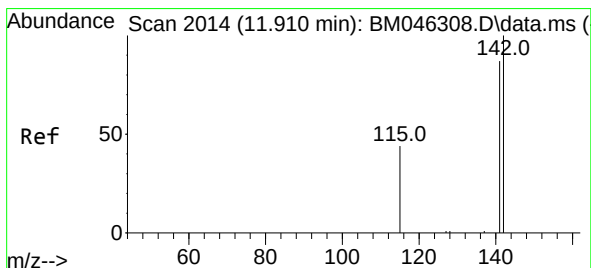
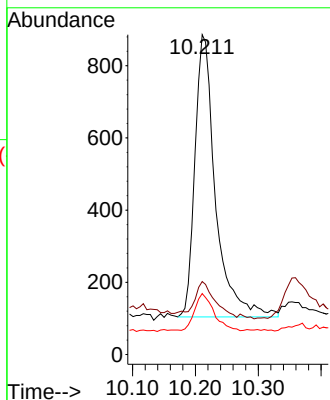
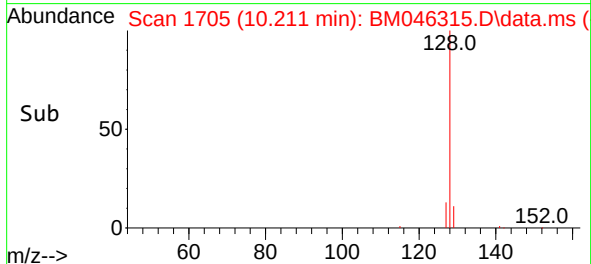
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:128 Resp: 178
Ion Ratio Lower Upper
128 100
129 22.8 11.8 17.6
127 19.1 12.8 19.2

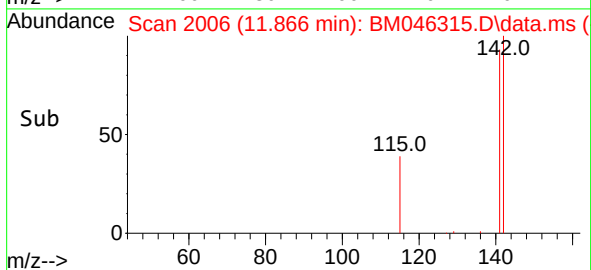
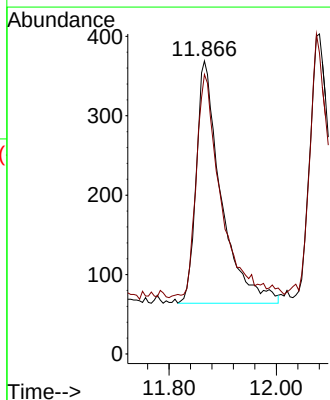
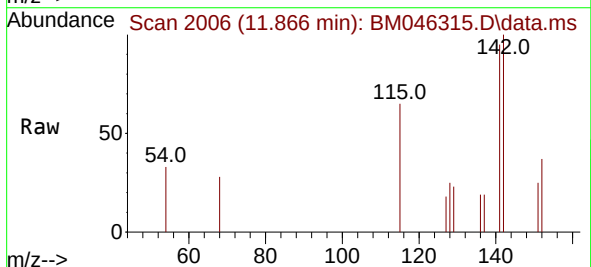
Manual Integrations
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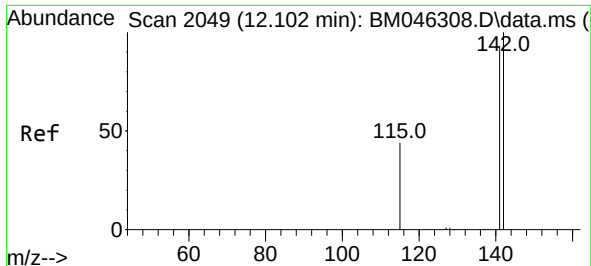
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 11.866 min Scan# 2006
Delta R.T. -0.044 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

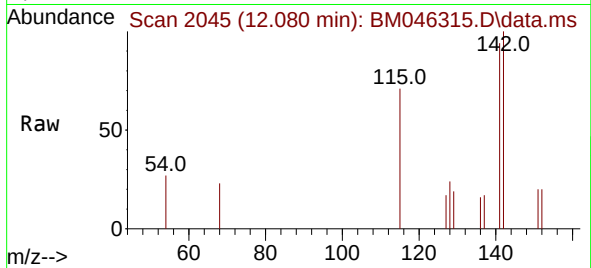
Tgt Ion:142 Resp: 976
Ion Ratio Lower Upper
142 100
141 92.9 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.080 min Scan# 2045
Delta R.T. -0.022 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

