

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045611.D
 Acq On : 27 Apr 2024 14:07
 Operator : MA/JU
 Sample : P2203-18DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX0DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
 Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 28 22:54:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	835	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2446	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1214	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2323	0.400	ng/ul	-0.02
17) Chrysene-d12	21.179	240	1982	0.400	ng/ul	-0.01
23) Perylene-d12	23.362	264	2715m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1220	1.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152	229	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	363	0.058	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	13199	2.009	ng/ul#	87
7) 2-Methylnaphthalene	11.997	142	1313	0.350	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	937	0.223	ng/ul	96
10) Acenaphthylene	13.909	152	3325	0.555	ng/ul	97
11) Acenaphthene	14.256	153	207	0.047	ng/ul#	93
12) Fluorene	15.260	166	695	0.146	ng/ul#	98
15) Phenanthrene	16.997	178	20319	3.003	ng/ul	94
16) Anthracene	17.094	178	2381	0.376	ng/ul#	89
19) Fluoranthene	19.029	202	11021	1.205	ng/ul#	91
20) Pyrene	19.391	202	8706	0.926	ng/ul	95
21) Benzo(a)anthracene	21.164	228	3690	0.582	ng/ul	92
22) Chrysene	21.214	228	3032	0.311	ng/ul	92
24) Benzo(b)fluoranthene	22.713	252	5170	0.566	ng/ul	83
25) Benzo(k)fluoranthene	22.751	252	1825m	0.158	ng/ul	
26) Benzo(a)pyrene	23.265	252	3582	0.378	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.548	276	3167	0.230	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.561	278	739	0.068	ng/ul#	18
29) Benzo(g,h,i)perylene	26.209	276	3362	0.272	ng/ul	92

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

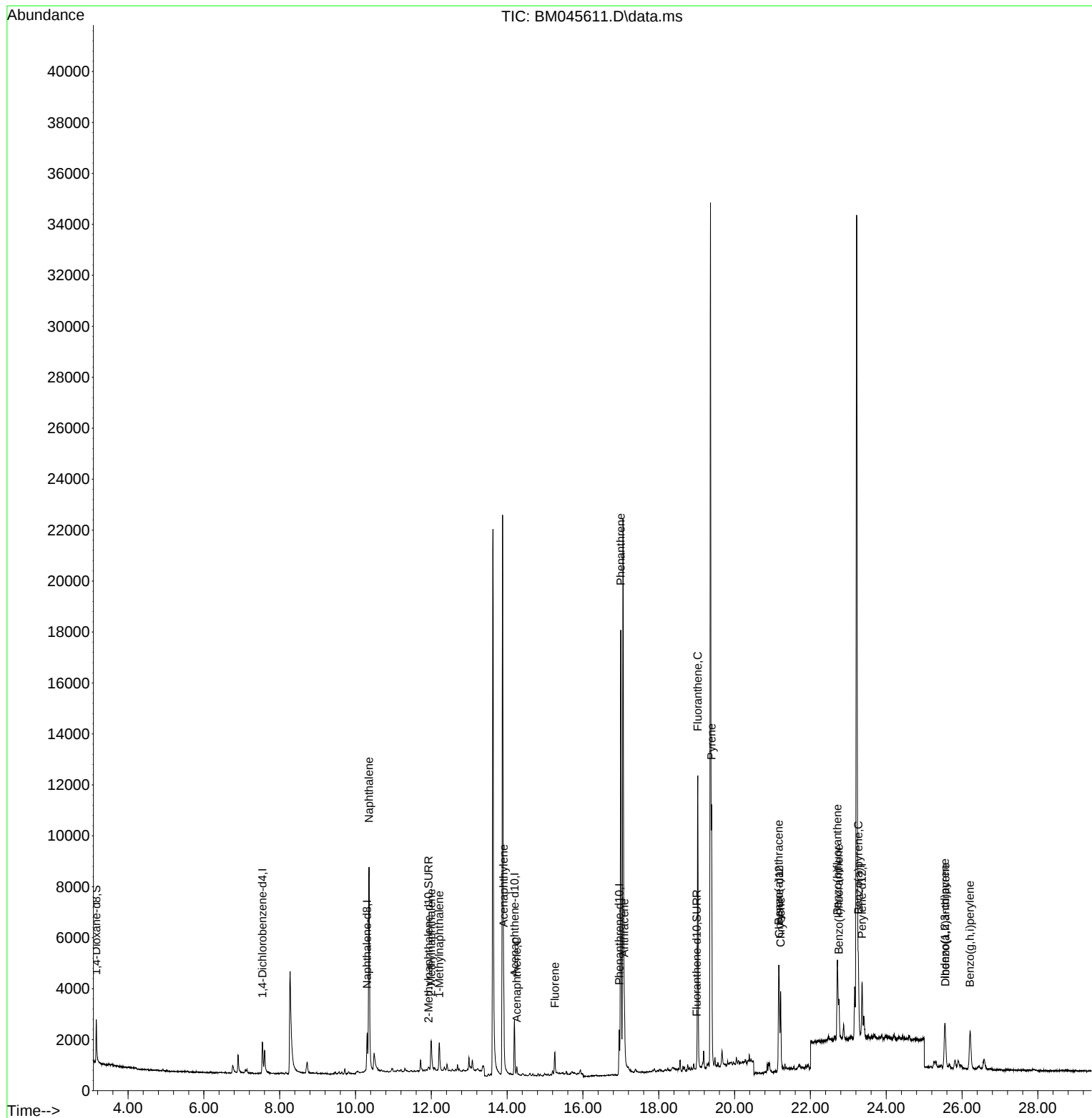
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045611.D
Acq On : 27 Apr 2024 14:07
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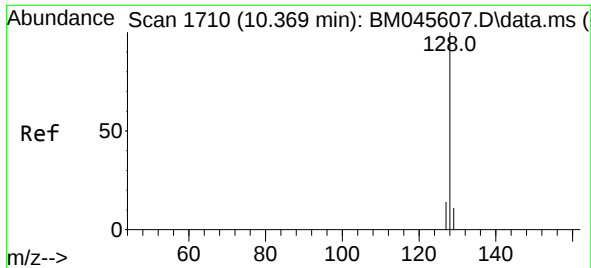
Instrument :
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E1CX0DL

