

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034541.D
 Acq On : 07 Apr 2022 11:26
 Operator : CG/JU
 Sample : N2182-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R15

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 08 04:07:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	3170	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.718	136	8413	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	4261	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	7755	0.400	ng/ul	-0.02
17) Chrysene-d12	21.477	240	6209	0.400	ng/ul	#-0.02
23) Perylene-d12	23.877	264	4337m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	8595	1.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	1482	0.134	ng/ul	-0.01
18) Fluoranthene-d10	19.320	212	3692	0.203	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	8689	0.330	ng/ul#	90
7) 2-Methylnaphthalene	12.396	142	4005	0.279	ng/ul	100
8) 1-Methylnaphthalene	12.610	142	3176	0.220	ng/ul	99
10) Acenaphthylene	14.273	152	2153	0.109	ng/ul	99
11) Acenaphthene	14.615	153	5942	0.372	ng/ul	95
12) Fluorene	15.600	166	6518	0.396	ng/ul	97
15) Phenanthrene	17.333	178	88687	3.521	ng/ul	93
16) Anthracene	17.426	178	23474	1.228	ng/ul	93
19) Fluoranthene	19.352	202	127248	4.882	ng/ul	98
20) Pyrene	19.710	202	104827	3.442	ng/ul	96
21) Benzo(a)anthracene	21.460	228	34836m	2.578	ng/ul	
22) Chrysene	21.512	228	44471m	2.785	ng/ul	
24) Benzo(b)fluoranthene	23.146	252	49322	3.476	ng/ul	91
25) Benzo(k)fluoranthene	23.187	252	22560m	1.783	ng/ul	
26) Benzo(a)pyrene	23.766	252	31218	1.884	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.377	276	21188	1.063	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.384	278	3706	0.255	ng/ul#	83
29) Benzo(g,h,i)perylene	27.139	276	18286	0.847	ng/ul	96

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

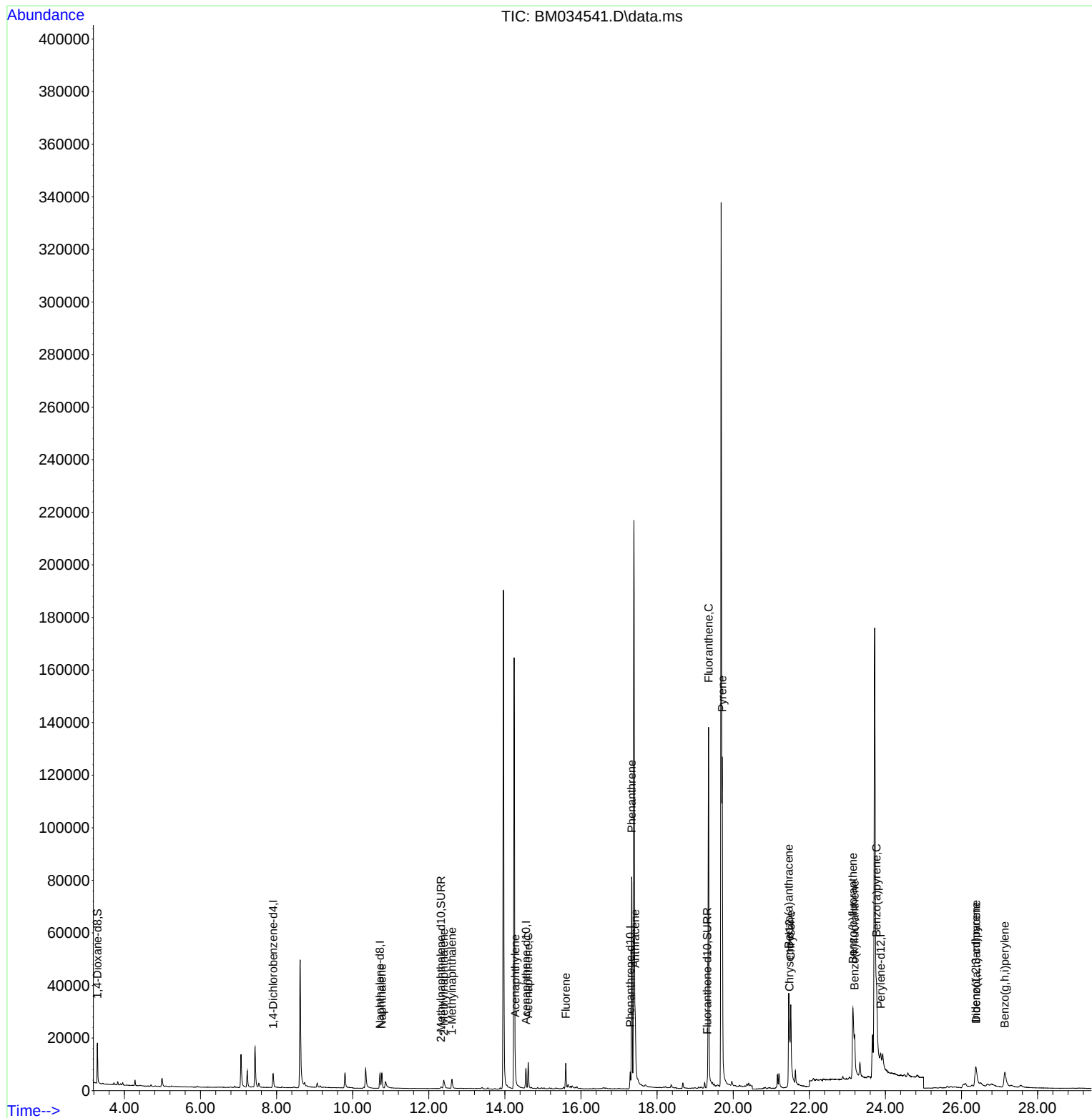
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
Data File : BM034541.D
Acq On : 07 Apr 2022 11:26
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ALS Vial : 4 Sample Multiplier: 1

