

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040314.D
 Acq On : 19 Jun 2023 14:52
 Operator : MA/JU
 Sample : 03080-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ6

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 00:13:16 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	8723	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	32781	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	18691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	35410	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.529	240	15806	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	19380	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	36807	3.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	11493	0.276	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	18741	0.475	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.827	128	63249	0.814	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	30873	0.640	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	23674	0.468	ng/ul	99
10) Acenaphthylene	14.327	152	82915	1.268	ng/ul	99
11) Acenaphthene	14.670	153	38444	0.686	ng/ul	100
12) Fluorene	15.655	166	28461	0.456	ng/ul	99
14) Pentachlorophenol	17.003	266	549	0.076	ng/ul	94
15) Phenanthrene	17.391	178	785484	8.437	ng/ul	99
16) Anthracene	17.484	178	169488	2.149	ng/ul	99
19) Fluoranthene	19.407	202	2013031	37.388	ng/ul	98
20) Pyrene	19.770	202	1541438	27.555	ng/ul	98
21) Benzo(a)anthracene	21.515	228	899183	19.273	ng/ul	98
22) Chrysene	21.567	228	934301	18.958	ng/ul	97
24) Benzo(b)fluoranthene	23.222	252	1910188	26.737	ng/ul	90
25) Benzo(k)fluoranthene	23.265	252	627290m	9.324	ng/ul	
26) Benzo(a)pyrene	23.856	252	1334593	22.765	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.487	276	1302217	17.548	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.494	278	334206	5.610	ng/ul	97
29) Benzo(g,h,i)perylene	27.272	276	1307986	21.103	ng/ul	96

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

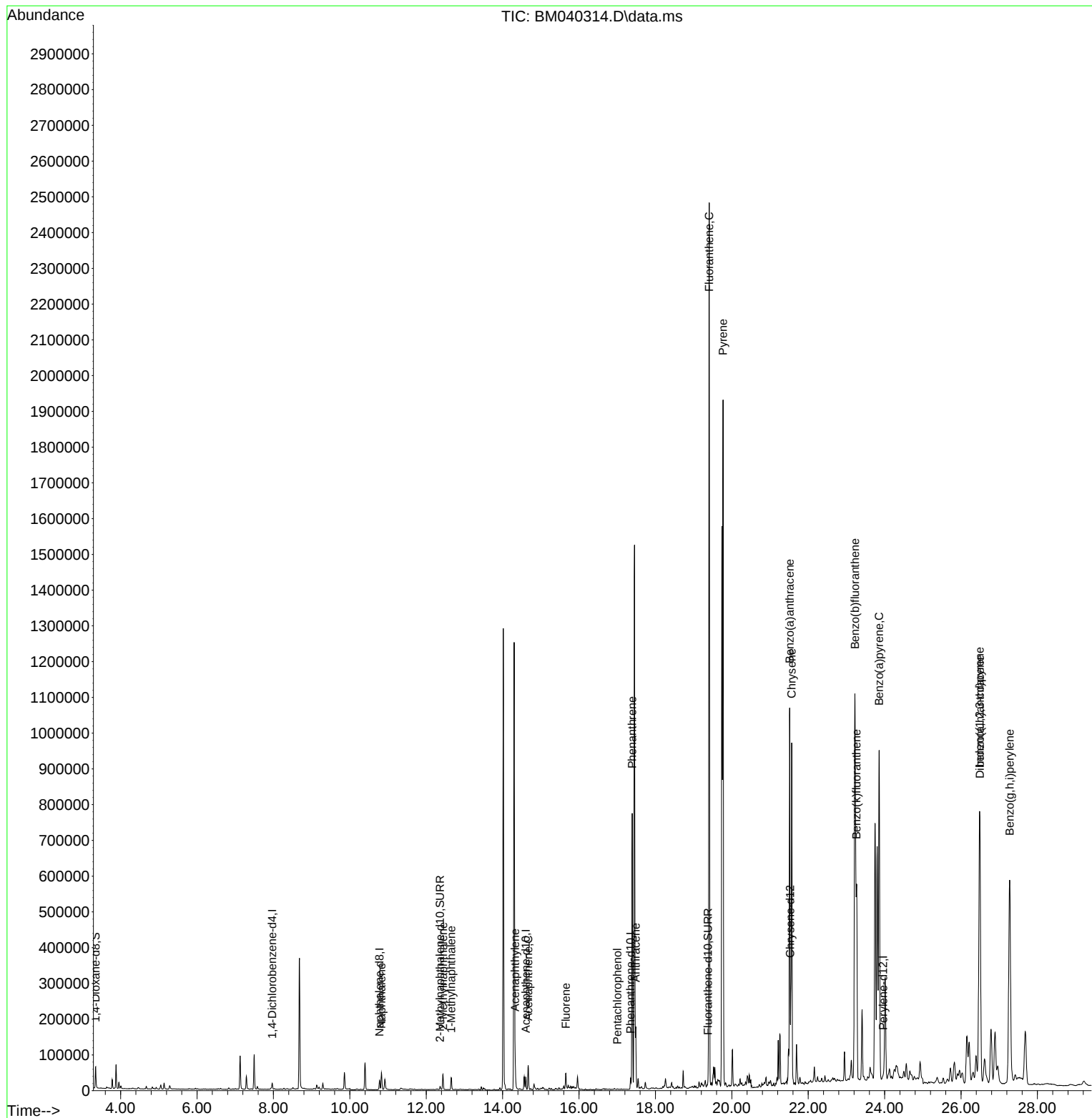
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040314.D
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ALS Vial : 9 Sample Multiplier: 1

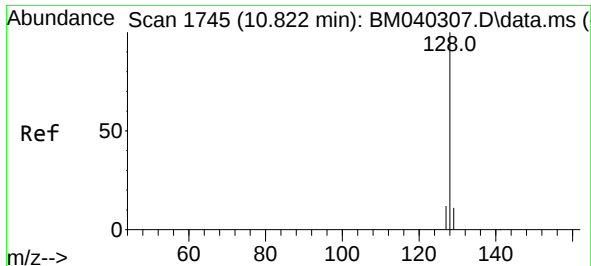
Instrument :
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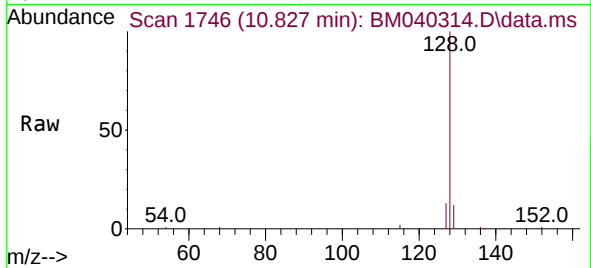
Quant Time: Jun 20 00:13:16 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.814 ng/ul
RT: 10.827 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