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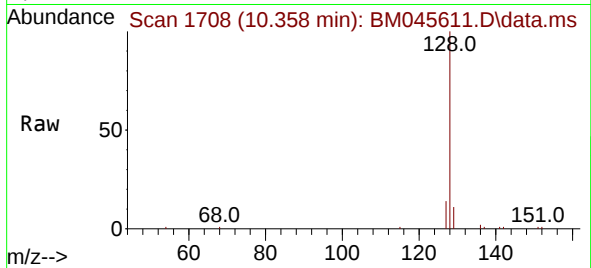
Quant Time: Apr 28 22:54:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.009 ng/u1
RT: 10.358 min Scan# 11
Delta R.T. -0.022 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

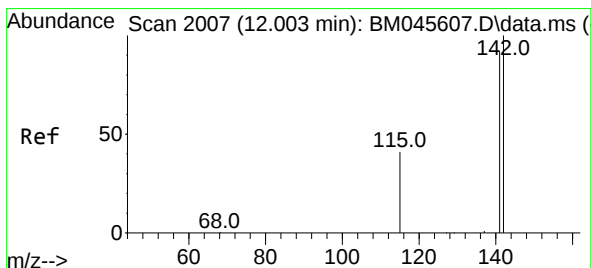
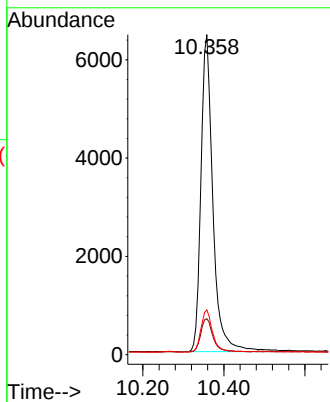
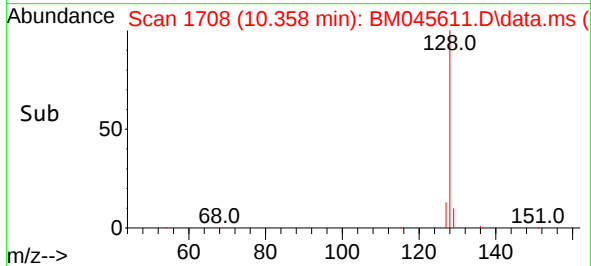
Instrument :
BNA_M
ClientSampleId :
E1CX0DL



Tgt Ion:128 Resp: 1319
Ion Ratio Lower Upper
128 100
129 11.3 14.0 21.0
127 14.0 15.4 23.2

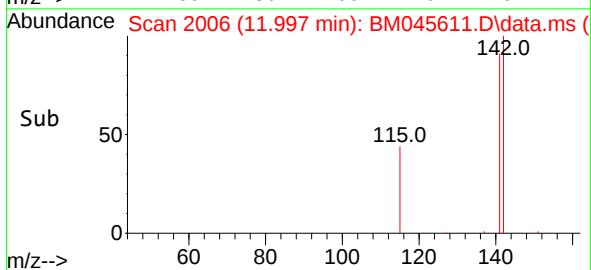
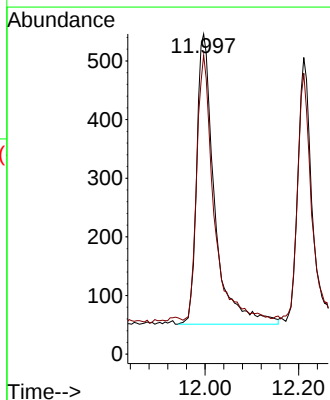
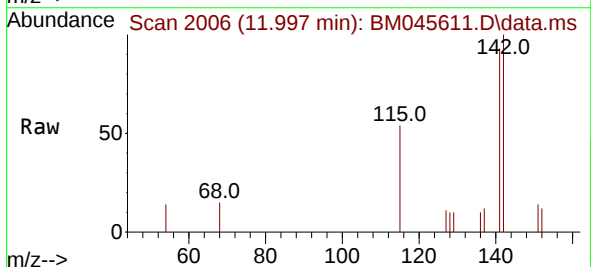
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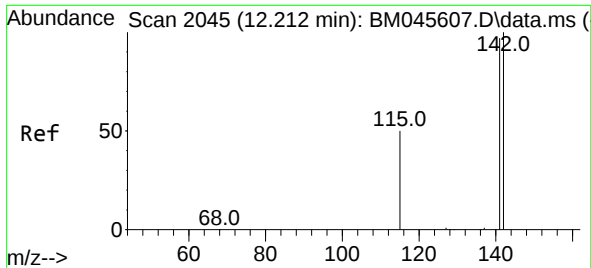
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#7
2-Methylnaphthalene
Concen: 0.350 ng/u1
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

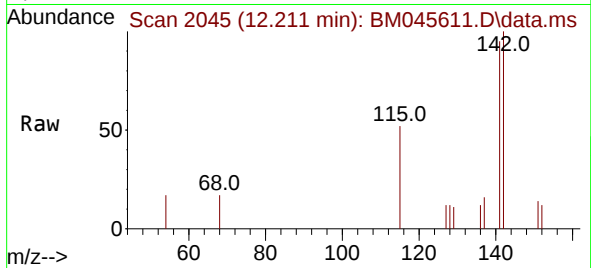
Tgt Ion:142 Resp: 1313
Ion Ratio Lower Upper
142 100
141 86.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

