

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040636.D
 Acq On : 05 Jul 2023 12:00
 Operator : MA/JU
 Sample : 03243-22DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGE2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 12:42:43 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	6089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	21812	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.554	164	10314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	18945	0.400	ng/ul	0.00
17) Chrysene-d12	21.491	240	12849	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	12914	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6942	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1463	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	2269	0.055	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.767	128	4943	0.082	ng/ul#	92
7) 2-Methylnaphthalene	12.384	142	2359	0.067	ng/ul	96
8) 1-Methylnaphthalene	12.598	142	1574	0.045	ng/ul	98
10) Acenaphthylene	14.276	152	13748	0.298	ng/ul	98
11) Acenaphthene	14.619	153	3696	0.095	ng/ul	98
12) Fluorene	15.604	166	3812	0.092	ng/ul#	98
15) Phenanthrene	17.345	178	91545	1.556	ng/ul	99
16) Anthracene	17.438	178	22815	0.461	ng/ul	98
19) Fluoranthene	19.361	202	232186	4.254	ng/ul	97
20) Pyrene	19.728	202	186590	3.189	ng/ul	97
21) Benzo(a)anthracene	21.474	228	104231	2.398	ng/ul	98
22) Chrysene	21.526	228	96854	1.954	ng/ul	98
24) Benzo(b)fluoranthene	23.163	252	168686	3.375	ng/ul	90
25) Benzo(k)fluoranthene	23.204	252	43212m	0.877	ng/ul	
26) Benzo(a)pyrene	23.786	252	96019	2.133	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.387	276	78705	1.255	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.390	278	19046	0.388	ng/ul#	91
29) Benzo(g,h,i)perylene	27.155	276	70831	1.289	ng/ul	97

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

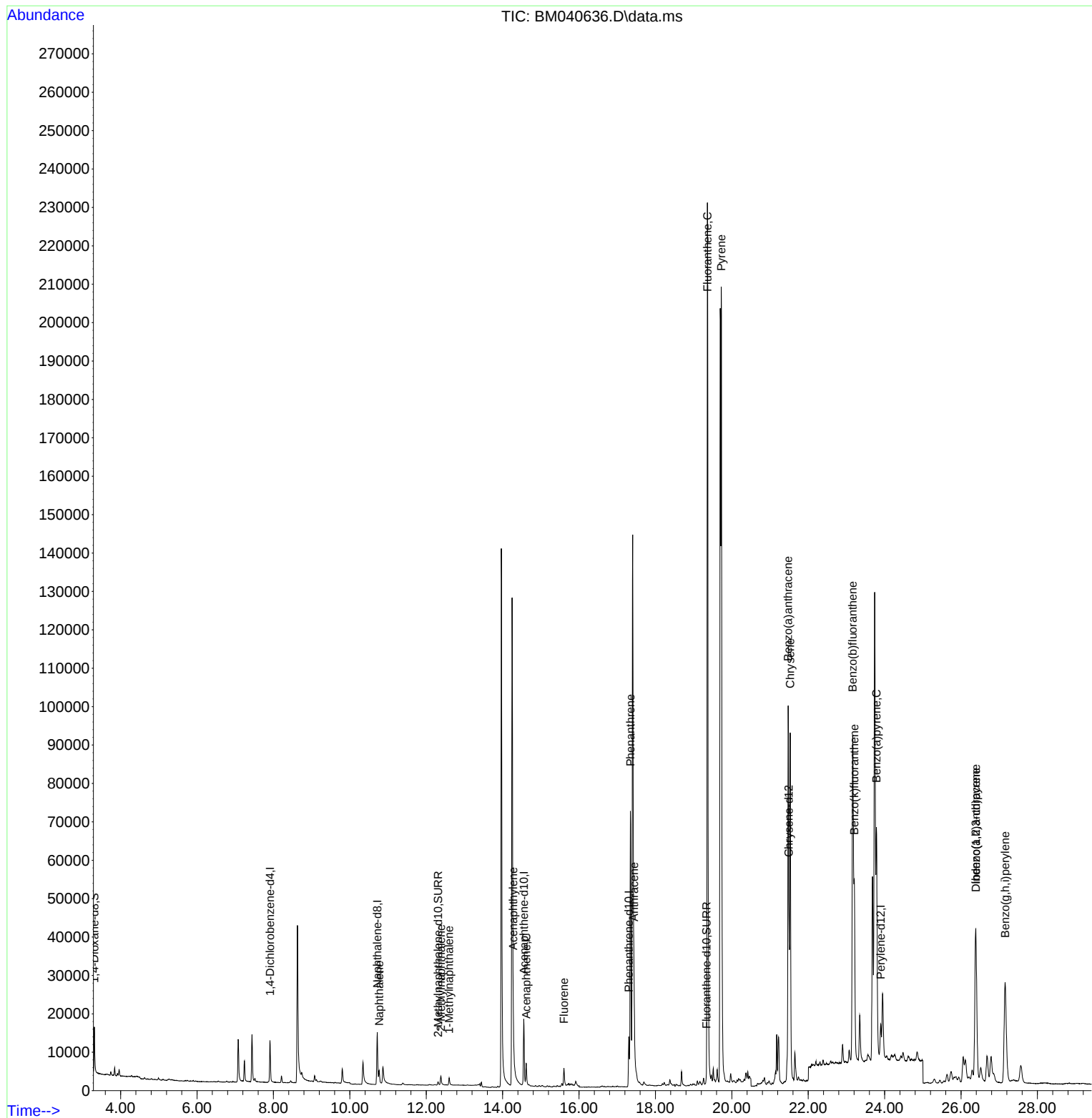
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040636.D
Acq On : 05 Jul 2023 12:00
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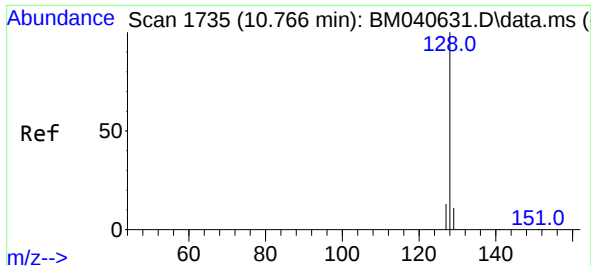
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Quant Time: Jul 05 12:42:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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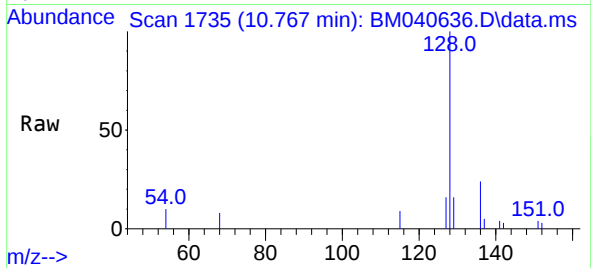
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. 0.001 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

