

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033803.D
 Acq On : 21 Jan 2022 00:19
 Operator : CG/JU
 Sample : N1199-01
 Misc :
 ALS Vial : 19 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 21 02:04:16 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	3681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	14440	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	9518m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	18345	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	11500	0.400	ng/ul	# 0.00
23) Perylene-d12	23.883	264	9004	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	19886	5.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	7678	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	17777	0.499	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	2170071	51.870	ng/ul#	87
7) 2-Methylnaphthalene	12.420	142	217713	8.103	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	1467902	55.636	ng/ul	99
10) Acenaphthylene	14.310	152	49193	1.118	ng/ul#	71
11) Acenaphthene	14.648	153	154108	4.392	ng/ul	95
12) Fluorene	15.630	166	186718	4.448	ng/ul	97
14) Pentachlorophenol	16.972	266	29240	4.039	ng/ul	97
15) Phenanthrene	17.361	178	422121	7.106	ng/ul	93
16) Anthracene	17.455	178	49331	0.905	ng/ul	92
19) Fluoranthene	19.368	202	41248	0.765	ng/ul	97
20) Pyrene	19.731	202	35392m	0.649	ng/ul	
21) Benzo(a)anthracene	21.468	228	2141	0.045	ng/ul#	76
22) Chrysene	21.516	228	9296	0.190	ng/ul#	92
24) Benzo(b)fluoranthene	23.151	252	7107m	0.180	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	2333m	0.060	ng/ul	
26) Benzo(a)pyrene	23.778	252	2096	0.061	ng/ul#	30
27) Indeno(1,2,3-cd)pyrene	26.385	276	2743	0.061	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.402	278	892	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	27.153	276	2638	0.069	ng/ul#	74

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

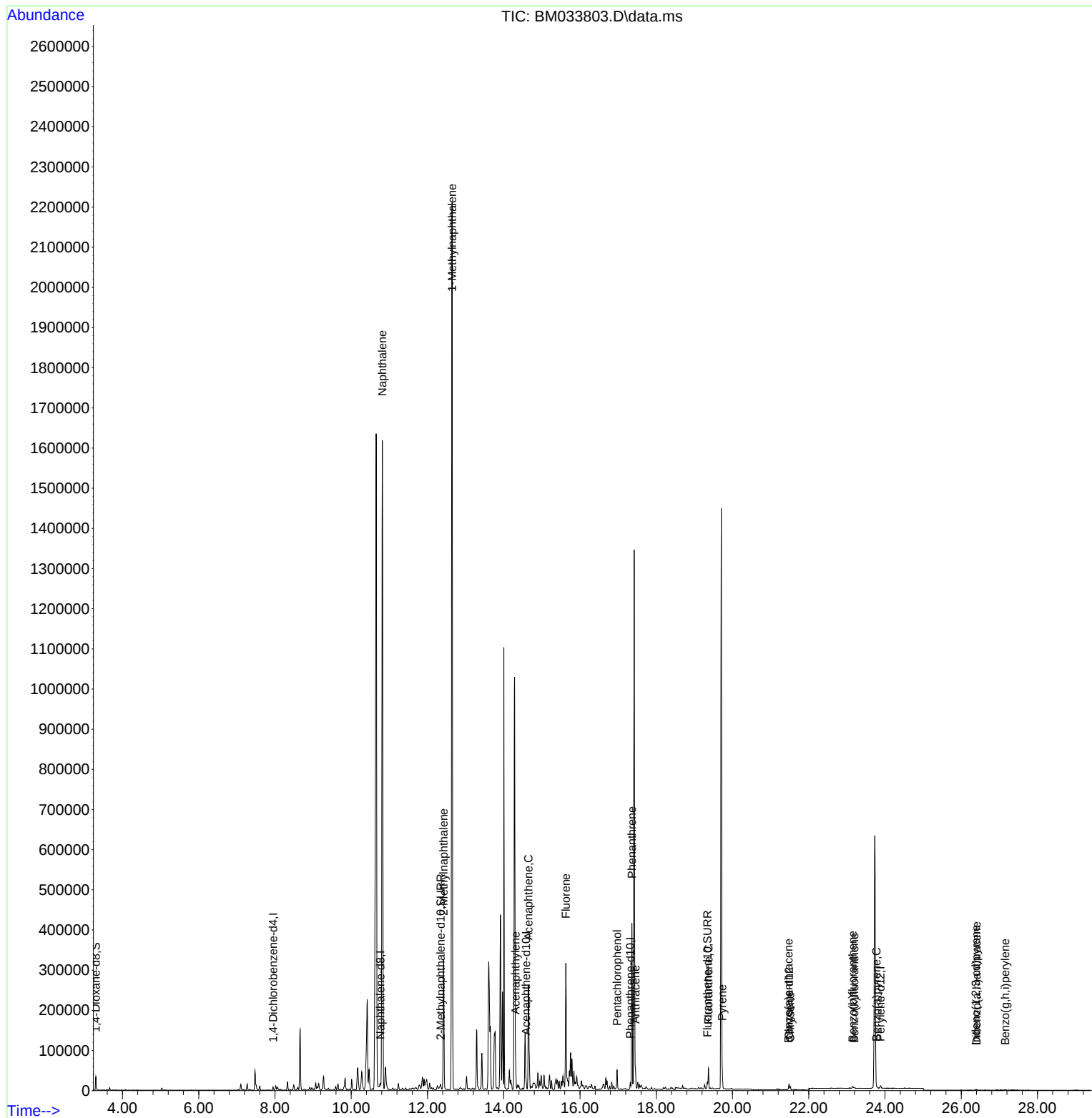
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033803.D
Acq On : 21 Jan 2022 00:19
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Sample : N1199-01
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ALS Vial : 19 Sample Multiplier: 1

