

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040606.D
 Acq On : 04 Jul 2023 10:57
 Operator : MA/JU
 Sample : 03243-14DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:17:43 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	7343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.722	136	27111	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.557	164	12782	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.310	188	25512	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	14989	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	14255	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	8504	0.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.311	152	2161	0.057	ng/ul	-0.01
18) Fluoranthene-d10	19.336	212	3478	0.072	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.771	128	26360	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.388	142	24468	0.557	ng/ul	100
8) 1-Methylnaphthalene	12.602	142	16723	0.381	ng/ul	99
10) Acenaphthylene	14.280	152	9269	0.162	ng/ul#	91
11) Acenaphthene	14.622	153	1813	0.038	ng/ul	94
12) Fluorene	15.607	166	1951	0.038	ng/ul#	78
15) Phenanthrene	17.352	178	65571	0.827	ng/ul	99
16) Anthracene	17.441	178	8481	0.127	ng/ul#	93
19) Fluoranthene	19.364	202	85893	1.349	ng/ul	98
20) Pyrene	19.731	202	66573	0.975	ng/ul	98
21) Benzo(a)anthracene	21.477	228	41200	0.813	ng/ul	94
22) Chrysene	21.533	228	34780	0.601	ng/ul	96
24) Benzo(b)fluoranthene	23.169	252	61338	1.112	ng/ul	95
25) Benzo(k)fluoranthene	23.207	252	20888m	0.384	ng/ul	
26) Benzo(a)pyrene	23.792	252	32898	0.662	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.394	276	32253	0.466	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.401	278	7662	0.141	ng/ul#	72
29) Benzo(g,h,i)perylene	27.159	276	29045	0.479	ng/ul	99

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

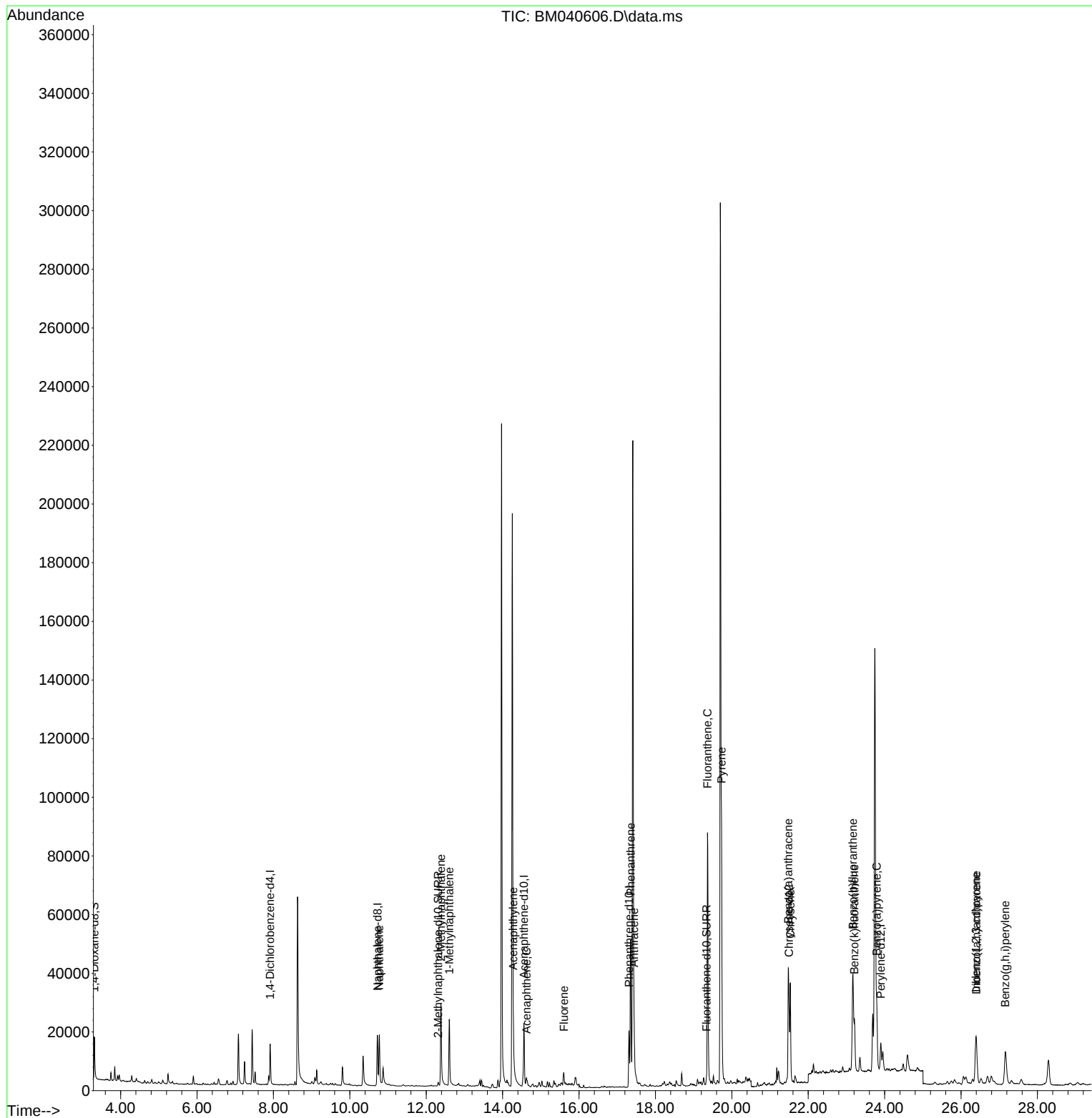
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040606.D
Acq On : 04 Jul 2023 10:57
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ALS Vial : 42 Sample Multiplier: 1

