

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033818.D
 Acq On : 21 Jan 2022 11:12
 Operator : CG/JU
 Sample : N1129-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBLZ8

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 23:42:37 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	7.946	152	3449	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	13202	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	7830	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	15353	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	9127	0.400	ng/ul	# 0.00
23) Perylene-d12	23.880	264	7703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11831	3.220	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	3847	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	7493	0.265	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.810	128	5211	0.136	ng/ul#	91
7) 2-Methylnaphthalene	12.420	142	3172	0.129	ng/ul	100
8) 1-Methylnaphthalene	12.636	142	2306	0.096	ng/ul	100
10) Acenaphthylene	14.303	152	3048	0.084	ng/ul	97
11) Acenaphthene	14.644	153	2356	0.082	ng/ul	96
12) Fluorene	15.626	166	1933	0.056	ng/ul	98
14) Pentachlorophenol	16.972	266	335	0.055	ng/ul	94
15) Phenanthrene	17.361	178	56181	1.130	ng/ul	93
16) Anthracene	17.451	178	11494	0.252	ng/ul	92
19) Fluoranthene	19.368	202	130134	3.040	ng/ul	99
20) Pyrene	19.726	202	111880	2.583	ng/ul	96
21) Benzo(a)anthracene	21.465	228	51952	1.370	ng/ul	99
22) Chrysene	21.516	228	54188m	1.398	ng/ul	
24) Benzo(b)fluoranthene	23.151	252	69647m	2.064	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	24002m	0.725	ng/ul	
26) Benzo(a)pyrene	23.776	252	45158	1.539	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.387	276	35007	0.917	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.397	278	9041	0.298	ng/ul#	93
29) Benzo(g,h,i)perylene	27.153	276	31914	0.972	ng/ul	94

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

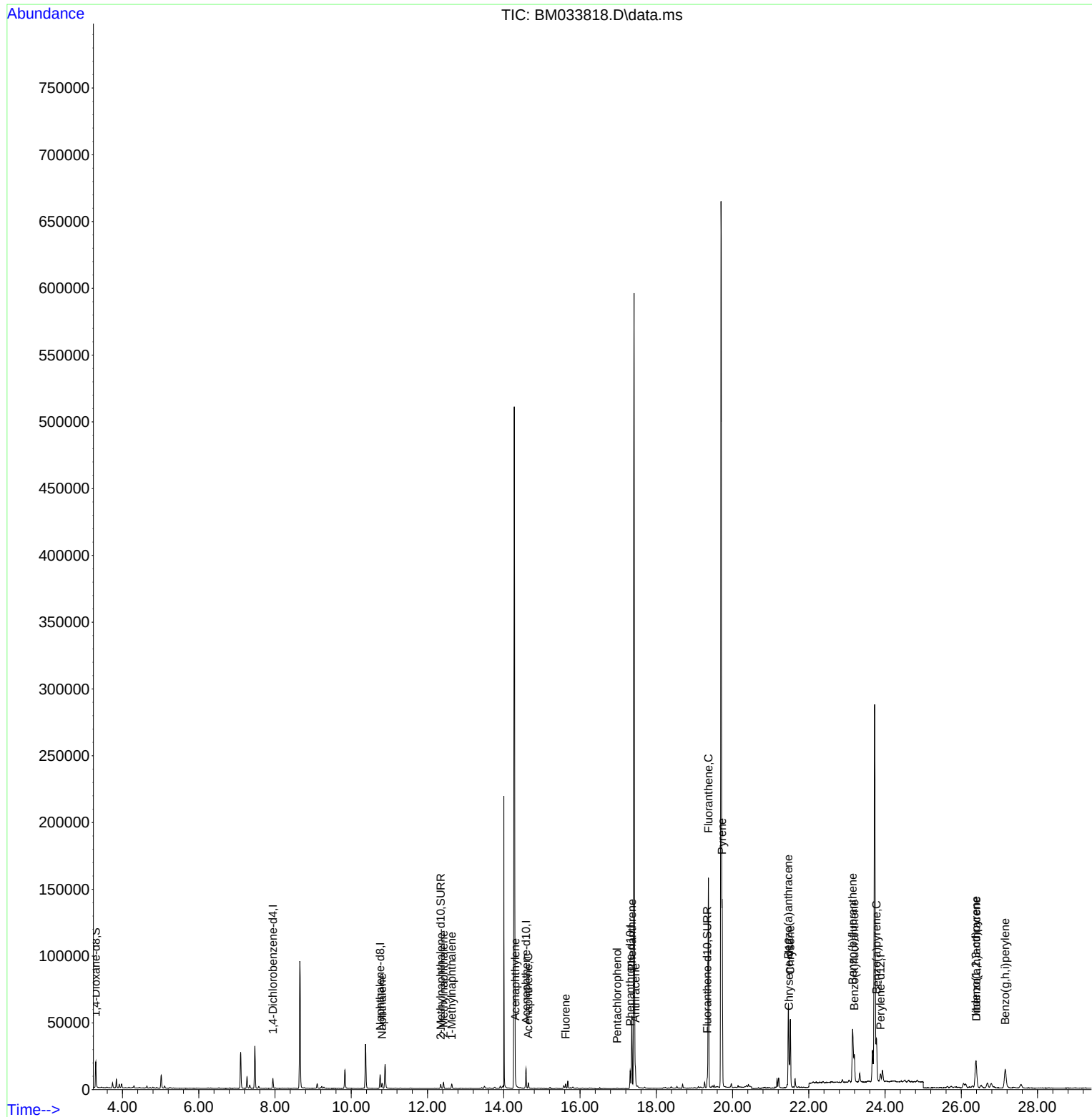
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033818.D
Acq On : 21 Jan 2022 11:12
Operator : CG/JU
Sample : N1129-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

