

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040443.D
 Acq On : 29 Jun 2023 18:35
 Operator : MA/JU
 Sample : 03143-19DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFV6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:06:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	7537	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	26309	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	11789	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	20834	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13296	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	14662	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	5305	0.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1085	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1448	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	4175	0.058	ng/ul#	89
7) 2-Methylnaphthalene	12.417	142	2215	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	1860	0.044	ng/ul	100
10) Acenaphthylene	14.309	152	10672	0.203	ng/ul	97
11) Acenaphthene	14.646	153	3289	0.074	ng/ul	96
12) Fluorene	15.632	166	3013	0.063	ng/ul#	95
15) Phenanthrene	17.374	178	99447	1.537	ng/ul	98
16) Anthracene	17.463	178	18039	0.332	ng/ul	97
19) Fluoranthene	19.384	202	247165	4.376	ng/ul	97
20) Pyrene	19.747	202	186891	3.087	ng/ul	99
21) Benzo(a)anthracene	21.491	228	85153	1.893	ng/ul	98
22) Chrysene	21.547	228	104661	2.040	ng/ul	97
24) Benzo(b)fluoranthene	23.189	252	158313	2.790	ng/ul	90
25) Benzo(k)fluoranthene	23.230	252	56844m	1.017	ng/ul	
26) Benzo(a)pyrene	23.812	252	96051	1.879	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.427	276	86236	1.211	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.437	278	20620	0.370	ng/ul#	92
29) Benzo(g,h,i)perylene	27.202	276	77674	1.245	ng/ul	96

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

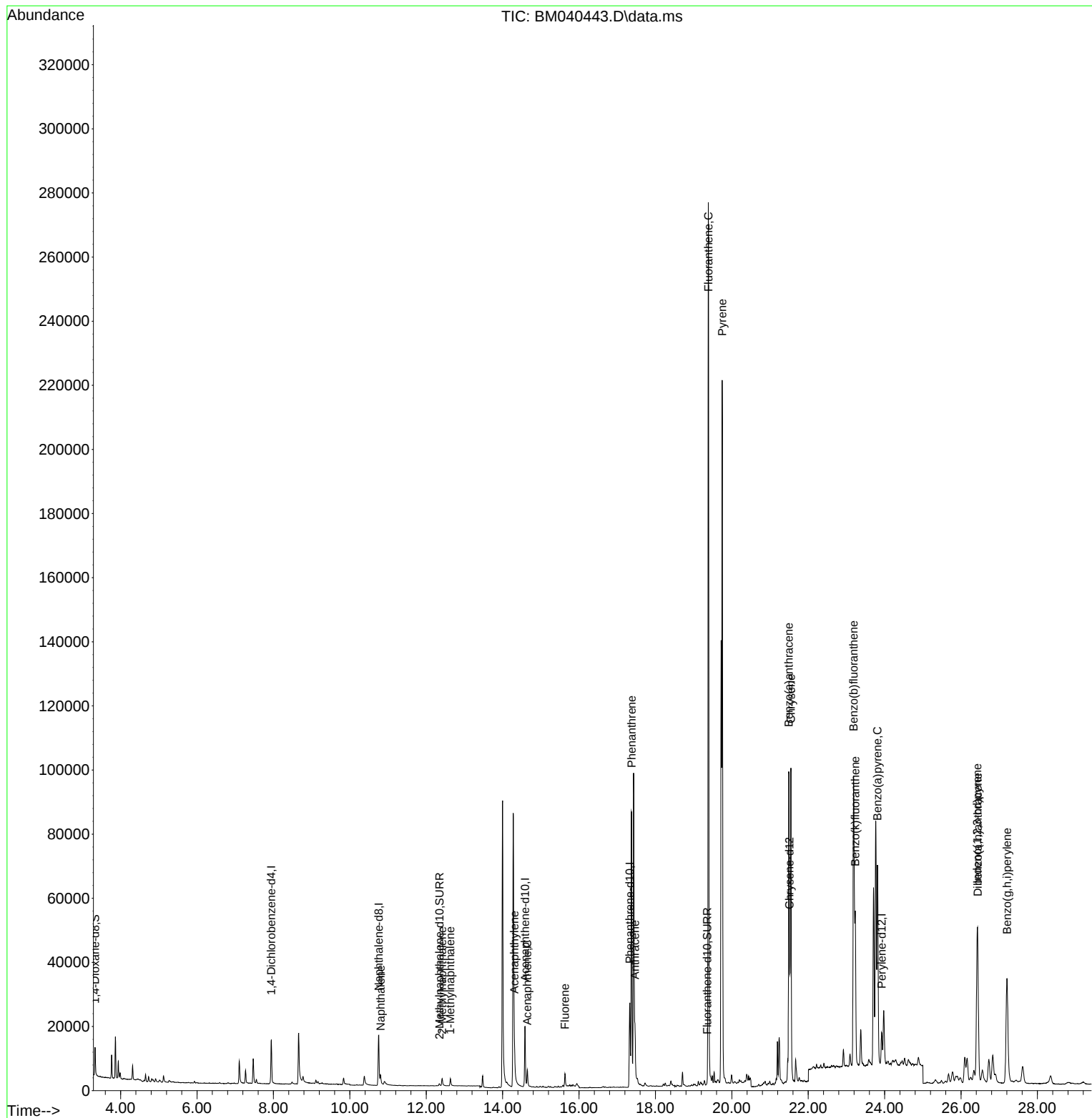
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040443.D
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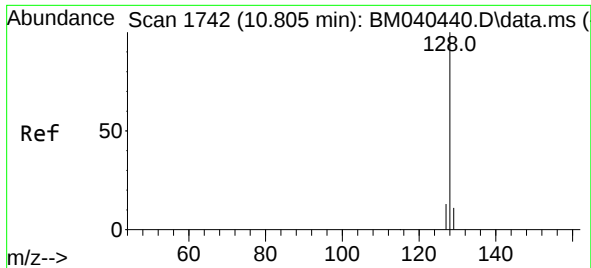
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Quant Time: Jun 30 03:06:45 2023
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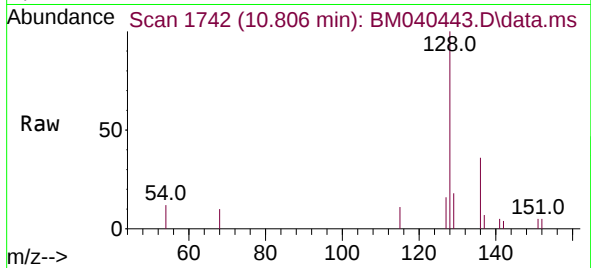
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

