

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
 Data File : BM046844.D
 Acq On : 26 Jul 2024 23:24
 Operator : MA/JU
 Sample : P3263-08DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BB1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 00:32:56 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	3482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.226	136	10102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	6200	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.870	188	11447	0.400	ng/ul	0.00
17) Chrysene-d12	21.079	240	6668	0.400	ng/ul	# 0.00
23) Perylene-d12	23.207	264	7270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2143	0.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	988	0.062	ng/ul	0.00
18) Fluoranthene-d10	18.908	212	1535	0.071	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.275	128	1145	0.045	ng/ul#	85
7) 2-Methylnaphthalene	11.898	142	466	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.123	142	405	0.022	ng/ul	97
10) Acenaphthylene	13.825	152	2109	0.074	ng/ul#	93
11) Acenaphthene	14.177	153	1848	0.096	ng/ul	95
12) Fluorene	15.172	166	2631	0.109	ng/ul	97
15) Phenanthrene	16.912	178	47722	1.450	ng/ul	98
16) Anthracene	17.001	178	9318	0.304	ng/ul	98
19) Fluoranthene	18.940	202	72144	2.464	ng/ul	99
20) Pyrene	19.303	202	49516	1.635	ng/ul	99
21) Benzo(a)anthracene	21.062	228	28270	1.017	ng/ul	98
22) Chrysene	21.114	228	28312	1.003	ng/ul	98
24) Benzo(b)fluoranthene	22.578	252	34685m	1.087	ng/ul	
25) Benzo(k)fluoranthene	22.619	252	14157m	0.440	ng/ul	
26) Benzo(a)pyrene	23.113	252	13156	0.574	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.306	276	12527	0.355	ng/ul	98
28) Dibenzo(a,h)anthracene	25.316	278	4184	0.162	ng/ul#	64
29) Benzo(g,h,i)perylene	25.954	276	2105	0.068	ng/ul#	52

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

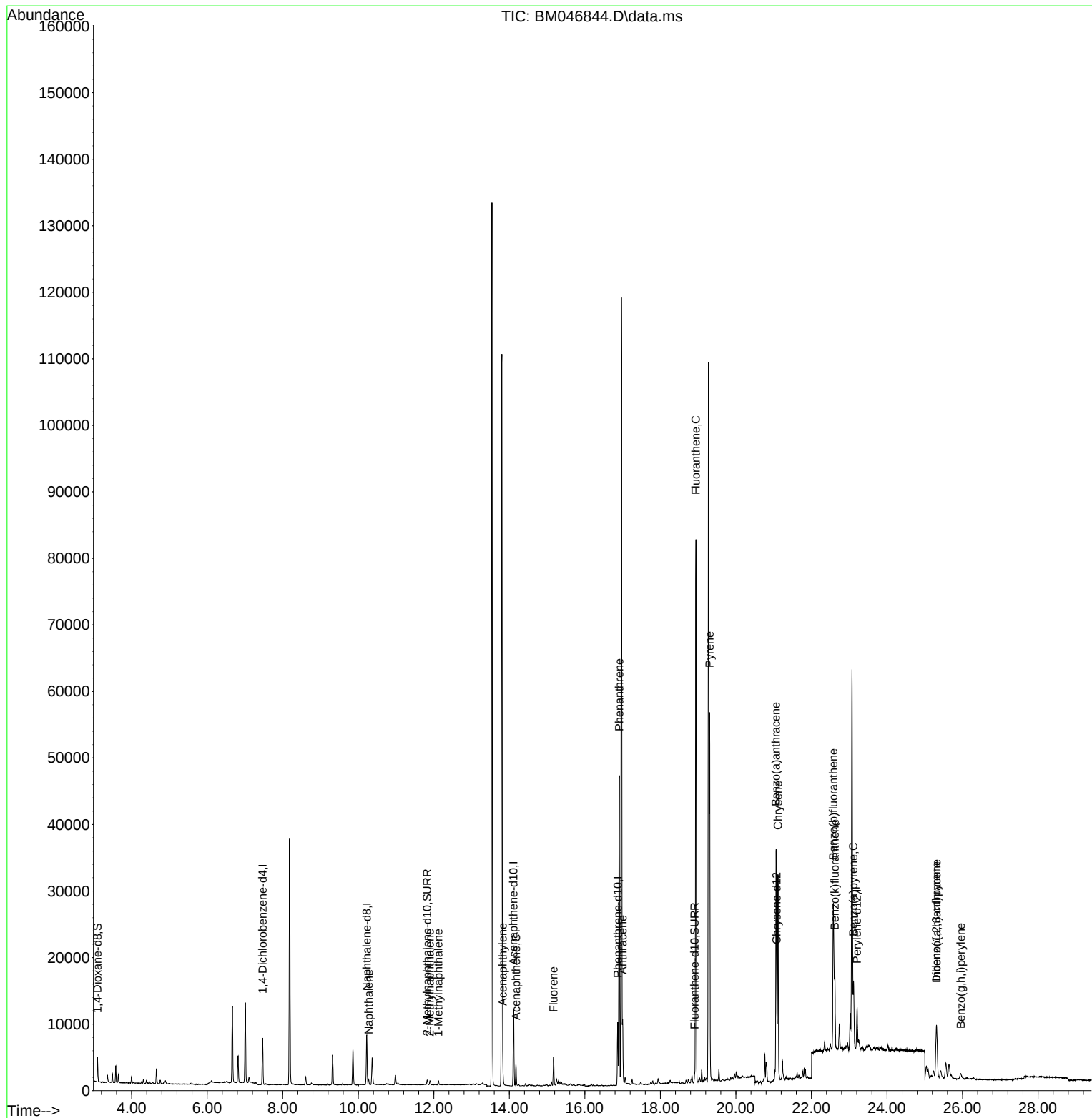
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046844.D
Acq On : 26 Jul 2024 23:24
Operator : MA/JU
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ALS Vial : 24 Sample Multiplier: 1

