

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034815.D
 Acq On : 26 Apr 2022 00:49
 Operator : CG/JU
 Sample : N2374-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFD5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 03:08:08 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	7.943	152	6630	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.743	136	16875	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	9103	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	17971	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.483	240	15092	0.400	ng/ul	# 0.00
23) Perylene-d12	23.877	264	15391	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	19934	2.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	4273	0.180	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	9503	0.200	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.793	128	4803	0.100	ng/ul#	91
7) 2-Methylnaphthalene	12.404	142	3894	0.122	ng/ul	98
8) 1-Methylnaphthalene	12.619	142	5337	0.169	ng/ul	99
10) Acenaphthylene	14.289	152	18549	0.466	ng/ul	92
11) Acenaphthene	14.631	153	2675	0.079	ng/ul	98
12) Fluorene	15.616	166	9044	0.238	ng/ul	99
15) Phenanthrene	17.352	178	164063	2.761	ng/ul	93
16) Anthracene	17.440	178	19637	0.371	ng/ul	92
19) Fluoranthene	19.364	202	226300	3.123	ng/ul	97
20) Pyrene	19.726	202	268398	3.689	ng/ul	99
21) Benzo(a)anthracene	21.468	228	98418	1.676	ng/ul	98
22) Chrysene	21.521	228	127280	2.033	ng/ul	98
24) Benzo(b)fluoranthene	23.152	252	127179	1.810	ng/ul	89
25) Benzo(k)fluoranthene	23.192	252	47326m	0.674	ng/ul	
26) Benzo(a)pyrene	23.771	252	94588	1.649	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.350	276	65146	0.809	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.363	278	16496	0.252	ng/ul#	93
29) Benzo(g,h,i)perylene	27.115	276	53442	0.769	ng/ul	93

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

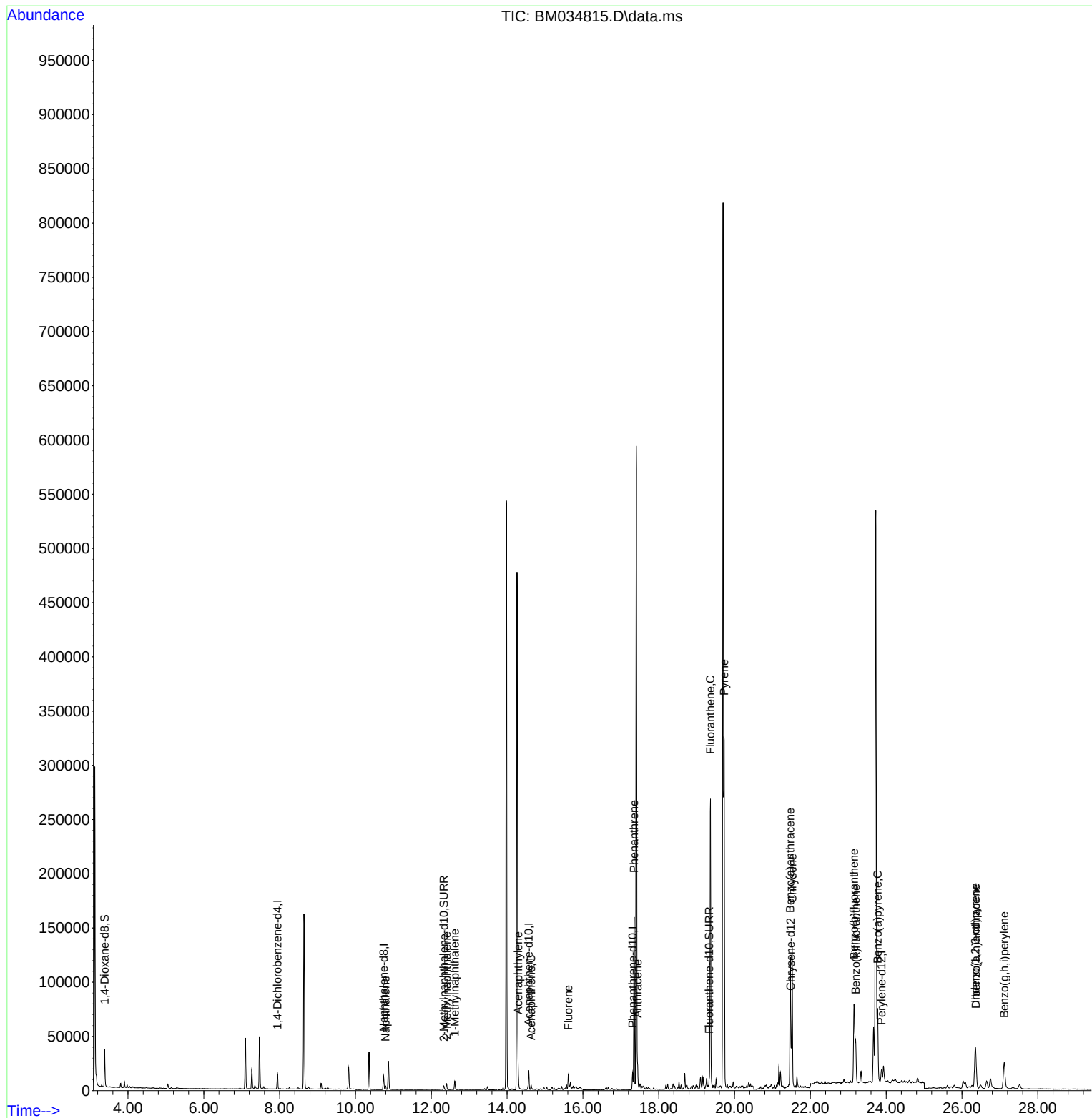
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034815.D
Acq On : 26 Apr 2022 00:49
Operator : CG/JU
Sample : N2374-02
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ALS Vial : 23 Sample Multiplier: 1