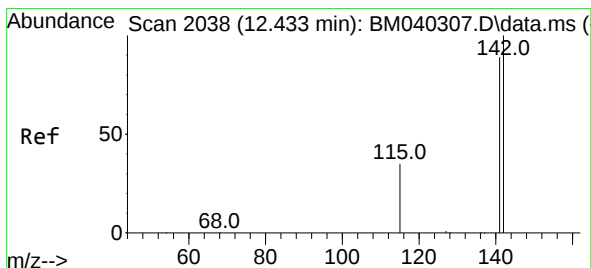
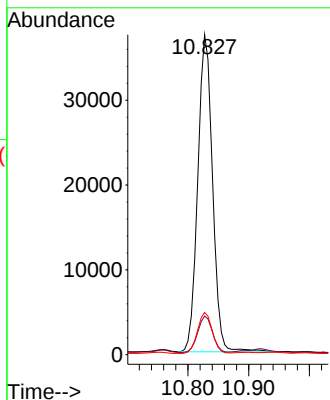
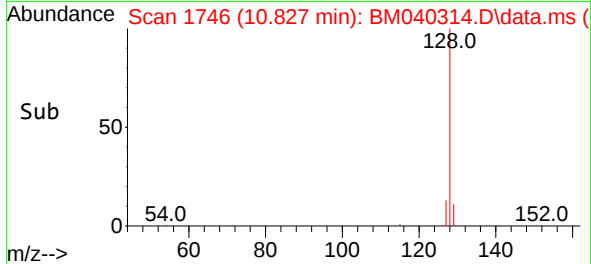
Instrument :
BNA_M
ClientSampleId :
DCFJ6



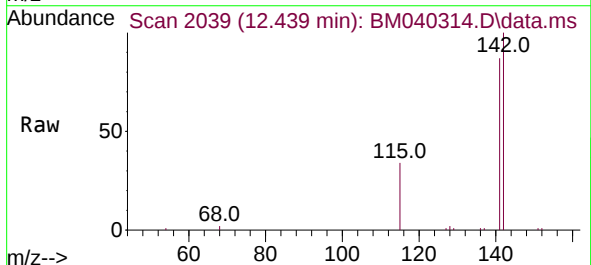
Tgt Ion:128 Resp: 63249
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.2 10.4 15.6

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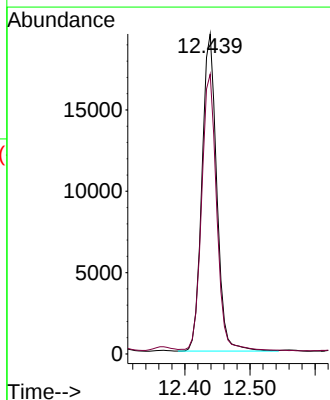
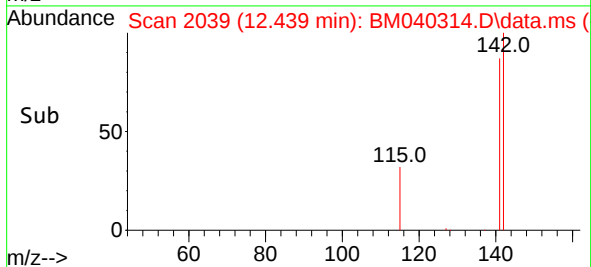
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

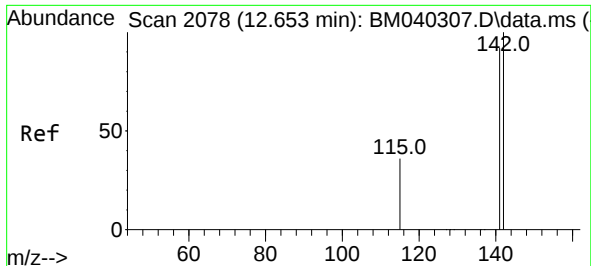


#7
2-Methylnaphthalene
Concen: 0.640 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52



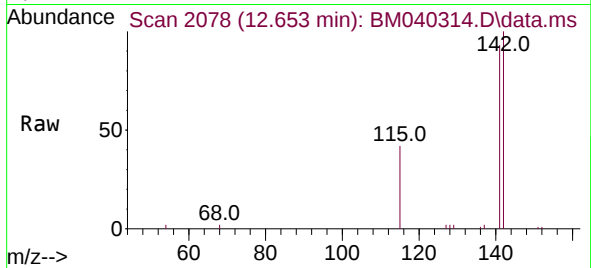
Tgt Ion:142 Resp: 30873
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.468 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

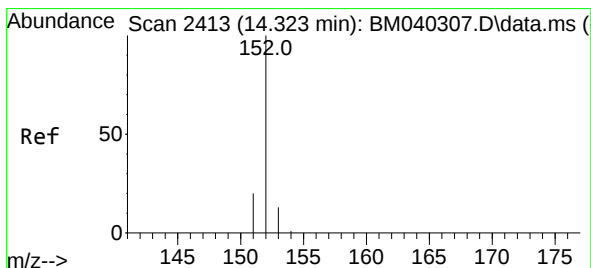
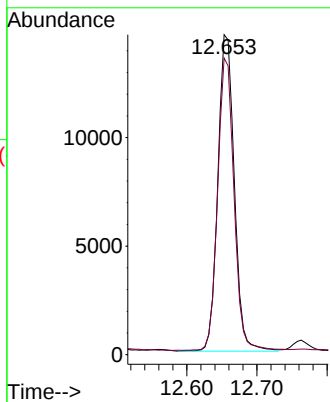
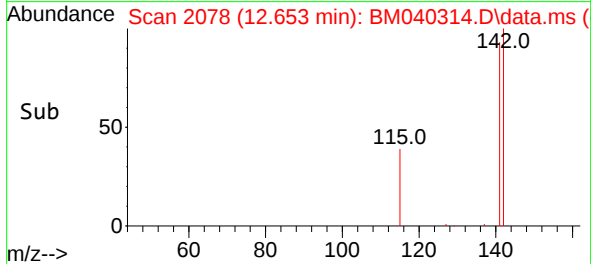
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 23674
Ion Ratio Lower Upper
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141 91.8 73.0 109.4