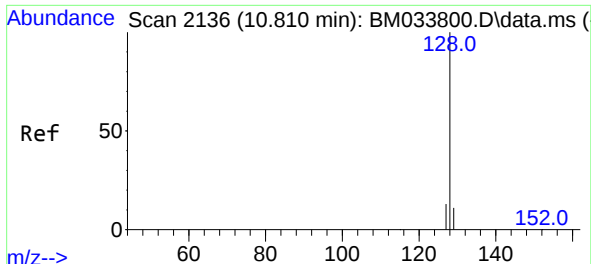
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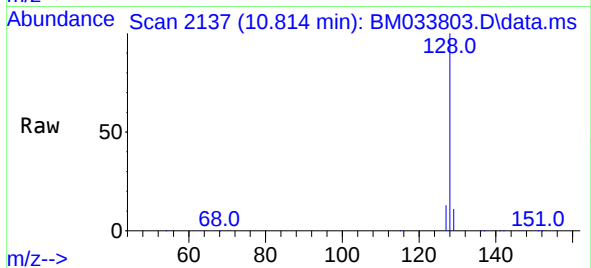
Quant Time: Jan 21 02:04:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 51.870 ng/ul
RT: 10.814 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

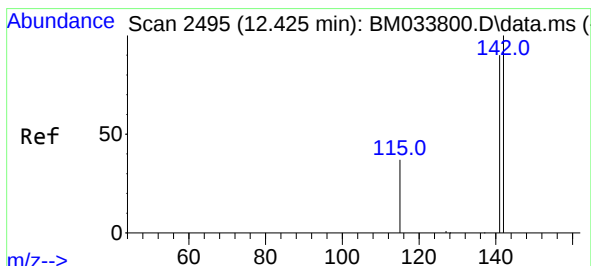
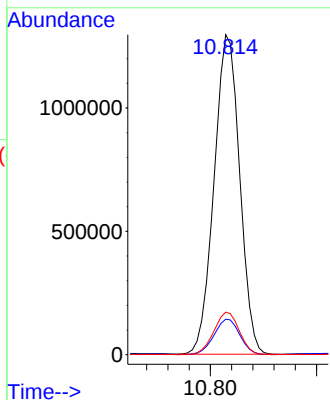
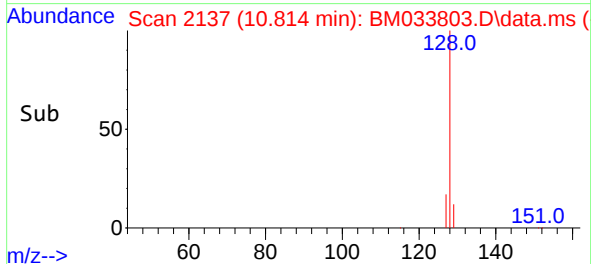
Instrument :
BNA_M
ClientSampleId :
C0F02



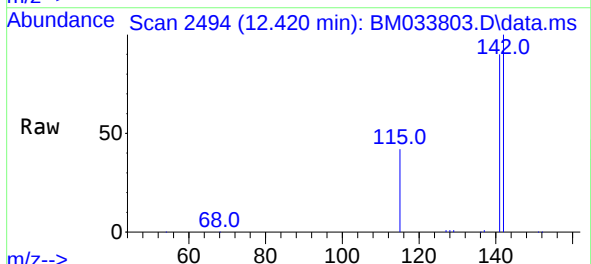
Tgt Ion:128 Resp: 217007
Ion Ratio Lower Upper
128 100
129 11.1 13.4 20.2
127 13.3 15.2 22.8

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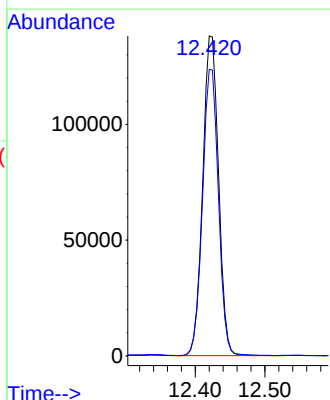
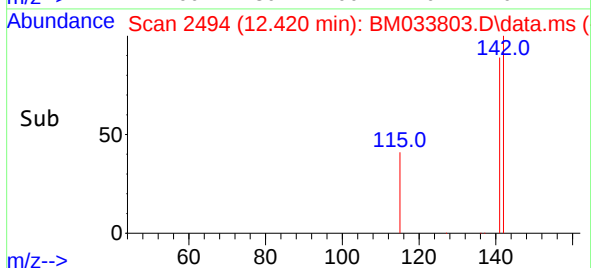
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

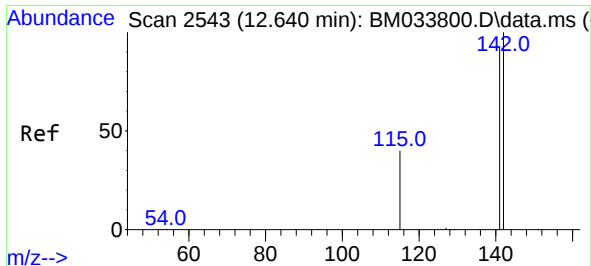


#7
2-Methylnaphthalene
Concen: 8.103 ng/ul
RT: 12.420 min Scan# 2494
Delta R.T. -0.004 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



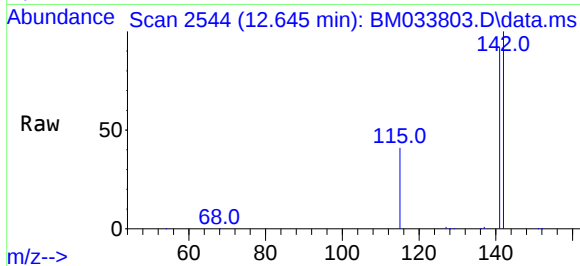
Tgt Ion:142 Resp: 217713
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6





#8
1-Methylnaphthalene
Concen: 55.636 ng/ul
RT: 12.645 min Scan# 2543
Delta R.T. 0.005 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