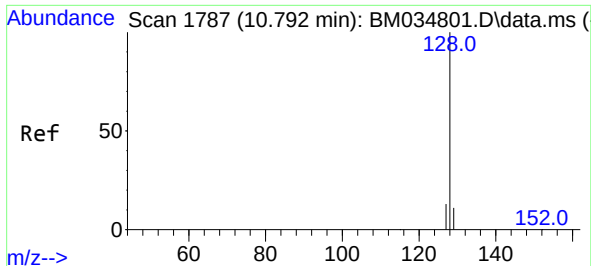
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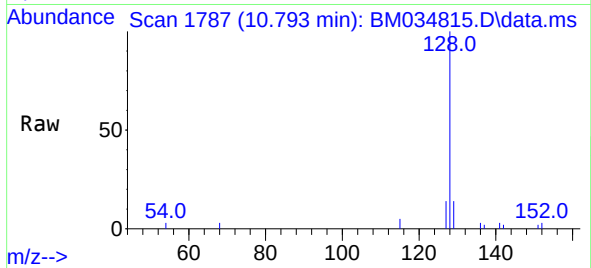
Quant Time: Apr 26 03:08:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.793 min Scan# 1787
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

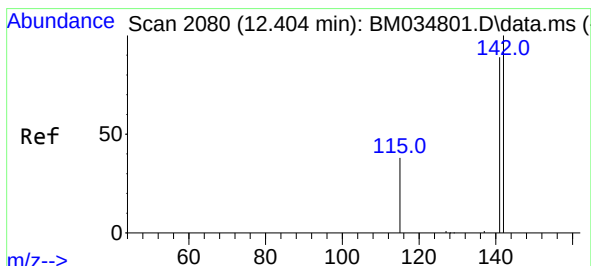
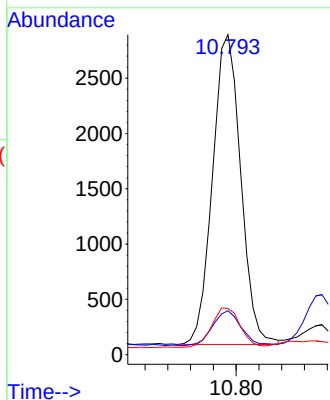
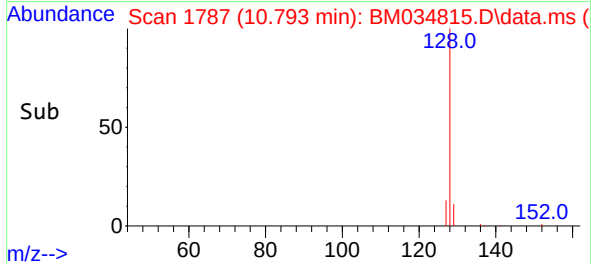
Instrument :
BNA_M
ClientSampleId :
BFFD5



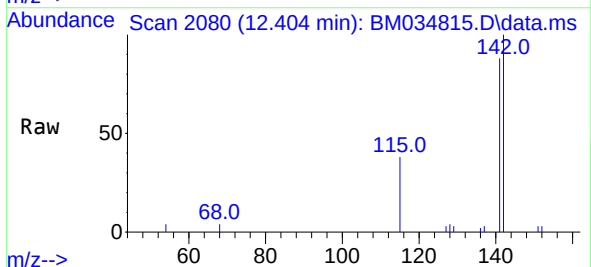
Tgt Ion:128 Resp: 4800
Ion Ratio Lower Upper
128 100
129 13.8 13.4 20.2
127 14.4 15.2 22.8

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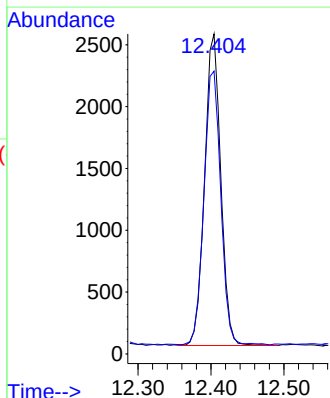
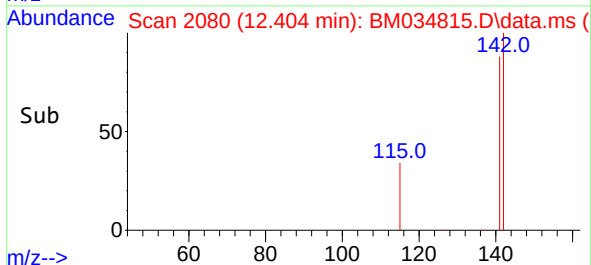
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

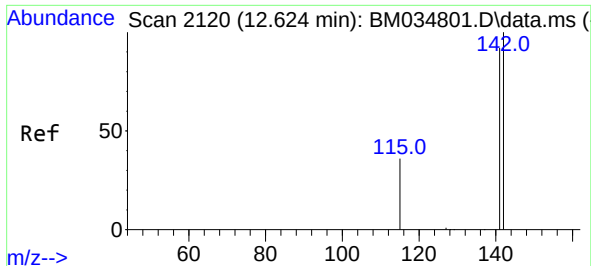


#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



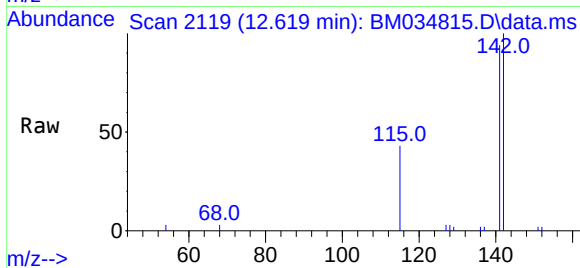
Tgt Ion:142 Resp: 3894
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.169 ng/ul
RT: 12.619 min Scan# 2119
Delta R.T. -0.009 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