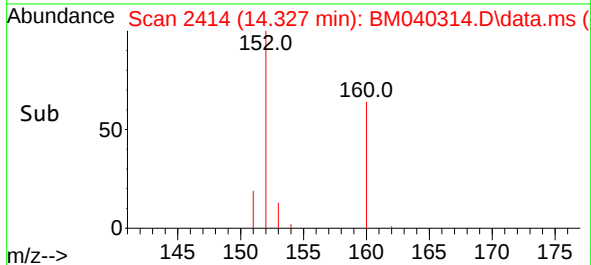
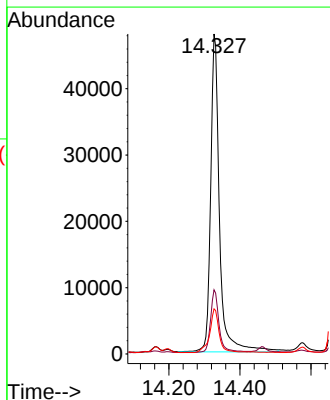
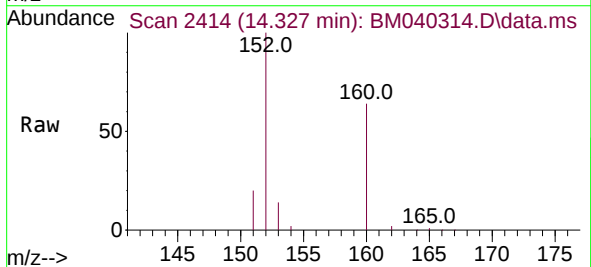
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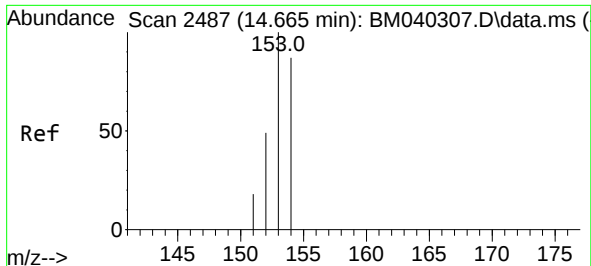
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#10
Acenaphthylene
Concen: 1.268 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

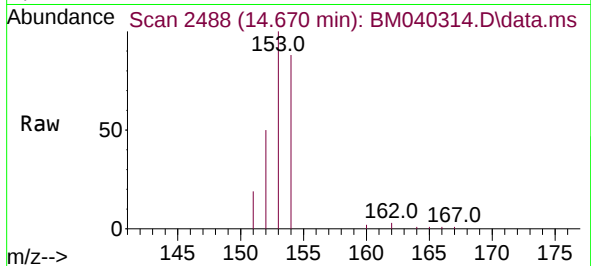
Tgt Ion:152 Resp: 82915
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 14.1 10.7 16.1





#11
Acenaphthene
Concen: 0.686 ng/ul
RT: 14.670 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

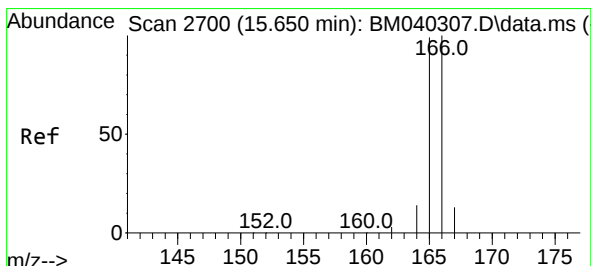
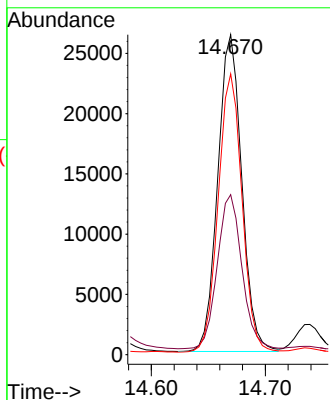
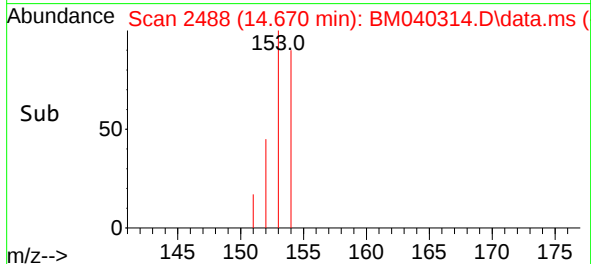
Instrument :
BNA_M
ClientSampleId :
DCFJ6



Tgt Ion:153 Resp: 3844
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 87.7 70.5 105.7

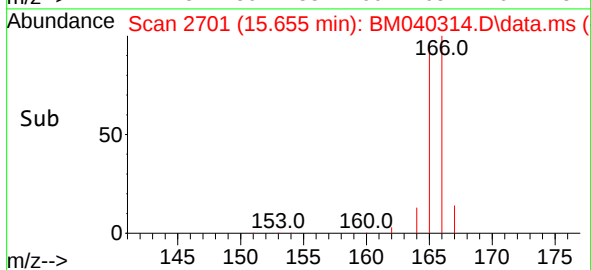
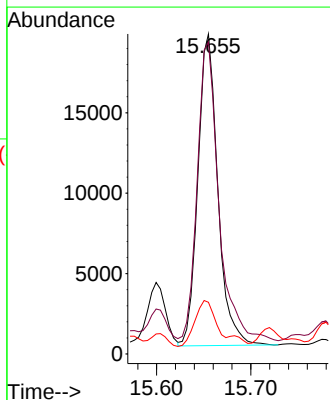
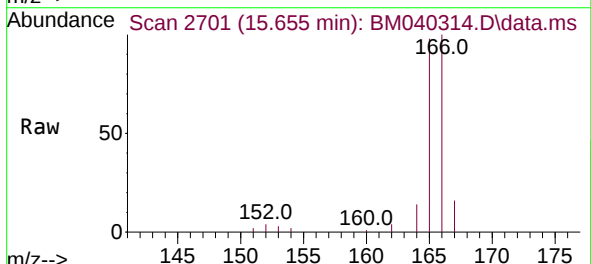
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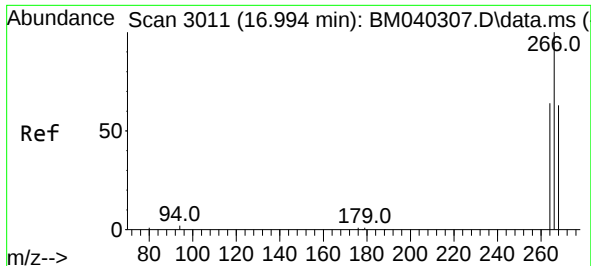
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#12
Fluorene
Concen: 0.456 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