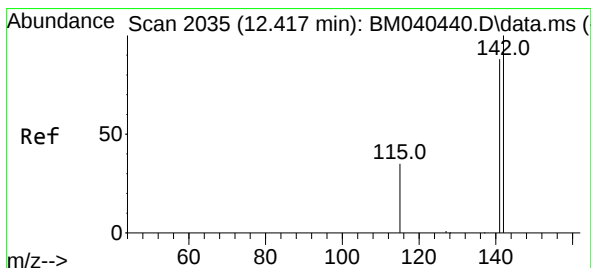
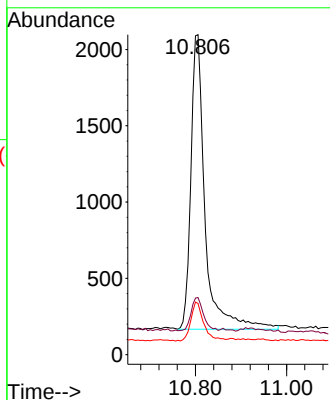
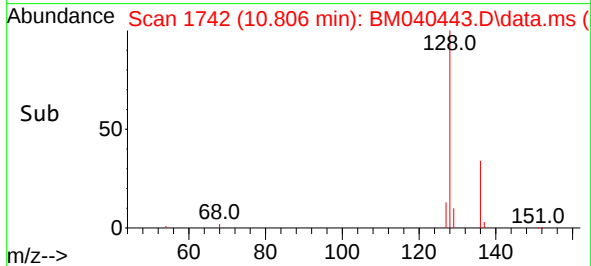
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



Tgt Ion:128 Resp: 4179
Ion Ratio Lower Upper
128 100
129 17.8 9.2 13.8
127 16.0 10.6 15.8

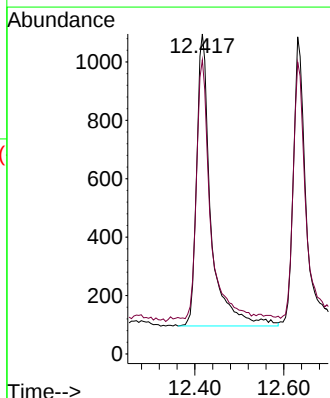
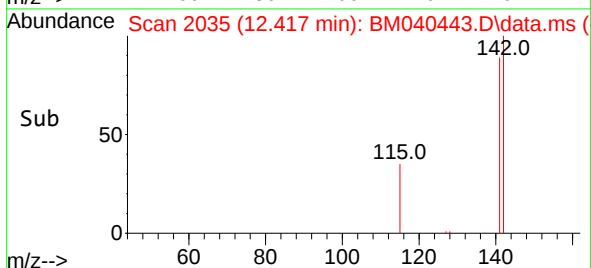
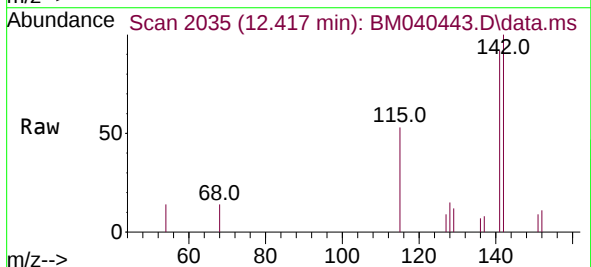
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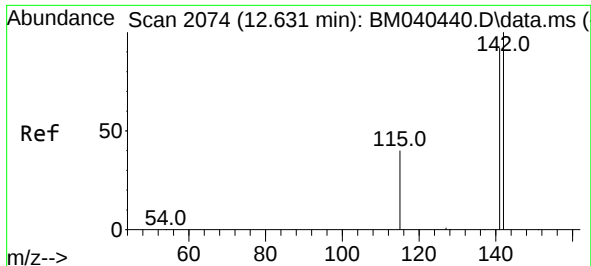
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

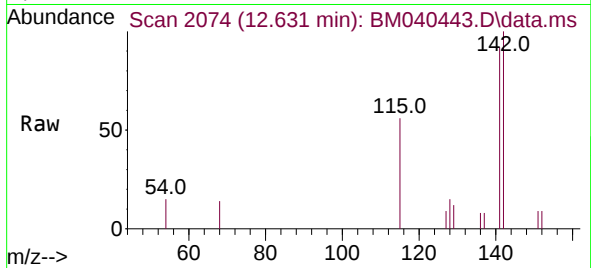
Tgt Ion:142 Resp: 2215
Ion Ratio Lower Upper
142 100
141 87.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

