

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033824.D
 Acq On : 21 Jan 2022 14:44
 Operator : CG/JU
 Sample : N1199-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F02

Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 01/24/2022
 Supervised By : mohammad ahmed 01/27/2022

Quant Time: Jan 24 10:53:19 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 21 01:34:59 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	13689	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	8316	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	15890	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	8629	0.400	ng/ul	# 0.00
23) Perylene-d12	23.880	264	8070	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15765	4.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	6396	0.344	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	12517	0.468	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1836151	46.296	ng/ul#	87
7) 2-Methylnaphthalene	12.420	142	182325	7.159	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	1237410	49.473	ng/ul	99
10) Acenaphthylene	14.307	152	40304	1.049	ng/ul#	71
11) Acenaphthene	14.648	153	126042	4.111	ng/ul	94
12) Fluorene	15.630	166	150825	4.112	ng/ul	97
14) Pentachlorophenol	16.969	266	21820	3.480	ng/ul	97
15) Phenanthrene	17.361	178	325702	6.330	ng/ul	93
16) Anthracene	17.451	178	37645	0.797	ng/ul	92
19) Fluoranthene	19.368	202	28862	0.713	ng/ul	98
20) Pyrene	19.731	202	23973m	0.585	ng/ul	
21) Benzo(a)anthracene	21.465	228	1429	0.040	ng/ul#	70
22) Chrysene	21.516	228	6245	0.170	ng/ul#	91
24) Benzo(b)fluoranthene	23.148	252	5062m	0.143	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	1773m	0.051	ng/ul	
26) Benzo(a)pyrene	23.776	252	1607	0.052	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.383	276	2253	0.056	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.402	278	721	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	27.149	276	2183	0.063	ng/ul#	69

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

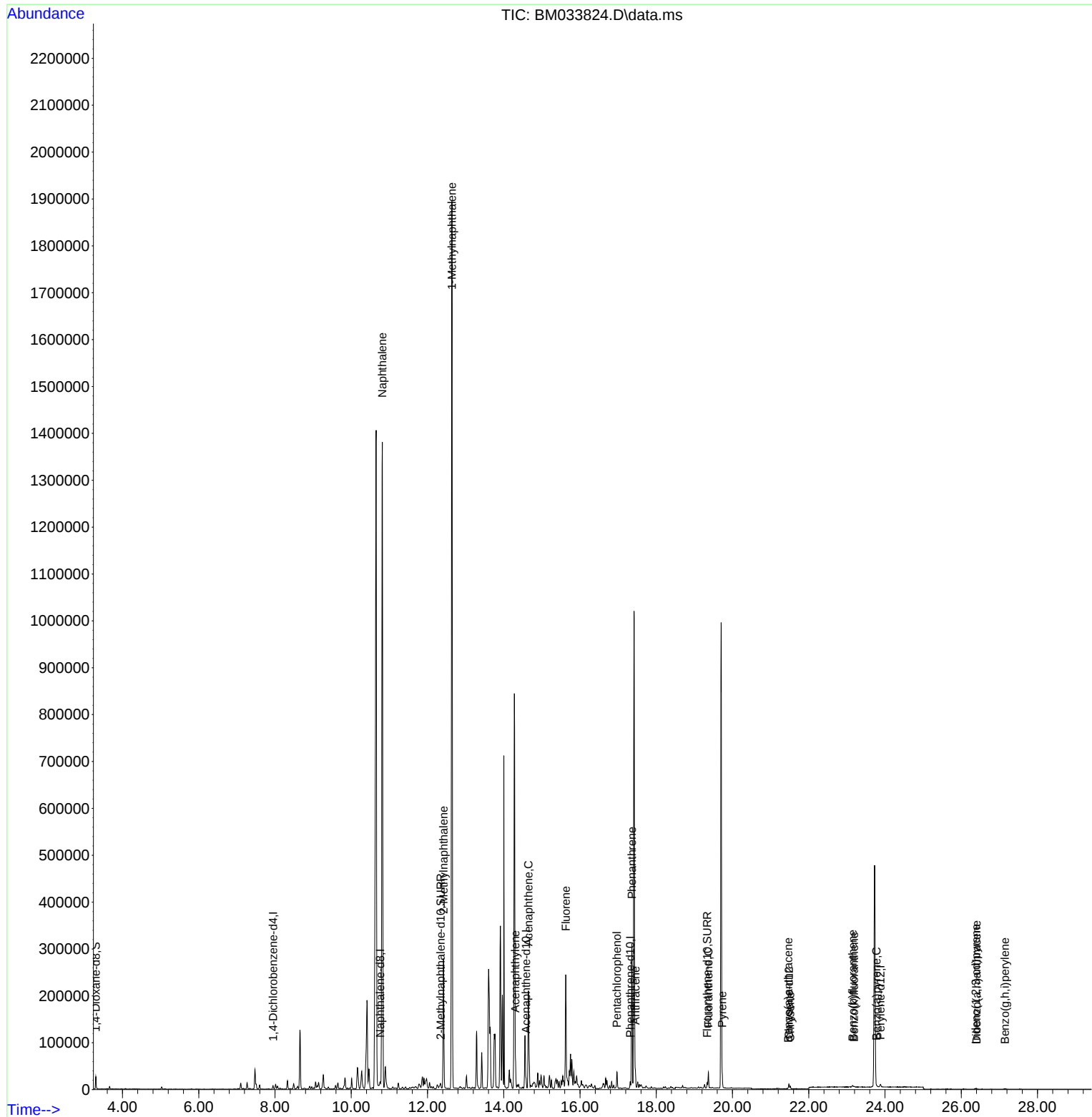
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033824.D
Acq On : 21 Jan 2022 14:44
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ALS Vial : 41 Sample Multiplier: 1

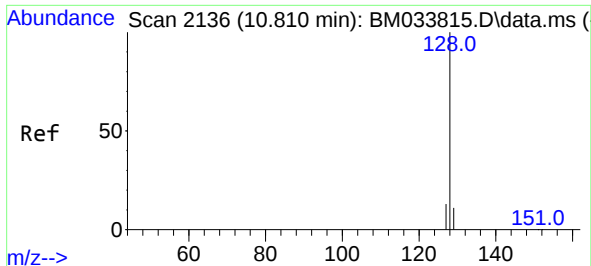
Instrument :
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Supervised By :mohammad ahmed 01/27/2022