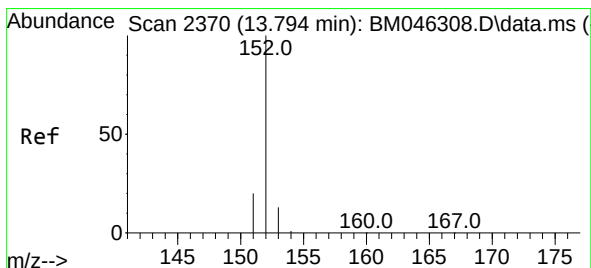
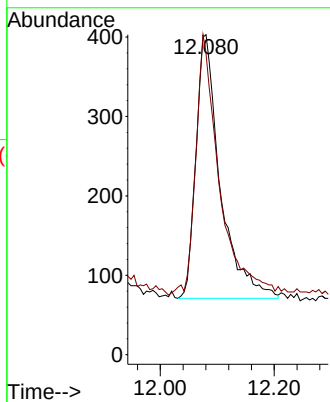
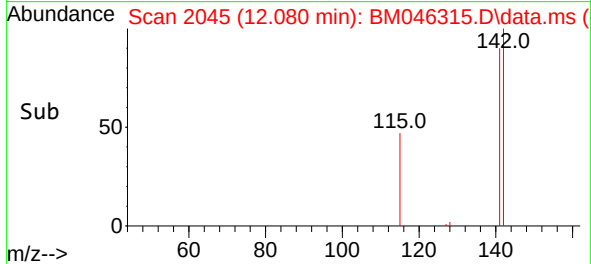
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:142 Resp: 983
Ion Ratio Lower Upper
142 100
141 96.0 75.2 112.8

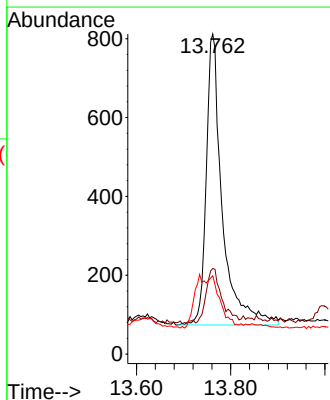
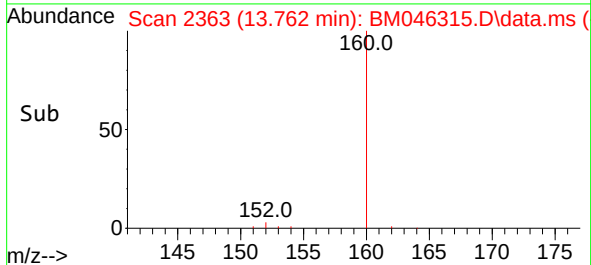
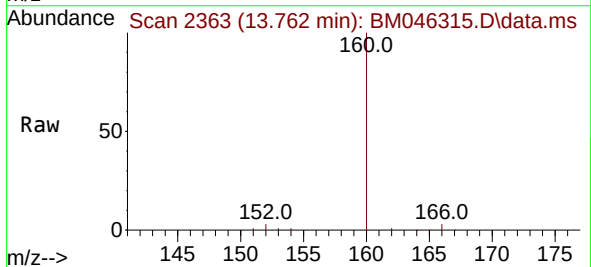
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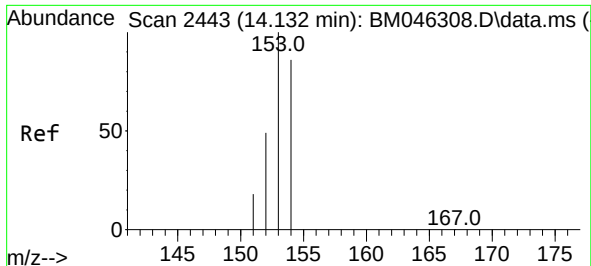
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 13.762 min Scan# 2363
Delta R.T. -0.032 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

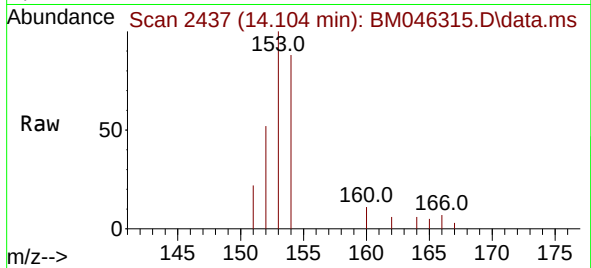
Tgt Ion:152 Resp: 1746
Ion Ratio Lower Upper
152 100
151 26.7 17.4 26.2#
153 24.5 11.8 17.8#





#11
Acenaphthene
Concen: 0.297 ng/ul
RT: 14.104 min Scan# 2443
Delta R.T. -0.028 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

