

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043063.D
 Acq On : 27 Nov 2023 23:39
 Operator : MA/JU
 Sample : 05416-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 01:10:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	852m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2538	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1536m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3277	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.406	240	2371	0.400	ng/ul	#-0.02
23) Perylene-d12	23.759	264	1903m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1323	1.012	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	248	0.073	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	713	0.083	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	499	0.072	ng/ul#	80
7) 2-Methylnaphthalene	12.305	142	451	0.111	ng/ul	93
8) 1-Methylnaphthalene	12.508	142	297	0.065	ng/ul	95
10) Acenaphthylene	14.182	152	366	0.047	ng/ul#	70
11) Acenaphthene	14.519	153	119	0.020	ng/ul#	92
12) Fluorene	15.514	166	183	0.030	ng/ul#	87
15) Phenanthrene	17.250	178	3020	0.323	ng/ul	99
16) Anthracene	17.250	178	2919	0.329	ng/ul	94
19) Fluoranthene	19.270	202	7479	0.556	ng/ul#	94
20) Pyrene	19.633	202	6993	0.489	ng/ul	96
21) Benzo(a)anthracene	21.389	228	3262	0.424	ng/ul	98
22) Chrysene	21.444	228	3057	0.213	ng/ul	96
24) Benzo(b)fluoranthene	23.028	252	3933	0.612	ng/ul	97
25) Benzo(k)fluoranthene	23.072	252	1422m	0.161	ng/ul	
26) Benzo(a)pyrene	23.645	252	2073	0.296	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.225	276	1522	0.160	ng/ul#	100
29) Benzo(g,h,i)perylene	26.997	276	1362	0.148	ng/ul#	86

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

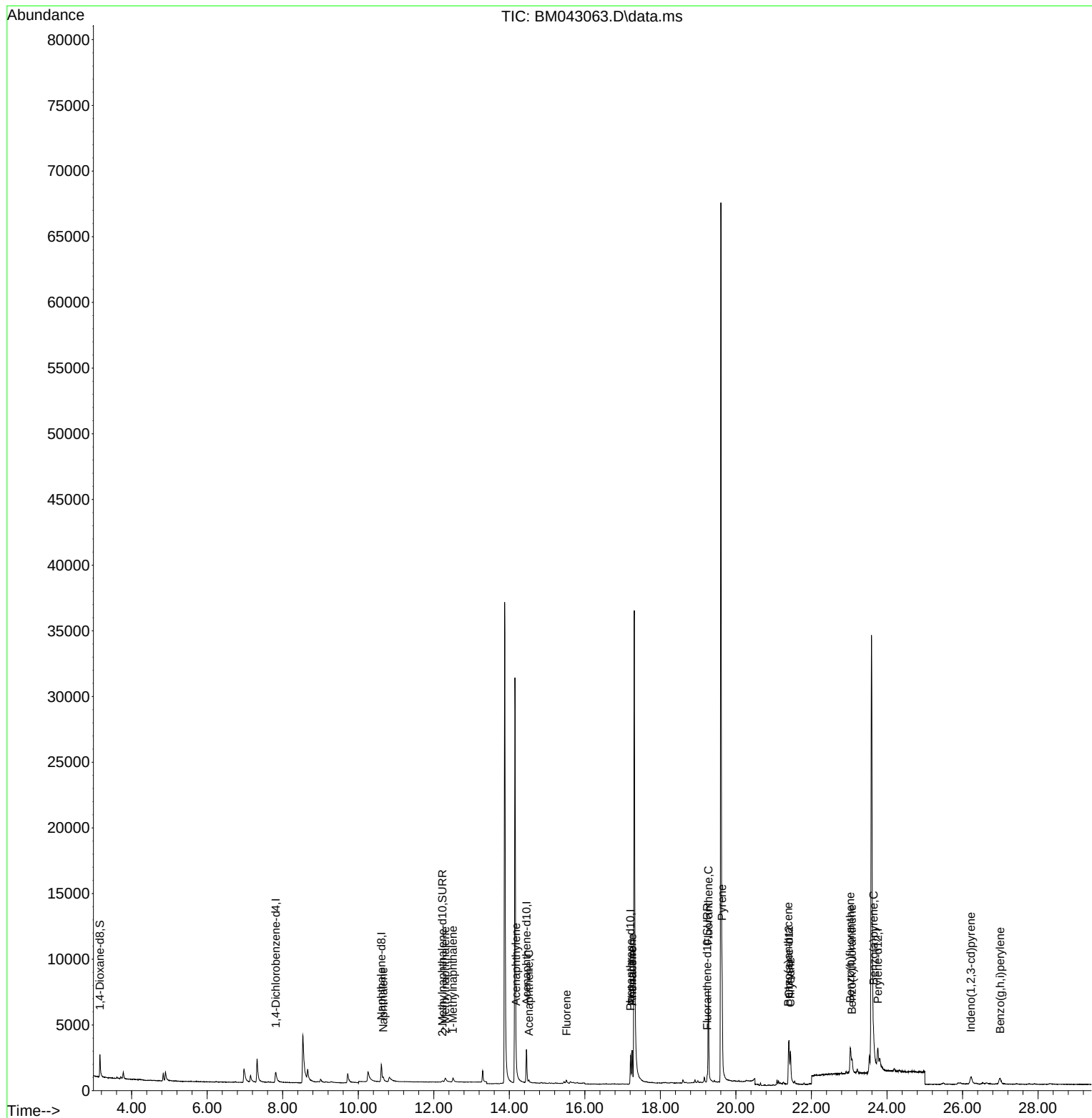
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043063.D
Acq On : 27 Nov 2023 23:39
Operator : MA/JU
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ALS Vial : 21 Sample Multiplier: 1