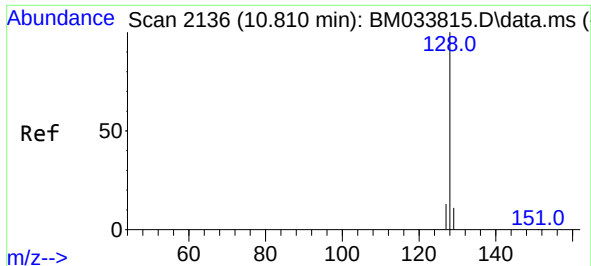
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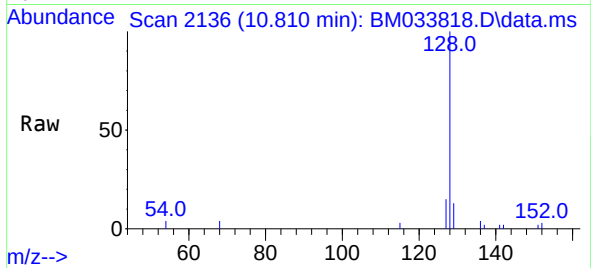
Quant Time: Jan 21 23:42:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.136 ng/ul
RT: 10.810 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

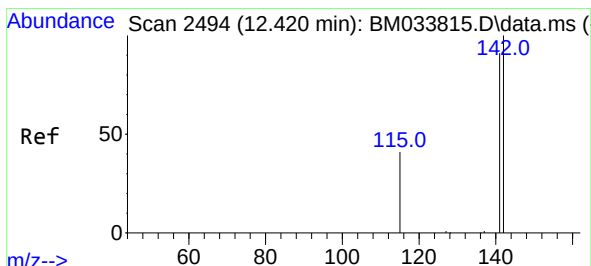
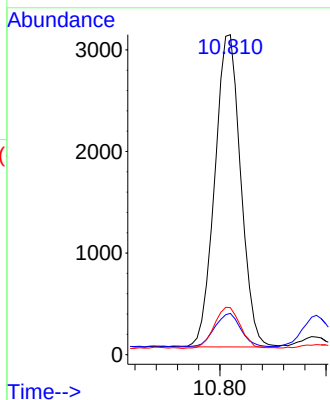
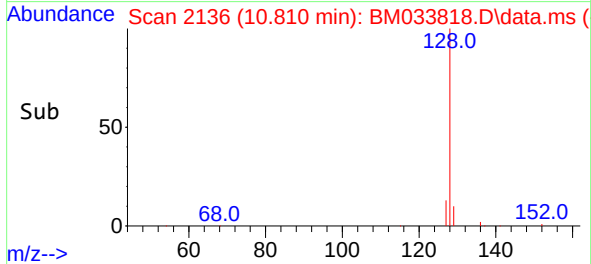
Instrument :
BNA_M
ClientSampleId :
DBLZ8



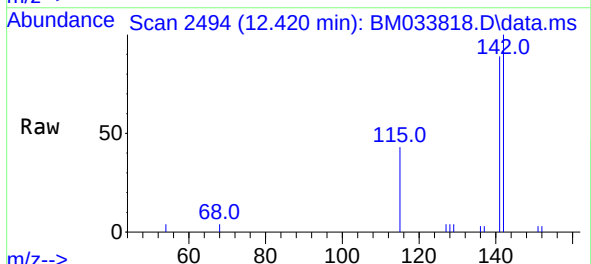
Tgt Ion:128 Resp: 521
Ion Ratio Lower Upper
128 100
129 12.9 13.4 20.2
127 14.7 15.2 22.8

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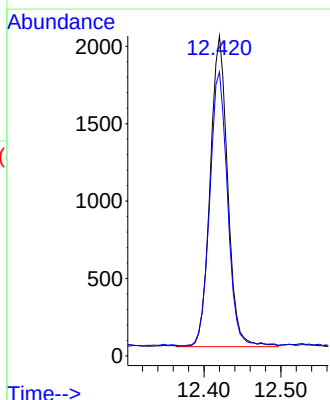
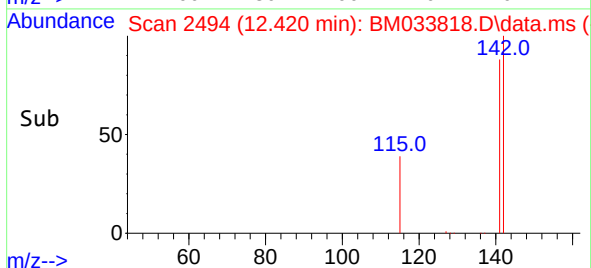
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

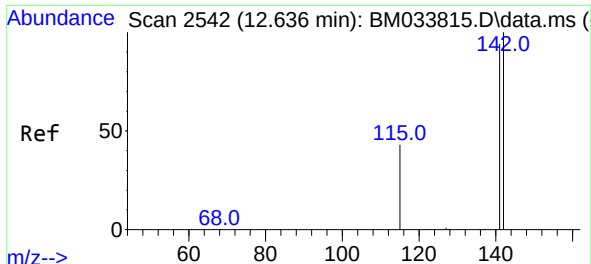


#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



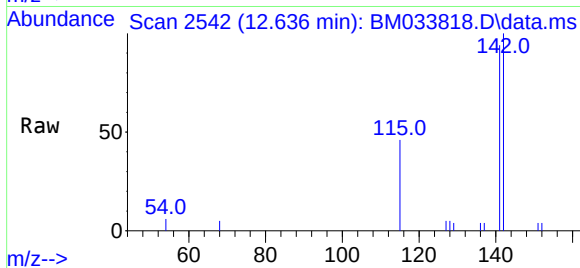
Tgt Ion:142 Resp: 3172
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.636 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

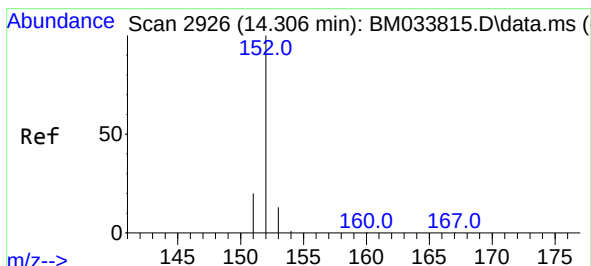
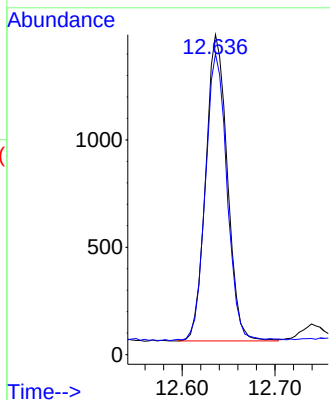
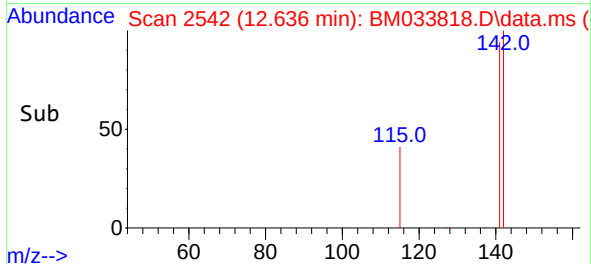
Instrument :
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ClientSampleId :
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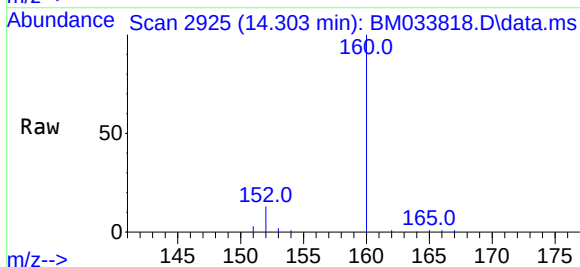
Tgt Ion:142 Resp: 2300
Ion Ratio Lower Upper
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141 93.8 75.0 112.4