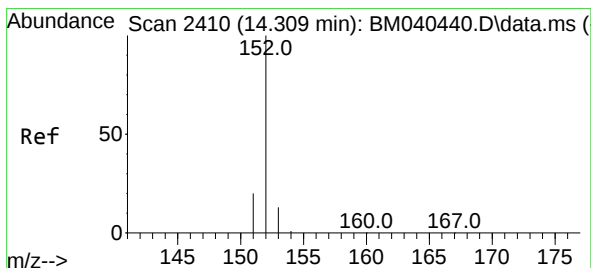
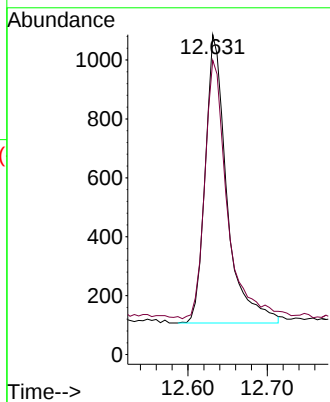
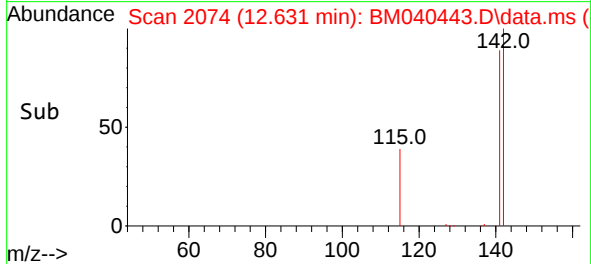
Instrument :
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DCFV6DL



Tgt Ion:142 Resp: 1860
Ion Ratio Lower Upper
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141 91.9 73.7 110.5

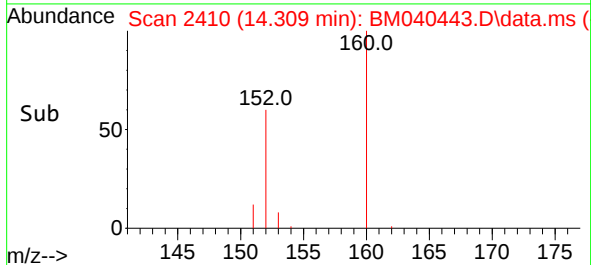
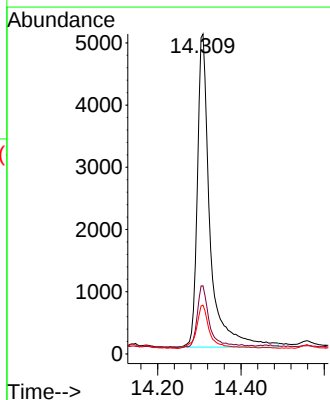
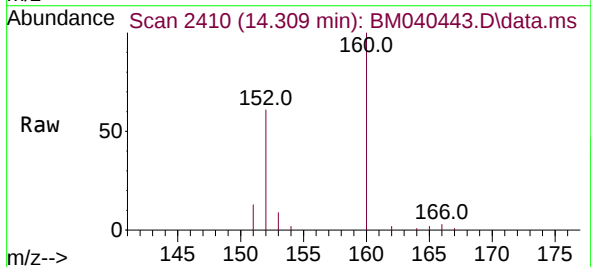
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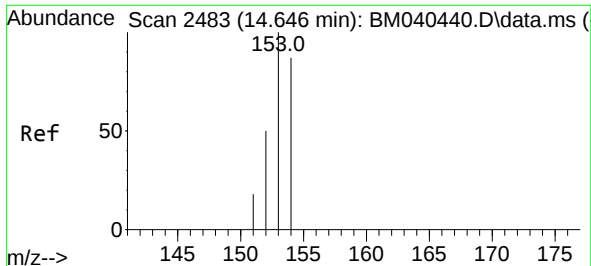
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.203 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

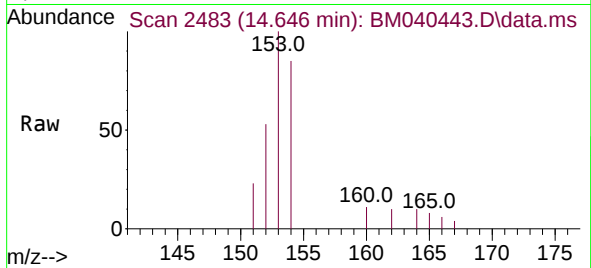
Tgt Ion:152 Resp: 10672
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 15.2 10.9 16.3





#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.646 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

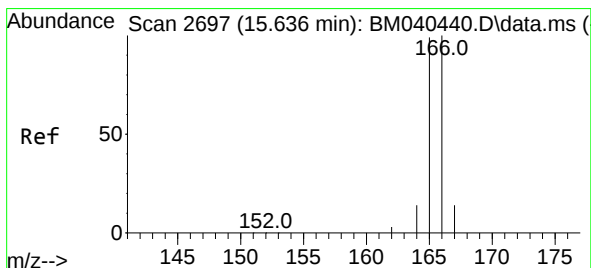
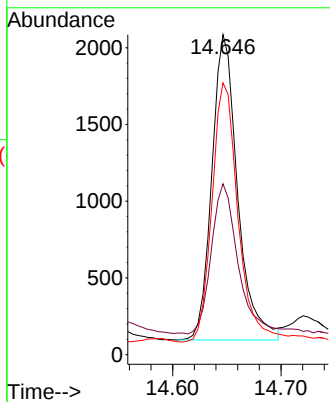
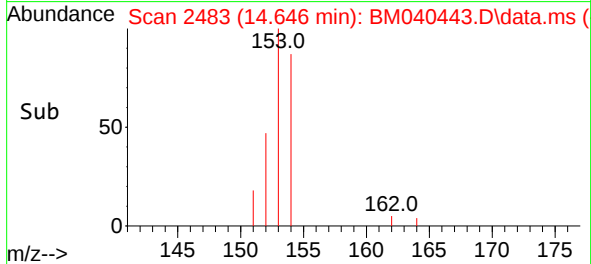
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