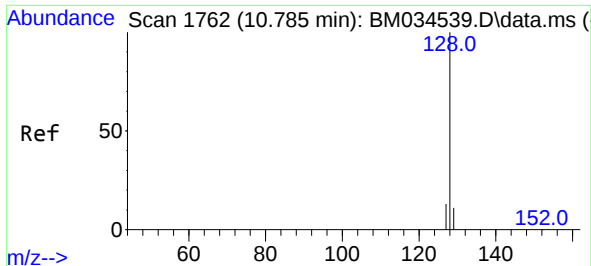
Instrument :
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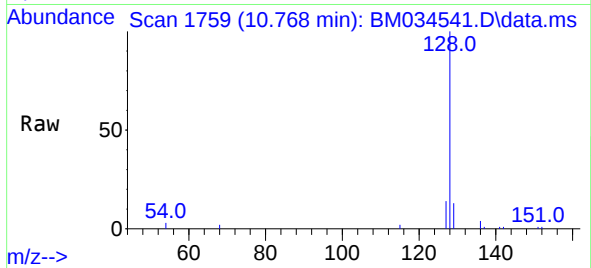
Quant Time: Apr 08 04:07:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.330 ng/ul
RT: 10.768 min Scan# 1759
Delta R.T. -0.017 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

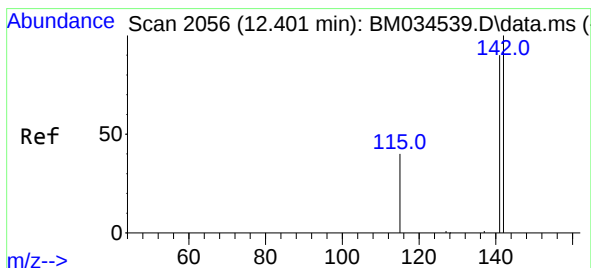
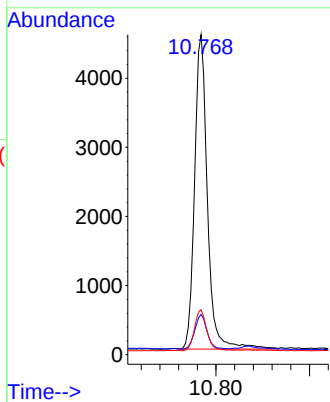
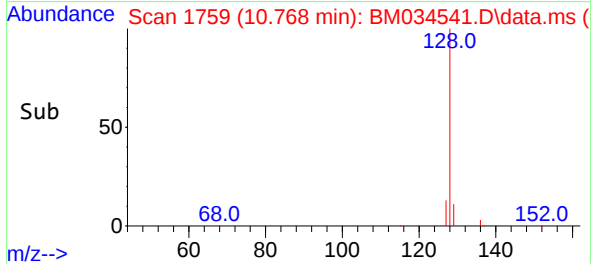
Instrument :
BNA_M
ClientSampleId :
C0R15



