

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034780.D
 Acq On : 22 Apr 2022 22:38
 Operator : CG/JU
 Sample : N2374-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFE3

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:10:17 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	7164	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.749	136	16823	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	9473	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	17564	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.491	240	15117	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	20349	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	21001	2.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5630	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11941	0.250	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	10400	0.216	ng/ul#	89
7) 2-Methylnaphthalene	12.409	142	5666	0.177	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	6515	0.207	ng/ul	100
10) Acenaphthylene	14.293	152	41888	1.012	ng/ul#	90
11) Acenaphthene	14.635	153	13824	0.395	ng/ul	95
12) Fluorene	15.621	166	25830	0.655	ng/ul	97
14) Pentachlorophenol	16.963	266	168	0.032	ng/ul	98
15) Phenanthrene	17.356	178	666702	11.482	ng/ul	92
16) Anthracene	17.444	178	101045	1.953	ng/ul#	90
19) Fluoranthene	19.368	202	2160145	29.765	ng/ul#	92
20) Pyrene	19.731	202	1875335	25.730	ng/ul#	94
21) Benzo(a)anthracene	21.474	228	1002037	17.038	ng/ul	99
22) Chrysene	21.526	228	1547994	24.688	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	2714777	29.219	ng/ul	85
25) Benzo(k)fluoranthene	23.204	252	1020865m	10.996	ng/ul	
26) Benzo(a)pyrene	23.783	252	1707341	22.518	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.376	276	1761479	16.549	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.383	278	388792m	4.488	ng/ul	
29) Benzo(g,h,i)perylene	27.138	276	1551183	16.881	ng/ul	93

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

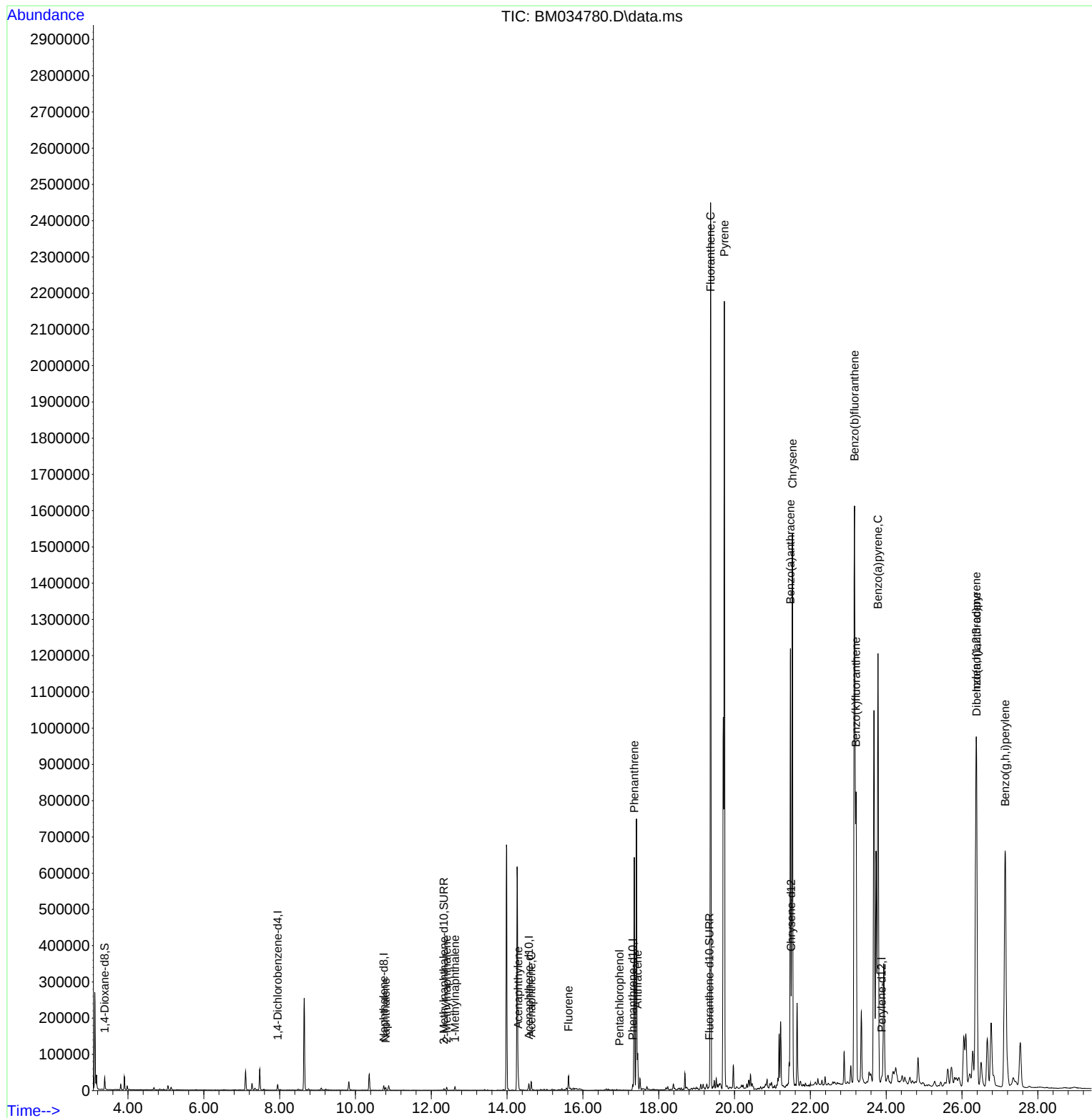
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034780.D
Acq On : 22 Apr 2022 22:38
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ALS Vial : 17 Sample Multiplier: 1

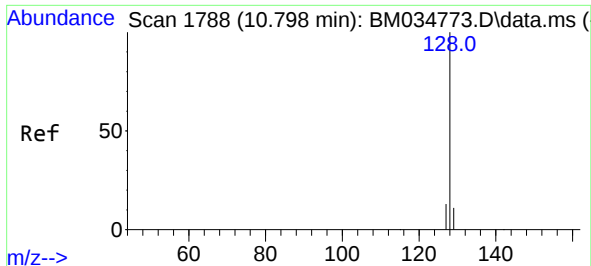
Instrument :
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Supervised By :mohammad ahmed 04/26/2022

