

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040311.D
 Acq On : 19 Jun 2023 13:01
 Operator : MA/JU
 Sample : 03080-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:12:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	10166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	39310	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.605	164	22340	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	41090	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	21953	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	32935	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	48737	3.882	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	15002	0.301	ng/ul	-0.01
18) Fluoranthene-d10	19.371	212	24660	0.450	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	150673	1.618	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	64386	1.112	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	47128	0.777	ng/ul	99
10) Acenaphthylene	14.328	152	115116	1.473	ng/ul	98
11) Acenaphthene	14.665	153	61469	0.918	ng/ul	99
12) Fluorene	15.651	166	53143	0.712	ng/ul#	98
14) Pentachlorophenol	16.999	266	708	0.084	ng/ul	96
15) Phenanthrene	17.387	178	1385159	12.821	ng/ul	99
16) Anthracene	17.480	178	306869	3.353	ng/ul	99
19) Fluoranthene	19.403	202	4363507	58.351	ng/ul	99
20) Pyrene	19.766	202	3707378	47.717	ng/ul	99
21) Benzo(a)anthracene	21.512	228	2267565	34.994	ng/ul	98
22) Chrysene	21.565	228	2165096	31.630	ng/ul	97
24) Benzo(b)fluoranthene	23.216	252	3798243	31.284	ng/ul	90
25) Benzo(k)fluoranthene	23.260	252	1263263m	11.049	ng/ul	
26) Benzo(a)pyrene	23.851	252	2600348	26.101	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.481	276	2282745	18.101	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.484	278	602682	5.953	ng/ul	97
29) Benzo(g,h,i)perylene	27.259	276	2177051	20.669	ng/ul	97

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

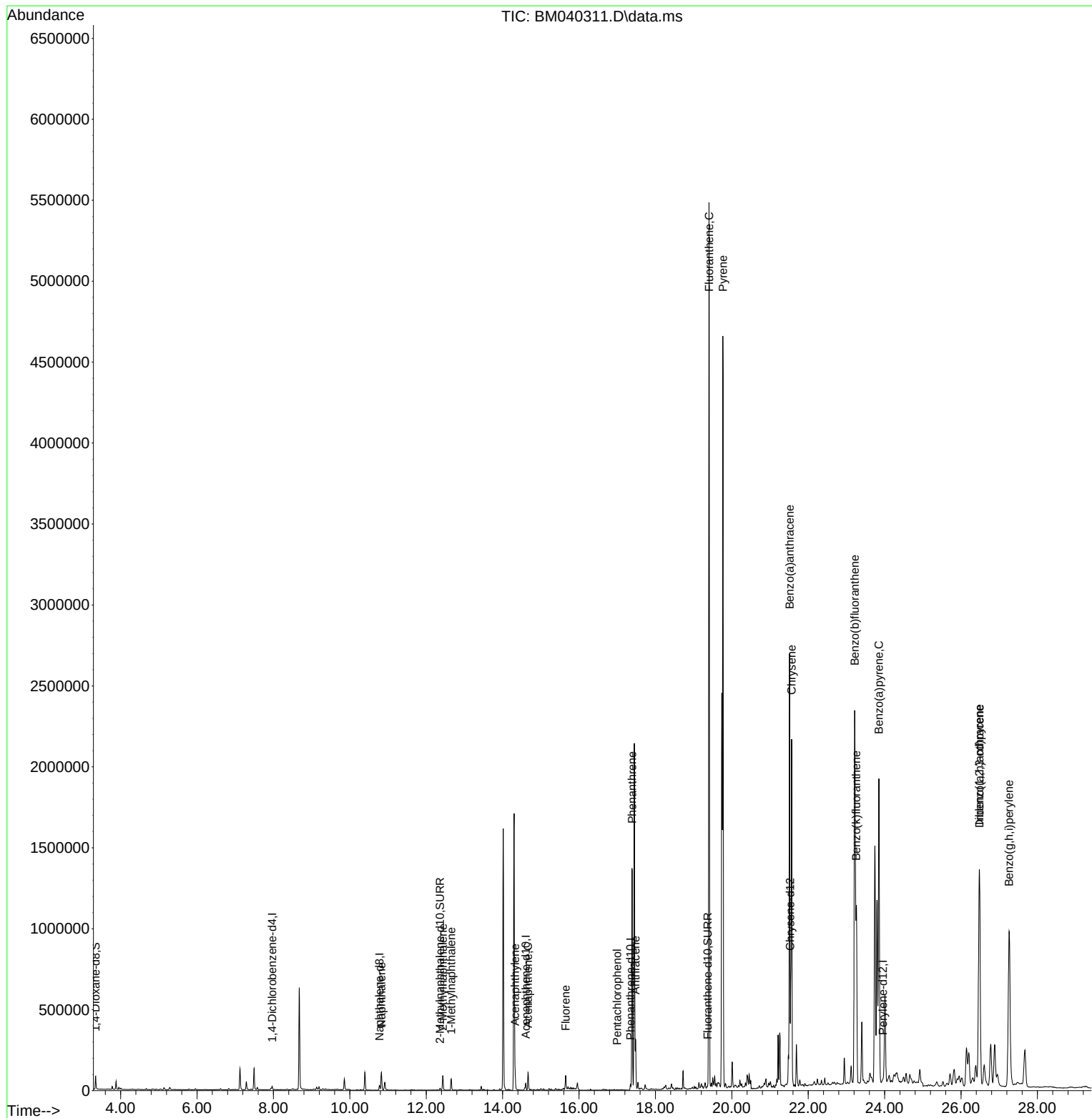
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040311.D
Acq On : 19 Jun 2023 13:01
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Sample : 03080-13
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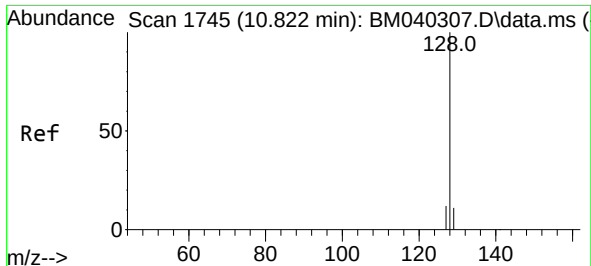
Instrument :
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Supervised By :mohammad ahmed 06/21/2023

