

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034778.D
 Acq On : 22 Apr 2022 21:26
 Operator : CG/JU
 Sample : N2374-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 23 03:04:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	5664	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.748	136	14565	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	8580	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	16754	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.488	240	14431	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	17594	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	16567	2.645	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5320	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	13644	0.300	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	6875	0.165	ng/ul#	90
7) 2-Methylnaphthalene	12.404	142	4451	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	5863	0.216	ng/ul	99
10) Acenaphthylene	14.293	152	24573	0.655	ng/ul#	91
11) Acenaphthene	14.635	153	45438	1.432	ng/ul	94
12) Fluorene	15.620	166	56596	1.583	ng/ul	96
14) Pentachlorophenol	16.963	266	149	0.030	ng/ul	96
15) Phenanthrene	17.355	178	1876750	33.884	ng/ul	92
16) Anthracene	17.448	178	157391	3.189	ng/ul#	90
19) Fluoranthene	19.373	202	3637263	52.502	ng/ul#	90
20) Pyrene	19.731	202	2956807	42.496	ng/ul	95
21) Benzo(a)anthracene	21.473	228	1201147	21.394	ng/ul	98
22) Chrysene	21.526	228	1695739	28.330	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	2312045	28.781	ng/ul	84
25) Benzo(k)fluoranthene	23.204	252	799014m	9.954	ng/ul	
26) Benzo(a)pyrene	23.782	252	1381861	21.079	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.373	276	1203713	13.079	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.380	278	272901m	3.644	ng/ul	
29) Benzo(g,h,i)perylene	27.138	276	1020261	12.842	ng/ul	92

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

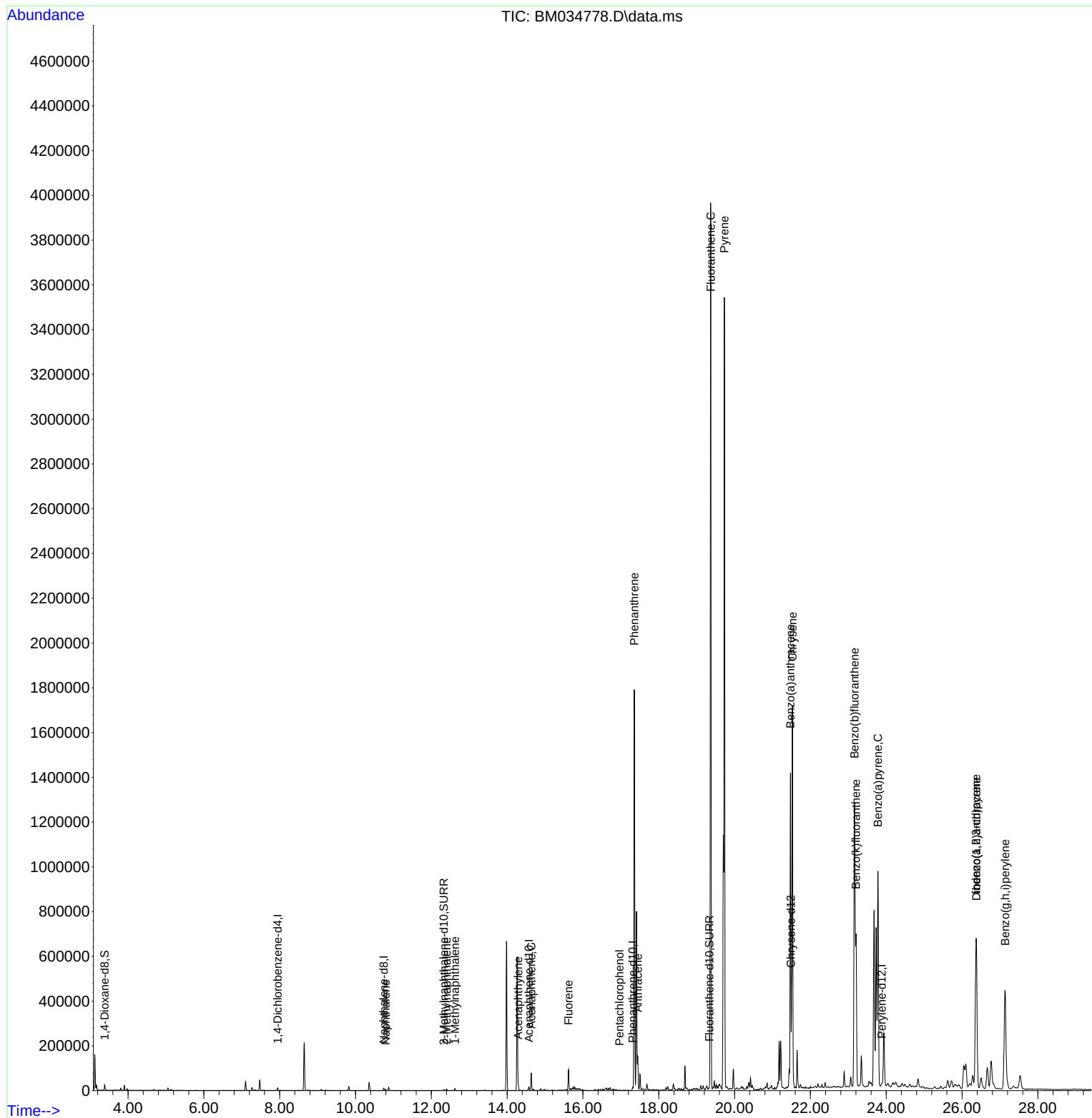
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034778.D
Acq On : 22 Apr 2022 21:26
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ALS Vial : 15 Sample Multiplier: 1

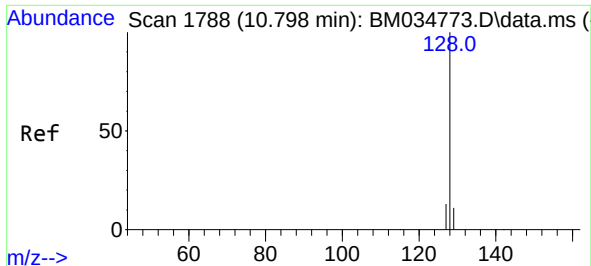
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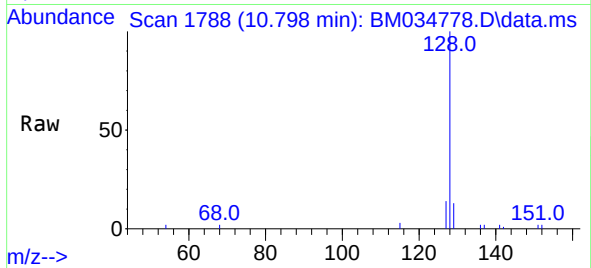
Quant Time: Apr 23 03:04:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.165 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