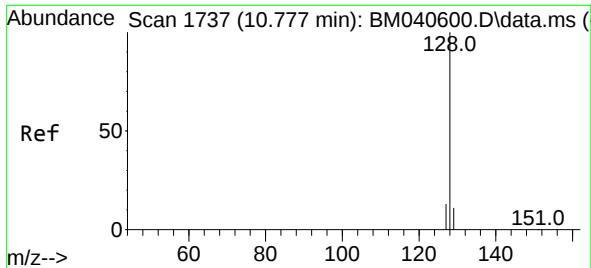
Instrument :
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ClientSampleId :
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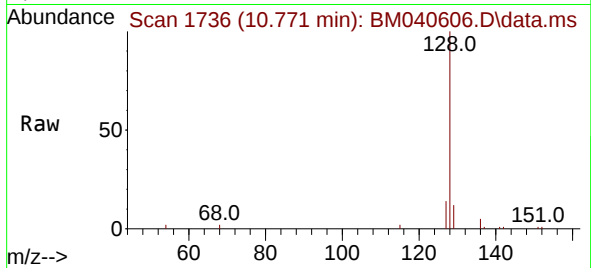
Quant Time: Jul 05 01:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.771 min Scan# 1736
Delta R.T. -0.012 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

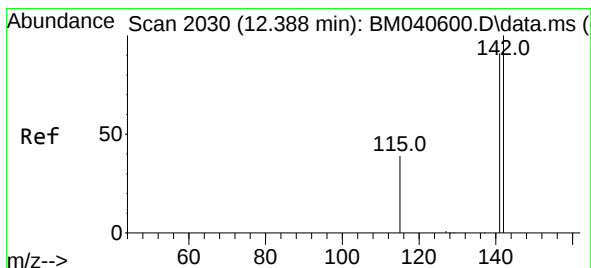
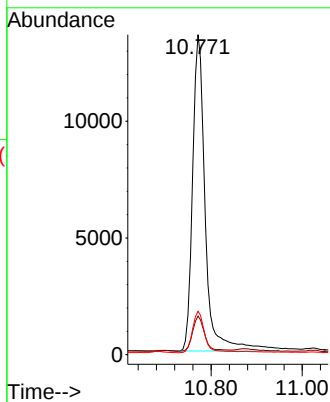
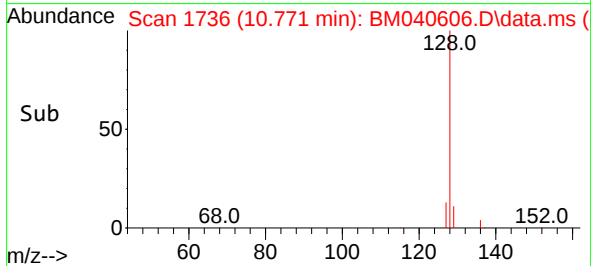
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



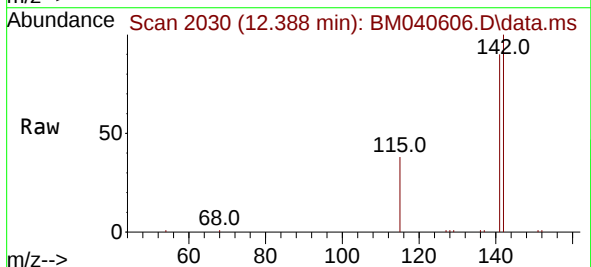
Tgt Ion:128 Resp: 26360
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.6 15.8

Manual Integrations
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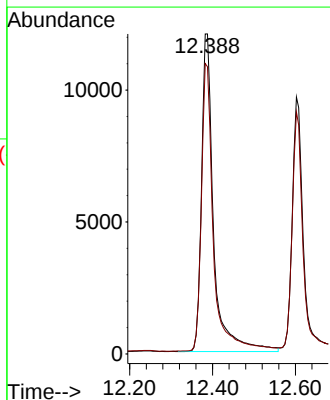
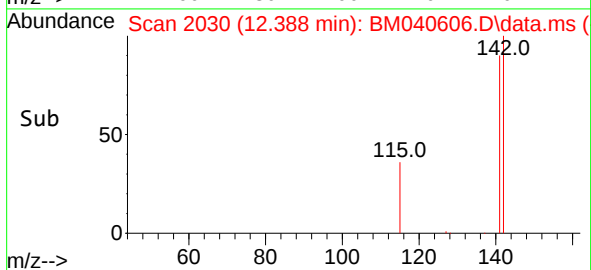
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

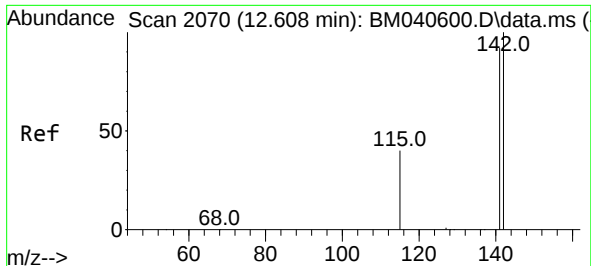


#7
2-Methylnaphthalene
Concen: 0.557 ng/ul
RT: 12.388 min Scan# 2030
Delta R.T. -0.007 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57



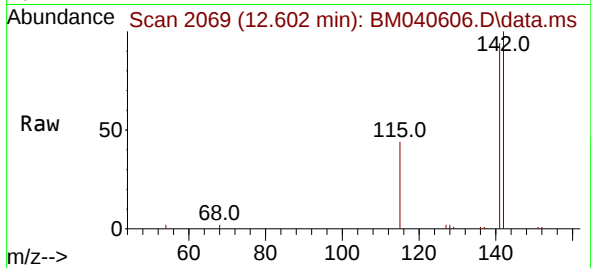
Tgt Ion:142 Resp: 24468
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.602 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