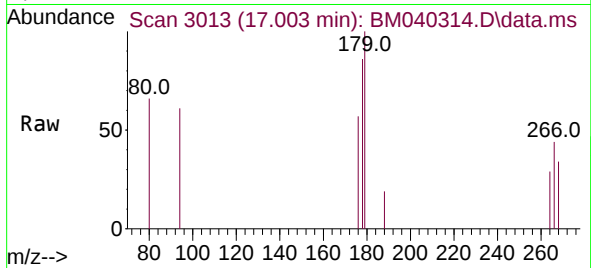
Tgt Ion:166 Resp: 28461
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 16.1 11.0 16.4





#14
 Pentachlorophenol
 Concen: 0.076 ng/ul
 RT: 17.003 min Scan# 3011
 Delta R.T. -0.004 min
 Lab File: BM040314.D
 Acq: 19 Jun 2023 14:52

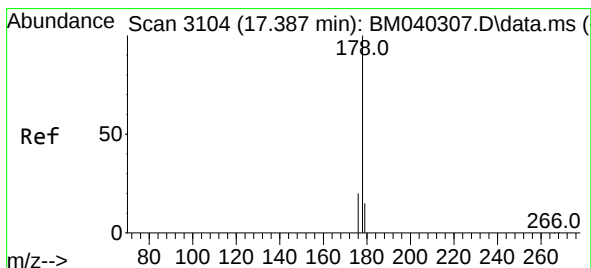
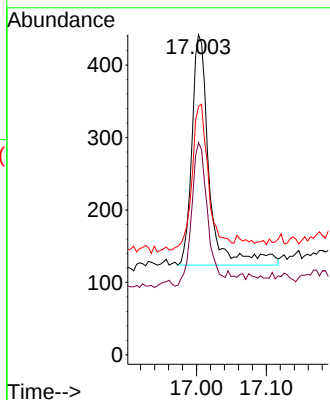
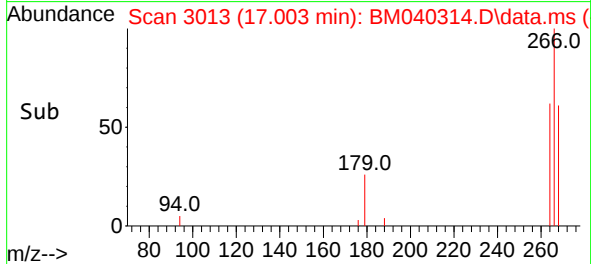
Instrument :
 BNA_M
 ClientSampleId :
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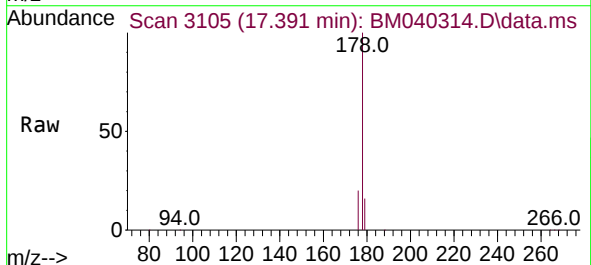
Tgt Ion:266 Resp: 549
 Ion Ratio Lower Upper
 266 100
 264 57.0 49.4 74.0
 268 60.1 51.3 76.9

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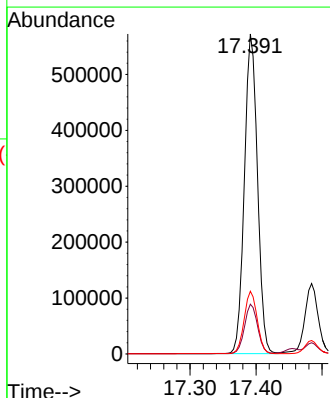
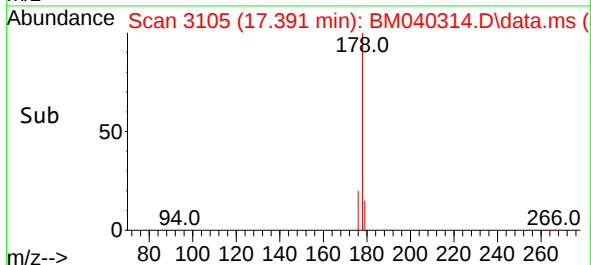
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

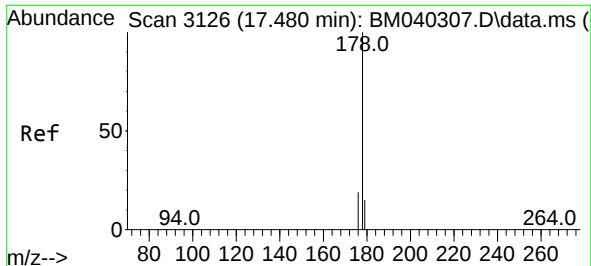


#15
 Phenanthrene
 Concen: 8.437 ng/ul
 RT: 17.391 min Scan# 3105
 Delta R.T. -0.004 min
 Lab File: BM040314.D
 Acq: 19 Jun 2023 14:52



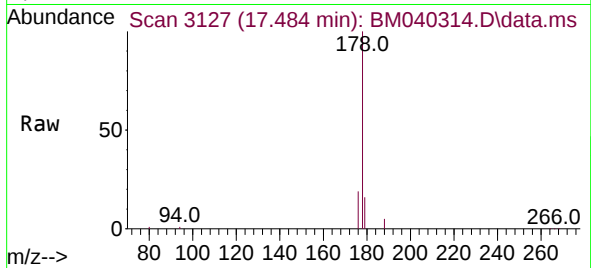
Tgt Ion:178 Resp: 785484
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 19.0
 176 19.6 16.1 24.1