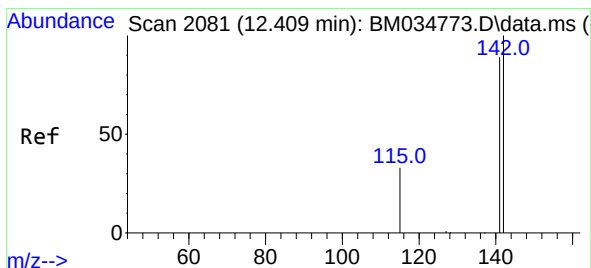
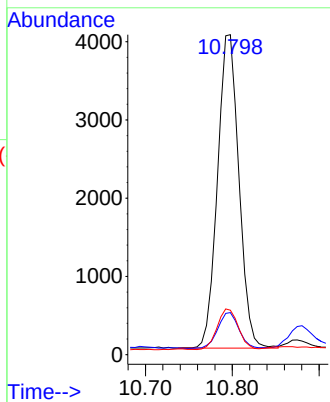
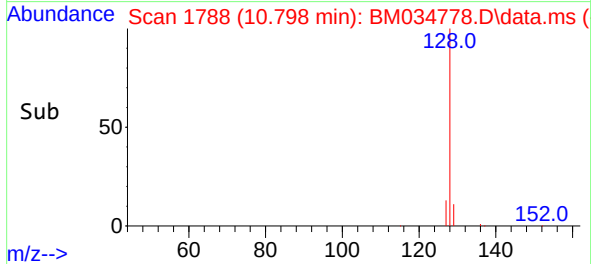
Instrument :
BNA_M
ClientSampleId :
BFFD9



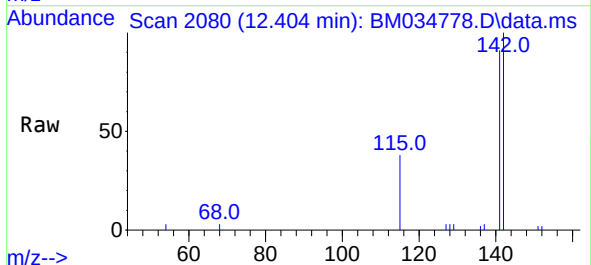
Tgt Ion:128 Resp: 6875
Ion Ratio Lower Upper
128 100
129 13.2 13.4 20.2
127 13.9 15.2 22.8

Manual Integrations
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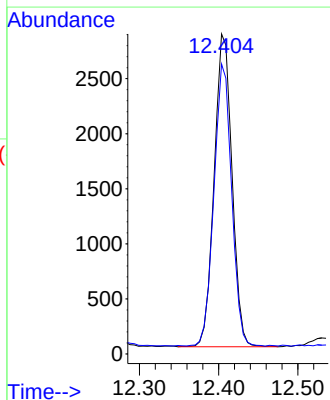
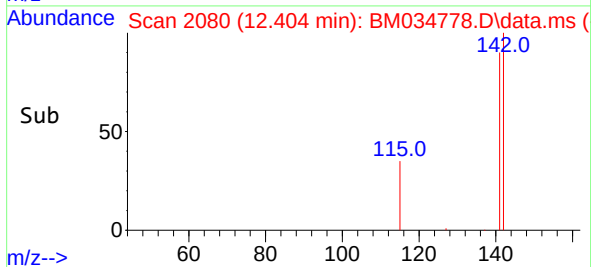
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

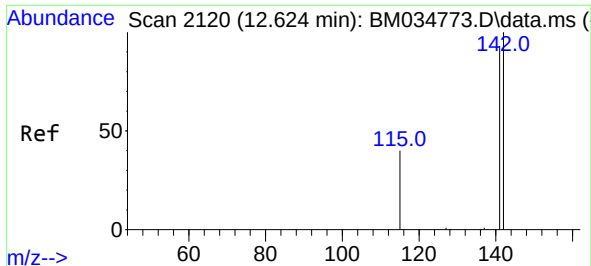


#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



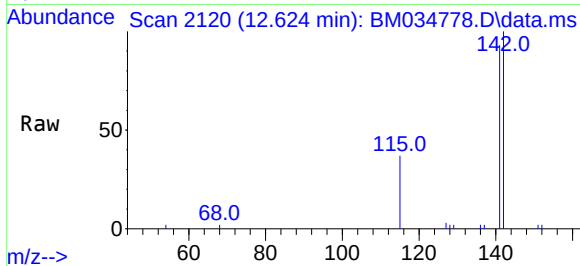
Tgt Ion:142 Resp: 4451
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

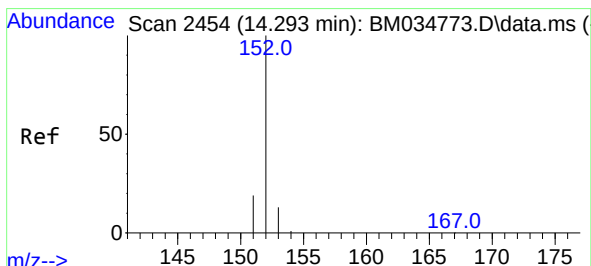
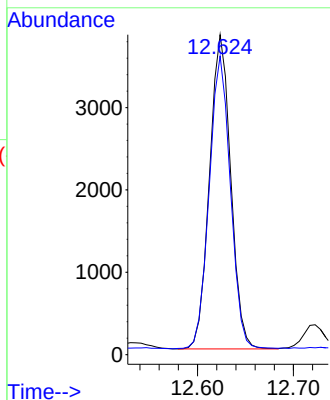
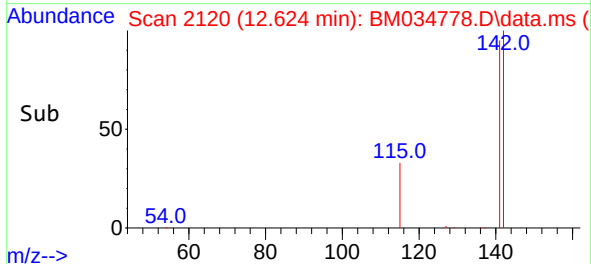
Instrument :
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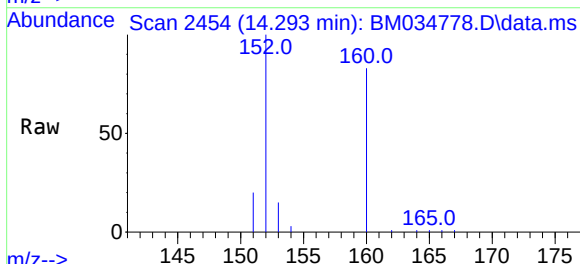
Tgt Ion:142 Resp: 586
Ion Ratio Lower Upper
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141 93.0 75.0 112.4