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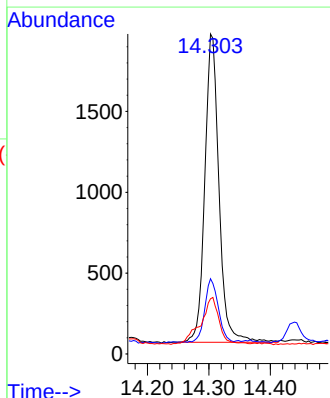
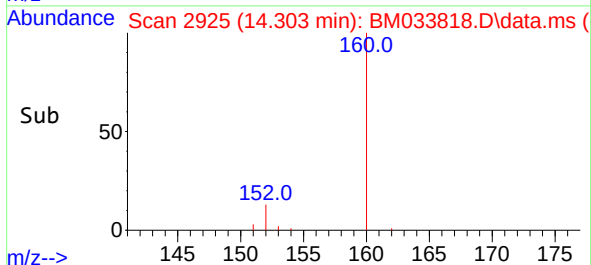
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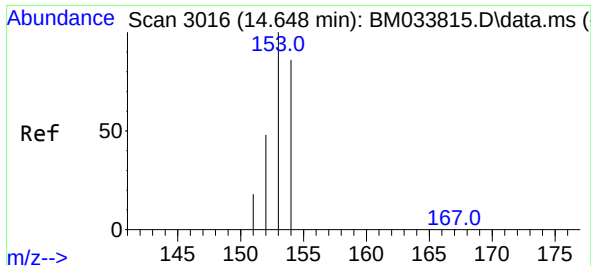


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.303 min Scan# 2925
Delta R.T. -0.008 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



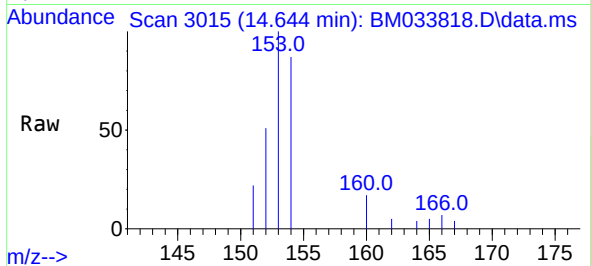
Tgt Ion:152 Resp: 3048
Ion Ratio Lower Upper
152 100
151 23.5 19.9 29.9
153 17.3 15.0 22.4





#11
Acenaphthene
Concen: 0.082 ng/u1
RT: 14.644 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

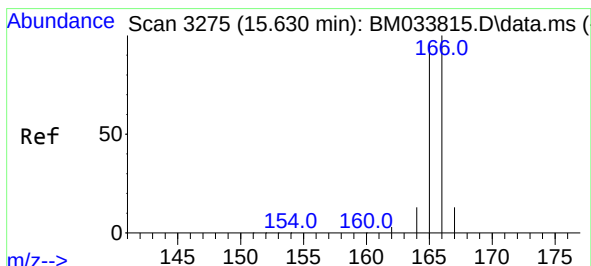
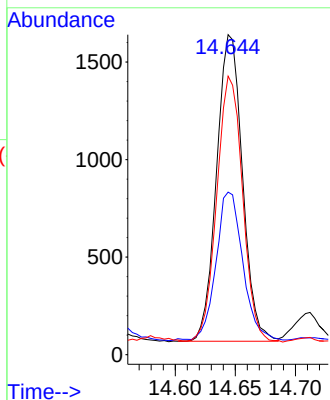
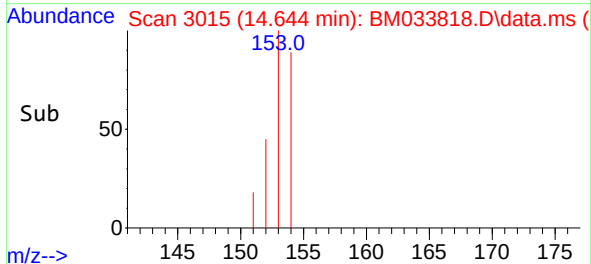
Instrument :
BNA_M
ClientSampleId :
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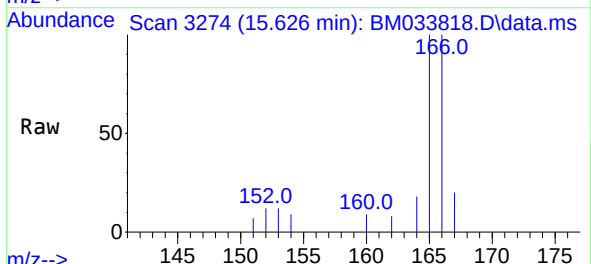
Tgt Ion:153 Resp: 2350
Ion Ratio Lower Upper
153 100
152 50.8 42.4 63.6
154 87.1 66.2 99.2