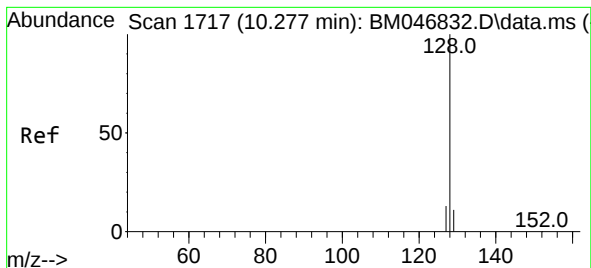
Instrument :
BNA_M
ClientSampleId :
A4BB1DL

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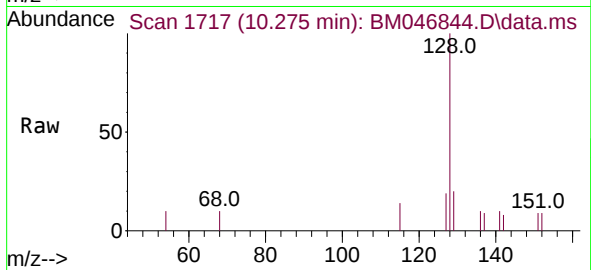
Quant Time: Jul 27 00:32:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.275 min Scan# 1145
Delta R.T. -0.001 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

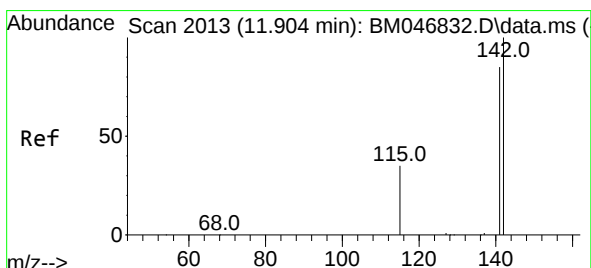
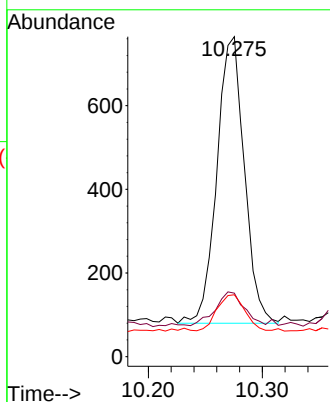
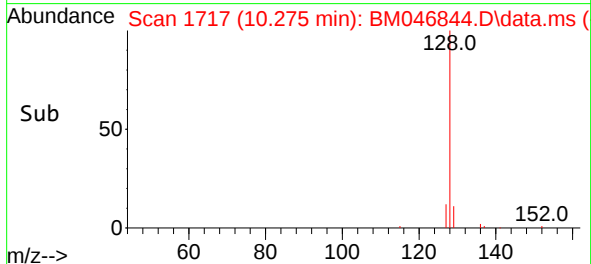
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



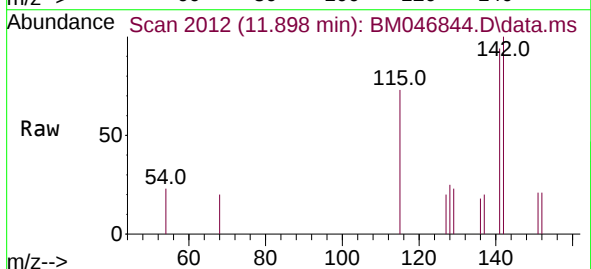
Tgt Ion:128 Resp: 1145
Ion Ratio Lower Upper
128 100
129 19.9 10.1 15.1
127 19.3 11.5 17.3

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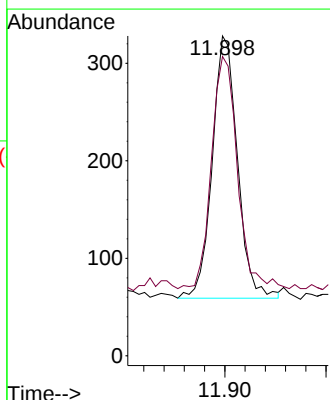
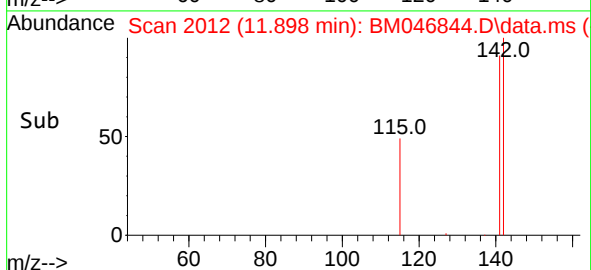
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

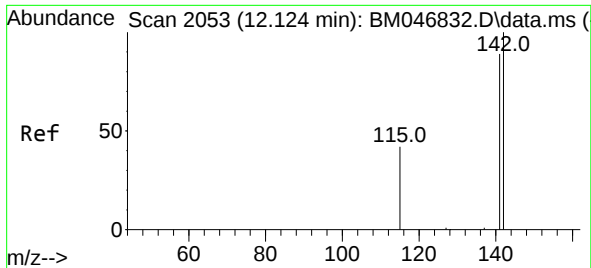


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.898 min Scan# 2012
Delta R.T. -0.007 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24



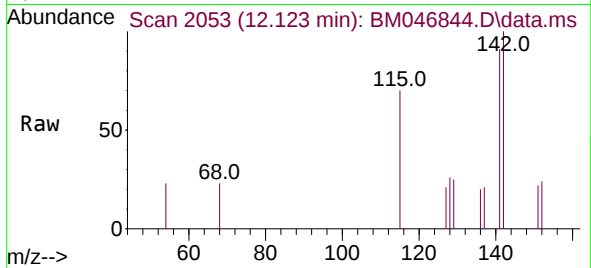
Tgt Ion:142 Resp: 466
Ion Ratio Lower Upper
142 100
141 91.2 70.5 105.7





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.123 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