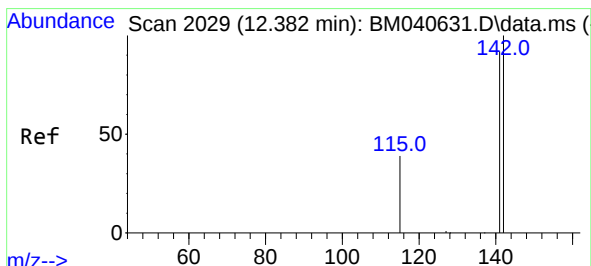
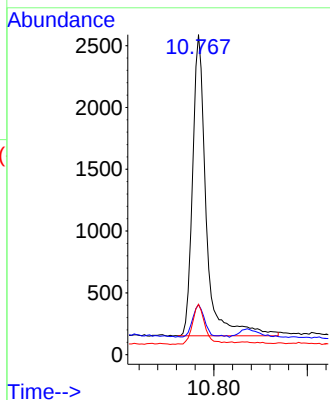
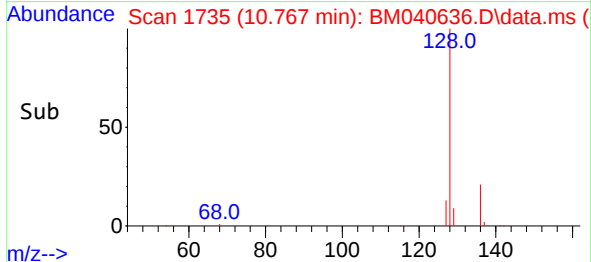
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



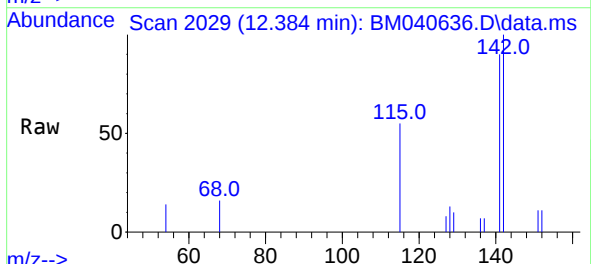
Tgt Ion:128 Resp: 494
Ion Ratio Lower Upper
128 100
129 15.6 9.2 13.8
127 15.7 10.6 15.8

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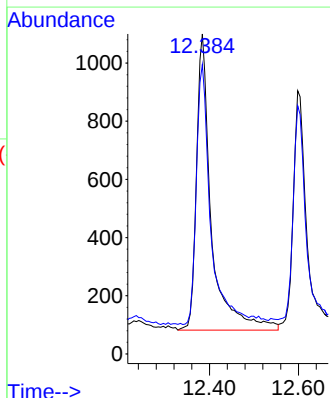
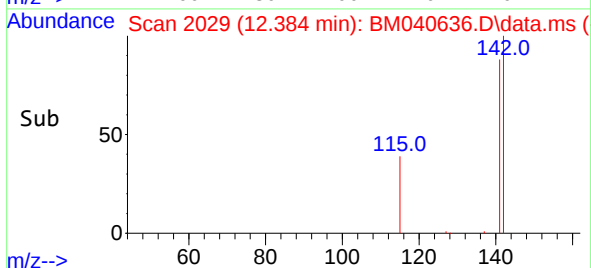
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

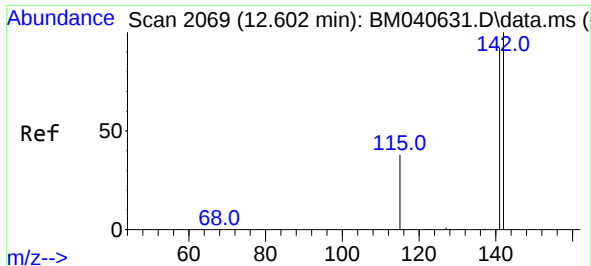


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00



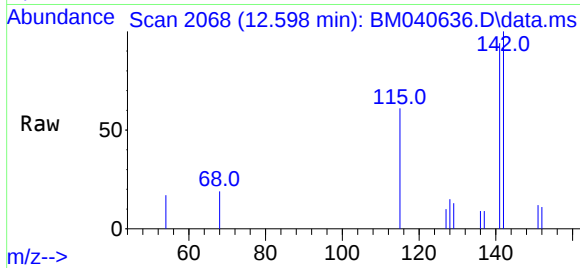
Tgt Ion:142 Resp: 2359
Ion Ratio Lower Upper
142 100
141 86.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

