

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
 Data File : BM045610.D
 Acq On : 27 Apr 2024 13:31
 Operator : MA/JU
 Sample : P2203-17DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CW9DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 22:53:50 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	1001	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2752	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.191	164	1309	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.954	188	2462	0.400	ng/ul	-0.03
17) Chrysene-d12	21.172	240	2142	0.400	ng/ul	-0.02
23) Perylene-d12	23.358	264	2996m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1463	1.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	243	0.067	ng/ul	-0.01
18) Fluoranthene-d10	18.996	212	394	0.058	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.353	128	21372	2.892	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	1793	0.425	ng/ul	96
8) 1-Methylnaphthalene	12.211	142	902	0.191	ng/ul	99
10) Acenaphthylene	13.909	152	4588	0.711	ng/ul#	95
11) Acenaphthene	14.256	153	230	0.048	ng/ul#	90
12) Fluorene	15.260	166	1718	0.335	ng/ul	100
15) Phenanthrene	16.997	178	26362	3.677	ng/ul	93
16) Anthracene	17.094	178	10495	1.564	ng/ul	93
19) Fluoranthene	19.029	202	51260	5.186	ng/ul#	89
20) Pyrene	19.391	202	45050	4.434	ng/ul#	92
21) Benzo(a)anthracene	21.158	228	21833	3.189	ng/ul	91
22) Chrysene	21.210	228	18996	1.804	ng/ul	99
24) Benzo(b)fluoranthene	22.706	252	33312	3.305	ng/ul	89
25) Benzo(k)fluoranthene	22.747	252	12207m	0.959	ng/ul	
26) Benzo(a)pyrene	23.262	252	25917	2.480	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.531	276	21246	1.399	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.548	278	4403	0.365	ng/ul#	90
29) Benzo(g,h,i)perylene	26.198	276	21589	1.582	ng/ul	94

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

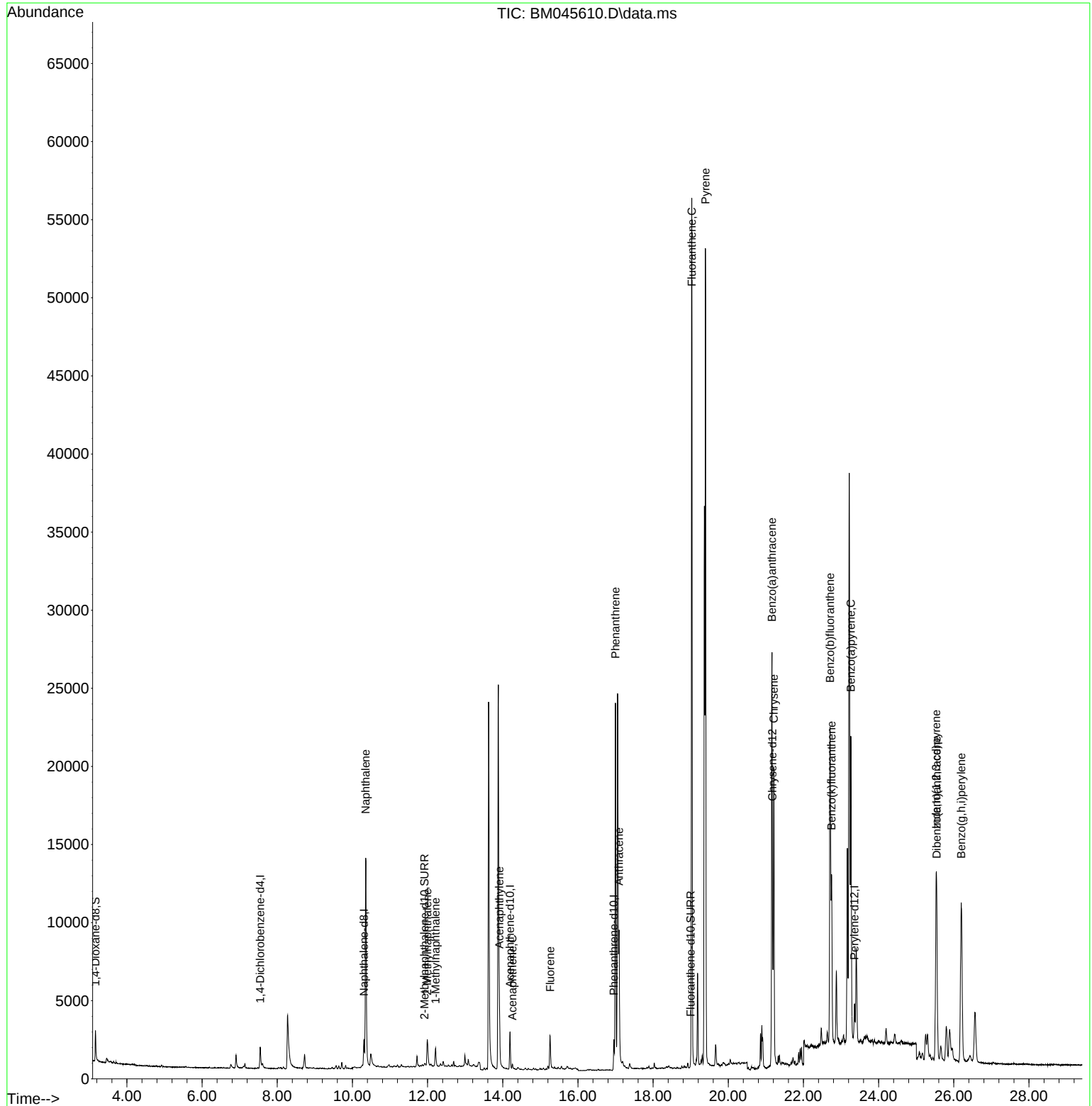
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045610.D
Acq On : 27 Apr 2024 13:31
Operator : MA/JU
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ALS Vial : 5 Sample Multiplier: 1