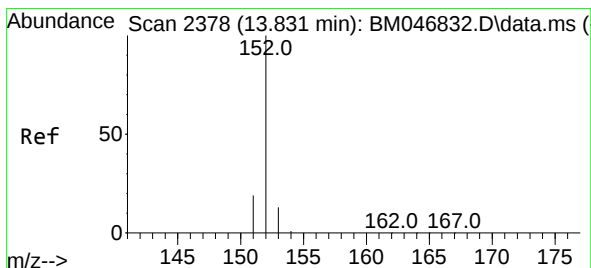
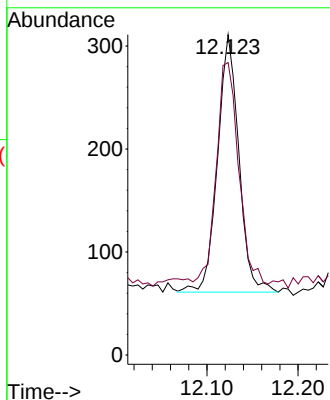
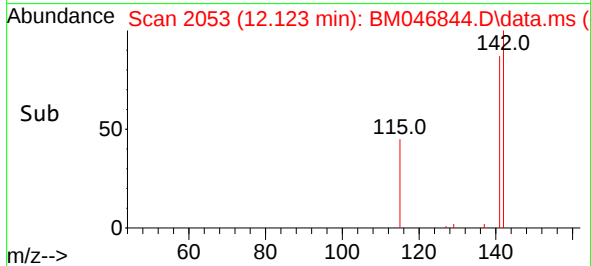
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



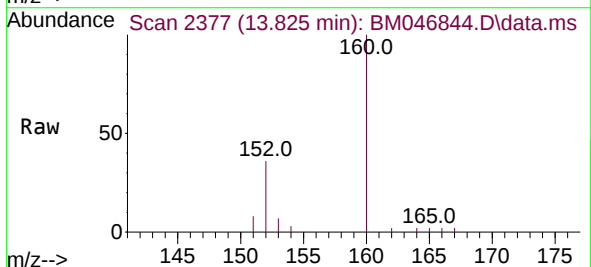
Tgt Ion:142 Resp: 409
Ion Ratio Lower Upper
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141 94.1 73.1 109.7

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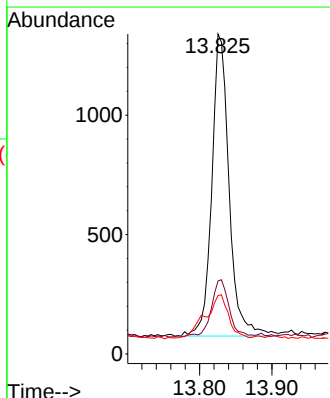
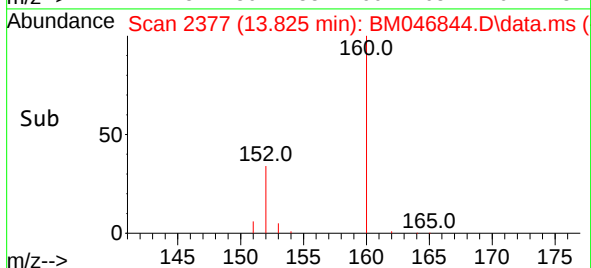
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

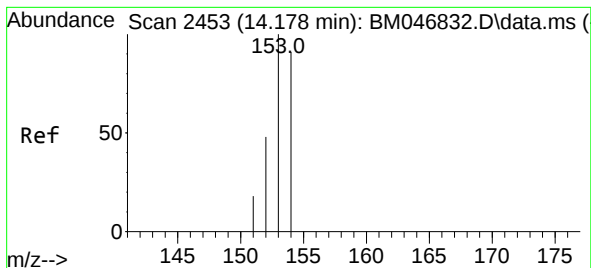


#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 13.825 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24



Tgt Ion:152 Resp: 2109
Ion Ratio Lower Upper
152 100
151 22.8 16.8 25.2
153 18.3 11.0 16.6#





#11

Acenaphthene

Concen: 0.096 ng/u1

RT: 14.177 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BM046844.D

Acq: 26 Jul 2024 23:24

Instrument :

BNA_M

ClientSampleId :

A4BB1DL

Tgt Ion:153 Resp: 1848

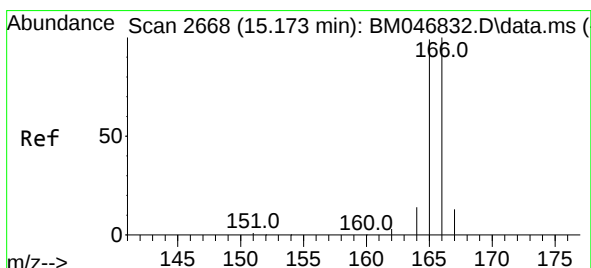
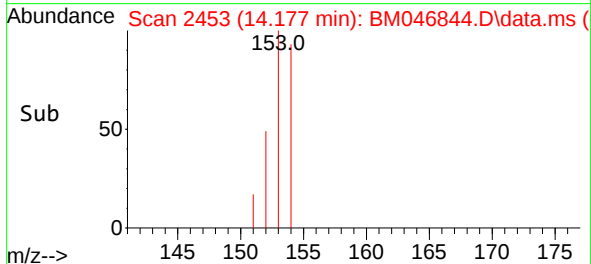
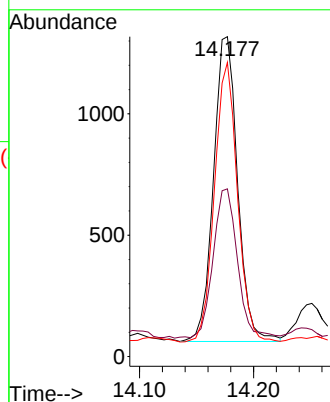
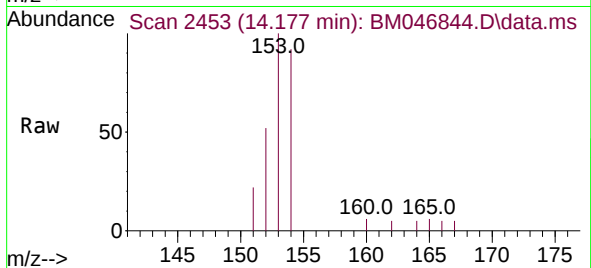
Ion	Ratio	Lower	Upper
153	100		
152	52.4	38.6	57.8
154	92.0	70.8	106.2