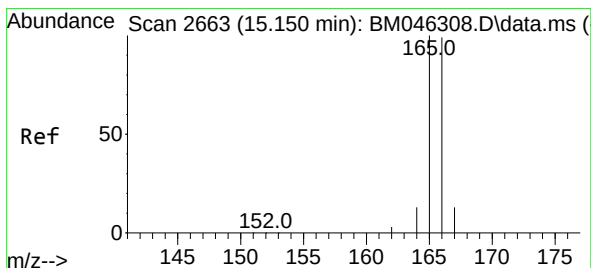
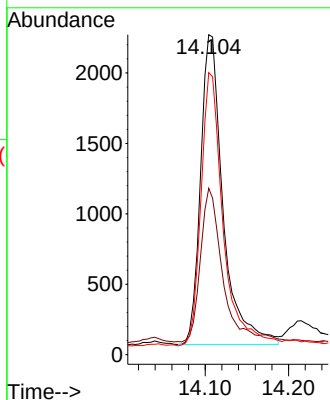
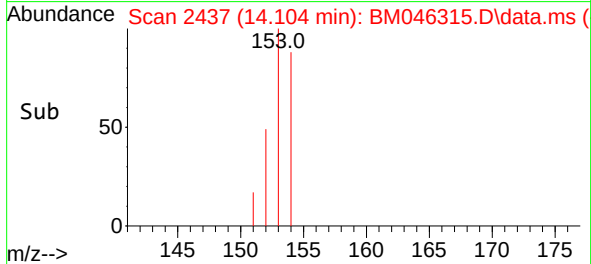
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:153 Resp: 413
Ion Ratio Lower Upper
153 100
152 52.0 41.3 61.9
154 88.2 68.2 102.4

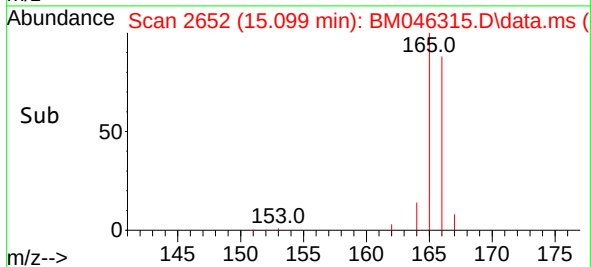
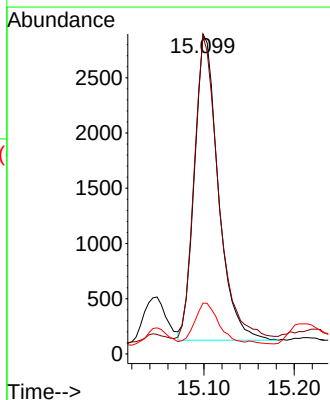
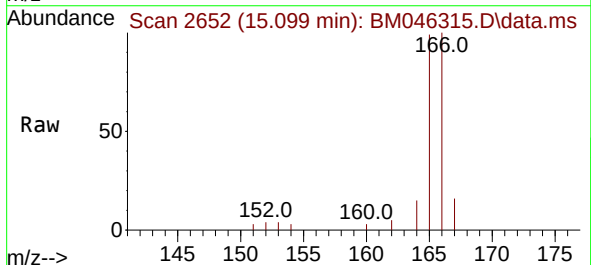
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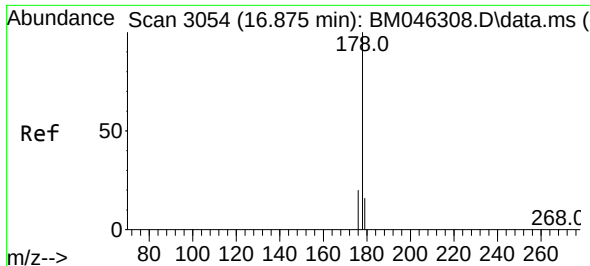
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.099 min Scan# 2652
Delta R.T. -0.051 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

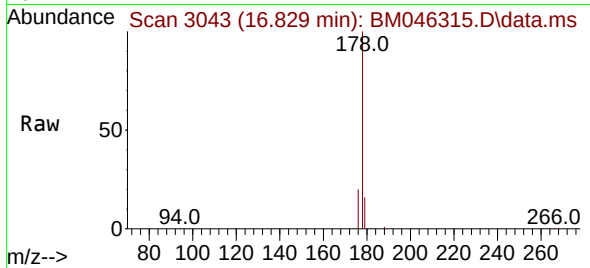
Tgt Ion:166 Resp: 5087
Ion Ratio Lower Upper
166 100
165 99.4 80.4 120.6
167 15.9 12.4 18.6





#15
Phenanthrene
Concen: 2.829 ng/ul m
RT: 16.829 min Scan# 3043
Delta R.T. -0.046 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