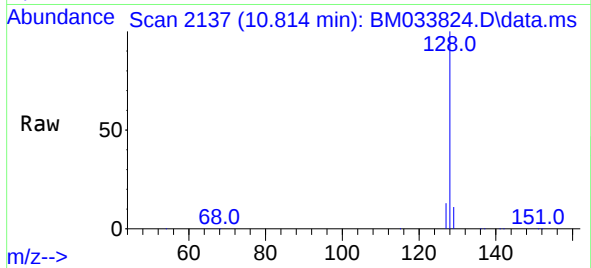
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 46.296 ng/ul
RT: 10.814 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

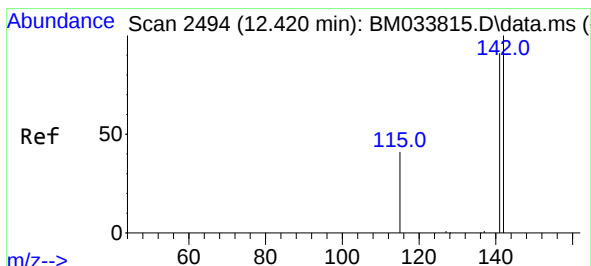
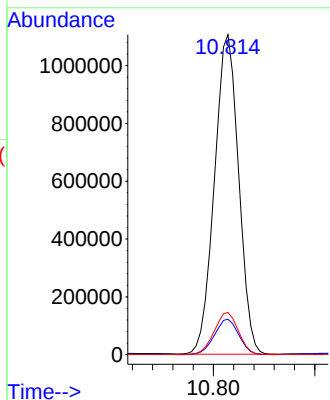
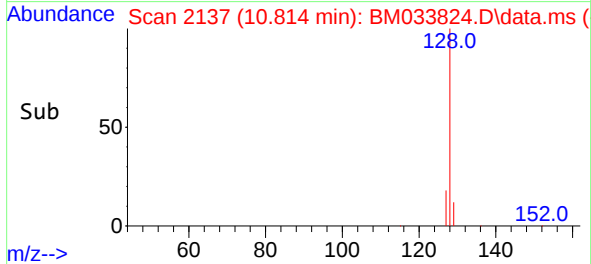
Instrument :
BNA_M
ClientSampleId :
C0F02



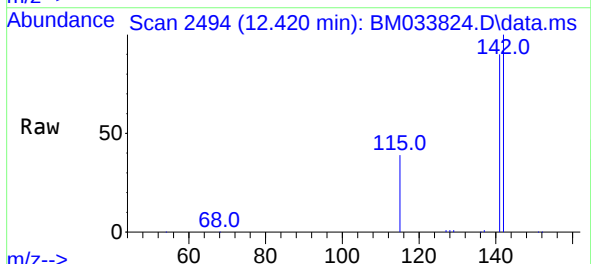
Tgt Ion:128 Resp: 183615
Ion Ratio Lower Upper
128 100
129 11.1 13.4 20.2
127 13.2 15.2 22.8

Manual Integrations
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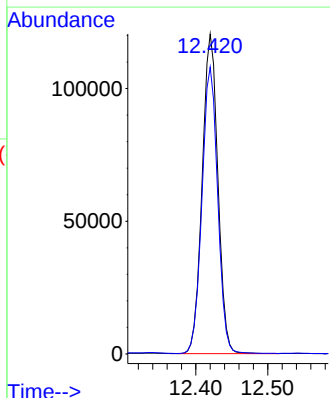
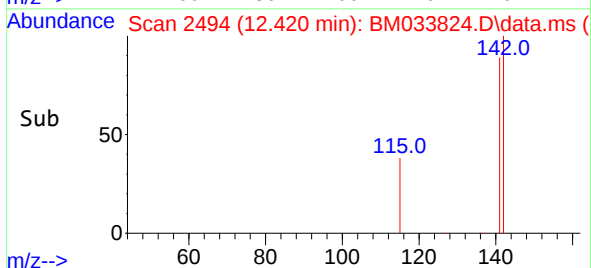
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

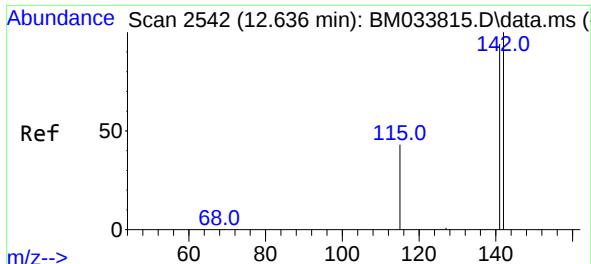


#7
2-Methylnaphthalene
Concen: 7.159 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



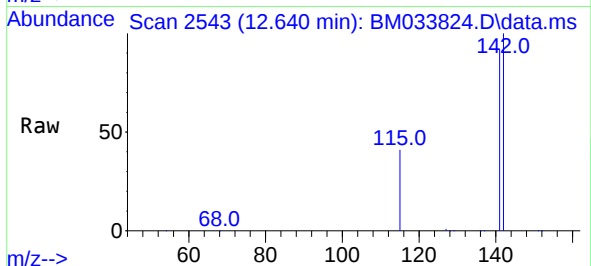
Tgt Ion:142 Resp: 182325
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 49.473 ng/ul
RT: 12.640 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