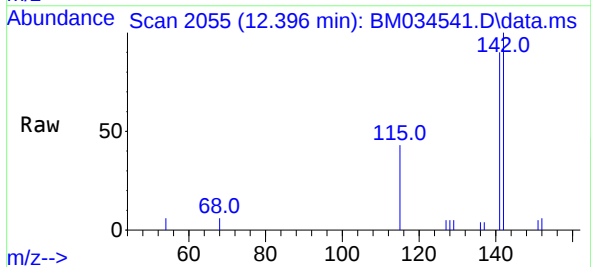
Tgt Ion:128 Resp: 8689
Ion Ratio Lower Upper
128 100
129 12.6 13.4 20.2
127 14.0 15.2 22.8

Manual Integrations
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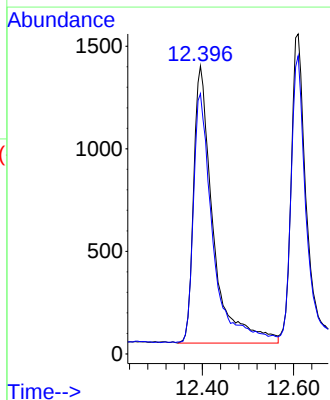
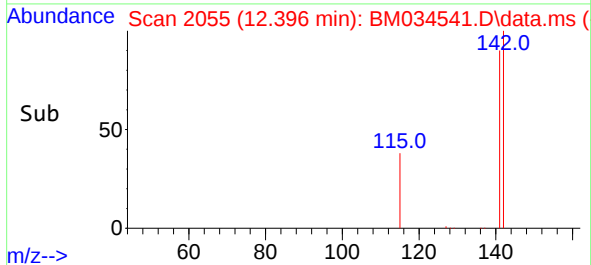
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

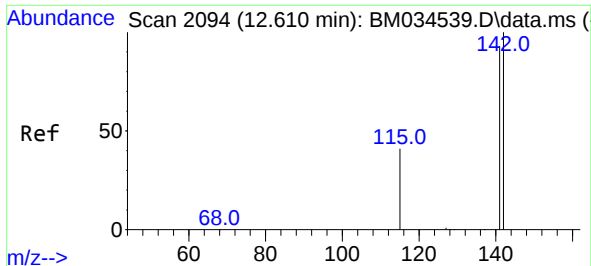


#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26



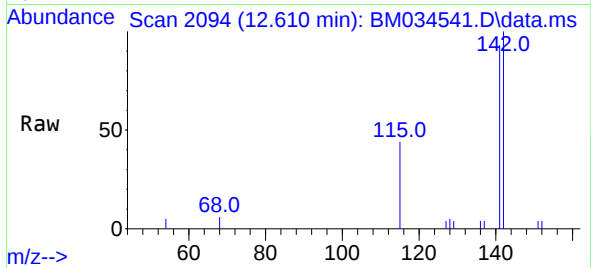
Tgt Ion:142 Resp: 4005
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.610 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

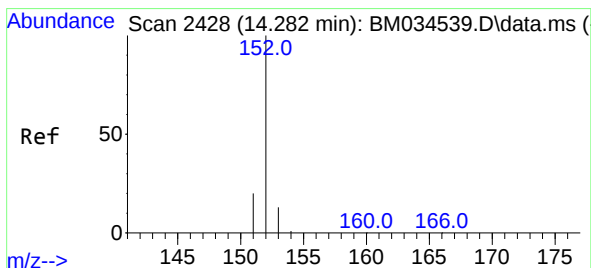
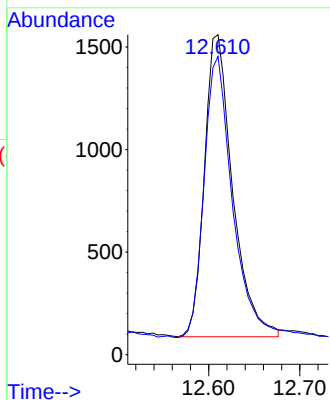
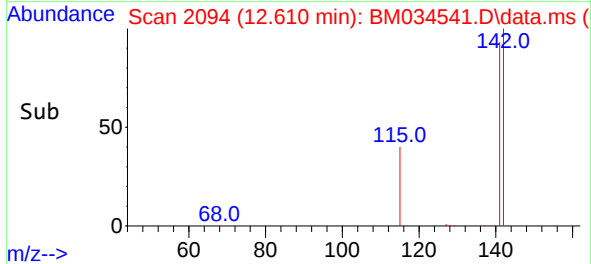
Instrument :
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C0R15