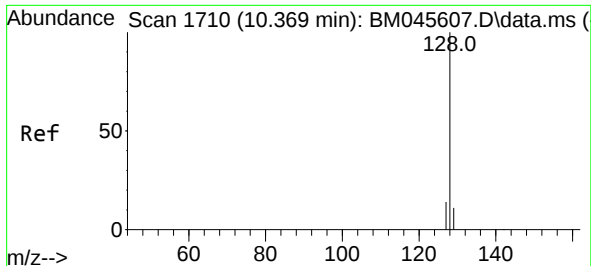
Instrument :
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ClientSampleId :
E1CW9DL

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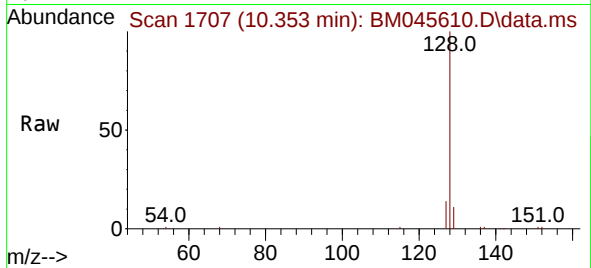
Quant Time: Apr 28 22:53:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.892 ng/ul
RT: 10.353 min Scan# 1710
Delta R.T. -0.027 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

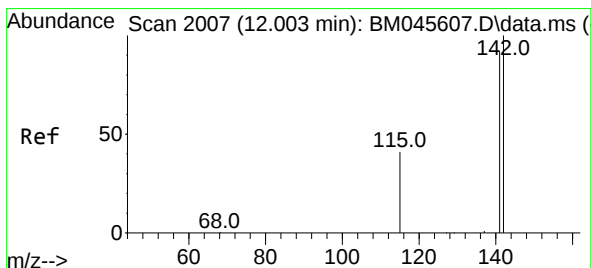
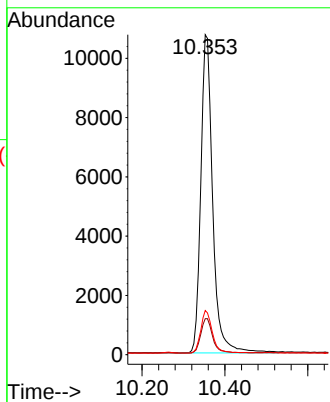
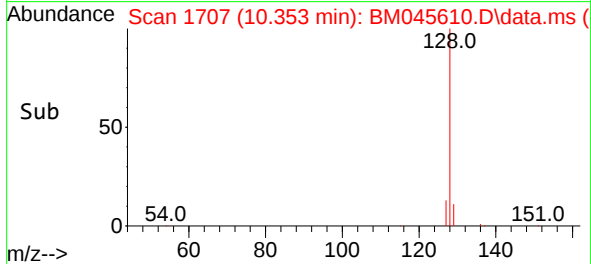
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



Tgt Ion:128 Resp: 21372
Ion Ratio Lower Upper
128 100
129 11.3 14.0 21.0
127 13.8 15.4 23.2

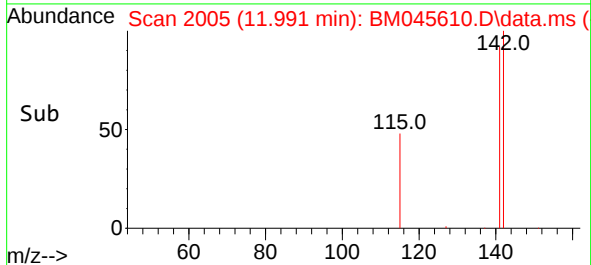
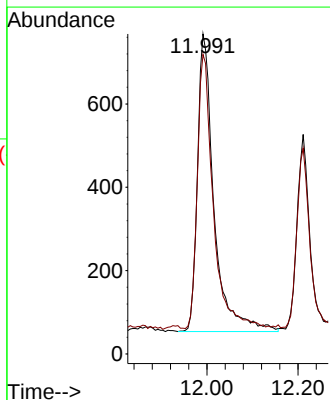
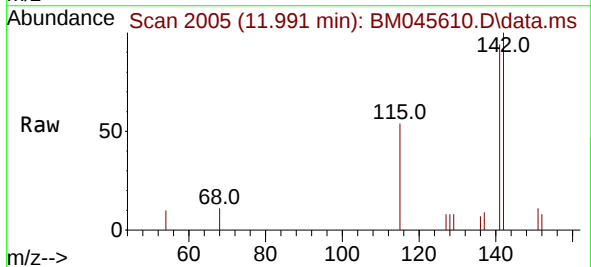
Manual Integrations
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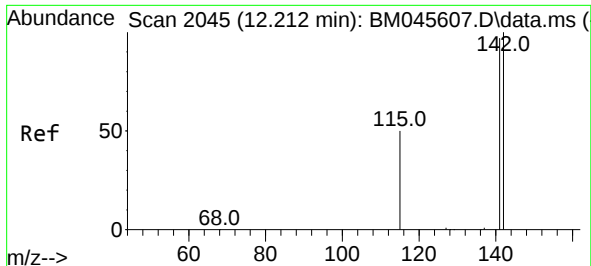
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#7
2-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 11.991 min Scan# 2005
Delta R.T. -0.016 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

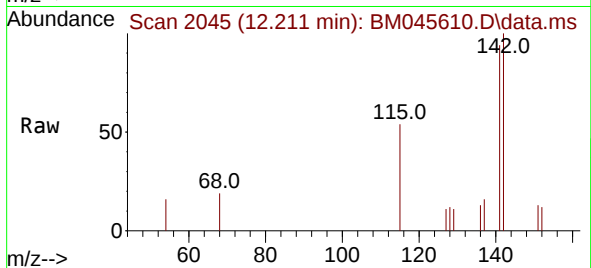
Tgt Ion:142 Resp: 1793
Ion Ratio Lower Upper
142 100
141 89.2 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

