

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040615.D
 Acq On : 04 Jul 2023 17:10
 Operator : MA/JU
 Sample : 03246-06DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGJ3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 02:40:49 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	7486	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	27819	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12811	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	24336	0.400	ng/ul	-0.01
17) Chrysene-d12	21.492	240	13890	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	13408	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	6794	0.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1817	0.047	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	2511	0.056	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	7524	0.098	ng/ul#	94
7) 2-Methylnaphthalene	12.384	142	5253	0.117	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	3377	0.075	ng/ul	100
10) Acenaphthylene	14.281	152	4911	0.086	ng/ul#	91
15) Phenanthrene	17.349	178	27675	0.366	ng/ul	100
16) Anthracene	17.442	178	6112	0.096	ng/ul#	91
19) Fluoranthene	19.366	202	62656	1.062	ng/ul	96
20) Pyrene	19.728	202	52498	0.830	ng/ul	99
21) Benzo(a)anthracene	21.477	228	31562	0.672	ng/ul	95
22) Chrysene	21.529	228	29378	0.548	ng/ul	97
24) Benzo(b)fluoranthene	23.166	252	49293	0.950	ng/ul	97
25) Benzo(k)fluoranthene	23.207	252	14980m	0.293	ng/ul	
26) Benzo(a)pyrene	23.789	252	28152	0.602	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.390	276	25929	0.398	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.397	278	6352	0.125	ng/ul#	75
29) Benzo(g,h,i)perylene	27.162	276	24243	0.425	ng/ul	98

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

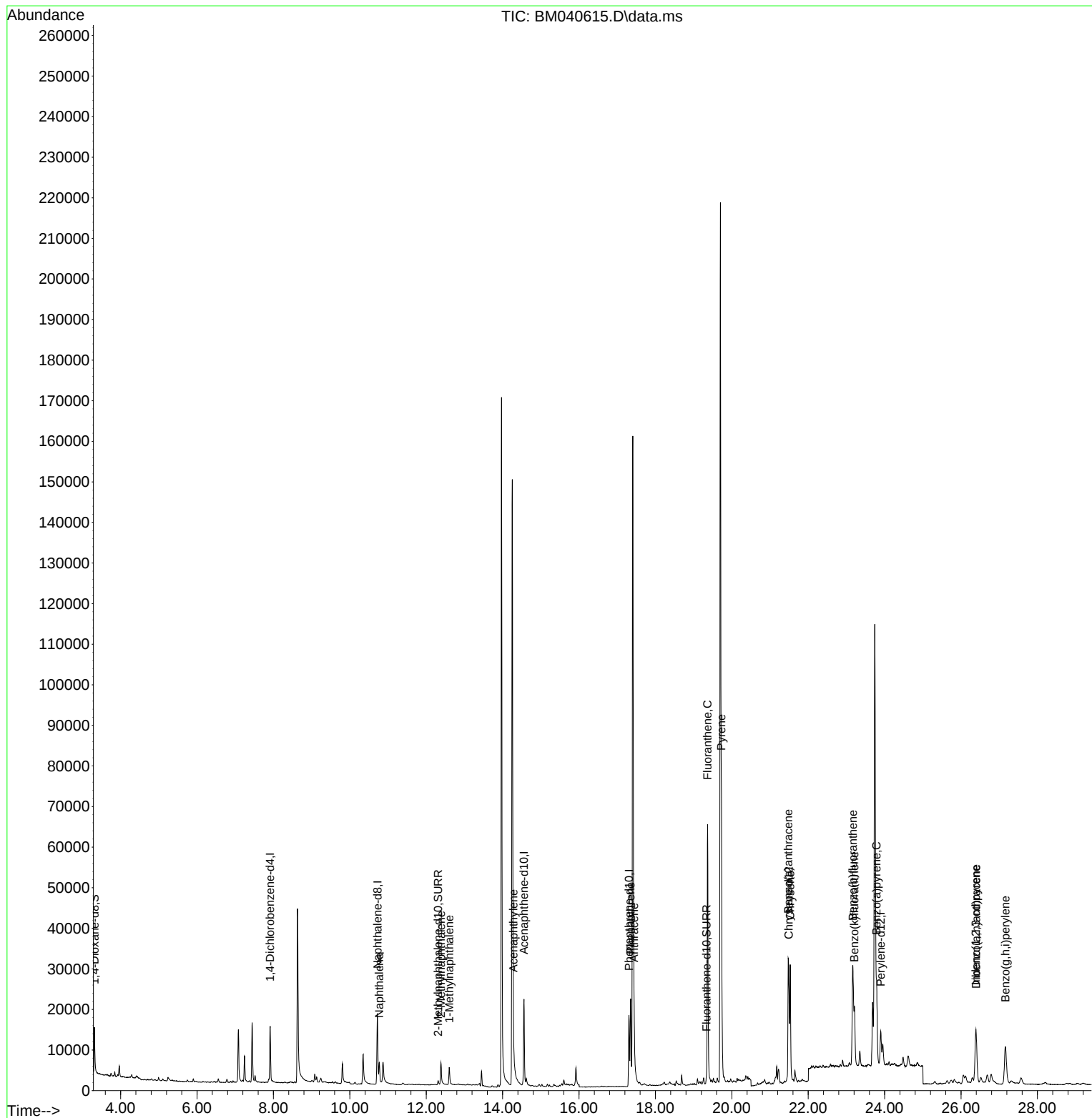
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040615.D
Acq On : 04 Jul 2023 17:10
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ALS Vial : 52 Sample Multiplier: 1