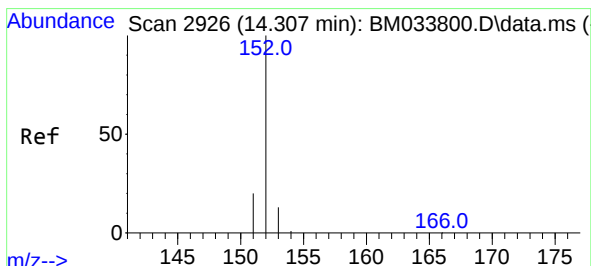
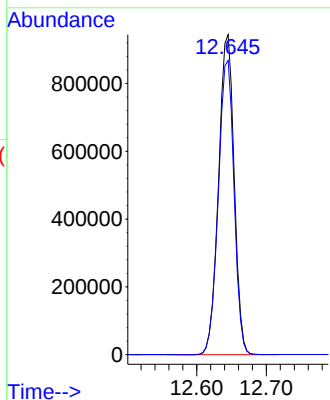
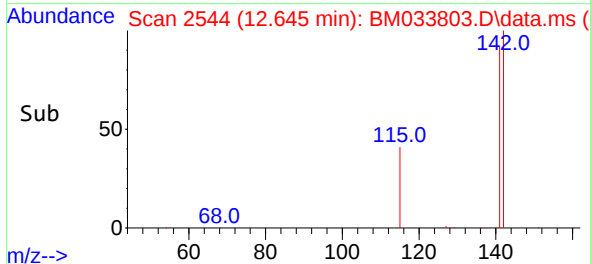
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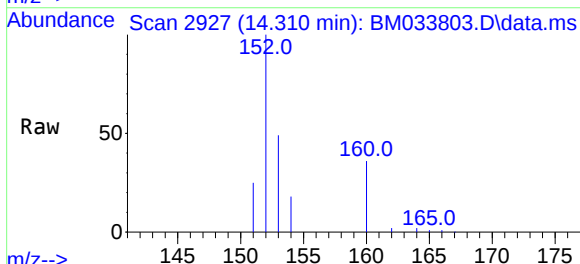
Tgt Ion:142 Resp: 146790
Ion Ratio Lower Upper
142 100
141 92.6 75.0 112.4

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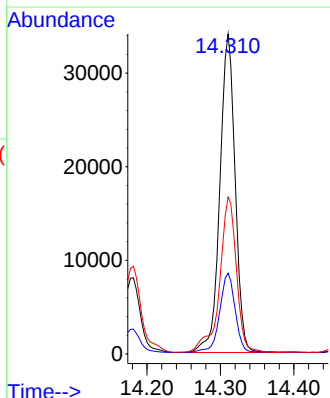
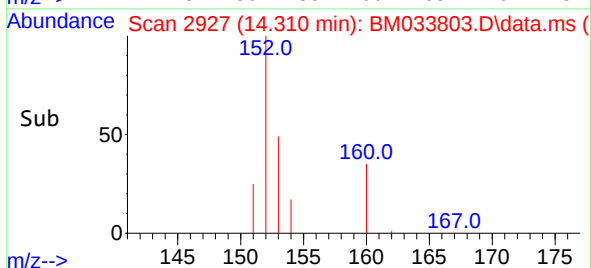
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

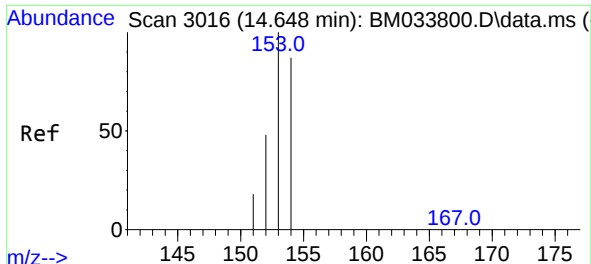


#10
Acenaphthylene
Concen: 1.118 ng/ul
RT: 14.310 min Scan# 2927
Delta R.T. 0.000 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



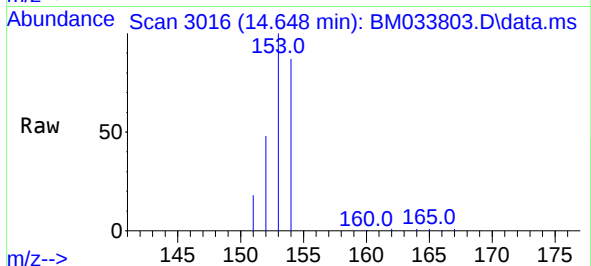
Tgt Ion:152 Resp: 49193
Ion Ratio Lower Upper
152 100
151 25.3 19.9 29.9
153 49.0 15.0 22.4#





#11
Acenaphthene
Concen: 4.392 ng/ul
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

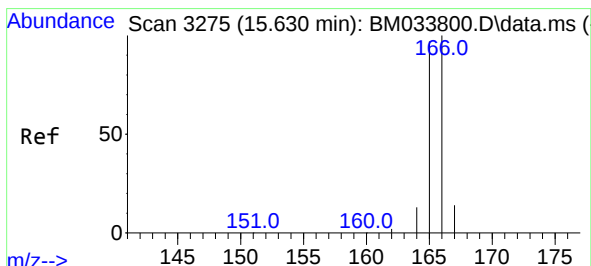
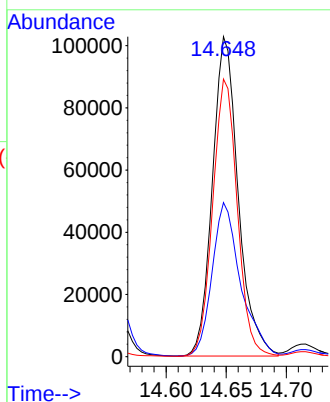
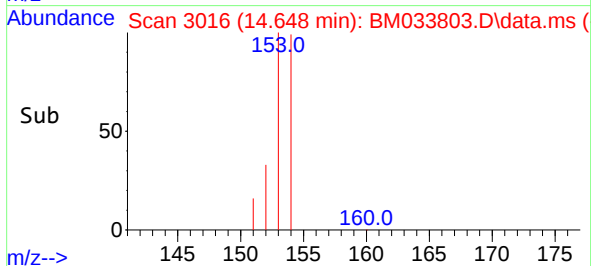
Instrument :
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ClientSampleId :
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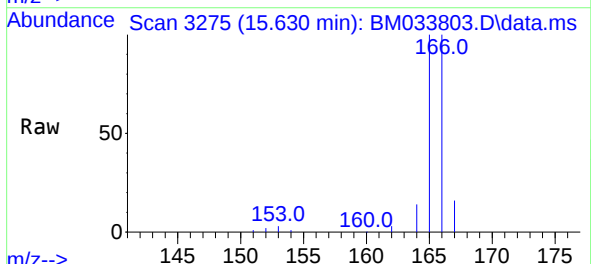
Tgt Ion:153 Resp: 154108
Ion Ratio Lower Upper
153 100
152 48.1 42.4 63.6
154 86.8 66.2 99.2