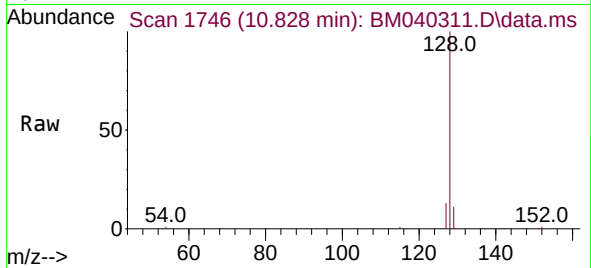
Quant Time: Jun 20 00:12:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.618 ng/ul
RT: 10.828 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

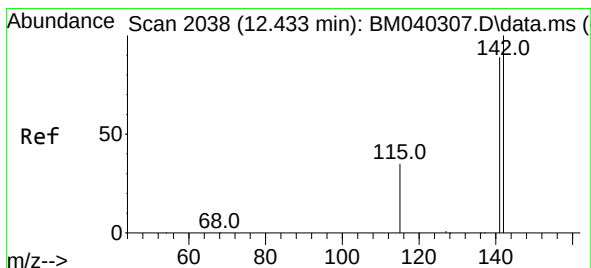
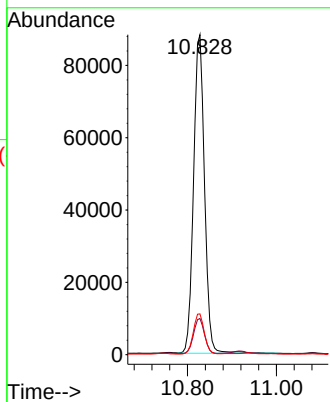
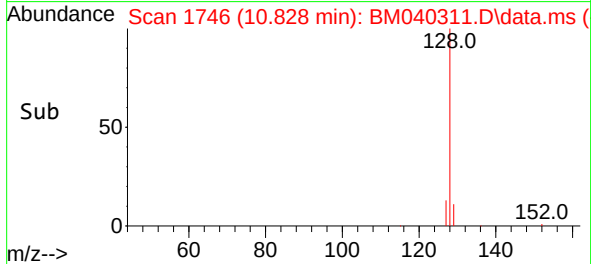
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:128 Resp: 15067
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 12.7 10.4 15.6

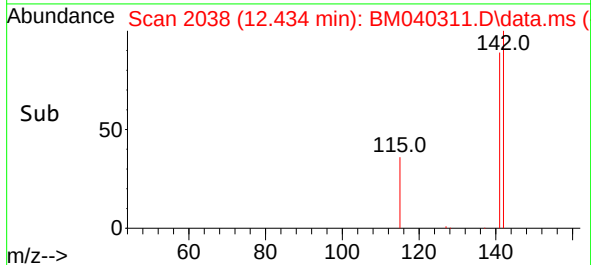
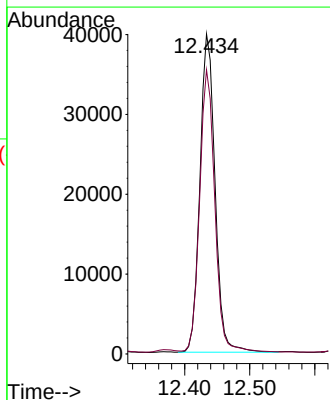
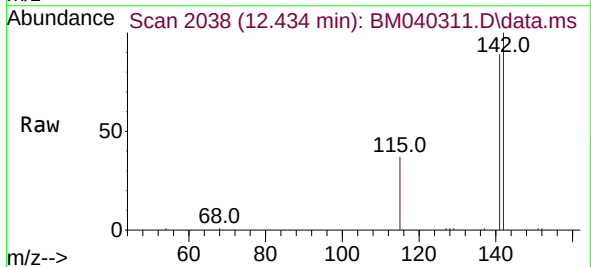
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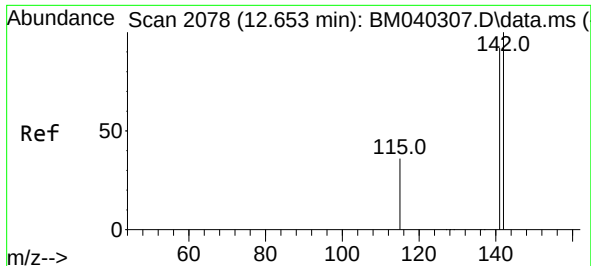
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#7
2-Methylnaphthalene
Concen: 1.112 ng/ul
RT: 12.434 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

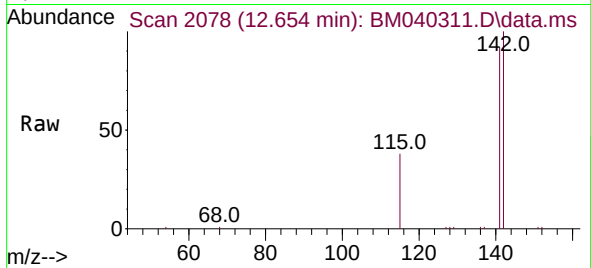
Tgt Ion:142 Resp: 64386
Ion Ratio Lower Upper
142 100
141 89.2 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.777 ng/ul
RT: 12.654 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

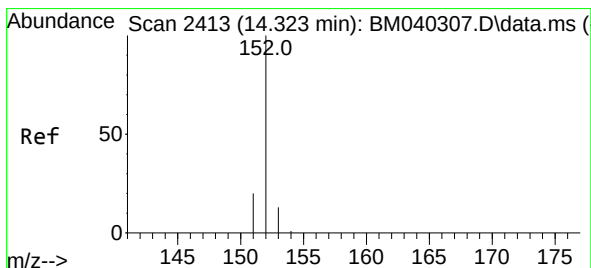
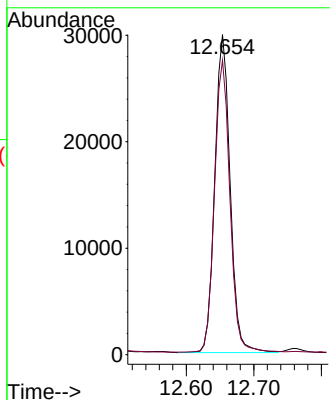
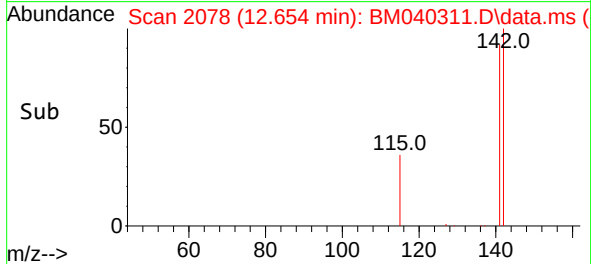
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:142 Resp: 47128
Ion Ratio Lower Upper
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141 92.2 73.0 109.4