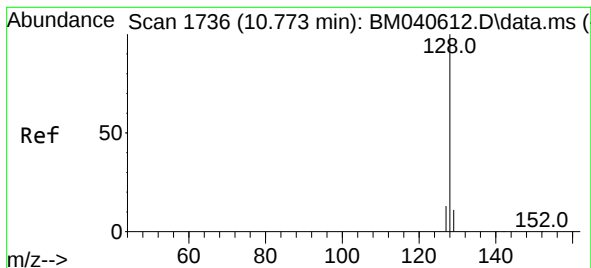
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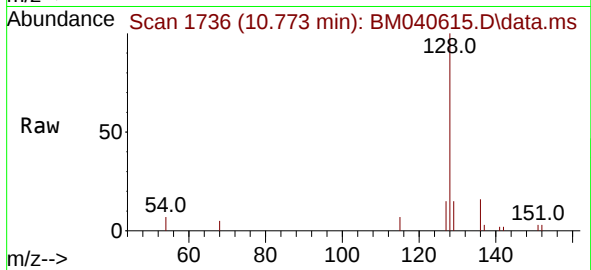
Quant Time: Jul 05 02:40:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

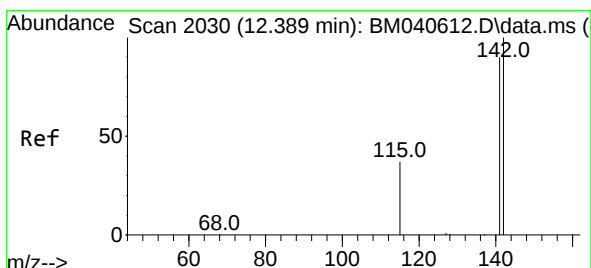
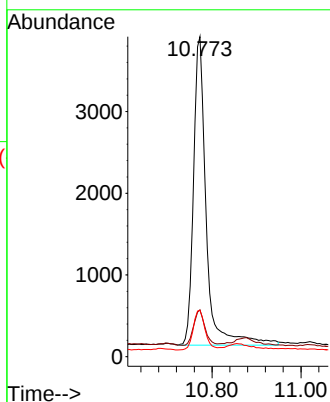
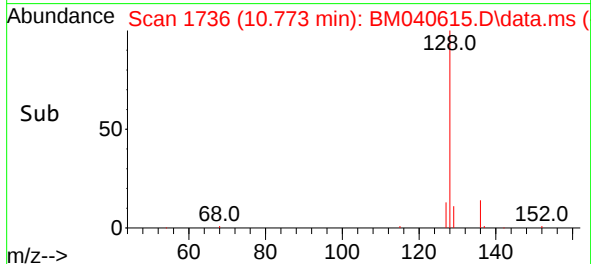
Instrument :
BNA_M
ClientSampleId :
DCGJ3DL



Tgt Ion:128 Resp: 7524
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8
127 14.5 10.6 15.8

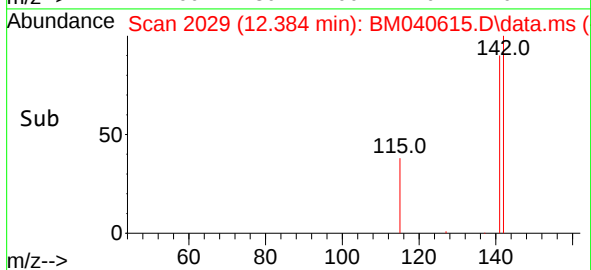
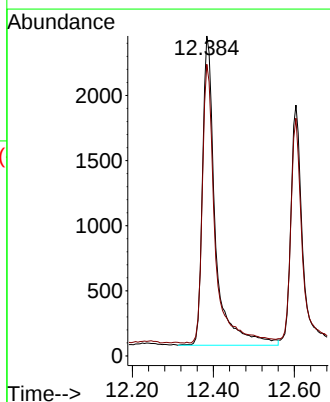
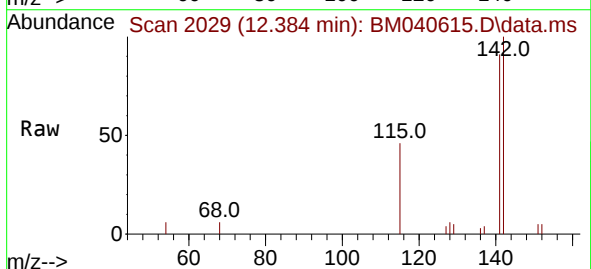
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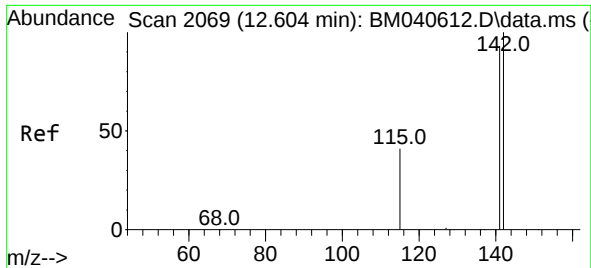
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