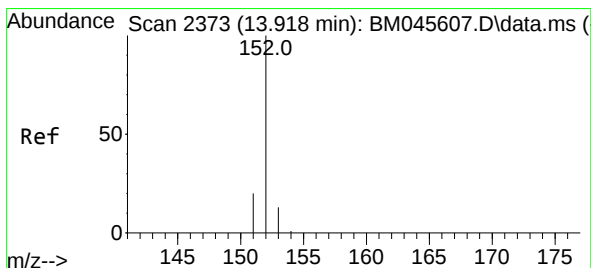
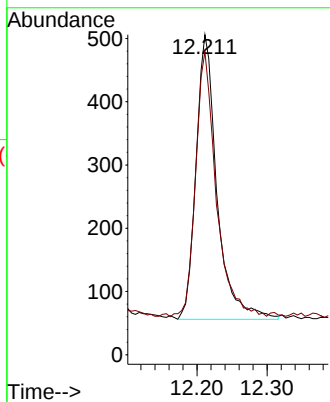
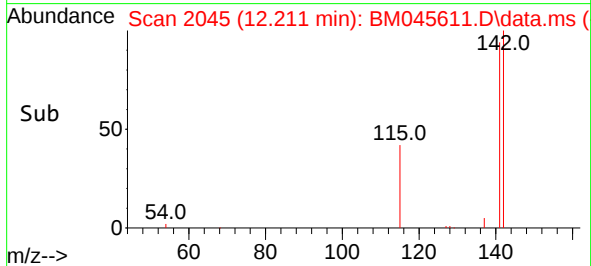
Instrument :
BNA_M
ClientSampleId :
E1CX0DL



Tgt Ion:142 Resp: 937
Ion Ratio Lower Upper
142 100
141 91.4 76.1 114.1

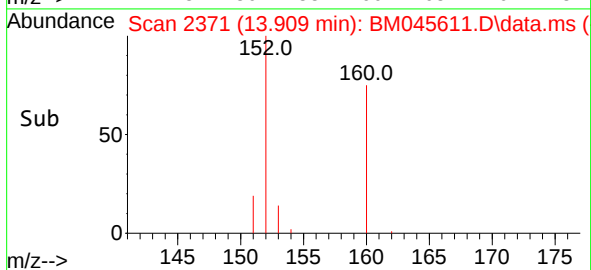
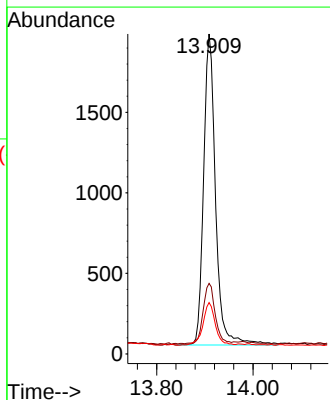
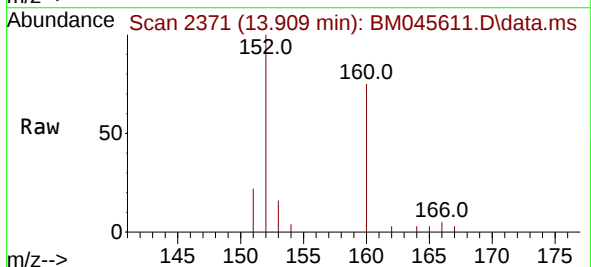
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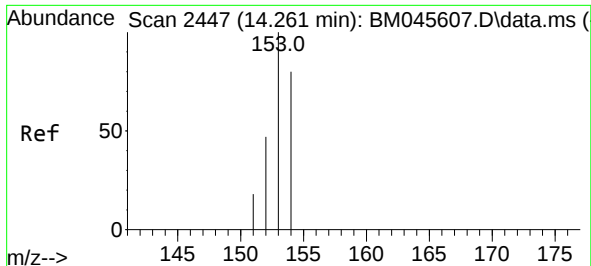
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

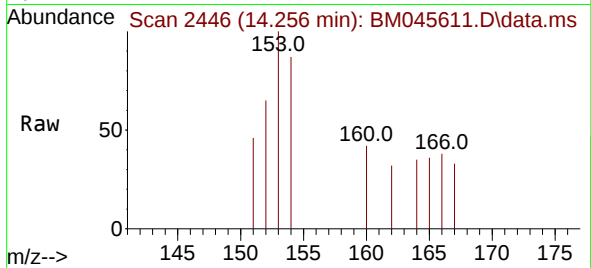
Tgt Ion:152 Resp: 3325
Ion Ratio Lower Upper
152 100
151 22.0 18.6 28.0
153 16.1 14.1 21.1





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

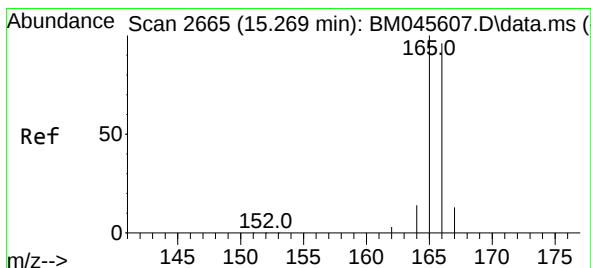
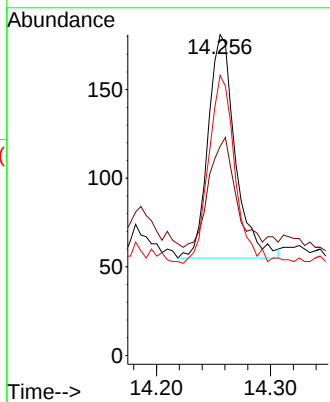
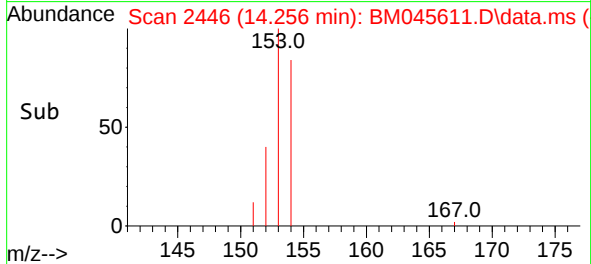
Instrument :
BNA_M
ClientSampleId :
E1CX0DL



