

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034785.D
 Acq On : 23 Apr 2022 01:37
 Operator : CG/JU
 Sample : N2374-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD5

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 03:27:42 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	7165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	18286	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	10272	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	18971	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	14737	0.400	ng/ul	# 0.00
23) Perylene-d12	23.882	264	15336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	22935	2.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5758	0.224	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	10858	0.234	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.798	128	5781	0.111	ng/ul#	92
7) 2-Methylnaphthalene	12.404	142	4970	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.624	142	6762	0.198	ng/ul	100
10) Acenaphthylene	14.293	152	20679	0.461	ng/ul	92
11) Acenaphthene	14.635	153	3332	0.088	ng/ul	98
12) Fluorene	15.621	166	10912	0.255	ng/ul	99
15) Phenanthrene	17.355	178	188694	3.009	ng/ul	93
16) Anthracene	17.444	178	22910	0.410	ng/ul	92
19) Fluoranthene	19.368	202	246189	3.480	ng/ul	96
20) Pyrene	19.726	202	287084	4.040	ng/ul	99
21) Benzo(a)anthracene	21.471	228	107409	1.873	ng/ul	98
22) Chrysene	21.523	228	136594	2.235	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	145322	2.075	ng/ul	90
25) Benzo(k)fluoranthene	23.198	252	43944m	0.628	ng/ul	
26) Benzo(a)pyrene	23.777	252	106040	1.856	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.363	276	72862	0.908	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.376	278	18623	0.285	ng/ul#	94
29) Benzo(g,h,i)perylene	27.121	276	59485	0.859	ng/ul	94

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

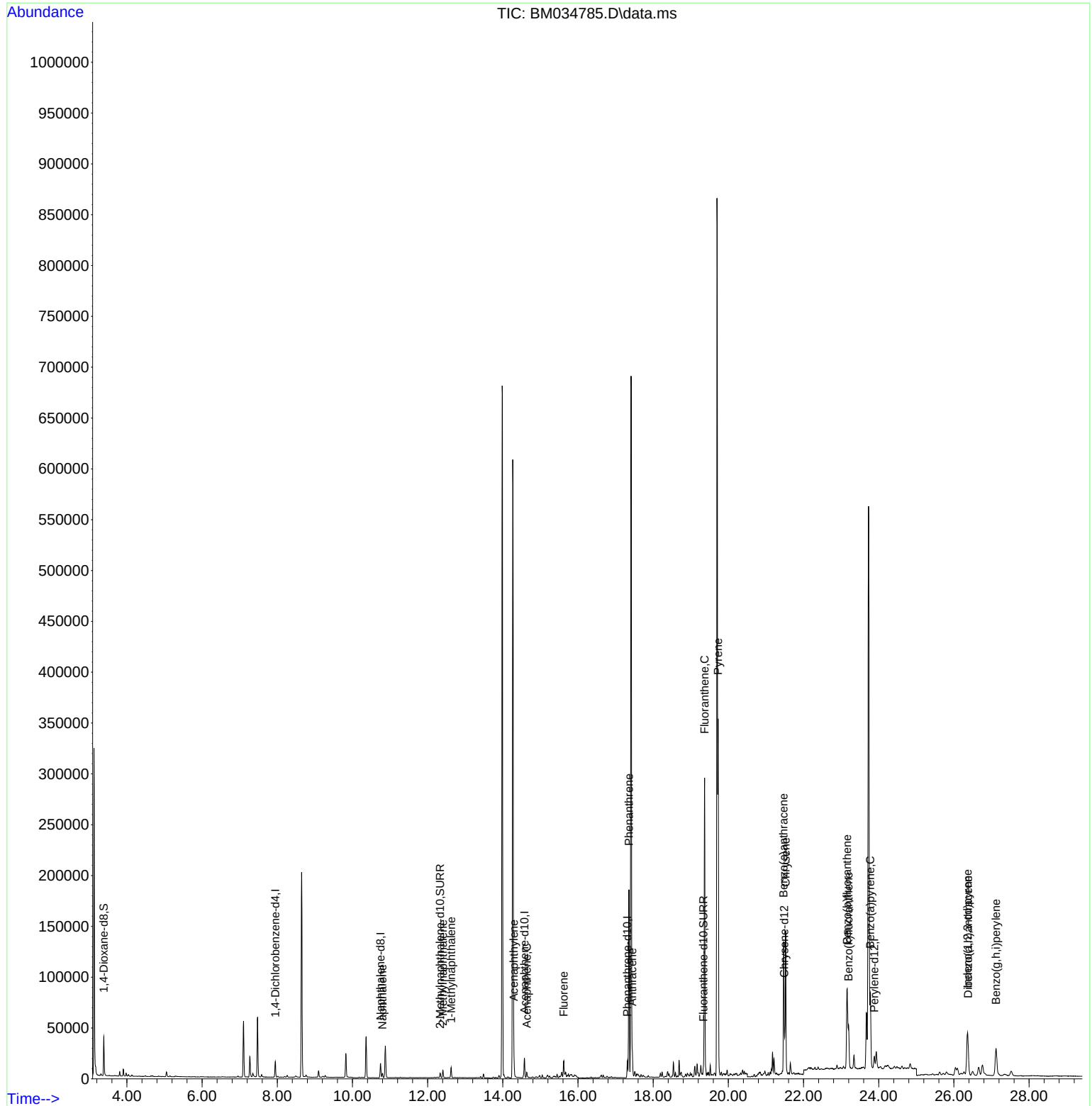
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
Data File : BM034785.D
Acq On : 23 Apr 2022 01:37
Operator : CG/JU
Sample : N2374-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