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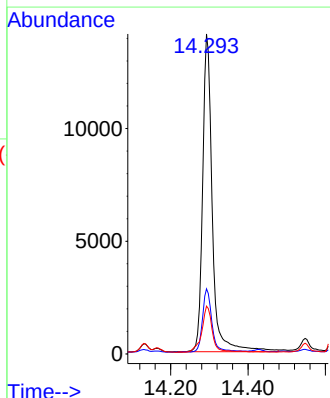
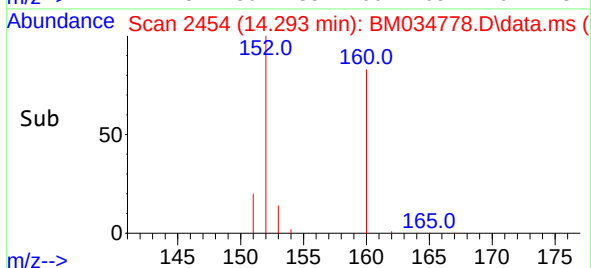
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

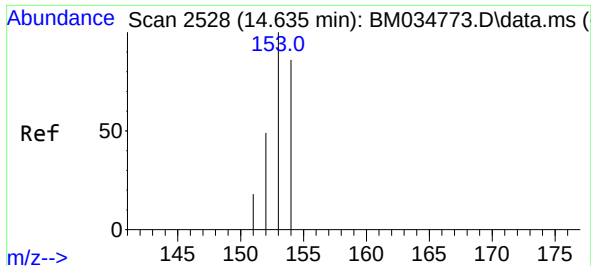


#10
Acenaphthylene
Concen: 0.655 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



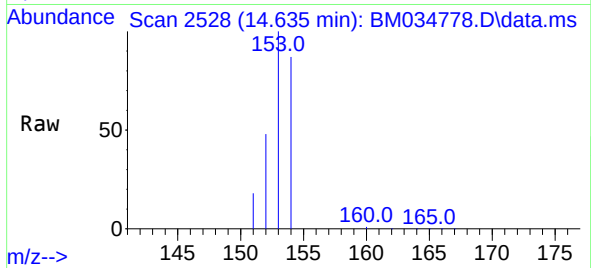
Tgt Ion:152 Resp: 24573
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 14.9 15.0 22.4#





#11
Acenaphthene
Concen: 1.432 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

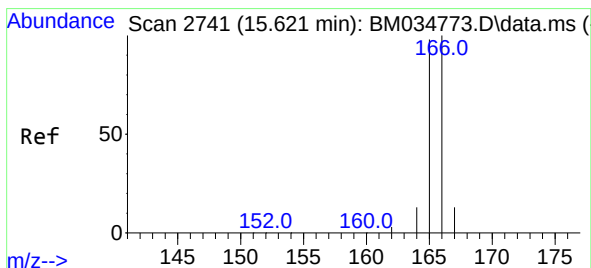
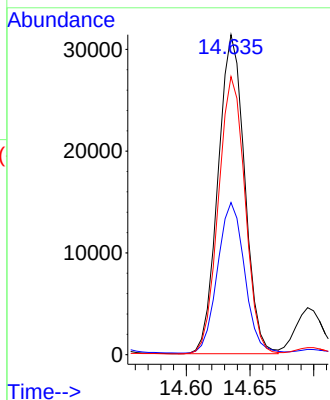
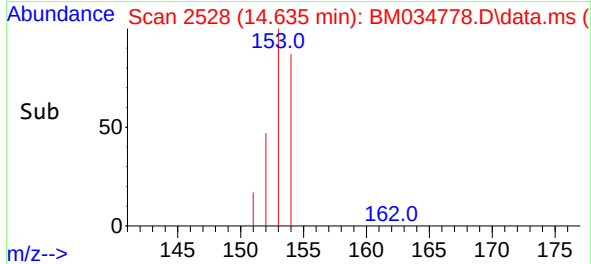
Instrument :
BNA_M
ClientSampleId :
BFFD9



Tgt Ion:153 Resp: 45438
Ion Ratio Lower Upper
153 100
152 47.5 42.4 63.6
154 86.9 66.2 99.2

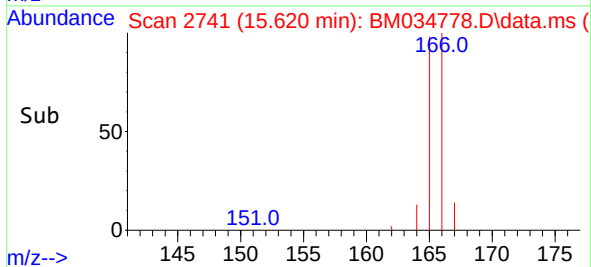
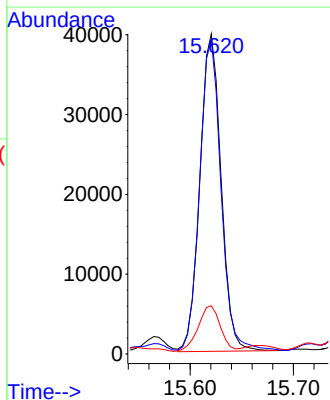
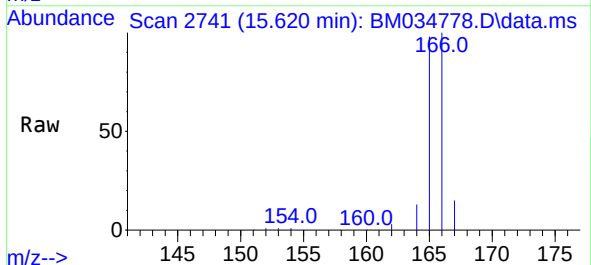
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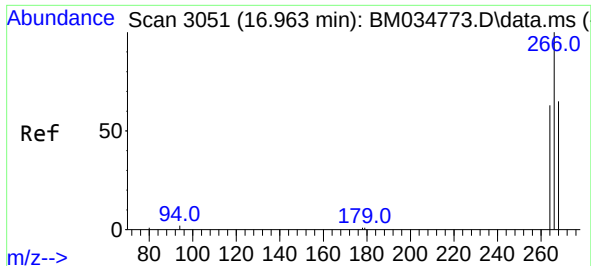
Reviewed By :Jagrut Upadhyay 04/25/2022
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#12
Fluorene
Concen: 1.583 ng/u1
RT: 15.620 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