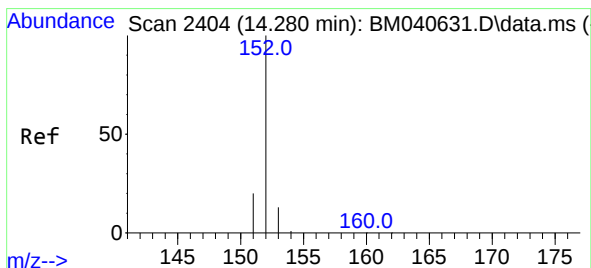
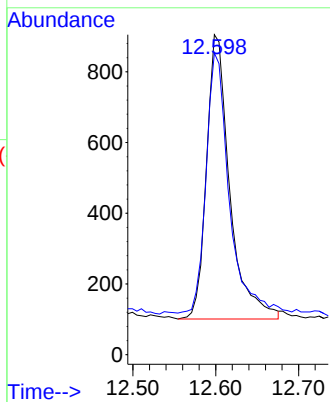
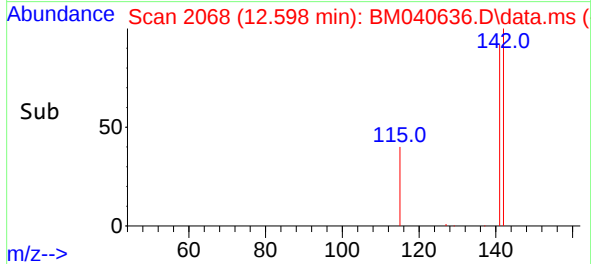
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



Tgt Ion:142 Resp: 1574
Ion Ratio Lower Upper
142 100
141 89.8 73.7 110.5

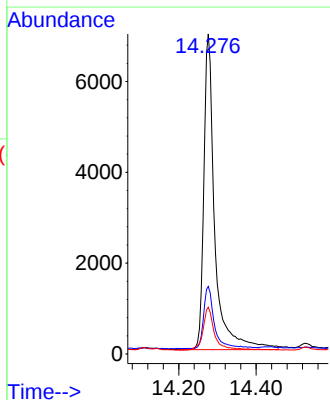
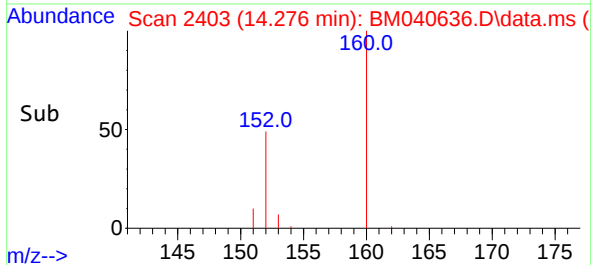
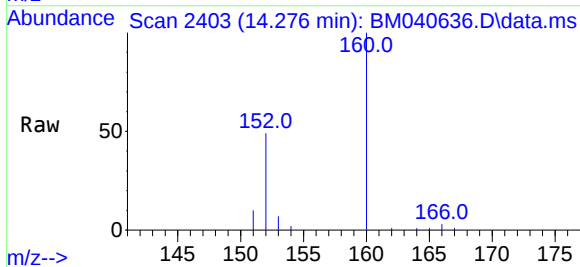
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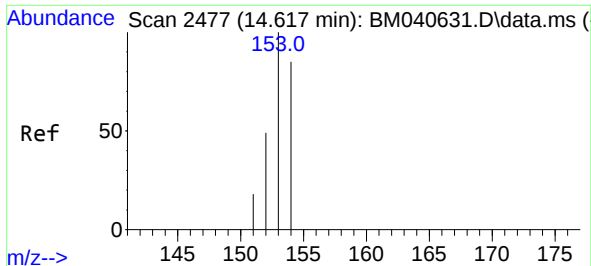
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.003 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

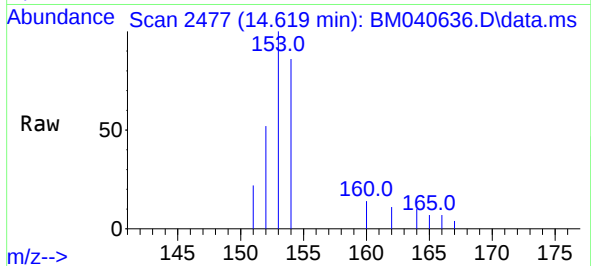
Tgt Ion:152 Resp: 13748
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.095 ng/u1
RT: 14.619 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

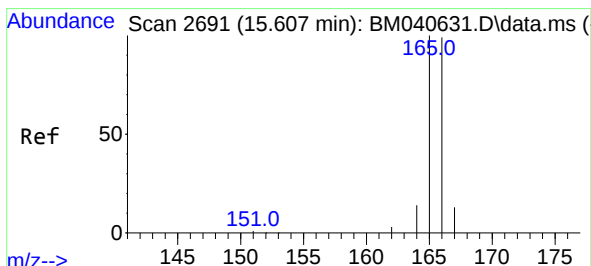
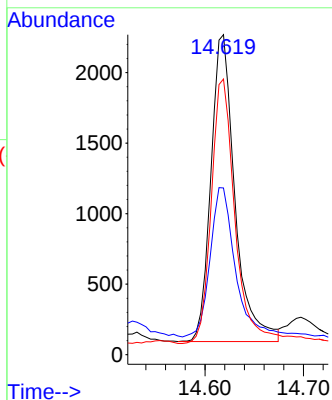
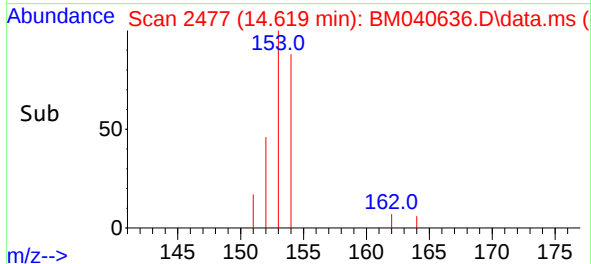
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