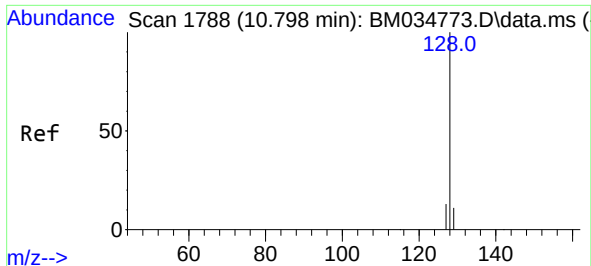
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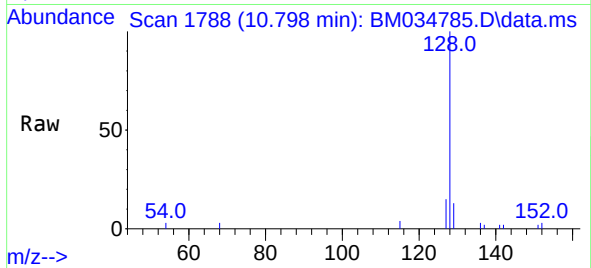
Quant Time: Apr 23 03:27:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

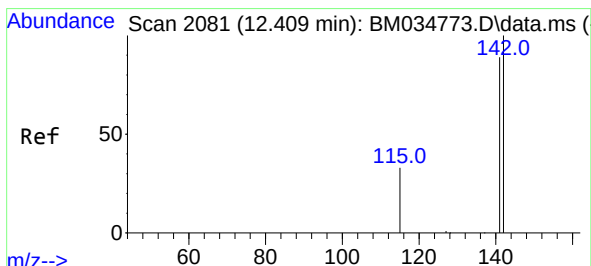
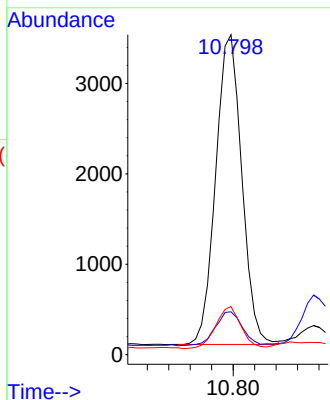
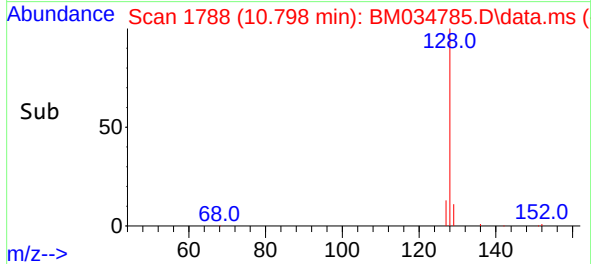
Instrument :
BNA_M
ClientSampleId :
BFFD5



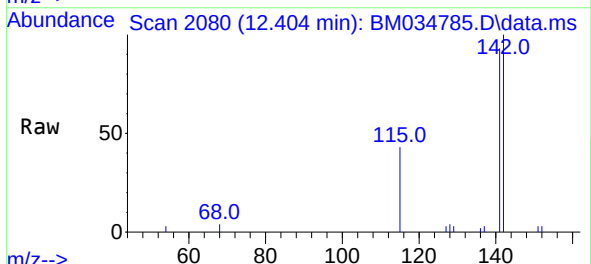
Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
129 13.4 13.4 20.2
127 15.0 15.2 22.8

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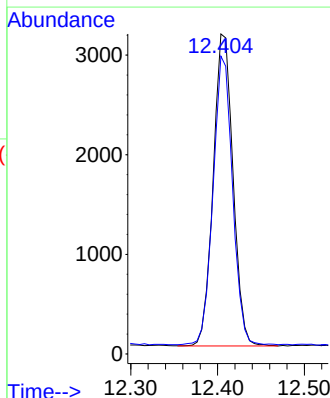
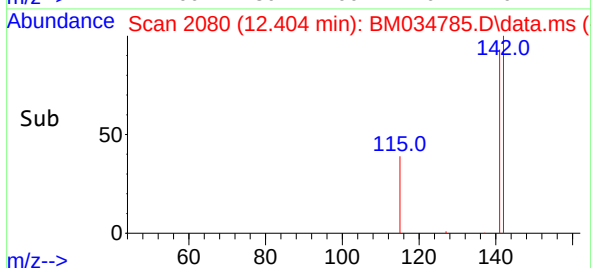
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

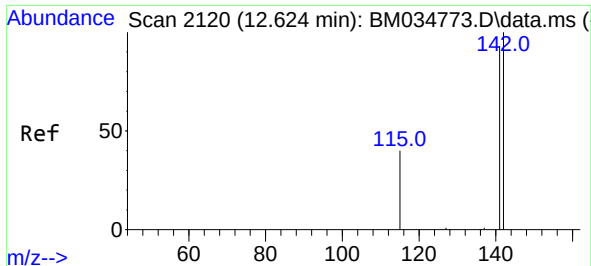


#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



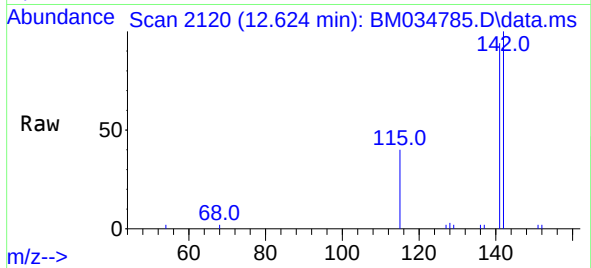
Tgt Ion:142 Resp: 4970
Ion Ratio Lower Upper
142 100
141 90.7 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.198 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.004 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