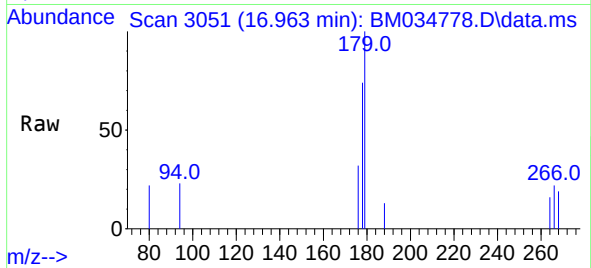
Tgt Ion:166 Resp: 56596
Ion Ratio Lower Upper
166 100
165 98.2 81.1 121.7
167 15.0 14.9 22.3





#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

Instrument :
BNA_M
ClientSampleId :
BFFD9

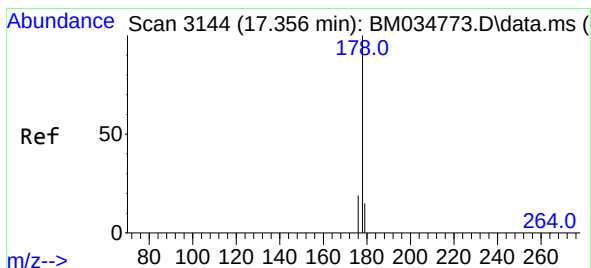
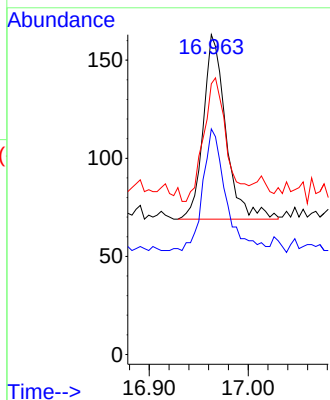
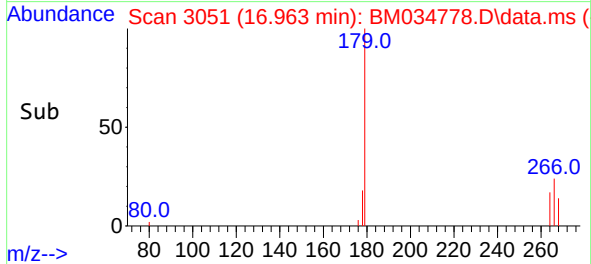


Tgt Ion:266 Resp: 149

Ion	Ratio	Lower	Upper
266	100		
264	68.5	51.4	77.0
268	68.5	53.1	79.7

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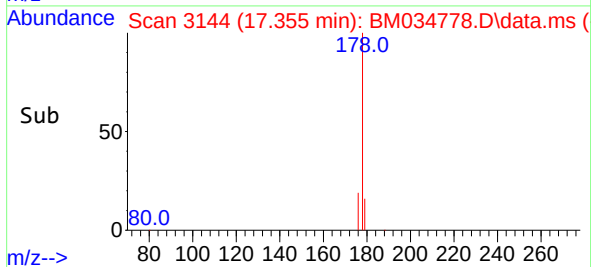
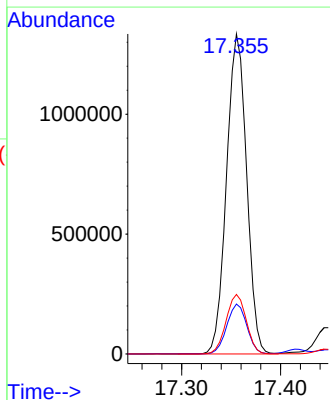
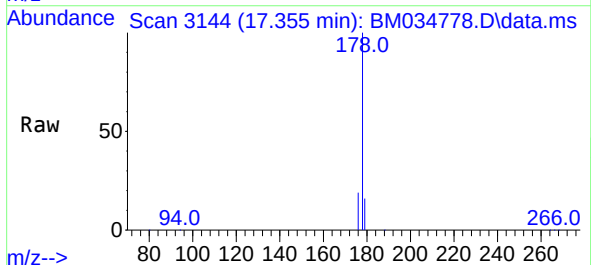
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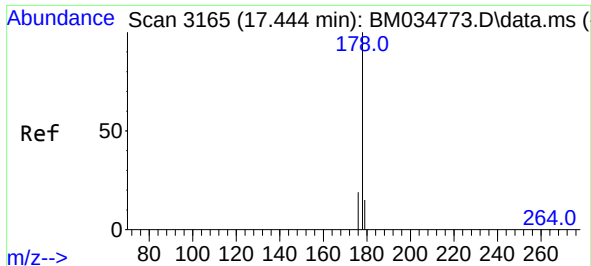


#15
Phenanthrene
Concen: 33.884 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

Tgt Ion:178 Resp: 1876750

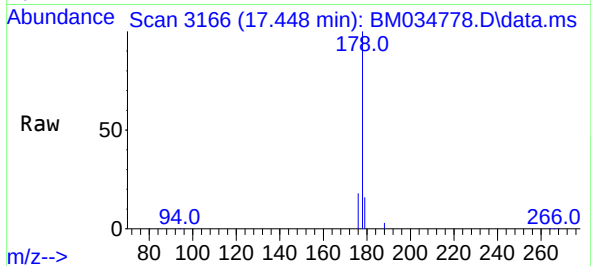
Ion	Ratio	Lower	Upper
178	100		
179	15.6	15.0	22.6
176	18.6	17.9	26.9