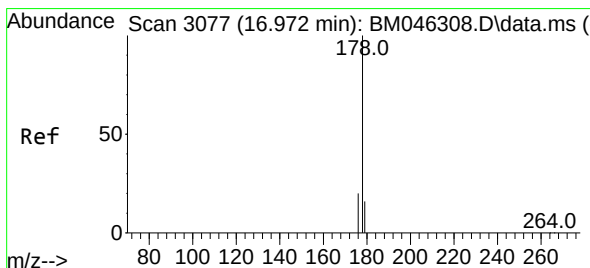
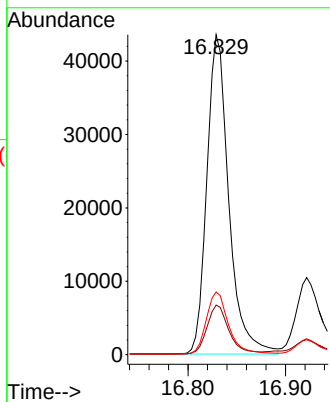
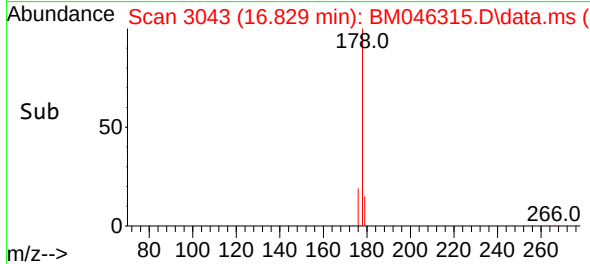
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:178 Resp: 6801
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7

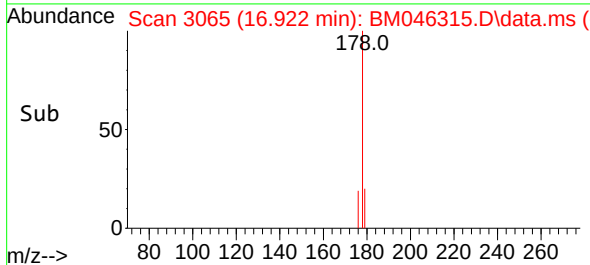
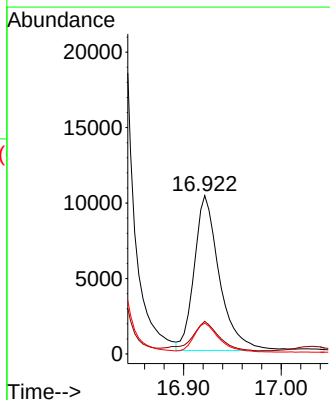
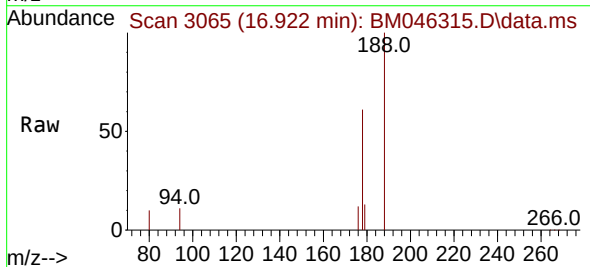
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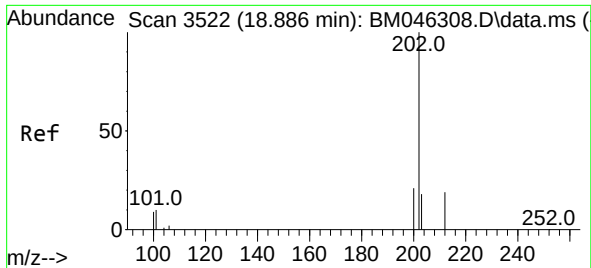
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 1.027 ng/ul m
RT: 16.922 min Scan# 3065
Delta R.T. -0.051 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

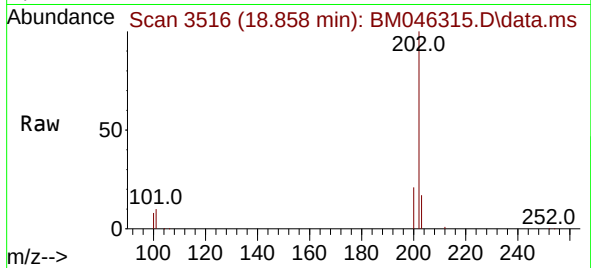
Tgt Ion:178 Resp: 18395
Ion Ratio Lower Upper
178 100
179 20.6 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 2.610 ng/ul
RT: 18.858 min Scan# 3516
Delta R.T. -0.028 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

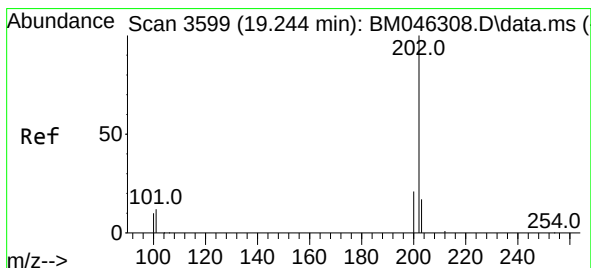
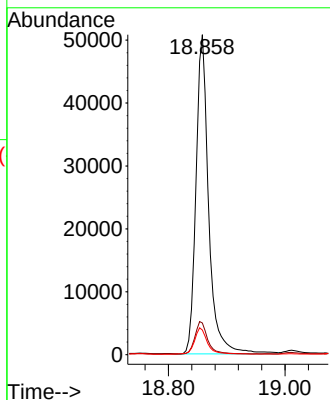
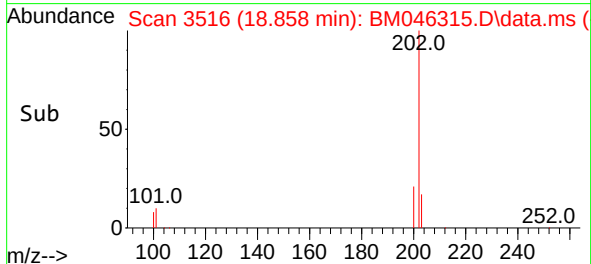
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:202 Resp: 7672
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 7.7 7.6 11.4