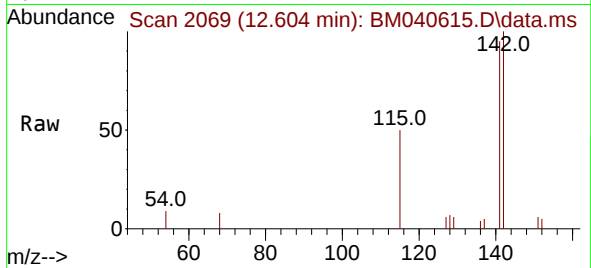
Tgt Ion:142 Resp: 5253
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

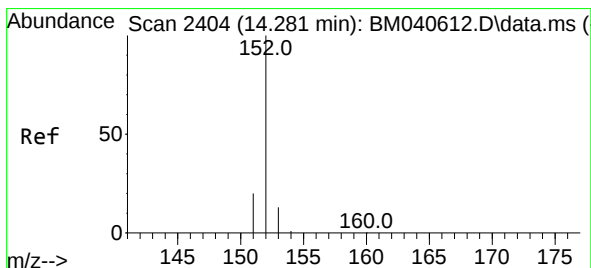
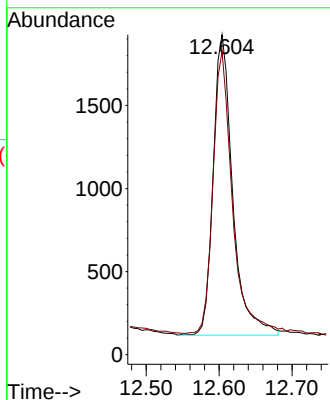
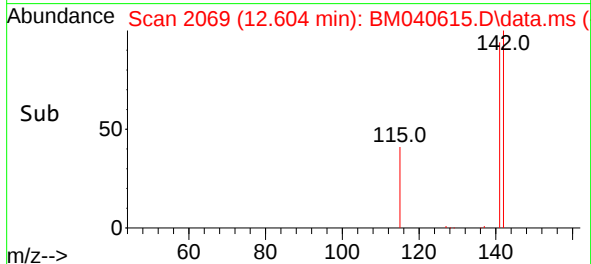
Instrument :
BNA_M
ClientSampleId :
DCGJ3DL



Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
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141 92.5 73.7 110.5

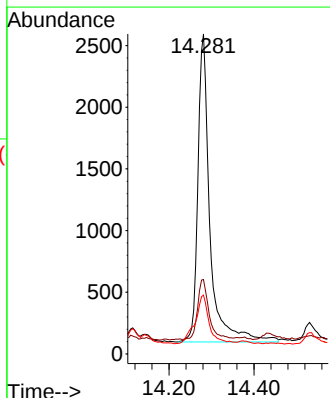
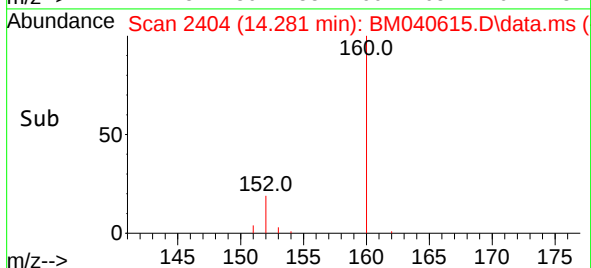
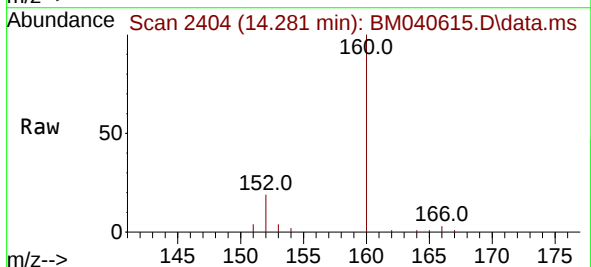
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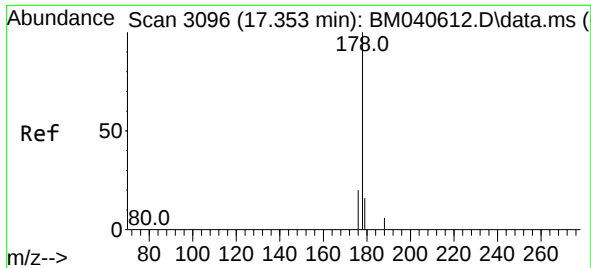
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

Tgt Ion:152 Resp: 4911
Ion Ratio Lower Upper
152 100
151 23.2 16.2 24.2
153 18.4 10.9 16.3#