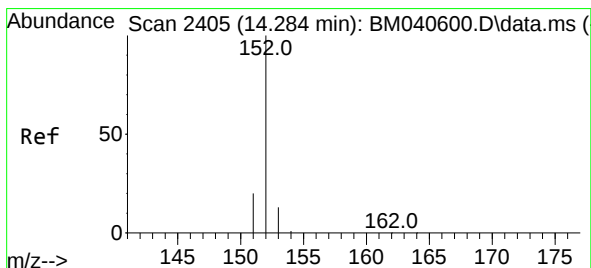
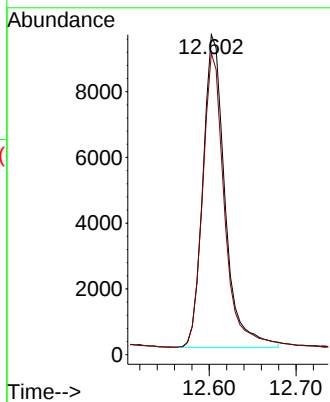
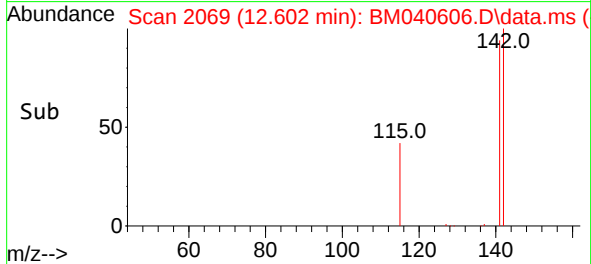
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1672
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

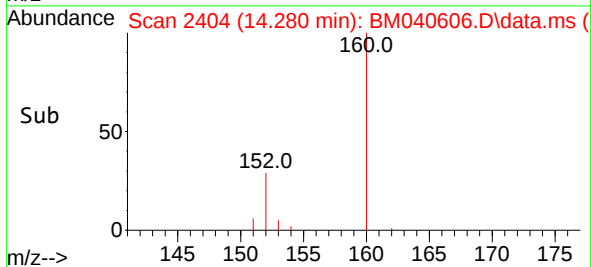
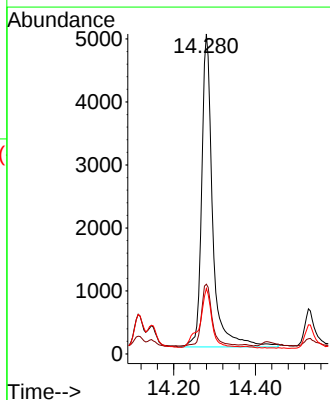
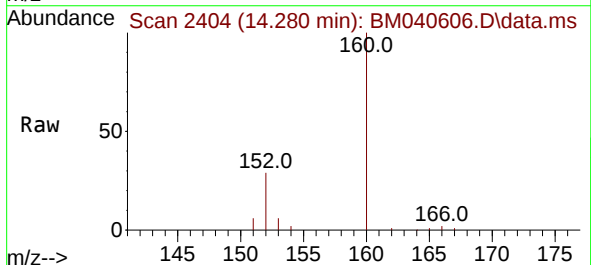
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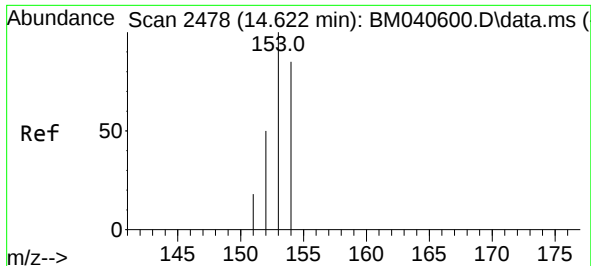
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.162 ng/ul
RT: 14.280 min Scan# 2404
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

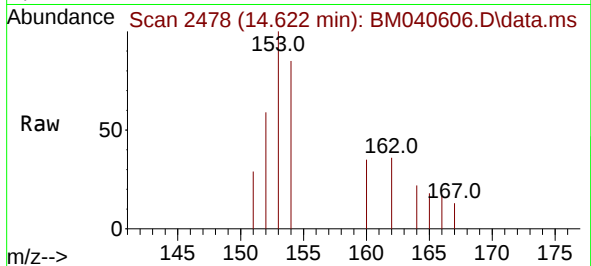
Tgt Ion:152 Resp: 9269
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 20.4 10.9 16.3#





#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.622 min Scan# 2478
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

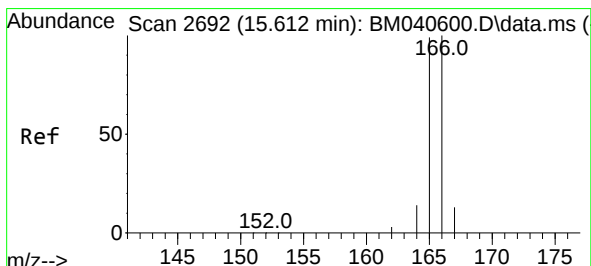
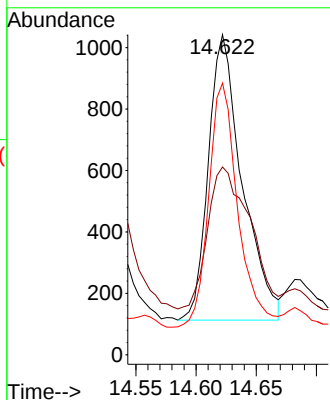
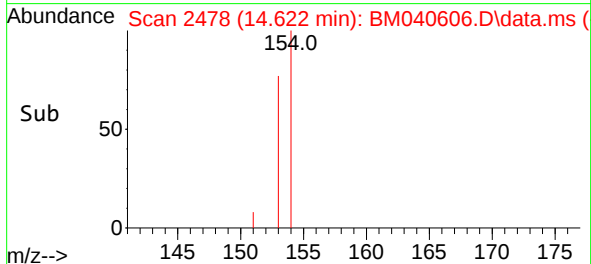
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