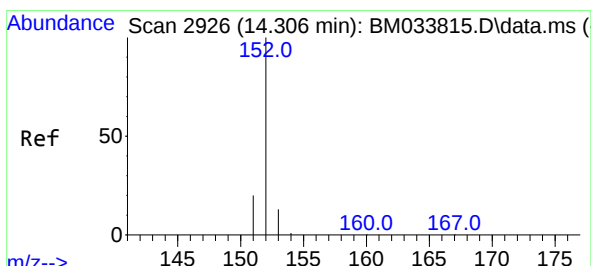
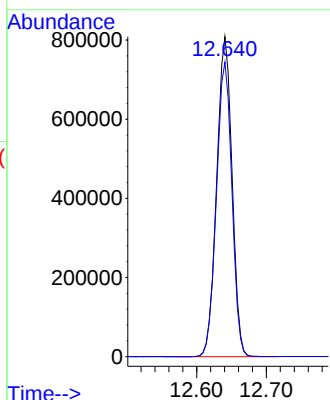
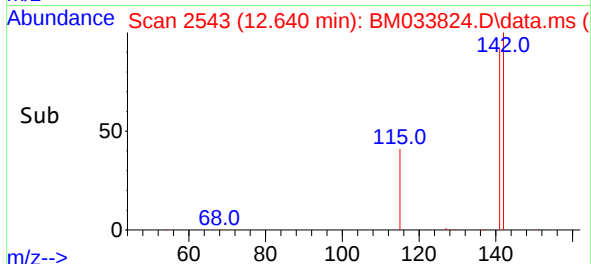
Instrument :
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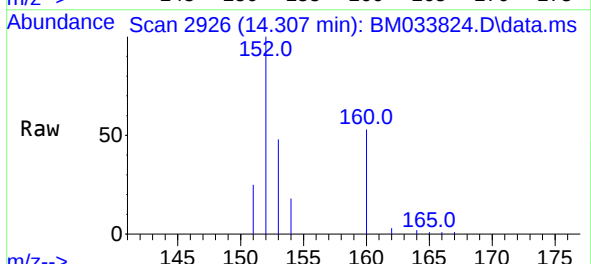
Tgt Ion:142 Resp: 1237410
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

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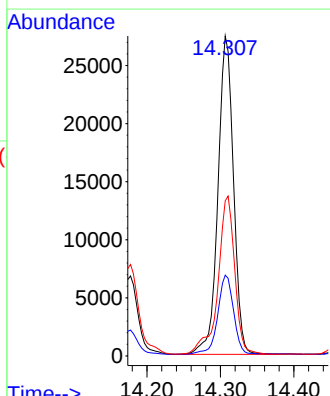
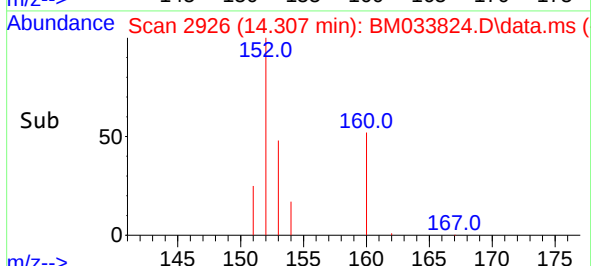
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

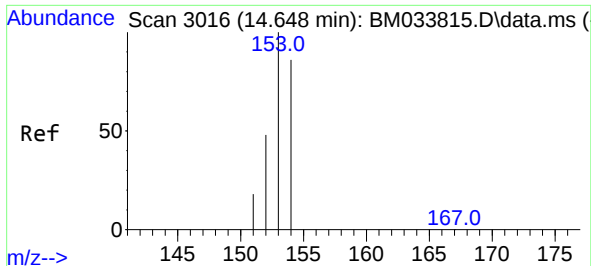


#10
Acenaphthylene
Concen: 1.049 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



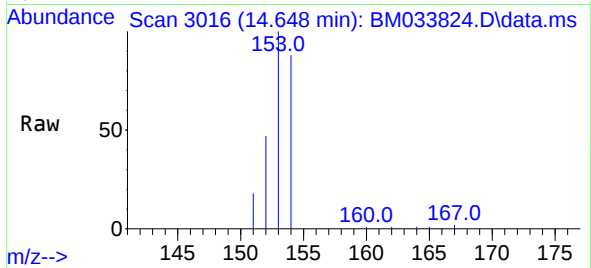
Tgt Ion:152 Resp: 40304
Ion Ratio Lower Upper
152 100
151 25.3 19.9 29.9
153 48.5 15.0 22.4#





#11
Acenaphthene
Concen: 4.111 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

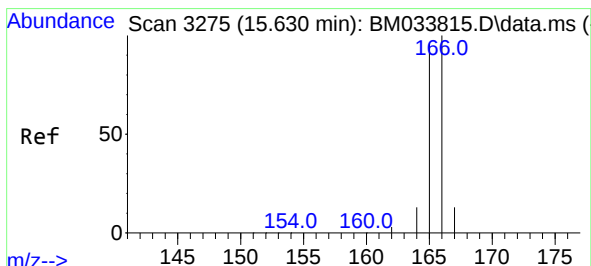
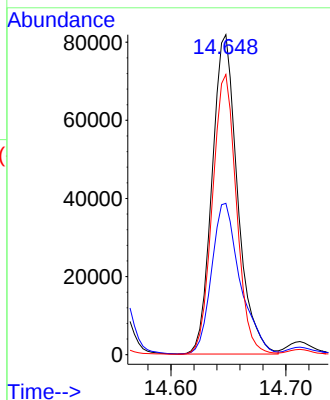
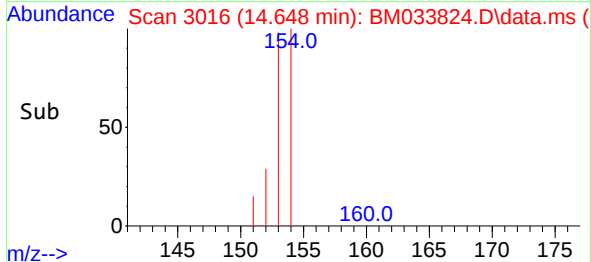
Instrument :
BNA_M
ClientSampleId :
C0F02



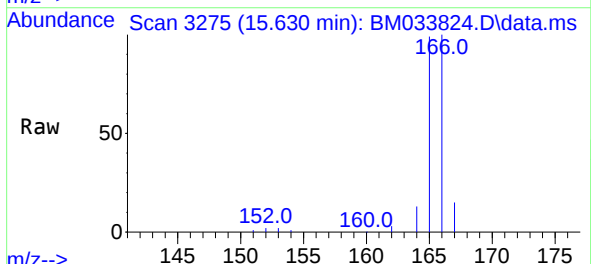
Tgt Ion:153 Resp: 126042
Ion Ratio Lower Upper
153 100
152 47.3 42.4 63.6
154 87.5 66.2 99.2