#16
 Anthracene
 Concen: 2.149 ng/ul
 RT: 17.484 min Scan# 3126
 Delta R.T. -0.004 min
 Lab File: BM040314.D
 Acq: 19 Jun 2023 14:52

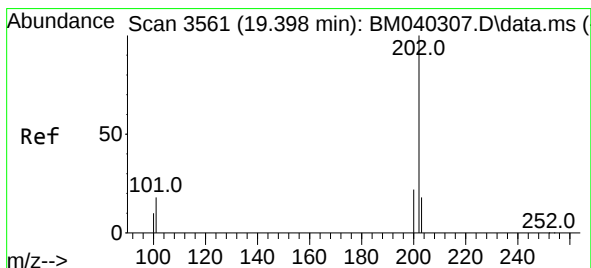
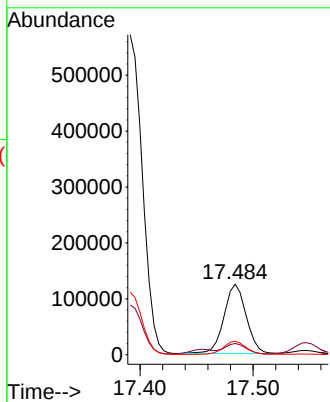
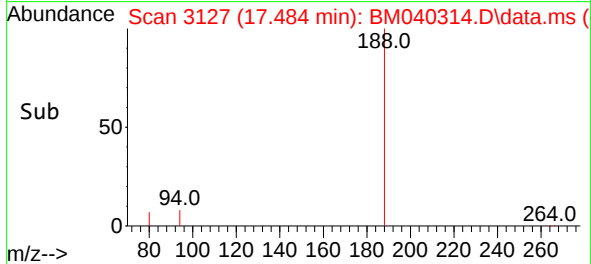
Instrument :
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Tgt Ion:178 Resp: 169488
 Ion Ratio Lower Upper
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 179 15.8 13.0 19.4
 176 19.1 15.5 23.3

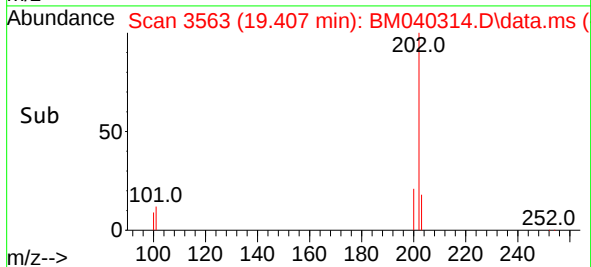
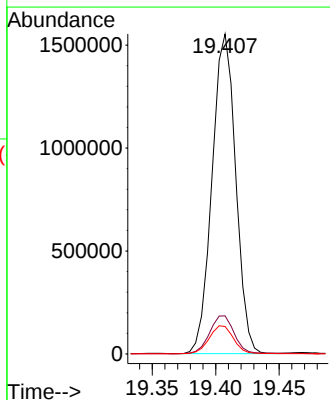
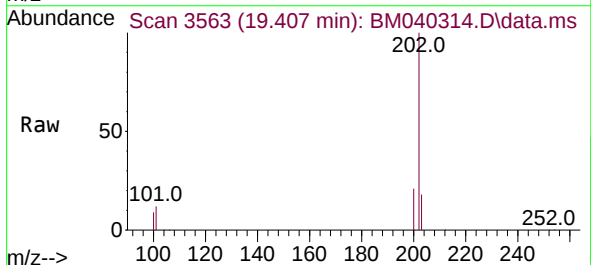
Manual Integrations
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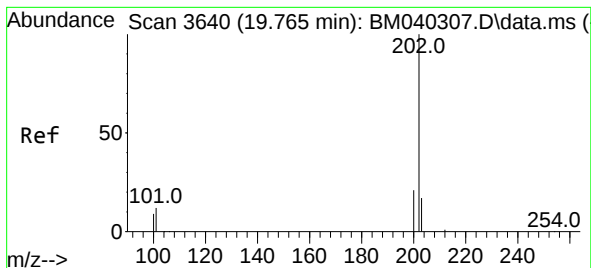
Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023



#19
 Fluoranthene
 Concen: 37.388 ng/ul
 RT: 19.407 min Scan# 3563
 Delta R.T. -0.000 min
 Lab File: BM040314.D
 Acq: 19 Jun 2023 14:52

Tgt Ion:202 Resp: 2013031
 Ion Ratio Lower Upper
 202 100
 101 11.9 10.2 15.4
 100 8.6 7.6 11.4





#20

Pyrene

Concen: 27.555 ng/ul

RT: 19.770 min Scan# 3641

Delta R.T. -0.000 min

Lab File: BM040314.D

Acq: 19 Jun 2023 14:52

Instrument :

BNA_M

ClientSampleId :

DCFJ6

Tgt Ion:202 Resp: 1541438

Ion Ratio Lower Upper

202 100

101 13.8 11.8 17.8

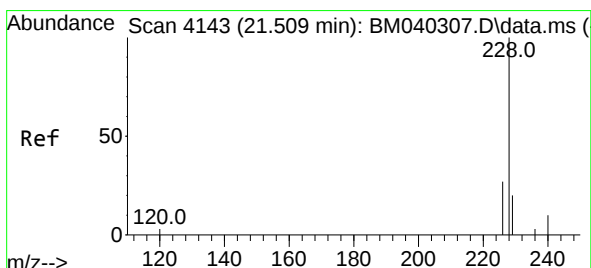
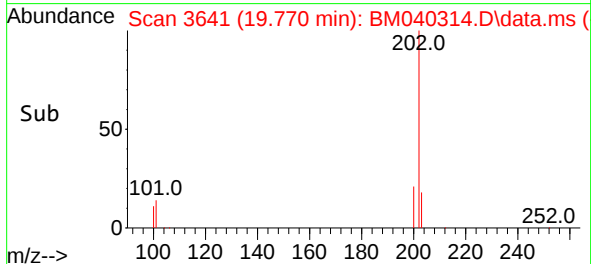
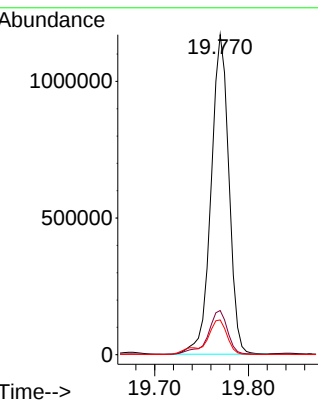
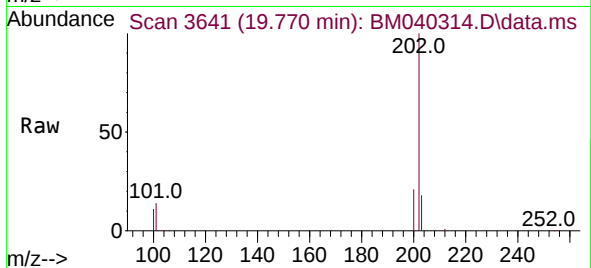
100 10.8 9.3 13.9