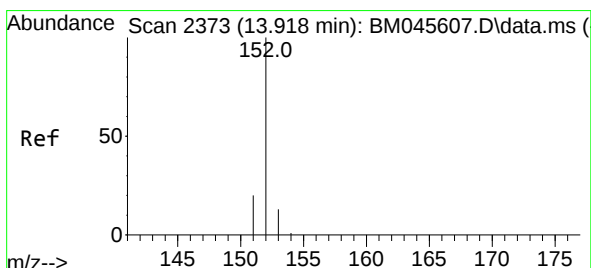
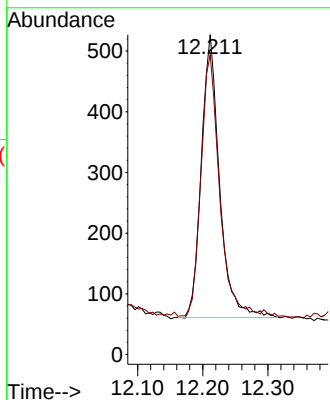
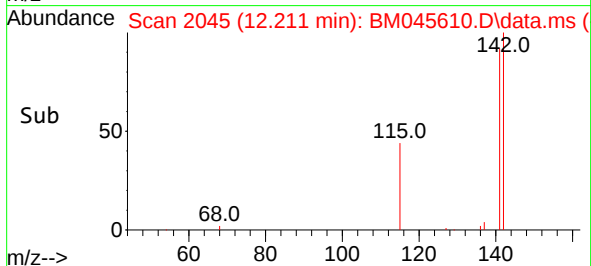
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



Tgt Ion:142 Resp: 902
Ion Ratio Lower Upper
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141 94.1 76.1 114.1

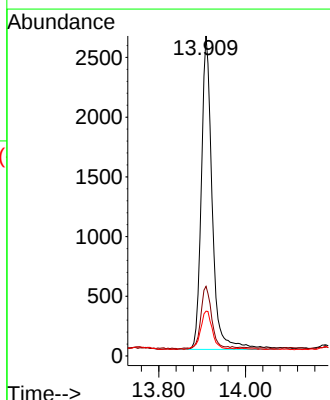
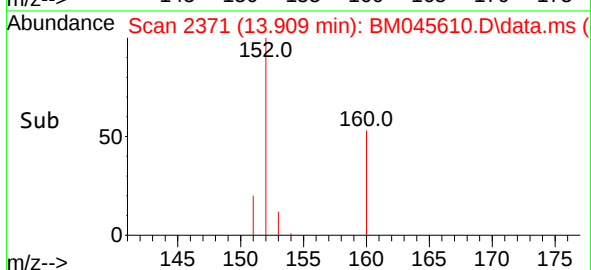
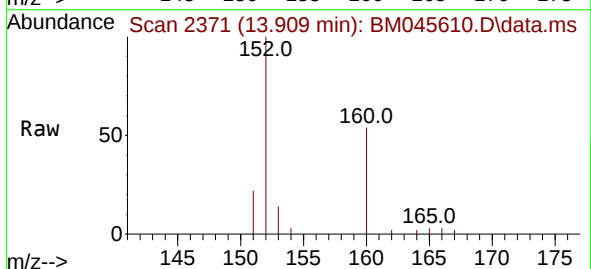
Manual Integrations
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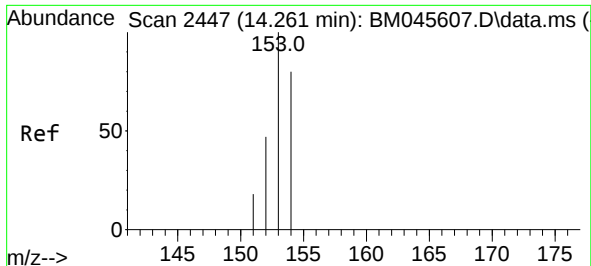
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#10
Acenaphthylene
Concen: 0.711 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

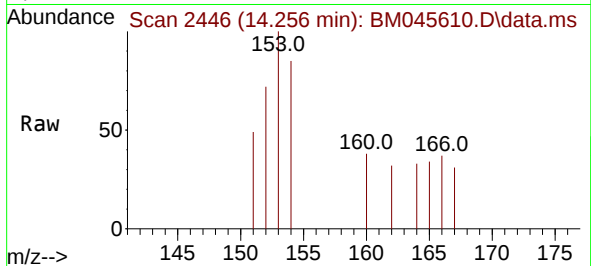
Tgt Ion:152 Resp: 4588
Ion Ratio Lower Upper
152 100
151 21.8 18.6 28.0
153 14.0 14.1 21.1#





#11
Acenaphthene
Concen: 0.048 ng/u1
RT: 14.256 min Scan# 2446
Delta R.T. -0.014 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

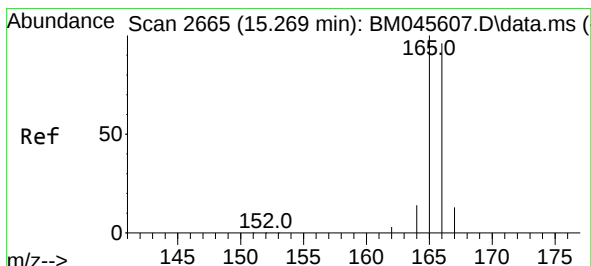
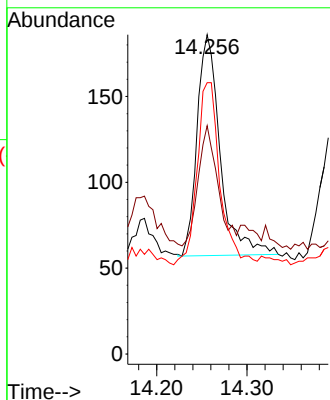
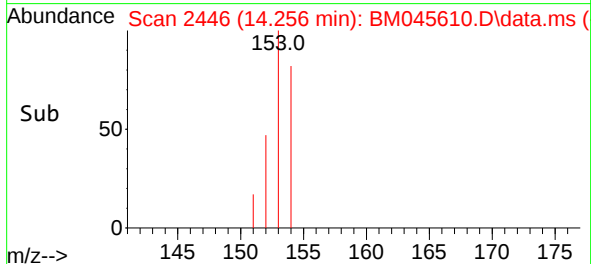
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