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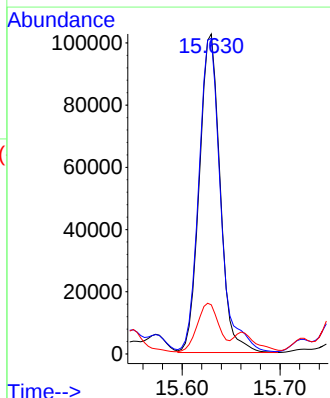
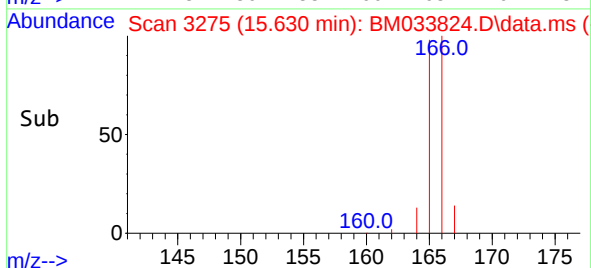
Reviewed By :Jagrut Upadhyay 01/24/2022
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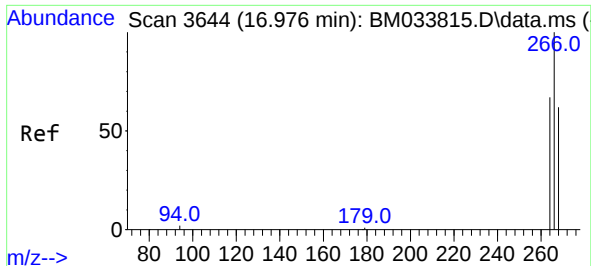


#12
Fluorene
Concen: 4.112 ng/ul
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



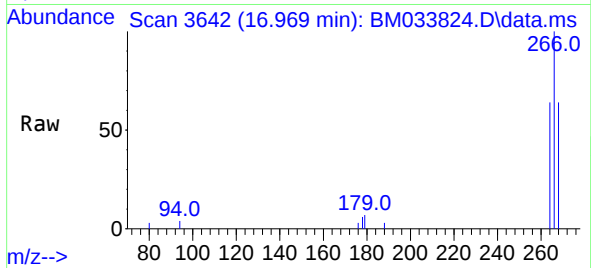
Tgt Ion:166 Resp: 150825
Ion Ratio Lower Upper
166 100
165 98.6 81.1 121.7
167 15.3 14.9 22.3





#14
Pentachlorophenol
Concen: 3.480 ng/u1
RT: 16.969 min Scan# 30
Delta R.T. -0.007 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

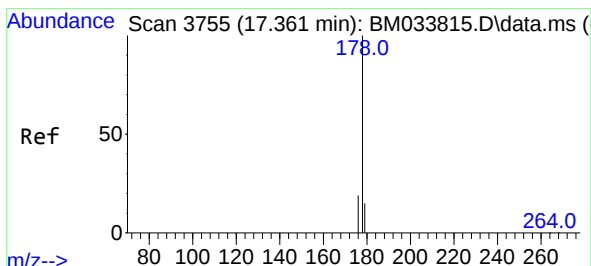
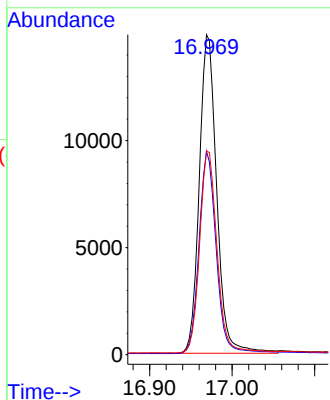
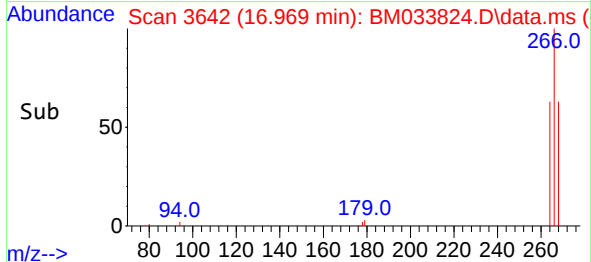
Instrument :
BNA_M
ClientSampleId :
C0F02



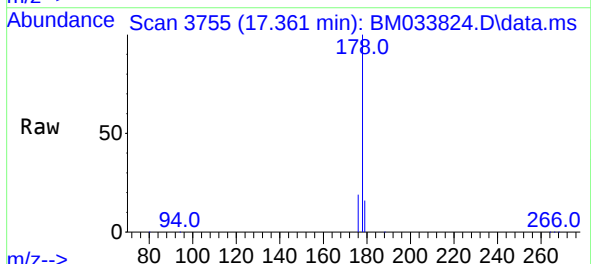
Tgt Ion:266 Resp: 21820
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 63.3 53.1 79.7

Manual Integrations
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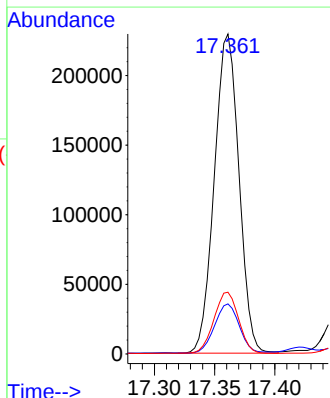
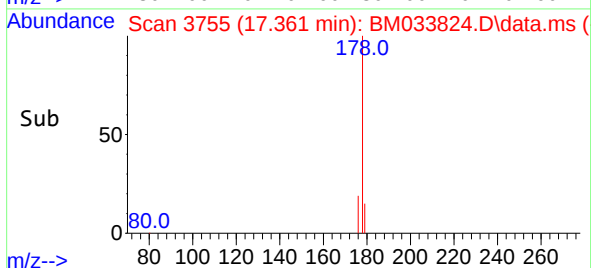
Reviewed By :Jagrut Upadhyay 01/24/2022
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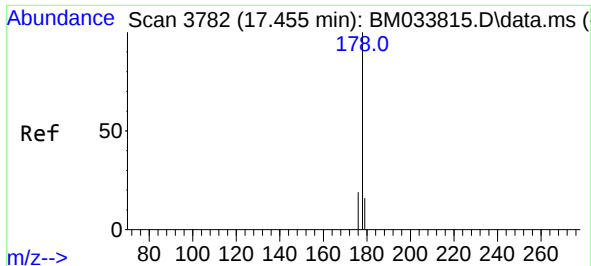


#15
Phenanthrene
Concen: 6.330 ng/u1
RT: 17.361 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