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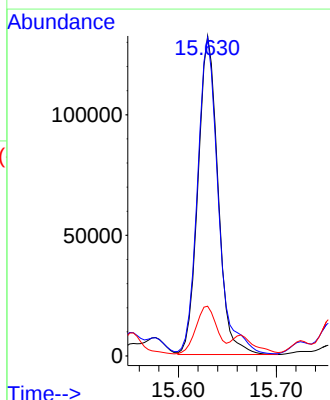
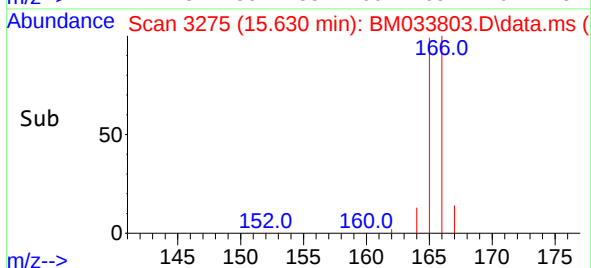
Reviewed By :Jagrut Upadhyay 01/24/2022
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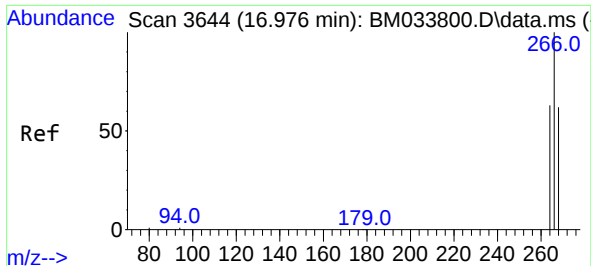


#12
Fluorene
Concen: 4.448 ng/ul
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



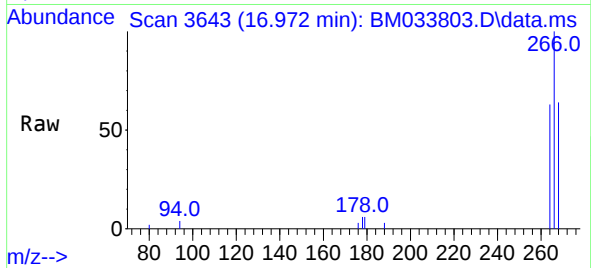
Tgt Ion:166 Resp: 186718
Ion Ratio Lower Upper
166 100
165 99.5 81.1 121.7
167 15.5 14.9 22.3





#14
Pentachlorophenol
Concen: 4.039 ng/u1
RT: 16.972 min Scan# 30
Delta R.T. -0.003 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

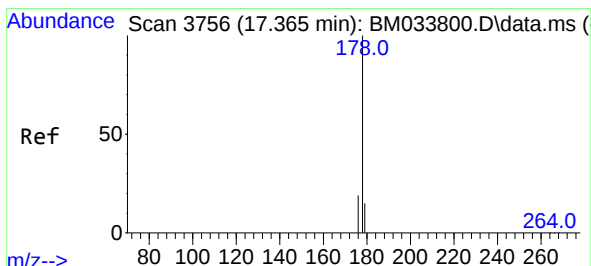
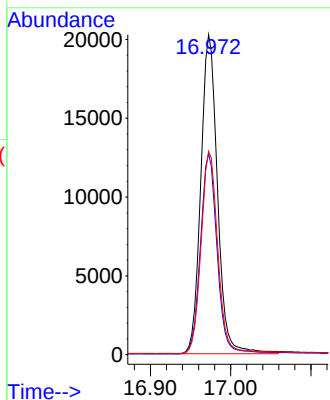
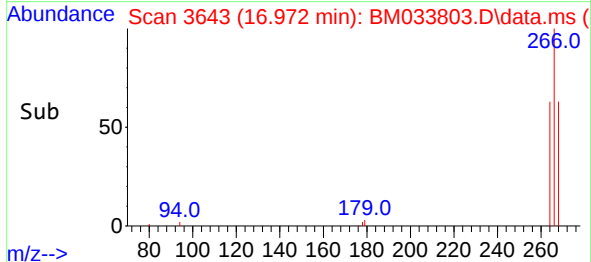
Instrument :
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ClientSampleId :
C0F02



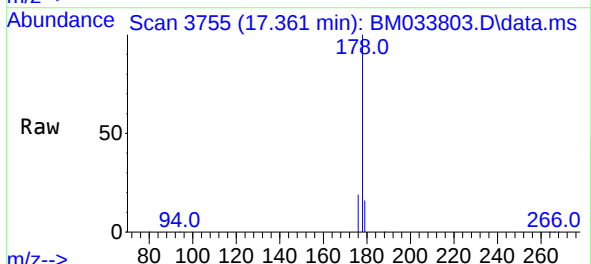
Tgt Ion:266 Resp: 29240
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 63.6 53.1 79.7

Manual Integrations
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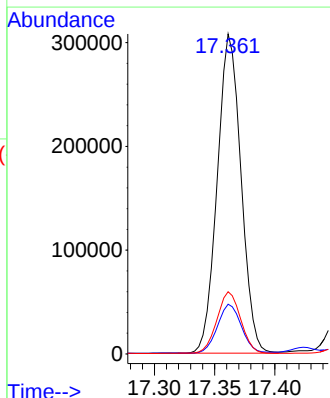
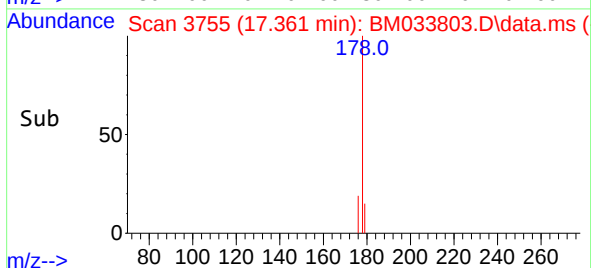
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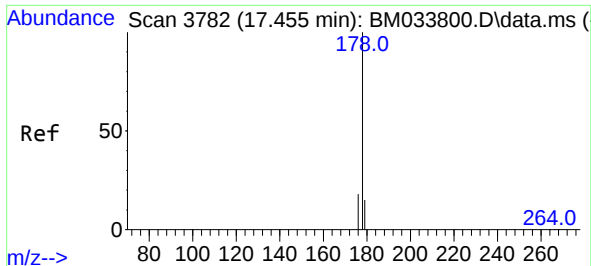


#15
Phenanthrene
Concen: 7.106 ng/u1
RT: 17.361 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