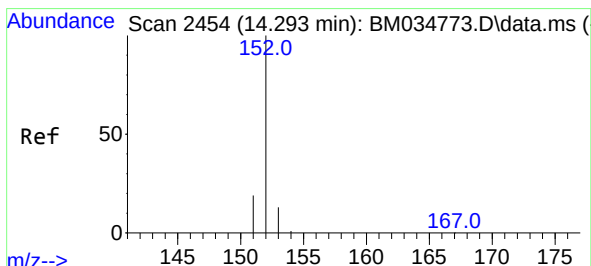
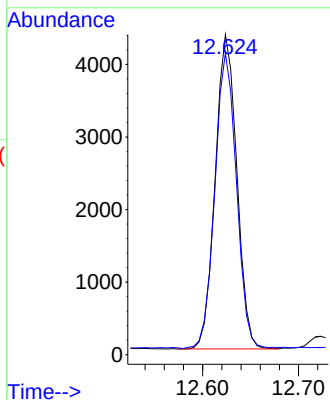
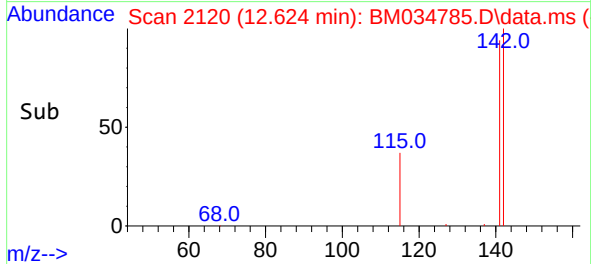
Instrument :
BNA_M
ClientSampleId :
BFFD5



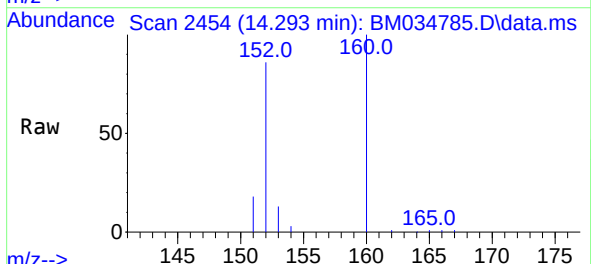
Tgt Ion:142 Resp: 6762
Ion Ratio Lower Upper
142 100
141 94.0 75.0 112.4

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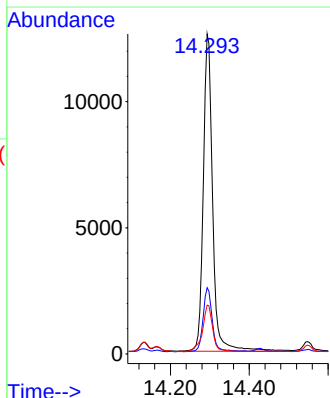
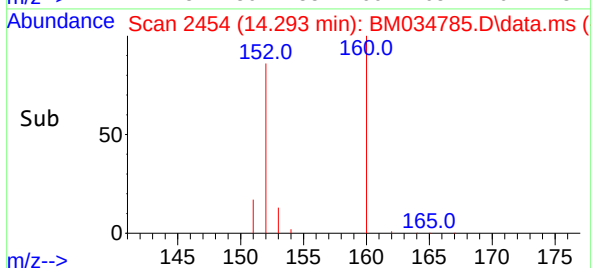
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

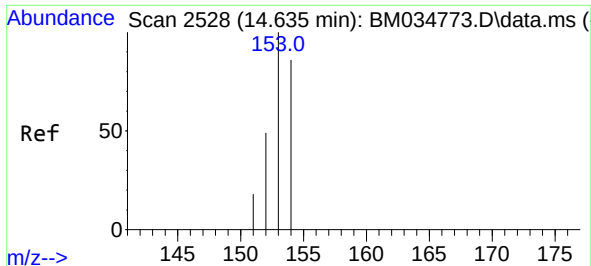


#10
Acenaphthylene
Concen: 0.461 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.003 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



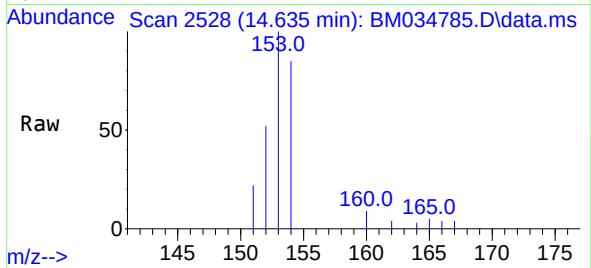
Tgt Ion:152 Resp: 20679
Ion Ratio Lower Upper
152 100
151 20.7 19.9 29.9
153 15.3 15.0 22.4





#11
Acenaphthene
Concen: 0.088 ng/u1
RT: 14.635 min Scan# 2528
Delta R.T. -0.003 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

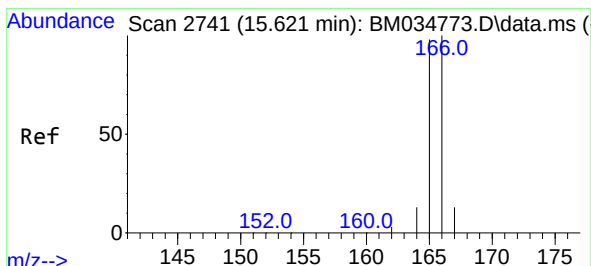
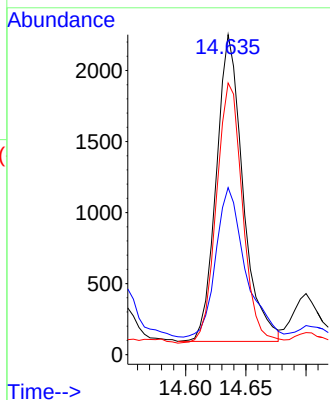
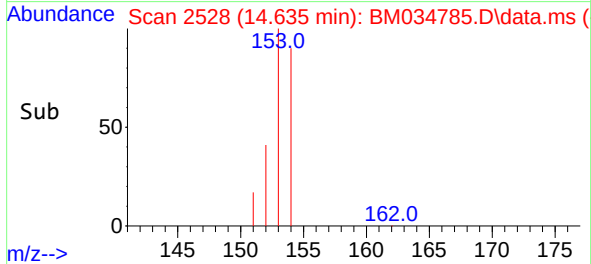
Instrument :
BNA_M
ClientSampleId :
BFFD5