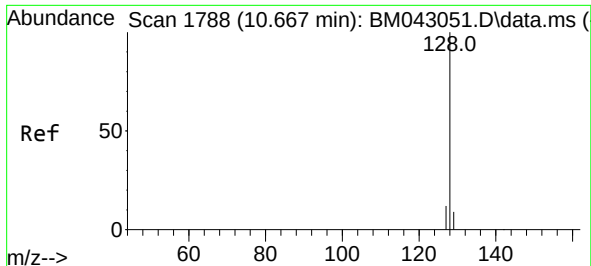
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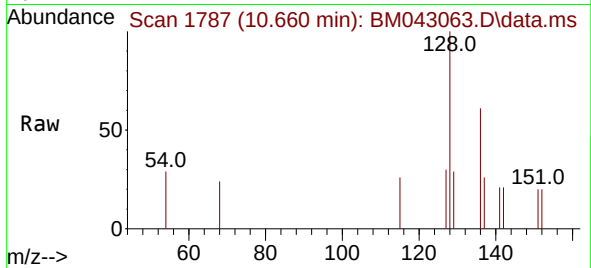
Quant Time: Nov 28 01:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.660 min Scan# 1788
Delta R.T. -0.038 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

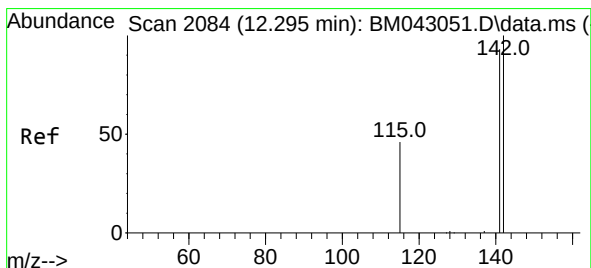
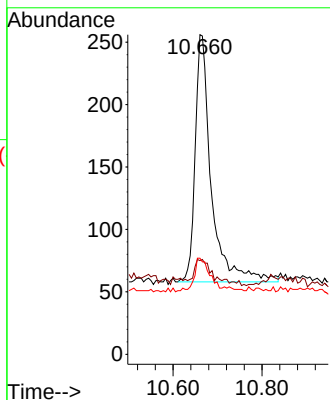
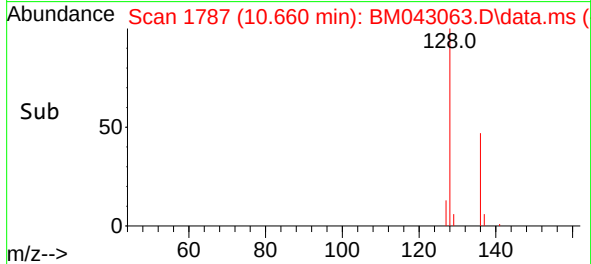
Instrument :
BNA_M
ClientSampleId :
C0AJ9



Tgt Ion:128 Resp: 499
Ion Ratio Lower Upper
128 100
129 29.3 16.0 24.0
127 30.1 16.5 24.7

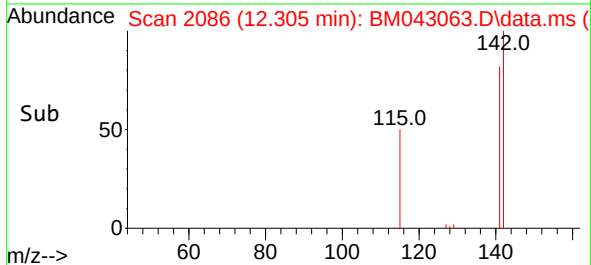
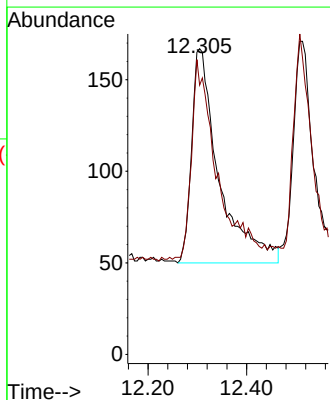
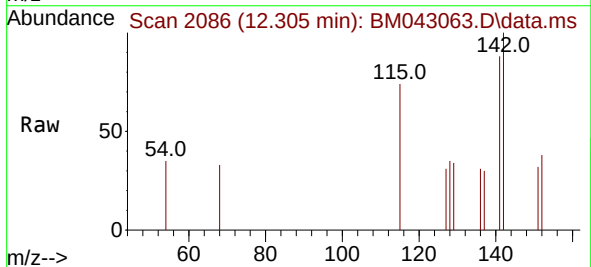
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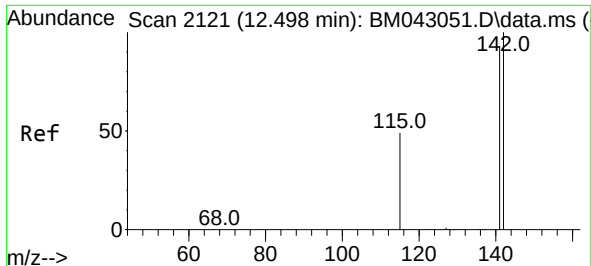
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.305 min Scan# 2086
Delta R.T. -0.027 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