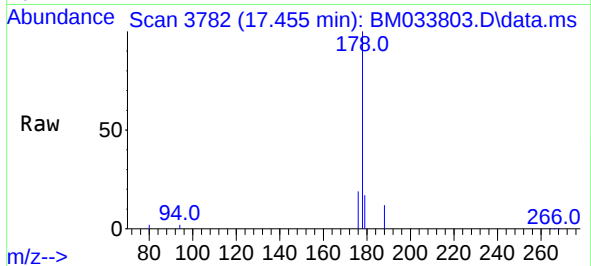
Tgt Ion:178 Resp: 422121
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.5 17.9 26.9





#16
 Anthracene
 Concen: 0.905 ng/u1
 RT: 17.455 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM033803.D
 Acq: 21 Jan 2022 00:19

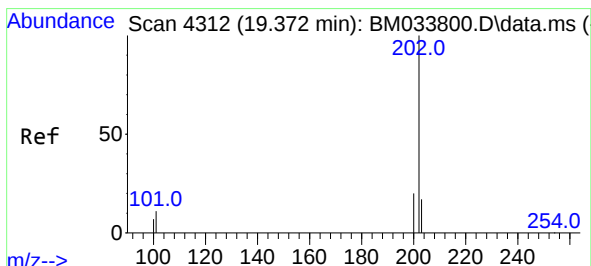
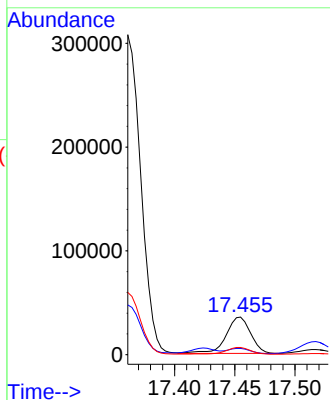
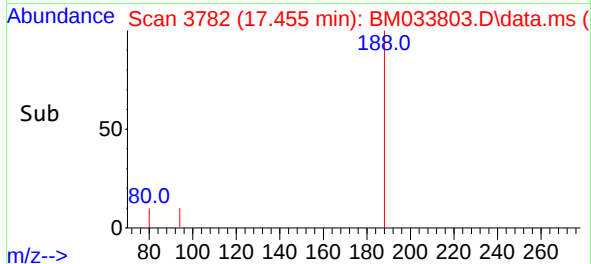
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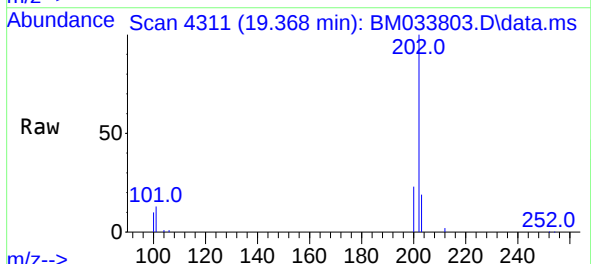
Tgt Ion:178 Resp: 4933
 Ion Ratio Lower Upper
 178 100
 179 16.8 16.5 24.7
 176 19.2 18.3 27.5

Manual Integrations
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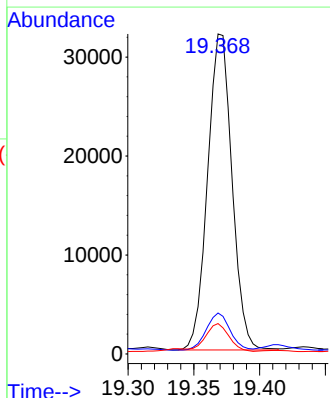
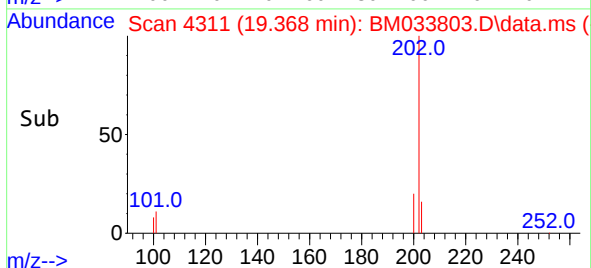
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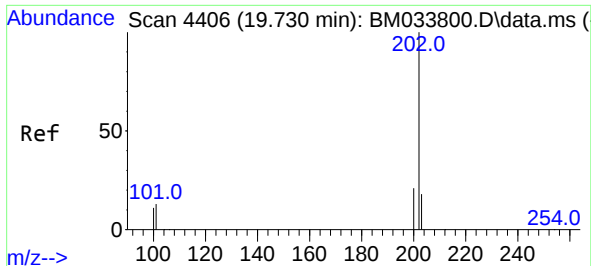


#19
 Fluoranthene
 Concen: 0.765 ng/u1
 RT: 19.368 min Scan# 4311
 Delta R.T. -0.003 min
 Lab File: BM033803.D
 Acq: 21 Jan 2022 00:19



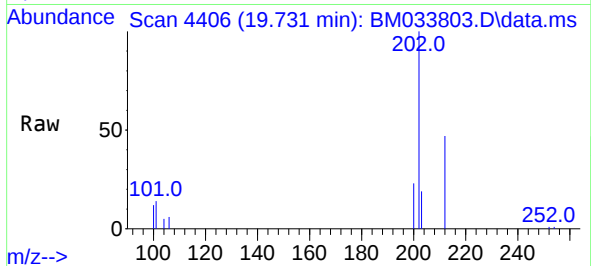
Tgt Ion:202 Resp: 41248
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.2 13.8
 100 9.5 7.2 10.8





#20
Pyrene
Concen: 0.649 ng/ul m
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