Tgt Ion:153 Resp: 181
Ion Ratio Lower Upper
153 100
152 58.6 41.0 61.4
154 84.8 70.8 106.2

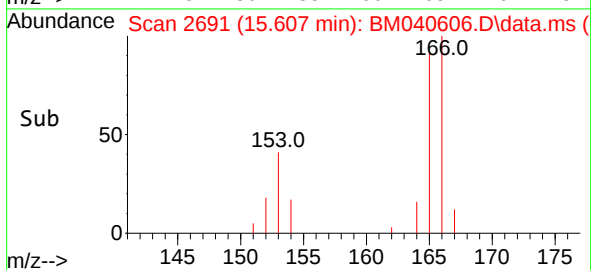
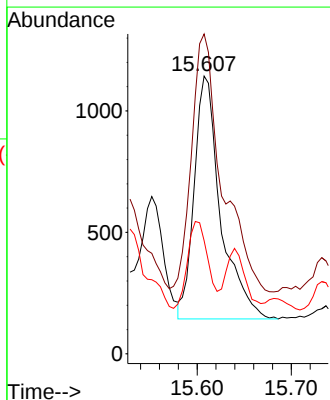
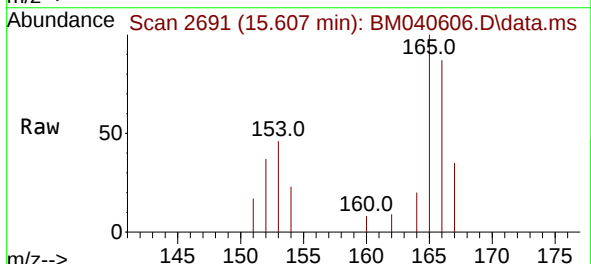
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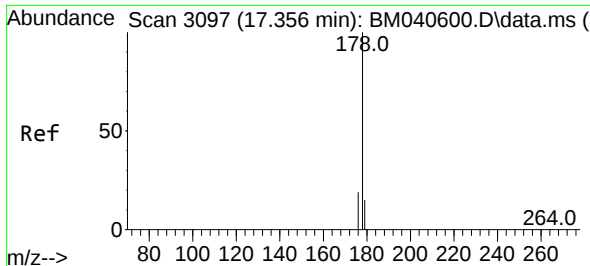
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.607 min Scan# 2691
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

Tgt Ion:166 Resp: 1951
Ion Ratio Lower Upper
166 100
165 115.1 79.6 119.4
167 40.7 11.4 17.0#





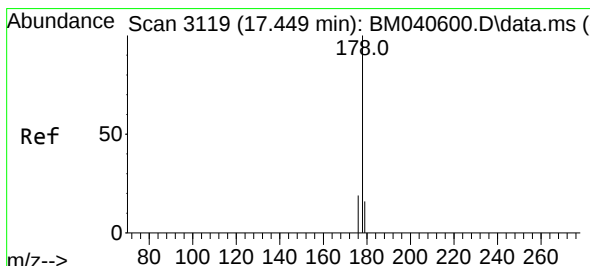
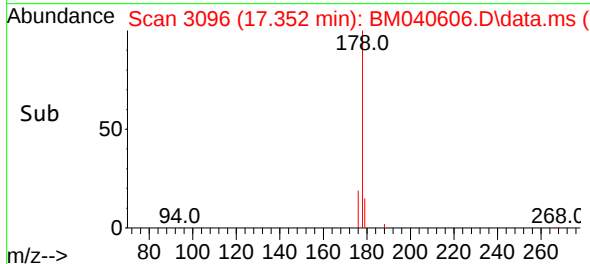
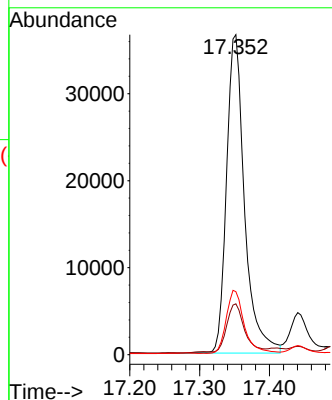
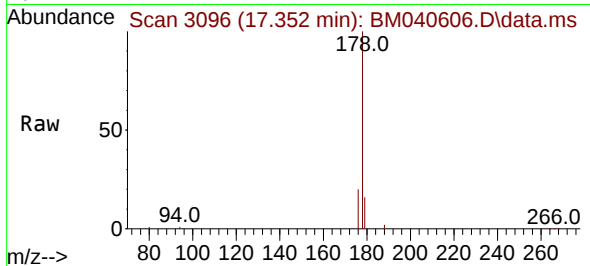
#15
Phenanthrene
Concen: 0.827 ng/ul
RT: 17.352 min Scan# 3097
Delta R.T. -0.010 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

Instrument :
BNA_M
ClientSampleId :
DCGD4DL

Tgt Ion:178 Resp: 6557
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.7 16.4 24.6