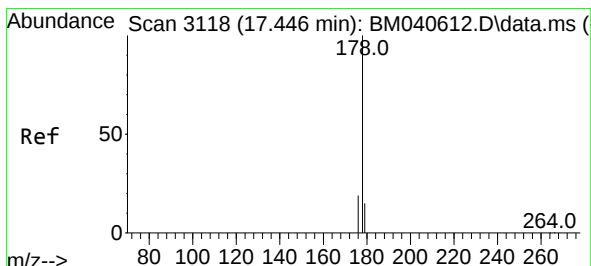
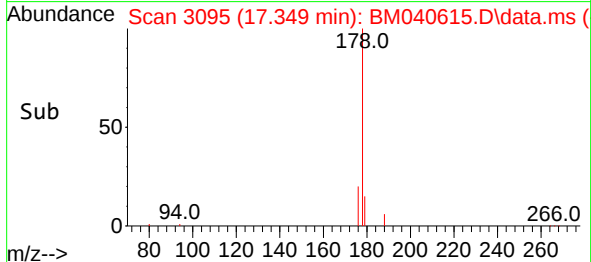
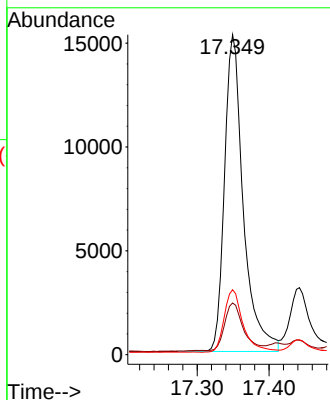
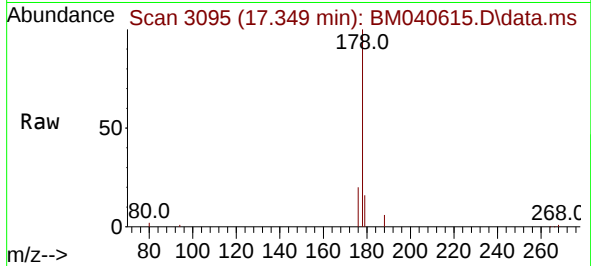
#15
Phenanthrene
Concen: 0.366 ng/u1
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

Instrument :
BNA_M
ClientSampleId :
DCGJ3DL

Tgt Ion:178 Resp: 2767
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.3 16.4 24.6

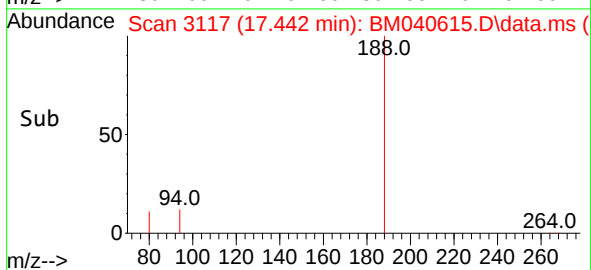
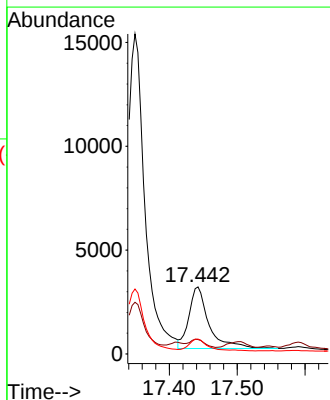
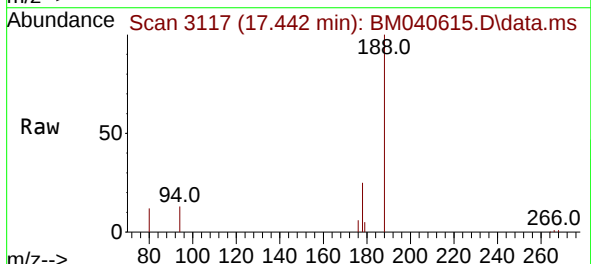
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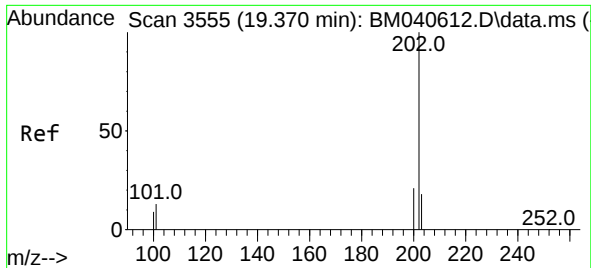
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.096 ng/u1
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

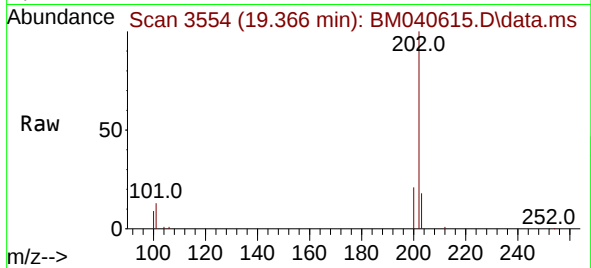
Tgt Ion:178 Resp: 6112
Ion Ratio Lower Upper
178 100
179 21.5 12.9 19.3#
176 22.2 15.8 23.6





#19
Fluoranthene
Concen: 1.062 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