Tgt Ion:153 Resp: 3690
Ion Ratio Lower Upper
153 100
152 52.1 41.0 61.4
154 86.2 70.8 106.2

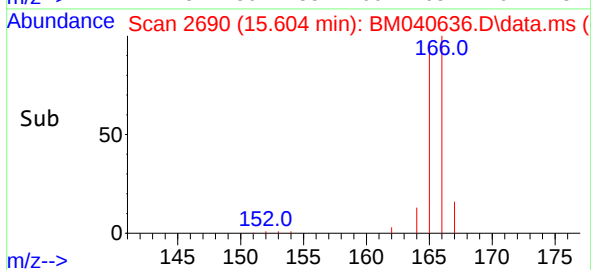
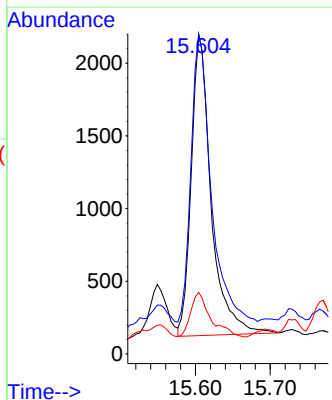
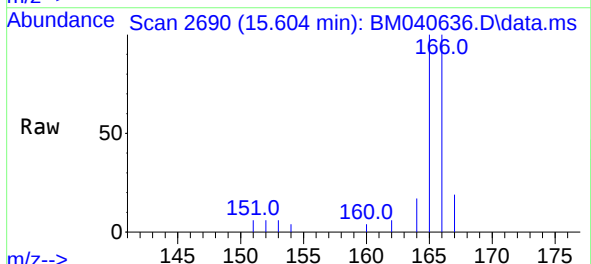
Manual Integrations
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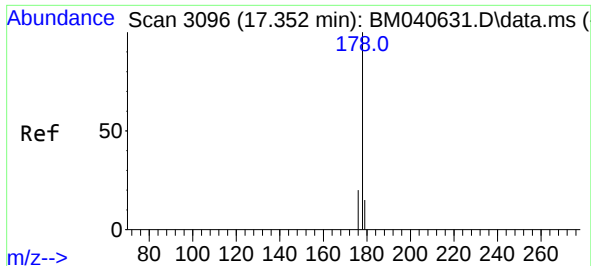
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.092 ng/u1
RT: 15.604 min Scan# 2690
Delta R.T. -0.003 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

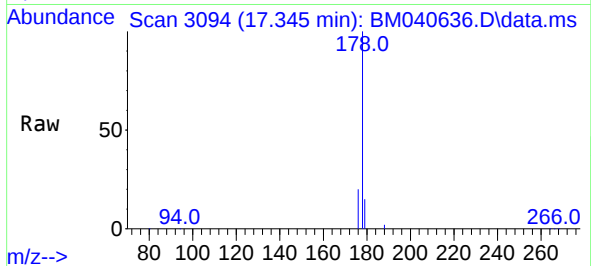
Tgt Ion:166 Resp: 3812
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 19.3 11.4 17.0#





#15
Phenanthrene
Concen: 1.556 ng/u1
RT: 17.345 min Scan# 3096
Delta R.T. -0.007 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

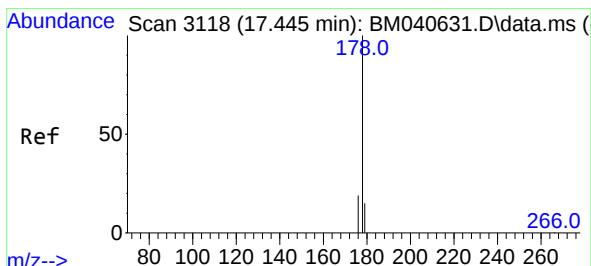
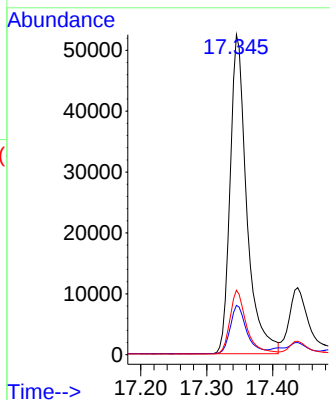
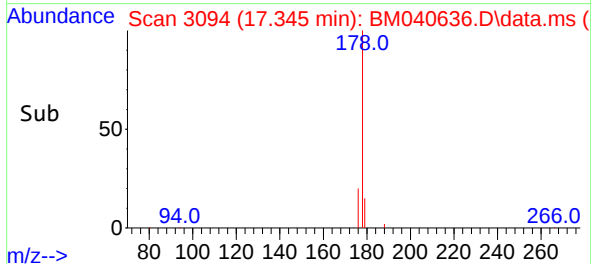
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



Tgt Ion:178 Resp: 91545
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 20.1 16.4 24.6