Tgt Ion:153 Resp: 3289
Ion Ratio Lower Upper
153 100
152 53.4 41.0 61.4
154 84.9 70.8 106.2

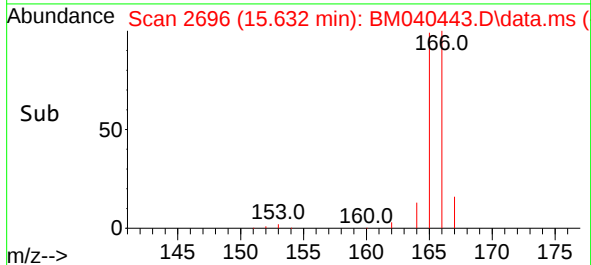
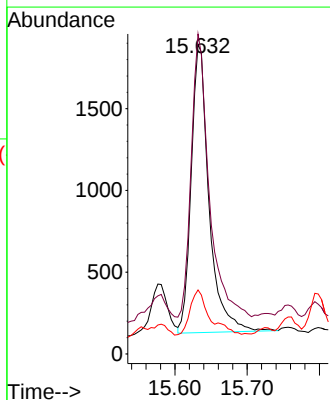
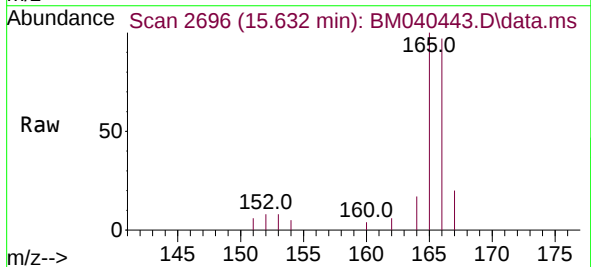
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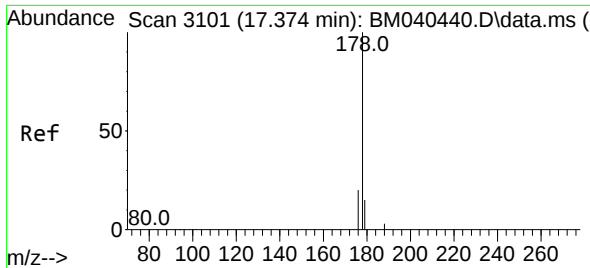
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

Tgt Ion:166 Resp: 3013
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 20.7 11.4 17.0#





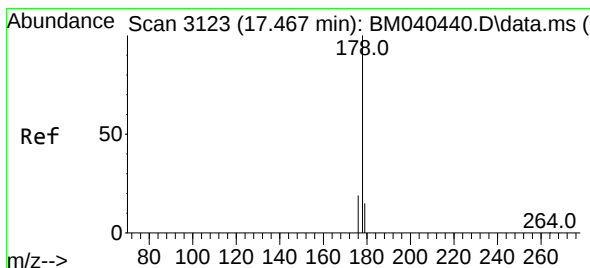
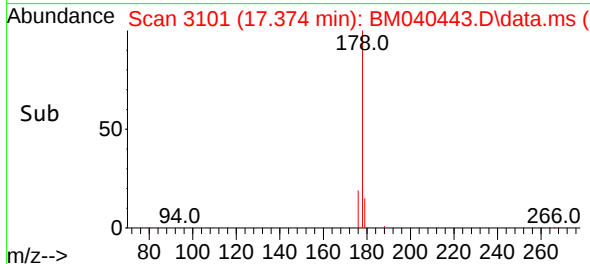
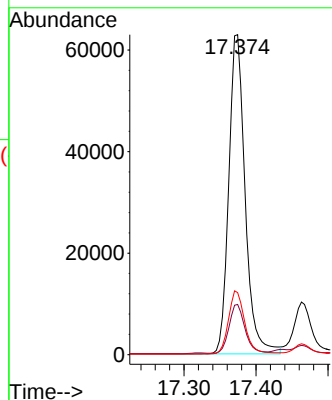
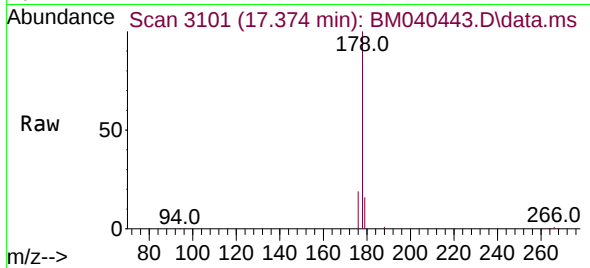
#15
Phenanthrene
Concen: 1.537 ng/ul
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

Instrument :
BNA_M
ClientSampleId :
DCFV6DL

Tgt Ion:	178	Resp:	9944
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.8	19.2
176	19.4	16.4	24.6