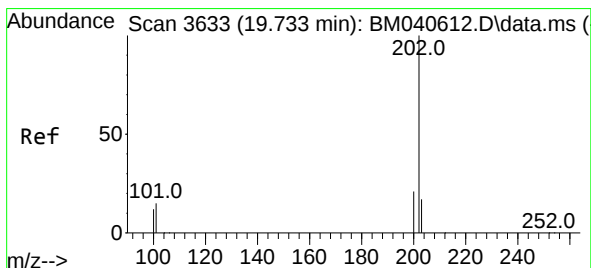
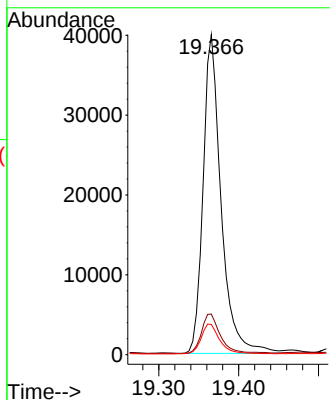
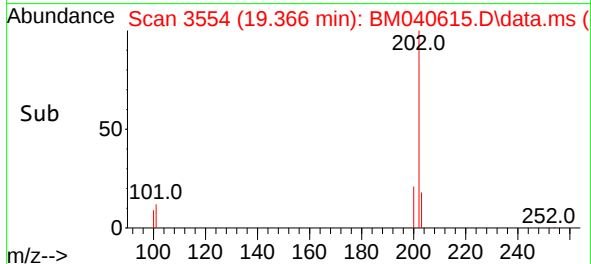
Instrument :
BNA_M
ClientSampleId :
DCGJ3DL



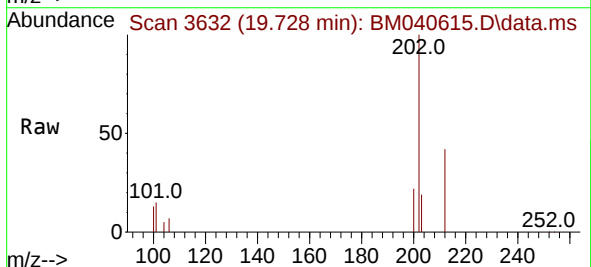
Tgt Ion:202 Resp: 62650
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

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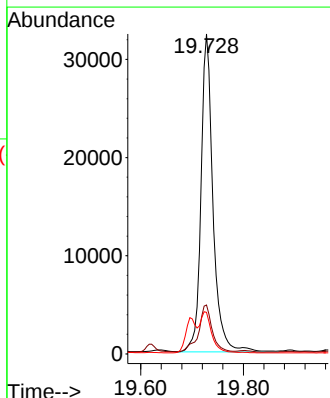
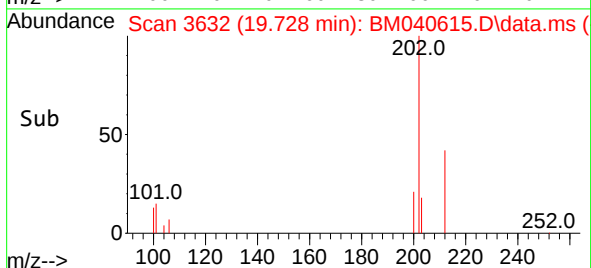
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

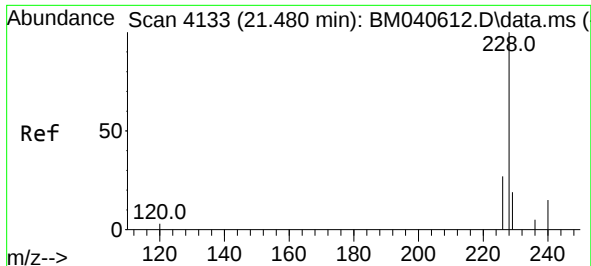


#20
Pyrene
Concen: 0.830 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10



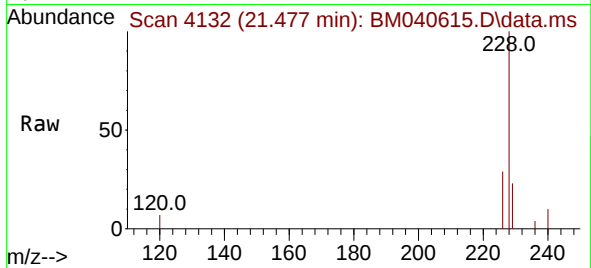
Tgt Ion:202 Resp: 52498
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 13.0 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.672 ng/ul
RT: 21.477 min Scan# 4132
Delta R.T. -0.012 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