Tgt Ion:153 Resp: 230
Ion Ratio Lower Upper
153 100
152 71.5 43.4 65.2
154 84.9 69.0 103.6

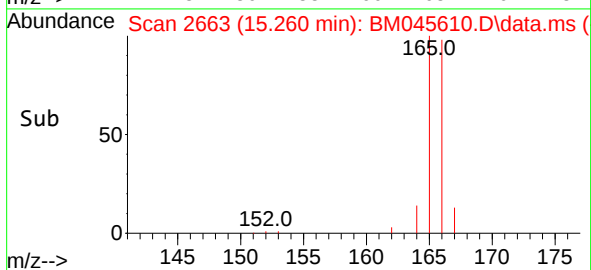
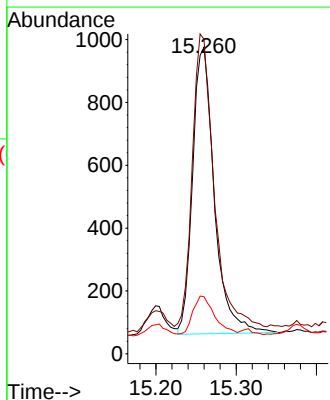
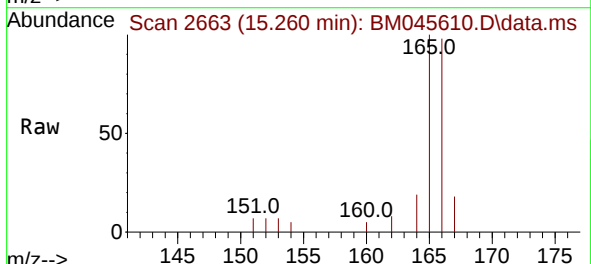
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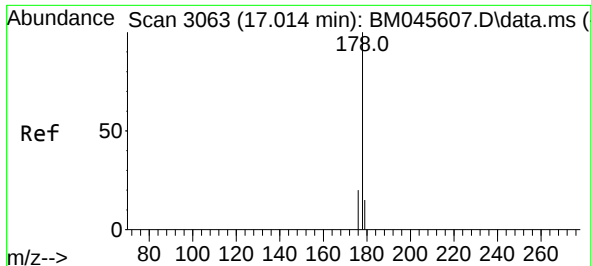
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#12
Fluorene
Concen: 0.335 ng/u1
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

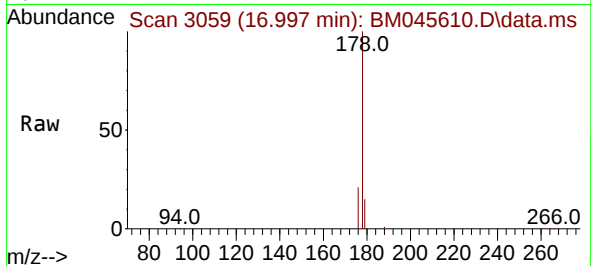
Tgt Ion:166 Resp: 1718
Ion Ratio Lower Upper
166 100
165 102.6 82.2 123.2
167 18.6 14.8 22.2





#15
Phenanthrene
Concen: 3.677 ng/ul
RT: 16.997 min Scan# 3059
Delta R.T. -0.025 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

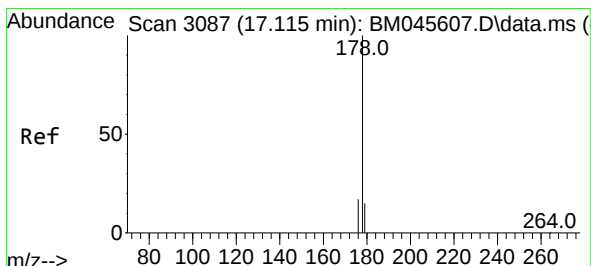
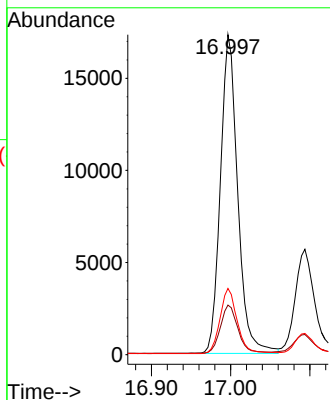
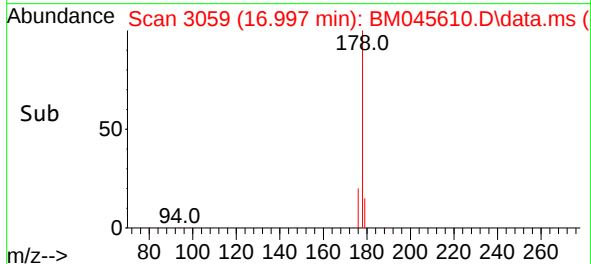
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



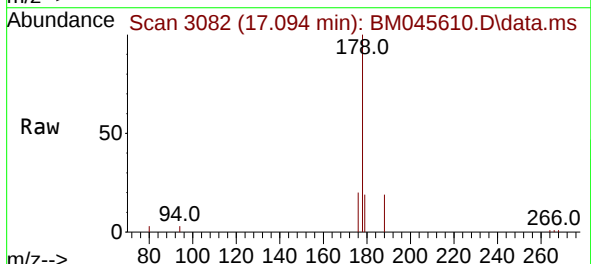
Tgt Ion:178 Resp: 2636
Ion Ratio Lower Upper
178 100
179 15.5 15.4 23.2
176 20.7 19.0 28.4