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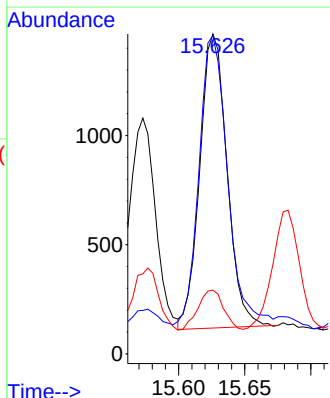
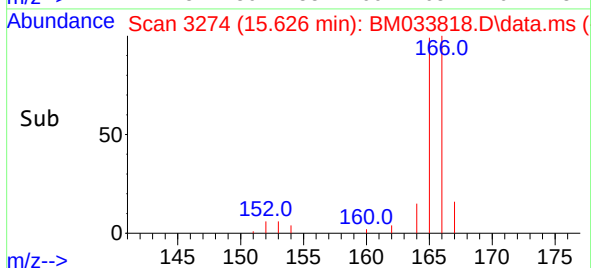
Reviewed By :Jagrut Upadhyay 01/24/2022
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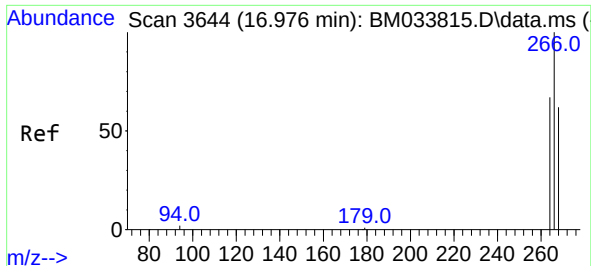


#12
Fluorene
Concen: 0.056 ng/u1
RT: 15.626 min Scan# 3274
Delta R.T. -0.004 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



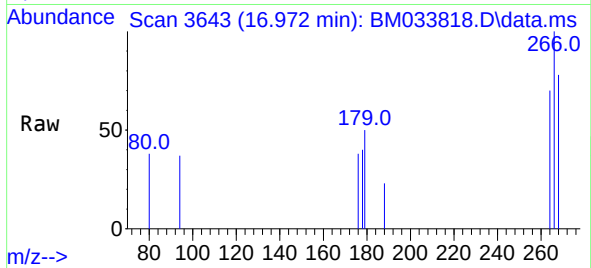
Tgt Ion:166 Resp: 1933
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 19.9 14.9 22.3





#14
Pentachlorophenol
Concen: 0.055 ng/u1
RT: 16.972 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

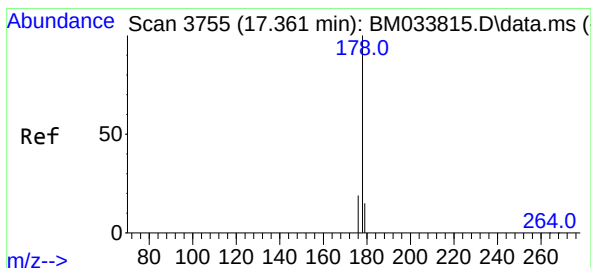
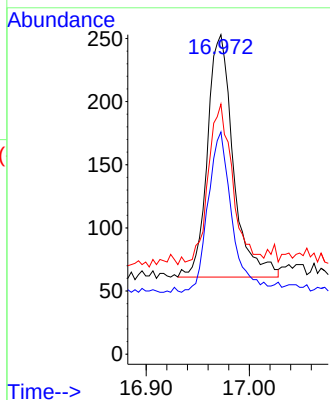
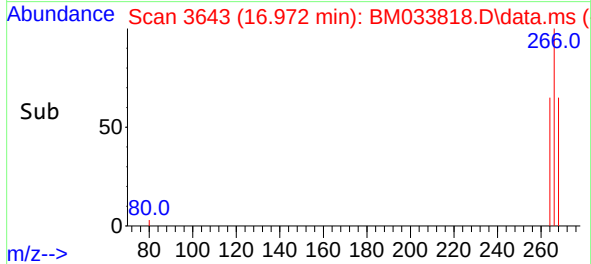
Instrument :
BNA_M
ClientSampleId :
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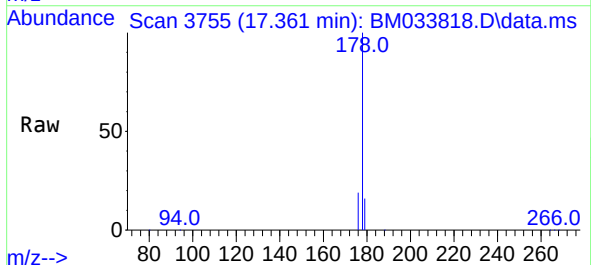
Tgt Ion:266 Resp: 335
Ion Ratio Lower Upper
266 100
264 61.5 51.4 77.0
268 59.7 53.1 79.7

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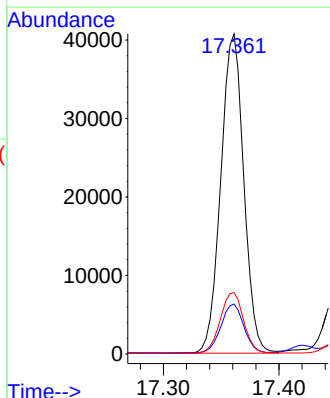
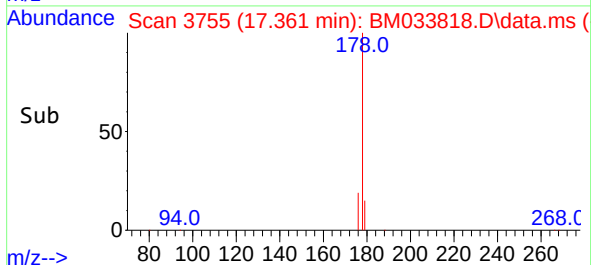
Reviewed By :Jagrut Upadhyay 01/24/2022
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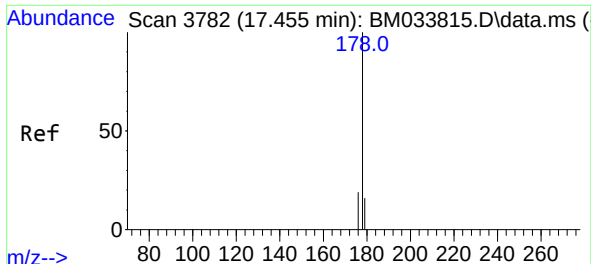


#15
Phenanthrene
Concen: 1.130 ng/u1
RT: 17.361 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