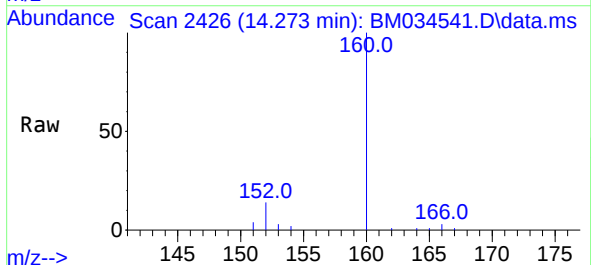
Tgt Ion:142 Resp: 3170
Ion Ratio Lower Upper
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141 93.2 75.0 112.4

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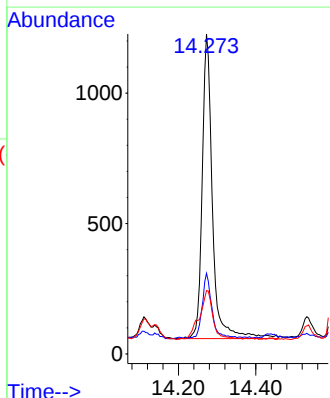
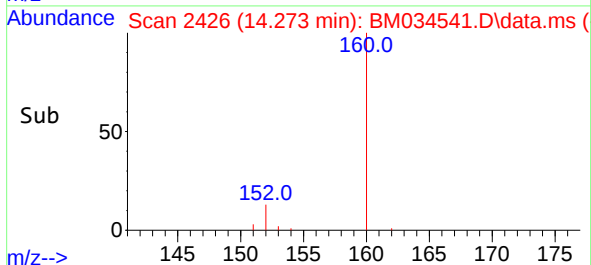
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

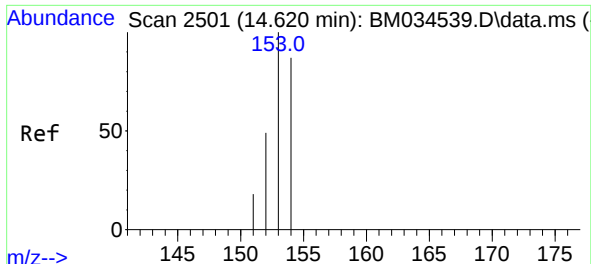


#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.014 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26



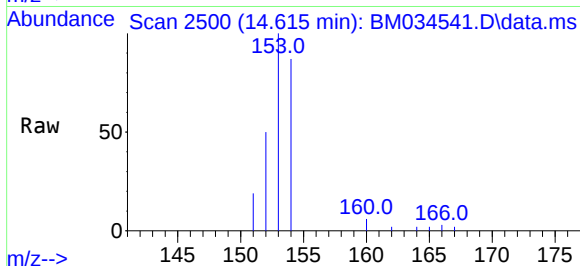
Tgt Ion:152 Resp: 2153
Ion Ratio Lower Upper
152 100
151 25.2 19.9 29.9
153 19.8 15.0 22.4





#11
Acenaphthene
Concen: 0.372 ng/ul
RT: 14.615 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

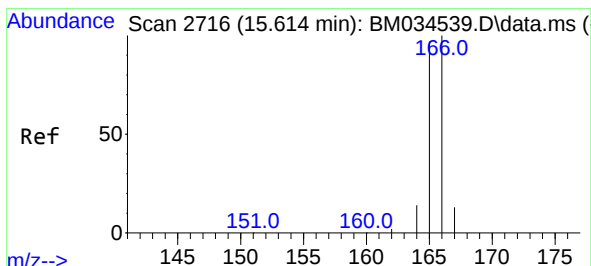
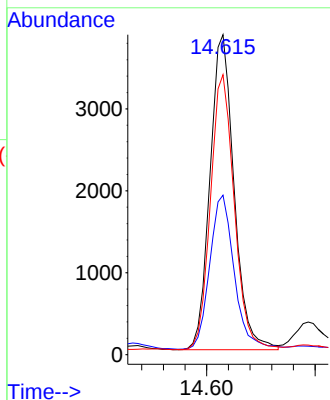
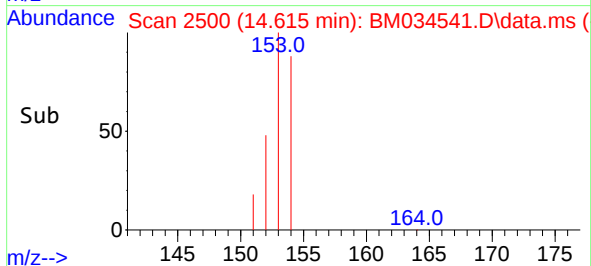
Instrument :
BNA_M
ClientSampleId :
C0R15