Tgt Ion:153 Resp: 207
Ion Ratio Lower Upper
153 100
152 65.2 43.4 65.2
154 87.3 69.0 103.6

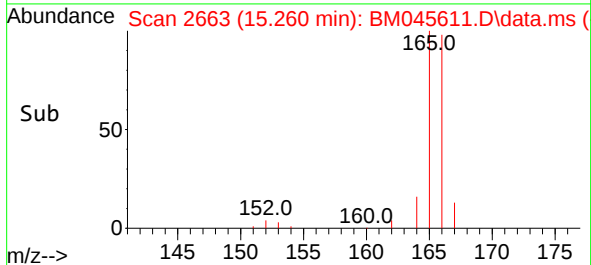
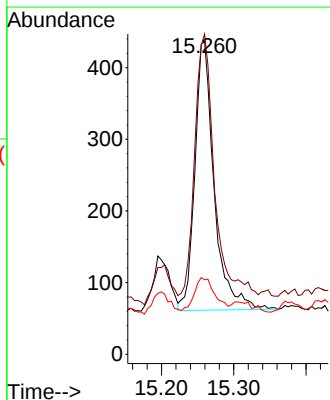
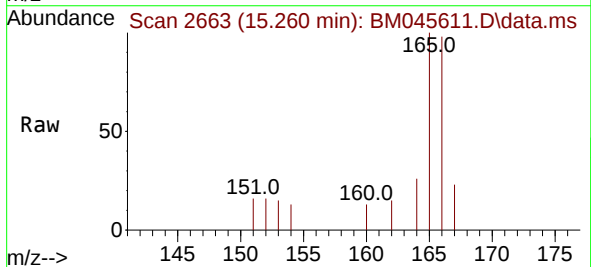
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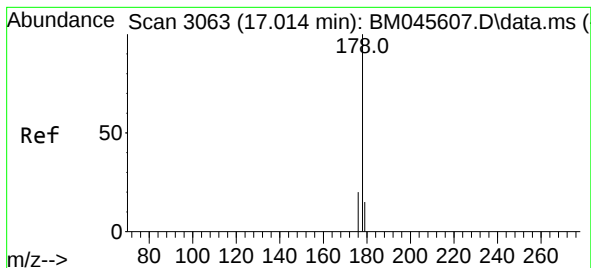
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:166 Resp: 695
Ion Ratio Lower Upper
166 100
165 102.5 82.2 123.2
167 23.9 14.8 22.2#





#15

Phenanthrene

Concen: 3.003 ng/u1

RT: 16.997 min Scan# 3059

Delta R.T. -0.025 min

Lab File: BM045611.D

Acq: 27 Apr 2024 14:07

Instrument :

BNA_M

ClientSampleId :

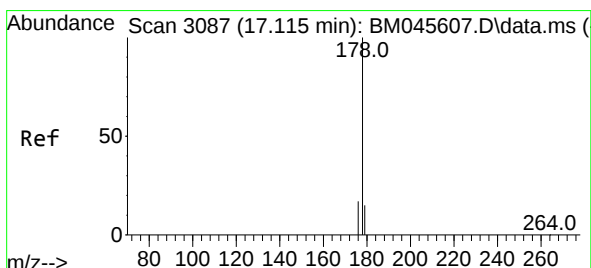
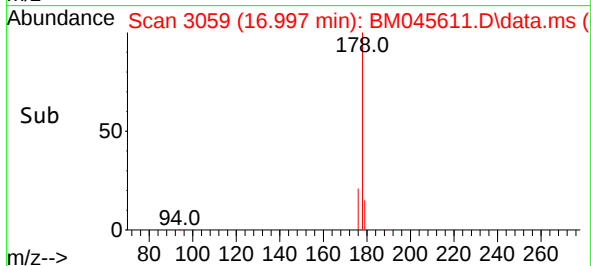
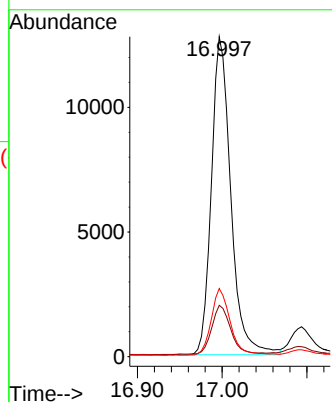
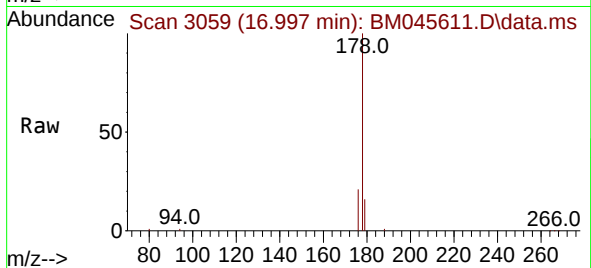
E1CX0DL

Tgt Ion:178	Resp:	20319
Ion Ratio	Lower	Upper
178	100	
179	16.0	15.4 23.2
176	21.3	19.0 28.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#16

Anthracene

Concen: 0.376 ng/u1

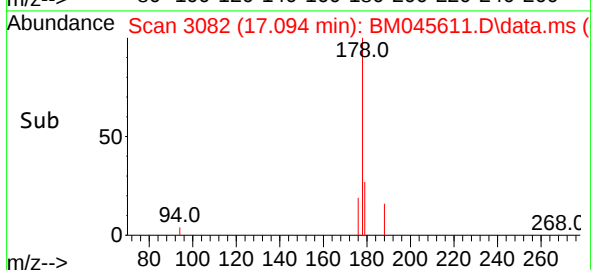
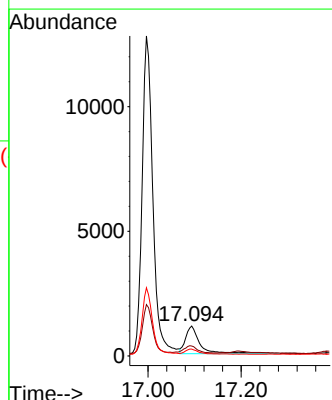
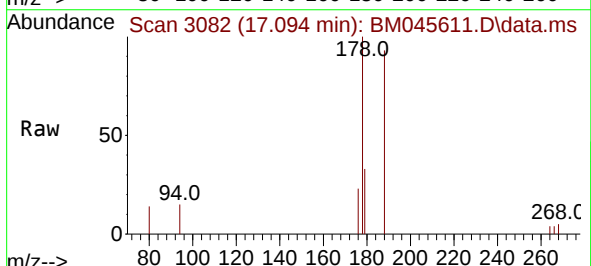
RT: 17.094 min Scan# 3082