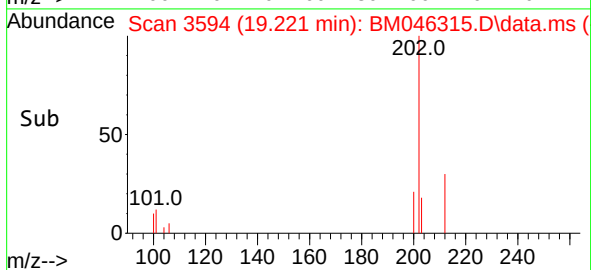
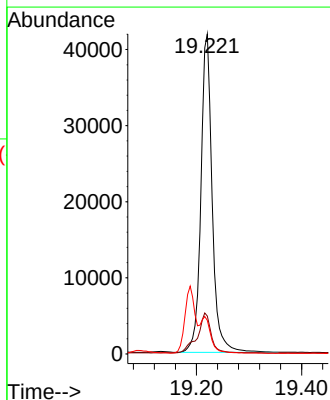
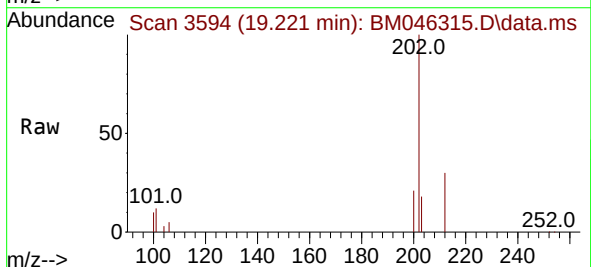
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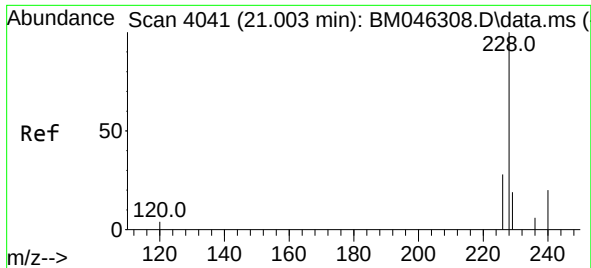
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#20
Pyrene
Concen: 1.962 ng/ul
RT: 19.221 min Scan# 3594
Delta R.T. -0.023 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

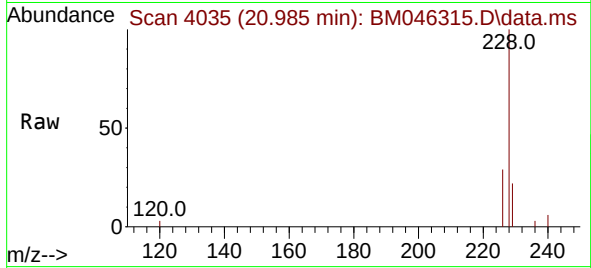
Tgt Ion:202 Resp: 62366
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.186 ng/u1
RT: 20.985 min Scan# 4041
Delta R.T. -0.017 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

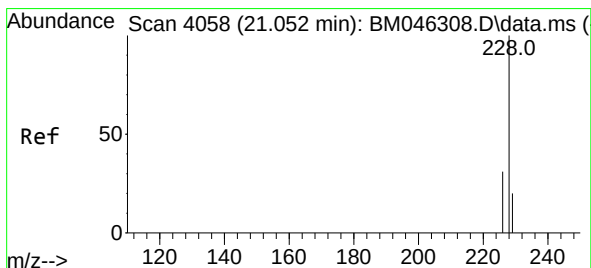
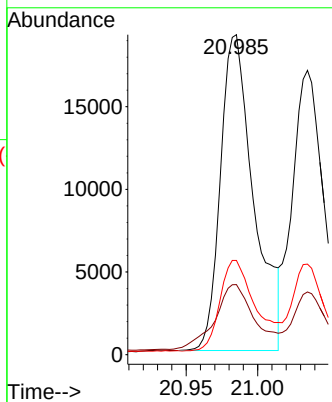
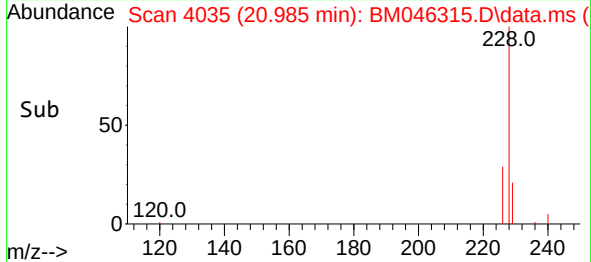
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:228 Resp: 31100
Ion Ratio Lower Upper
228 100
229 21.9 16.4 24.6
226 29.5 23.4 35.2