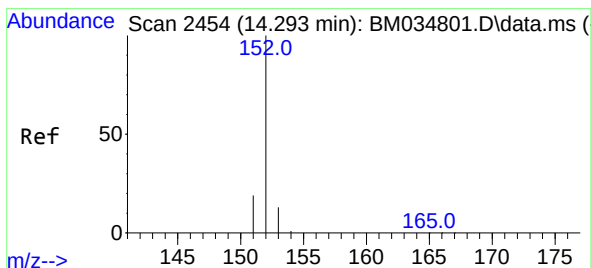
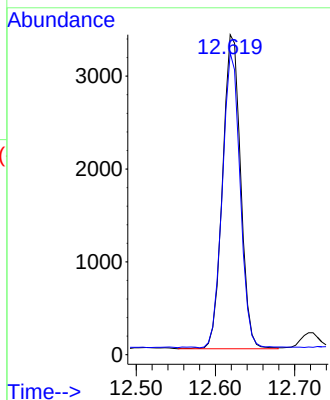
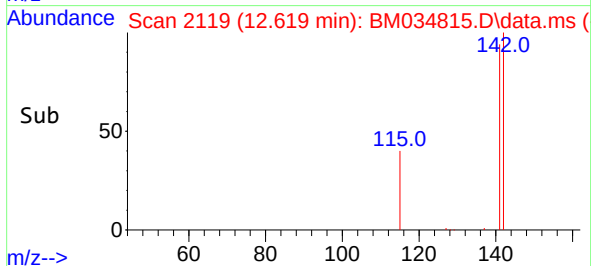
Instrument :
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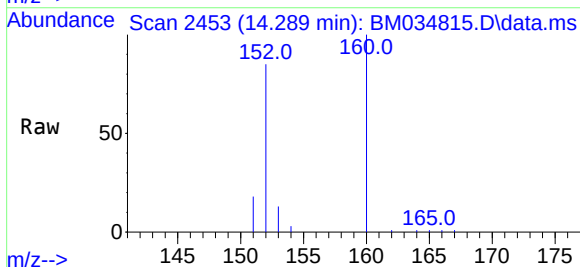
Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
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141 92.9 75.0 112.4

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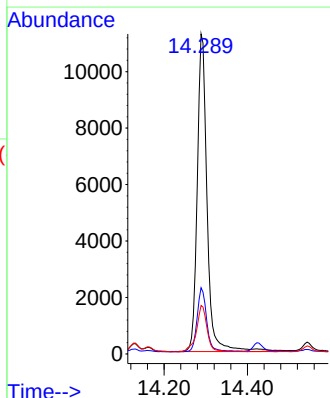
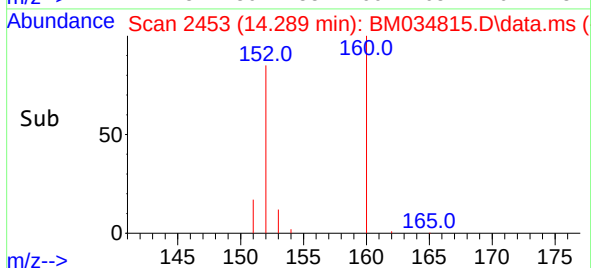
Reviewed By :Jagrut Upadhyay 04/26/2022
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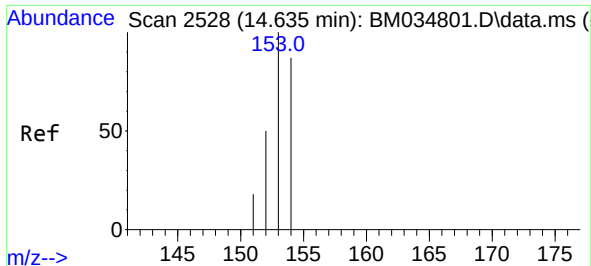


#10
Acenaphthylene
Concen: 0.466 ng/ul
RT: 14.289 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



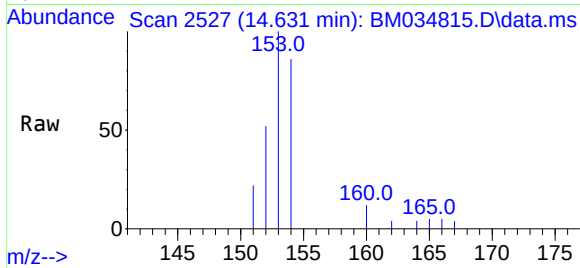
Tgt Ion:152 Resp: 18549
Ion Ratio Lower Upper
152 100
151 20.7 19.9 29.9
153 15.1 15.0 22.4





#11
Acenaphthene
Concen: 0.079 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

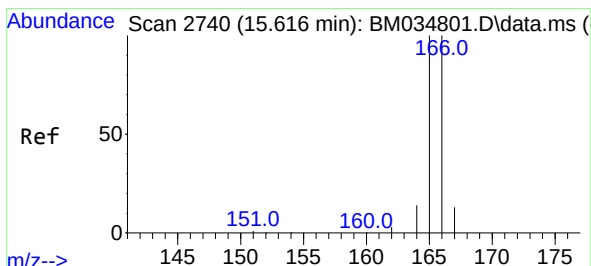
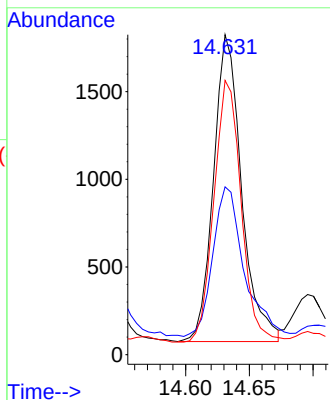
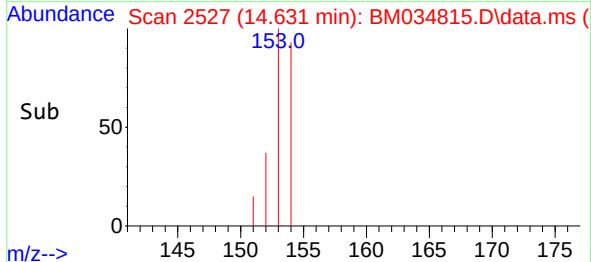
Instrument :
BNA_M
ClientSampleId :
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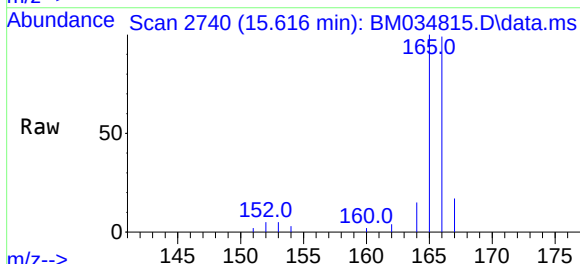
Tgt Ion:153 Resp: 2679
Ion Ratio Lower Upper
153 100
152 52.4 42.4 63.6
154 85.7 66.2 99.2