#16
 Anthracene
 Concen: 3.189 ng/u1
 RT: 17.448 min Scan# 3165
 Delta R.T. 0.001 min
 Lab File: BM034778.D
 Acq: 22 Apr 2022 21:26

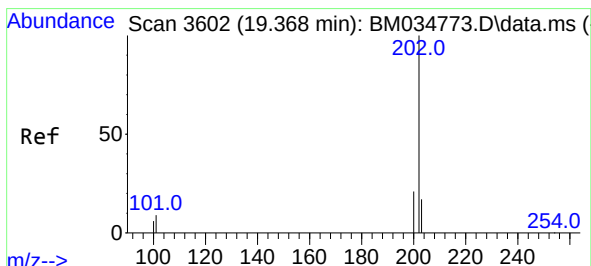
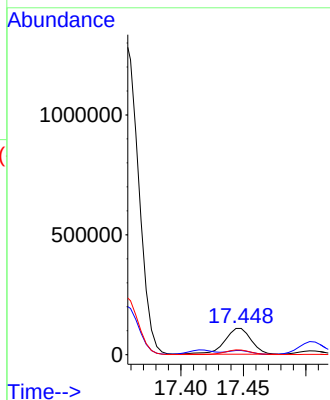
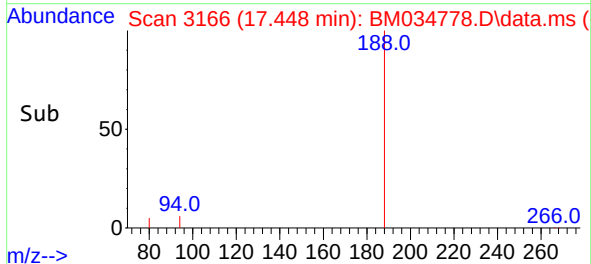
Instrument :
 BNA_M
 ClientSampleId :
 BFFD9



Tgt Ion:178 Resp: 15739
 Ion Ratio Lower Upper
 178 100
 179 15.9 16.5 24.7
 176 17.9 18.3 27.5

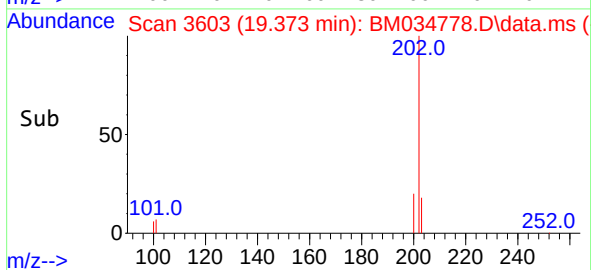
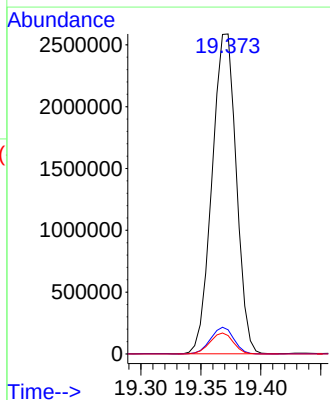
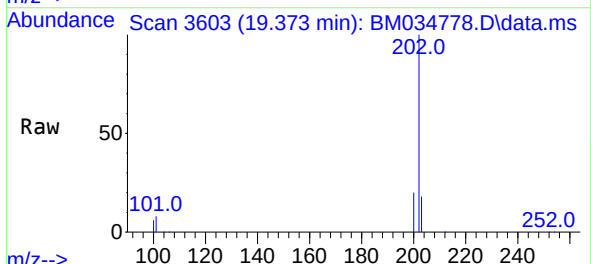
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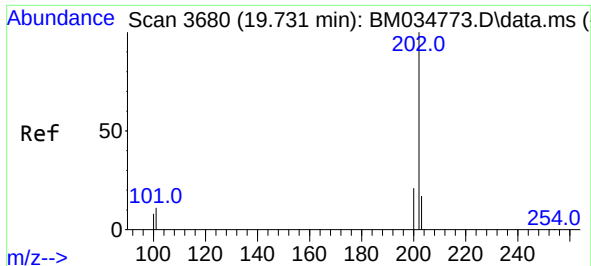
Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022



#19
 Fluoranthene
 Concen: 52.502 ng/u1
 RT: 19.373 min Scan# 3603
 Delta R.T. 0.006 min
 Lab File: BM034778.D
 Acq: 22 Apr 2022 21:26

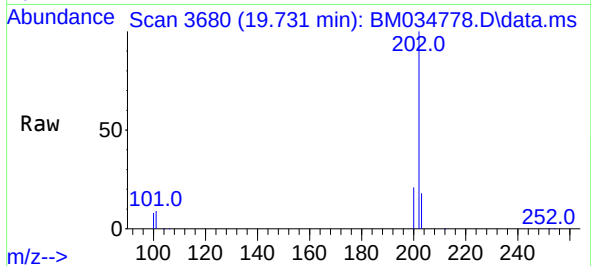
Tgt Ion:202 Resp: 3637263
 Ion Ratio Lower Upper
 202 100
 101 7.5 9.2 13.8#
 100 5.8 7.2 10.8#