Manual Integrations

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#12

Fluorene

Concen: 0.109 ng/u1

RT: 15.172 min Scan# 2668

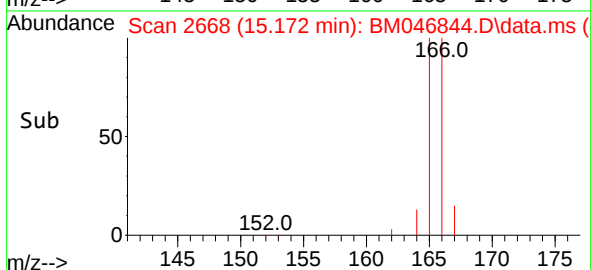
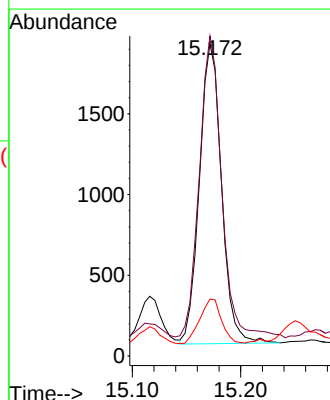
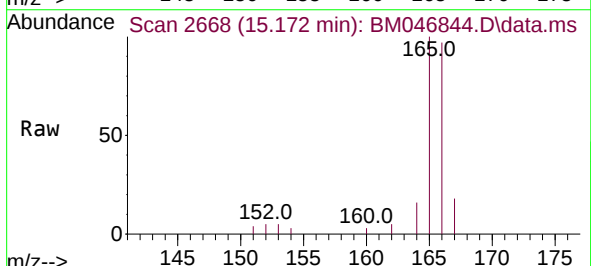
Delta R.T. -0.006 min

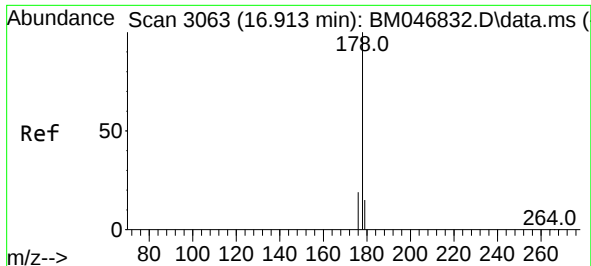
Lab File: BM046844.D

Acq: 26 Jul 2024 23:24

Tgt Ion:166 Resp: 2631

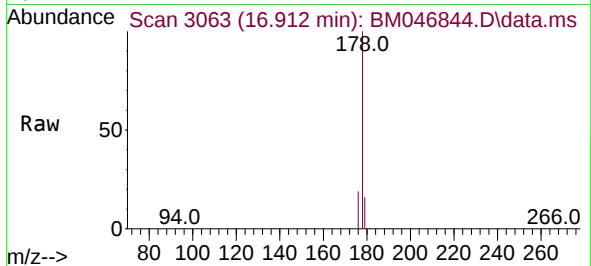
Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.8	119.6
167	18.2	12.3	18.5





#15
Phenanthrene
Concen: 1.450 ng/ul
RT: 16.912 min Scan# 3063
Delta R.T. -0.001 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

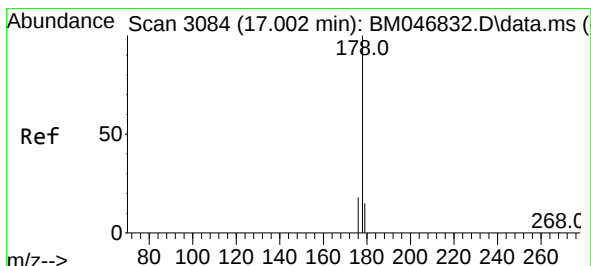
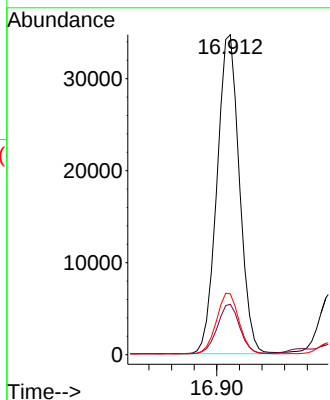
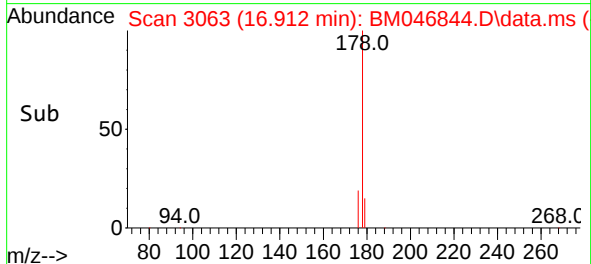
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



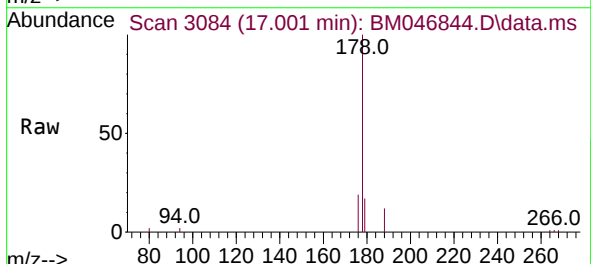
Tgt Ion:178 Resp: 4772
Ion Ratio Lower Upper
178 100
179 15.7 13.4 20.2
176 19.0 16.1 24.1