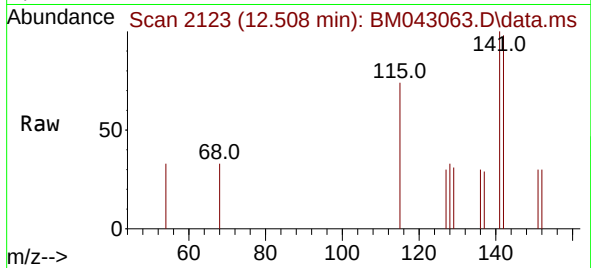
Tgt Ion:142 Resp: 451
Ion Ratio Lower Upper
142 100
141 88.0 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.508 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

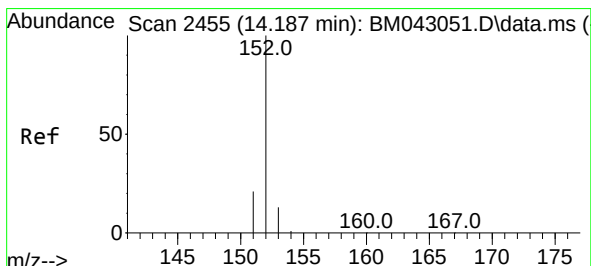
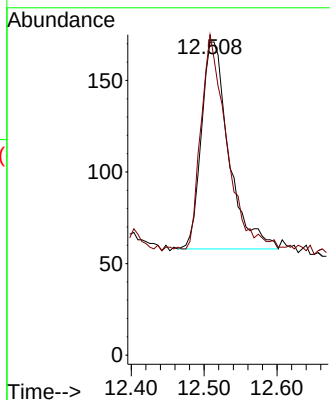
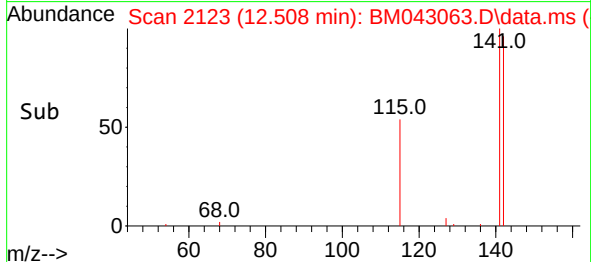
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BNA_M
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Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
141 97.0 73.8 110.8

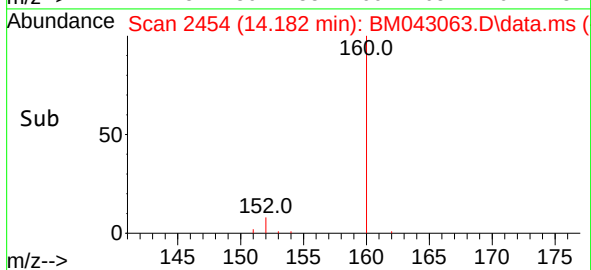
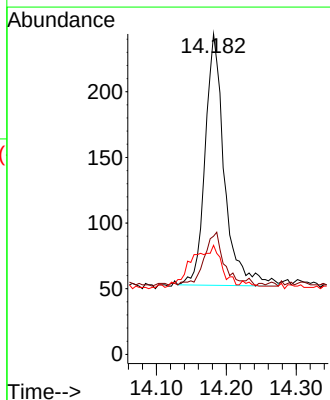
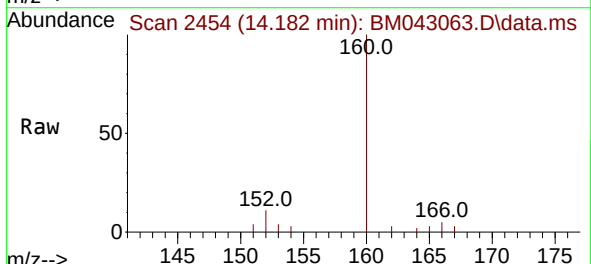
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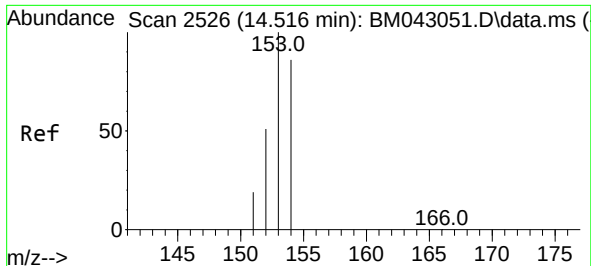
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.023 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

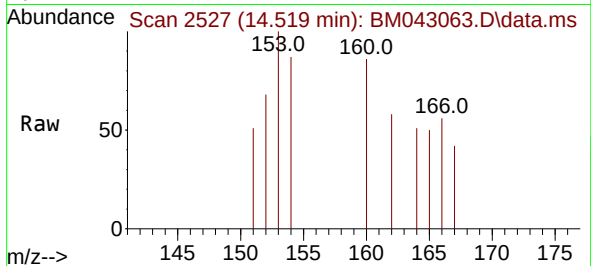
Tgt Ion:152 Resp: 366
Ion Ratio Lower Upper
152 100
151 36.9 19.4 29.0#
153 34.0 14.6 21.8#





#11
Acenaphthene
Concen: 0.020 ng/u1
RT: 14.519 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