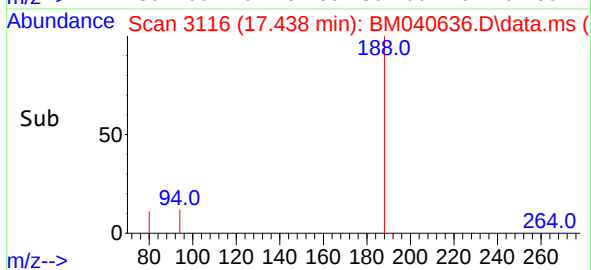
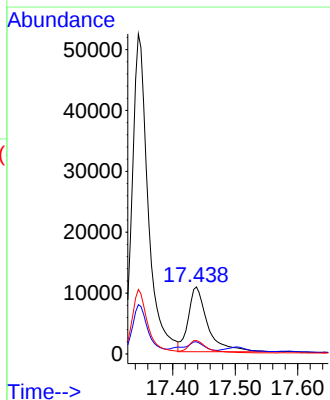
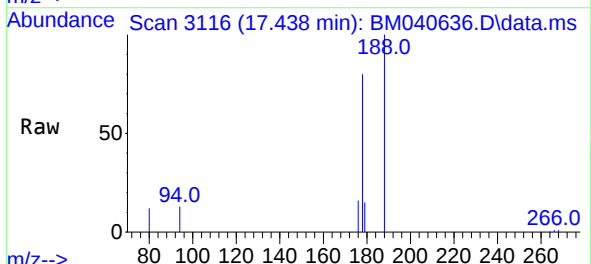
Manual Integrations
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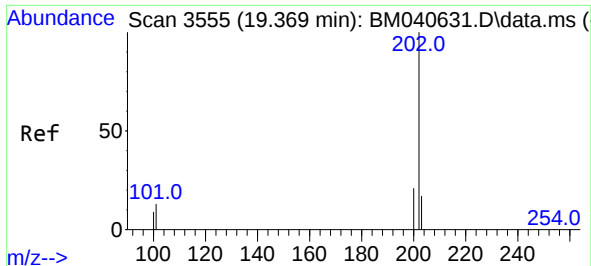
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.461 ng/u1
RT: 17.438 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

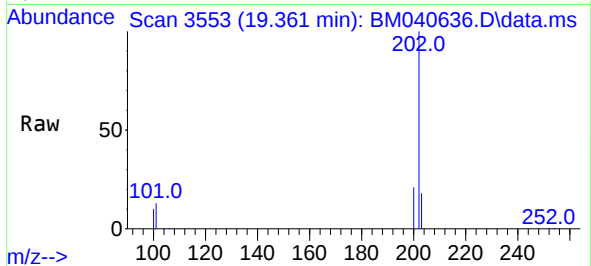
Tgt Ion:178 Resp: 22815
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.0 15.8 23.6





#19
Fluoranthene
Concen: 4.254 ng/u1
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

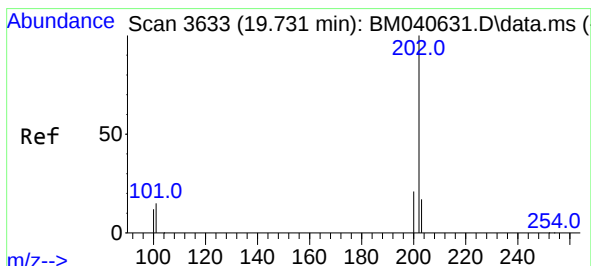
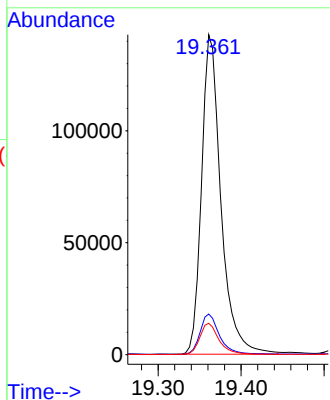
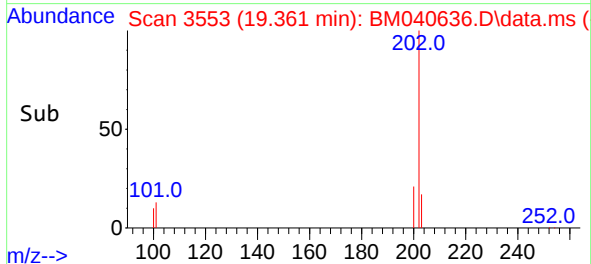
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DCGE2DL



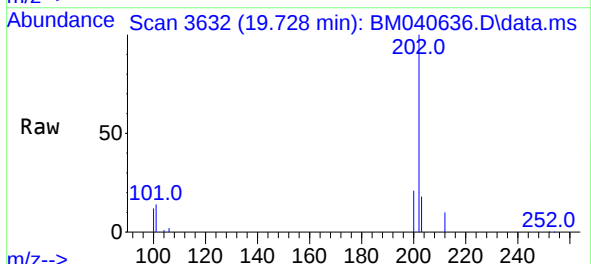
Tgt Ion:202 Resp: 232180
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.8 8.7 13.1

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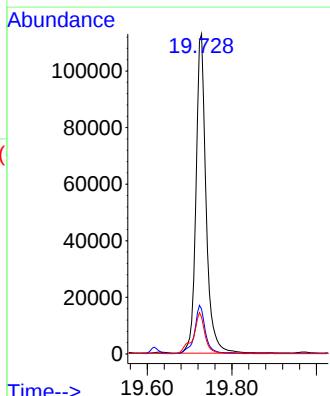
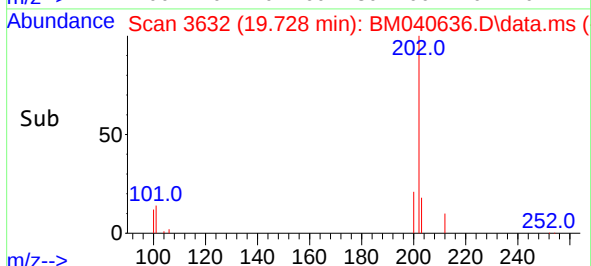
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

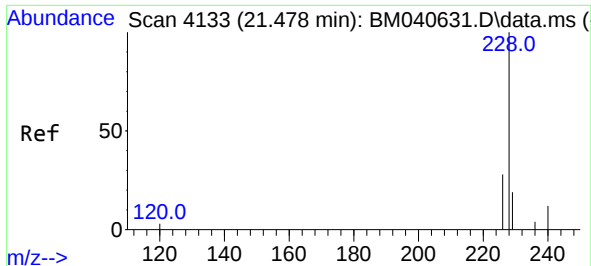


#20
Pyrene
Concen: 3.189 ng/u1
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00