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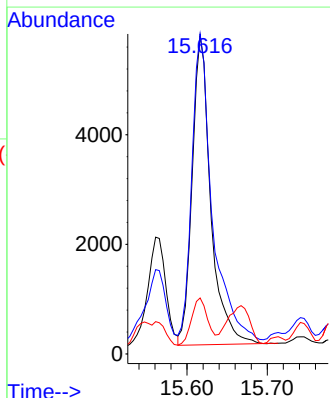
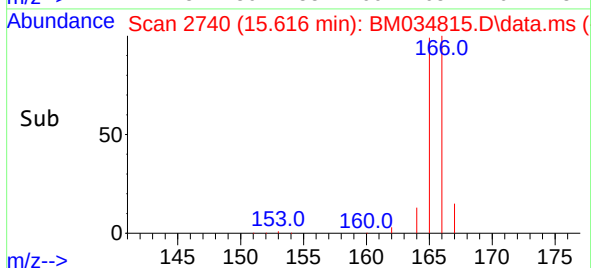
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Supervised By :Yogesh Patel 04/29/2022

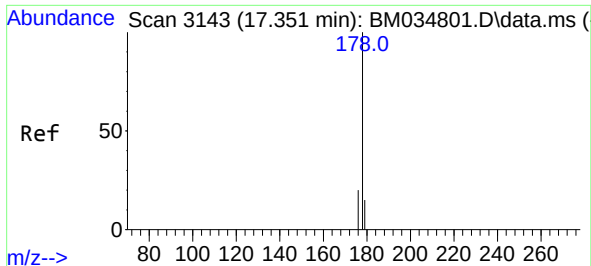


#12
Fluorene
Concen: 0.238 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.003 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



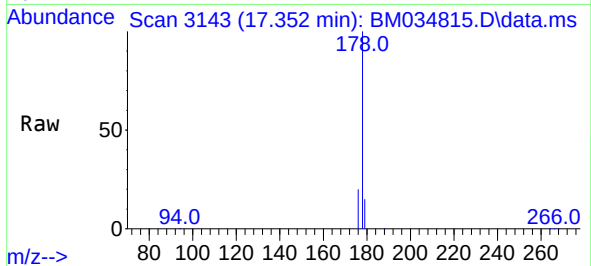
Tgt Ion:166 Resp: 9044
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 17.6 14.9 22.3





#15
Phenanthrene
Concen: 2.761 ng/u1
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

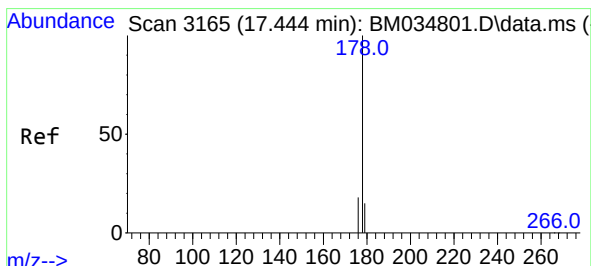
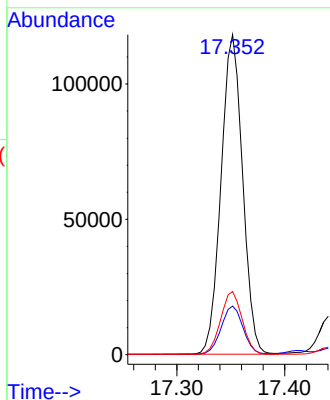
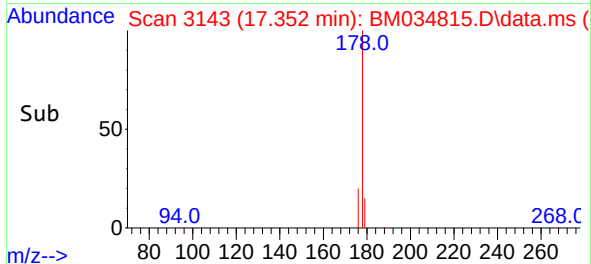
Instrument :
BNA_M
ClientSampleId :
BFFD5



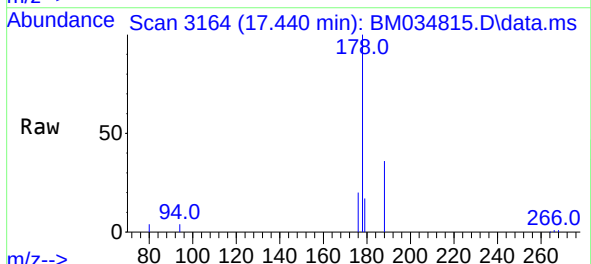
Tgt Ion:178 Resp: 16406
Ion Ratio Lower Upper
178 100
179 15.2 15.0 22.6
176 19.8 17.9 26.9