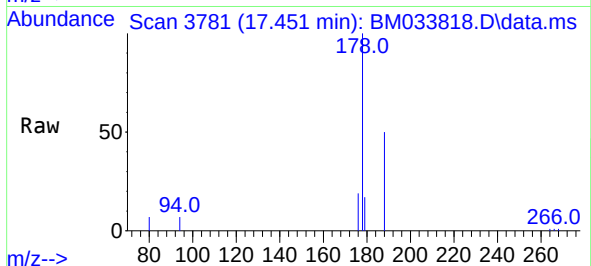
Tgt Ion:178 Resp: 56181
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.2 17.9 26.9





#16
 Anthracene
 Concen: 0.252 ng/u1
 RT: 17.451 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BM033818.D
 Acq: 21 Jan 2022 11:12

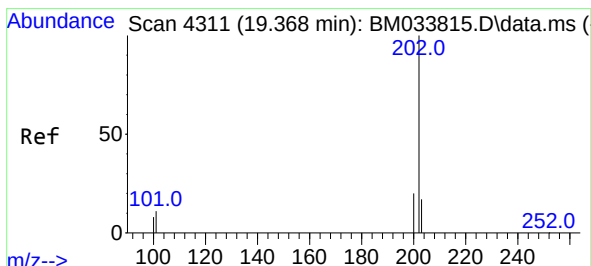
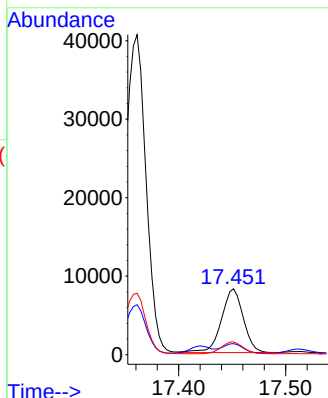
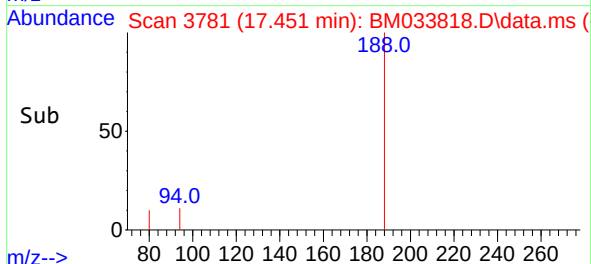
Instrument :
 BNA_M
 ClientSampleId :
 DBLZ8



Tgt Ion:178 Resp: 11494
 Ion Ratio Lower Upper
 178 100
 179 16.8 16.5 24.7
 176 19.5 18.3 27.5

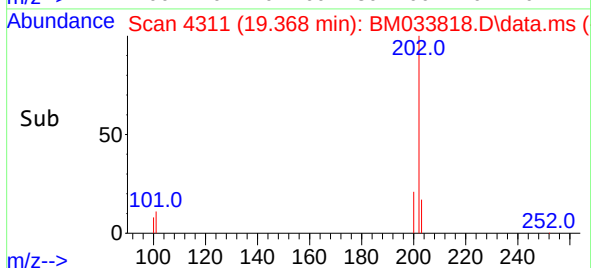
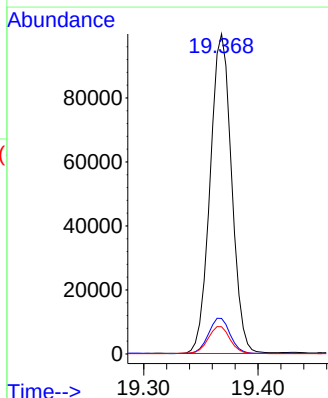
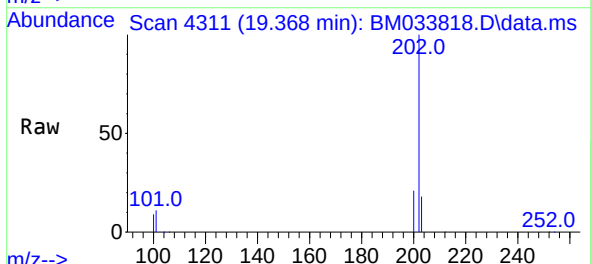
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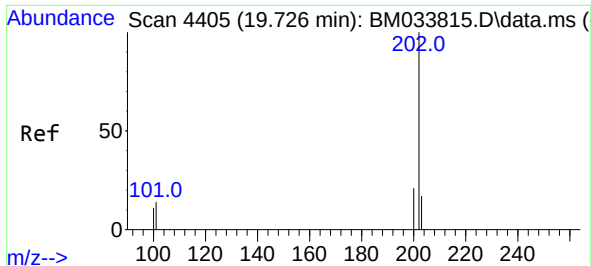
Reviewed By :Jagrut Upadhyay 01/24/2022
 Supervised By :mohammad ahmed 01/27/2022



#19
 Fluoranthene
 Concen: 3.040 ng/u1
 RT: 19.368 min Scan# 4311
 Delta R.T. -0.004 min
 Lab File: BM033818.D
 Acq: 21 Jan 2022 11:12

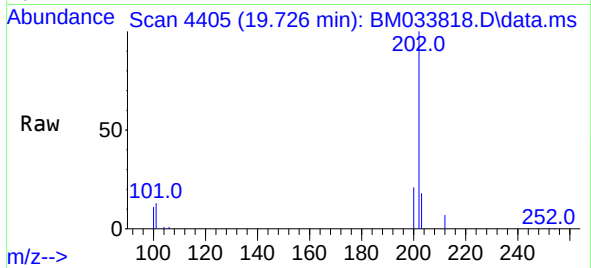
Tgt Ion:202 Resp: 130134
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.2 13.8
 100 8.5 7.2 10.8





#20
Pyrene
Concen: 2.583 ng/u1
RT: 19.726 min Scan# 4405
Delta R.T. -0.008 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