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2023



#21

Benzo(a)anthracene

Concen: 19.273 ng/ul

RT: 21.515 min Scan# 4145

Delta R.T. -0.000 min

Lab File: BM040314.D

Acq: 19 Jun 2023 14:52

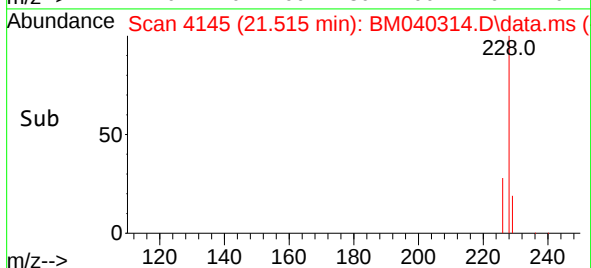
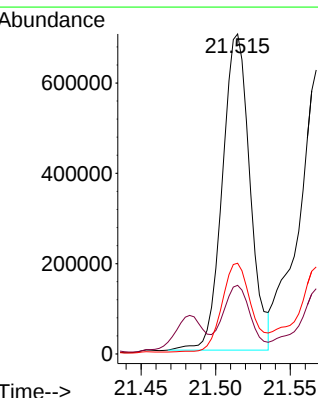
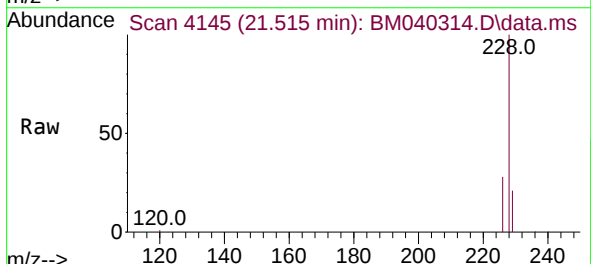
Tgt Ion:228 Resp: 899183

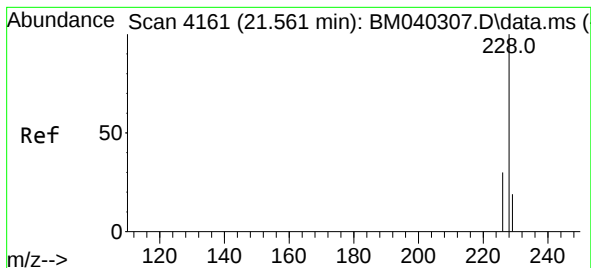
Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.8

226 28.4 22.0 33.0





#22

Chrysene

Concen: 18.958 ng/uI

RT: 21.567 min Scan# 4161

Delta R.T. -0.003 min

Lab File: BM040314.D

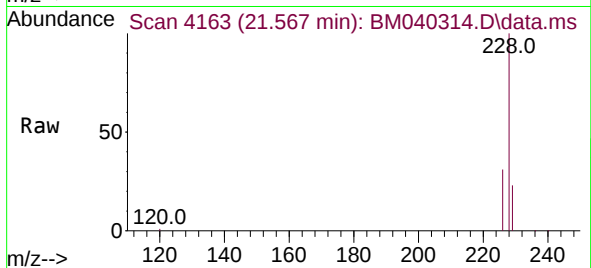
Acq: 19 Jun 2023 14:52

Instrument :

BNA_M

ClientSampleId :

DCFJ6



Tgt Ion:228 Resp: 93430

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

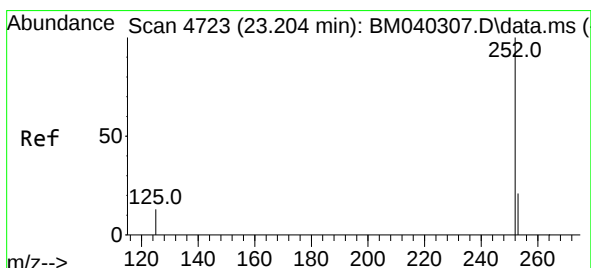
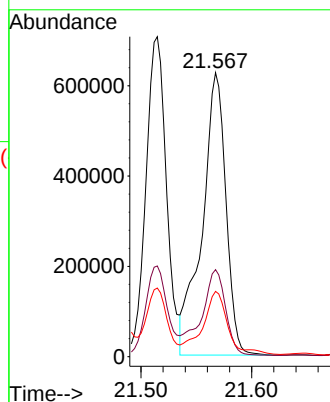
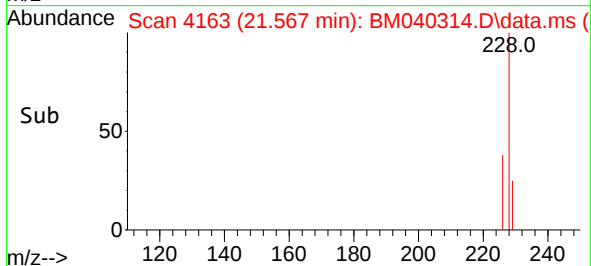
229 23.0 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/21/2023