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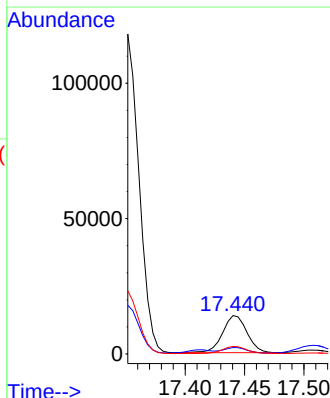
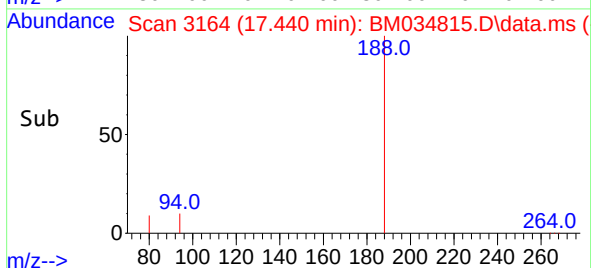
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

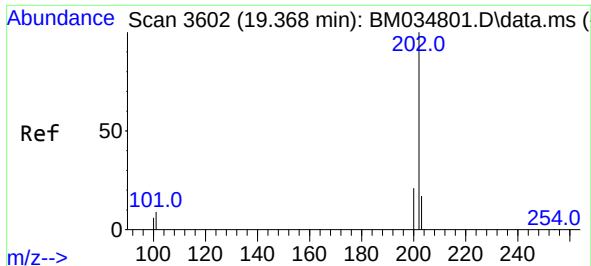


#16
Anthracene
Concen: 0.371 ng/u1
RT: 17.440 min Scan# 3164
Delta R.T. -0.007 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



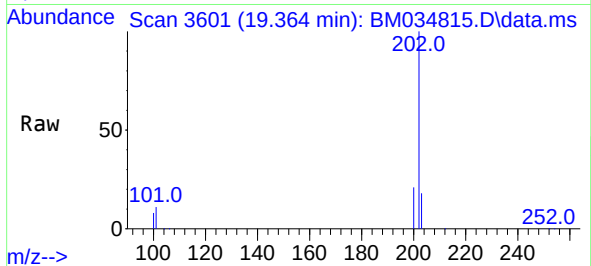
Tgt Ion:178 Resp: 19637
Ion Ratio Lower Upper
178 100
179 16.5 16.5 24.7
176 19.6 18.3 27.5





#19
Fluoranthene
Concen: 3.123 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. -0.003 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

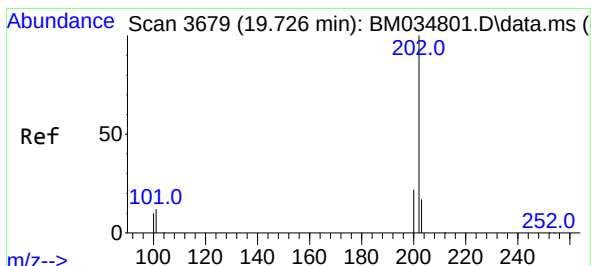
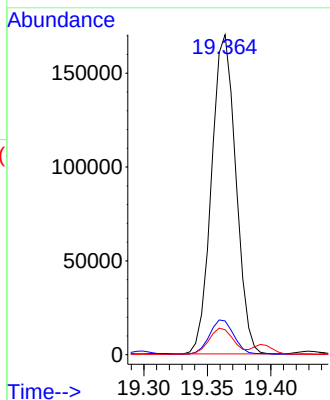
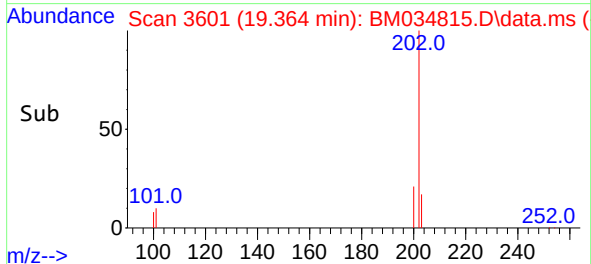
Instrument :
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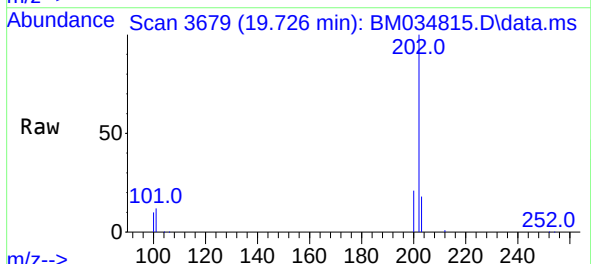
Tgt Ion:202 Resp: 226300
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 7.8 7.2 10.8

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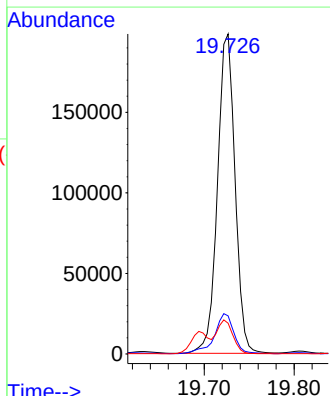
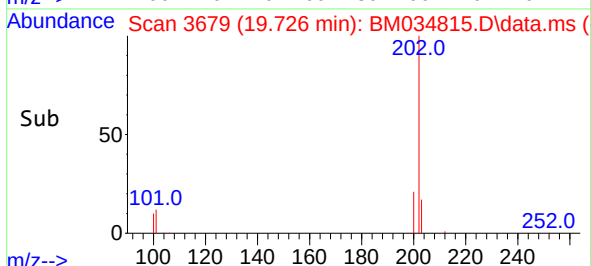
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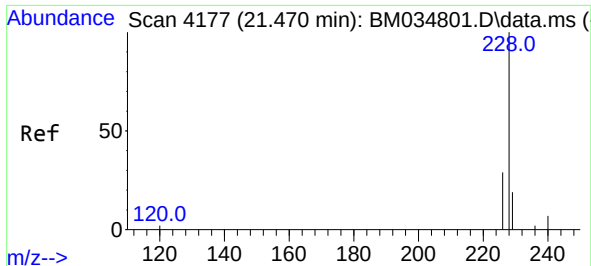


#20
Pyrene
Concen: 3.689 ng/u1
RT: 19.726 min Scan# 3679
Delta R.T. -0.003 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