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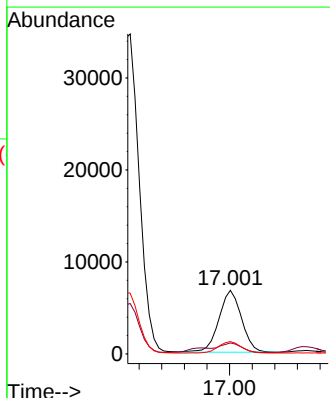
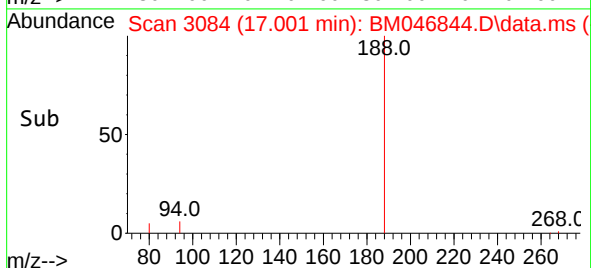
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

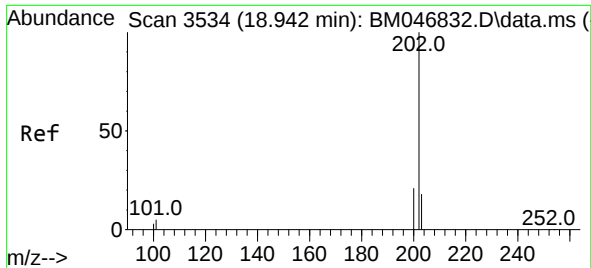


#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.001 min Scan# 3084
Delta R.T. -0.005 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24



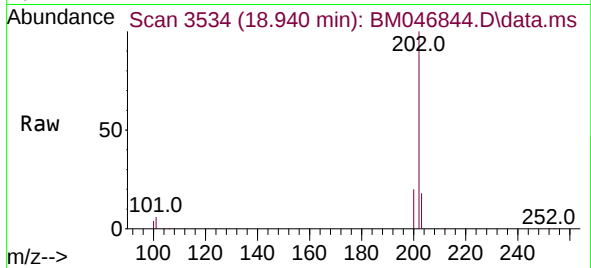
Tgt Ion:178 Resp: 9318
Ion Ratio Lower Upper
178 100
179 17.4 13.1 19.7
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 2.464 ng/ul
RT: 18.940 min Scan# 3534
Delta R.T. -0.001 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

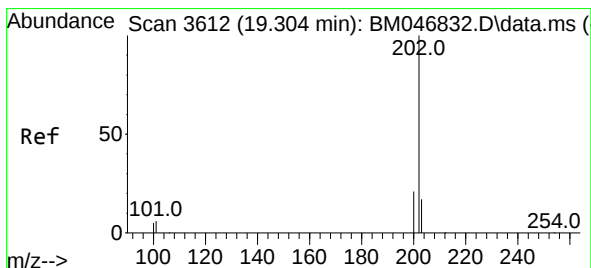
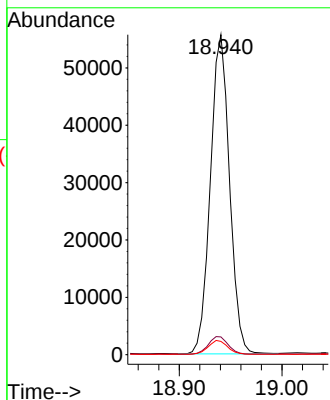
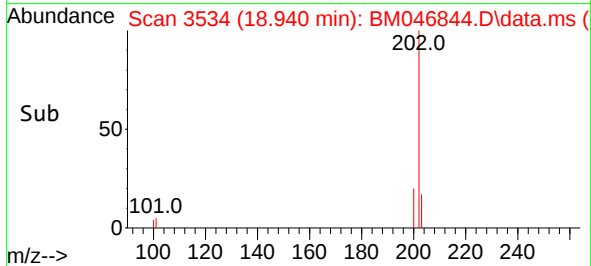
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



Tgt Ion:202 Resp: 72144
Ion Ratio Lower Upper
202 100
101 5.6 4.7 7.1
100 4.2 3.4 5.2

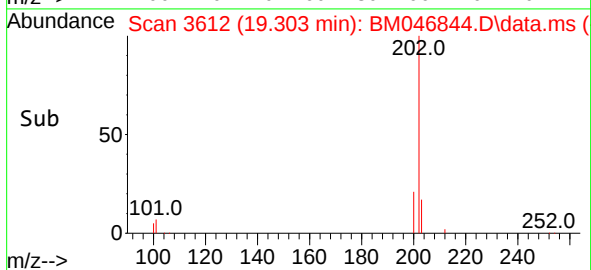
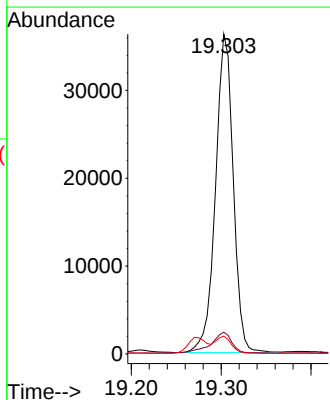
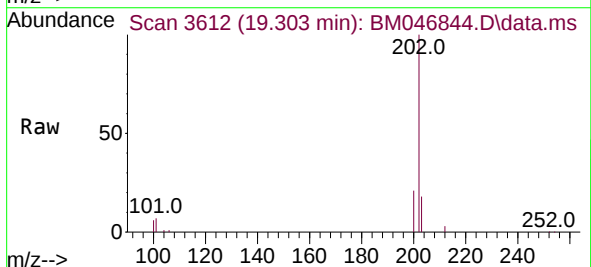
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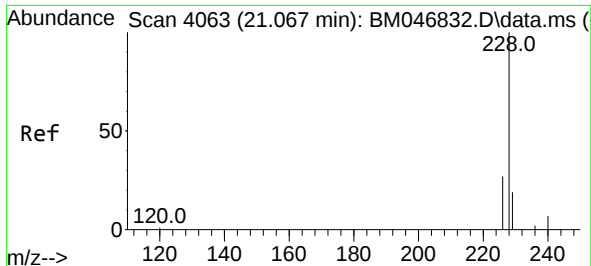
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#20
Pyrene
Concen: 1.635 ng/ul
RT: 19.303 min Scan# 3612
Delta R.T. -0.001 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