Supervised By :mohammad ahmed 06/21/2023



#24

Benzo(b)fluoranthene

Concen: 26.737 ng/uI

RT: 23.222 min Scan# 4729

Delta R.T. 0.006 min

Lab File: BM040314.D

Acq: 19 Jun 2023 14:52

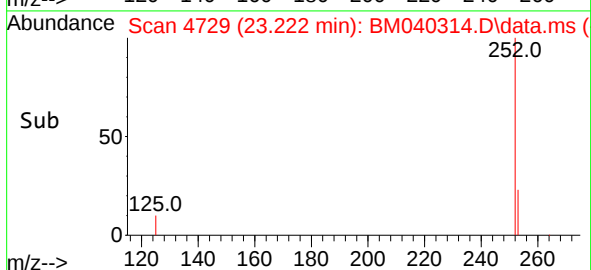
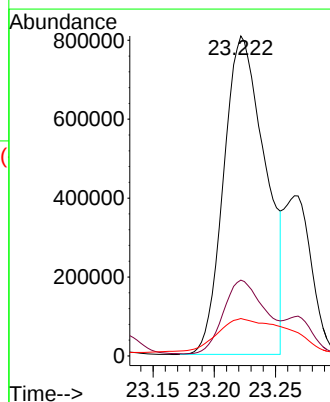
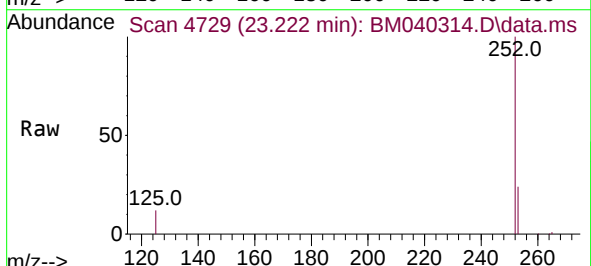
Tgt Ion:252 Resp: 1910188

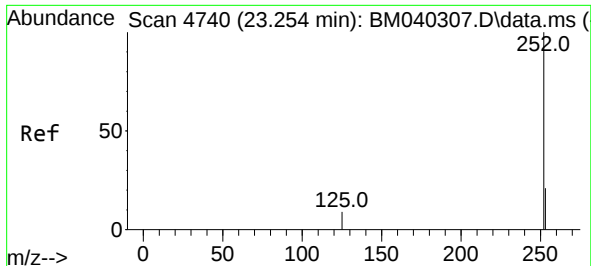
Ion Ratio Lower Upper

252 100

253 23.7 0.0 52.4

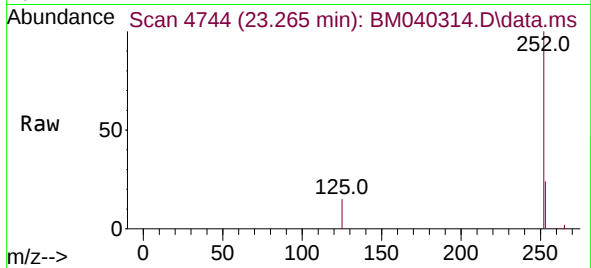
125 11.7 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 9.324 ng/ul m
RT: 23.265 min Scan# 4740
Delta R.T. -0.000 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

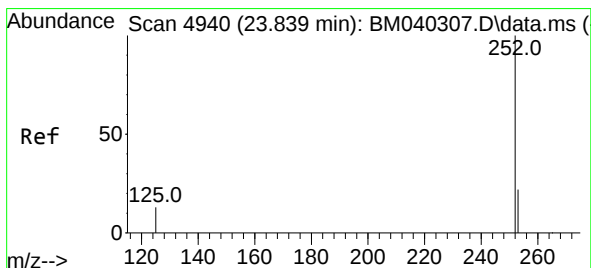
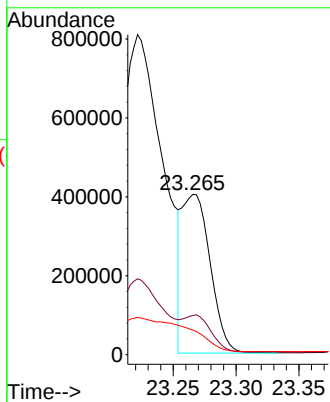
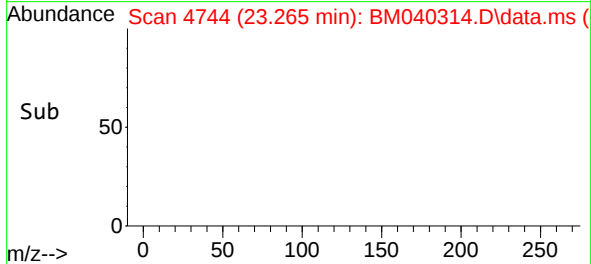
Instrument :
BNA_M
ClientSampleId :
DCFJ6



Tgt Ion:252 Resp: 627290
Ion Ratio Lower Upper
252 100
253 24.4 21.5 32.3
125 15.4 14.7 22.1

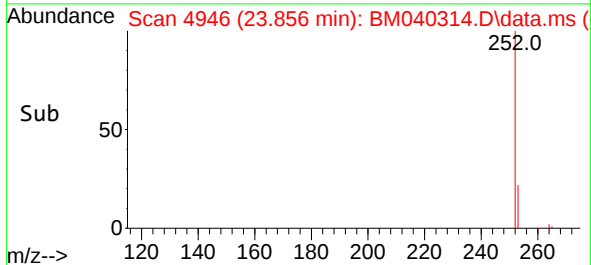
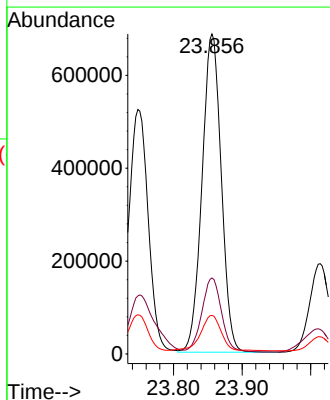
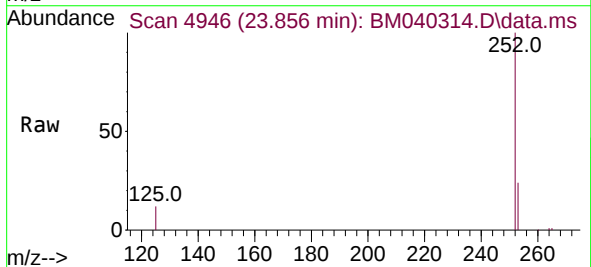
Manual Integrations
APPROVED

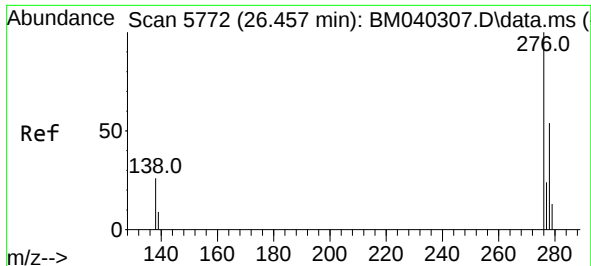
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#26
Benzo(a)pyrene
Concen: 22.765 ng/ul
RT: 23.856 min Scan# 4946
Delta R.T. 0.006 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