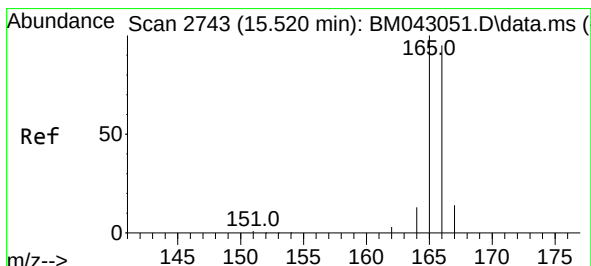
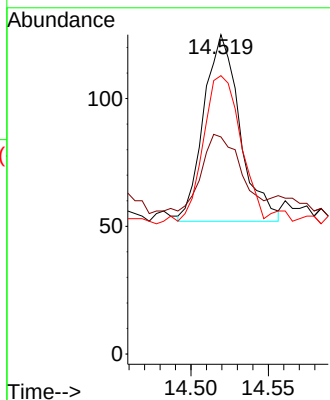
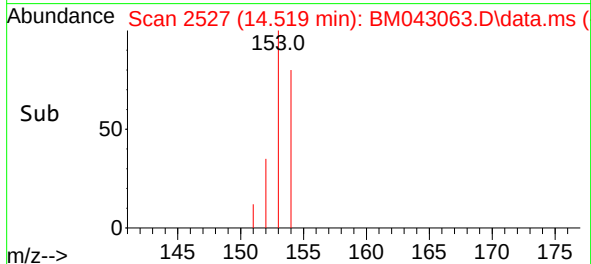
Instrument :
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ClientSampleId :
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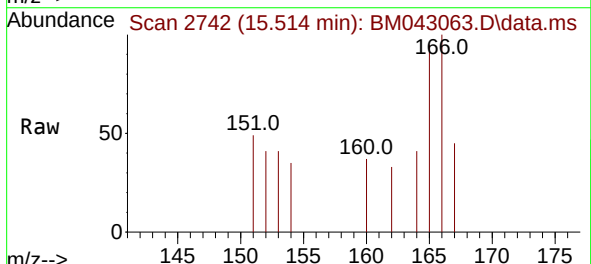
Tgt Ion:153 Resp: 119
Ion Ratio Lower Upper
153 100
152 68.0 43.9 65.9
154 87.2 70.6 105.8

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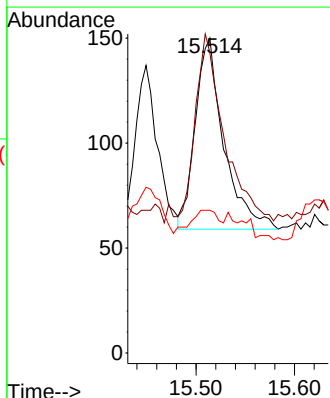
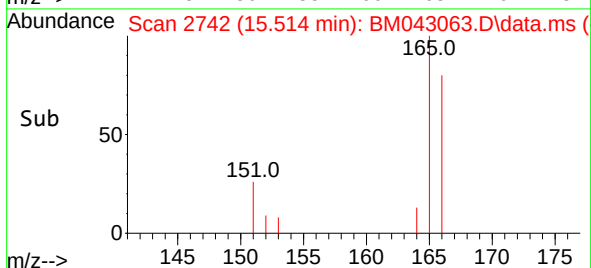
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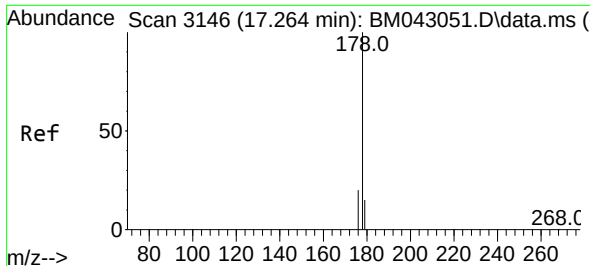


#12
Fluorene
Concen: 0.030 ng/u1
RT: 15.514 min Scan# 2742
Delta R.T. -0.023 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39



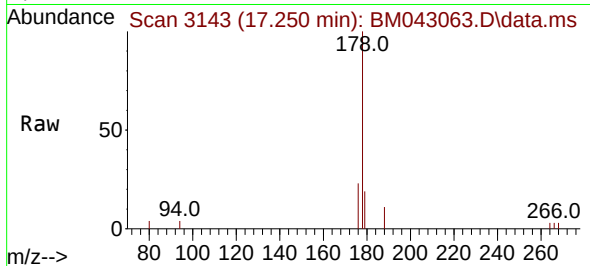
Tgt Ion:166 Resp: 183
Ion Ratio Lower Upper
166 100
165 95.3 79.9 119.9
167 45.3 14.2 21.4#





#15
Phenanthrene
Concen: 0.323 ng/u1
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

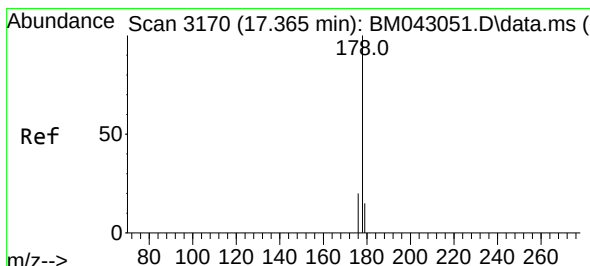
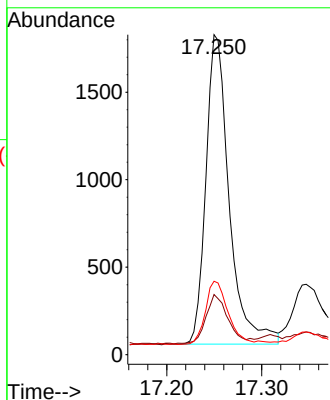
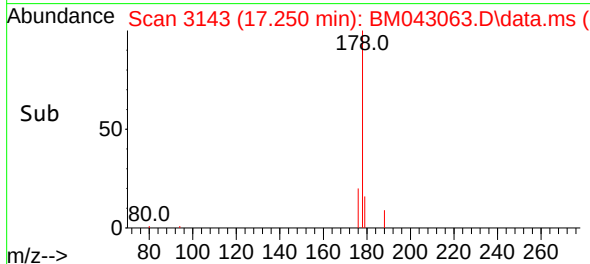
Instrument :
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ClientSampleId :
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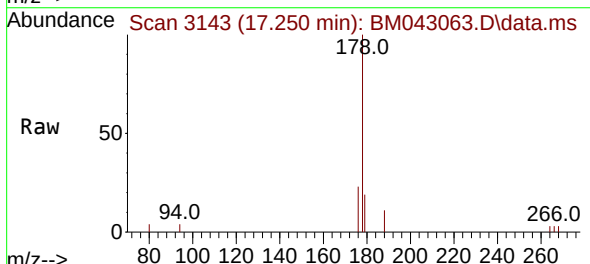
Tgt Ion:178 Resp: 3020
Ion Ratio Lower Upper
178 100
179 18.8 15.7 23.5
176 23.0 18.9 28.3