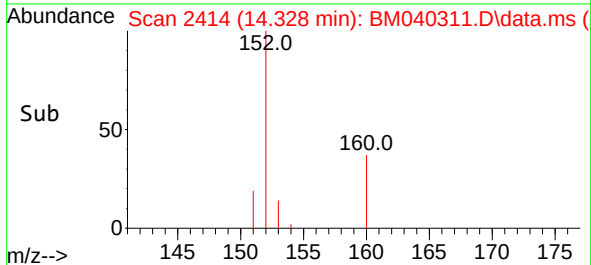
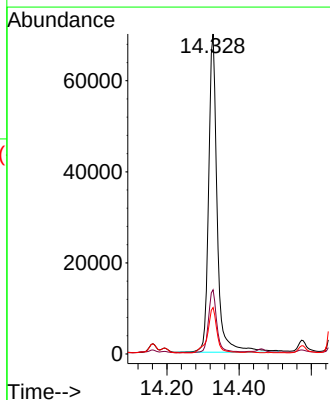
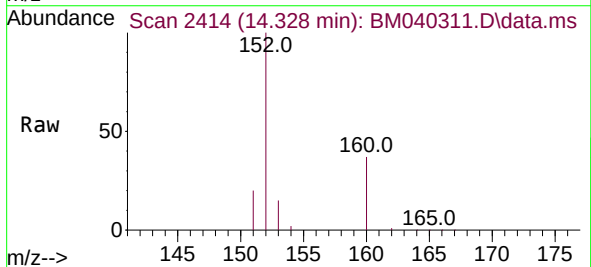
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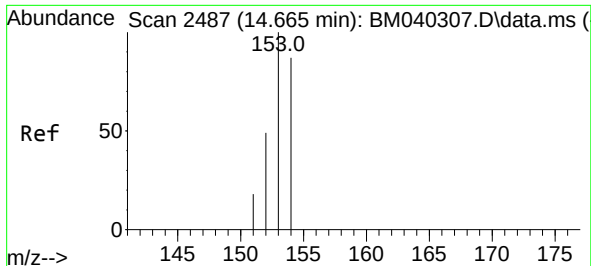
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 1.473 ng/ul
RT: 14.328 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

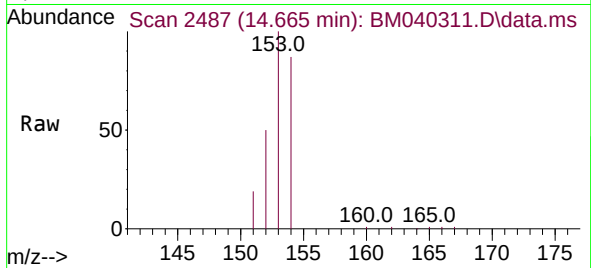
Tgt Ion:152 Resp: 115116
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.5 10.7 16.1





#11
Acenaphthene
Concen: 0.918 ng/ul
RT: 14.665 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

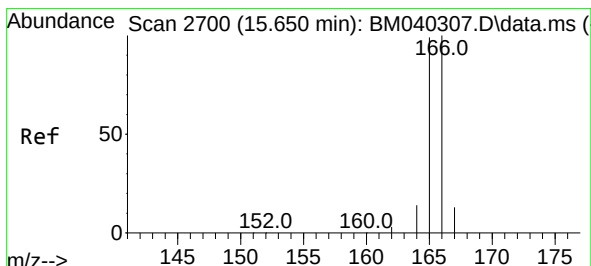
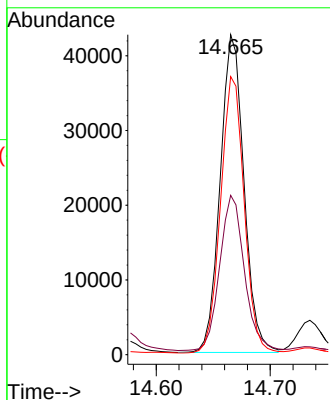
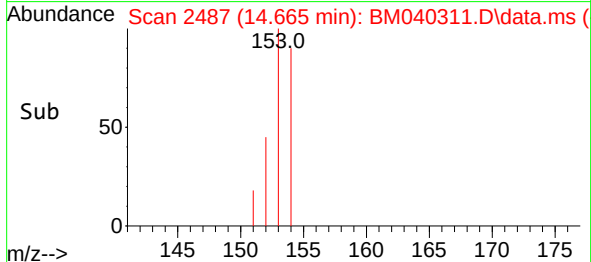
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:153 Resp: 61469
Ion Ratio Lower Upper
153 100
152 49.8 40.3 60.5
154 86.9 70.5 105.7