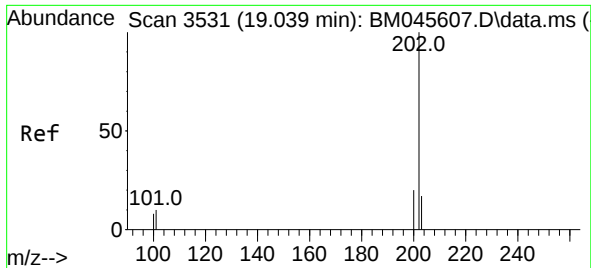
Delta R.T. -0.025 min

Lab File: BM045611.D

Acq: 27 Apr 2024 14:07

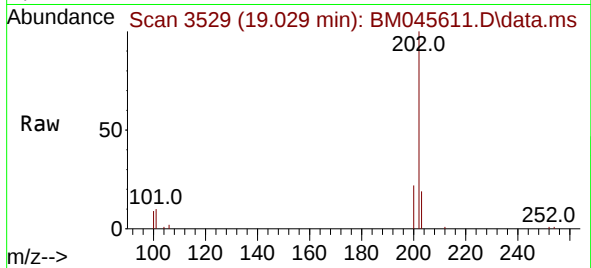
Tgt Ion:178	Resp:	2381
Ion Ratio	Lower	Upper
178	100	
179	33.0	17.8 26.6#
176	23.2	18.7 28.1





#19
Fluoranthene
Concen: 1.205 ng/u1
RT: 19.029 min Scan# 3529
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

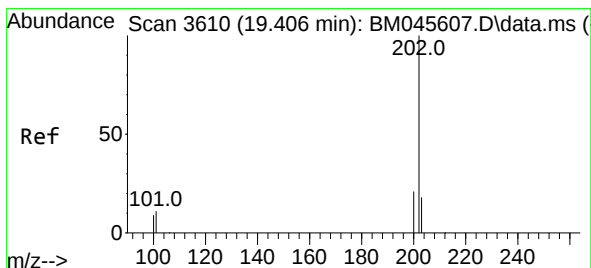
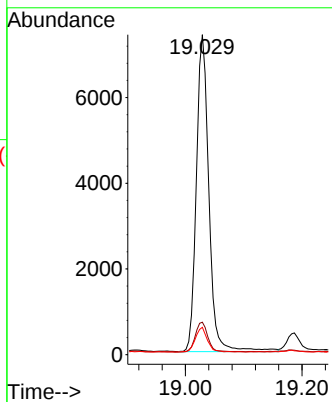
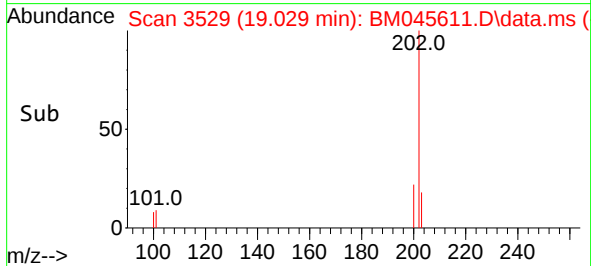
Instrument :
BNA_M
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E1CX0DL



Tgt Ion:202 Resp: 1102
Ion Ratio Lower Upper
202 100
101 10.2 11.2 16.8
100 8.6 9.1 13.7

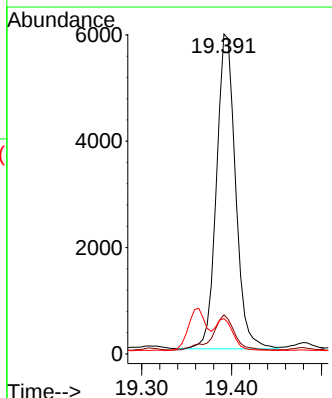
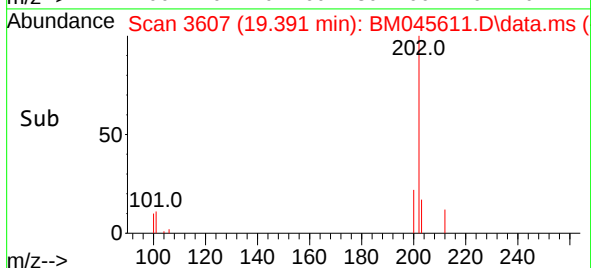
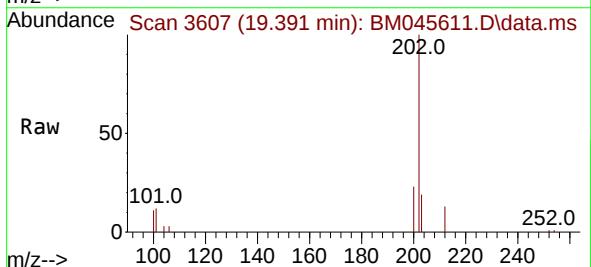
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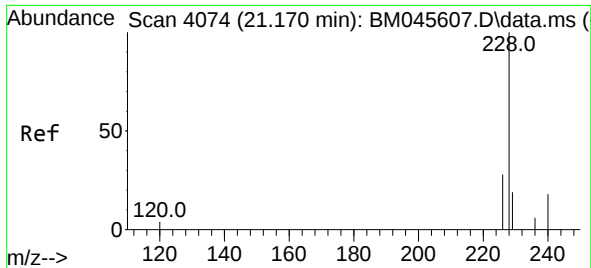
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#20
Pyrene
Concen: 0.926 ng/u1
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