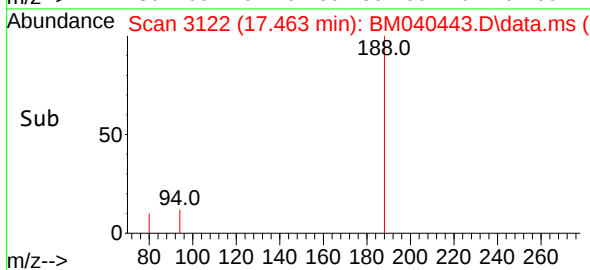
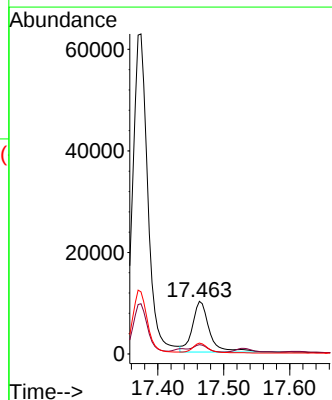
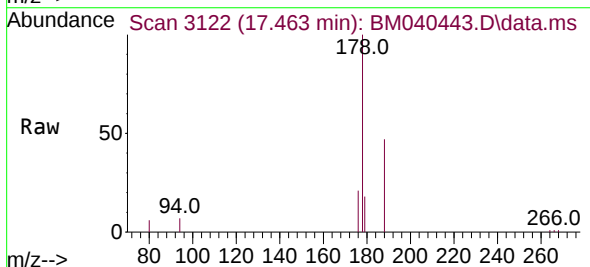
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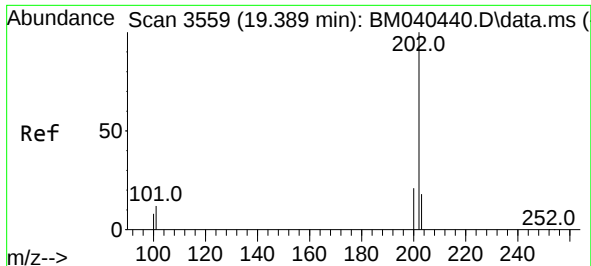
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.009 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

Tgt Ion:	178	Resp:	18039
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.9	19.3
176	20.6	15.8	23.6





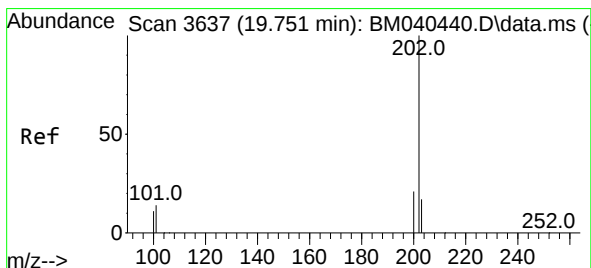
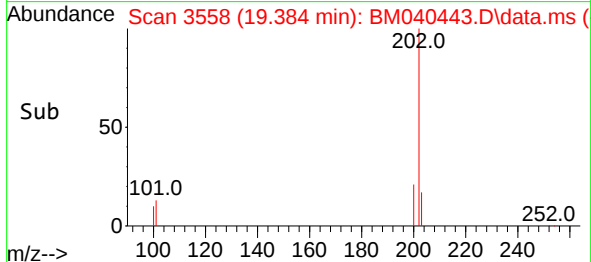
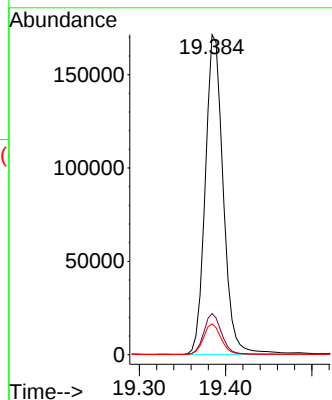
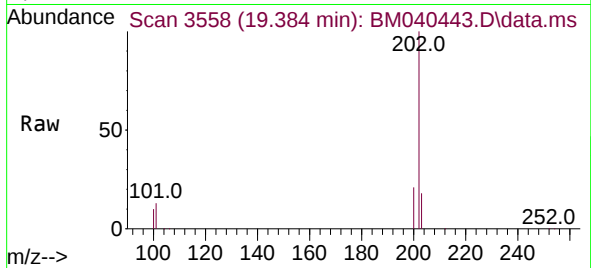
#19
Fluoranthene
Concen: 4.376 ng/ul
RT: 19.384 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

Instrument :
BNA_M
ClientSampleId :
DCFV6DL

Tgt Ion:202 Resp: 24716
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.7 8.7 13.1

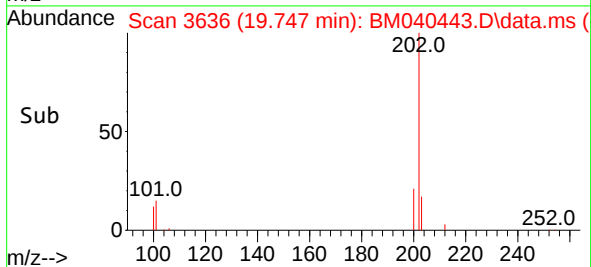
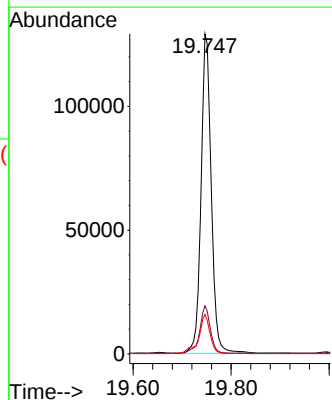
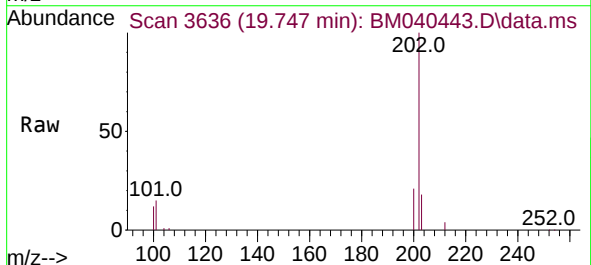
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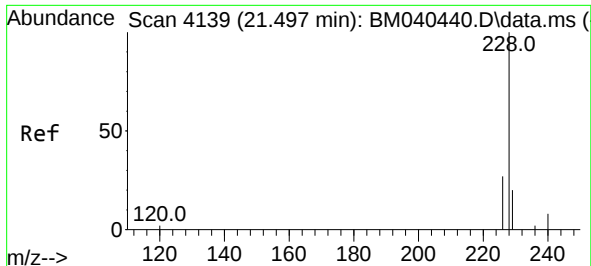
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 3.087 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