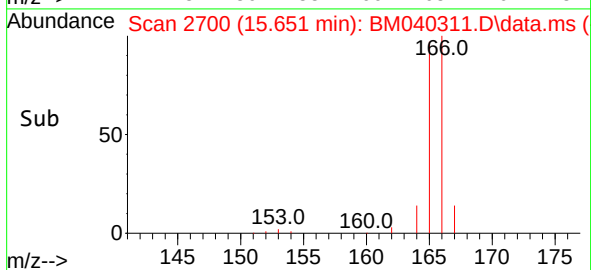
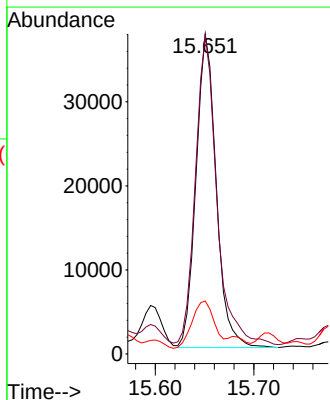
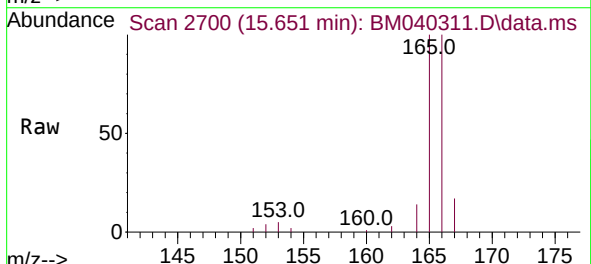
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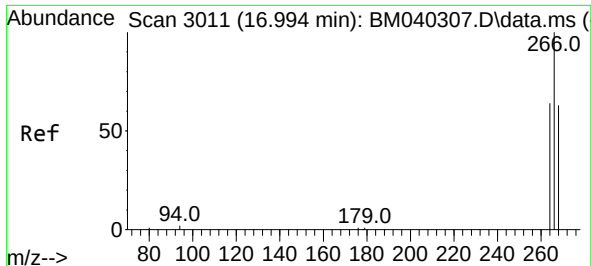
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.712 ng/ul
RT: 15.651 min Scan# 2700
Delta R.T. -0.009 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

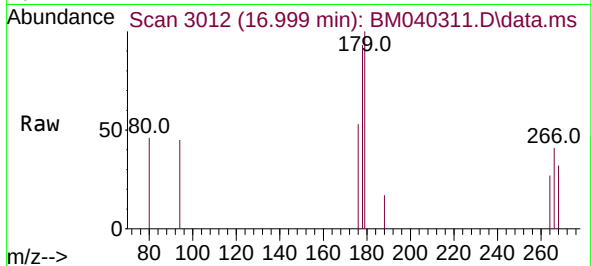
Tgt Ion:166 Resp: 53143
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 16.6 11.0 16.4#





#14
 Pentachlorophenol
 Concen: 0.084 ng/ul
 RT: 16.999 min Scan# 3011
 Delta R.T. -0.008 min
 Lab File: BM040311.D
 Acq: 19 Jun 2023 13:01

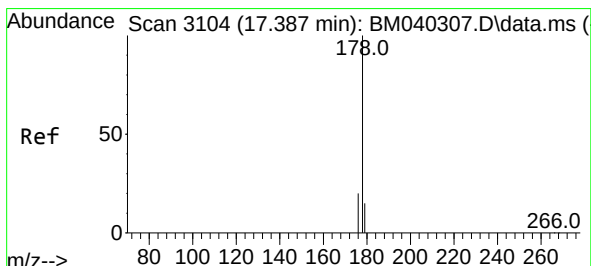
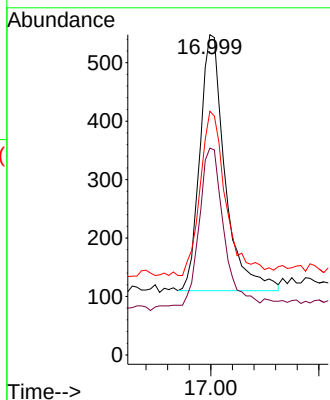
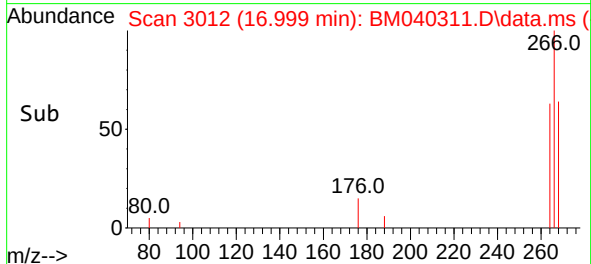
Instrument :
 BNA_M
 ClientSampleId :
 DCFJ2



Tgt Ion:266 Resp: 708
 Ion Ratio Lower Upper
 266 100
 264 66.2 49.4 74.0
 268 65.5 51.3 76.9

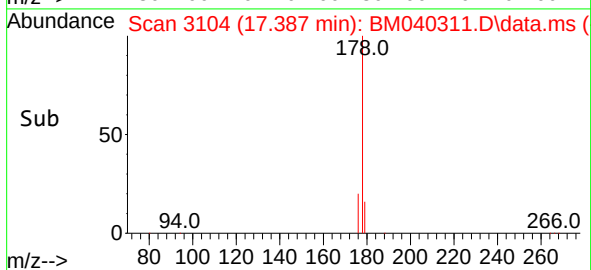
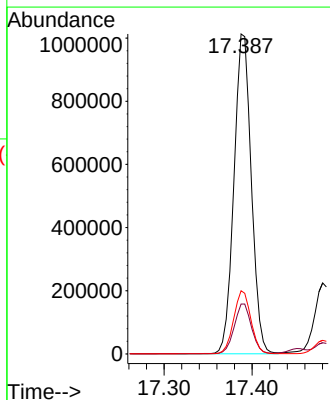
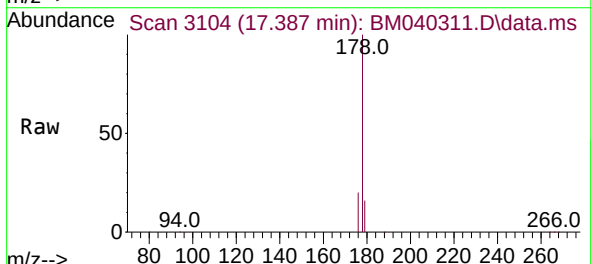
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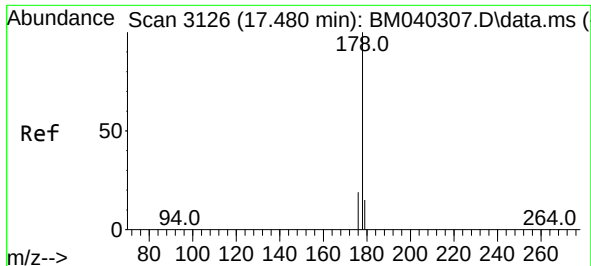
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#15
 Phenanthrene
 Concen: 12.821 ng/ul
 RT: 17.387 min Scan# 3104
 Delta R.T. -0.008 min
 Lab File: BM040311.D
 Acq: 19 Jun 2023 13:01