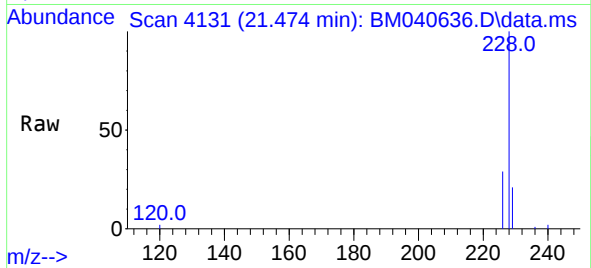
Tgt Ion:202 Resp: 186590
Ion Ratio Lower Upper
202 100
101 14.0 12.6 18.8
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.398 ng/ul
RT: 21.474 min Scan# 4133
Delta R.T. -0.004 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

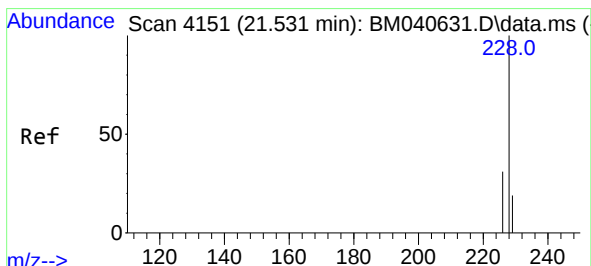
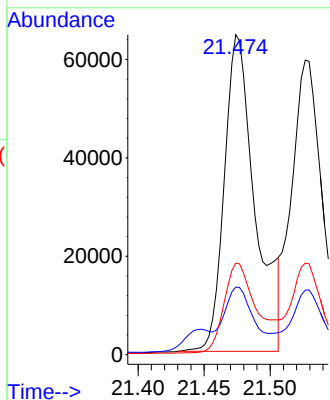
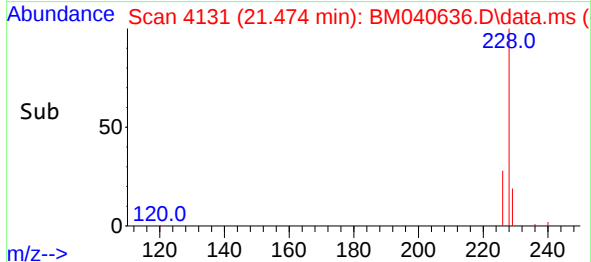
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



Tgt Ion:228 Resp: 10423
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.6 22.3 33.5

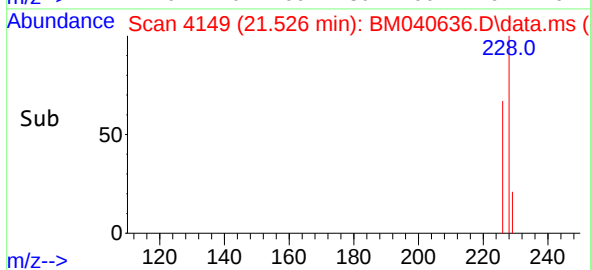
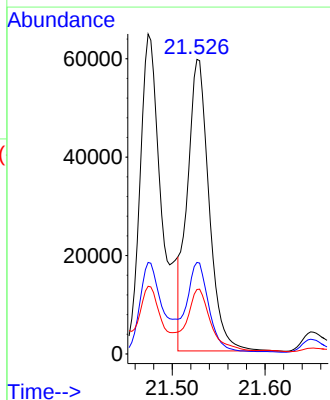
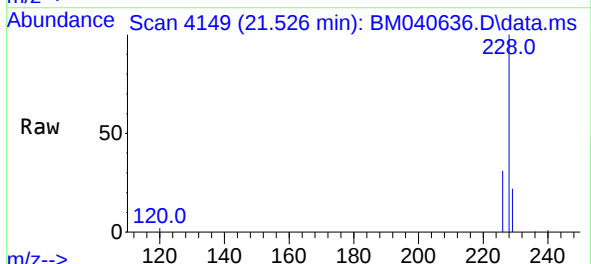
Manual Integrations
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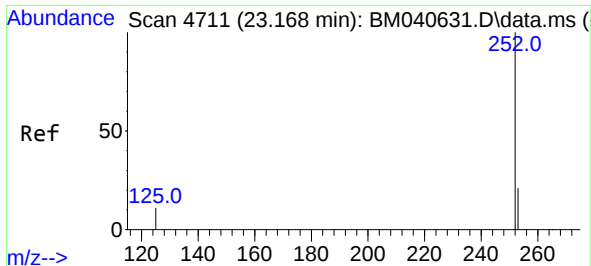
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 1.954 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.004 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

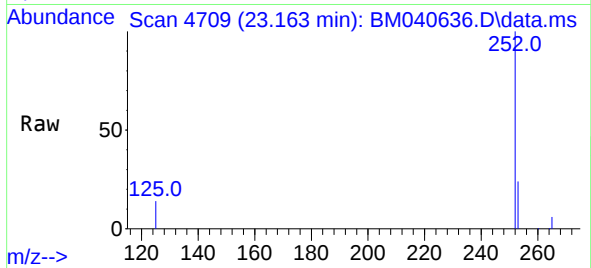
Tgt Ion:228 Resp: 96854
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.375 ng/ul
RT: 23.163 min Scan# 4711
Delta R.T. -0.004 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