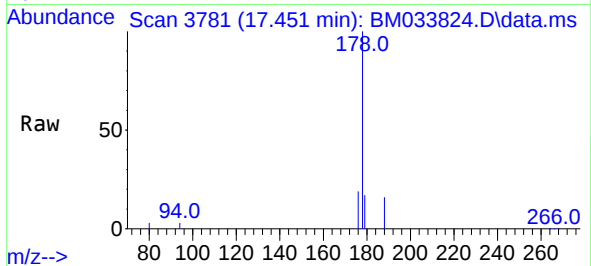
Tgt Ion:178 Resp: 325702
Ion Ratio Lower Upper
178 100
179 15.7 15.0 22.6
176 19.3 17.9 26.9





#16
 Anthracene
 Concen: 0.797 ng/ul
 RT: 17.451 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BM033824.D
 Acq: 21 Jan 2022 14:44

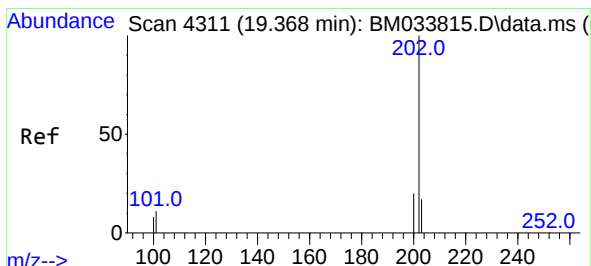
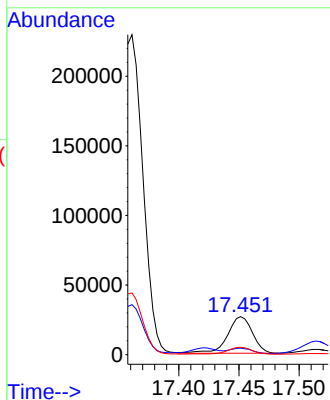
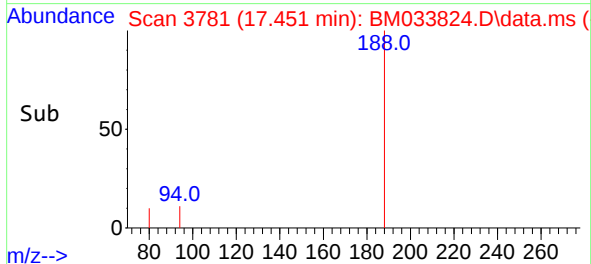
Instrument :
 BNA_M
 ClientSampleId :
 C0F02



Tgt Ion:178 Resp: 37645
 Ion Ratio Lower Upper
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 179 17.1 16.5 24.7
 176 19.2 18.3 27.5

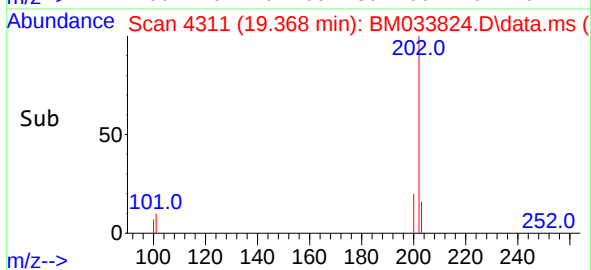
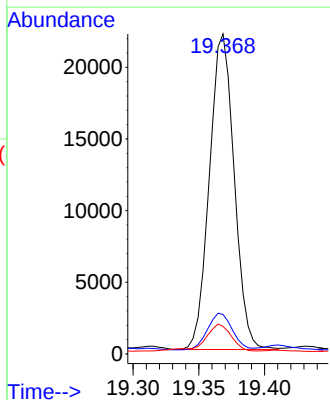
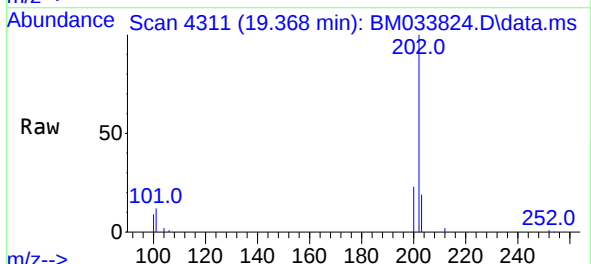
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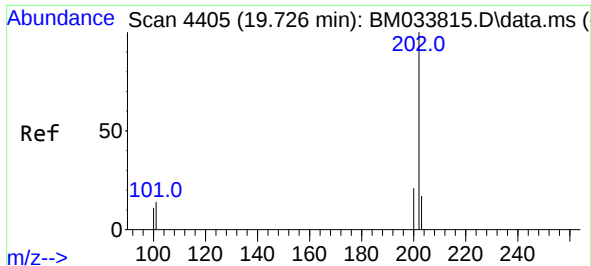
Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022



#19
 Fluoranthene
 Concen: 0.713 ng/ul
 RT: 19.368 min Scan# 4311
 Delta R.T. -0.003 min
 Lab File: BM033824.D
 Acq: 21 Jan 2022 14:44

Tgt Ion:202 Resp: 28862
 Ion Ratio Lower Upper
 202 100
 101 12.4 9.2 13.8
 100 8.6 7.2 10.8





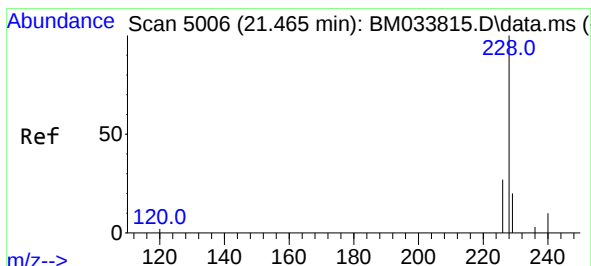
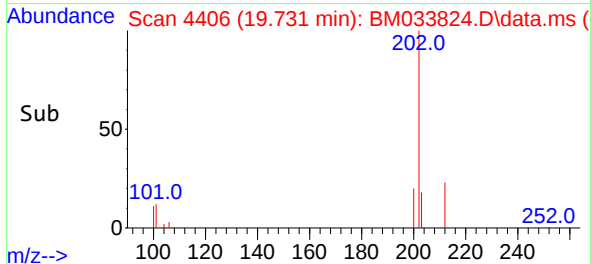
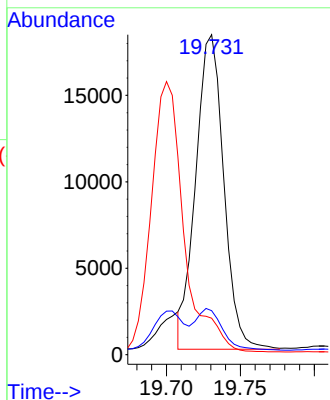
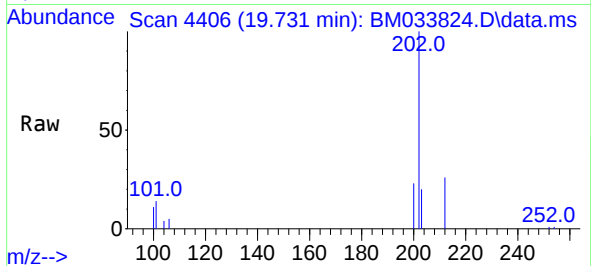
#20
Pyrene
Concen: 0.585 ng/ul m
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