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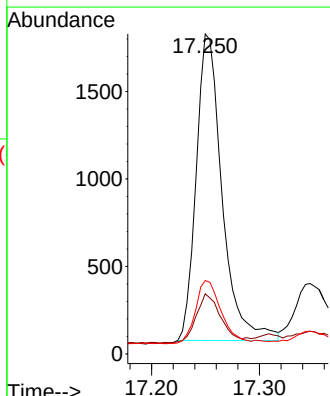
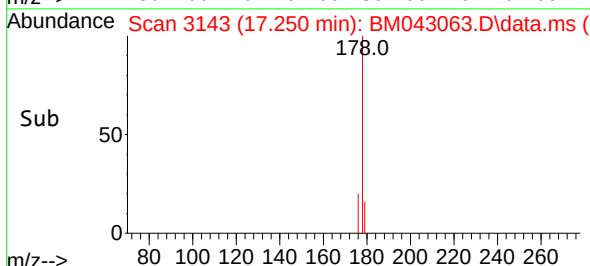
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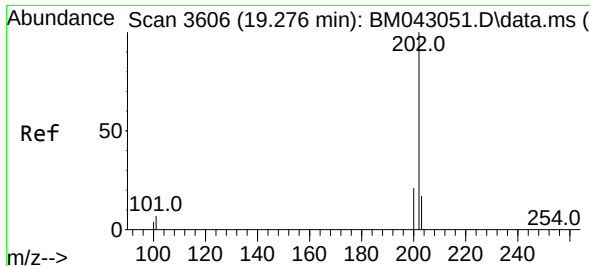


#16
Anthracene
Concen: 0.329 ng/u1
RT: 17.250 min Scan# 3143
Delta R.T. -0.143 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39



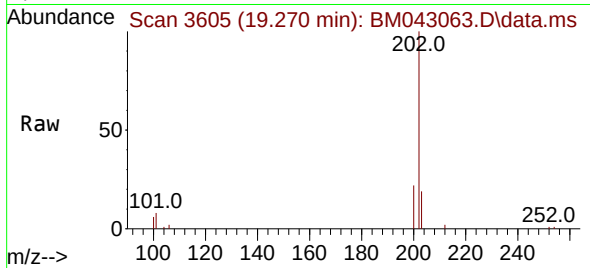
Tgt Ion:178 Resp: 2919
Ion Ratio Lower Upper
178 100
179 18.8 17.3 25.9
176 23.0 20.5 30.7





#19
Fluoranthene
Concen: 0.556 ng/u1
RT: 19.270 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

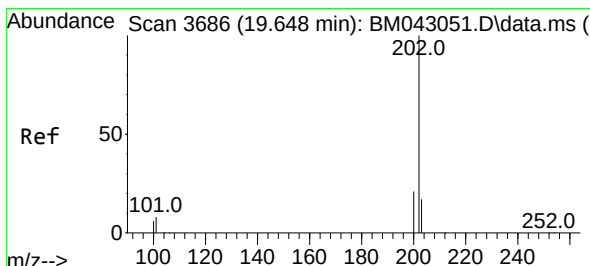
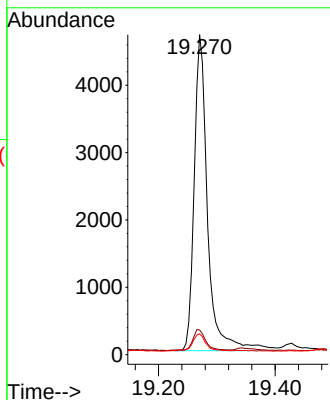
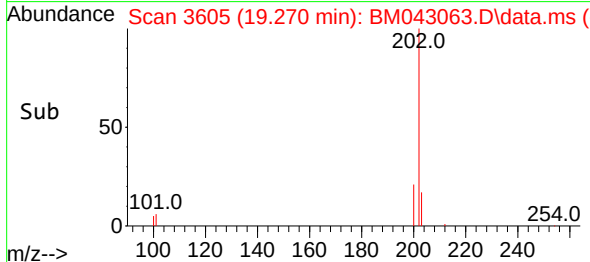
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Tgt Ion:202 Resp: 7479
Ion Ratio Lower Upper
202 100
101 7.7 7.8 11.8
100 6.5 7.1 10.7