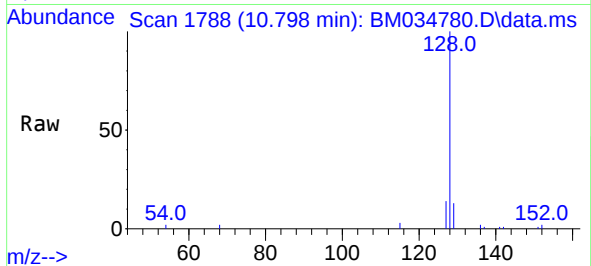
Quant Time: Apr 23 03:10:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.216 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

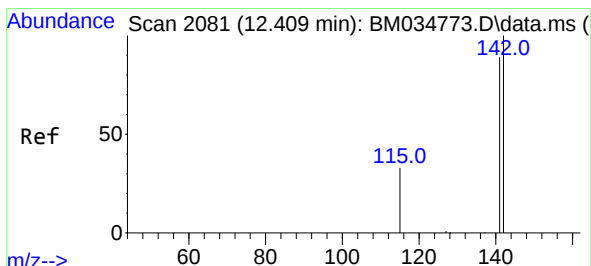
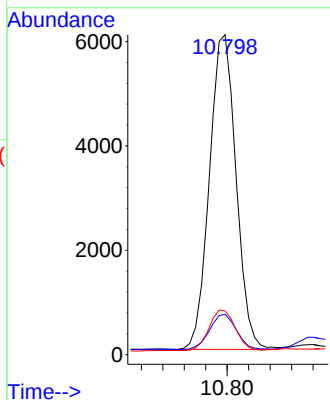
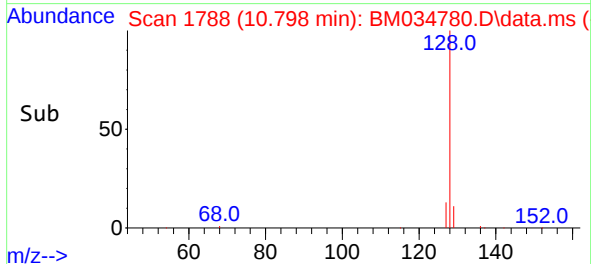
Instrument :
BNA_M
ClientSampleId :
BFFE3



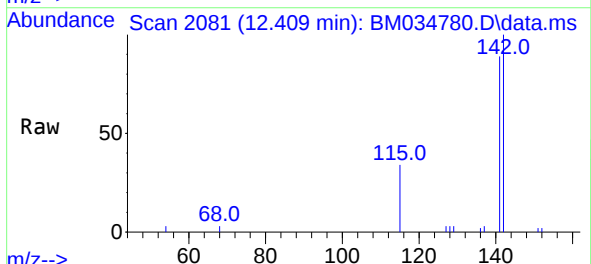
Tgt Ion:128 Resp: 10400
Ion Ratio Lower Upper
128 100
129 12.7 13.4 20.2
127 13.7 15.2 22.8

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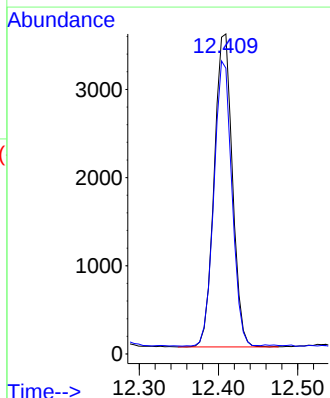
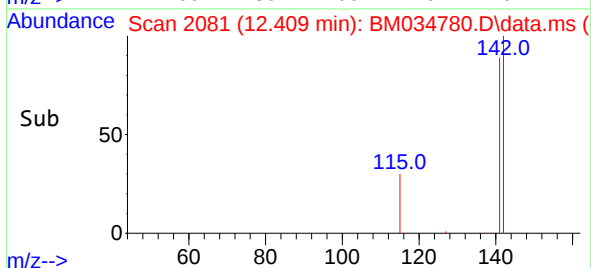
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

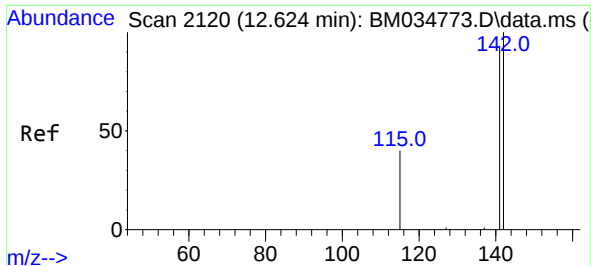


#7
2-Methylnaphthalene
Concen: 0.177 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



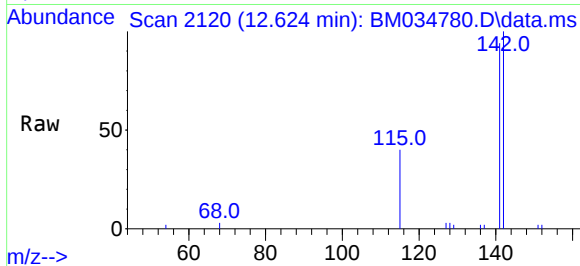
Tgt Ion:142 Resp: 5666
Ion Ratio Lower Upper
142 100
141 90.0 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.207 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