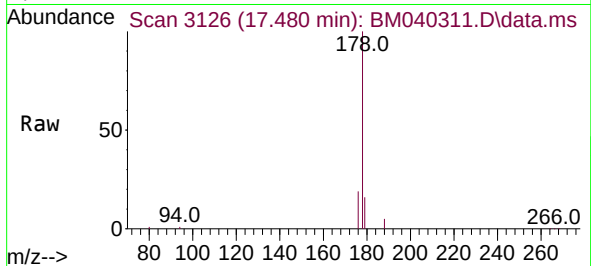
Tgt Ion:178 Resp: 1385159
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 19.8 16.1 24.1





#16
 Anthracene
 Concen: 3.353 ng/ul
 RT: 17.480 min Scan# 3126
 Delta R.T. -0.008 min
 Lab File: BM040311.D
 Acq: 19 Jun 2023 13:01

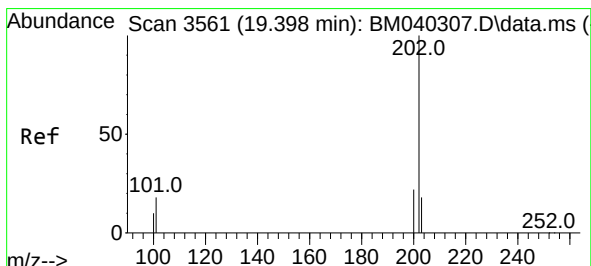
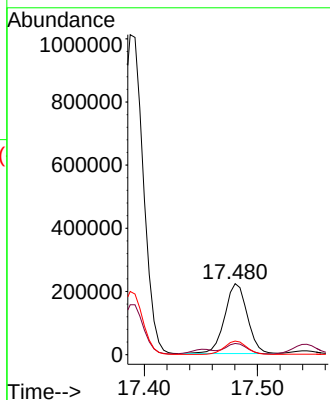
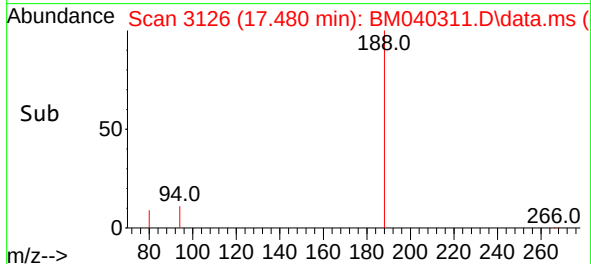
Instrument :
 BNA_M
 ClientSampleId :
 DCFJ2



Tgt Ion:178 Resp: 306869
 Ion Ratio Lower Upper
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 179 15.8 13.0 19.4
 176 19.2 15.5 23.3

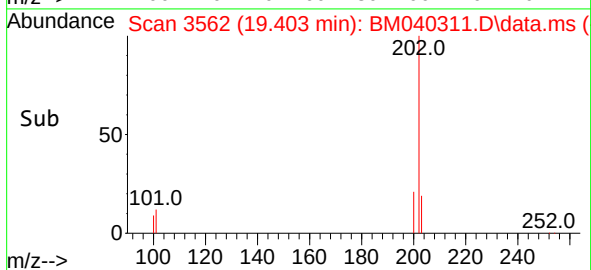
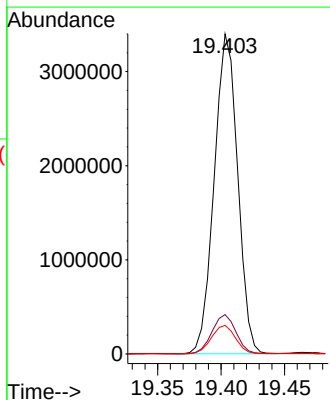
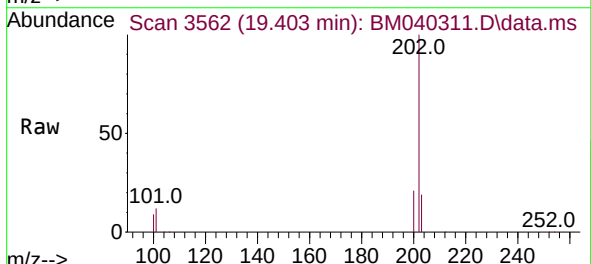
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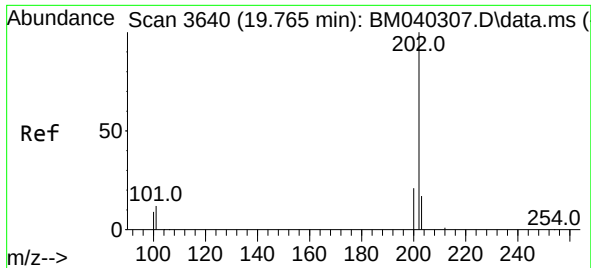
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#19
 Fluoranthene
 Concen: 58.351 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.004 min
 Lab File: BM040311.D
 Acq: 19 Jun 2023 13:01

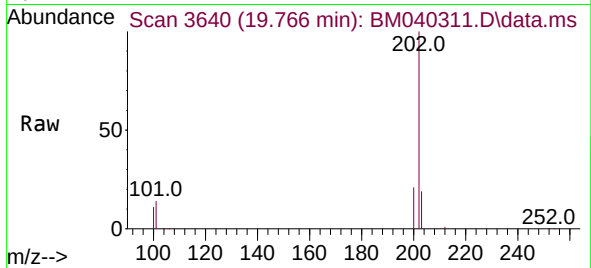
Tgt Ion:202 Resp: 4363507
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.2 15.4
 100 8.9 7.6 11.4





#20
Pyrene
Concen: 47.717 ng/ul
RT: 19.766 min Scan# 3073
Delta R.T. -0.004 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