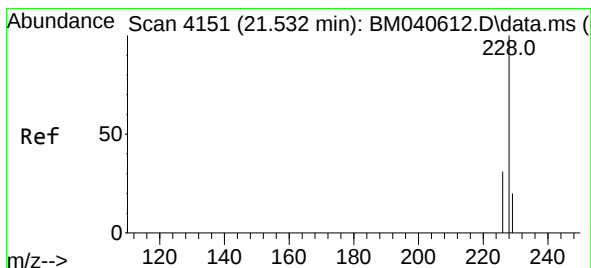
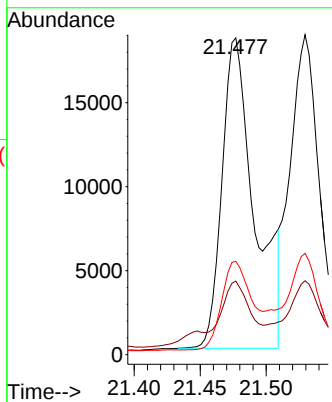
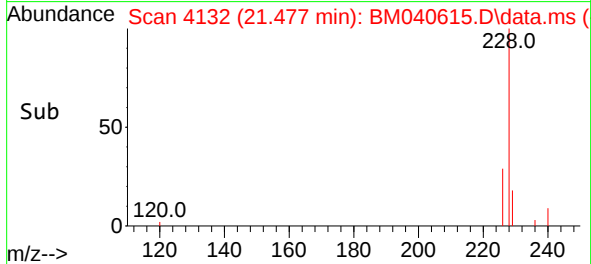
Instrument :
BNA_M
ClientSampleId :
DCGJ3DL



Tgt Ion:228 Resp: 31562
Ion Ratio Lower Upper
228 100
229 23.2 16.0 24.0
226 29.4 22.3 33.5

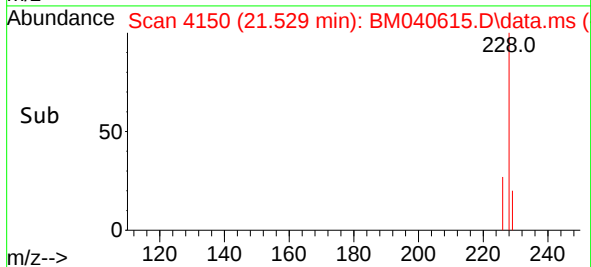
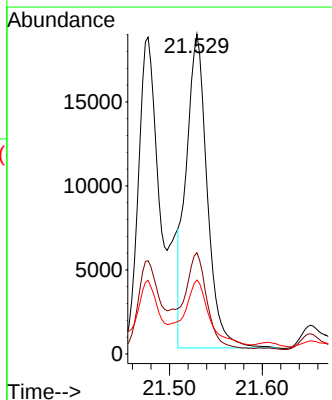
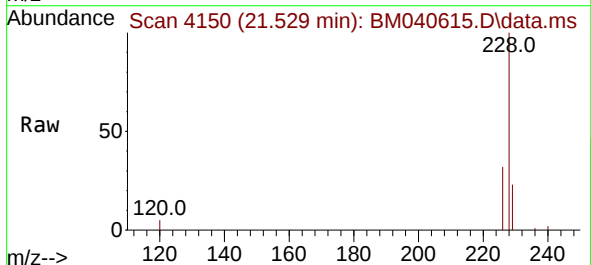
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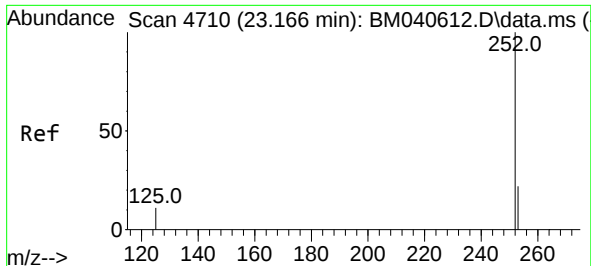
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.548 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

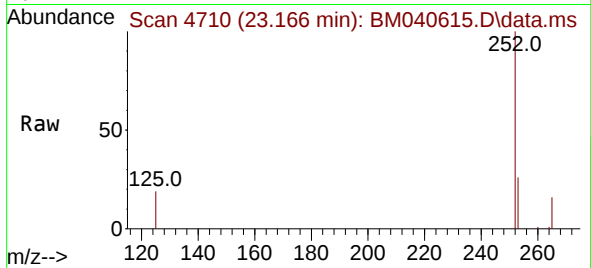
Tgt Ion:228 Resp: 29378
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 23.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.950 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

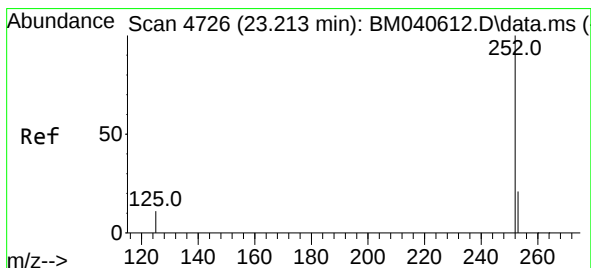
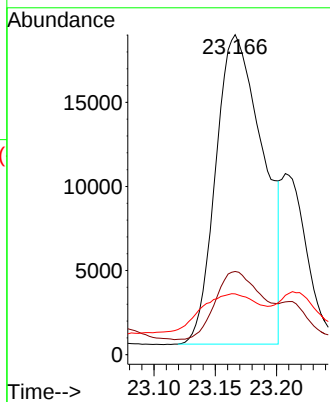
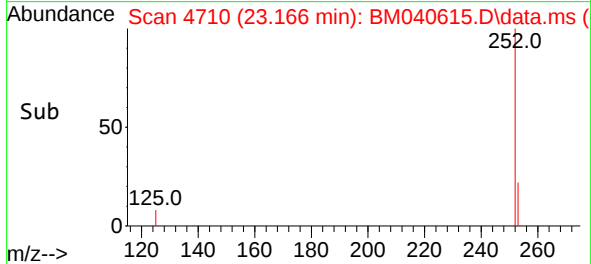
Instrument :
BNA_M
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DCGJ3DL