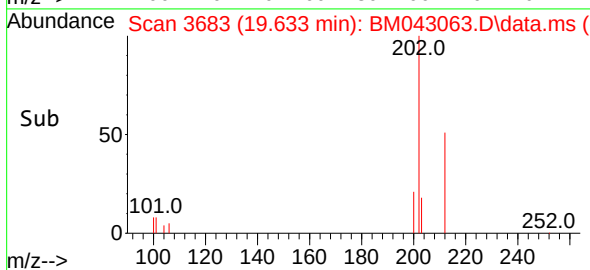
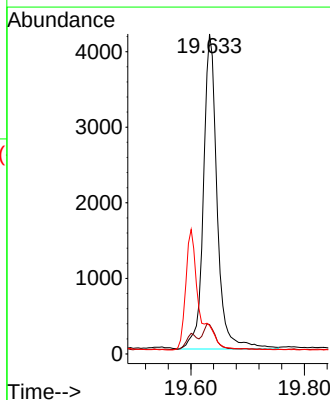
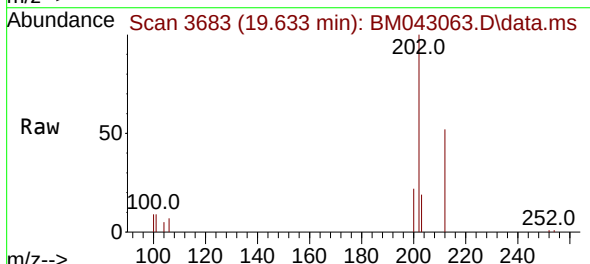
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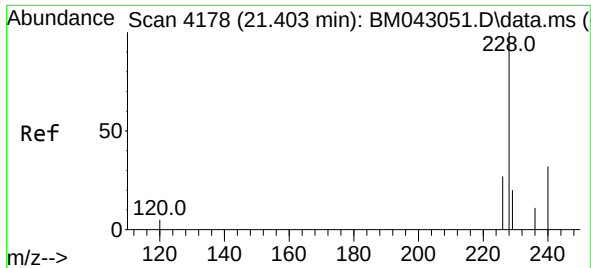
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#20
Pyrene
Concen: 0.489 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

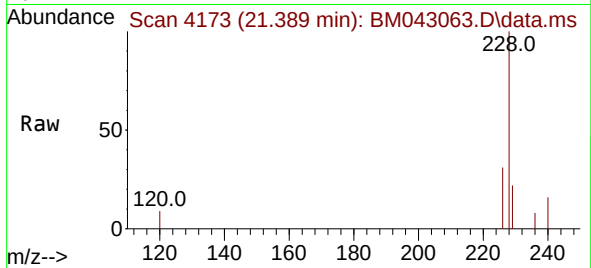
Tgt Ion:202 Resp: 6993
Ion Ratio Lower Upper
202 100
101 9.2 8.7 13.1
100 8.9 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.424 ng/u1
RT: 21.389 min Scan# 4173
Delta R.T. -0.023 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

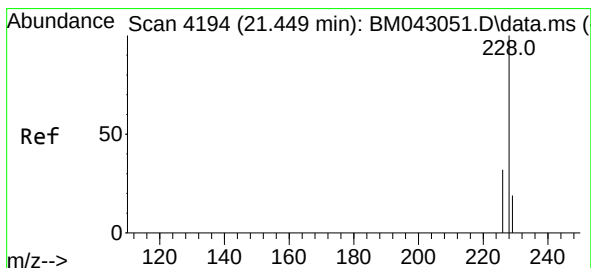
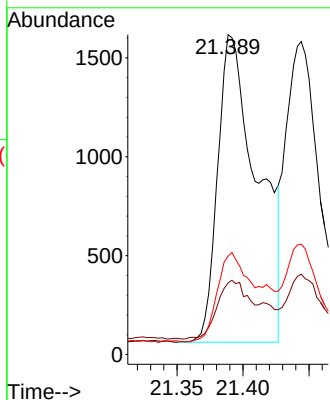
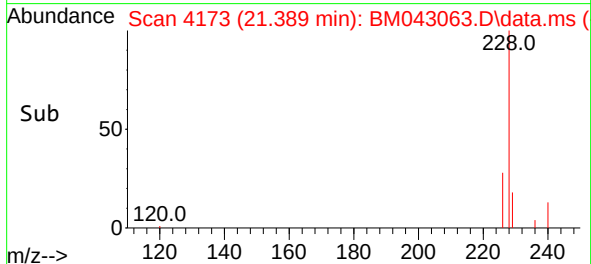
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 326
Ion Ratio Lower Upper
228 100
229 22.4 19.4 29.0
226 30.8 24.9 37.3

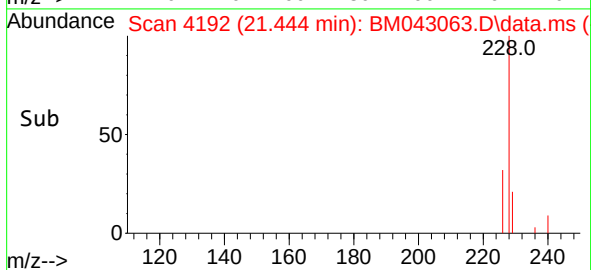
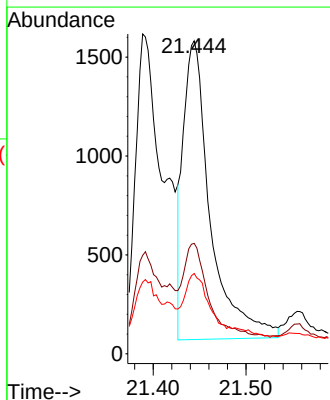
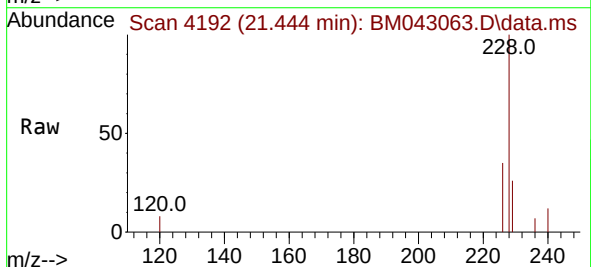
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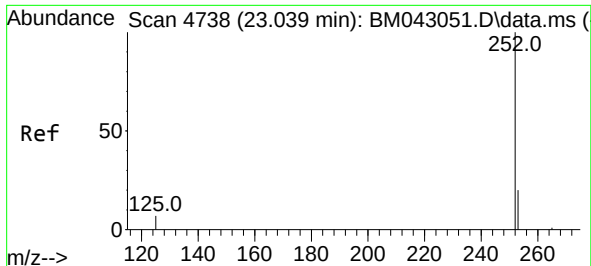
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.213 ng/u1
RT: 21.444 min Scan# 4192
Delta R.T. -0.014 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