Manual Integrations
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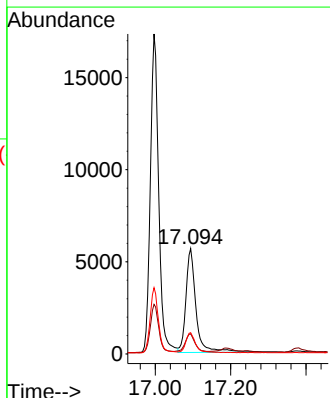
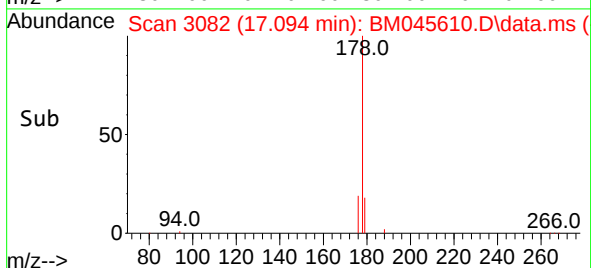
Reviewed By :Jagrut Upadhyay 04/29/2024
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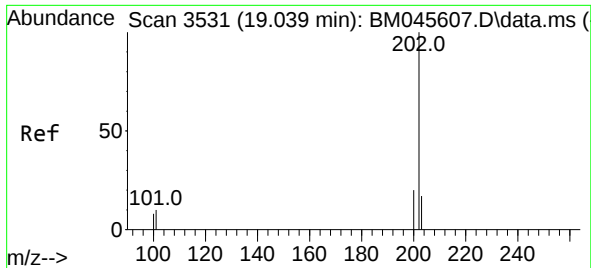


#16
Anthracene
Concen: 1.564 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31



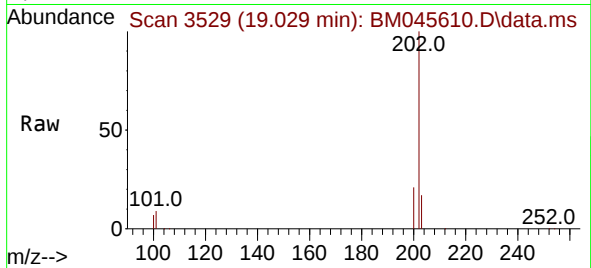
Tgt Ion:178 Resp: 10495
Ion Ratio Lower Upper
178 100
179 19.1 17.8 26.6
176 20.2 18.7 28.1





#19
Fluoranthene
Concen: 5.186 ng/u1
RT: 19.029 min Scan# 3529
Delta R.T. -0.019 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

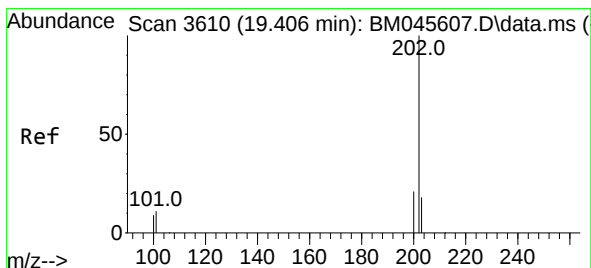
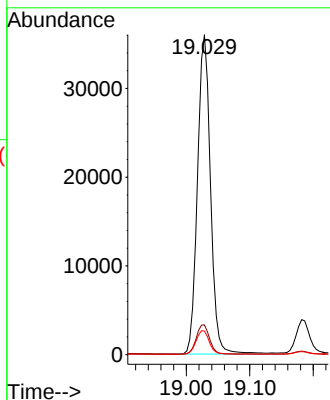
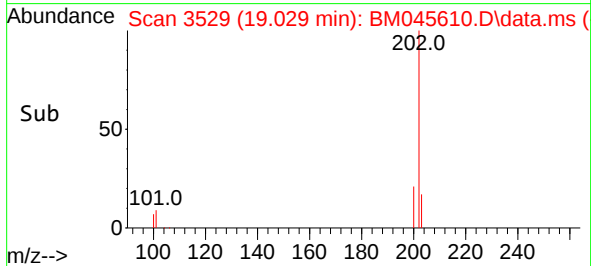
Instrument :
BNA_M
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E1CW9DL



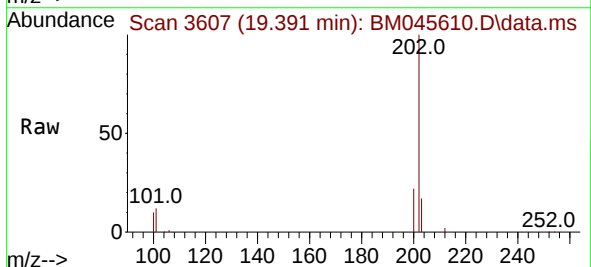
Tgt Ion:202 Resp: 51260
Ion Ratio Lower Upper
202 100
101 9.3 11.2 16.8
100 7.4 9.1 13.7

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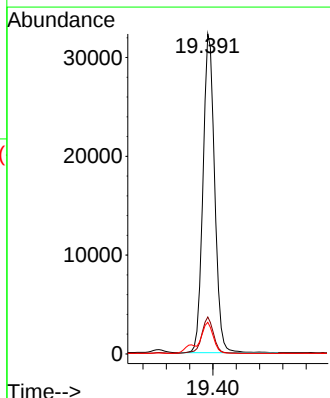
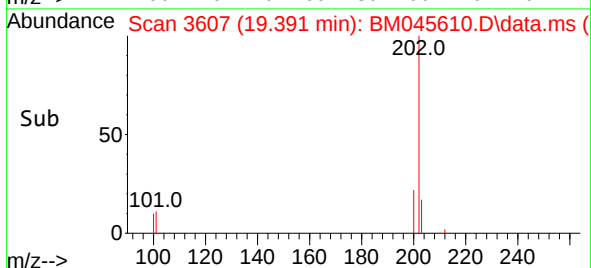
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

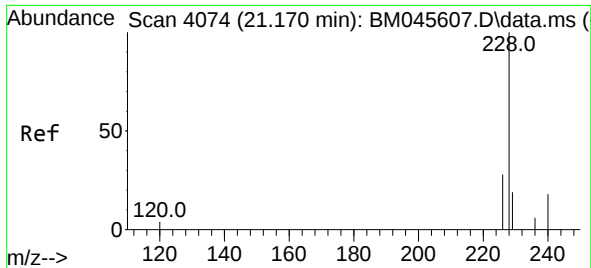


#20
Pyrene
Concen: 4.434 ng/u1
RT: 19.391 min Scan# 3607
Delta R.T. -0.024 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31