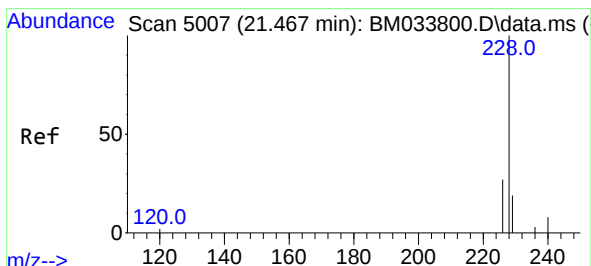
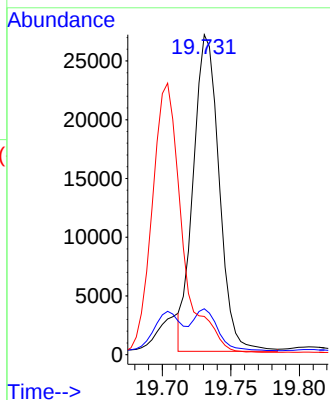
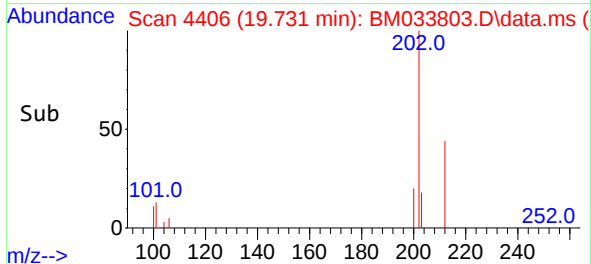
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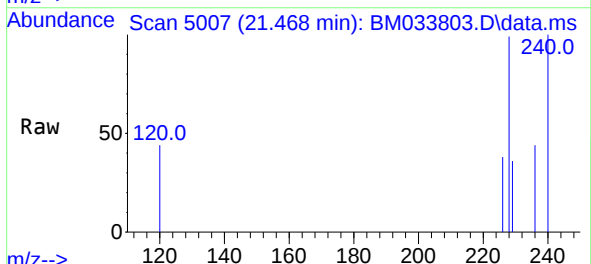
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Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 12.0 7.8 11.6#

Manual Integrations
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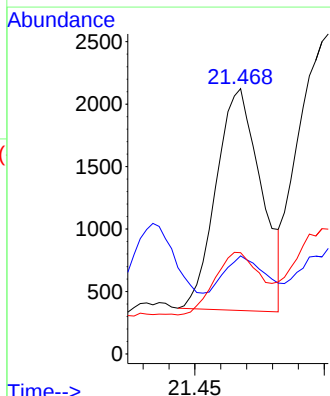
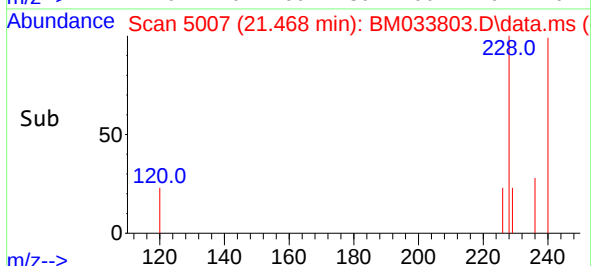
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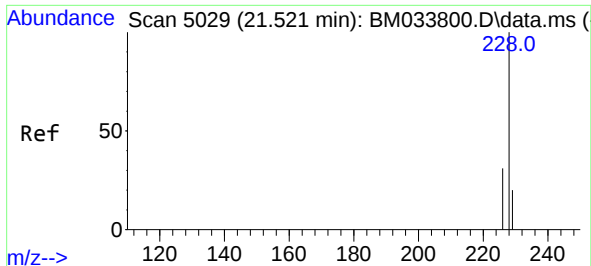


#21
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.468 min Scan# 5007
Delta R.T. -0.002 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



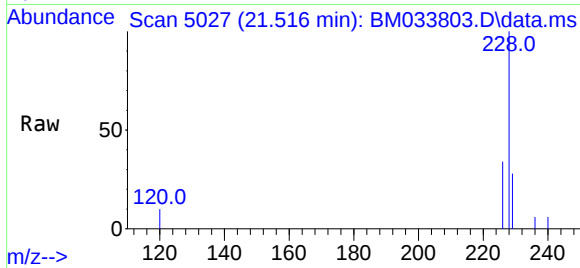
Tgt Ion:228 Resp: 2141
Ion Ratio Lower Upper
228 100
229 37.0 17.3 25.9#
226 38.2 23.2 34.8#





#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.516 min Scan# 5029
Delta R.T. -0.007 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

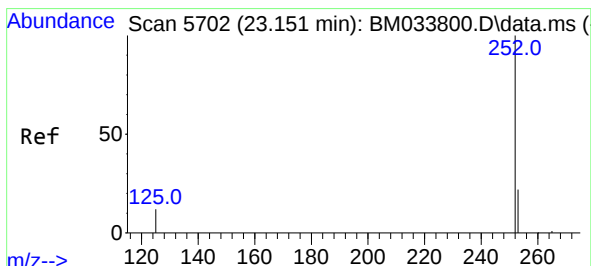
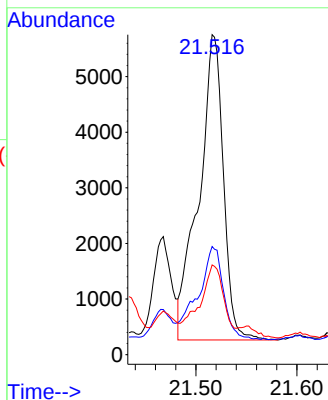
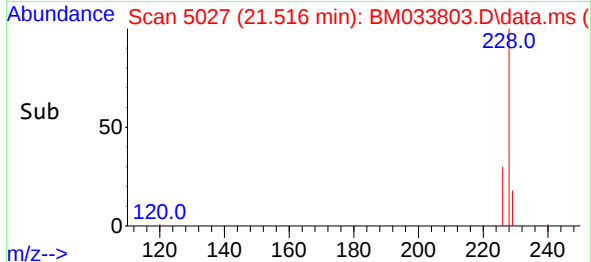
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 9290
Ion Ratio Lower Upper
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226 33.8 25.8 38.8
229 28.0 16.7 25.1