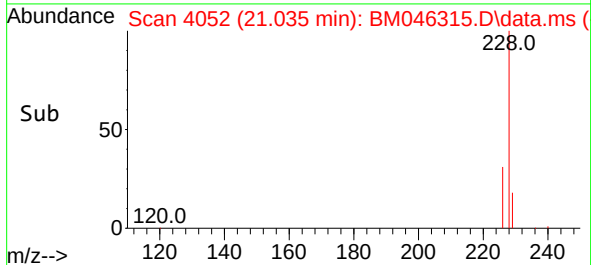
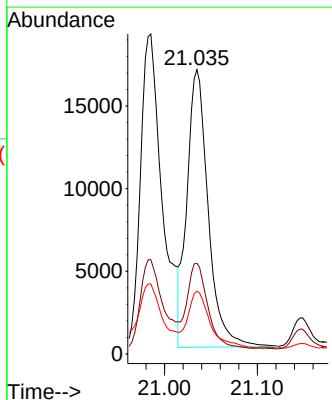
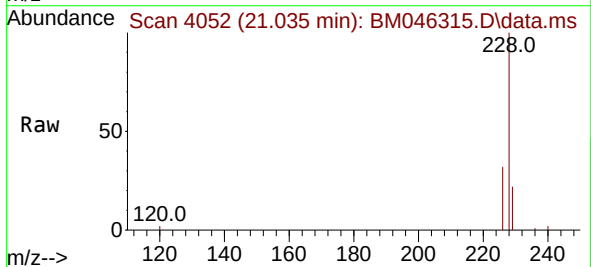
Manual Integrations
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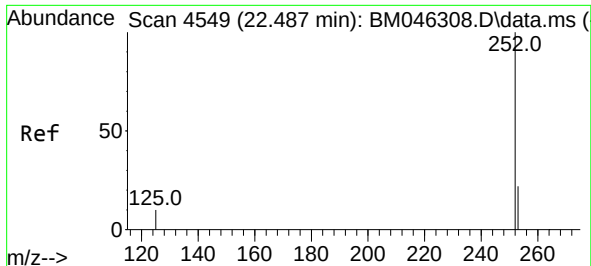
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 0.798 ng/u1
RT: 21.035 min Scan# 4052
Delta R.T. -0.017 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

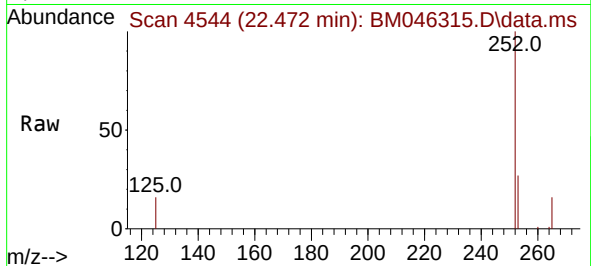
Tgt Ion:228 Resp: 26712
Ion Ratio Lower Upper
228 100
226 31.9 25.2 37.8
229 22.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.362 ng/ul m
RT: 22.472 min Scan# 4544
Delta R.T. -0.015 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

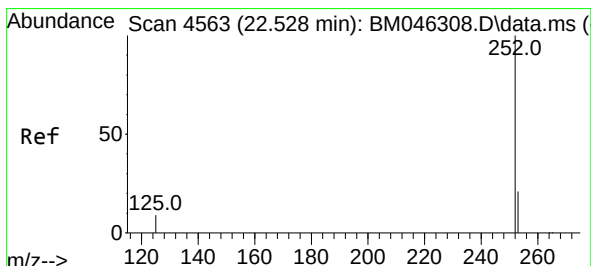
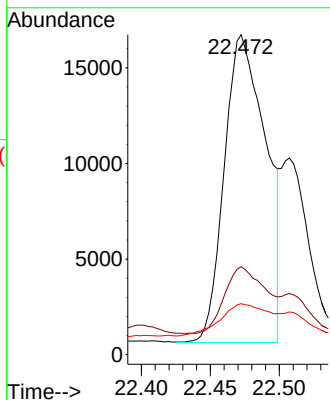
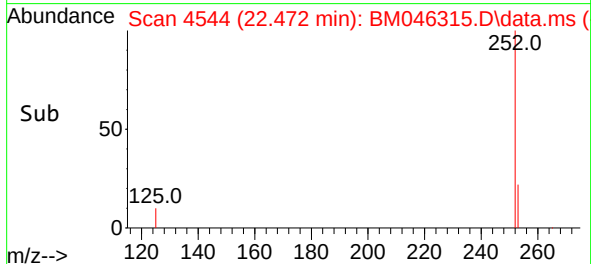
Instrument :
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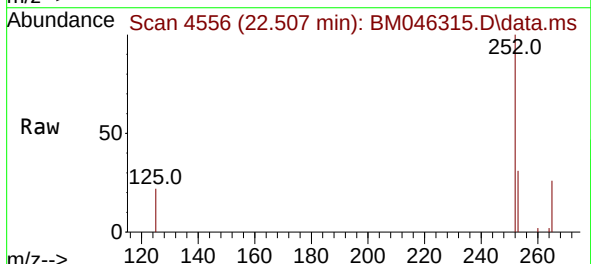
Tgt Ion:252 Resp: 3369
Ion Ratio Lower Upper
252 100
253 27.5 0.0 65.8
125 15.9 0.0 40.2