Tgt Ion:252 Resp: 4929
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 19.0 0.0 43.0

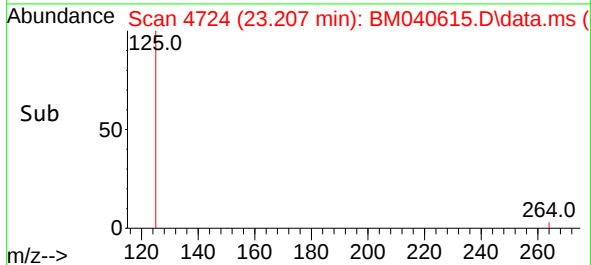
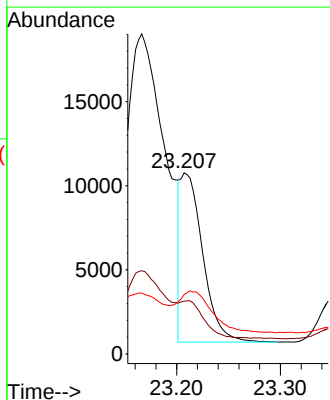
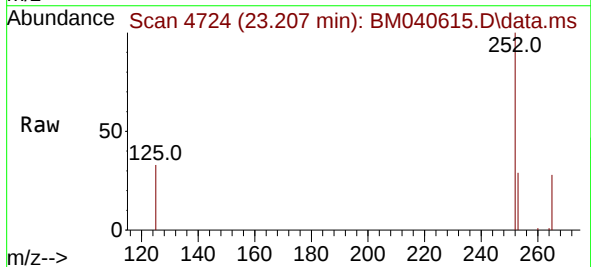
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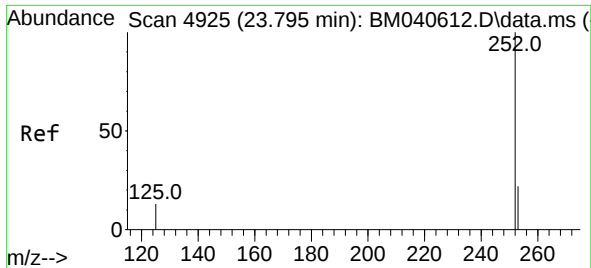
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 23.207 min Scan# 4724
Delta R.T. -0.017 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

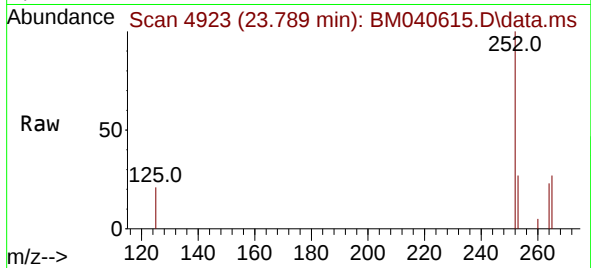
Tgt Ion:252 Resp: 14980
Ion Ratio Lower Upper
252 100
253 29.1 21.2 31.8
125 32.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.602 ng/u1
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

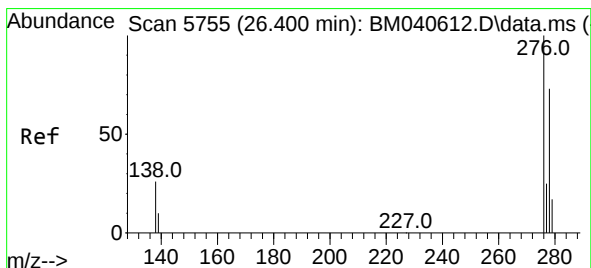
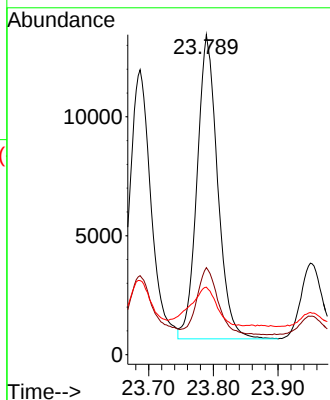
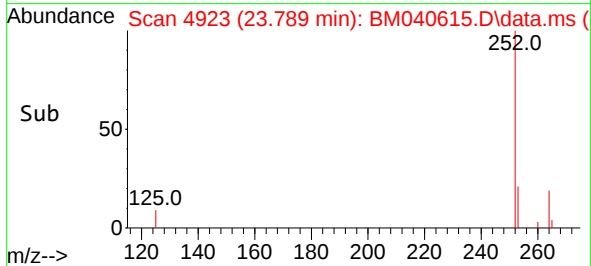
Instrument :
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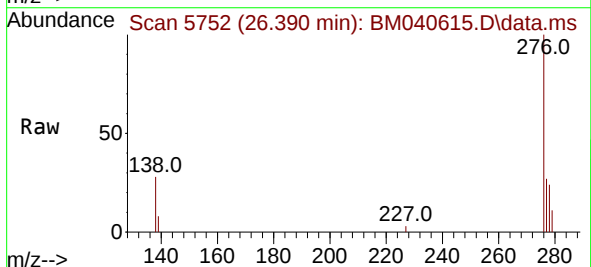
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Ion Ratio Lower Upper
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125 21.1 21.0 31.4