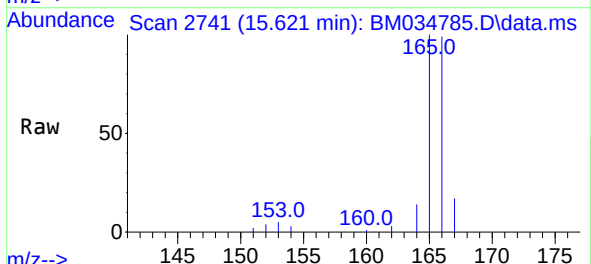
Tgt Ion:153 Resp: 333
Ion Ratio Lower Upper
153 100
152 52.2 42.4 63.6
154 84.9 66.2 99.2

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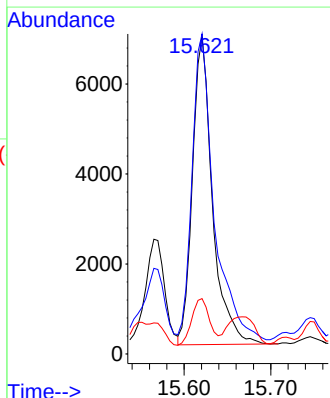
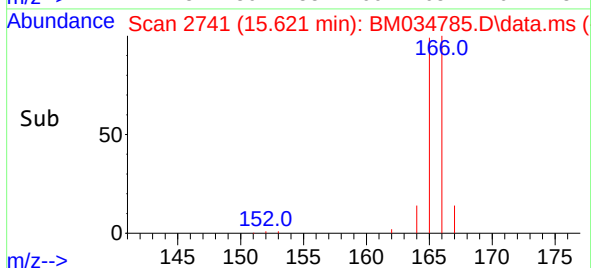
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

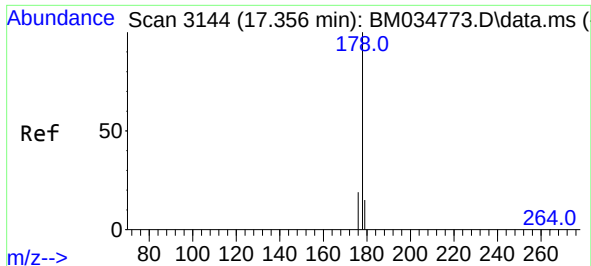


#12
Fluorene
Concen: 0.255 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



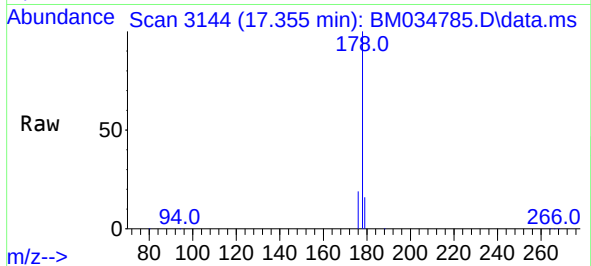
Tgt Ion:166 Resp: 10912
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 17.5 14.9 22.3





#15
Phenanthrene
Concen: 3.009 ng/u1
RT: 17.355 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

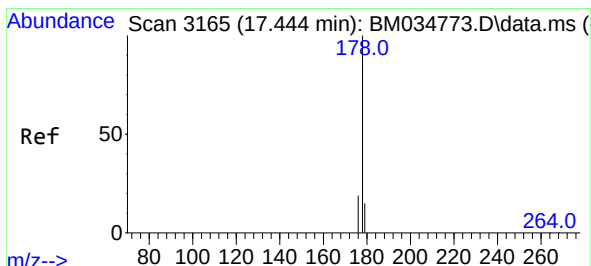
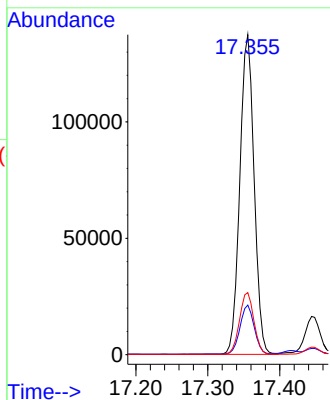
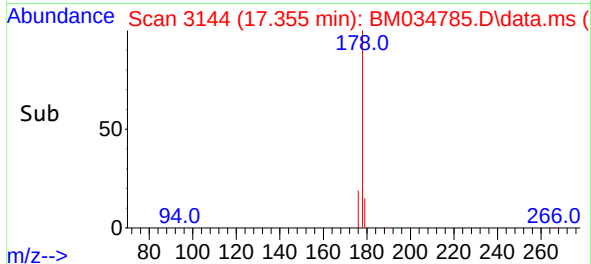
Instrument :
BNA_M
ClientSampleId :
BFFD5



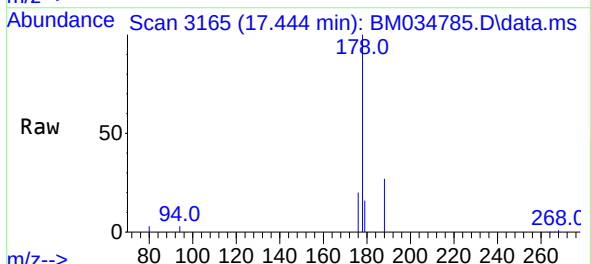
Tgt Ion:178 Resp: 188694
Ion Ratio Lower Upper
178 100
179 15.5 15.0 22.6
176 19.4 17.9 26.9