Instrument :
BNA_M
ClientSampleId :
C0F02

Tgt Ion:202 Resp: 2397
Ion Ratio Lower Upper
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101 13.8 9.3 13.9
100 11.4 7.8 11.6

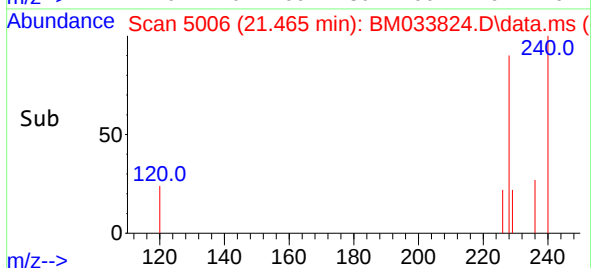
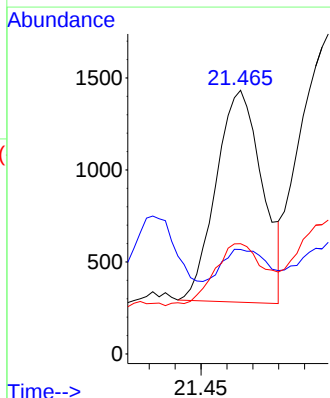
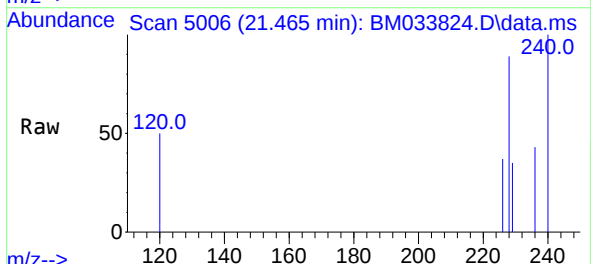
Manual Integrations
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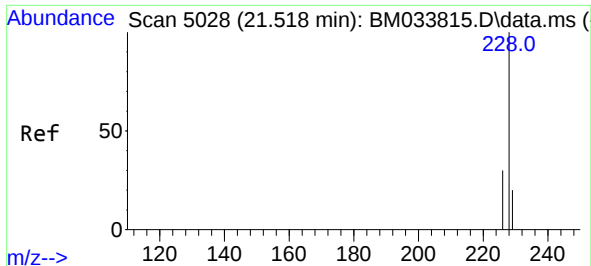
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#21
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

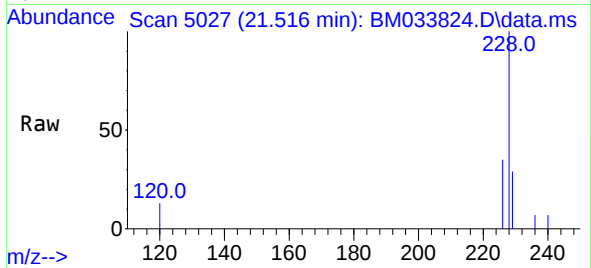
Tgt Ion:228 Resp: 1429
Ion Ratio Lower Upper
228 100
229 39.6 17.3 25.9#
226 41.8 23.2 34.8#





#22
Chrysene
Concen: 0.170 ng/ul
RT: 21.516 min Scan# 5028
Delta R.T. -0.007 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

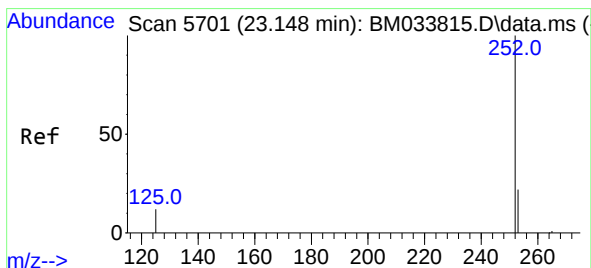
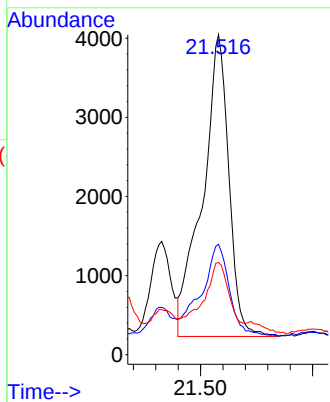
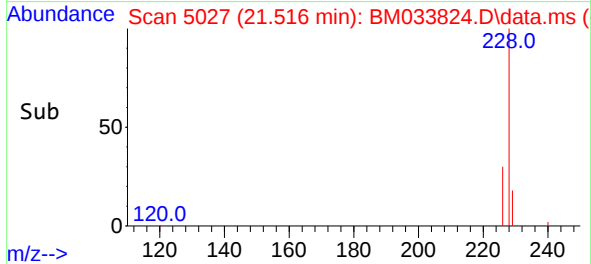
Instrument :
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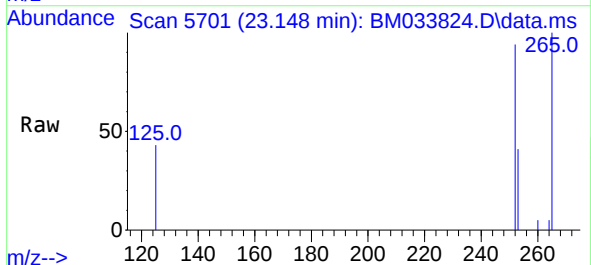
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Ion Ratio Lower Upper
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226 34.5 25.8 38.8
229 28.8 16.7 25.1