#20
Pyrene
Concen: 42.496 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

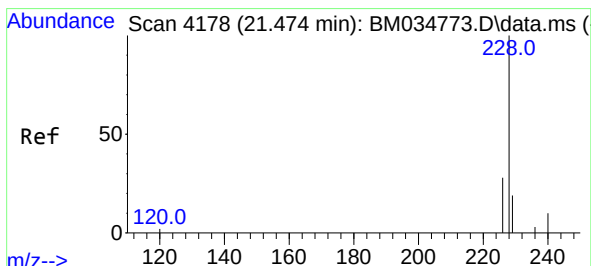
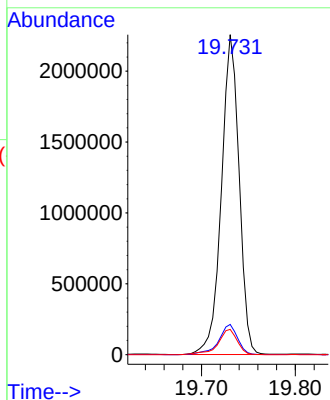
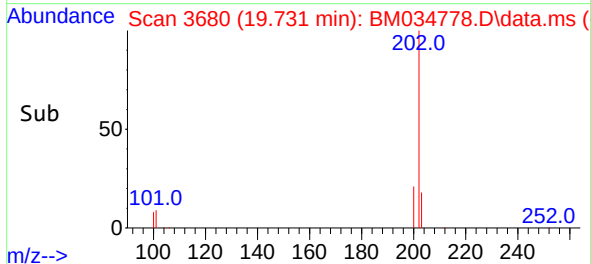
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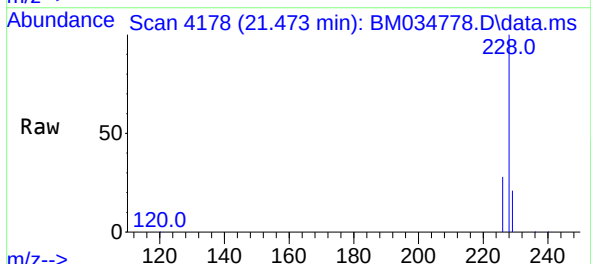
Tgt Ion:202 Resp: 295680
Ion Ratio Lower Upper
202 100
101 9.4 9.3 13.9
100 7.9 7.8 11.6

Manual Integrations
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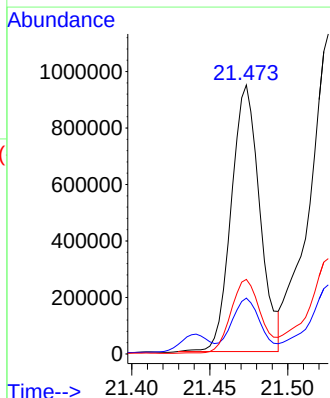
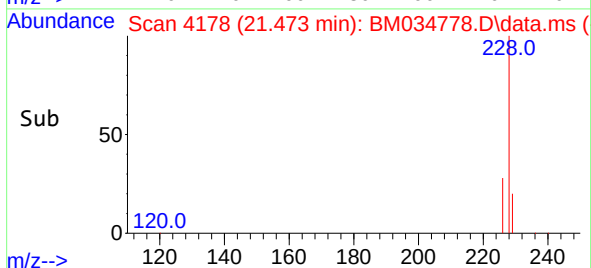
Reviewed By :Jagrut Upadhyay 04/25/2022
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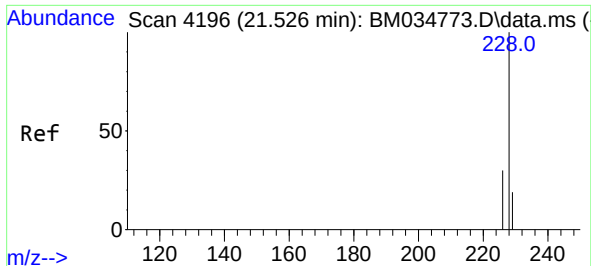


#21
Benzo(a)anthracene
Concen: 21.394 ng/ul
RT: 21.473 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



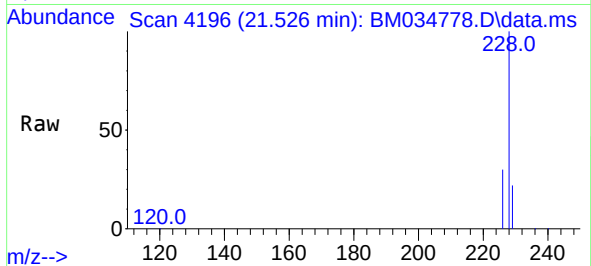
Tgt Ion:228 Resp: 1201147
Ion Ratio Lower Upper
228 100
229 20.7 17.3 25.9
226 27.7 23.2 34.8





#22
Chrysene
Concen: 28.330 ng/u1
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

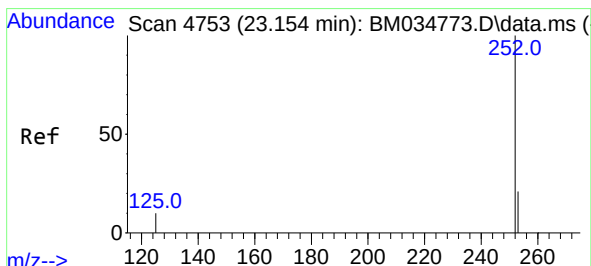
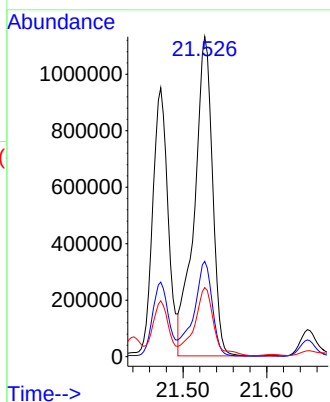
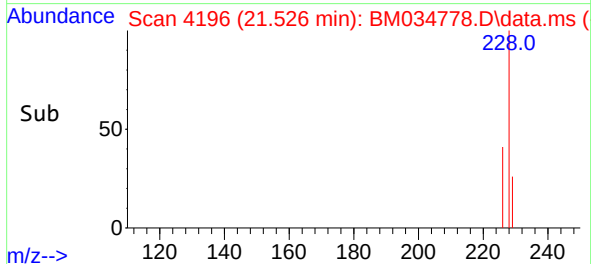
Instrument :
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BFFD9



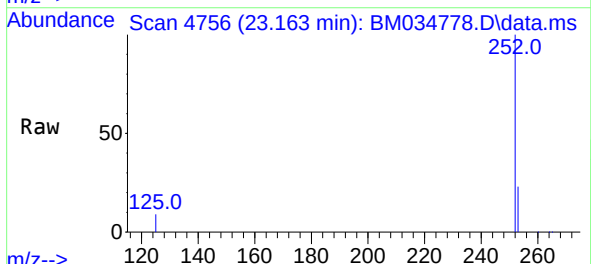
Tgt Ion:228 Resp: 1695739
Ion Ratio Lower Upper
228 100
226 29.8 25.8 38.8
229 21.6 16.7 25.1