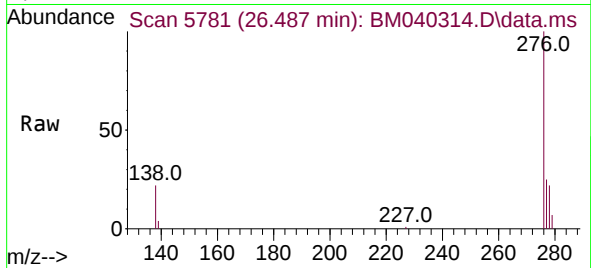
Tgt Ion:252 Resp: 1334593
Ion Ratio Lower Upper
252 100
253 23.7 23.4 35.0
125 12.0 19.7 29.5#





#27
Indeno(1,2,3-cd)pyrene
Concen: 17.548 ng/ul
RT: 26.487 min Scan# 5781
Delta R.T. 0.010 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

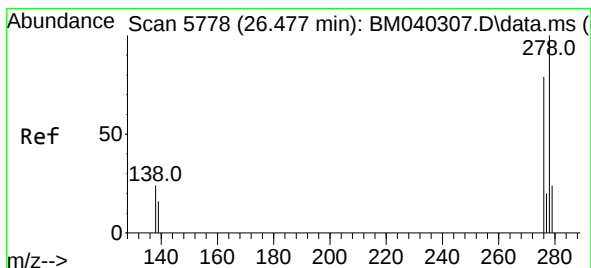
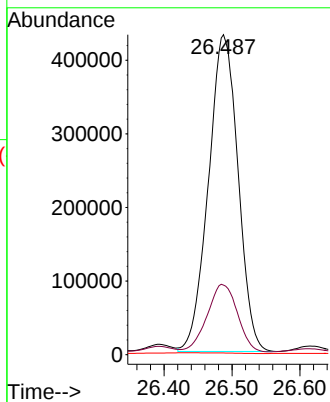
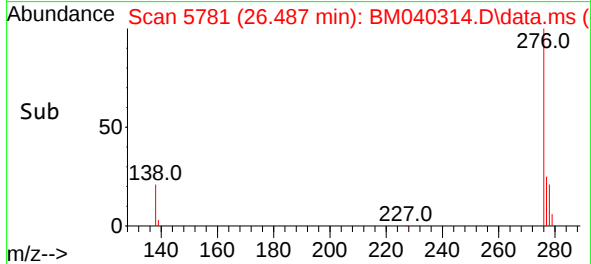
Instrument :
BNA_M
ClientSampleId :
DCFJ6



Tgt Ion:276 Resp: 130221
Ion Ratio Lower Upper
276 100
138 21.8 23.3 34.9
227 0.0 0.1 0.1

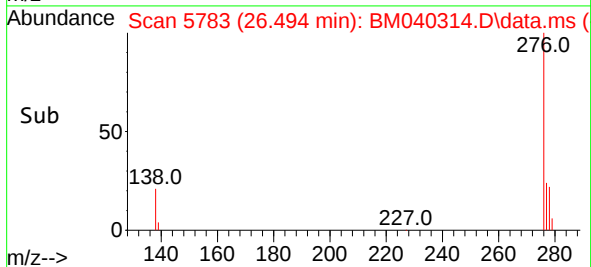
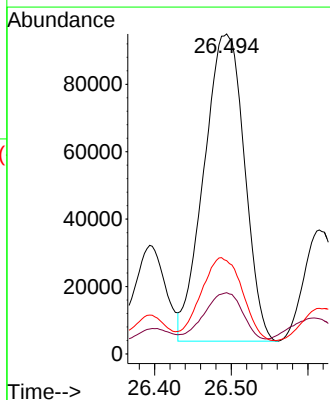
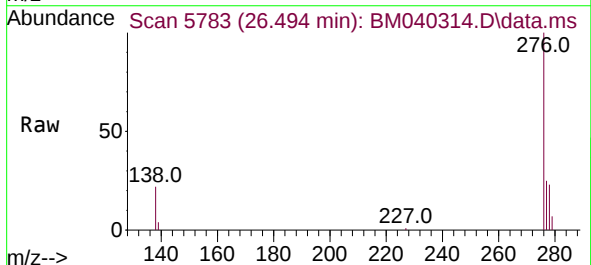
Manual Integrations
APPROVED

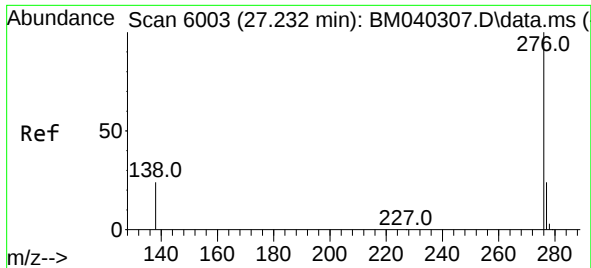
Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023



#28
Dibenzo(a,h)anthracene
Concen: 5.610 ng/ul
RT: 26.494 min Scan# 5783
Delta R.T. -0.003 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

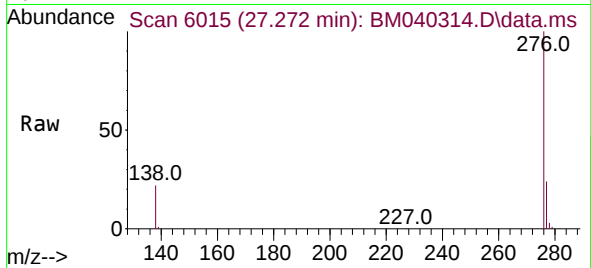
Tgt Ion:278 Resp: 334206
Ion Ratio Lower Upper
278 100
139 19.1 16.4 24.6
279 29.1 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 21.103 ng/ul
RT: 27.272 min Scan# 6015
Delta R.T. 0.017 min
Lab File: BM040314.D
Acq: 19 Jun 2023 14:52

Instrument :
BNA_M
ClientSampleId :
DCFJ6



Tgt Ion:276 Resp: 1307980
Ion Ratio Lower Upper
276 100
138 22.3 21.0 31.4
277 24.5 19.6 29.4

Manual Integrations
APPROVED

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