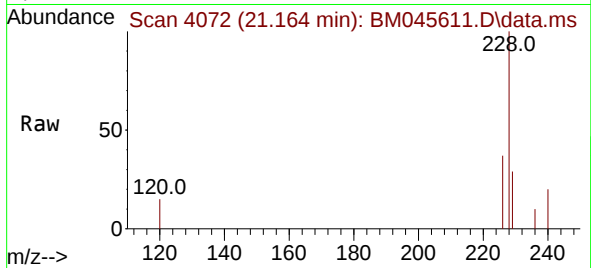
Tgt Ion:202 Resp: 8706
Ion Ratio Lower Upper
202 100
101 12.2 11.5 17.3
100 11.1 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.164 min Scan# 4072
Delta R.T. -0.017 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

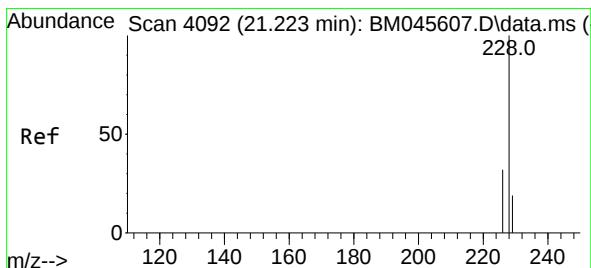
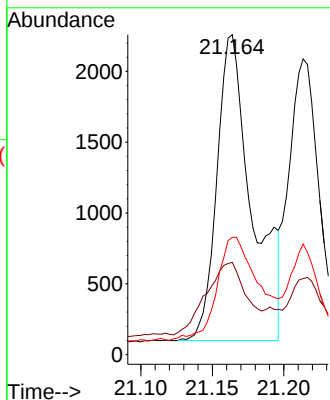
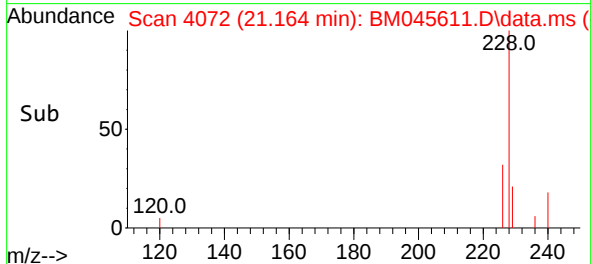
Instrument :
BNA_M
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E1CX0DL



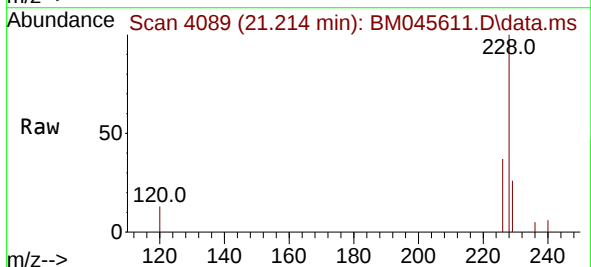
Tgt Ion:228 Resp: 3690
Ion Ratio Lower Upper
228 100
229 28.9 19.4 29.2
226 36.7 26.3 39.5

Manual Integrations
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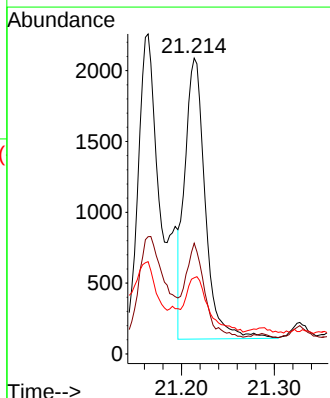
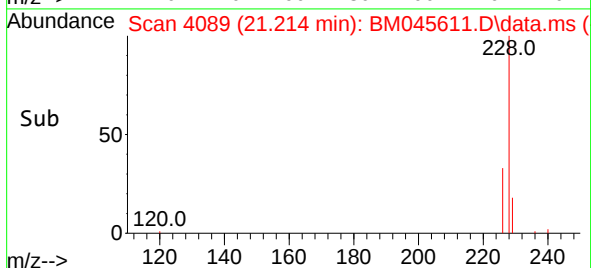
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

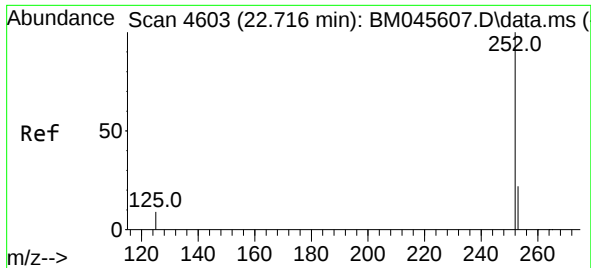


#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.014 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07



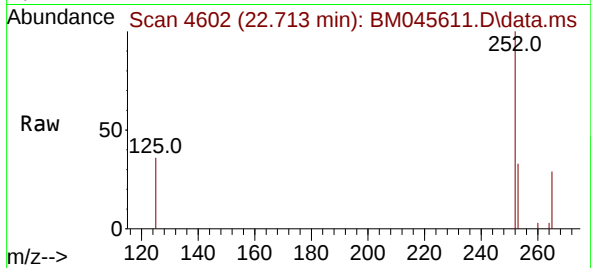
Tgt Ion:228 Resp: 3032
Ion Ratio Lower Upper
228 100
226 37.4 26.3 39.5
229 25.8 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 0.566 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.017 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