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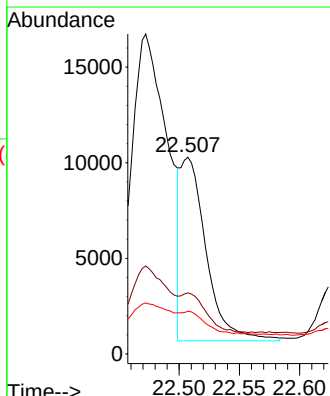
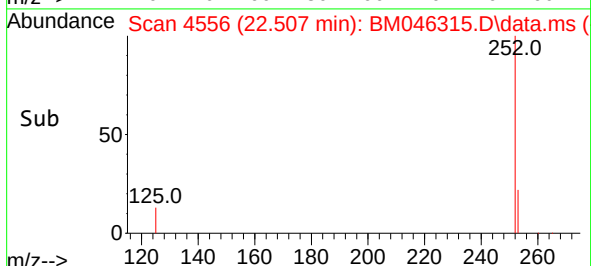
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

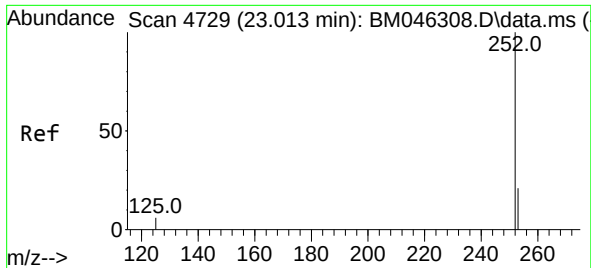


#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul m
RT: 22.507 min Scan# 4556
Delta R.T. -0.020 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04



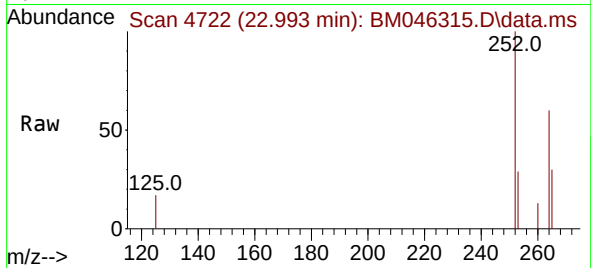
Tgt Ion:252 Resp: 14291
Ion Ratio Lower Upper
252 100
253 31.1 27.2 40.8
125 21.7 16.6 25.0





#26
Benzo(a)pyrene
Concen: 1.050 ng/ul
RT: 22.993 min Scan# 41
Delta R.T. -0.020 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

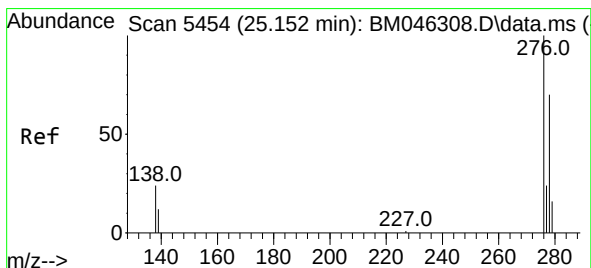
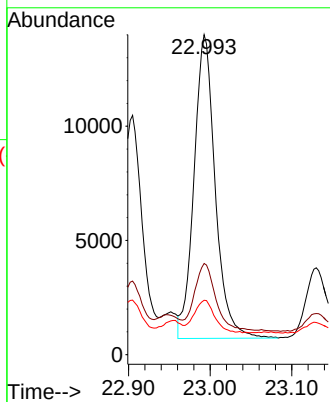
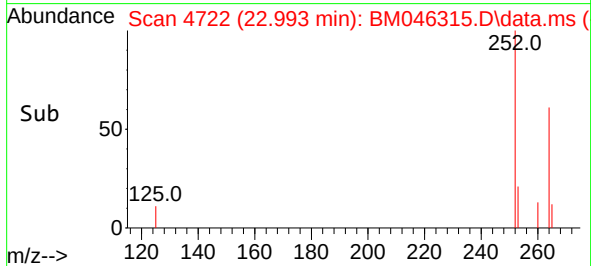
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:252 Resp: 24078
Ion Ratio Lower Upper
252 100
253 28.5 32.1 48.1
125 17.0 21.2 31.8