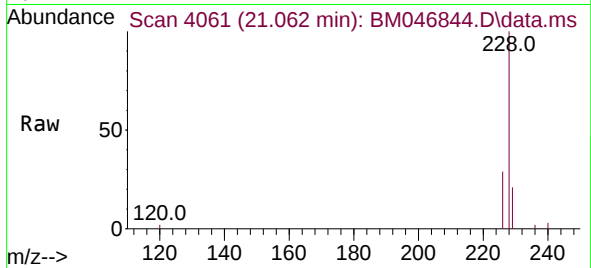
Tgt Ion:202 Resp: 49516
Ion Ratio Lower Upper
202 100
101 6.8 5.2 7.8
100 5.6 4.3 6.5





#21
Benzo(a)anthracene
Concen: 1.017 ng/ul
RT: 21.062 min Scan# 4063
Delta R.T. -0.002 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

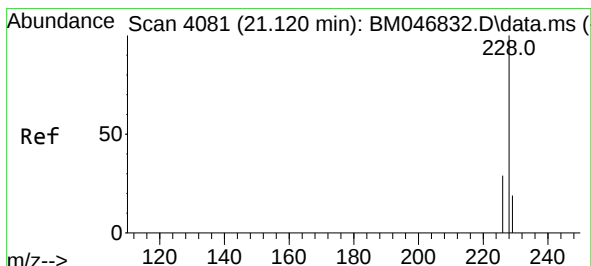
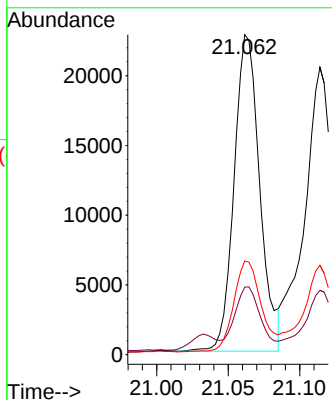
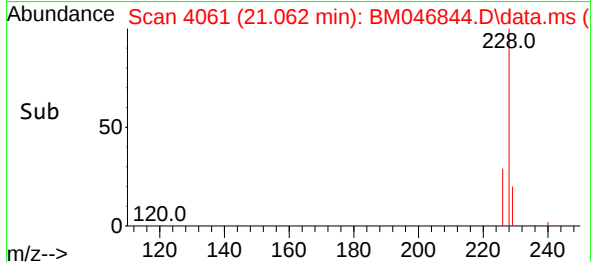
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



Tgt Ion:228 Resp: 28270
Ion Ratio Lower Upper
228 100
229 21.1 16.3 24.5
226 29.3 22.3 33.5

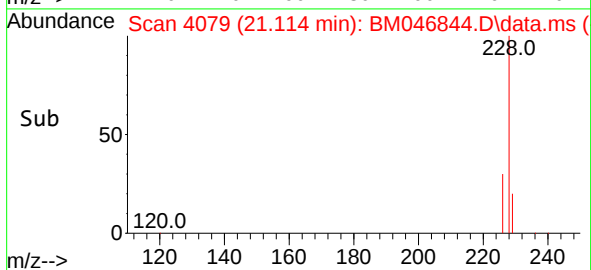
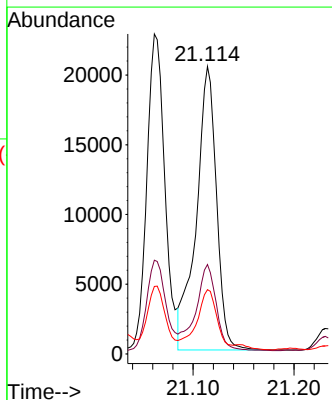
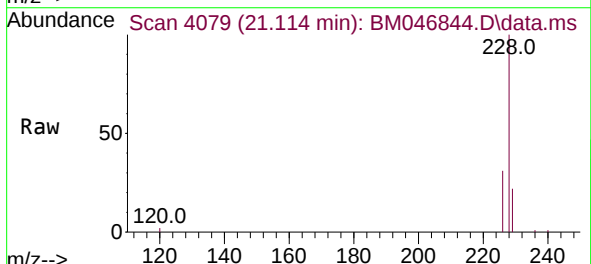
Manual Integrations
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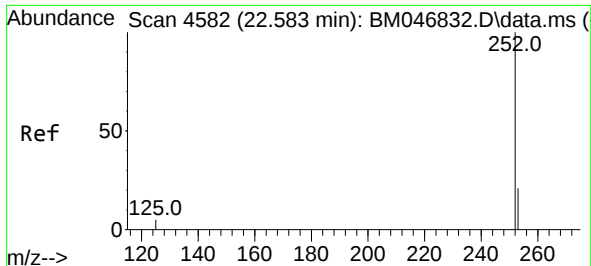
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#22
Chrysene
Concen: 1.003 ng/ul
RT: 21.114 min Scan# 4079
Delta R.T. -0.002 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

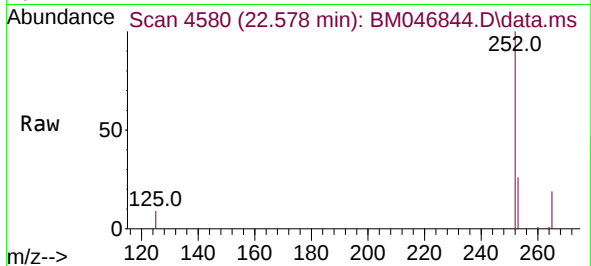
Tgt Ion:228 Resp: 28312
Ion Ratio Lower Upper
228 100
226 31.1 24.5 36.7
229 22.3 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 1.087 ng/ul m
RT: 22.578 min Scan# 4580
Delta R.T. -0.002 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