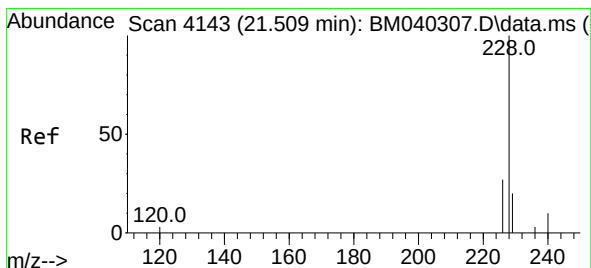
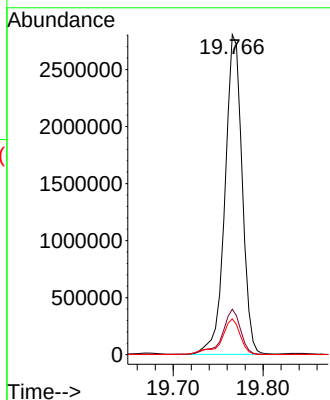
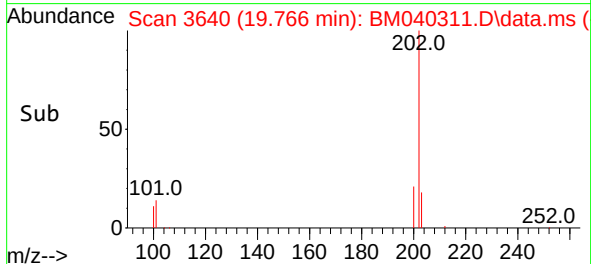
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:202 Resp: 3707378
Ion Ratio Lower Upper
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101 14.2 11.8 17.8
100 11.2 9.3 13.9

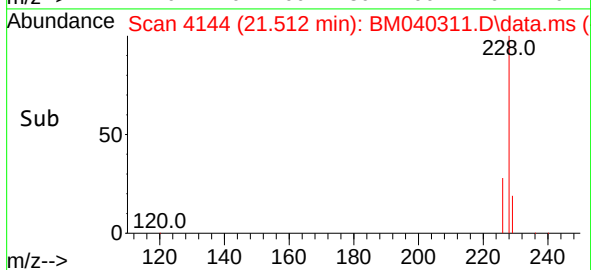
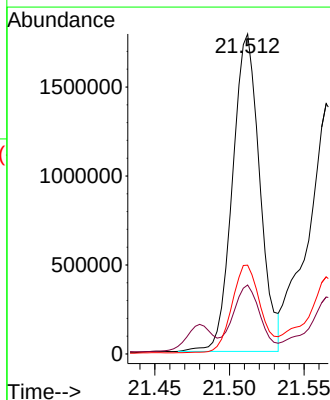
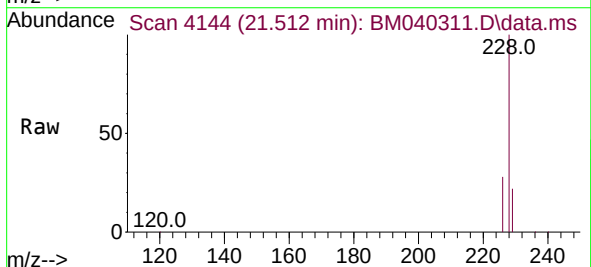
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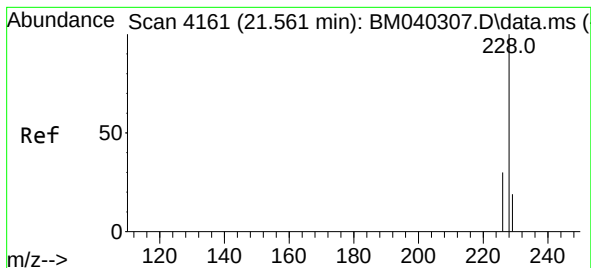
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#21
Benzo(a)anthracene
Concen: 34.994 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

Tgt Ion:228 Resp: 2267565
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 27.8 22.0 33.0





#22

Chrysene

Concen: 31.630 ng/ul

RT: 21.565 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040311.D

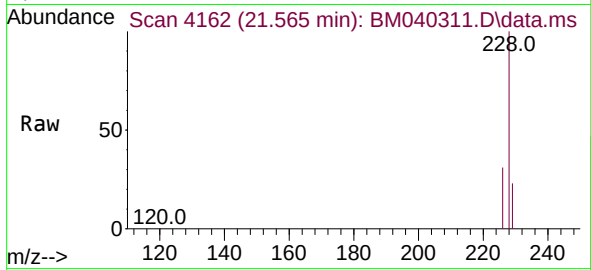
Acq: 19 Jun 2023 13:01

Instrument :

BNA_M

ClientSampleId :

DCFJ2



Tgt Ion:228 Resp: 2165090

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

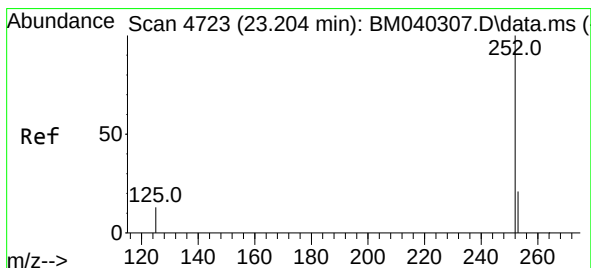
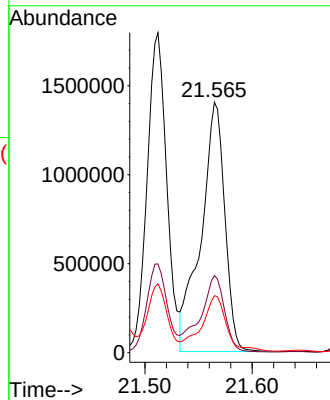
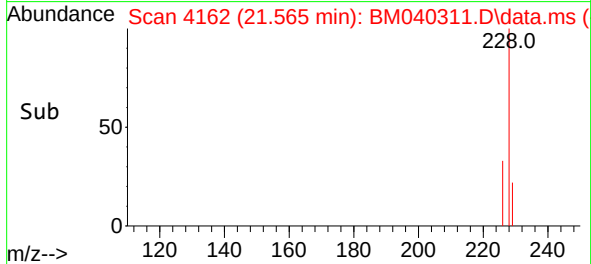
229 22.8 15.7 23.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#24