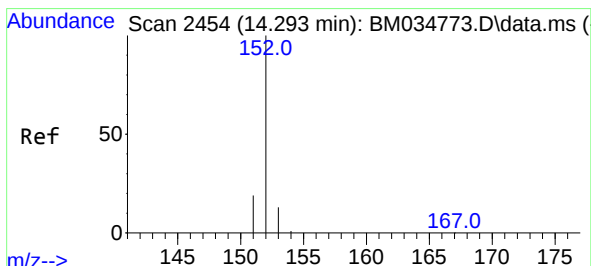
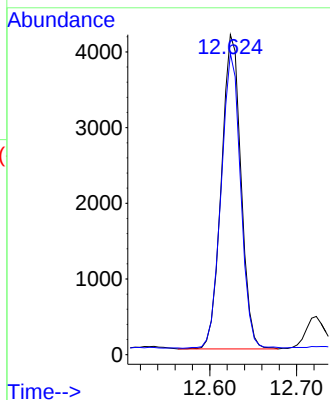
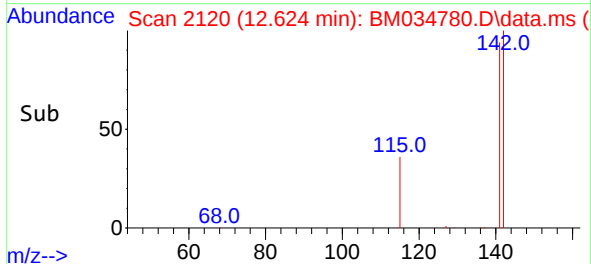
Instrument :
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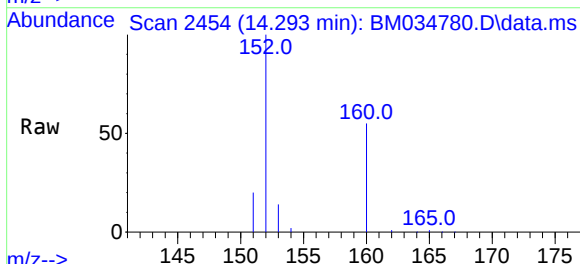
Tgt Ion:142 Resp: 651
Ion Ratio Lower Upper
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141 93.4 75.0 112.4

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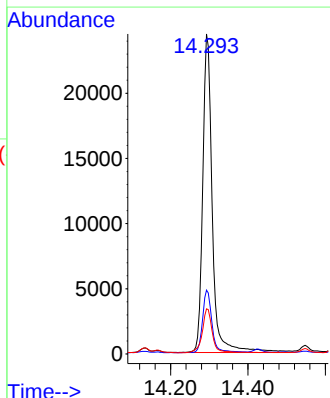
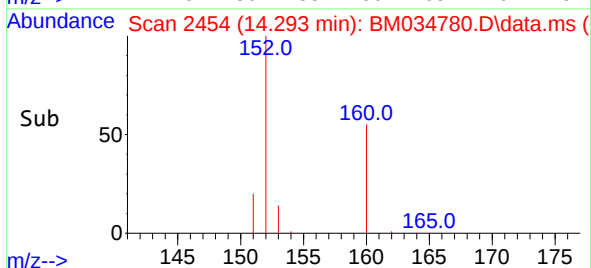
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

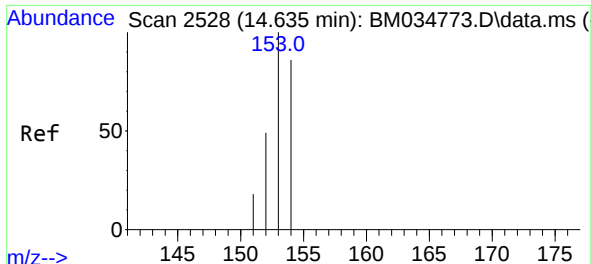


#10
Acenaphthylene
Concen: 1.012 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



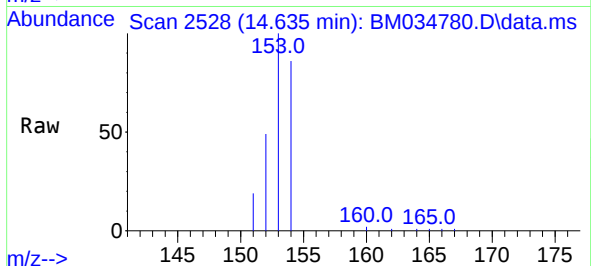
Tgt Ion:152 Resp: 41888
Ion Ratio Lower Upper
152 100
151 20.0 19.9 29.9
153 14.1 15.0 22.4#





#11
Acenaphthene
Concen: 0.395 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

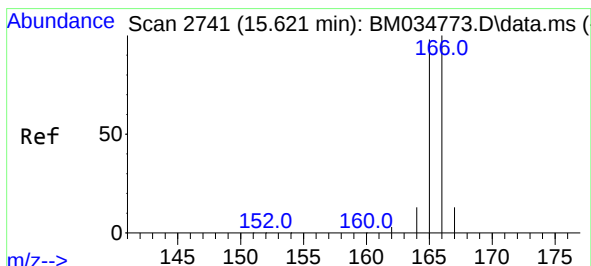
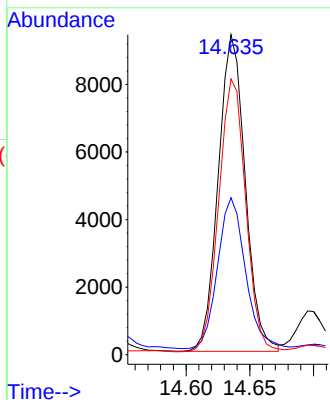
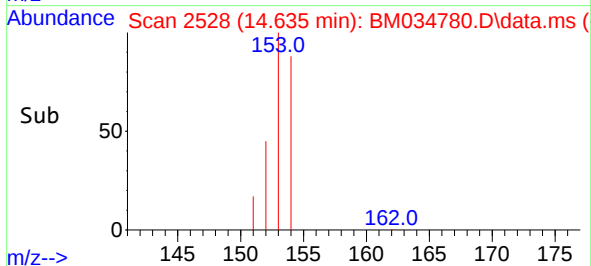
Instrument :
BNA_M
ClientSampleId :
BFFE3



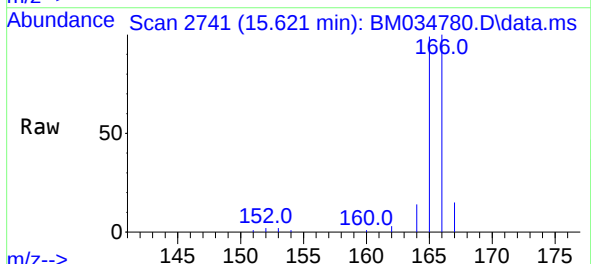
Tgt Ion:153 Resp: 13824
Ion Ratio Lower Upper
153 100
152 49.0 42.4 63.6
154 86.2 66.2 99.2