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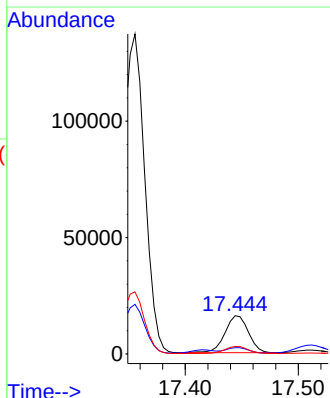
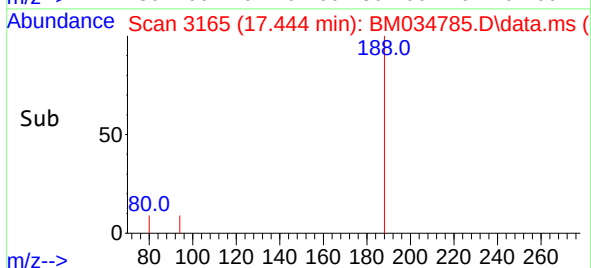
Reviewed By :Jagrut Upadhyay 04/25/2022
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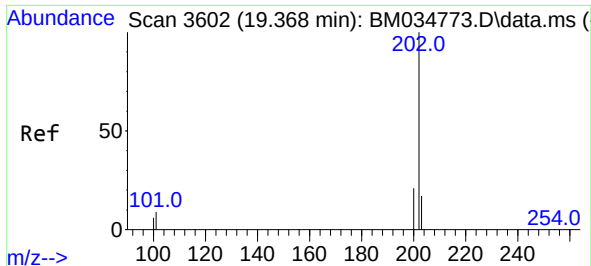


#16
Anthracene
Concen: 0.410 ng/u1
RT: 17.444 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



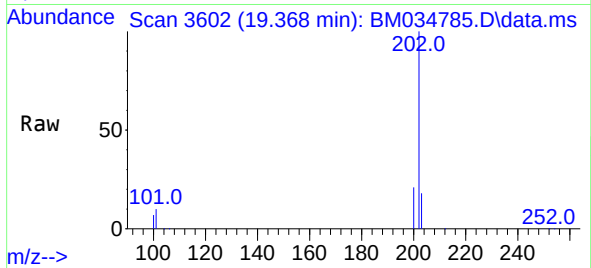
Tgt Ion:178 Resp: 22910
Ion Ratio Lower Upper
178 100
179 16.5 16.5 24.7
176 19.8 18.3 27.5





#19
Fluoranthene
Concen: 3.480 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.002 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

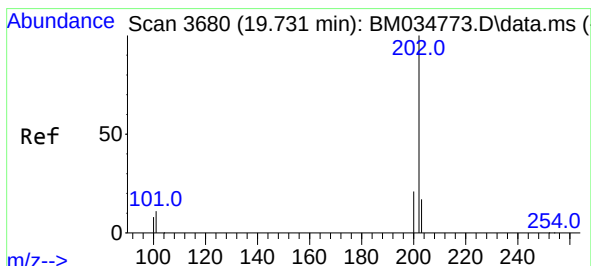
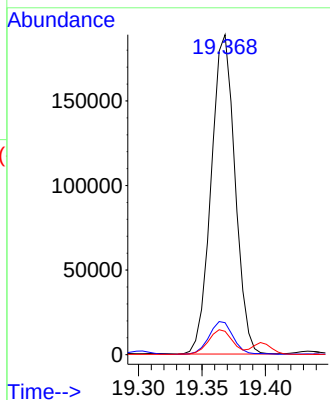
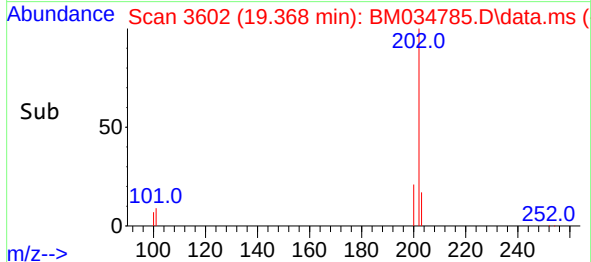
Instrument :
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ClientSampleId :
BFFD5



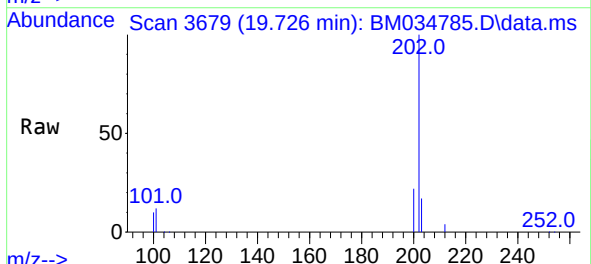
Tgt Ion:202 Resp: 246189
Ion Ratio Lower Upper
202 100
101 10.0 9.2 13.8
100 7.3 7.2 10.8

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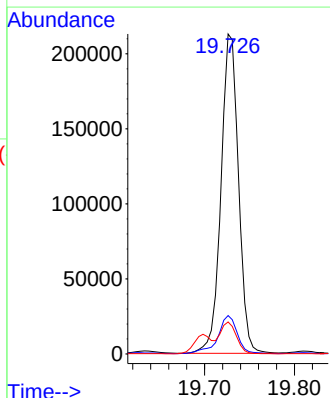
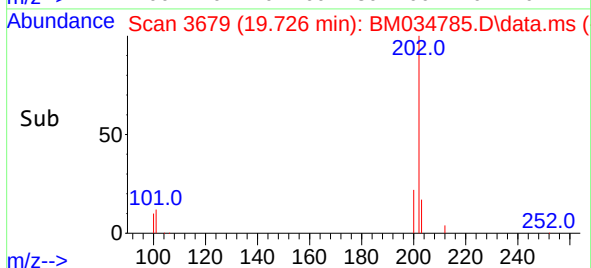
Reviewed By :Jagrut Upadhyay 04/25/2022
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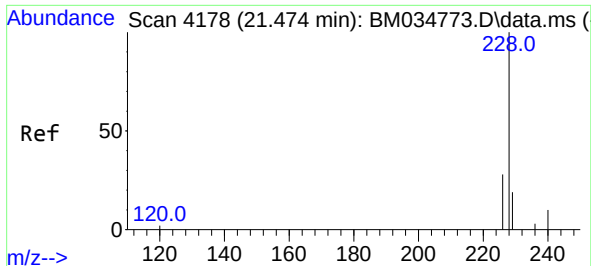