Manual Integrations
APPROVED

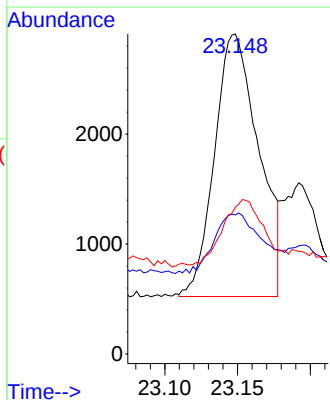
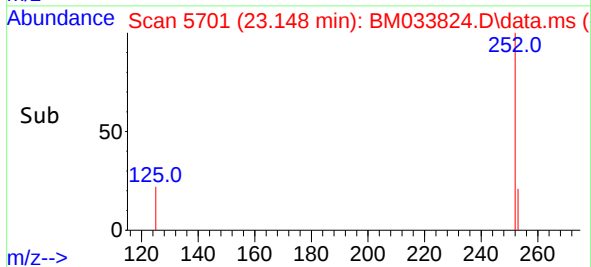
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

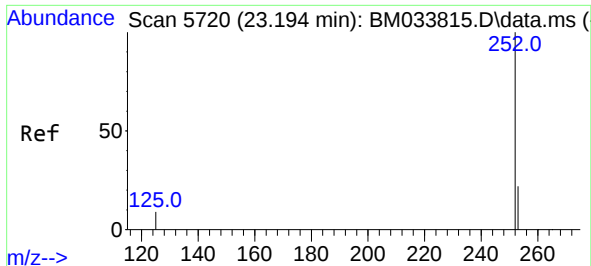


#24
Benzo(b)fluoranthene
Concen: 0.143 ng/ul m
RT: 23.148 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



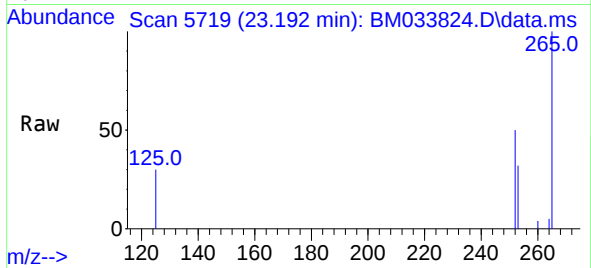
Tgt Ion:252 Resp: 5062
Ion Ratio Lower Upper
252 100
253 43.4 0.0 64.2
125 45.9 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.192 min Scan# 51
Delta R.T. -0.009 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

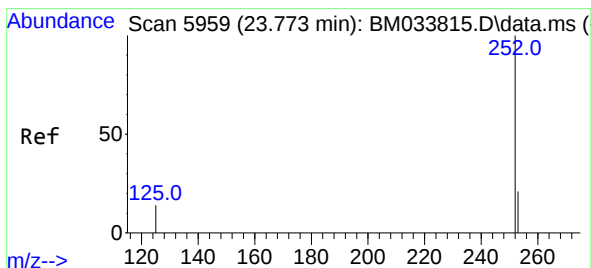
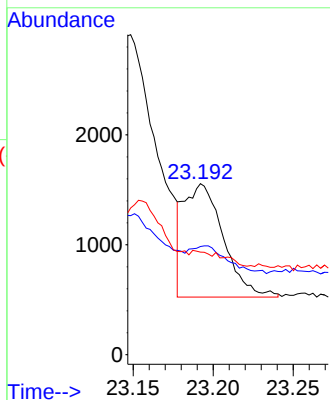
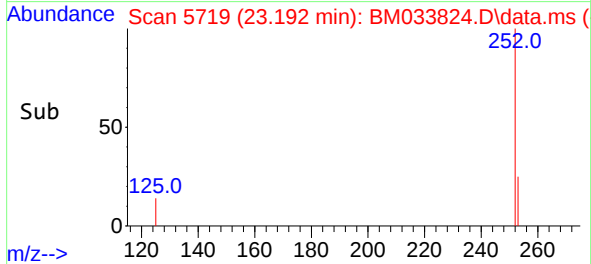
Instrument :
BNA_M
ClientSampleId :
C0F02



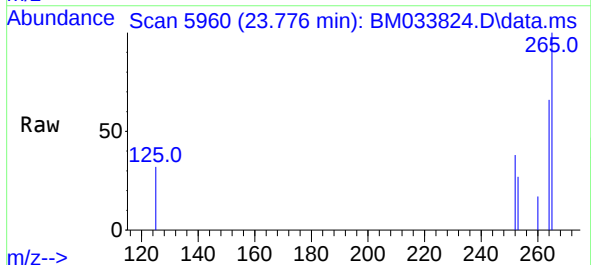
Tgt Ion:252 Resp: 177
Ion Ratio Lower Upper
252 100
253 63.3 26.8 40.2
125 60.0 12.0 18.0

Manual Integrations
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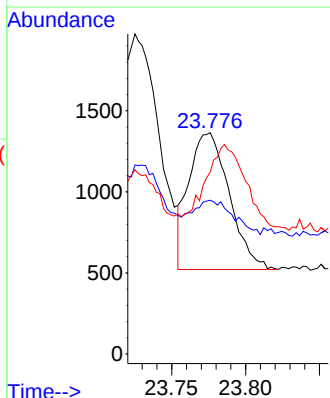
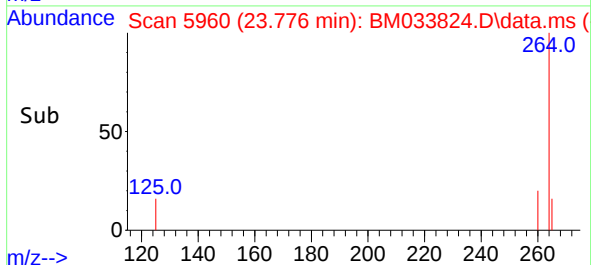
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

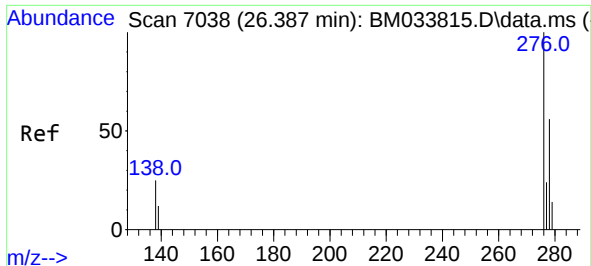


#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.776 min Scan# 5960
Delta R.T. -0.004 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44