Benzo(b)fluoranthene

Concen: 31.284 ng/ul

RT: 23.216 min Scan# 4727

Delta R.T. 0.000 min

Lab File: BM040311.D

Acq: 19 Jun 2023 13:01

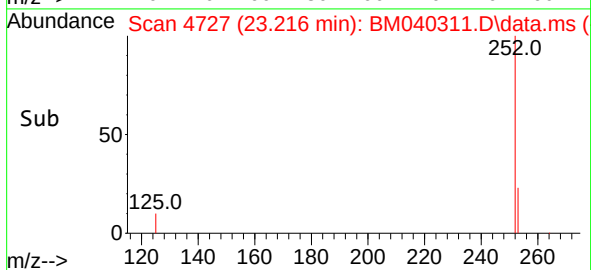
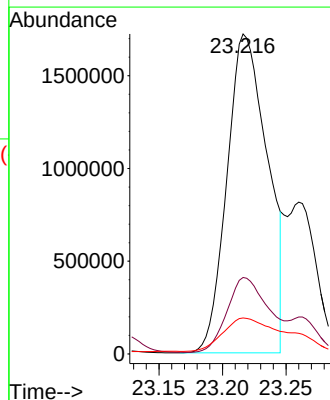
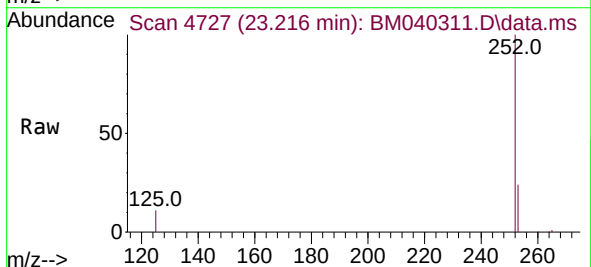
Tgt Ion:252 Resp: 3798243

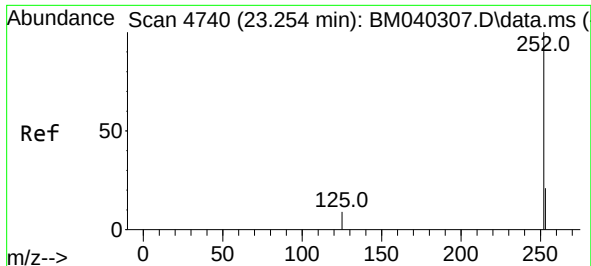
Ion Ratio Lower Upper

252 100

253 23.9 0.0 52.4

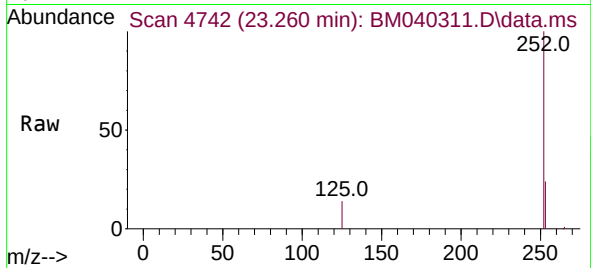
125 11.3 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 11.049 ng/ul m
RT: 23.260 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

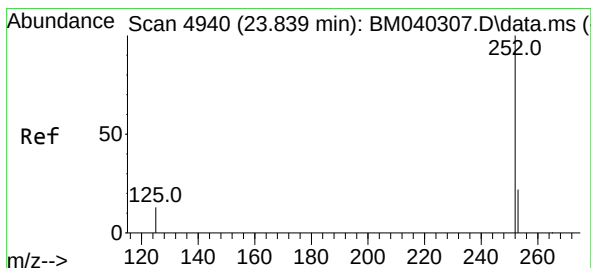
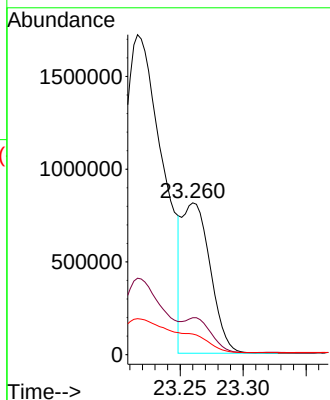
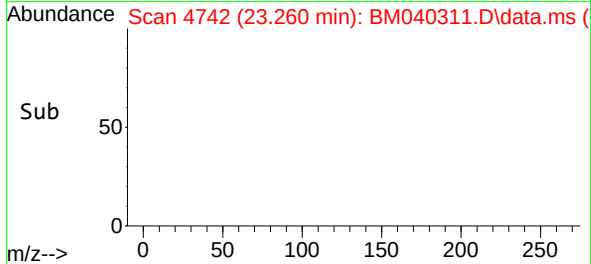
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:252 Resp: 126326
Ion Ratio Lower Upper
252 100
253 24.4 21.5 32.3
125 13.6 14.7 22.1

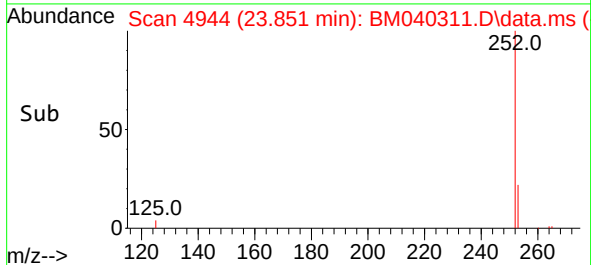
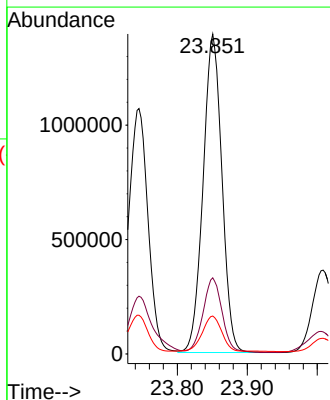
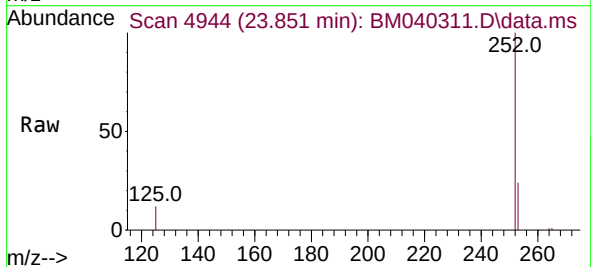
Manual Integrations
APPROVED