#20
Pyrene
Concen: 4.040 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



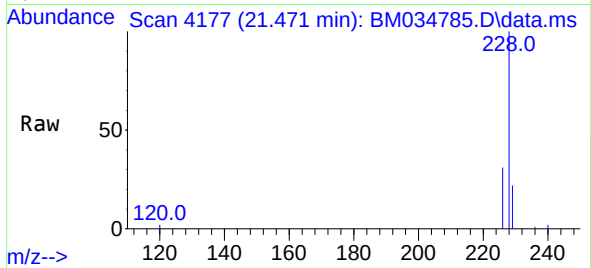
Tgt Ion:202 Resp: 287084
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.873 ng/u1
RT: 21.471 min Scan# 4178
Delta R.T. -0.001 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

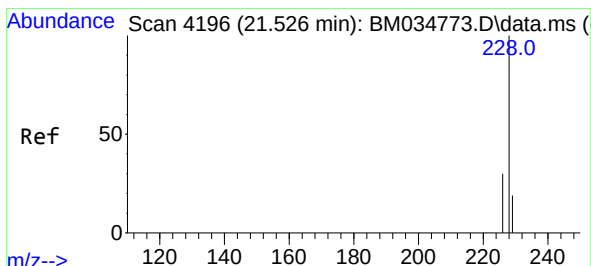
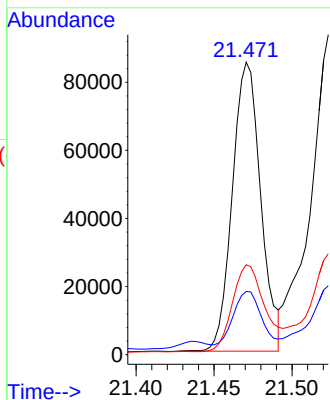
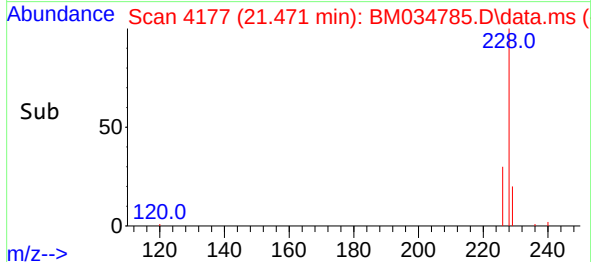
Instrument :
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Tgt Ion:228 Resp: 107409
Ion Ratio Lower Upper
228 100
229 21.6 17.3 25.9
226 30.7 23.2 34.8

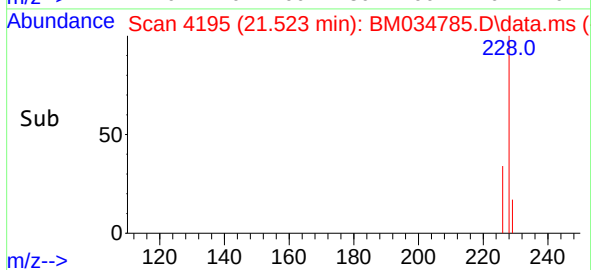
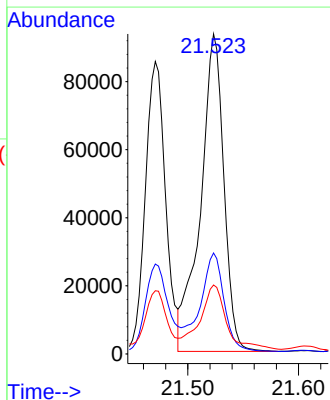
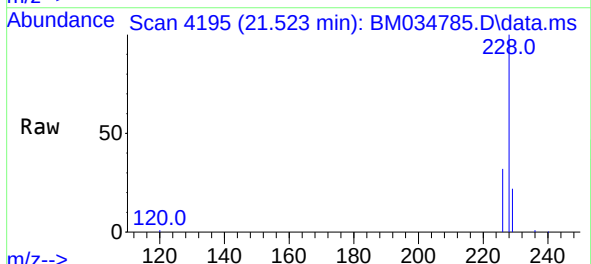
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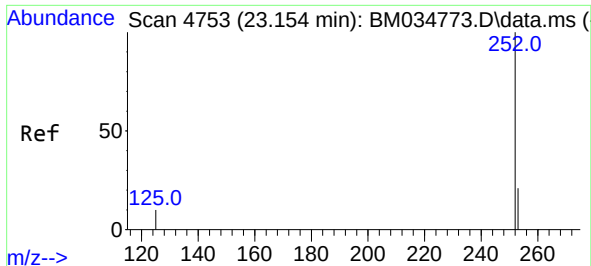
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#22
Chrysene
Concen: 2.235 ng/u1
RT: 21.523 min Scan# 4195
Delta R.T. -0.001 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

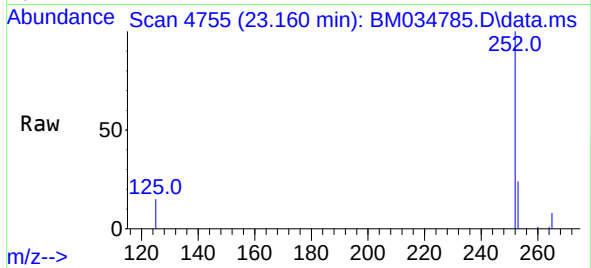
Tgt Ion:228 Resp: 136594
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 2.075 ng/ul
RT: 23.160 min Scan# 4755
Delta R.T. 0.008 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