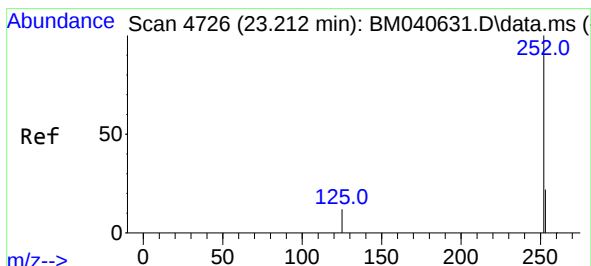
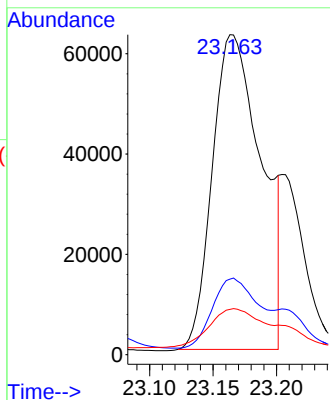
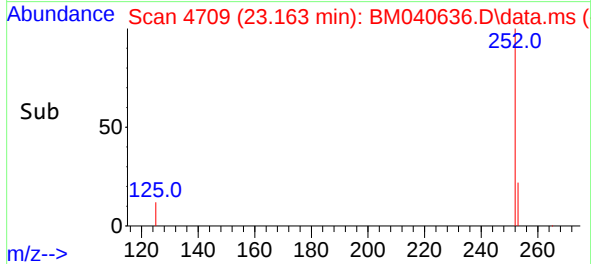
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



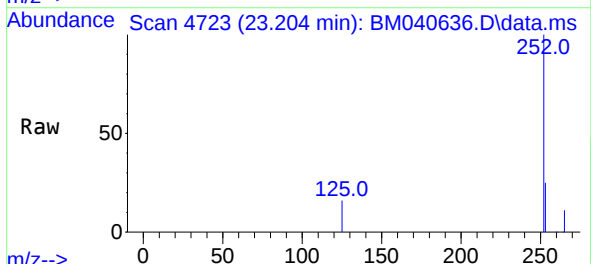
Tgt Ion:252 Resp: 168680
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.8
125 14.2 0.0 43.0

Manual Integrations
APPROVED

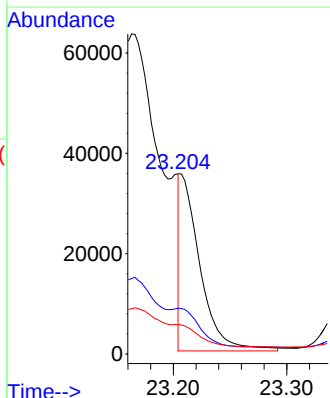
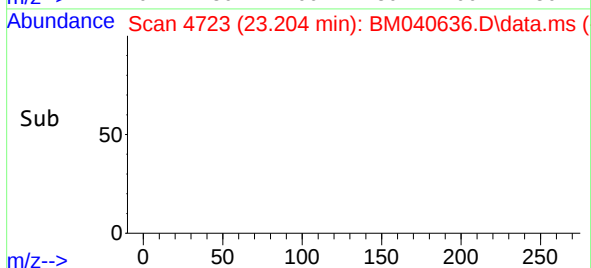
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

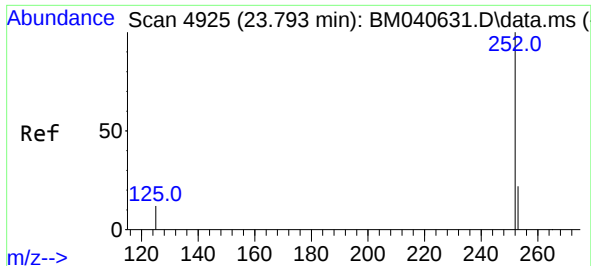


#25
Benzo(k)fluoranthene
Concen: 0.877 ng/ul m
RT: 23.204 min Scan# 4723
Delta R.T. -0.007 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00



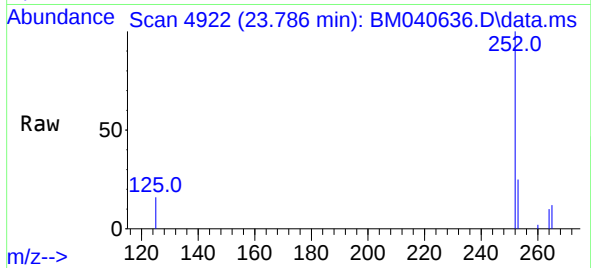
Tgt Ion:252 Resp: 43212
Ion Ratio Lower Upper
252 100
253 25.4 21.2 31.8
125 16.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.133 ng/ul
RT: 23.786 min Scan# 4925
Delta R.T. -0.007 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

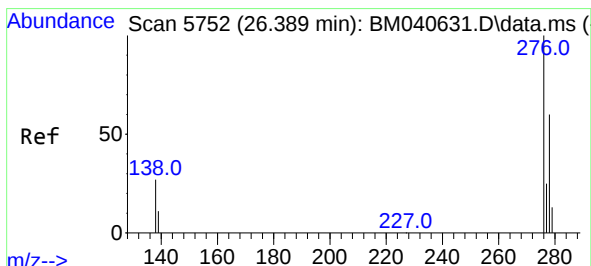
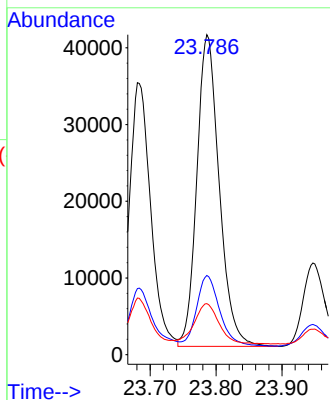
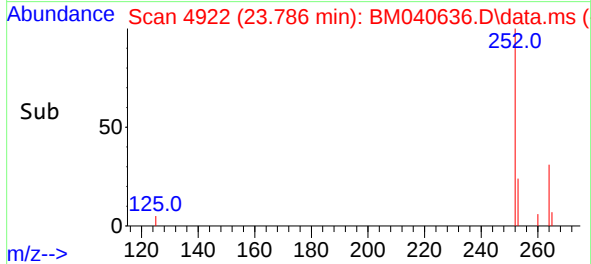
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