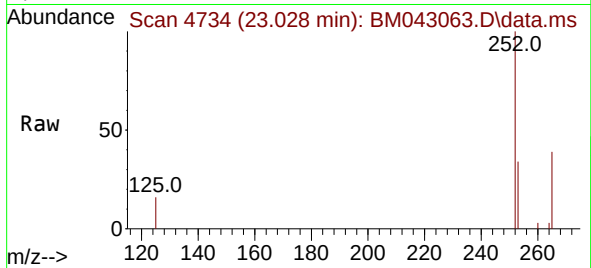
Tgt Ion:228 Resp: 3057
Ion Ratio Lower Upper
228 100
226 35.3 27.2 40.8
229 25.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 0.612 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.023 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

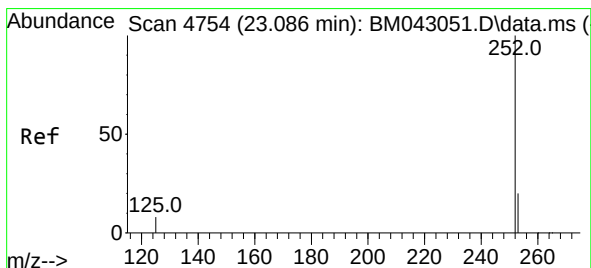
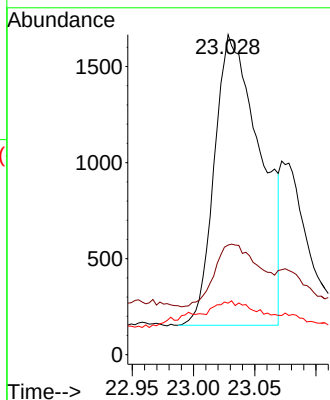
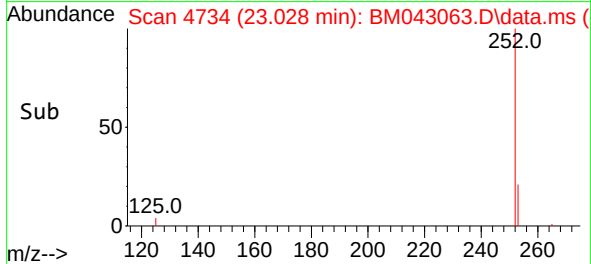
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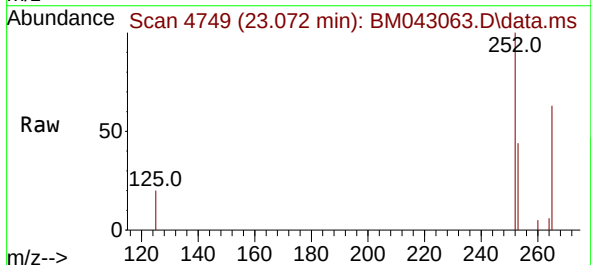
Tgt Ion:252 Resp: 393
Ion Ratio Lower Upper
252 100
253 34.3 0.0 71.8
125 16.1 0.0 29.0

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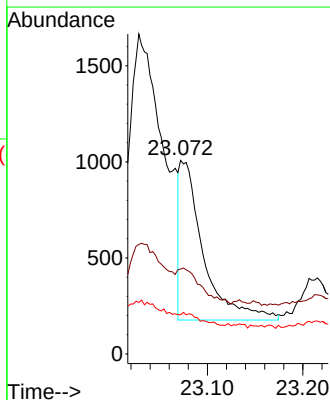
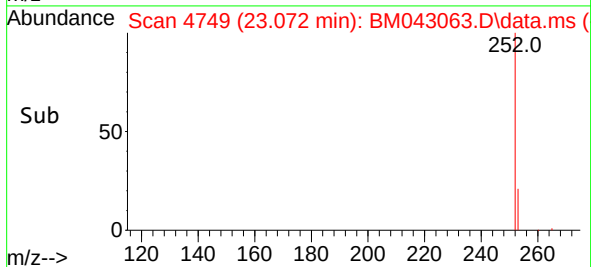
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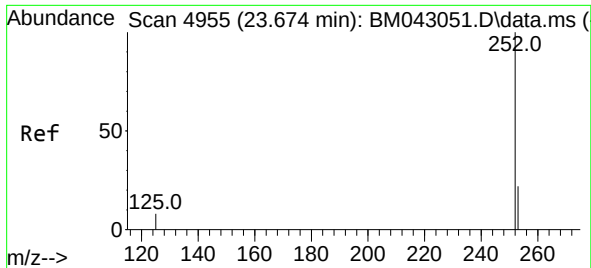


#25
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 23.072 min Scan# 4749
Delta R.T. -0.026 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39