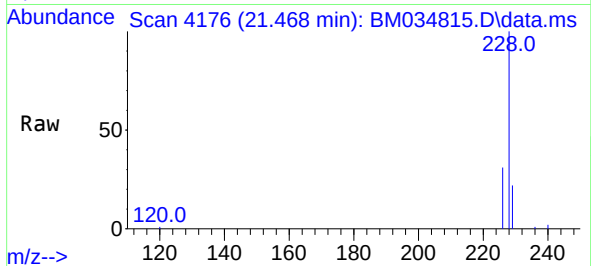
Tgt Ion:202 Resp: 268398
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
100 9.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 1.676 ng/ul
RT: 21.468 min Scan# 4177
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

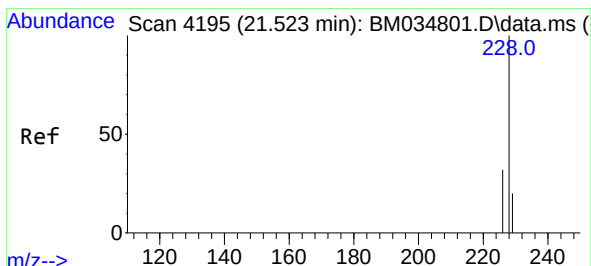
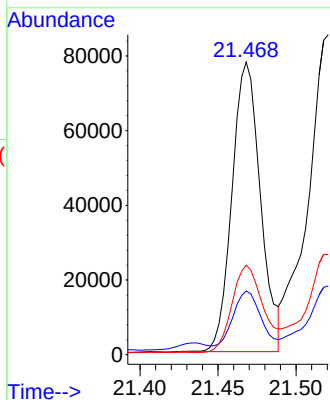
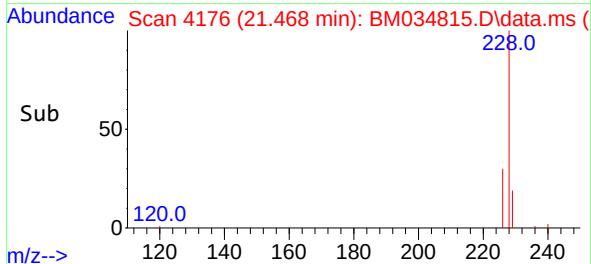
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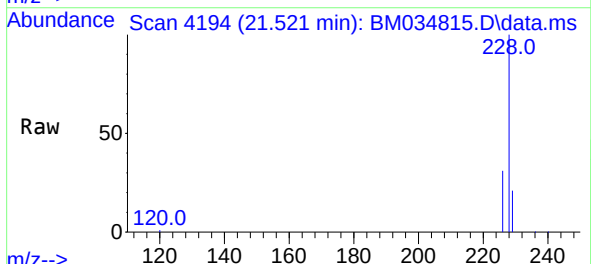
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Ion Ratio Lower Upper
228 100
229 21.7 17.3 25.9
226 30.6 23.2 34.8

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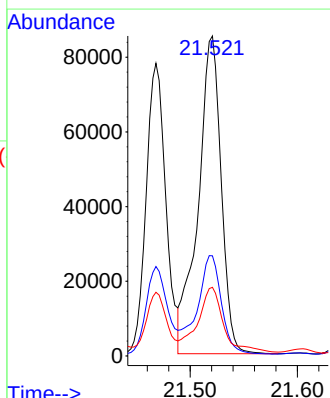
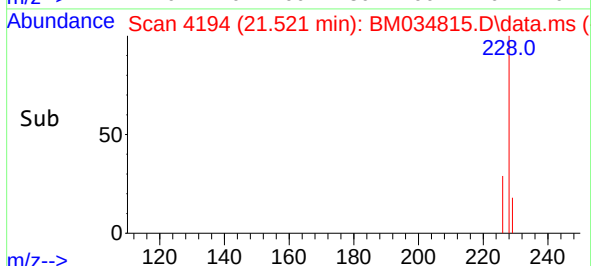
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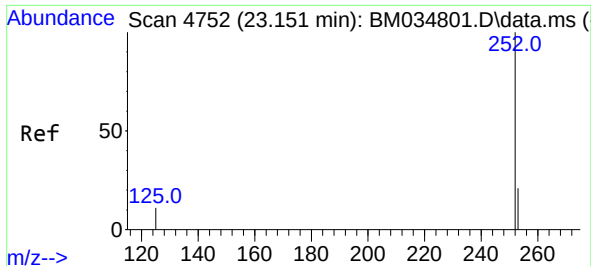


#22
Chrysene
Concen: 2.033 ng/ul
RT: 21.521 min Scan# 4194
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



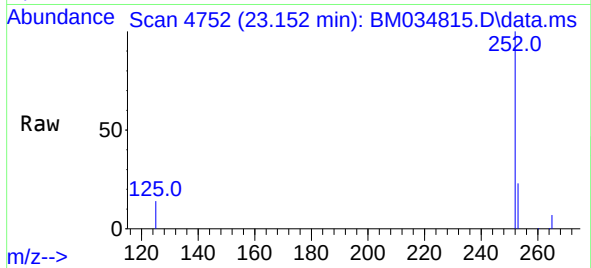
Tgt Ion:228 Resp: 127280
Ion Ratio Lower Upper
228 100
226 31.3 25.8 38.8
229 21.5 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 1.810 ng/ul
RT: 23.152 min Scan# 4752
Delta R.T. -0.001 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