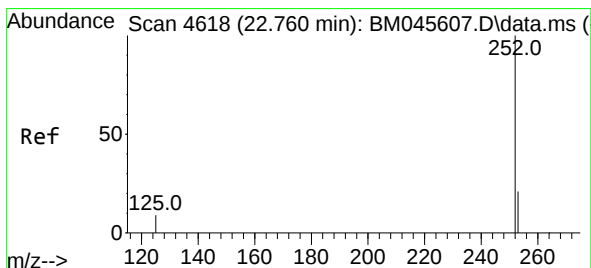
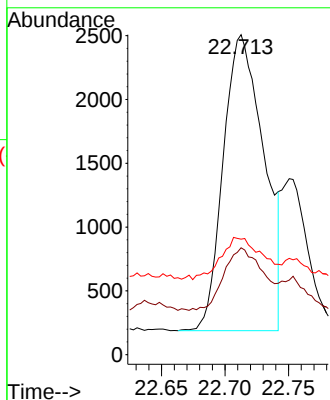
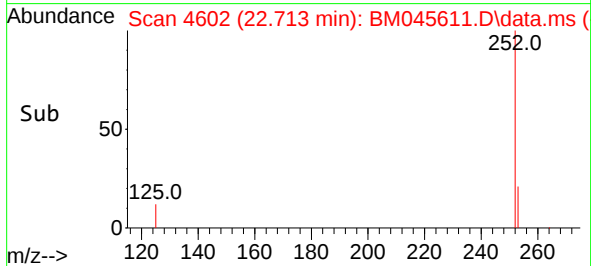
Instrument :
BNA_M
ClientSampleId :
E1CX0DL



Tgt Ion:252 Resp: 5170
Ion Ratio Lower Upper
252 100
253 33.4 0.0 63.4
125 36.1 0.0 36.8

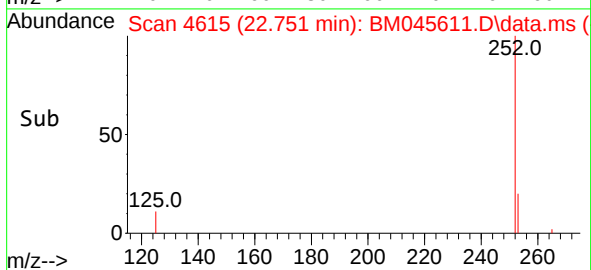
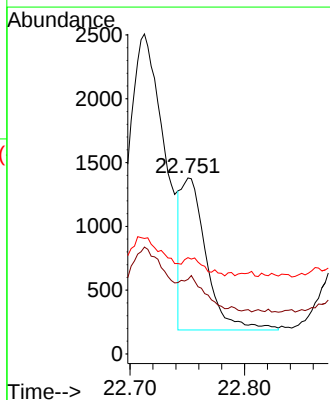
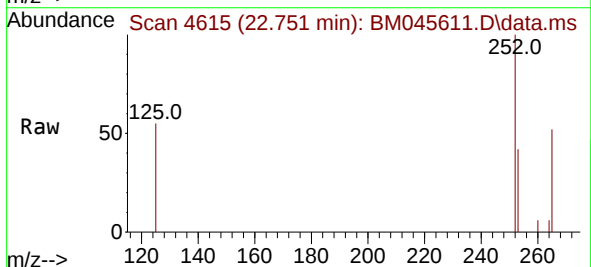
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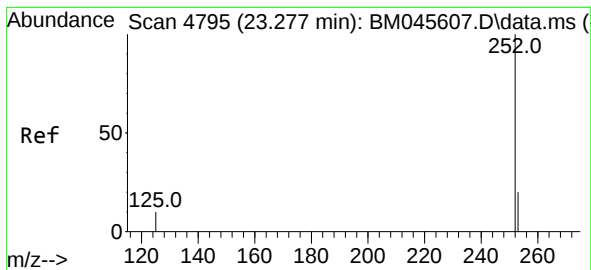
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 22.751 min Scan# 4615
Delta R.T. -0.020 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:252 Resp: 1825
Ion Ratio Lower Upper
252 100
253 42.3 25.4 38.0#
125 54.7 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.265 min Scan# 4791

Delta R.T. -0.026 min

Lab File: BM045611.D

Acq: 27 Apr 2024 14:07

Instrument :

BNA_M

ClientSampleId :

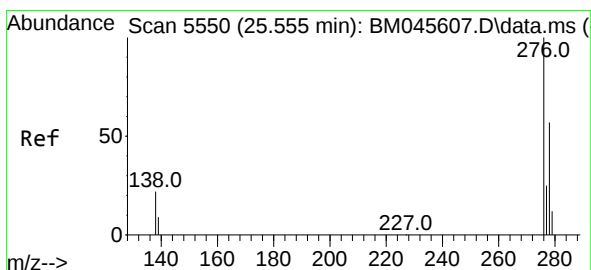
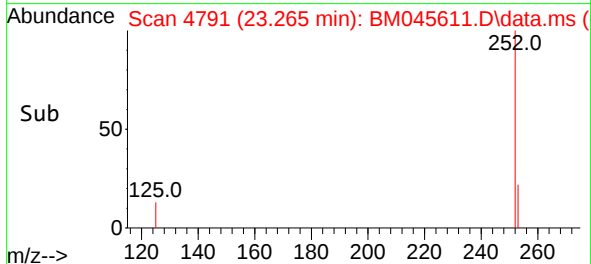
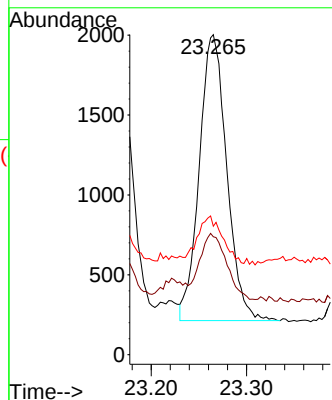
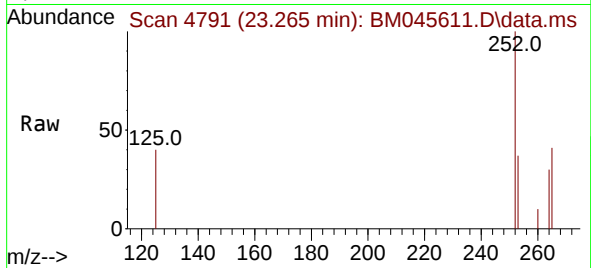
E1CX0DL