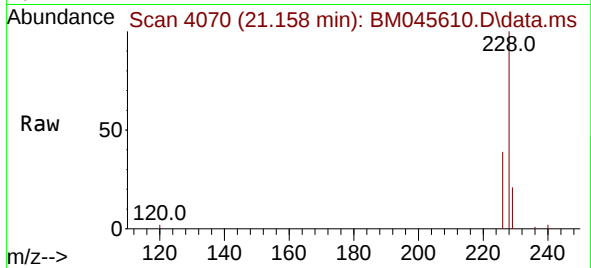
Tgt Ion:202 Resp: 45050
Ion Ratio Lower Upper
202 100
101 11.6 11.5 17.3
100 9.9 10.6 15.8





#21
Benzo(a)anthracene
Concen: 3.189 ng/ul
RT: 21.158 min Scan# 4070
Delta R.T. -0.024 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

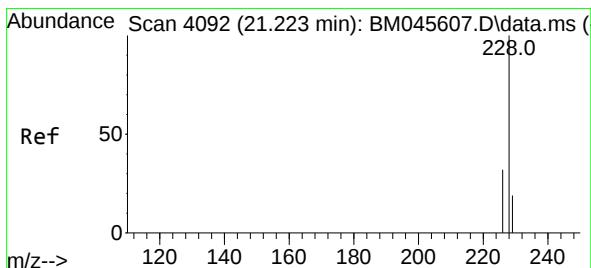
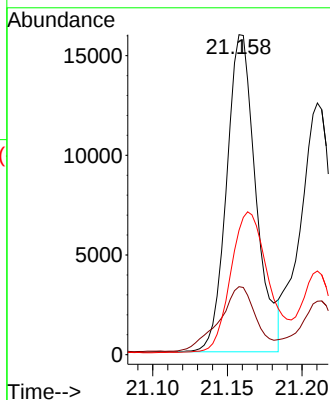
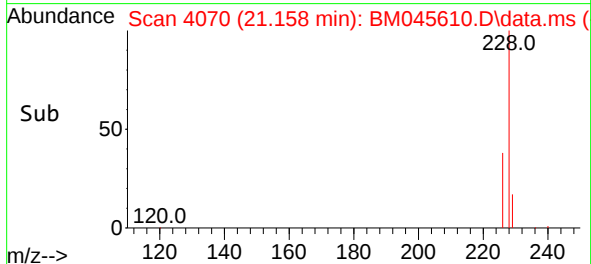
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



Tgt Ion:228 Resp: 2183
Ion Ratio Lower Upper
228 100
229 21.2 19.4 29.2
226 38.9 26.3 39.5

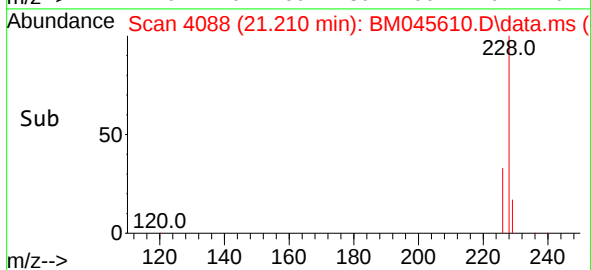
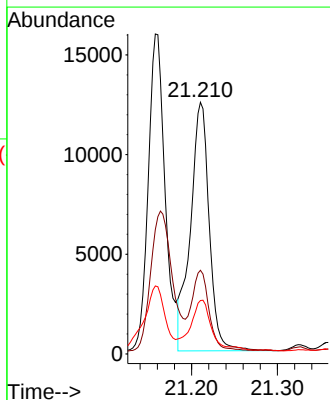
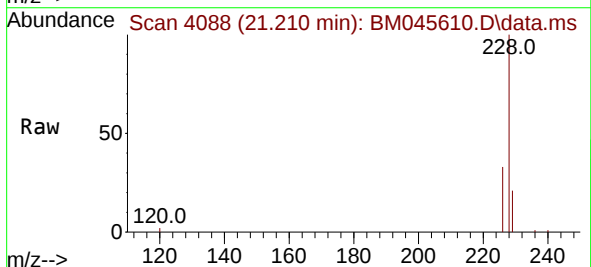
Manual Integrations
APPROVED

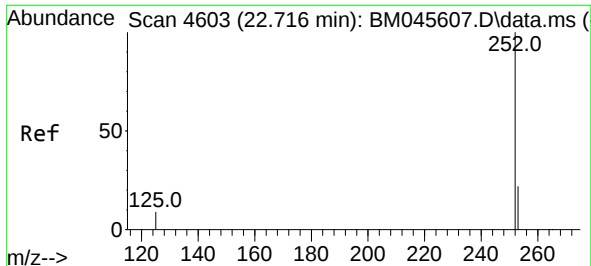
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#22
Chrysene
Concen: 1.804 ng/ul
RT: 21.210 min Scan# 4088
Delta R.T. -0.018 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

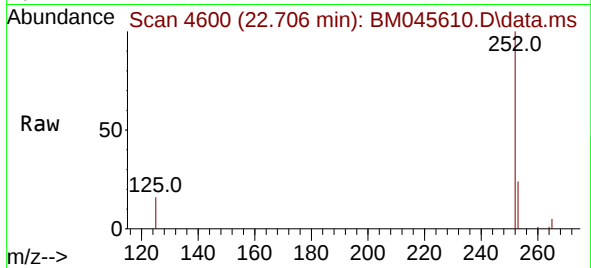
Tgt Ion:228 Resp: 18996
Ion Ratio Lower Upper
228 100
226 33.3 26.3 39.5
229 21.2 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 3.305 ng/ul
RT: 22.706 min Scan# 4600
Delta R.T. -0.024 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