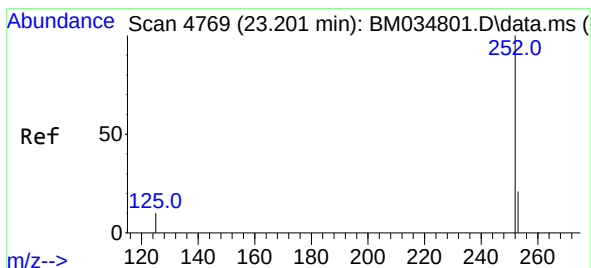
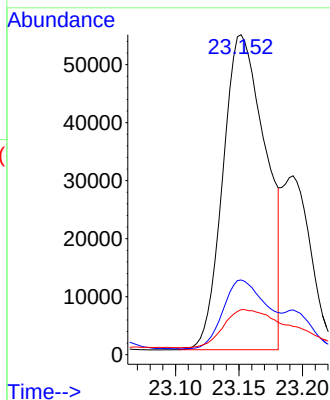
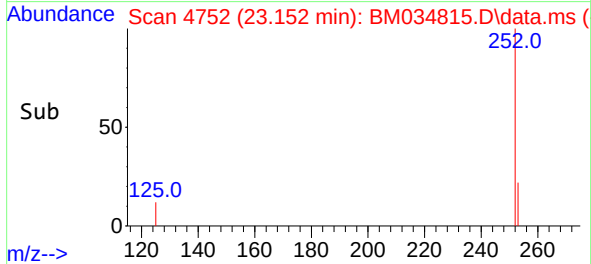
Instrument :
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ClientSampleId :
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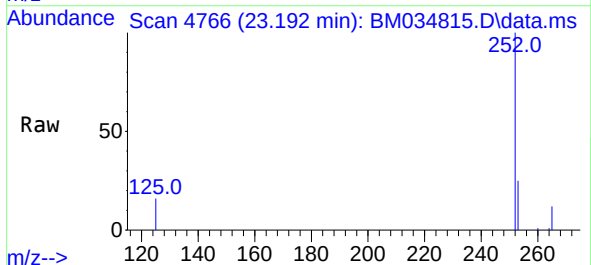
Tgt Ion:252 Resp: 127179
Ion Ratio Lower Upper
252 100
253 23.3 0.0 64.2
125 14.1 0.0 28.8

Manual Integrations
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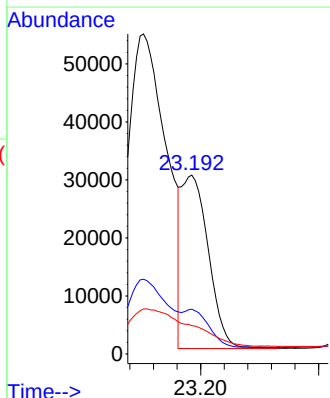
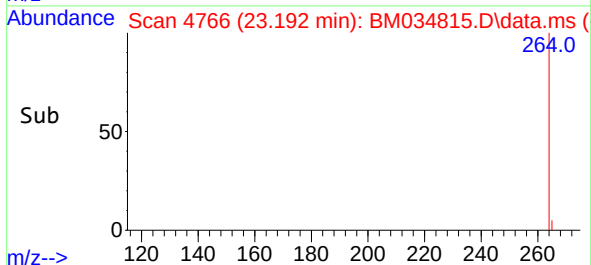
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

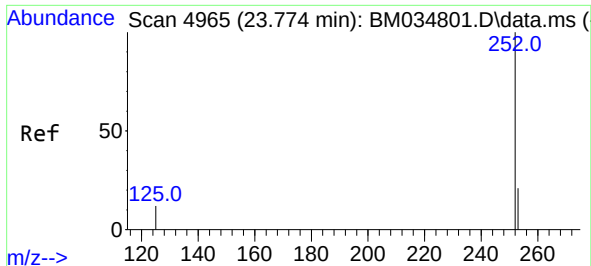


#25
Benzo(k)fluoranthene
Concen: 0.674 ng/ul m
RT: 23.192 min Scan# 4766
Delta R.T. -0.010 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



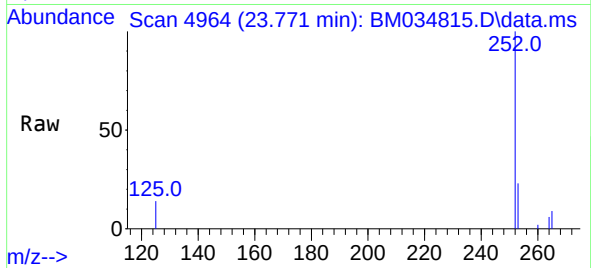
Tgt Ion:252 Resp: 47326
Ion Ratio Lower Upper
252 100
253 25.1 26.8 40.2#
125 15.8 12.0 18.0





#26
Benzo(a)pyrene
Concen: 1.649 ng/ul
RT: 23.771 min Scan# 4965
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

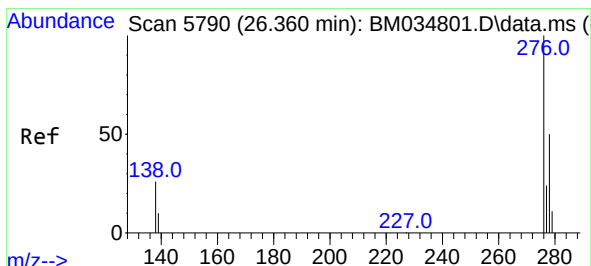
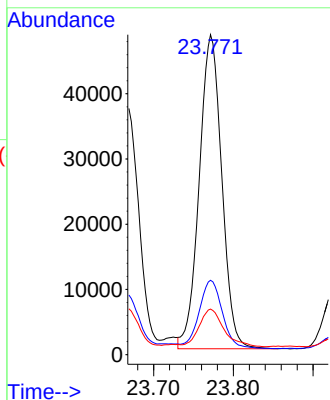
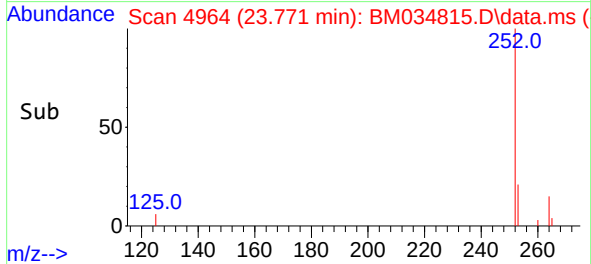
Instrument :
BNA_M
ClientSampleId :
BFFD5