Tgt Ion:153 Resp: 594
Ion Ratio Lower Upper
153 100
152 49.8 42.4 63.6
154 87.5 66.2 99.2

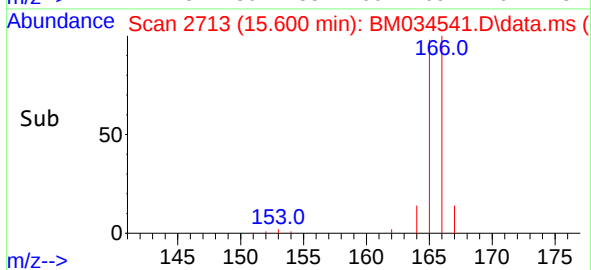
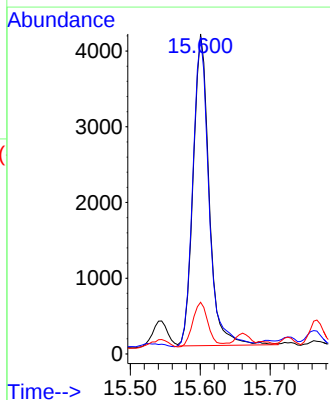
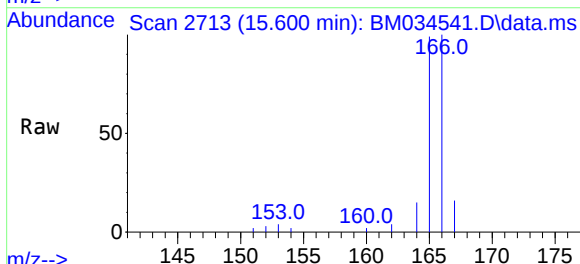
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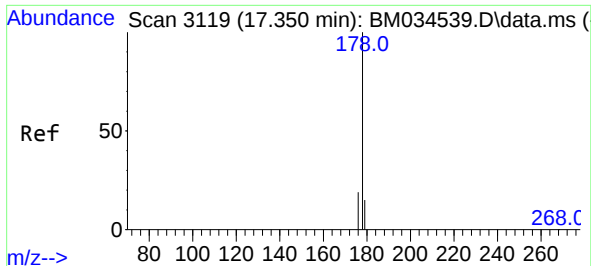
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.600 min Scan# 2713
Delta R.T. -0.019 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

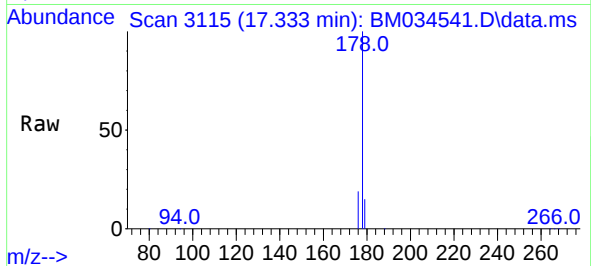
Tgt Ion:166 Resp: 6518
Ion Ratio Lower Upper
166 100
165 99.0 81.1 121.7
167 16.1 14.9 22.3





#15
Phenanthrene
Concen: 3.521 ng/ul
RT: 17.333 min Scan# 3115
Delta R.T. -0.021 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

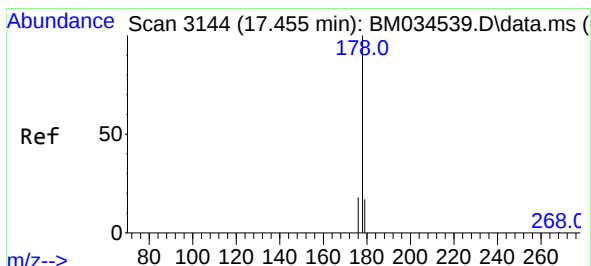
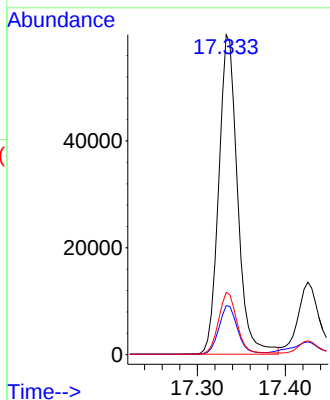
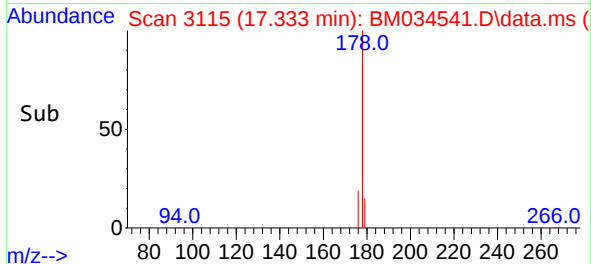
Instrument :
BNA_M
ClientSampleId :
COR15