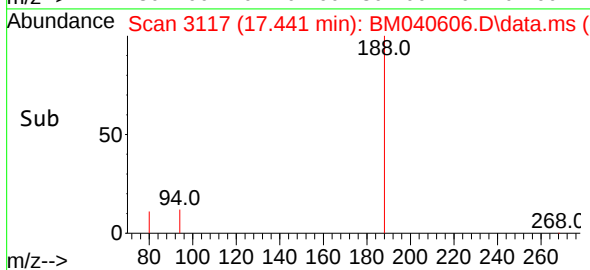
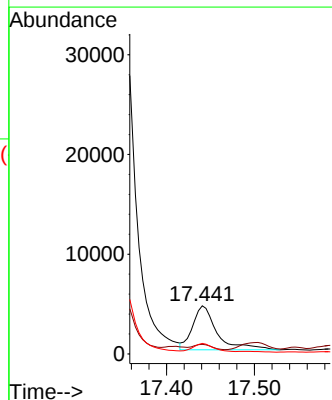
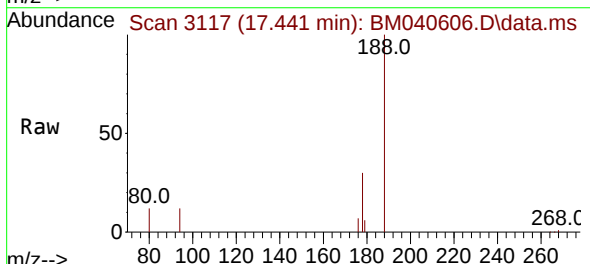
Manual Integrations
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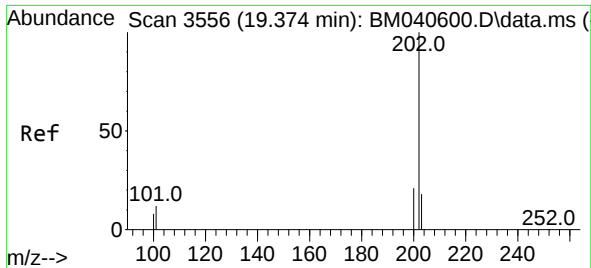
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.127 ng/ul
RT: 17.441 min Scan# 3117
Delta R.T. -0.014 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

Tgt Ion:178 Resp: 8481
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 21.9 15.8 23.6





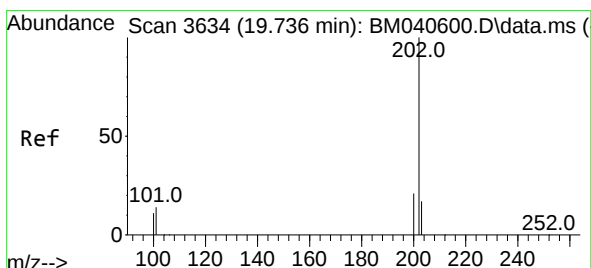
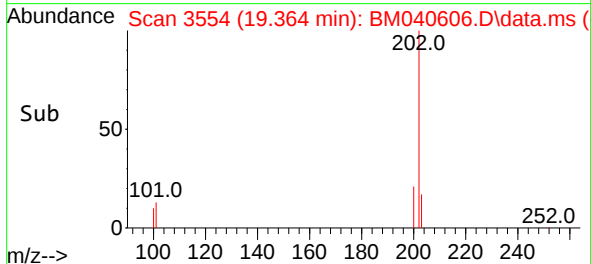
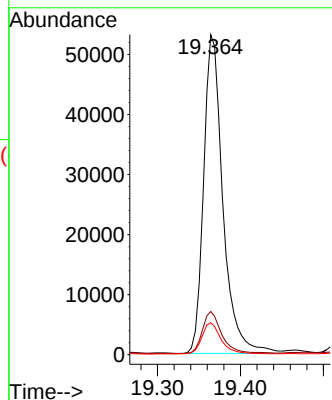
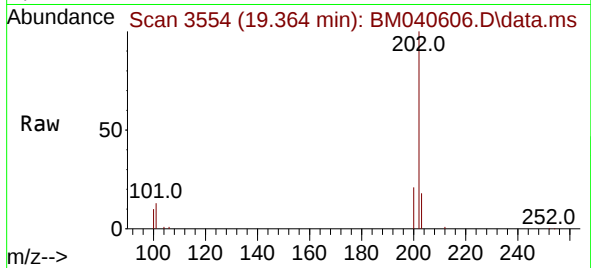
#19
Fluoranthene
Concen: 1.349 ng/ul
RT: 19.364 min Scan# 3556
Delta R.T. -0.015 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

Instrument :
BNA_M
ClientSampleId :
DCGD4DL

Tgt Ion:202 Resp: 8589
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.0 8.7 13.1

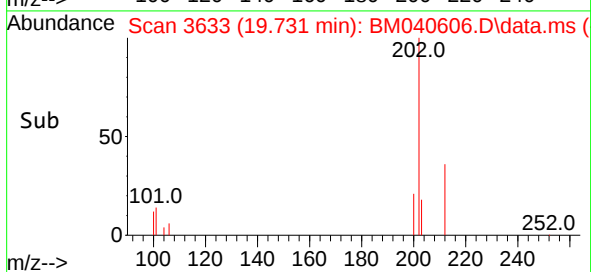
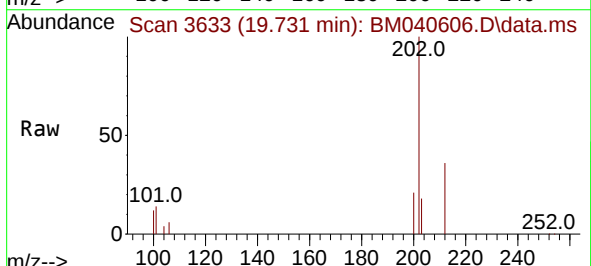
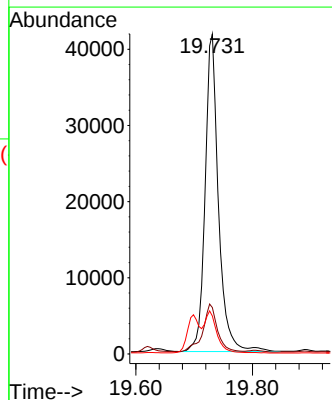
Manual Integrations
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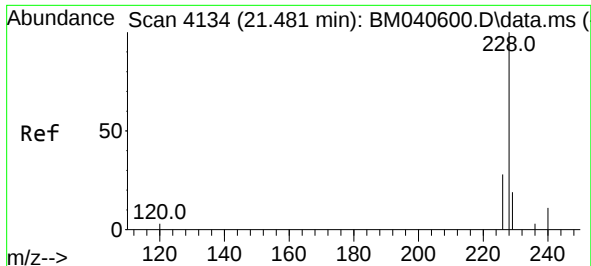
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 0.975 ng/ul
RT: 19.731 min Scan# 3633
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