Tgt Ion:252 Resp: 96019
Ion Ratio Lower Upper
252 100
253 24.7 22.9 34.3
125 16.0 21.0 31.4

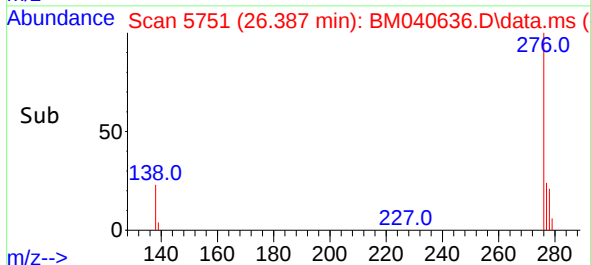
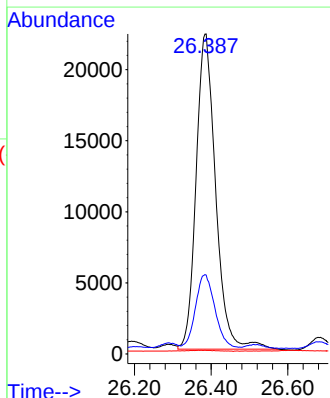
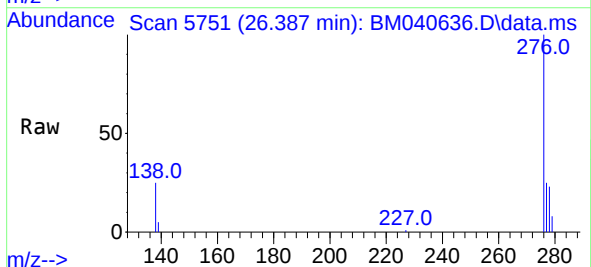
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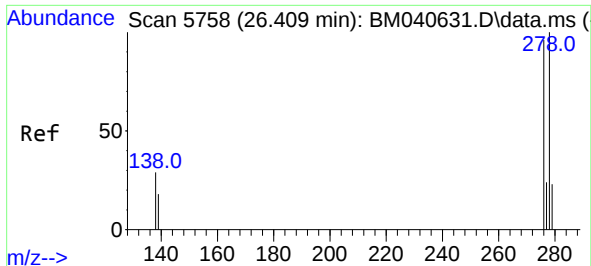
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.255 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.002 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

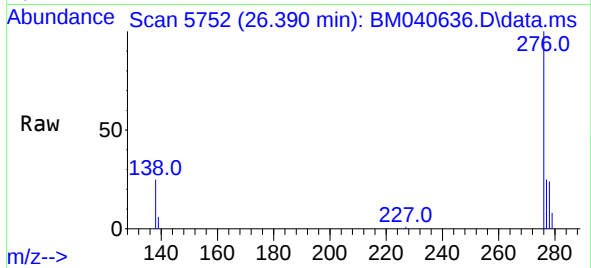
Tgt Ion:276 Resp: 78705
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 26.390 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00

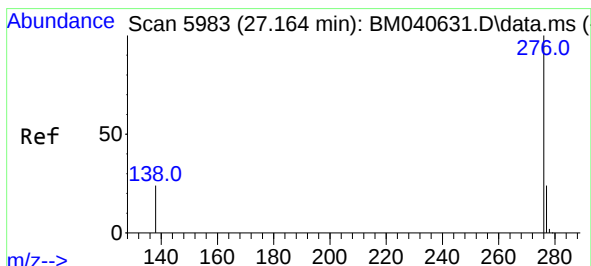
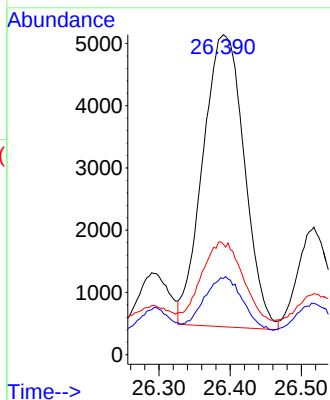
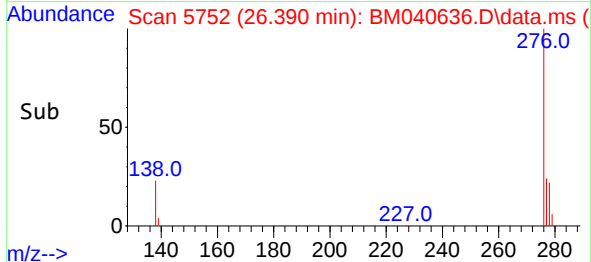
Instrument :
BNA_M
ClientSampleId :
DCGE2DL



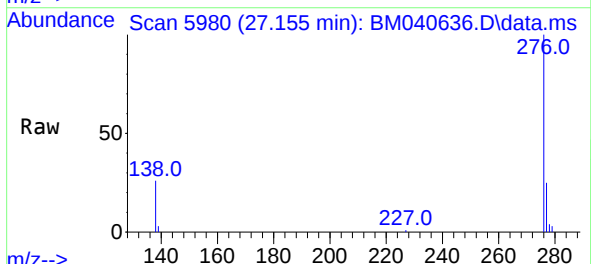
Tgt Ion:278 Resp: 19040
Ion Ratio Lower Upper
278 100
139 23.8 17.9 26.9
279 34.5 22.0 33.0

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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: 1.289 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.009 min
Lab File: BM040636.D
Acq: 05 Jul 2023 12:00



Tgt Ion:276 Resp: 70831
Ion Ratio Lower Upper
276 100
138 26.1 23.0 34.6
277 24.6 20.3 30.5