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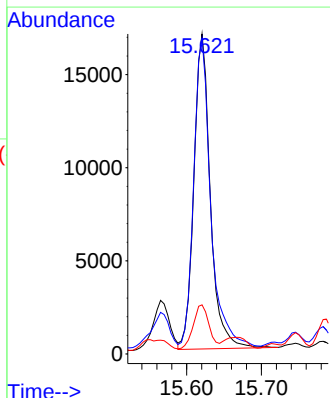
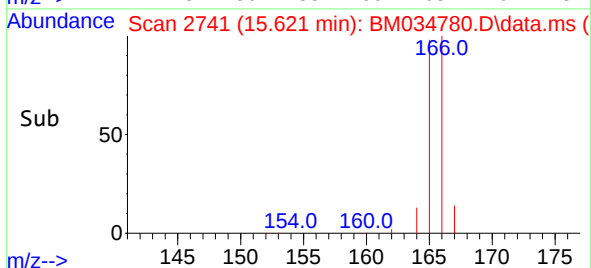
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

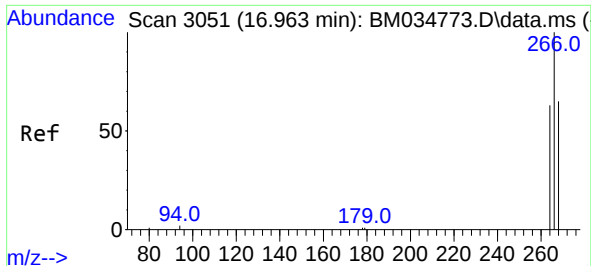


#12
Fluorene
Concen: 0.655 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



Tgt Ion:166 Resp: 25830
Ion Ratio Lower Upper
166 100
165 98.7 81.1 121.7
167 15.3 14.9 22.3





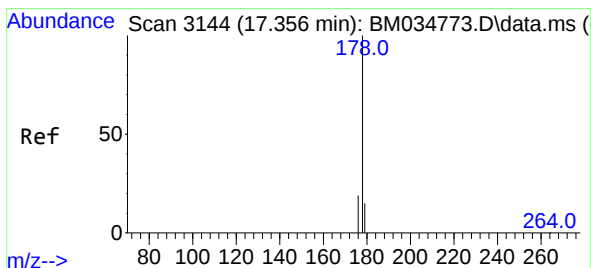
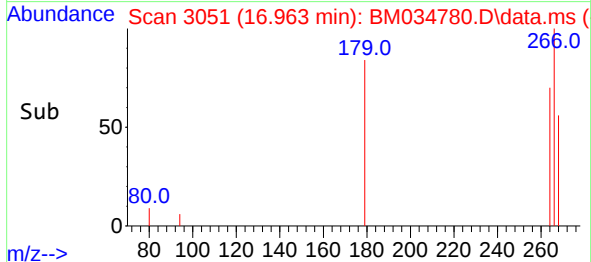
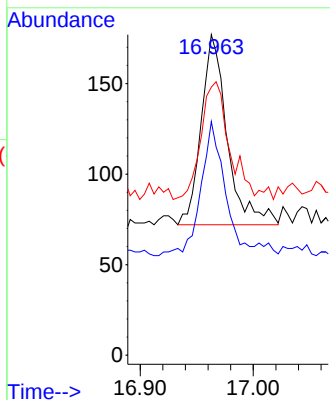
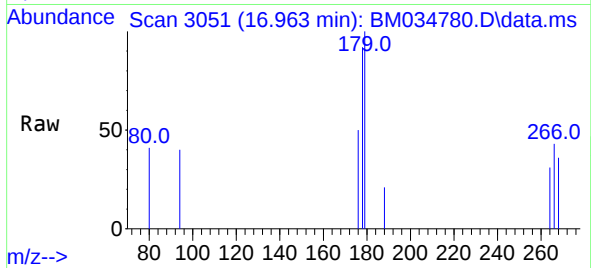
#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.963 min Scan# 3051
Delta R.T. 0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

Instrument :
BNA_M
ClientSampleId :
BFFE3

Tgt Ion:266 Resp: 168
Ion Ratio Lower Upper
266 100
264 64.9 51.4 77.0
268 69.0 53.1 79.7

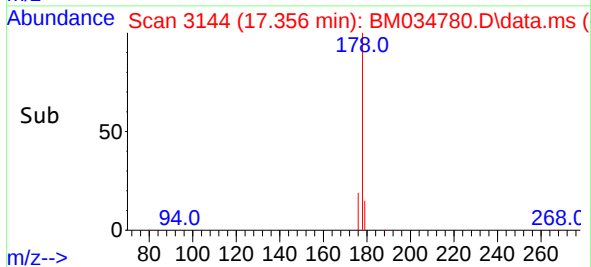
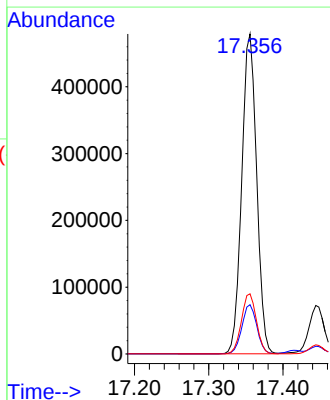
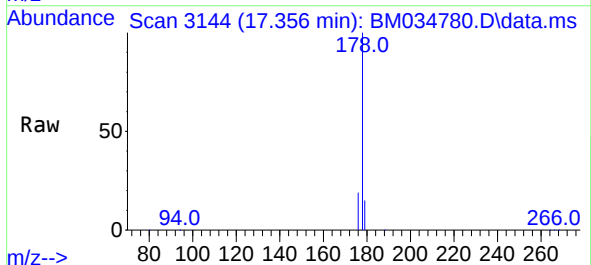
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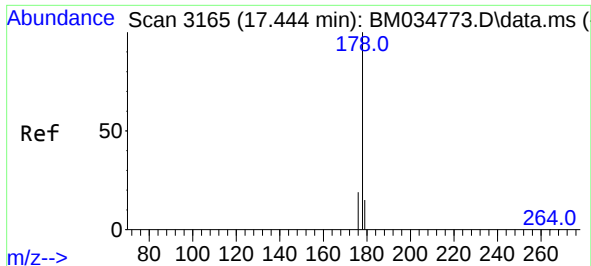
Reviewed By :Jagrut Upadhyay 04/25/2022
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#15
Phenanthrene
Concen: 11.482 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