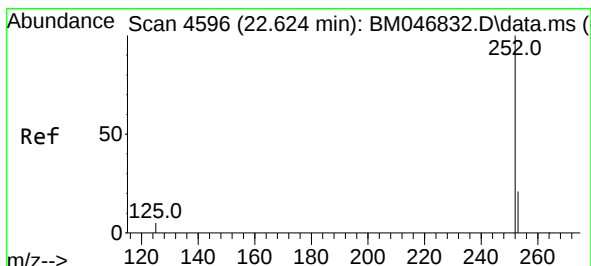
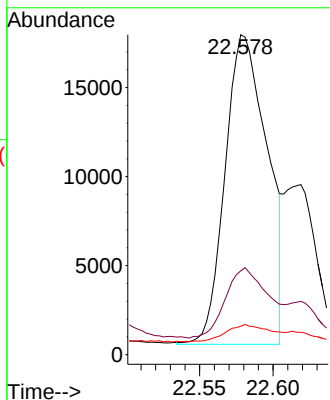
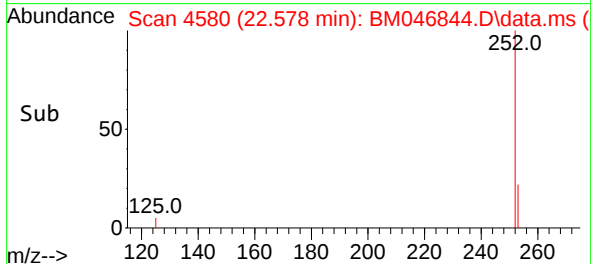
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



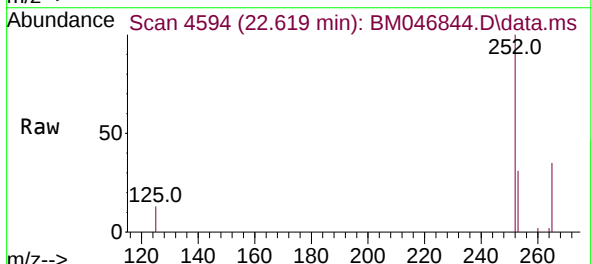
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Ion Ratio Lower Upper
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253 26.2 0.0 56.4
125 8.9 0.0 15.8

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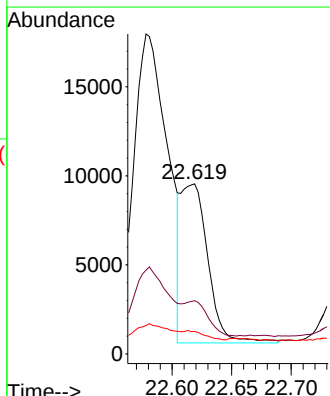
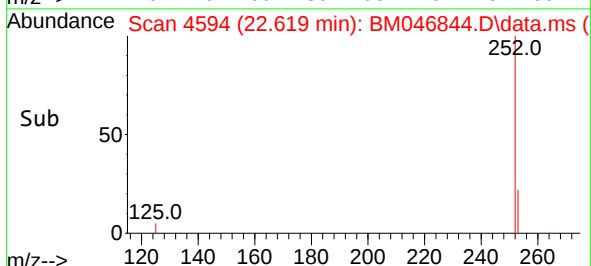
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

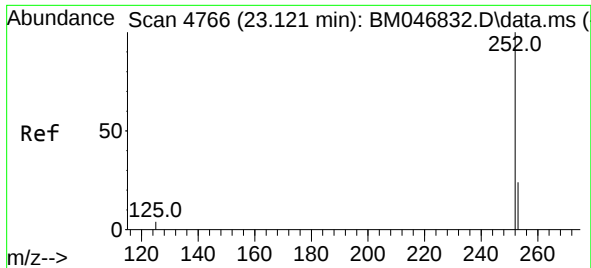


#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul m
RT: 22.619 min Scan# 4594
Delta R.T. -0.002 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24



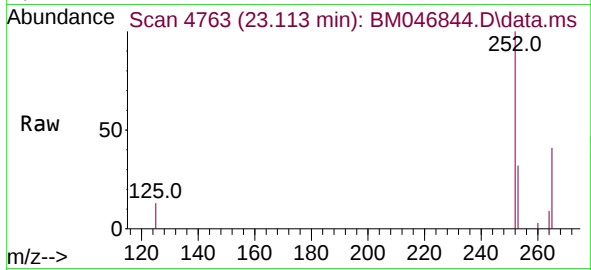
Tgt Ion:252 Resp: 14157
Ion Ratio Lower Upper
252 100
253 31.4 23.5 35.3
125 13.1 8.6 13.0#





#26
Benzo(a)pyrene
Concen: 0.574 ng/ul
RT: 23.113 min Scan# 4763
Delta R.T. -0.005 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

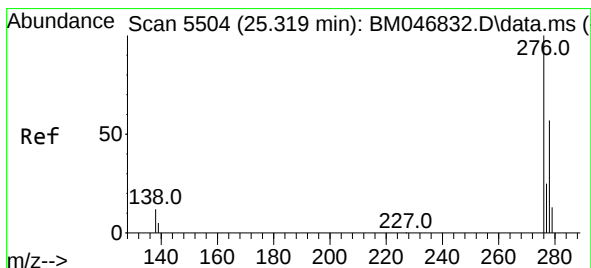
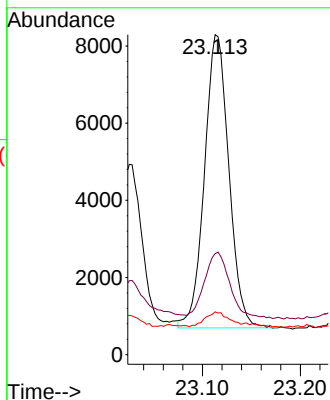
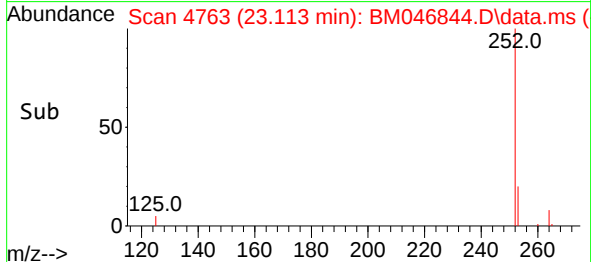
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