Tgt Ion:252 Resp: 1607
Ion Ratio Lower Upper
252 100
253 69.5 32.0 48.0#
125 82.1 14.5 21.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/ul

RT: 26.383 min Scan# 7038

Delta R.T. -0.014 min

Lab File: BM033824.D

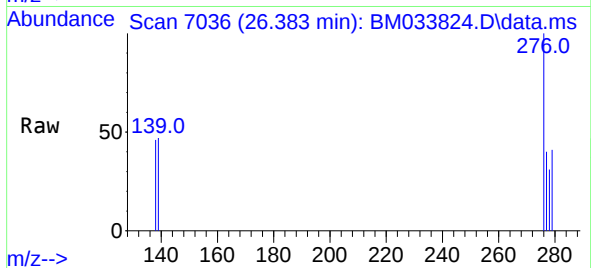
Acq: 21 Jan 2022 14:44

Instrument :

BNA_M

ClientSampleId :

C0F02



Tgt Ion:276 Resp: 225

Ion Ratio Lower Upper

276 100

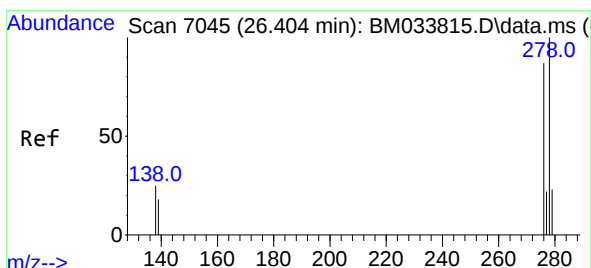
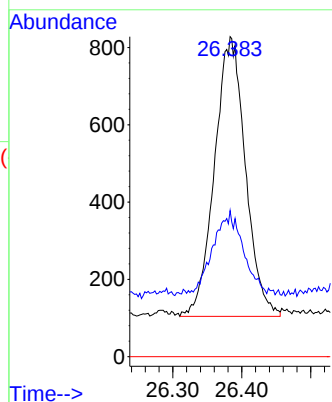
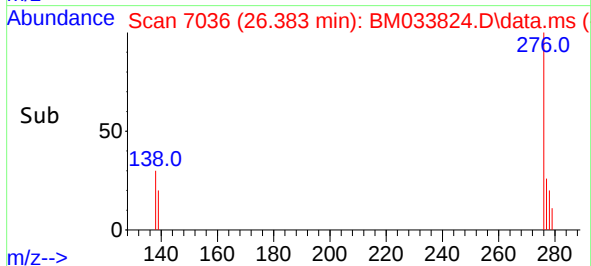
138 28.3 15.8 23.6

227 0.0 0.0 0.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#28

Dibenzo(a,h)anthracene

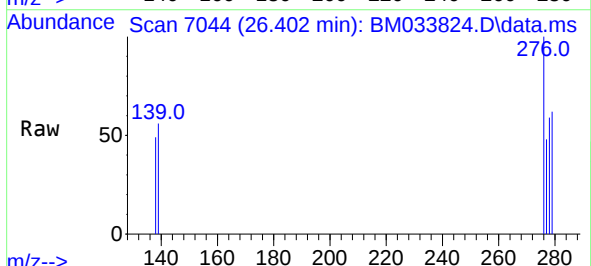
Concen: 0.023 ng/ul

RT: 26.402 min Scan# 7044

Delta R.T. -0.017 min

Lab File: BM033824.D

Acq: 21 Jan 2022 14:44



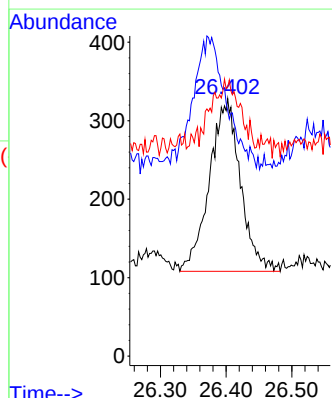
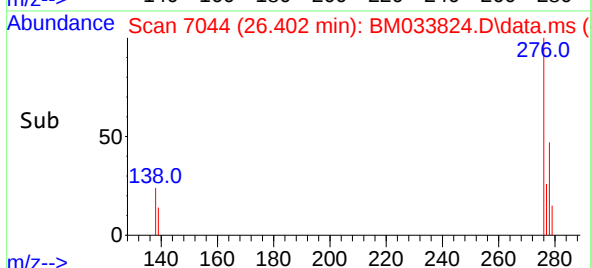
Tgt Ion:278 Resp: 721

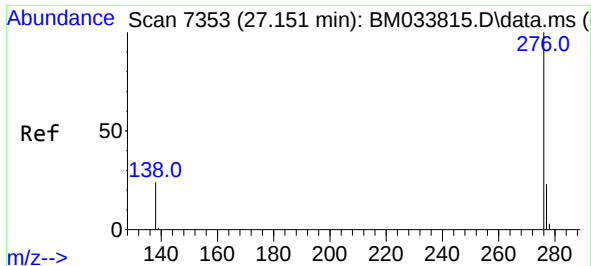
Ion Ratio Lower Upper

278 100

139 95.4 18.0 27.0#

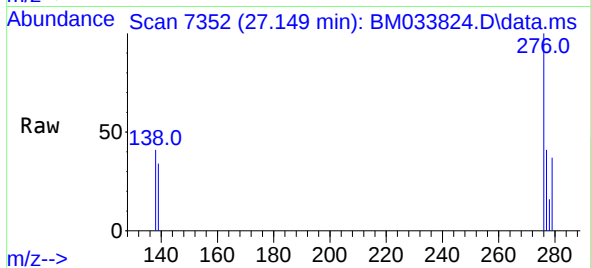
279 104.6 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 27.149 min Scan# 71
Delta R.T. -0.019 min
Lab File: BM033824.D
Acq: 21 Jan 2022 14:44

Instrument :
BNA_M
ClientSampleId :
C0F02



Tgt Ion:276 Resp: 218
Ion Ratio Lower Upper
276 100
138 40.7 17.4 26.0
277 41.3 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