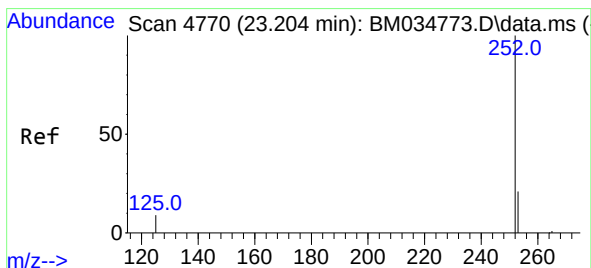
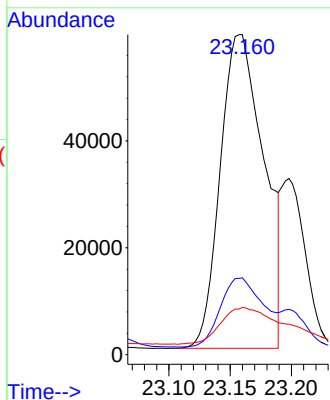
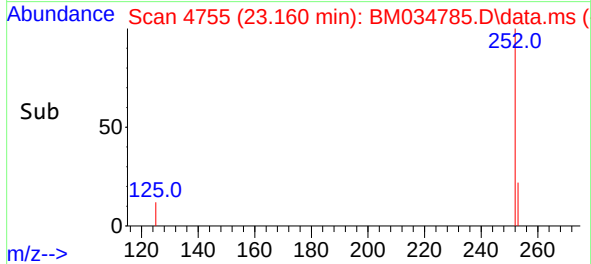
Instrument :
BNA_M
ClientSampleId :
BFFD5



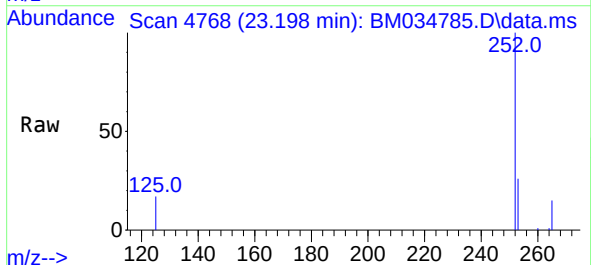
Tgt Ion:252 Resp: 14532
Ion Ratio Lower Upper
252 100
253 24.0 0.0 64.2
125 14.7 0.0 28.8

Manual Integrations
APPROVED

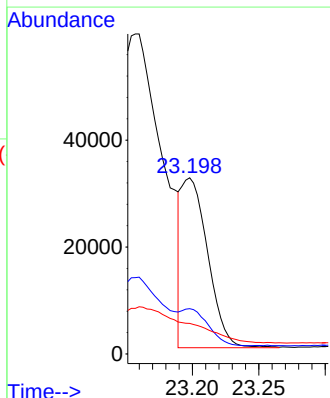
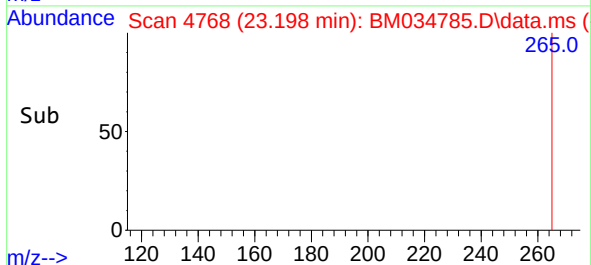
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

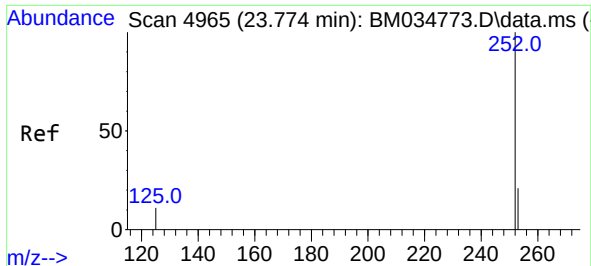


#25
Benzo(k)fluoranthene
Concen: 0.628 ng/ul m
RT: 23.198 min Scan# 4768
Delta R.T. -0.004 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



Tgt Ion:252 Resp: 43944
Ion Ratio Lower Upper
252 100
253 25.7 26.8 40.2#
125 17.4 12.0 18.0





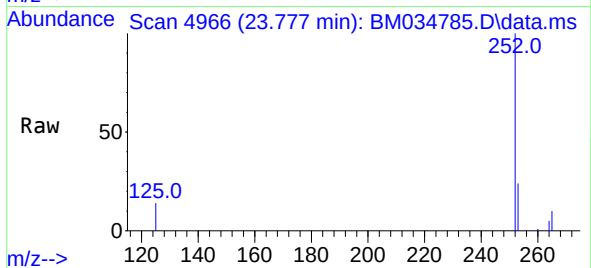
#26
Benzo(a)pyrene
Concen: 1.856 ng/ul
RT: 23.777 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

Instrument :

BNA_M

ClientSampleId :

BFFD5

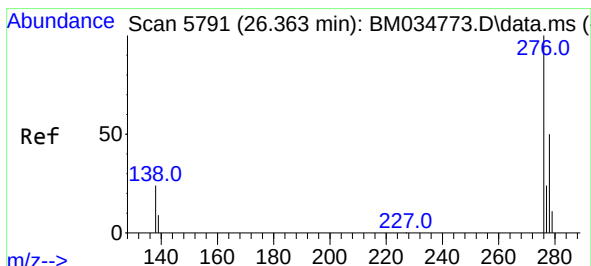
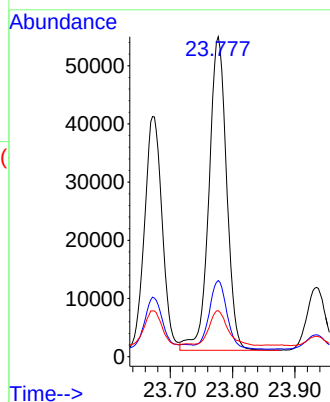