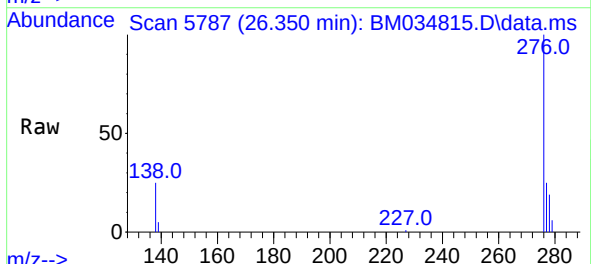
Tgt Ion:252 Resp: 94588
Ion Ratio Lower Upper
252 100
253 23.2 32.0 48.0#
125 14.3 14.5 21.7#

Manual Integrations
APPROVED

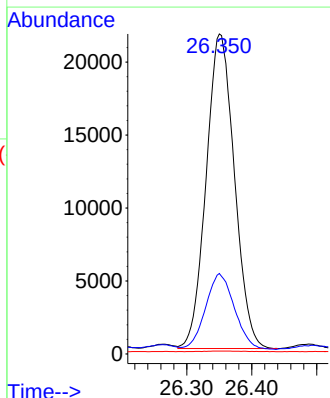
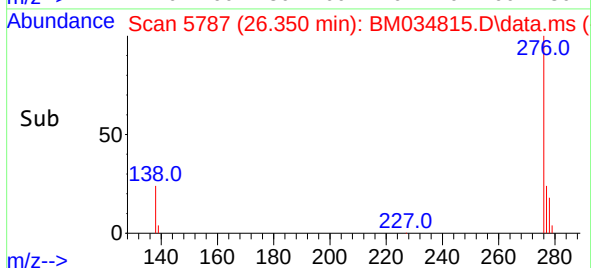
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

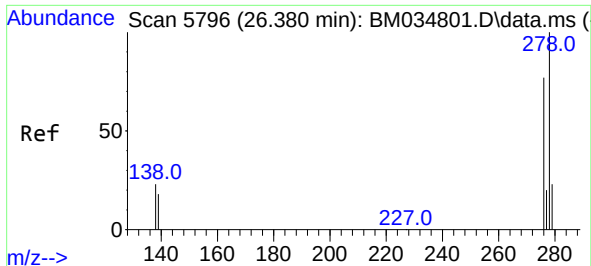


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.809 ng/ul
RT: 26.350 min Scan# 5787
Delta R.T. -0.011 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



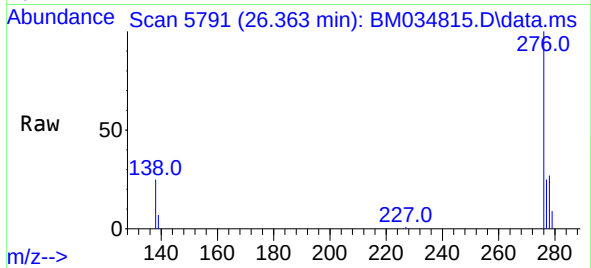
Tgt Ion:276 Resp: 65146
Ion Ratio Lower Upper
276 100
138 24.7 15.8 23.6#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.252 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.021 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49

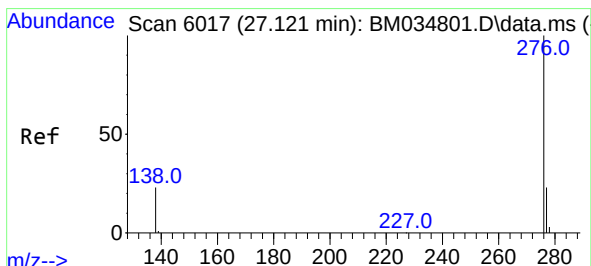
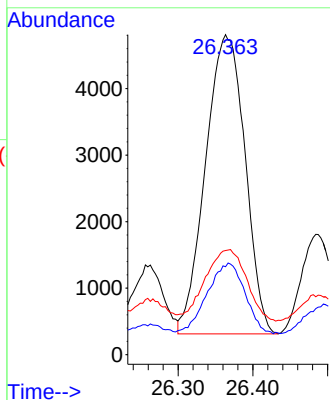
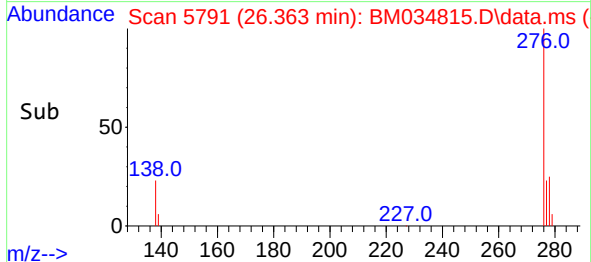
Instrument :
BNA_M
ClientSampleId :
BFFD5



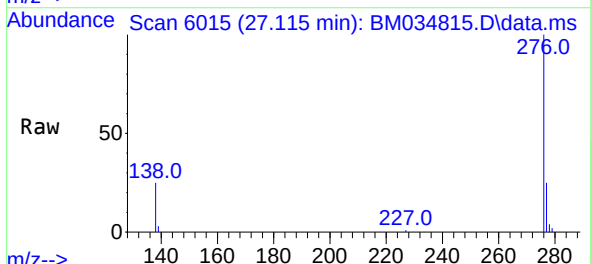
Tgt Ion:278 Resp: 16490
Ion Ratio Lower Upper
278 100
139 27.5 18.0 27.0
279 32.5 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#29
Benzo(g,h,i)perylene
Concen: 0.769 ng/ul
RT: 27.115 min Scan# 6015
Delta R.T. -0.004 min
Lab File: BM034815.D
Acq: 26 Apr 2022 00:49



Tgt Ion:276 Resp: 53442
Ion Ratio Lower Upper
276 100
138 24.8 17.4 26.0
277 24.5 22.6 33.8