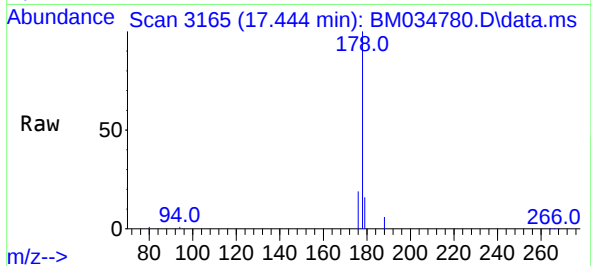
Tgt Ion:178 Resp: 666702
Ion Ratio Lower Upper
178 100
179 15.4 15.0 22.6
176 18.8 17.9 26.9





#16
 Anthracene
 Concen: 1.953 ng/ul
 RT: 17.444 min Scan# 3165
 Delta R.T. -0.003 min
 Lab File: BM034780.D
 Acq: 22 Apr 2022 22:38

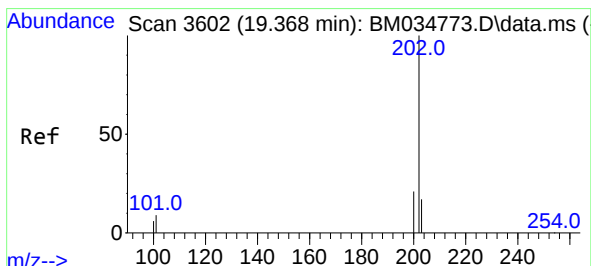
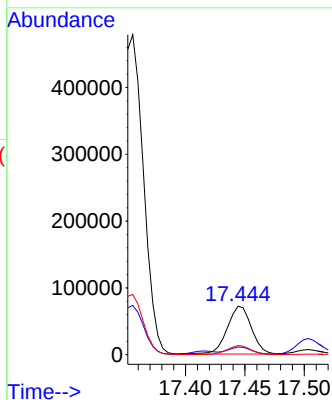
Instrument :
 BNA_M
 ClientSampleId :
 BFFE3



Tgt Ion:178 Resp: 101045
 Ion Ratio Lower Upper
 178 100
 179 15.7 16.5 24.7#
 176 18.7 18.3 27.5#

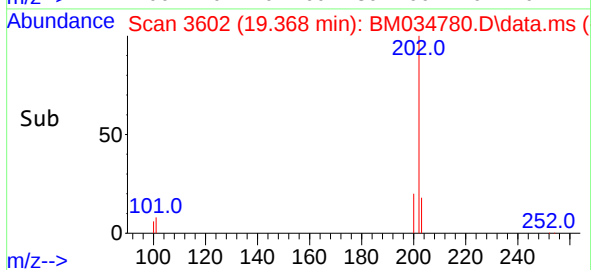
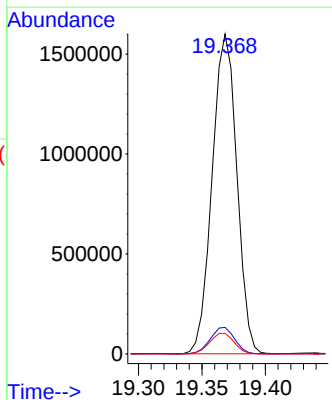
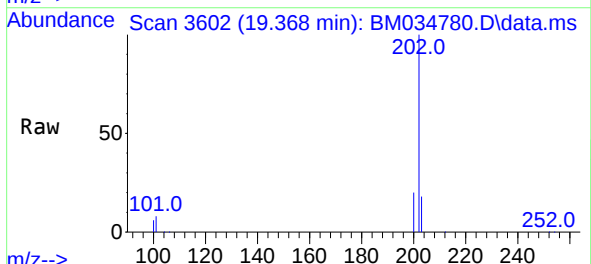
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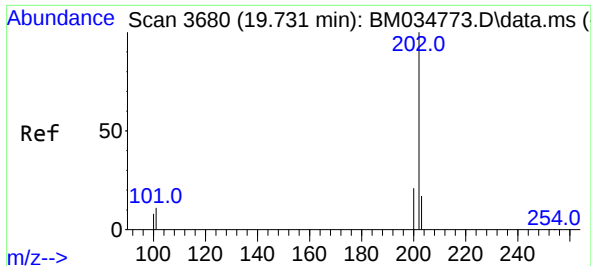
Reviewed By :Jagrut Upadhyay 04/25/2022
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#19
 Fluoranthene
 Concen: 29.765 ng/ul
 RT: 19.368 min Scan# 3602
 Delta R.T. 0.002 min
 Lab File: BM034780.D
 Acq: 22 Apr 2022 22:38

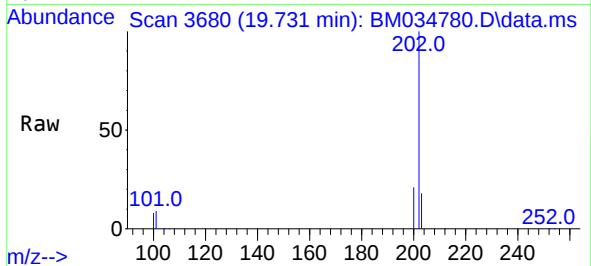
Tgt Ion:202 Resp: 2160145
 Ion Ratio Lower Upper
 202 100
 101 8.3 9.2 13.8#
 100 6.5 7.2 10.8#





#20
Pyrene
Concen: 25.730 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.002 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