Manual Integrations
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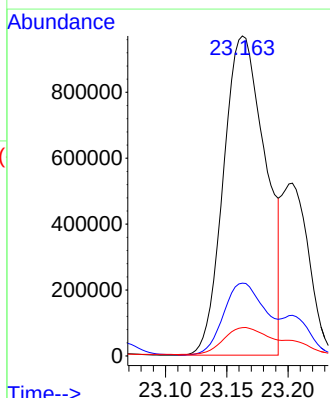
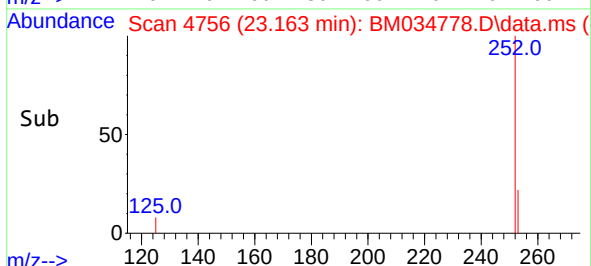
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

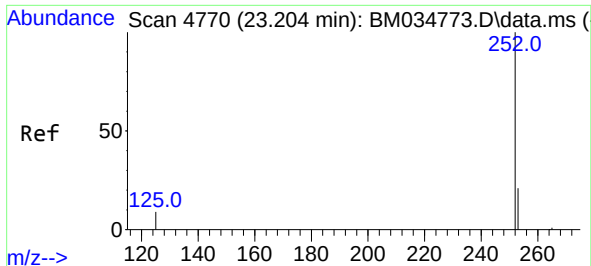


#24
Benzo(b)fluoranthene
Concen: 28.781 ng/u1
RT: 23.163 min Scan# 4756
Delta R.T. 0.010 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



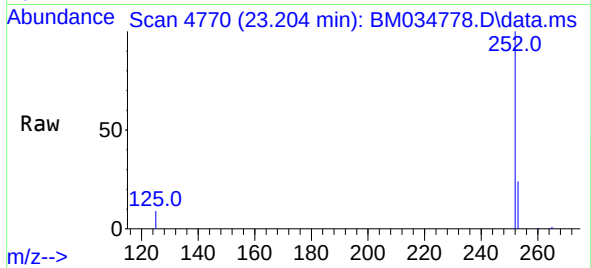
Tgt Ion:252 Resp: 2312045
Ion Ratio Lower Upper
252 100
253 22.8 0.0 64.2
125 8.8 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 9.954 ng/ul m
RT: 23.204 min Scan# 41
Delta R.T. 0.002 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

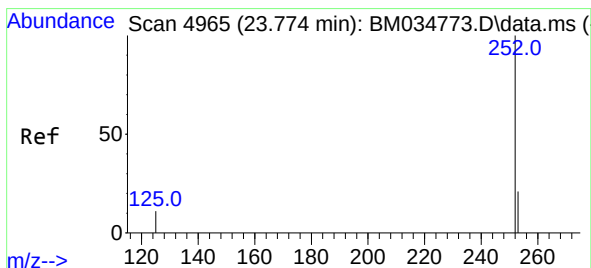
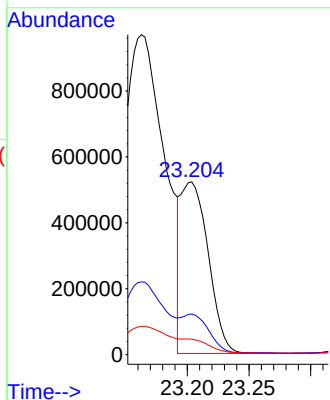
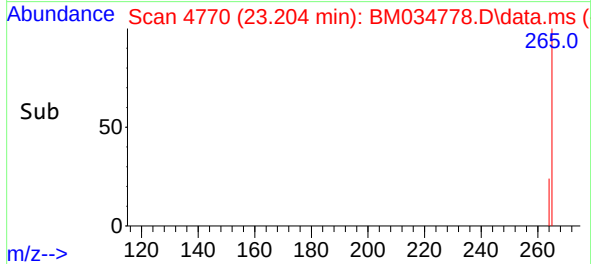
Instrument :
BNA_M
ClientSampleId :
BFFD9



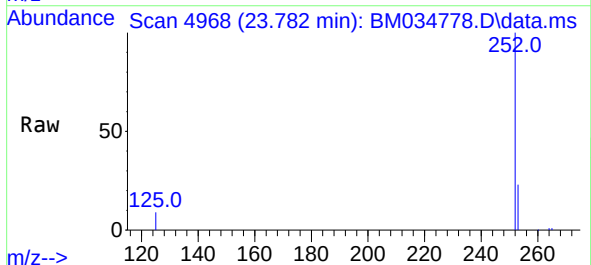
Tgt Ion:252 Resp: 799014
Ion Ratio Lower Upper
252 100
253 23.5 26.8 40.2
125 9.0 12.0 18.0

Manual Integrations
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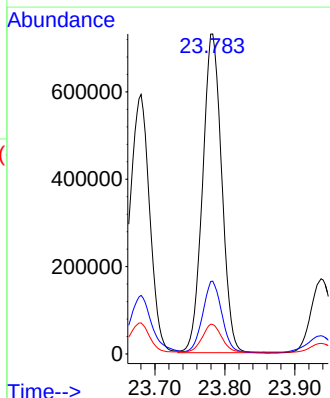
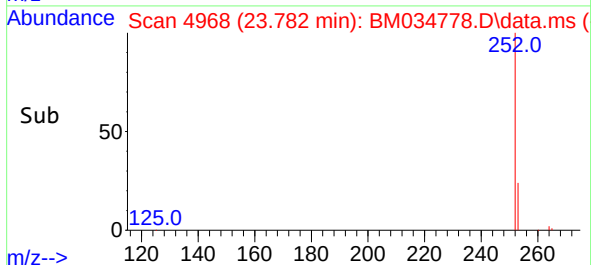
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

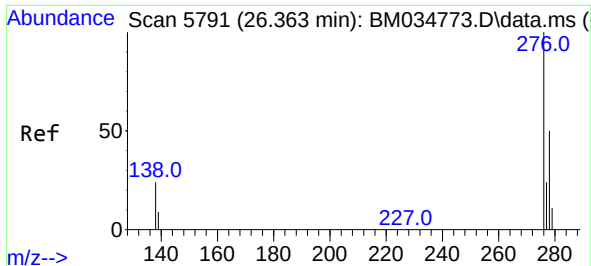


#26
Benzo(a)pyrene
Concen: 21.079 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. 0.007 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