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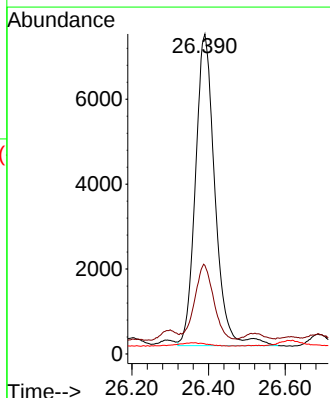
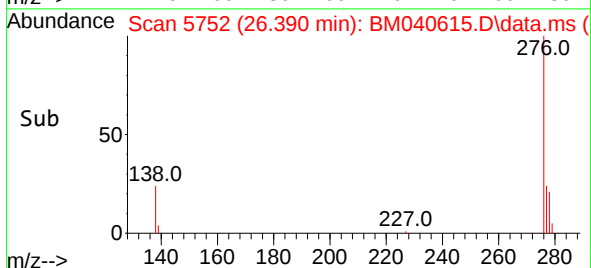
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

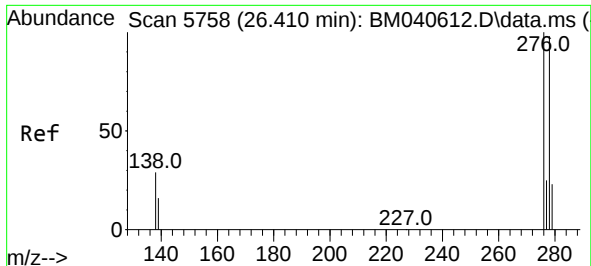


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/u1
RT: 26.390 min Scan# 5752
Delta R.T. -0.027 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10



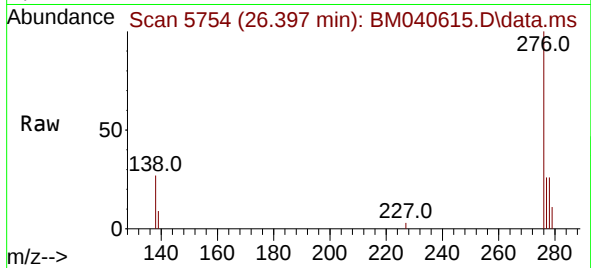
Tgt Ion:276 Resp: 25929
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.397 min Scan# 51
Delta R.T. -0.033 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10

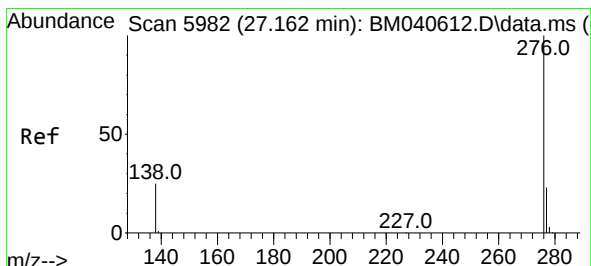
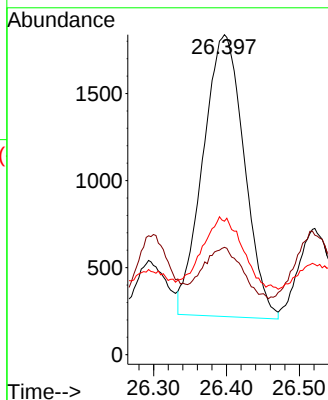
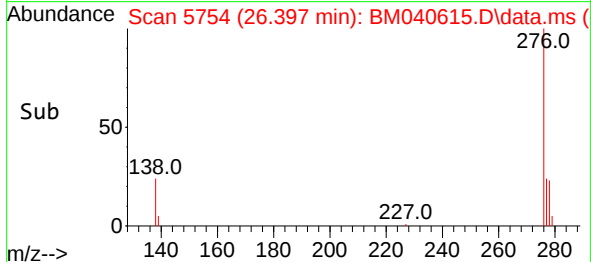
Instrument :
BNA_M
ClientSampleId :
DCGJ3DL



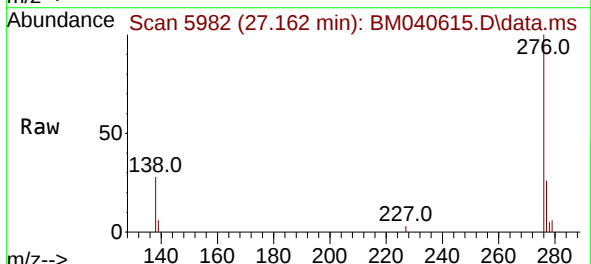
Tgt Ion:278 Resp: 635
Ion Ratio Lower Upper
278 100
139 33.6 17.9 26.9
279 41.7 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.162 min Scan# 5982
Delta R.T. -0.020 min
Lab File: BM040615.D
Acq: 04 Jul 2023 17:10



Tgt Ion:276 Resp: 24243
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.6
277 25.9 20.3 30.5