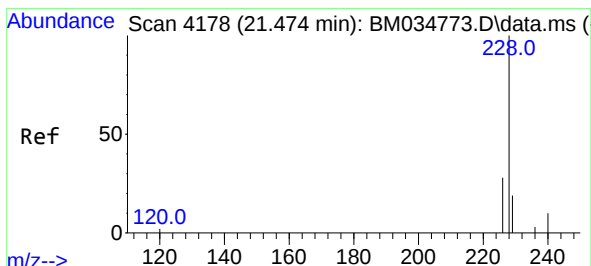
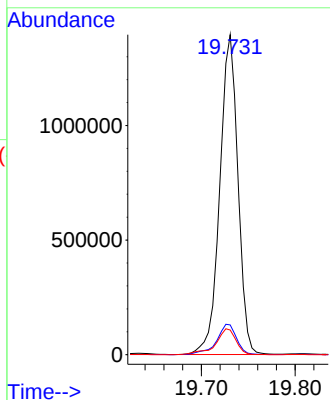
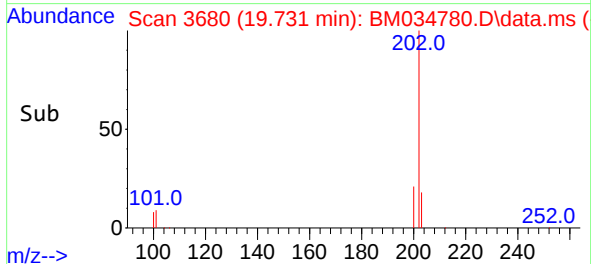
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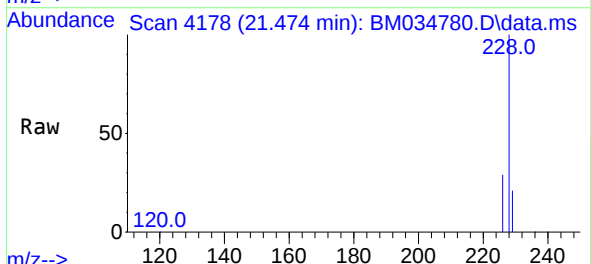
Tgt Ion:202 Resp: 1875335
Ion Ratio Lower Upper
202 100
101 9.3 9.3 13.9
100 7.7 7.8 11.6

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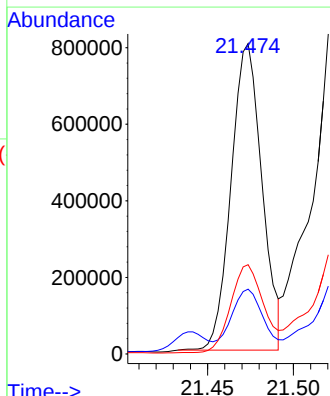
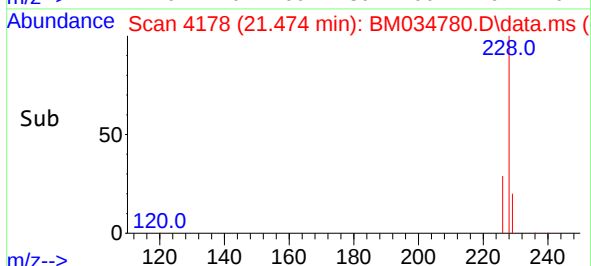
Reviewed By :Jagrut Upadhyay 04/25/2022
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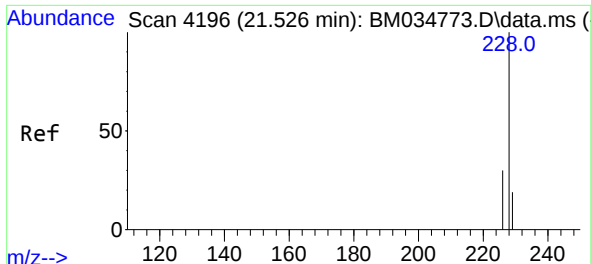


#21
Benzo(a)anthracene
Concen: 17.038 ng/u1
RT: 21.474 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



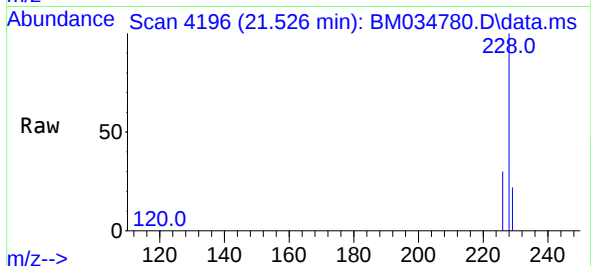
Tgt Ion:228 Resp: 1002037
Ion Ratio Lower Upper
228 100
229 20.9 17.3 25.9
226 28.8 23.2 34.8





#22
Chrysene
Concen: 24.688 ng/u1
RT: 21.526 min Scan# 4196
Delta R.T. 0.002 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

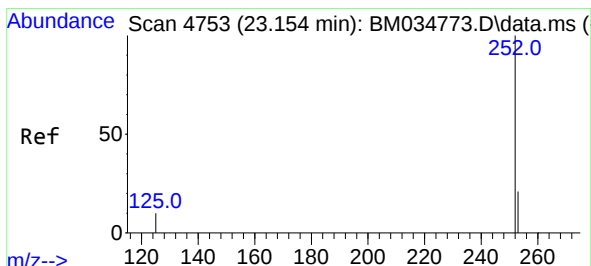
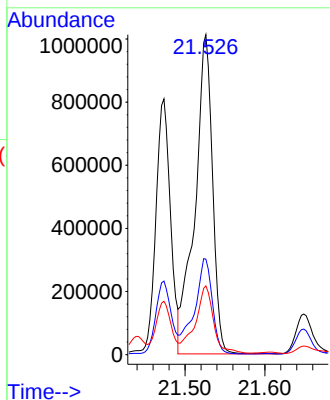
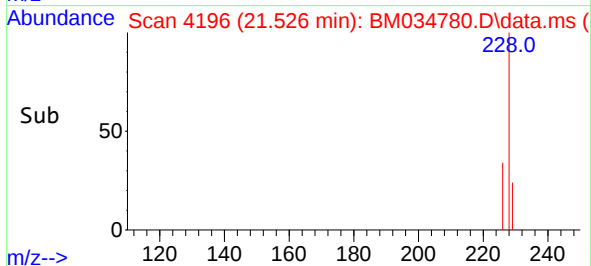
Instrument :
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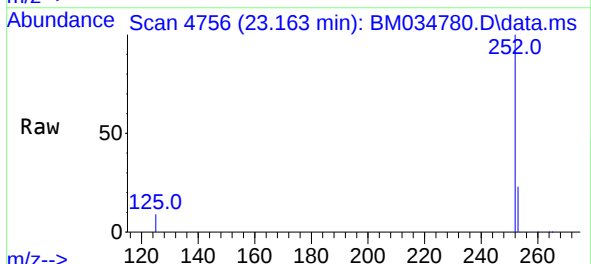
Tgt Ion:228 Resp: 1547994
Ion Ratio Lower Upper
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226 29.9 25.8 38.8
229 21.5 16.7 25.1