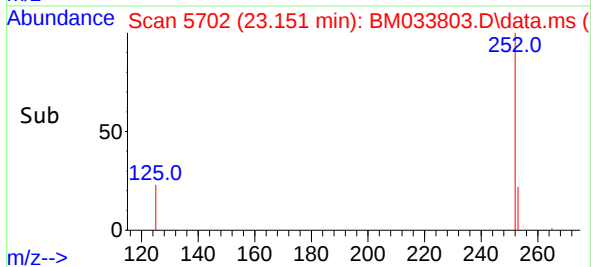
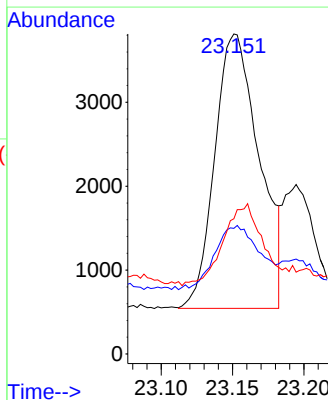
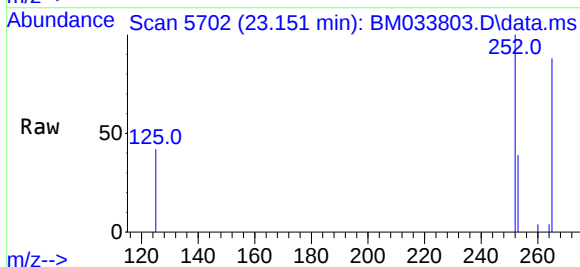
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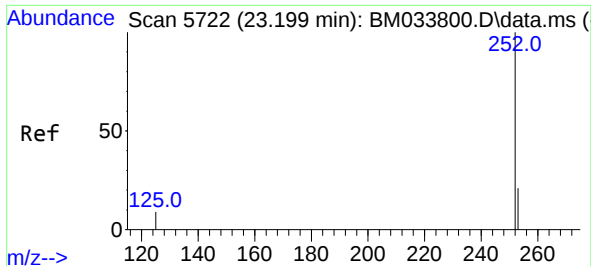
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022



#24
Benzo(b)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.151 min Scan# 5702
Delta R.T. -0.002 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

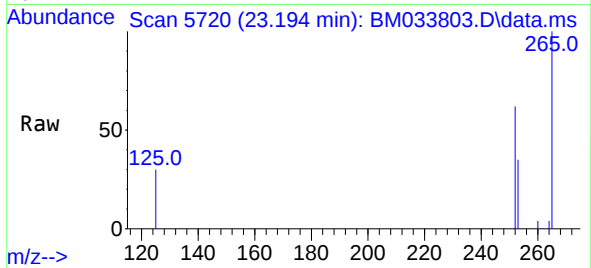
Tgt Ion:252 Resp: 7107
Ion Ratio Lower Upper
252 100
253 39.2 0.0 64.2
125 42.3 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.194 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

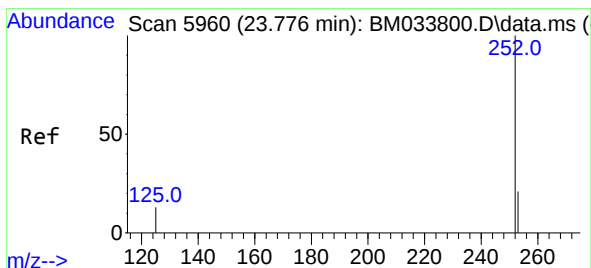
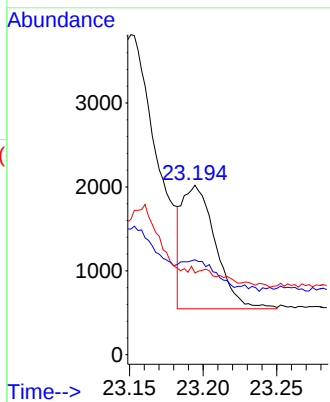
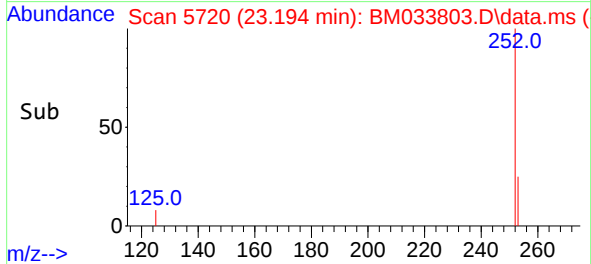
Instrument :
BNA_M
ClientSampleId :
C0F02



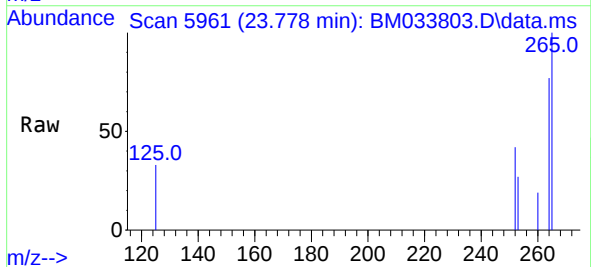
Tgt Ion:252 Resp: 233
Ion Ratio Lower Upper
252 100
253 56.0 26.8 40.2
125 48.2 12.0 18.0

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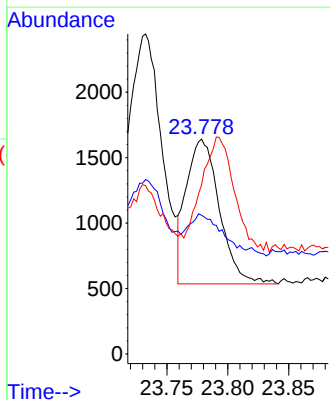
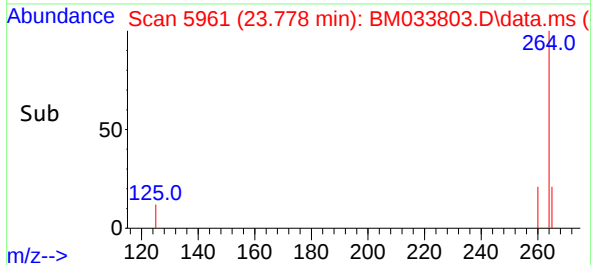
Reviewed By :Jagrut Upadhyay 01/24/2022
Supervised By :mohammad ahmed 01/27/2022

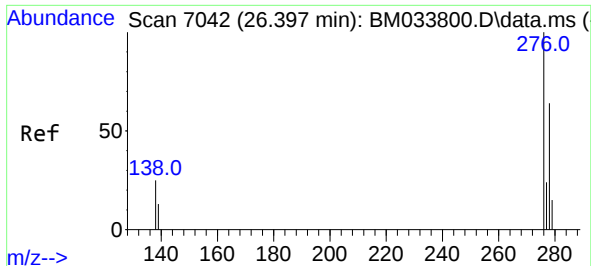


#26
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.778 min Scan# 5961
Delta R.T. -0.002 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