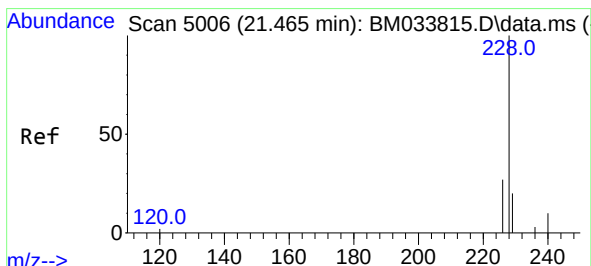
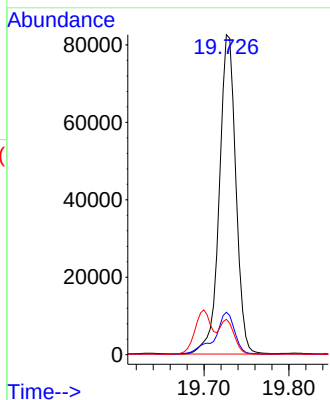
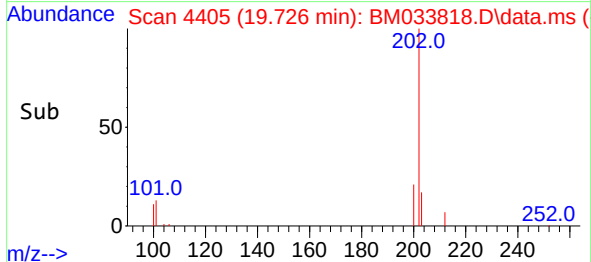
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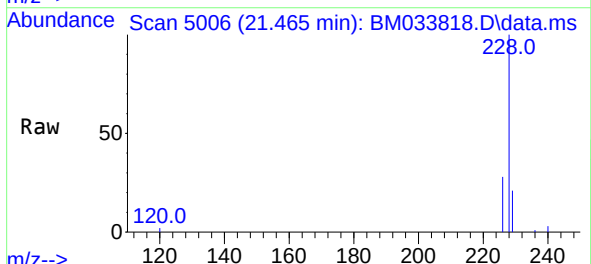
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Ion Ratio Lower Upper
202 100
101 13.3 9.3 13.9
100 11.0 7.8 11.6

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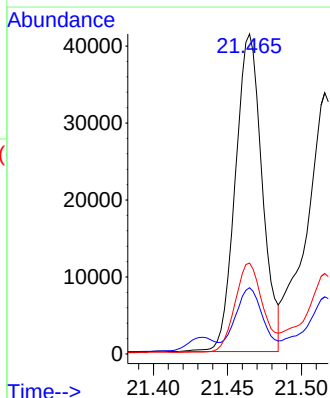
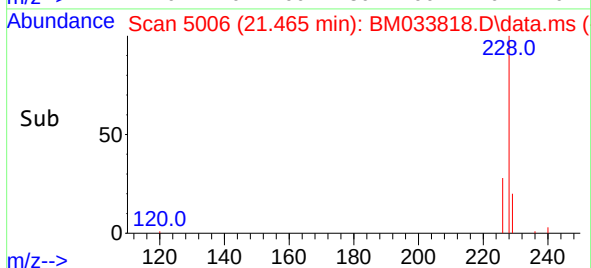
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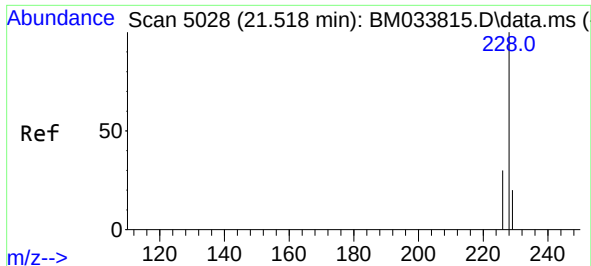


#21
Benzo(a)anthracene
Concen: 1.370 ng/u1
RT: 21.465 min Scan# 5006
Delta R.T. -0.005 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



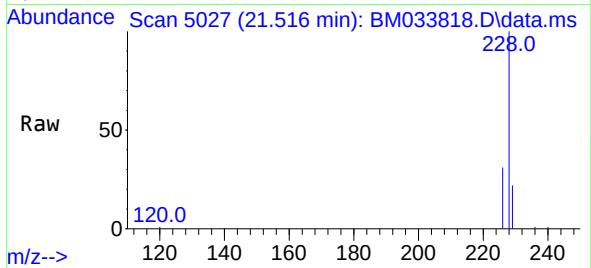
Tgt Ion:228 Resp: 51952
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 28.4 23.2 34.8





#22
Chrysene
Concen: 1.398 ng/ul m
RT: 21.516 min Scan# 5028
Delta R.T. -0.007 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

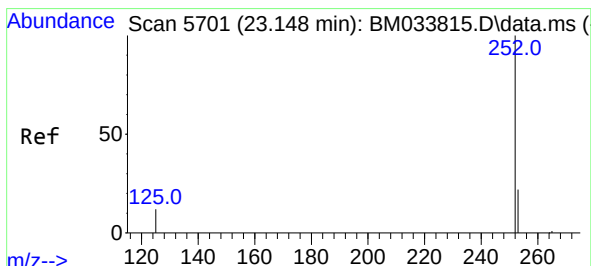
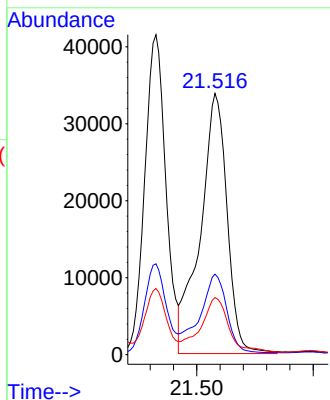
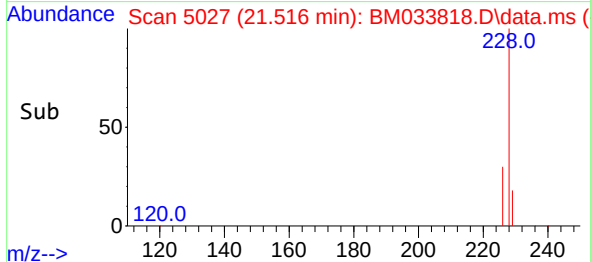
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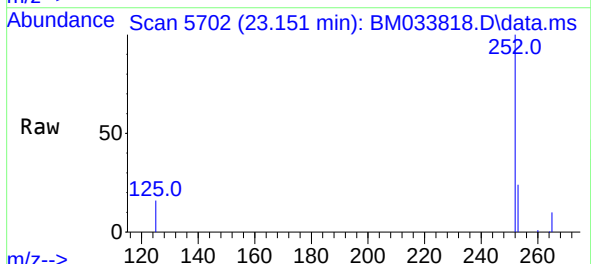
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Ion Ratio Lower Upper
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226 30.8 25.8 38.8
229 21.8 16.7 25.1