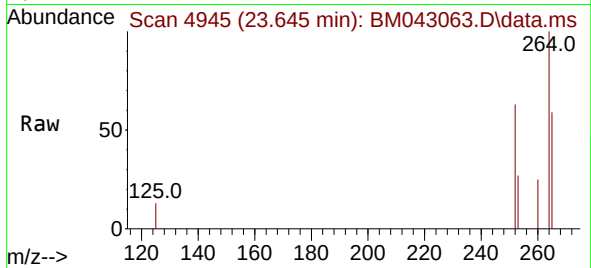
Tgt Ion:252 Resp: 1422
Ion Ratio Lower Upper
252 100
253 43.8 28.2 42.2#
125 20.2 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.296 ng/ul
RT: 23.645 min Scan# 4955
Delta R.T. -0.041 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

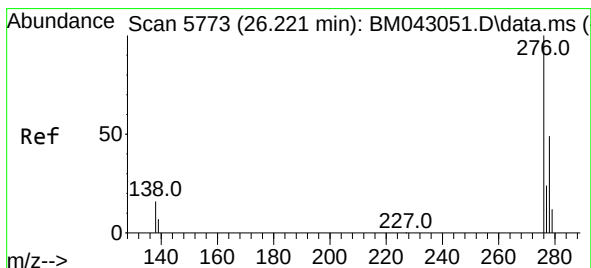
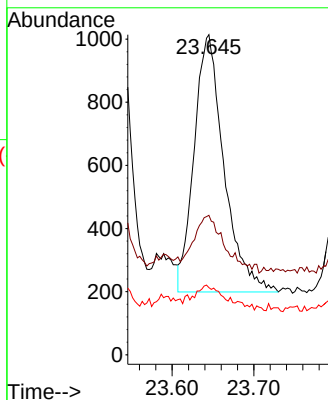
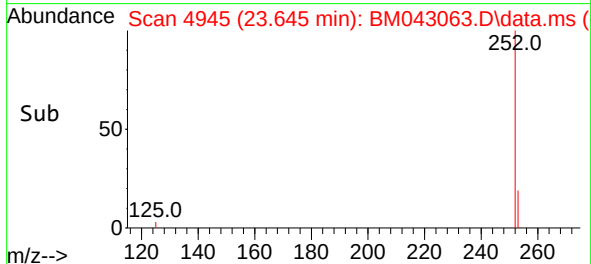
Instrument :
BNA_M
ClientSampleId :
C0AJ9



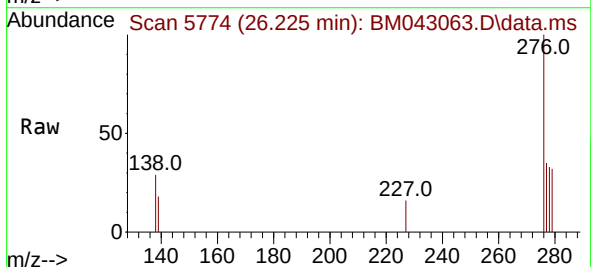
Tgt Ion:252 Resp: 207
Ion Ratio Lower Upper
252 100
253 43.6 36.6 55.0
125 21.0 16.2 24.4

Manual Integrations
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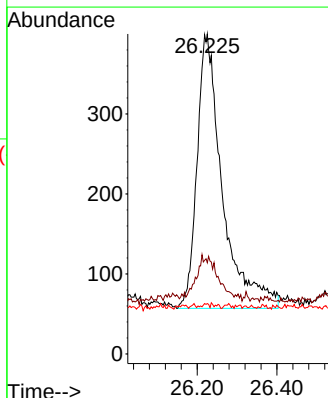
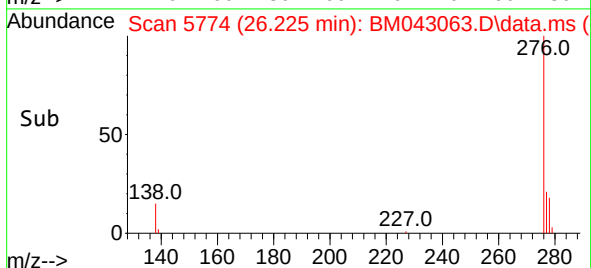
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

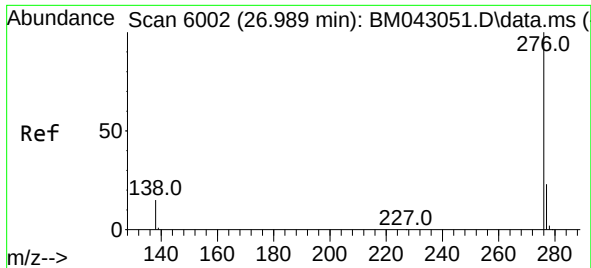


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.225 min Scan# 5774
Delta R.T. -0.013 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39



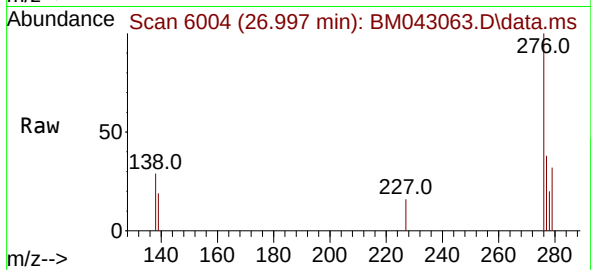
Tgt Ion:276 Resp: 1522
Ion Ratio Lower Upper
276 100
138 14.3 0.0 0.0#
227 0.5 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.148 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043063.D
Acq: 27 Nov 2023 23:39

Instrument :
BNA_M
ClientSampleId :
C0AJ9



Tgt Ion:276 Resp: 1362
Ion Ratio Lower Upper
276 100
138 29.0 17.8 26.8
277 37.6 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