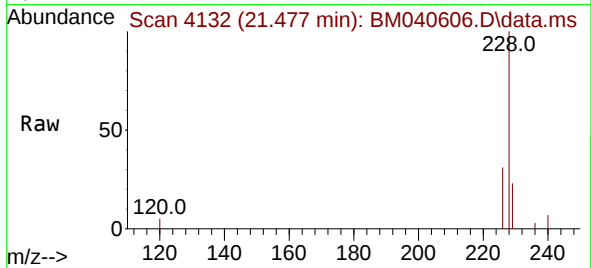
Tgt Ion:202 Resp: 66573
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.813 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

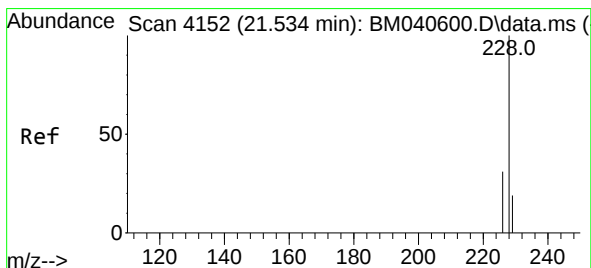
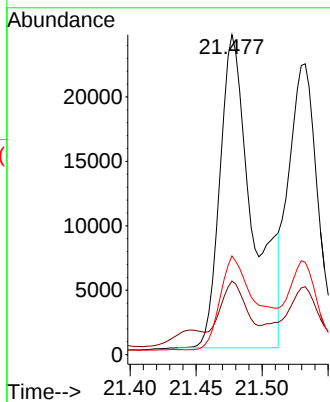
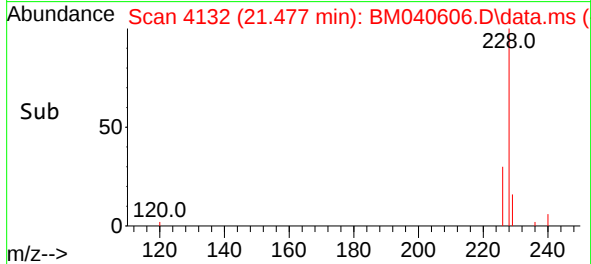
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



Tgt Ion:228 Resp: 41200
Ion Ratio Lower Upper
228 100
229 23.0 16.0 24.0
226 30.8 22.3 33.5

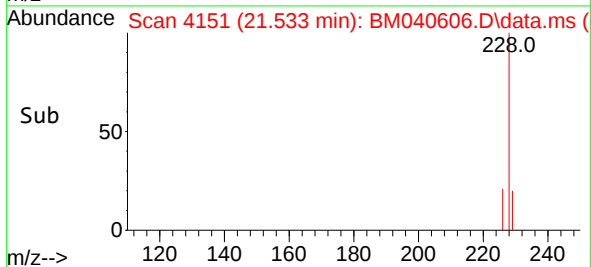
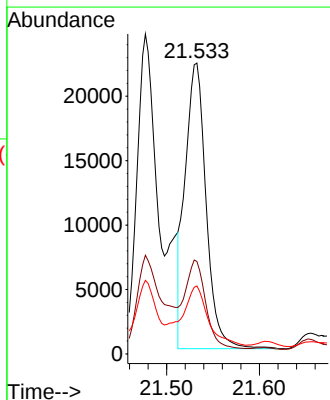
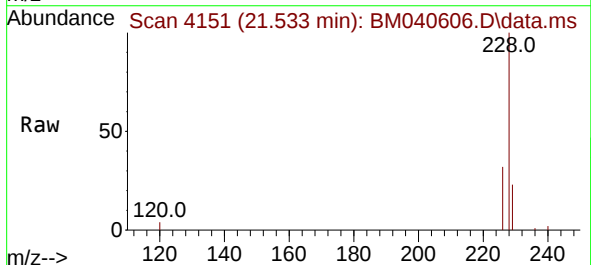
Manual Integrations
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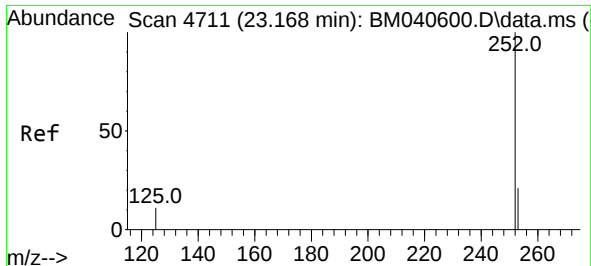
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.601 ng/ul
RT: 21.533 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

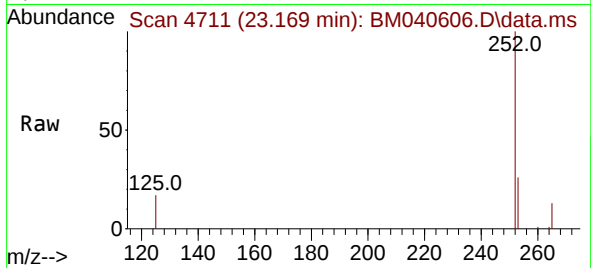
Tgt Ion:228 Resp: 34780
Ion Ratio Lower Upper
228 100
226 31.8 24.9 37.3
229 23.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.112 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