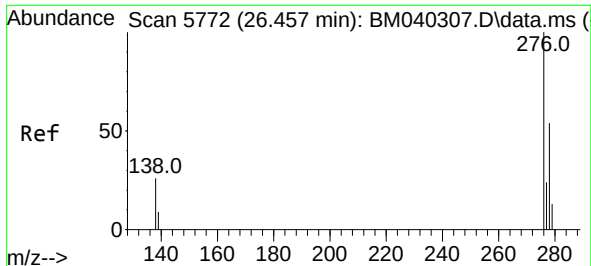
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#26
Benzo(a)pyrene
Concen: 26.101 ng/ul
RT: 23.851 min Scan# 4944
Delta R.T. 0.000 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

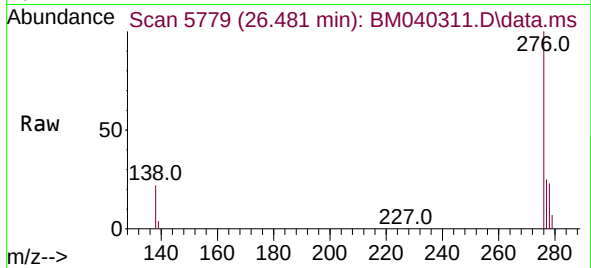
Tgt Ion:252 Resp: 2600348
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 11.9 19.7 29.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 18.101 ng/ul
RT: 26.481 min Scan# 5779
Delta R.T. 0.004 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

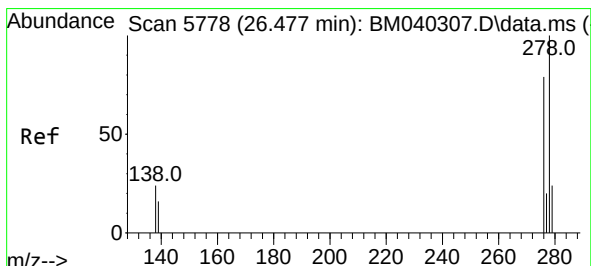
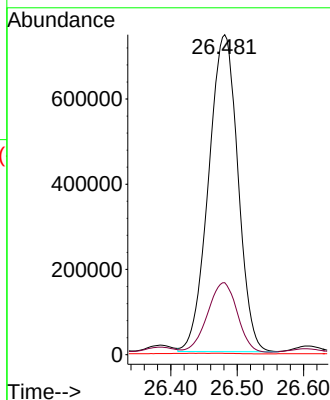
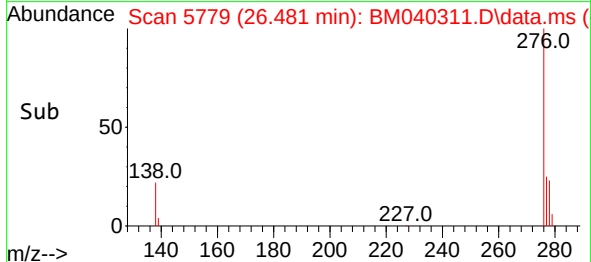
Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:276 Resp: 228274
Ion Ratio Lower Upper
276 100
138 22.2 23.3 34.9
227 0.4 0.1 0.1

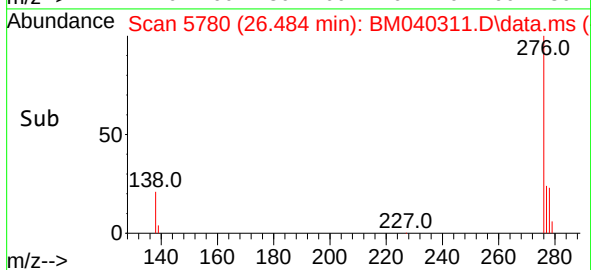
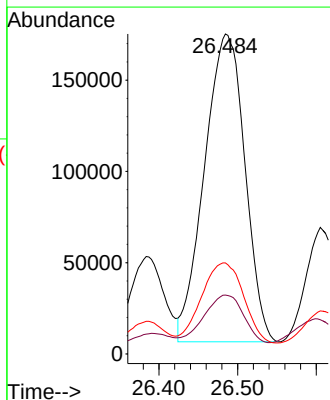
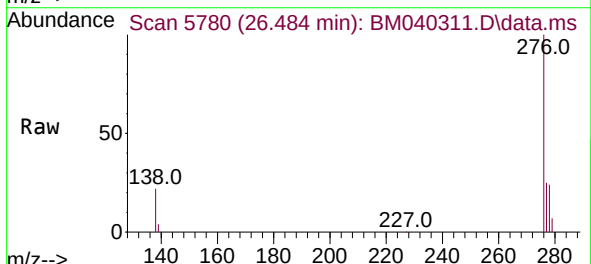
Manual Integrations
APPROVED

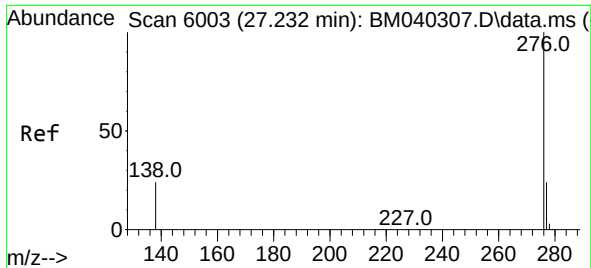
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#28
Dibenzo(a,h)anthracene
Concen: 5.953 ng/ul
RT: 26.484 min Scan# 5780
Delta R.T. -0.013 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

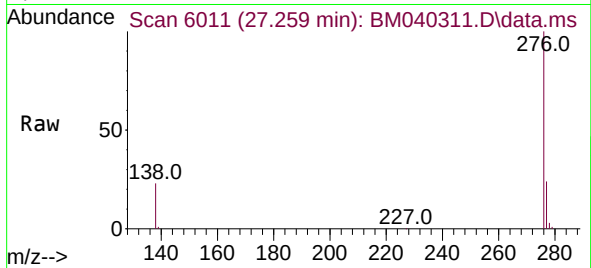
Tgt Ion:278 Resp: 602682
Ion Ratio Lower Upper
278 100
139 18.4 16.4 24.6
279 28.5 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 20.669 ng/ul
RT: 27.259 min Scan# 6011
Delta R.T. 0.004 min
Lab File: BM040311.D
Acq: 19 Jun 2023 13:01

Instrument :
BNA_M
ClientSampleId :
DCFJ2



Tgt Ion:276 Resp: 217705
Ion Ratio Lower Upper
276 100
138 23.2 21.0 31.4
277 24.3 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