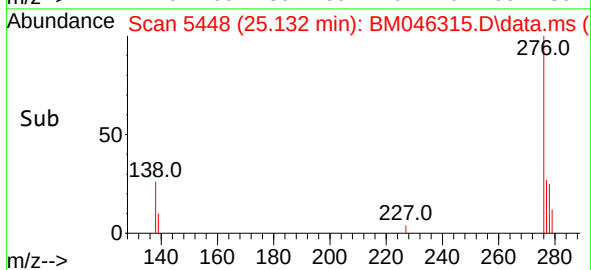
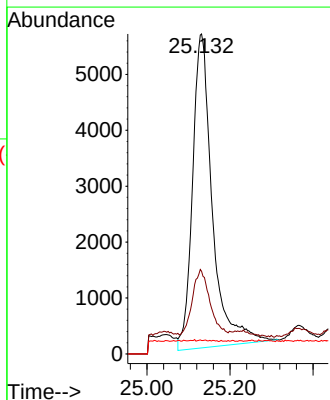
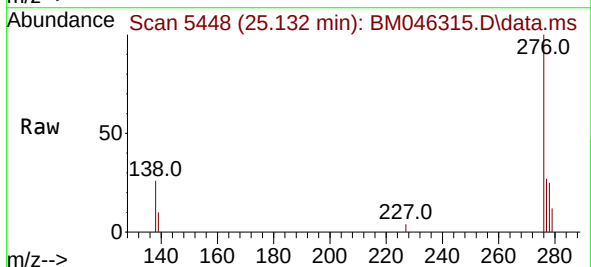
Manual Integrations
APPROVED

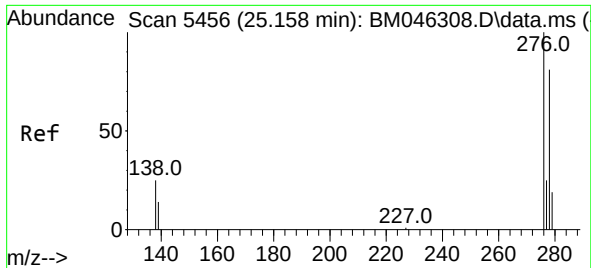
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.495 ng/ul
RT: 25.132 min Scan# 5448
Delta R.T. -0.020 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

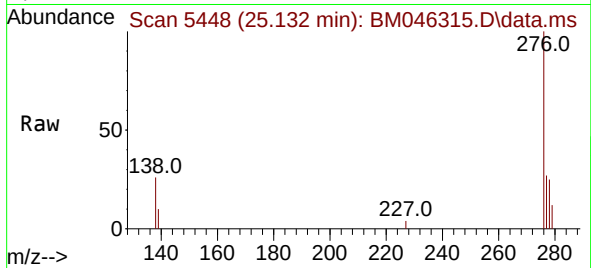
Tgt Ion:276 Resp: 18564
Ion Ratio Lower Upper
276 100
138 29.4 21.0 31.4
227 23.9 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.133 ng/ul m
RT: 25.132 min Scan# 54
Delta R.T. -0.027 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

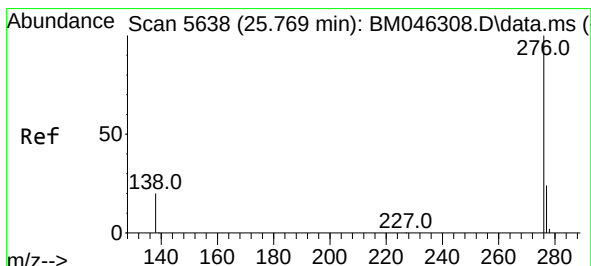
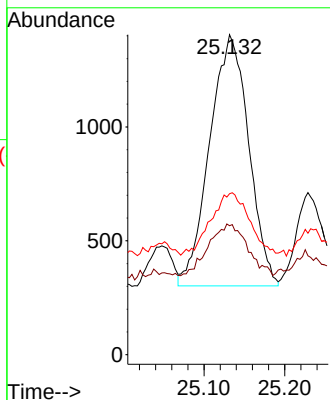
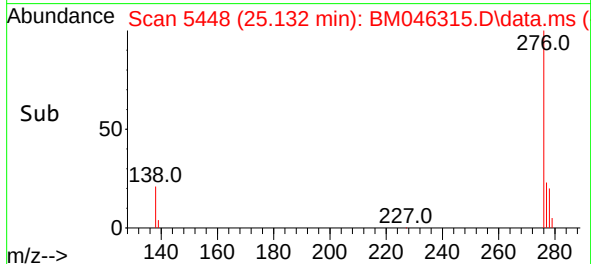
Instrument :
BNA_M
ClientSampleId :
A4B85



Tgt Ion:278 Resp: 370
Ion Ratio Lower Upper
278 100
139 40.3 17.6 26.4
279 50.3 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: 0.512 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.020 min
Lab File: BM046315.D
Acq: 26 Jun 2024 06:04

Tgt Ion:276 Resp: 16483
Ion Ratio Lower Upper
276 100
138 26.0 21.7 32.5
277 27.5 20.4 30.6