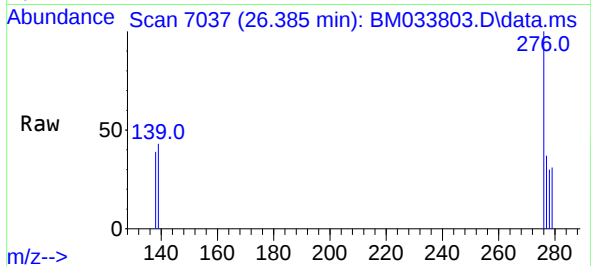
Tgt Ion:252 Resp: 2096
Ion Ratio Lower Upper
252 100
253 64.6 32.0 48.0#
125 78.6 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.385 min Scan# 7037
Delta R.T. -0.012 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

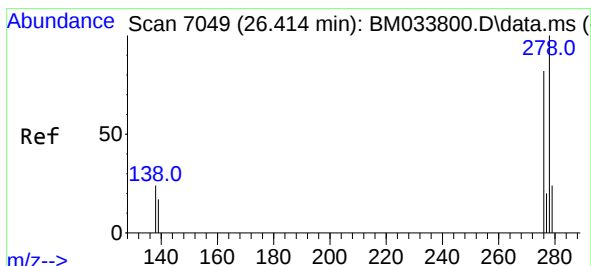
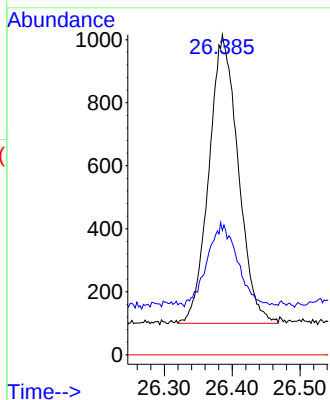
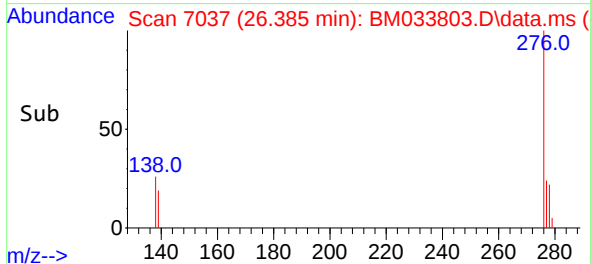
Instrument :
BNA_M
ClientSampleId :
C0F02



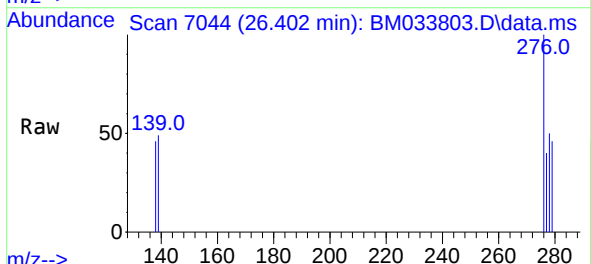
Tgt Ion: 276 Resp: 274
Ion Ratio Lower Upper
276 100
138 30.8 15.8 23.6
227 0.0 0.0 0.0

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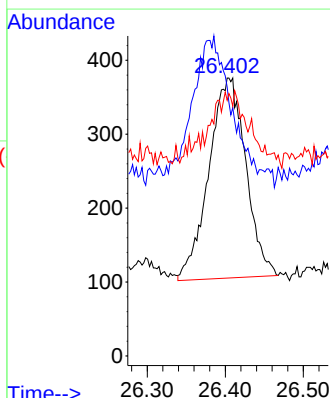
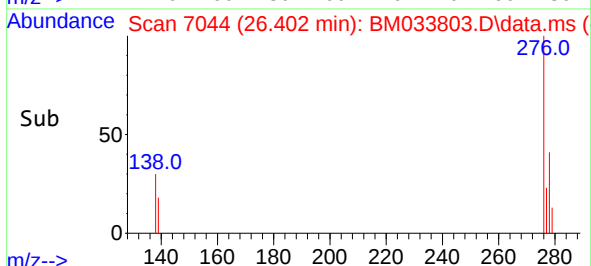
Reviewed By : Jagrut Upadhyay 01/24/2022
Supervised By : mohammad ahmed 01/27/2022

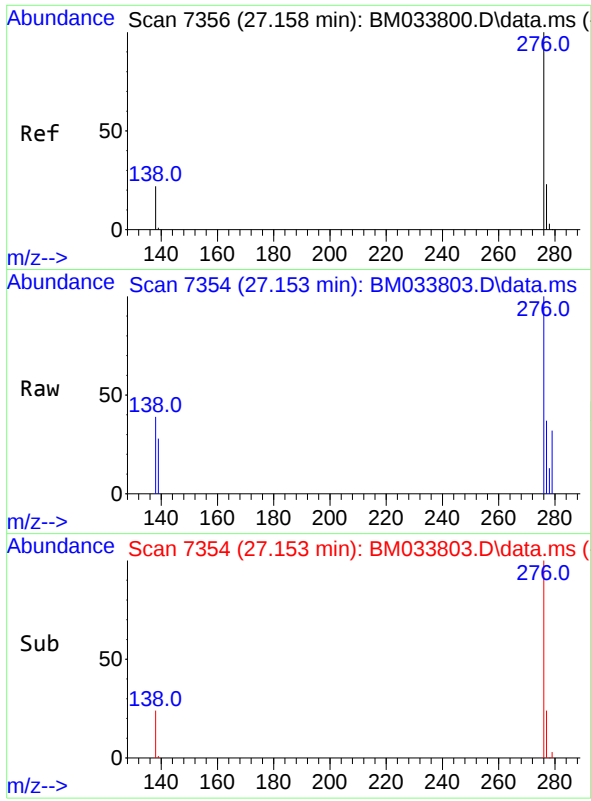


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.402 min Scan# 7044
Delta R.T. -0.017 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19



Tgt Ion: 278 Resp: 892
Ion Ratio Lower Upper
278 100
139 96.8 18.0 27.0#
279 92.0 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 27.153 min Scan# 71
Delta R.T. -0.014 min
Lab File: BM033803.D
Acq: 21 Jan 2022 00:19

Instrument :
BNA_M
ClientSampleId :
C0F02

Tgt Ion:276 Resp: 2638
Ion Ratio Lower Upper
276 100
138 39.1 17.4 26.0
277 37.1 22.6 33.8

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