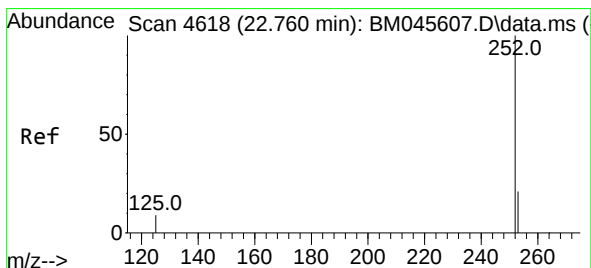
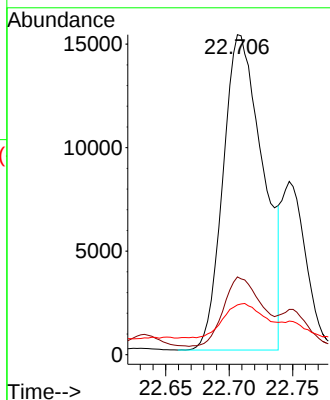
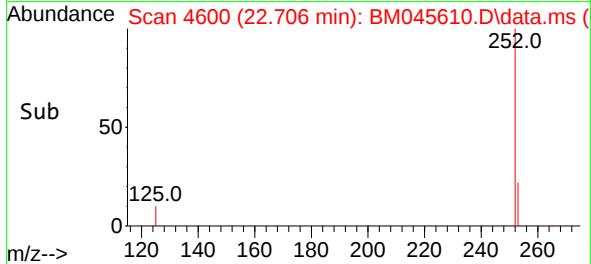
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



Tgt Ion:252 Resp: 33312
Ion Ratio Lower Upper
252 100
253 24.3 0.0 63.4
125 15.5 0.0 36.8

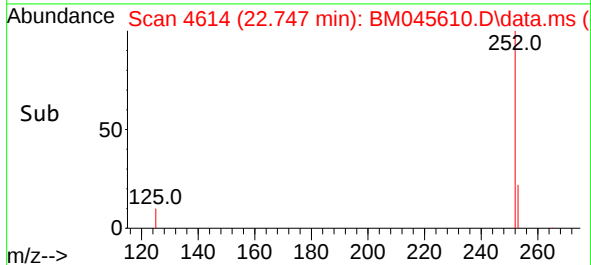
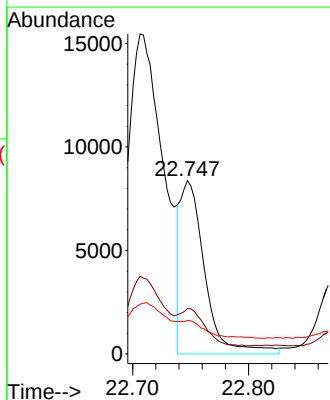
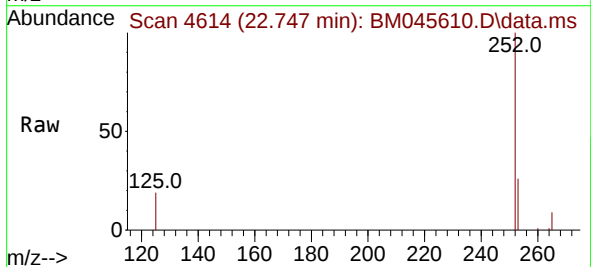
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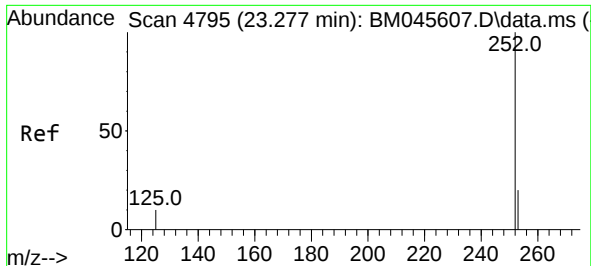
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.959 ng/ul m
RT: 22.747 min Scan# 4614
Delta R.T. -0.024 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

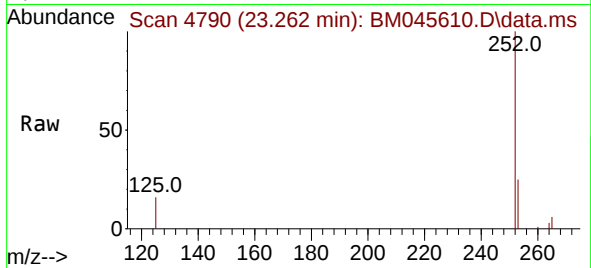
Tgt Ion:252 Resp: 12207
Ion Ratio Lower Upper
252 100
253 26.1 25.4 38.0
125 19.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.480 ng/ul
RT: 23.262 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

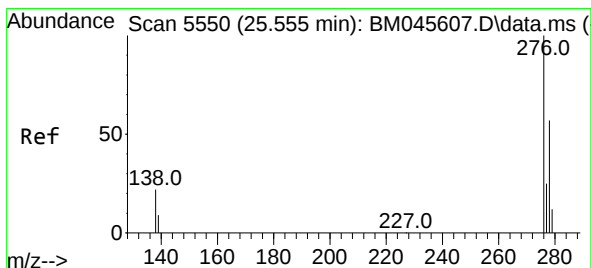
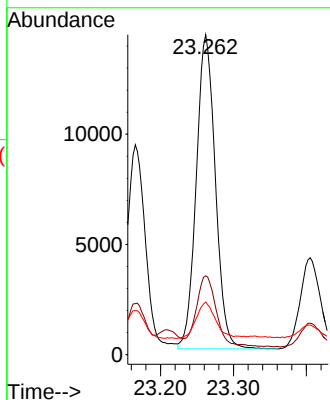
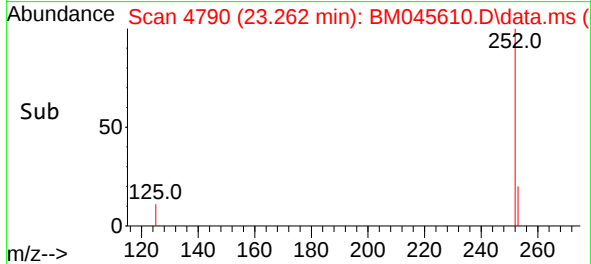
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