Tgt Ion:252 Resp: 106040
Ion Ratio Lower Upper
252 100
253 23.8 32.0 48.0
125 14.4 14.5 21.7

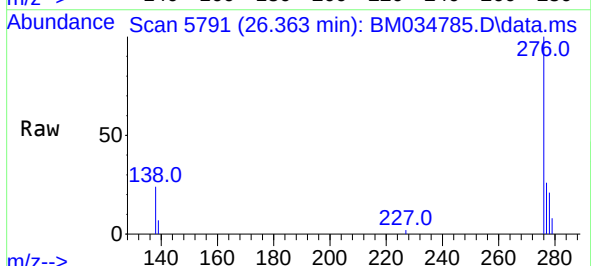
Manual Integrations

APPROVED

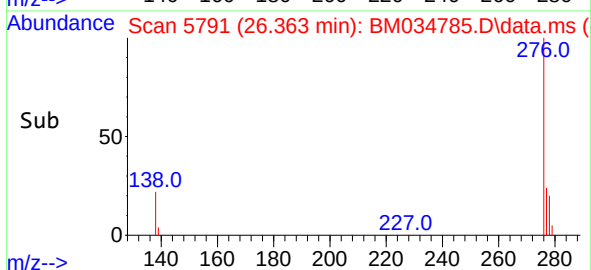
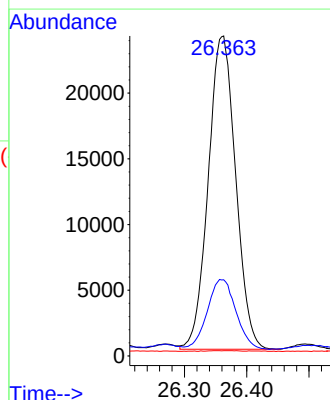
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

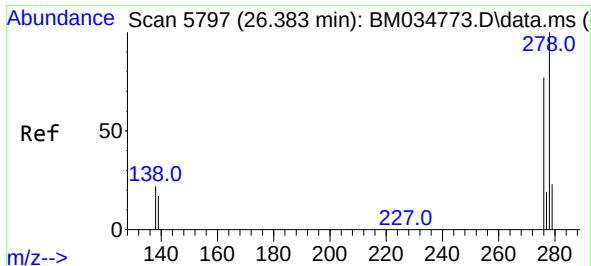


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.908 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.002 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



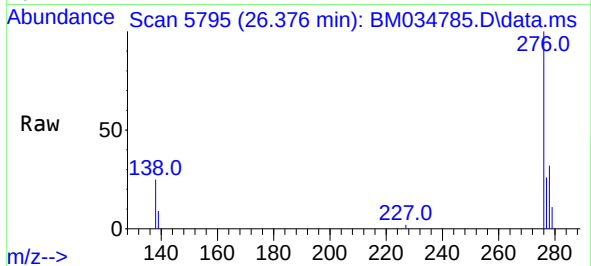
Tgt Ion:276 Resp: 72862
Ion Ratio Lower Upper
276 100
138 23.4 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37

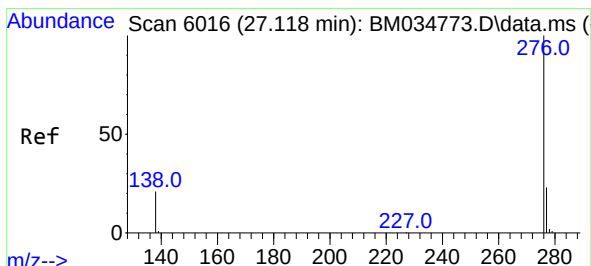
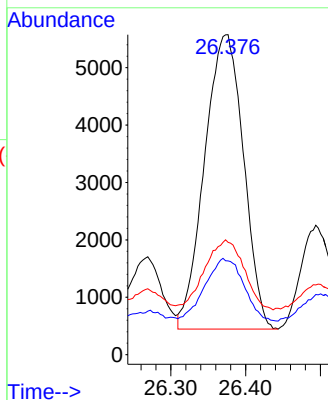
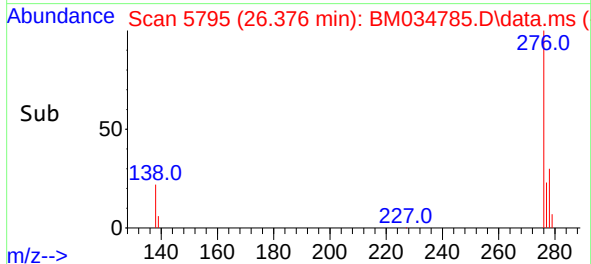
Instrument :
BNA_M
ClientSampleId :
BFFD5



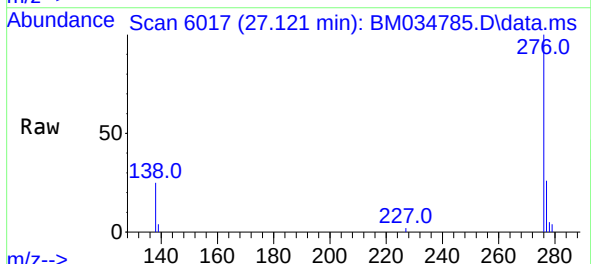
Tgt Ion:278 Resp: 1862
Ion Ratio Lower Upper
278 100
139 29.3 18.0 27.0
279 35.1 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.859 ng/ul
RT: 27.121 min Scan# 6017
Delta R.T. 0.002 min
Lab File: BM034785.D
Acq: 23 Apr 2022 01:37



Tgt Ion:276 Resp: 59485
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.0
277 25.6 22.6 33.8