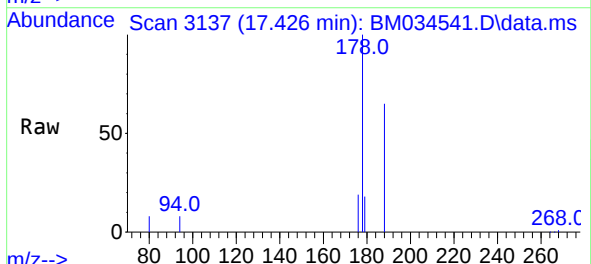
Tgt Ion:178 Resp: 8868
Ion Ratio Lower Upper
178 100
179 15.3 15.0 22.6
176 19.4 17.9 26.9

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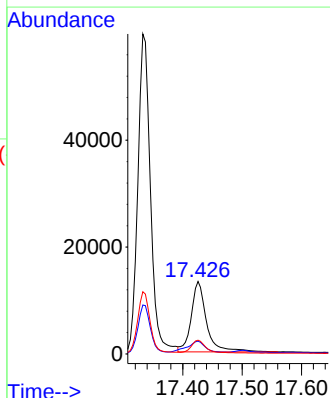
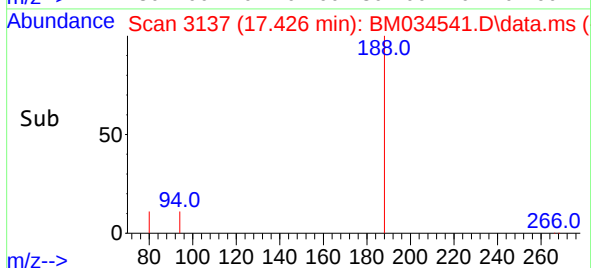
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

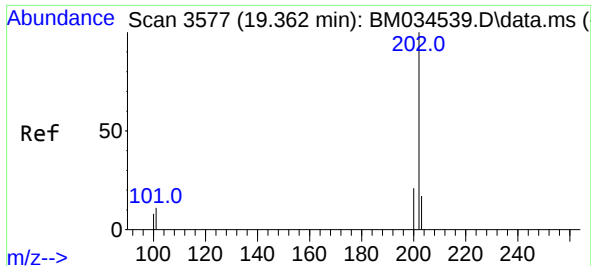


#16
Anthracene
Concen: 1.228 ng/ul
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26



Tgt Ion:178 Resp: 23474
Ion Ratio Lower Upper
178 100
179 17.7 16.5 24.7
176 19.1 18.3 27.5





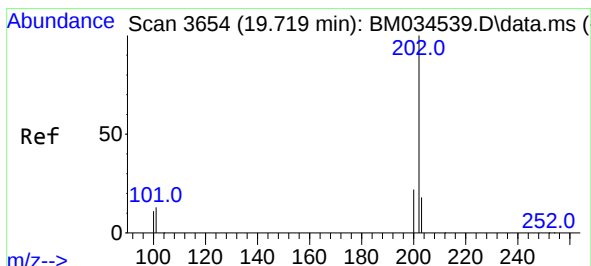
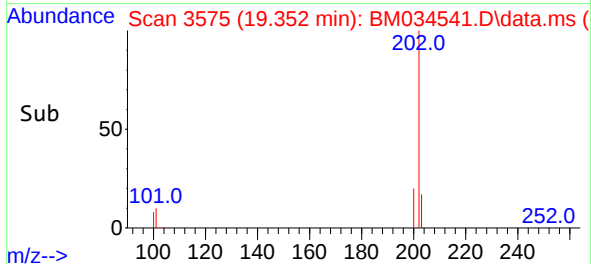
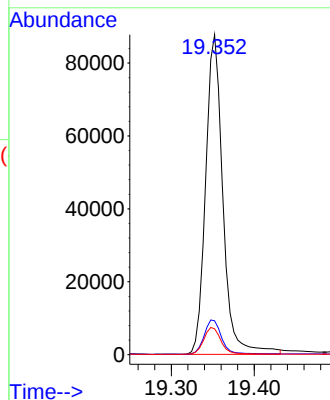
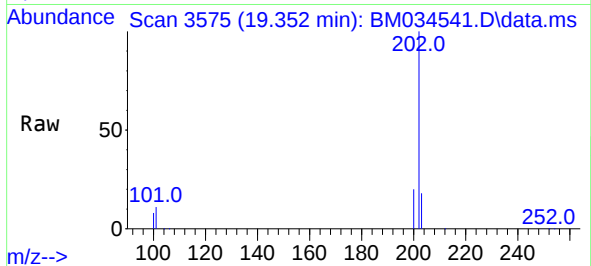
#19
Fluoranthene
Concen: 4.882 ng/u1
RT: 19.352 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