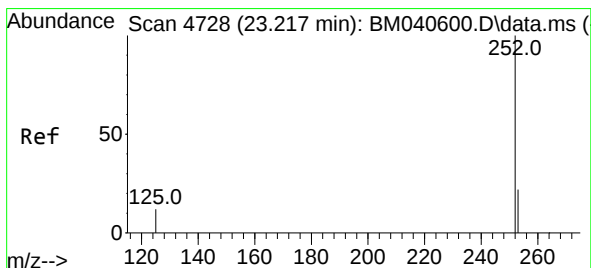
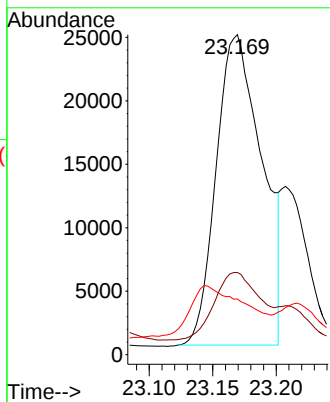
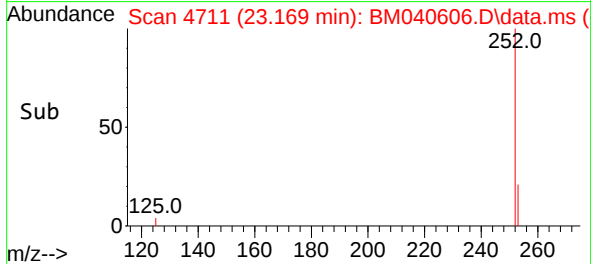
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



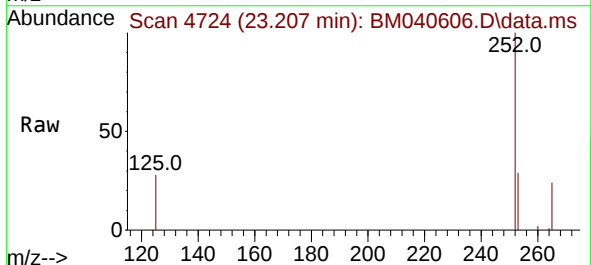
Tgt Ion:252 Resp: 61338
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 17.4 0.0 43.0

Manual Integrations
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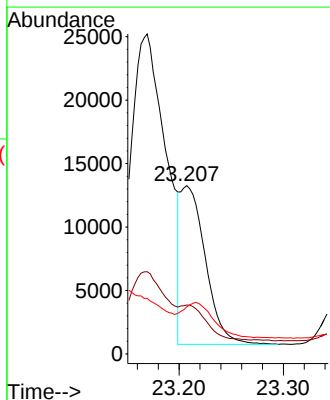
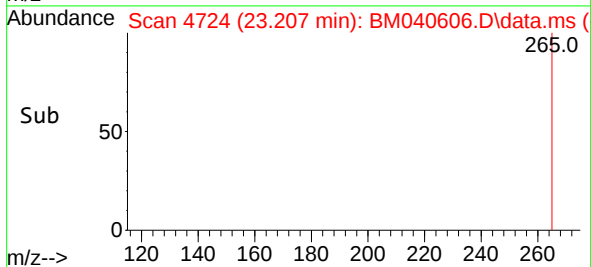
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

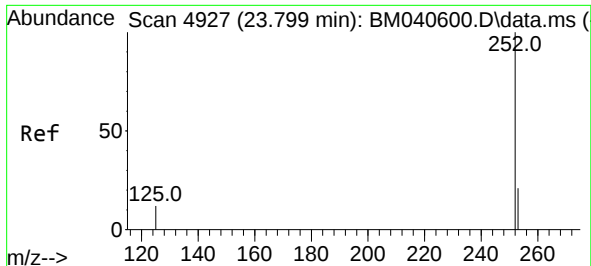


#25
Benzo(k)fluoranthene
Concen: 0.384 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.017 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57



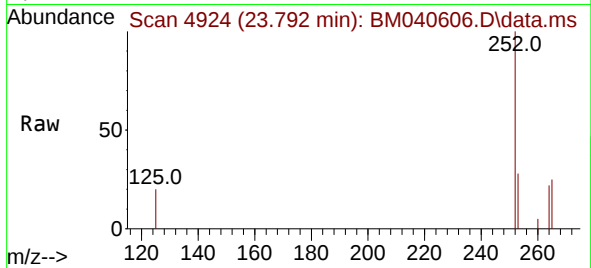
Tgt Ion:252 Resp: 20888
Ion Ratio Lower Upper
252 100
253 29.1 21.2 31.8
125 28.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.662 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.011 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

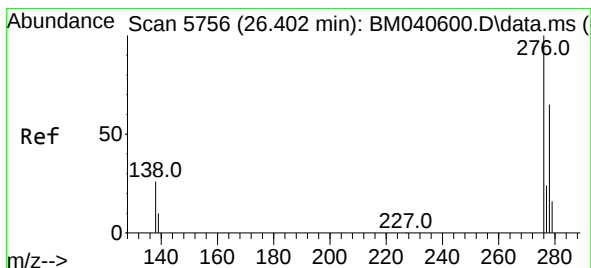
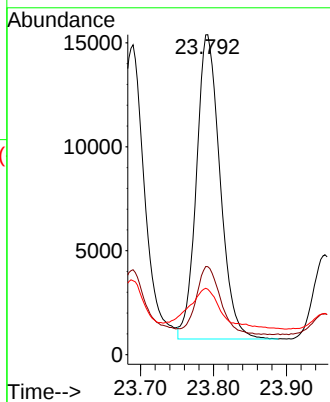
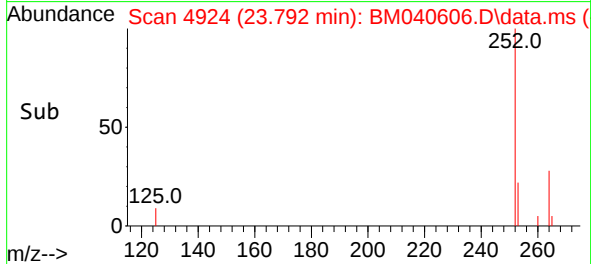
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