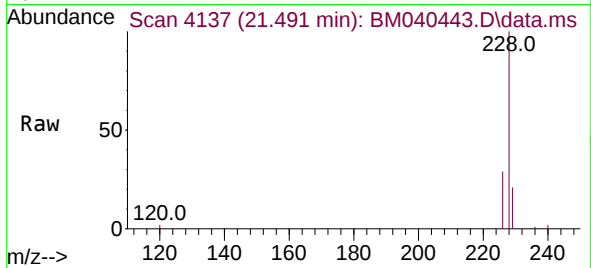
Tgt Ion:202 Resp: 186891
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.893 ng/ul
RT: 21.491 min Scan# 4137
Delta R.T. -0.009 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

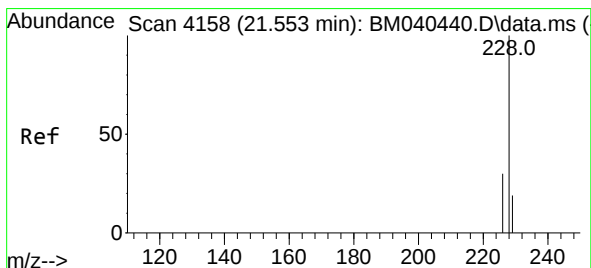
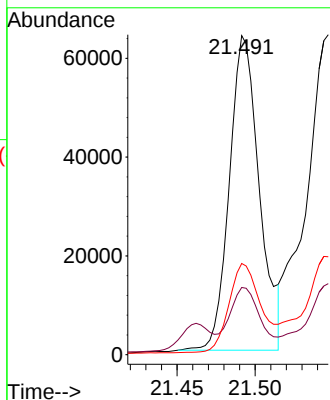
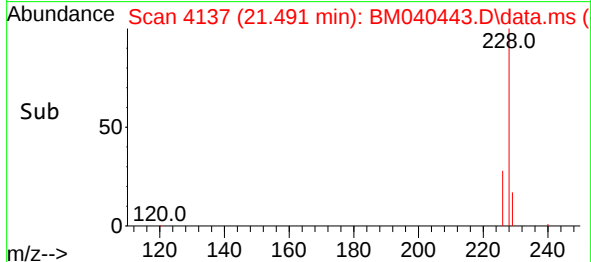
Instrument :
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DCFV6DL



Tgt Ion:228 Resp: 8515
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.6 22.3 33.5

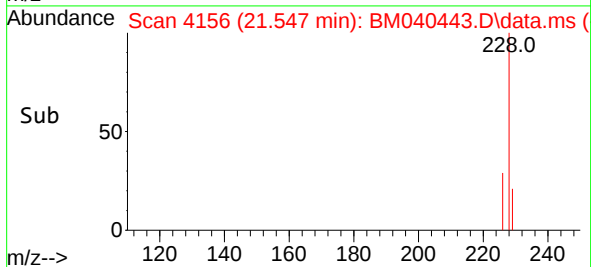
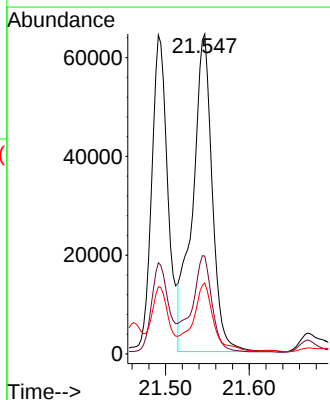
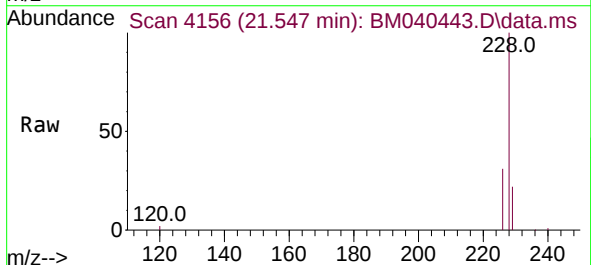
Manual Integrations
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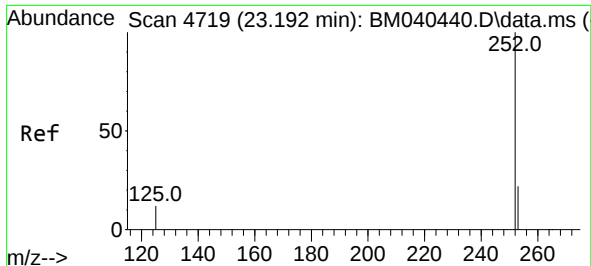
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 2.040 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

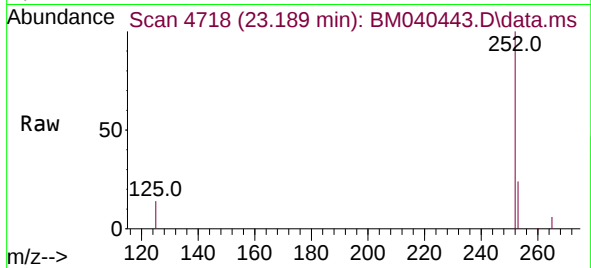
Tgt Ion:228 Resp: 104661
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.790 ng/ul
RT: 23.189 min Scan# 4719
Delta R.T. -0.003 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