Instrument :
BNA_M
ClientSampleId :
C0R15

Tgt Ion:202 Resp: 12724
Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.1 7.2 10.8

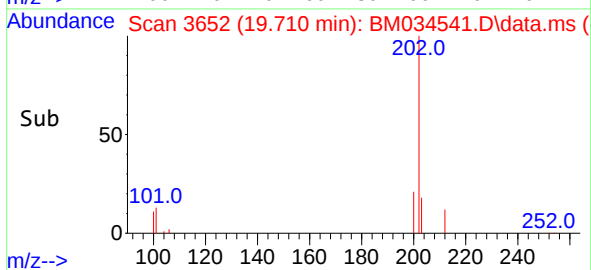
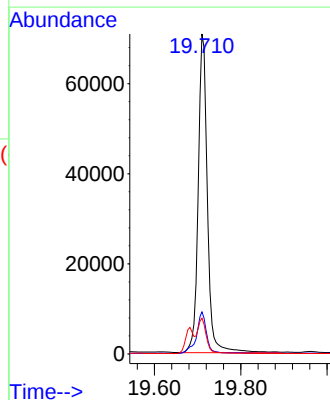
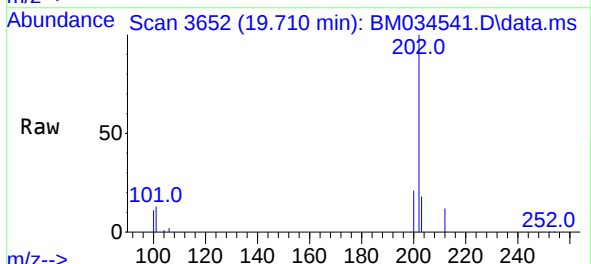
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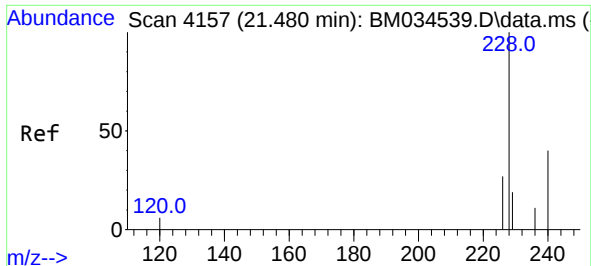
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#20
Pyrene
Concen: 3.442 ng/u1
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

Tgt Ion:202 Resp: 104827
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 11.2 7.8 11.6