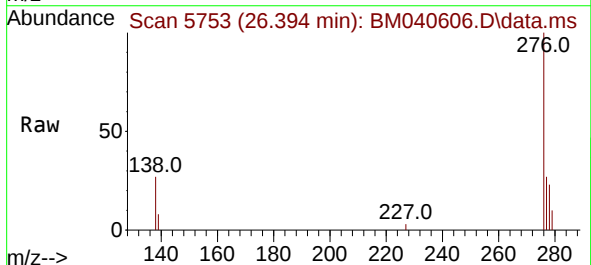
Tgt Ion:252 Resp: 3289
Ion Ratio Lower Upper
252 100
253 27.5 22.9 34.3
125 20.4 21.0 31.4

Manual Integrations
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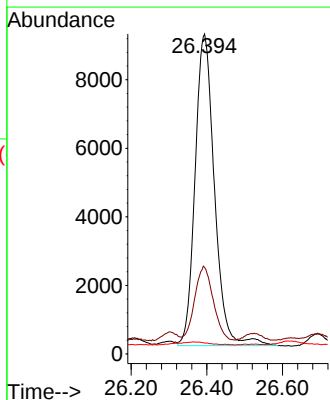
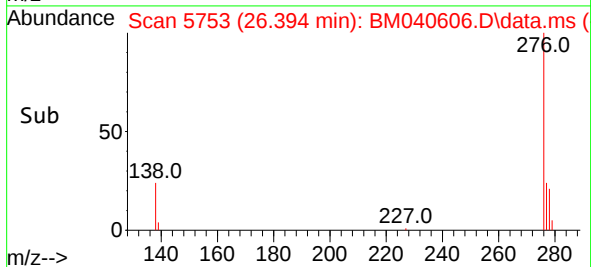
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

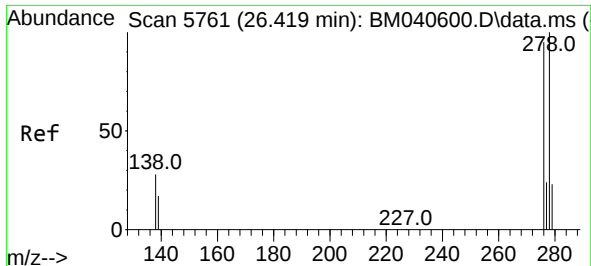


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.023 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57



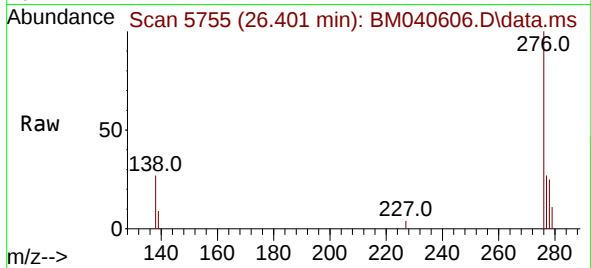
Tgt Ion:276 Resp: 32253
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 26.401 min Scan# 5761
Delta R.T. -0.030 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57

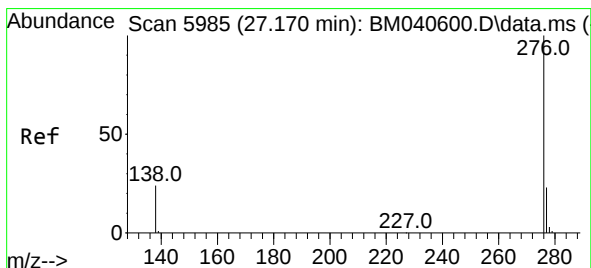
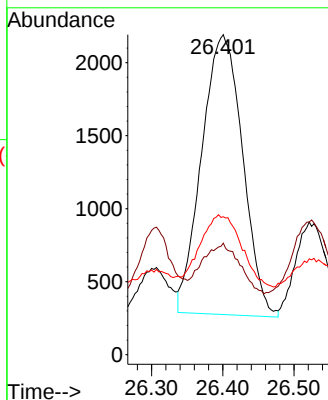
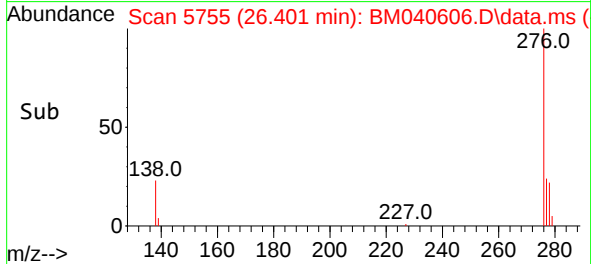
Instrument :
BNA_M
ClientSampleId :
DCGD4DL



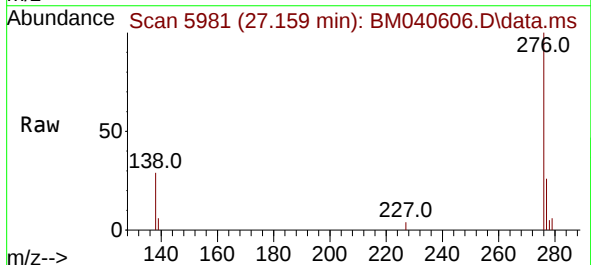
Tgt Ion:278 Resp: 7662
Ion Ratio Lower Upper
278 100
139 34.9 17.9 26.9
279 43.1 22.0 33.0

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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 27.159 min Scan# 5981
Delta R.T. -0.023 min
Lab File: BM040606.D
Acq: 04 Jul 2023 10:57



Tgt Ion:276 Resp: 29045
Ion Ratio Lower Upper
276 100
138 28.6 23.0 34.6
277 26.3 20.3 30.5