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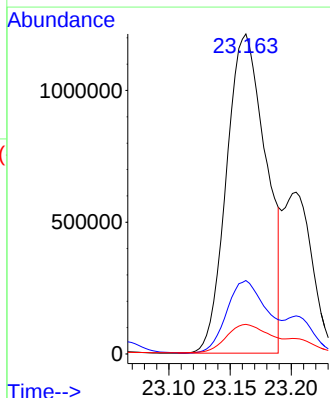
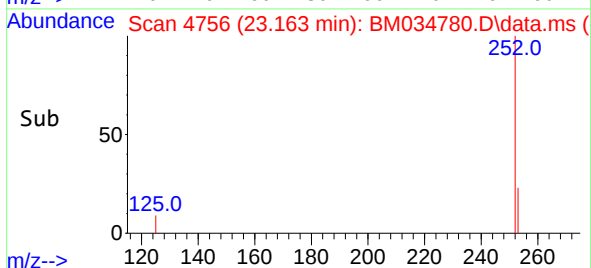
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

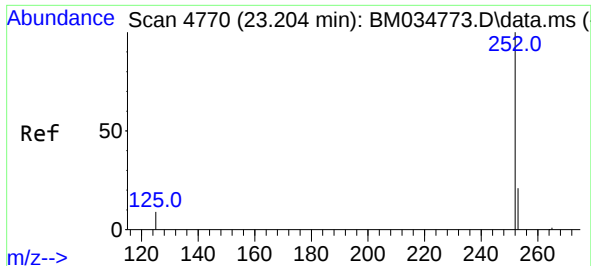


#24
Benzo(b)fluoranthene
Concen: 29.219 ng/u1
RT: 23.163 min Scan# 4756
Delta R.T. 0.010 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



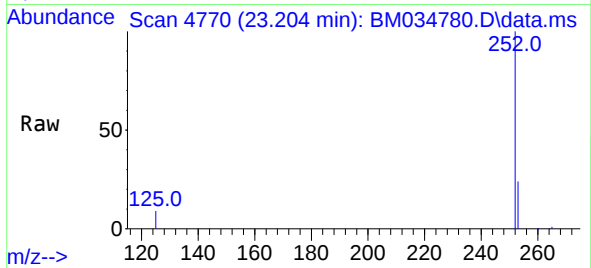
Tgt Ion:252 Resp: 2714777
Ion Ratio Lower Upper
252 100
253 23.0 0.0 64.2
125 9.2 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 10.996 ng/ul m
RT: 23.204 min Scan# 41
Delta R.T. 0.002 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

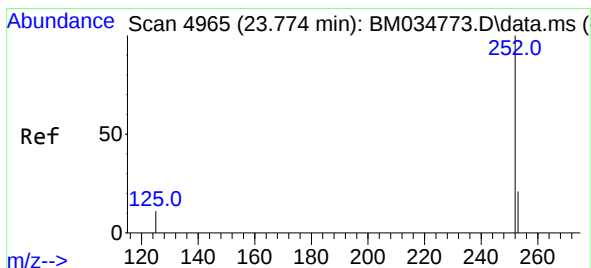
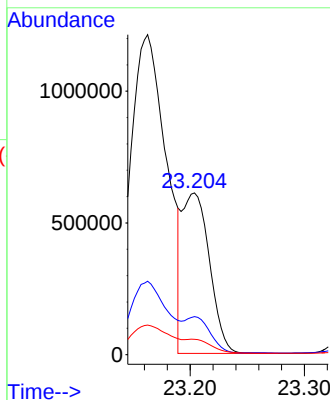
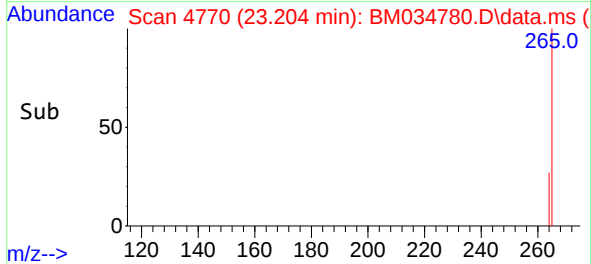
Instrument :
BNA_M
ClientSampleId :
BFFE3



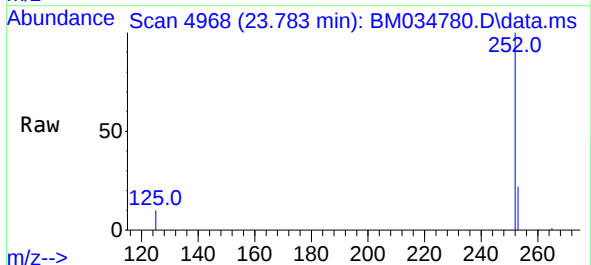
Tgt Ion:252 Resp: 102086
Ion Ratio Lower Upper
252 100
253 23.5 26.8 40.2
125 9.5 12.0 18.0

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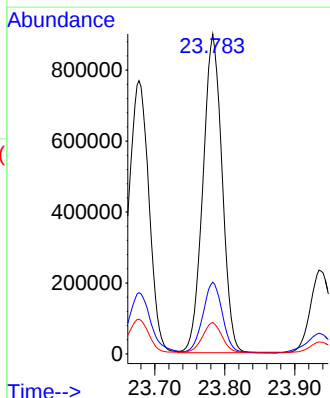
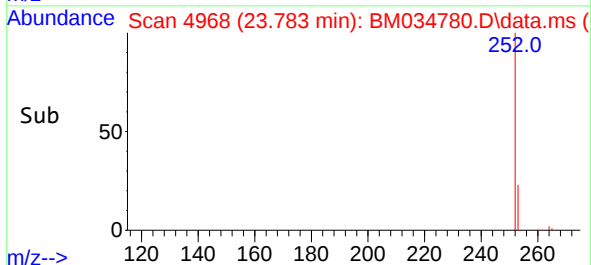
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

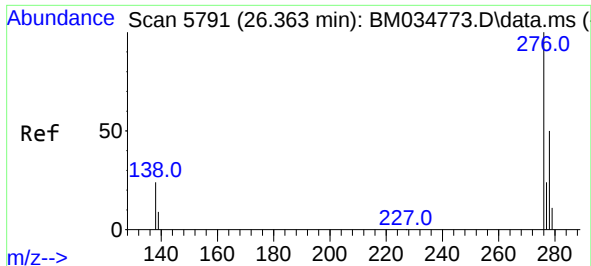


#26
Benzo(a)pyrene
Concen: 22.518 ng/ul
RT: 23.783 min Scan# 4968
Delta R.T. 0.008 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