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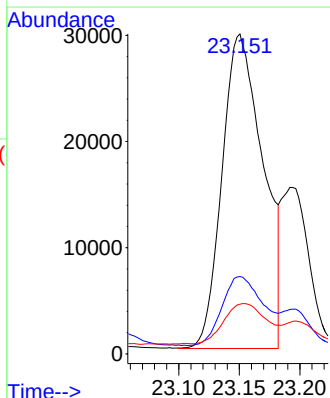
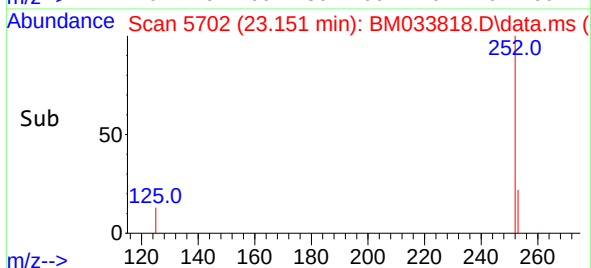
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

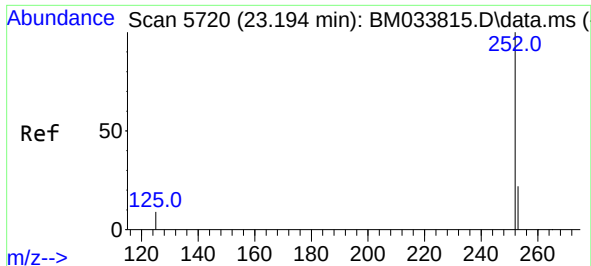


#24
Benzo(b)fluoranthene
Concen: 2.064 ng/ul m
RT: 23.151 min Scan# 5702
Delta R.T. -0.002 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



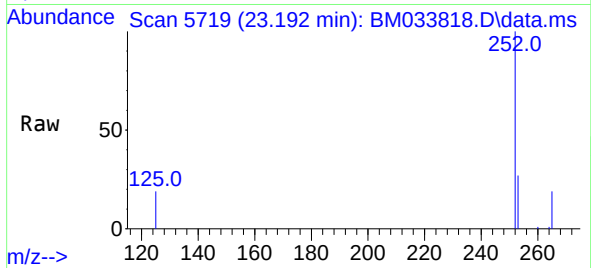
Tgt Ion:252 Resp: 69647
Ion Ratio Lower Upper
252 100
253 24.2 0.0 64.2
125 15.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.725 ng/ul m
RT: 23.192 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

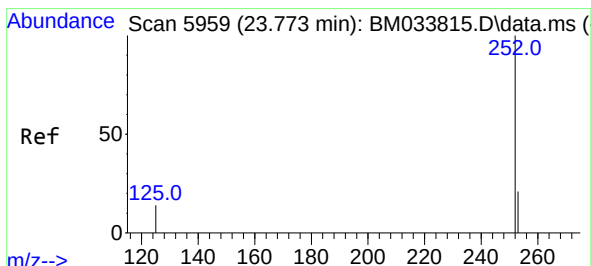
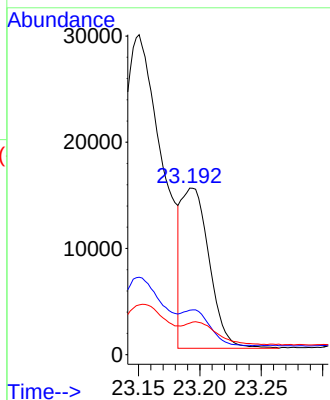
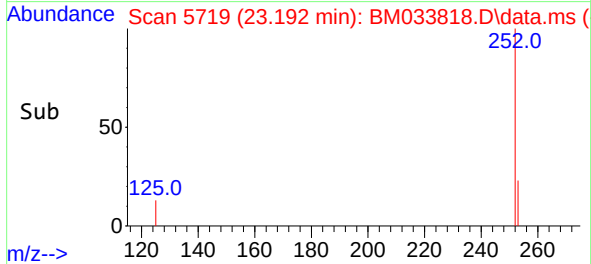
Instrument :
BNA_M
ClientSampleId :
DBLZ8



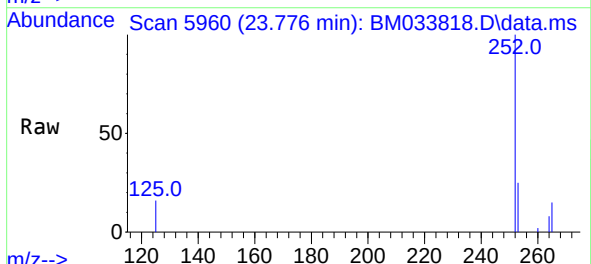
Tgt Ion:252 Resp: 2400
Ion Ratio Lower Upper
252 100
253 26.7 26.8 40.2
125 18.9 12.0 18.0

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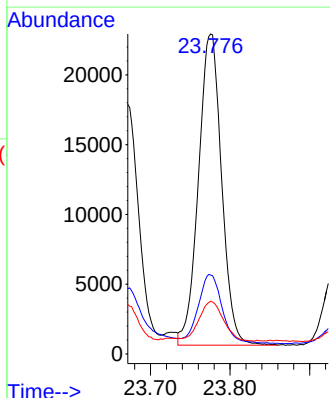
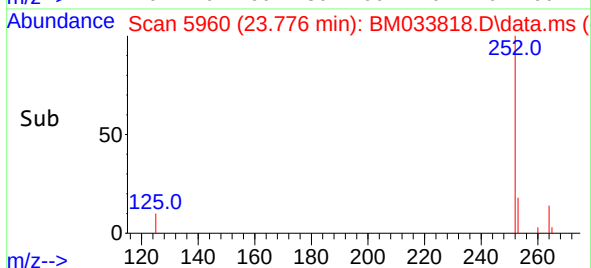
Reviewed By :Jagrut Upadhyay 01/24/2022
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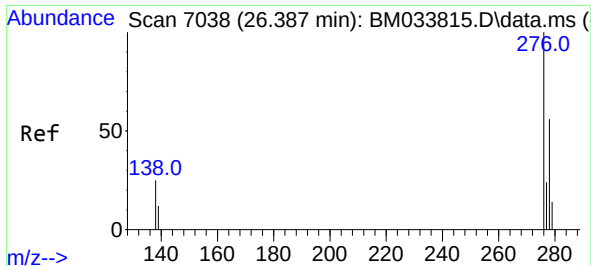