Tgt Ion:	252	Resp:	358
Ion Ratio	Lower	Upper	
252	100		
253	36.8	31.6	47.4
125	40.1	19.5	29.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.230 ng/ul

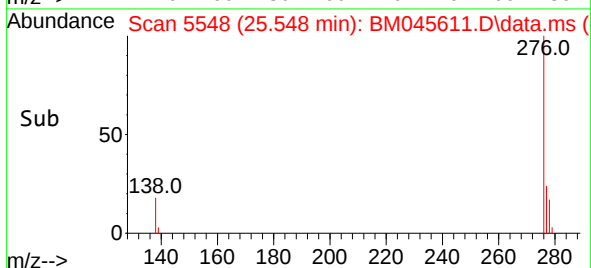
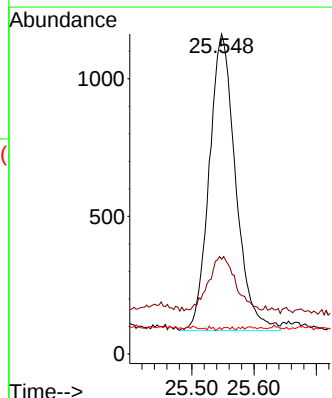
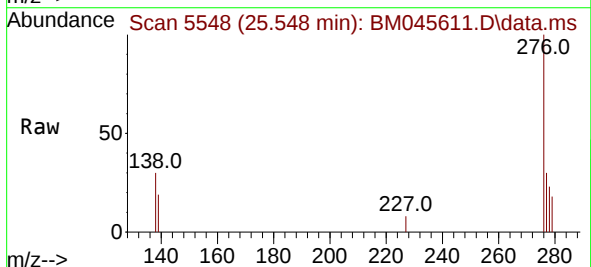
RT: 25.548 min Scan# 5548

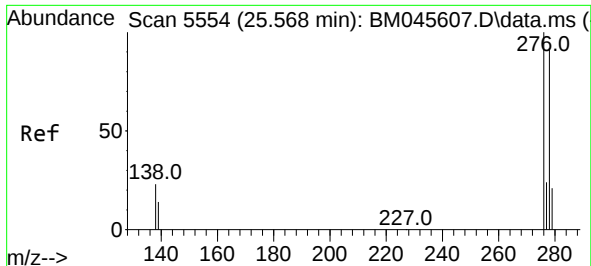
Delta R.T. -0.023 min

Lab File: BM045611.D

Acq: 27 Apr 2024 14:07

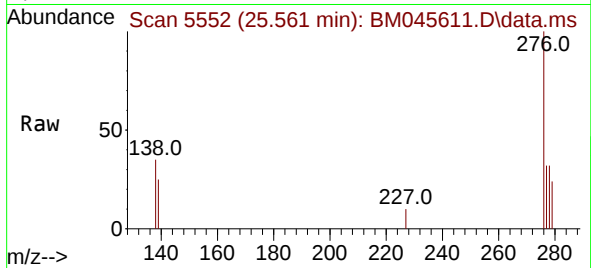
Tgt Ion:	276	Resp:	3167
Ion Ratio	Lower	Upper	
276	100		
138	18.8	19.8	29.6#
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 25.561 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

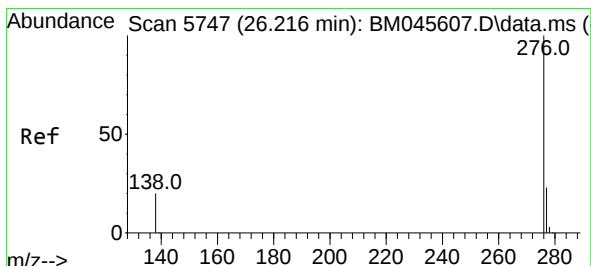
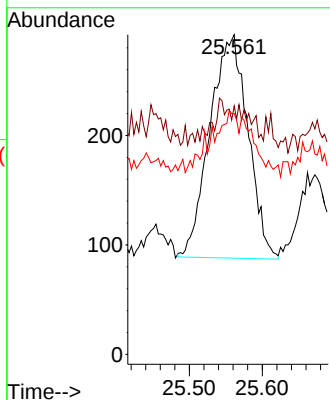
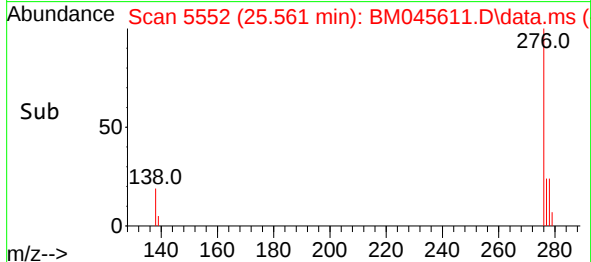
Instrument :
BNA_M
ClientSampleId :
E1CX0DL



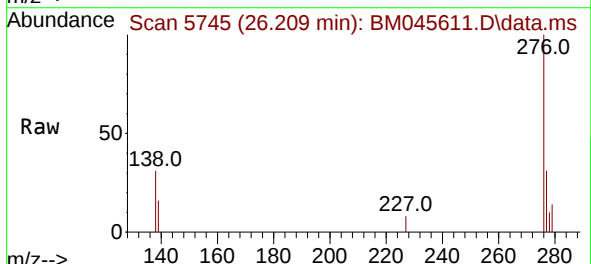
Tgt Ion:278 Resp: 739
Ion Ratio Lower Upper
278 100
139 77.7 19.0 28.6
279 75.3 29.4 44.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.027 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07



Tgt Ion:276 Resp: 3362
Ion Ratio Lower Upper
276 100
138 30.5 20.8 31.2
277 31.4 21.8 32.8