Tgt Ion:252 Resp: 13150
Ion Ratio Lower Upper
252 100
253 31.6 26.0 39.0
125 13.4 7.8 11.8

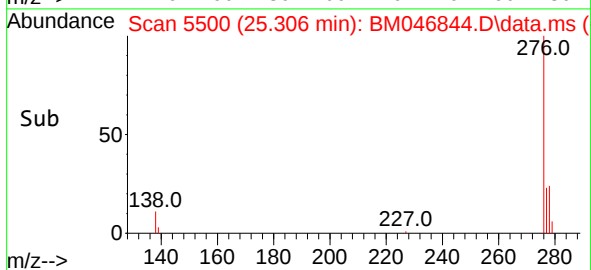
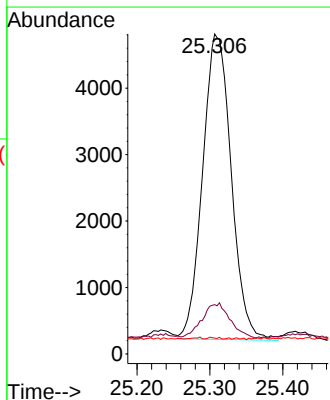
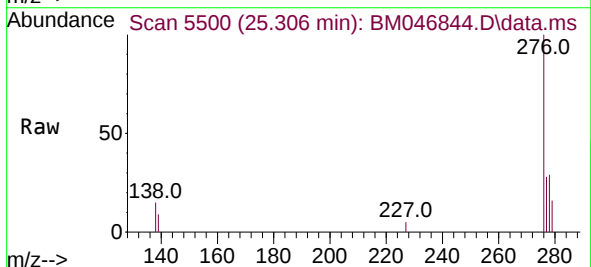
Manual Integrations
APPROVED

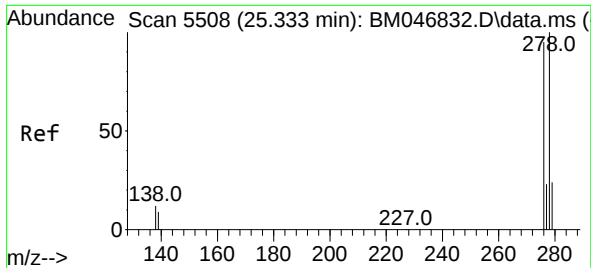
Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.306 min Scan# 5500
Delta R.T. -0.010 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

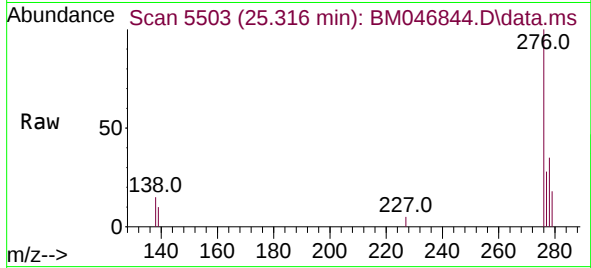
Tgt Ion:276 Resp: 12527
Ion Ratio Lower Upper
276 100
138 11.4 9.7 14.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.162 ng/ul
RT: 25.316 min Scan# 5503
Delta R.T. -0.016 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24

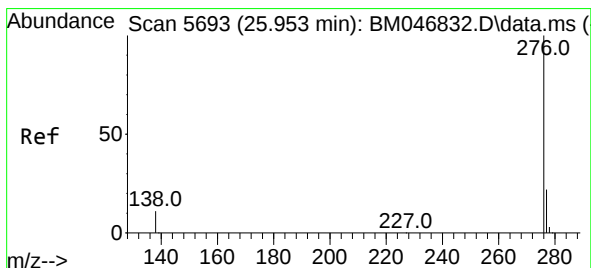
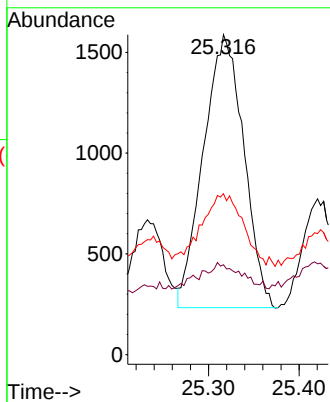
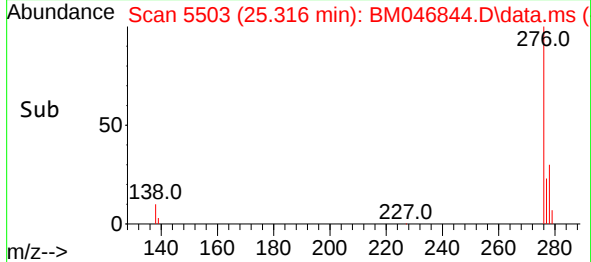
Instrument :
BNA_M
ClientSampleId :
A4BB1DL



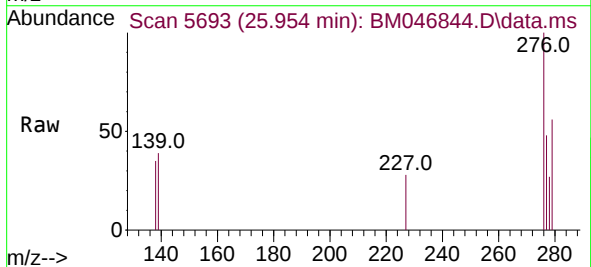
Tgt Ion:278 Resp: 4184
Ion Ratio Lower Upper
278 100
139 28.1 9.8 14.8#
279 50.3 25.2 37.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 25.954 min Scan# 5693
Delta R.T. 0.001 min
Lab File: BM046844.D
Acq: 26 Jul 2024 23:24



Tgt Ion:276 Resp: 2105
Ion Ratio Lower Upper
276 100
138 35.1 9.5 14.3#
277 48.2 20.9 31.3#