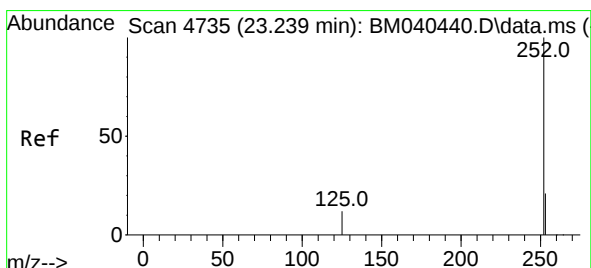
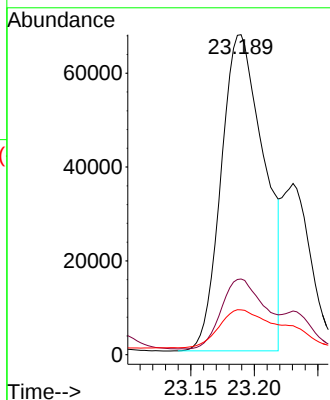
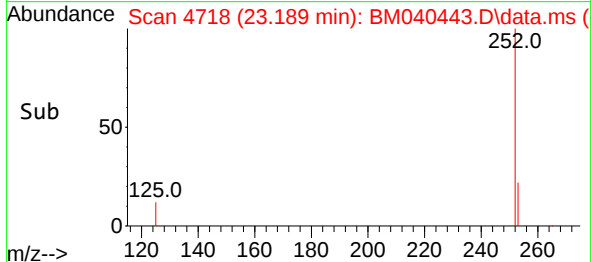
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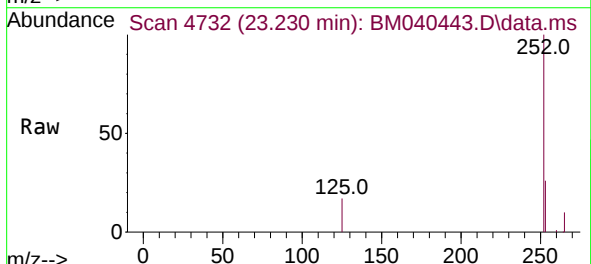
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Ion Ratio Lower Upper
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253 23.7 0.0 52.8
125 14.0 0.0 43.0

Manual Integrations
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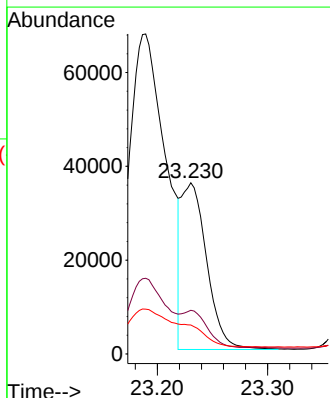
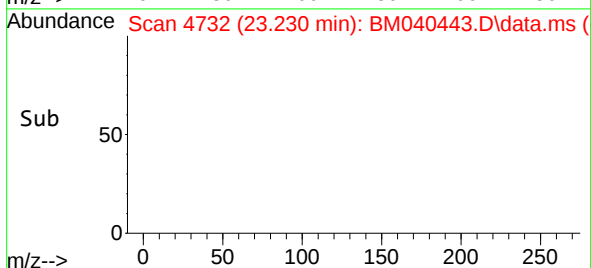
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

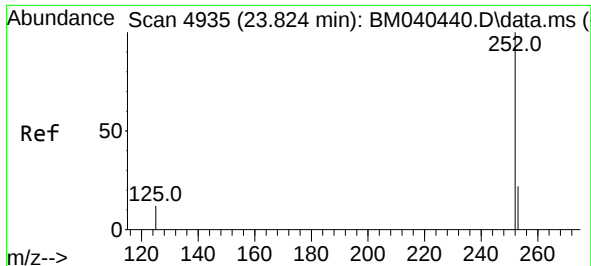


#25
Benzo(k)fluoranthene
Concen: 1.017 ng/ul m
RT: 23.230 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35



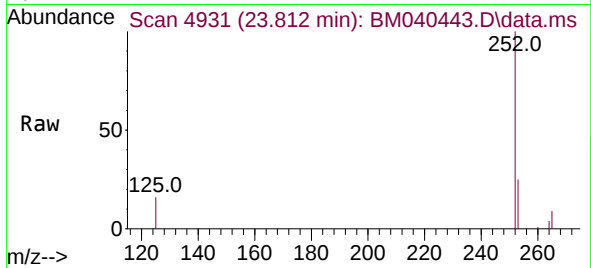
Tgt Ion:252 Resp: 56844
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 16.9 16.4 24.6





#26
Benzo(a)pyrene
Concen: 1.879 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

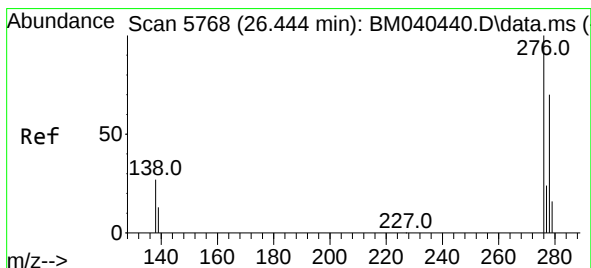
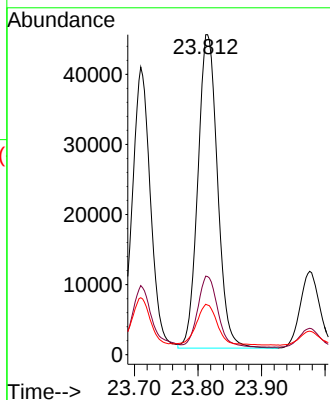
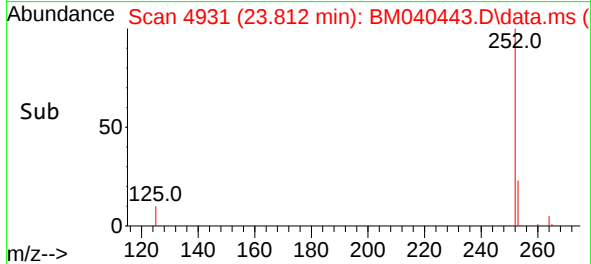
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