#26
Benzo(a)pyrene
Concen: 1.539 ng/ul
RT: 23.776 min Scan# 5960
Delta R.T. -0.005 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



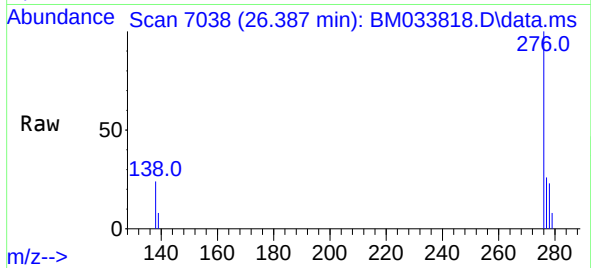
Tgt Ion:252 Resp: 45158
Ion Ratio Lower Upper
252 100
253 24.7 32.0 48.0#
125 16.4 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.917 ng/ul
RT: 26.387 min Scan# 7038
Delta R.T. -0.010 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

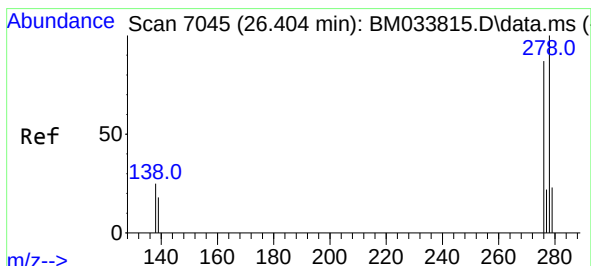
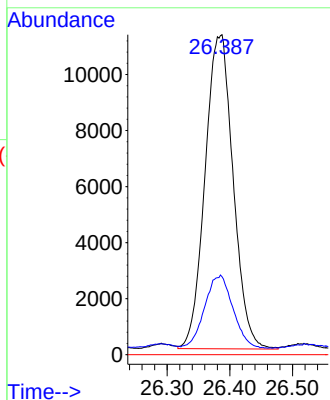
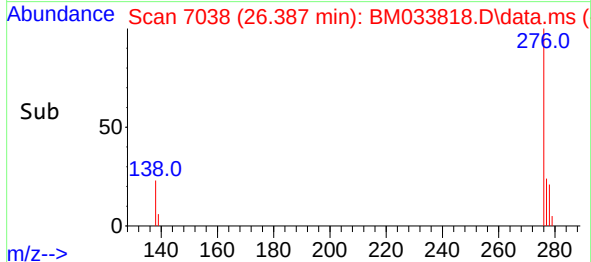
Instrument :
BNA_M
ClientSampleId :
DBLZ8



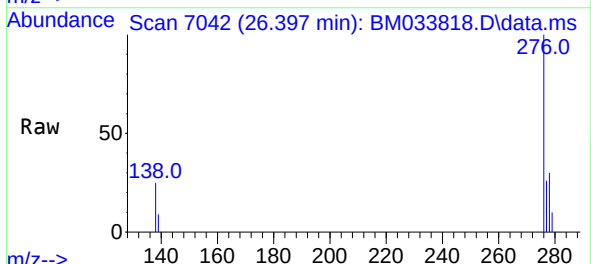
Tgt Ion:276 Resp: 3500
Ion Ratio Lower Upper
276 100
138 23.3 15.8 23.6
227 0.0 0.0 0.0

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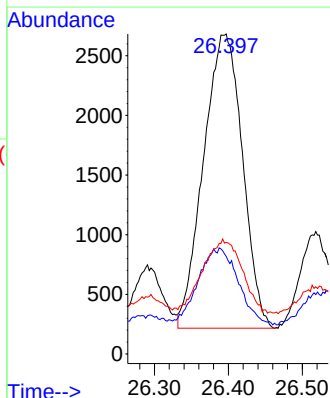
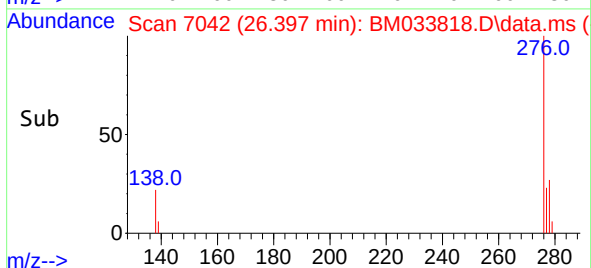
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

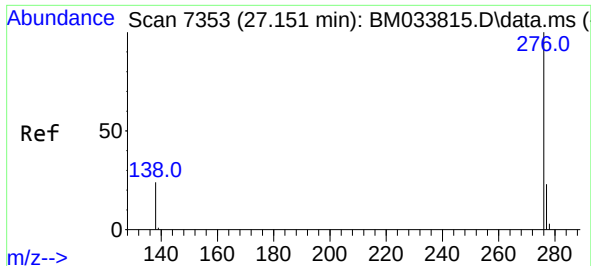


#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.397 min Scan# 7042
Delta R.T. -0.022 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12



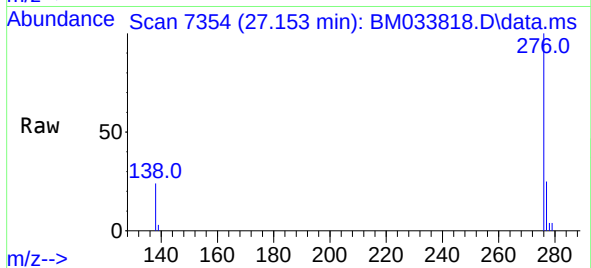
Tgt Ion:278 Resp: 9041
Ion Ratio Lower Upper
278 100
139 30.5 18.0 27.0#
279 34.9 28.6 42.8





#29
Benzo(g,h,i)perylene
Concen: 0.972 ng/ul
RT: 27.153 min Scan# 71
Delta R.T. -0.014 min
Lab File: BM033818.D
Acq: 21 Jan 2022 11:12

Instrument :
BNA_M
ClientSampleId :
DBLZ8



Tgt Ion:276 Resp: 31914
Ion Ratio Lower Upper
276 100
138 24.2 17.4 26.0
277 24.7 22.6 33.8

Manual Integrations
APPROVED

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