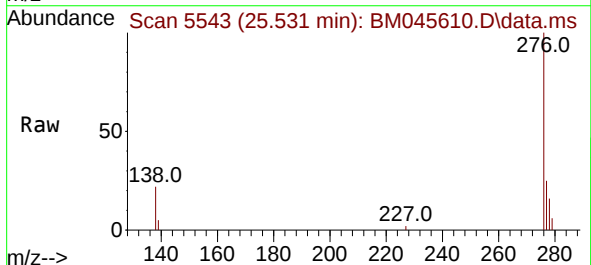
Tgt Ion:252 Resp: 2591
Ion Ratio Lower Upper
252 100
253 24.7 31.6 47.4
125 16.5 19.5 29.3

Manual Integrations
APPROVED

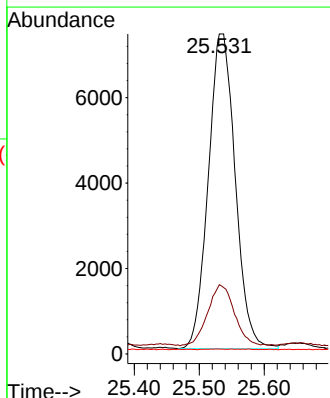
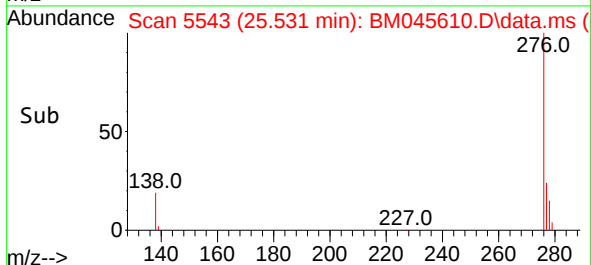
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

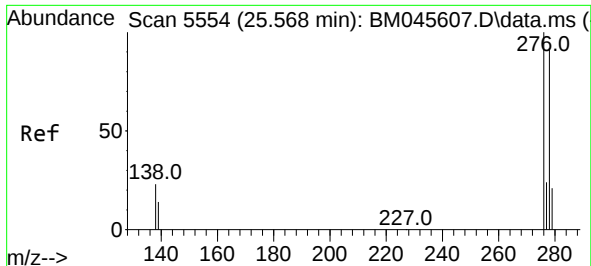


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.399 ng/ul
RT: 25.531 min Scan# 5543
Delta R.T. -0.041 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31



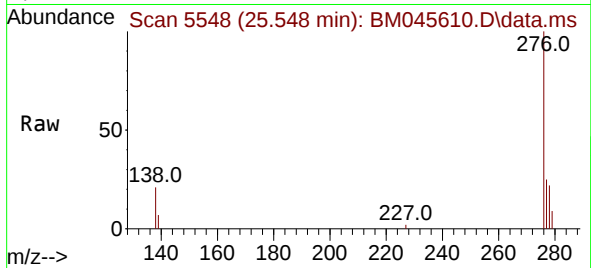
Tgt Ion:276 Resp: 21246
Ion Ratio Lower Upper
276 100
138 19.4 19.8 29.6
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.548 min Scan# 51
Delta R.T. -0.040 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31

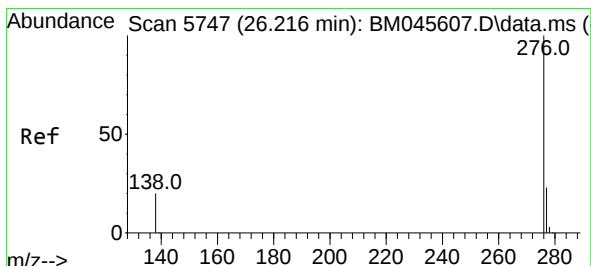
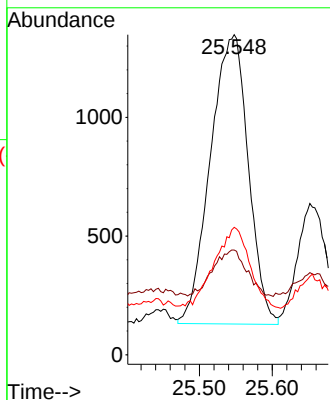
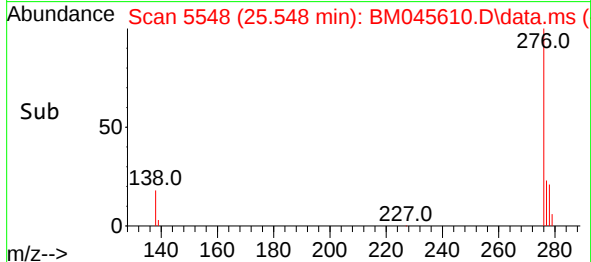
Instrument :
BNA_M
ClientSampleId :
E1CW9DL



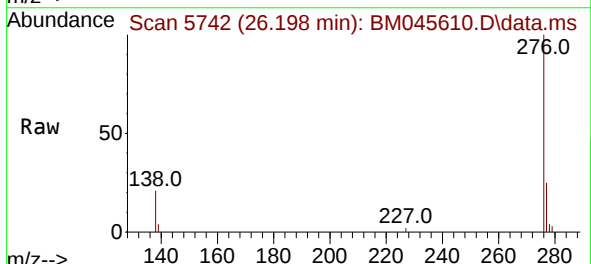
Tgt Ion:278 Resp: 440
Ion Ratio Lower Upper
278 100
139 32.7 19.0 28.6
279 39.8 29.4 44.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.582 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.037 min
Lab File: BM045610.D
Acq: 27 Apr 2024 13:31



Tgt Ion:276 Resp: 21589
Ion Ratio Lower Upper
276 100
138 21.5 20.8 31.2
277 25.2 21.8 32.8