Tgt Ion:252 Resp: 9605
Ion Ratio Lower Upper
252 100
253 24.5 22.9 34.3
125 15.7 21.0 31.4

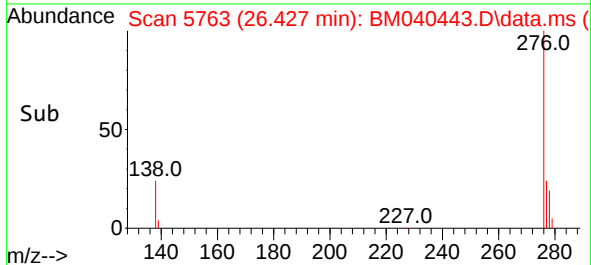
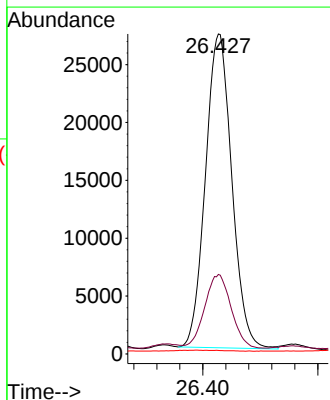
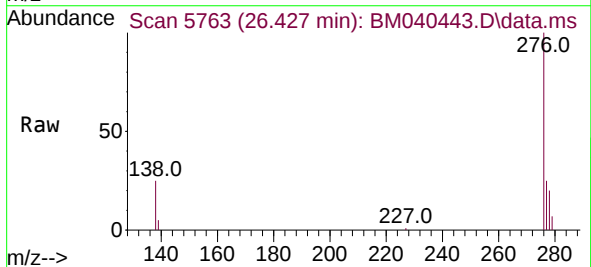
Manual Integrations
APPROVED

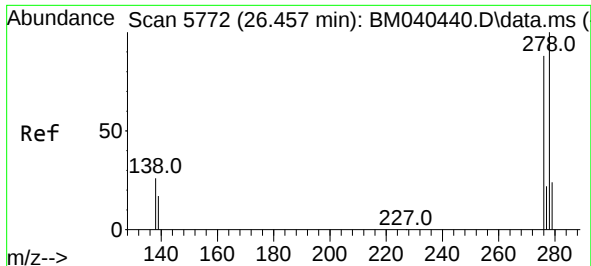
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.211 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

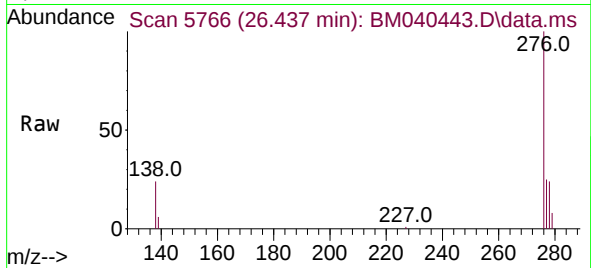
Tgt Ion:276 Resp: 86236
Ion Ratio Lower Upper
276 100
138 23.8 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35

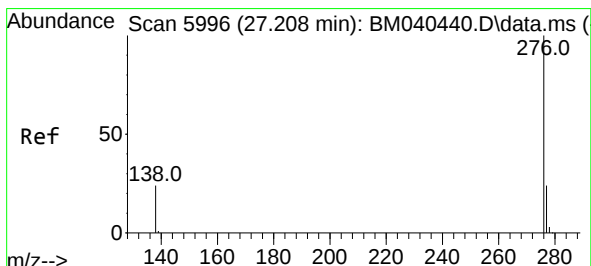
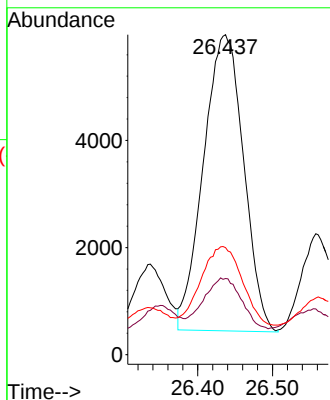
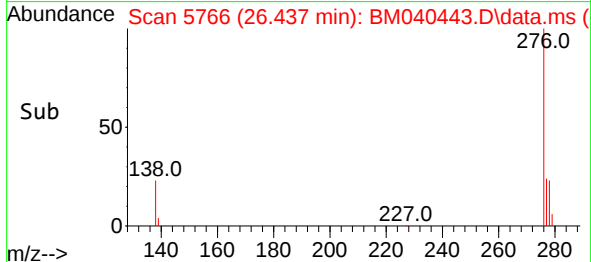
Instrument :
BNA_M
ClientSampleId :
DCFV6DL



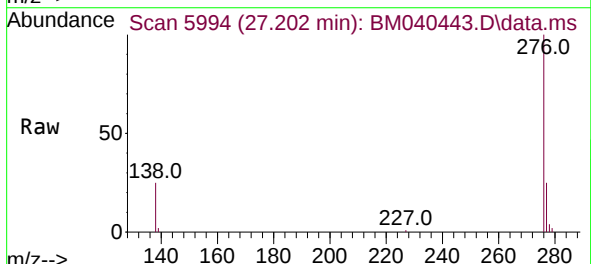
Tgt Ion:278 Resp: 20620
Ion Ratio Lower Upper
278 100
139 23.8 17.9 26.9
279 33.5 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 1.245 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040443.D
Acq: 29 Jun 2023 18:35



Tgt Ion:276 Resp: 77674
Ion Ratio Lower Upper
276 100
138 25.2 23.0 34.6
277 24.7 20.3 30.5