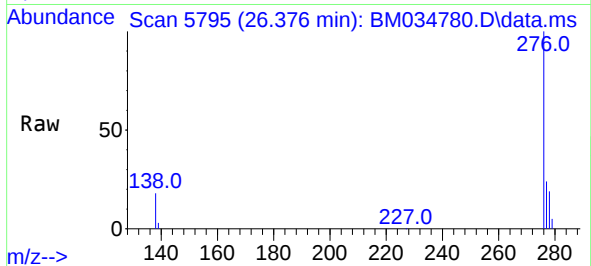
Tgt Ion:252 Resp: 1707341
Ion Ratio Lower Upper
252 100
253 22.5 32.0 48.0#
125 9.8 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 16.549 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. 0.016 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

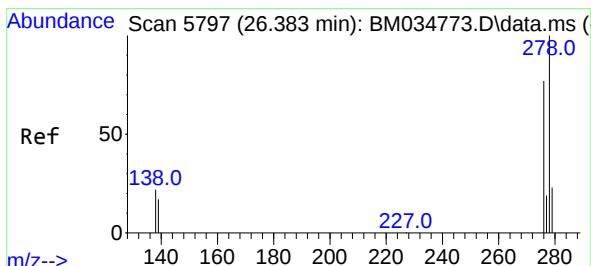
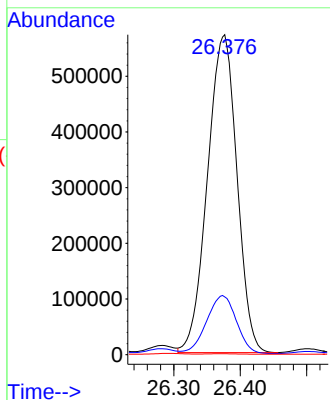
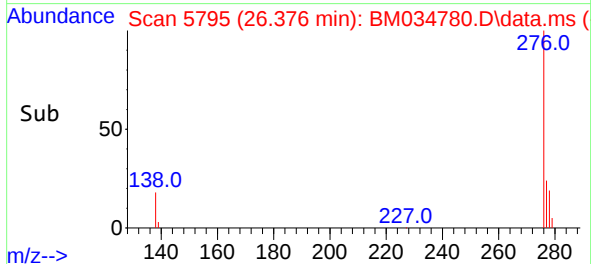
Instrument :
BNA_M
ClientSampleId :
BFFE3



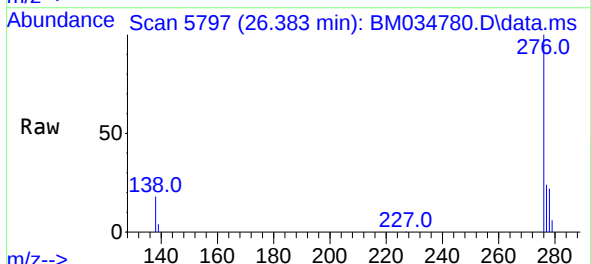
Tgt Ion:276 Resp: 1761479
Ion Ratio Lower Upper
276 100
138 18.4 15.8 23.6
227 0.2 0.0 0.0

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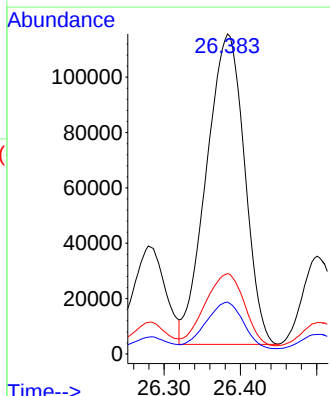
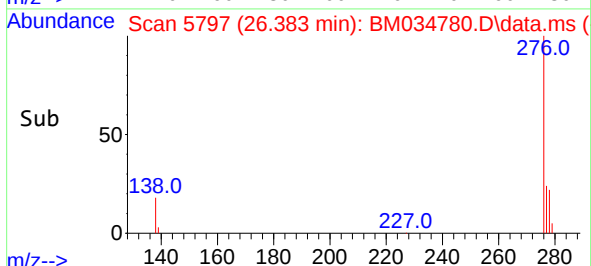
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

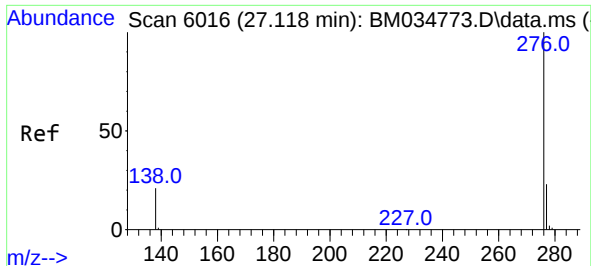


#28
Dibenzo(a,h)anthracene
Concen: 4.488 ng/ul m
RT: 26.383 min Scan# 5797
Delta R.T. -0.001 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38



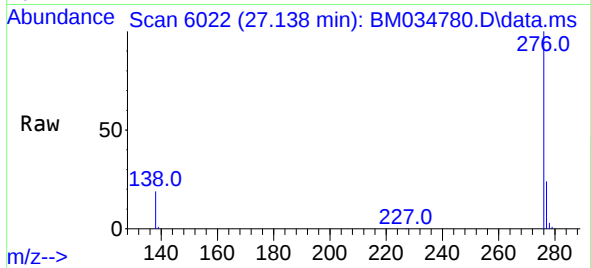
Tgt Ion:278 Resp: 388792
Ion Ratio Lower Upper
278 100
139 16.2 18.0 27.0#
279 25.1 28.6 42.8#





#29
Benzo(g,h,i)perylene
Concen: 16.881 ng/ul
RT: 27.138 min Scan# 6016
Delta R.T. 0.019 min
Lab File: BM034780.D
Acq: 22 Apr 2022 22:38

Instrument :
BNA_M
ClientSampleId :
BFFE3



Tgt Ion:276 Resp: 155118
Ion Ratio Lower Upper
276 100
138 18.8 17.4 26.0
277 24.0 22.6 33.8

Manual Integrations
APPROVED

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