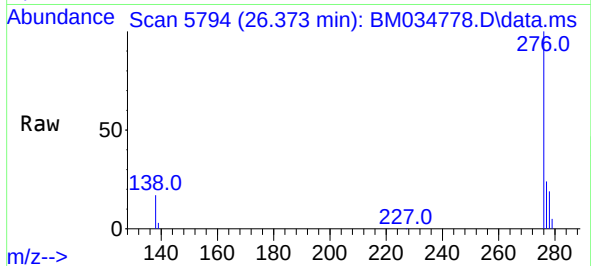
Tgt Ion:252 Resp: 1381861
Ion Ratio Lower Upper
252 100
253 22.7 32.0 48.0#
125 9.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 13.079 ng/ul
RT: 26.373 min Scan# 5794
Delta R.T. 0.012 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

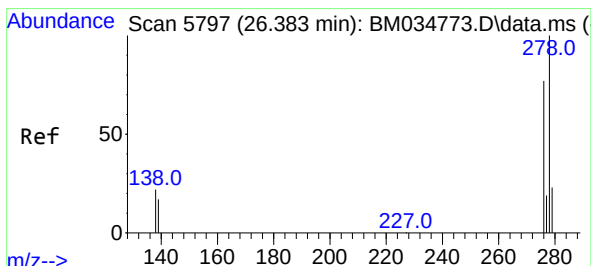
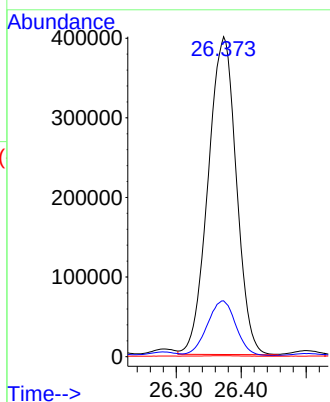
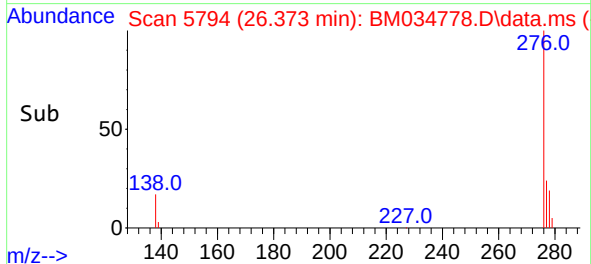
Instrument :
BNA_M
ClientSampleId :
BFFD9



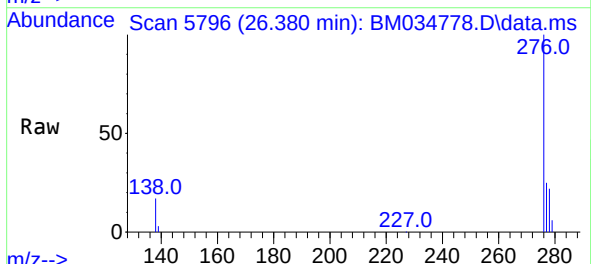
Tgt Ion:276 Resp: 120371
Ion Ratio Lower Upper
276 100
138 17.5 15.8 23.6
227 0.2 0.0 0.0

Manual Integrations
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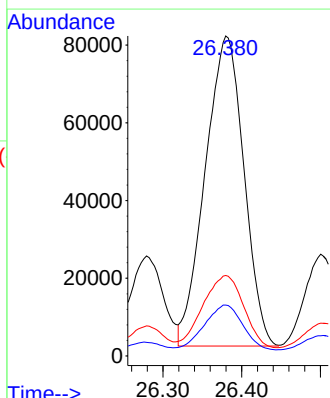
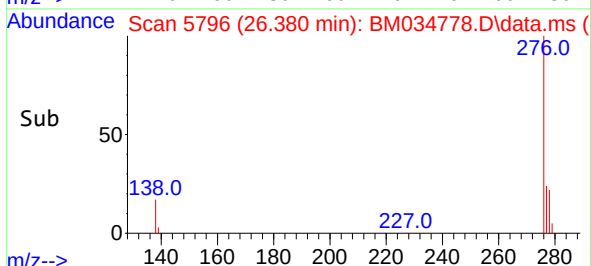
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

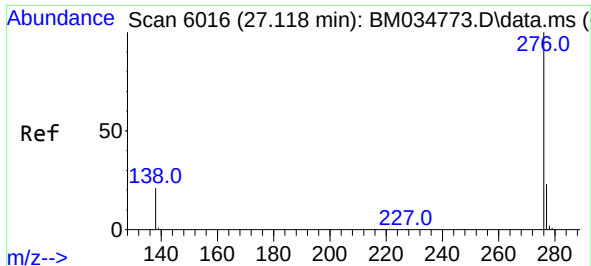


#28
Dibenzo(a,h)anthracene
Concen: 3.644 ng/ul m
RT: 26.380 min Scan# 5796
Delta R.T. -0.005 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26



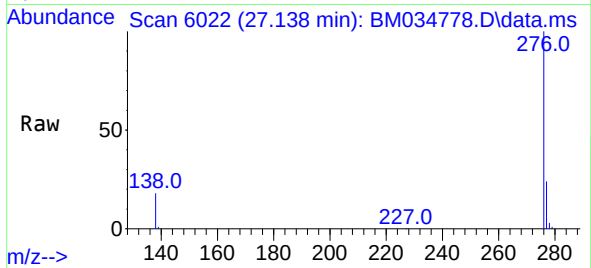
Tgt Ion:278 Resp: 272901
Ion Ratio Lower Upper
278 100
139 15.9 18.0 27.0#
279 25.2 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 12.842 ng/ul
RT: 27.138 min Scan# 6016
Delta R.T. 0.019 min
Lab File: BM034778.D
Acq: 22 Apr 2022 21:26

Instrument :
BNA_M
ClientSampleId :
BFFD9



Tgt Ion:276 Resp: 102026
Ion Ratio Lower Upper
276 100
138 17.7 17.4 26.0
277 23.9 22.6 33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