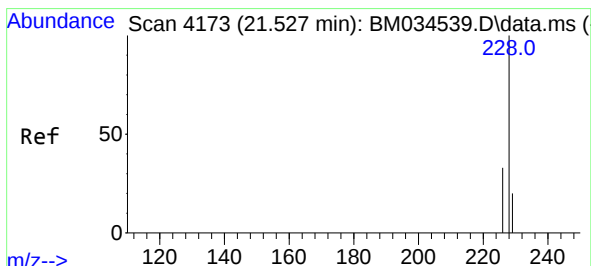
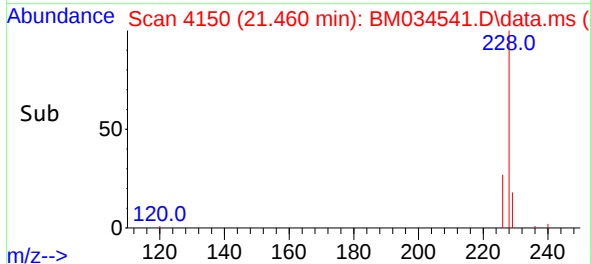
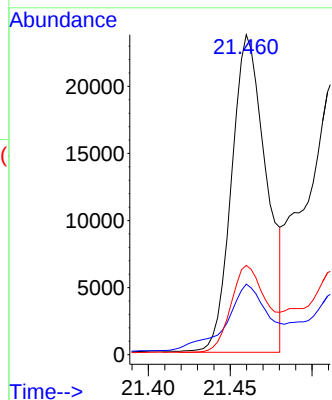
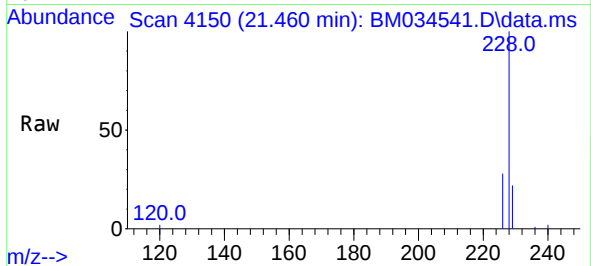
#21
Benzo(a)anthracene
Concen: 2.578 ng/ul m
RT: 21.460 min Scan# 4157
Delta R.T. -0.020 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

Instrument :
BNA_M
ClientSampleId :
COR15

Tgt Ion:228 Resp: 34830
Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 27.9 23.2 34.8

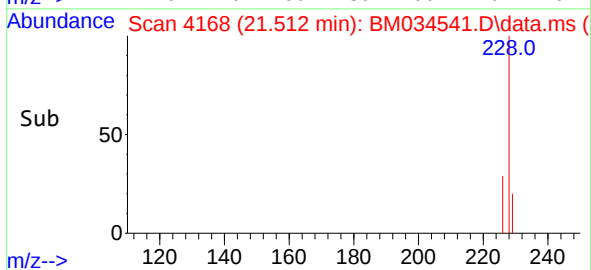
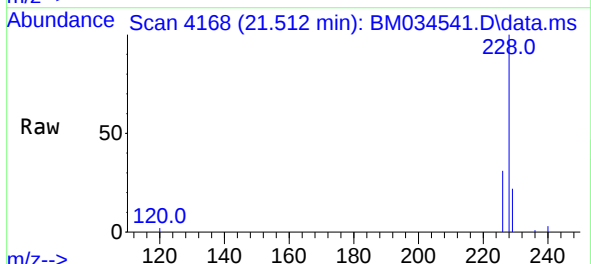
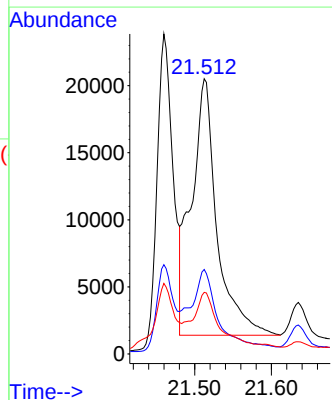
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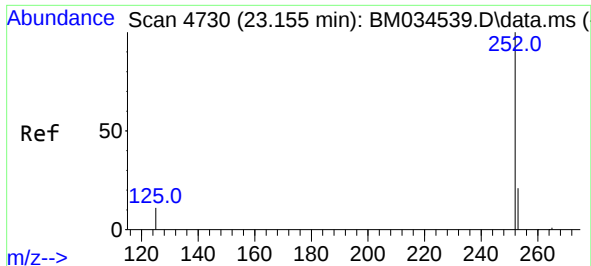
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#22
Chrysene
Concen: 2.785 ng/ul m
RT: 21.512 min Scan# 4168
Delta R.T. -0.015 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

Tgt Ion:228 Resp: 44471
Ion Ratio Lower Upper
228 100
226 30.7 25.8 38.8
229 22.4 16.7 25.1





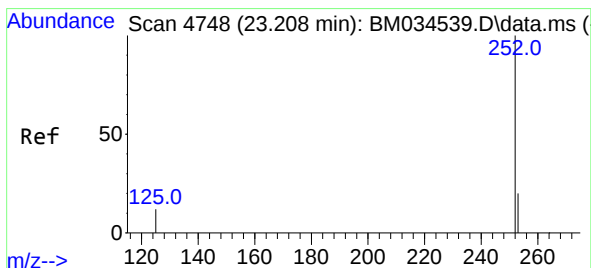
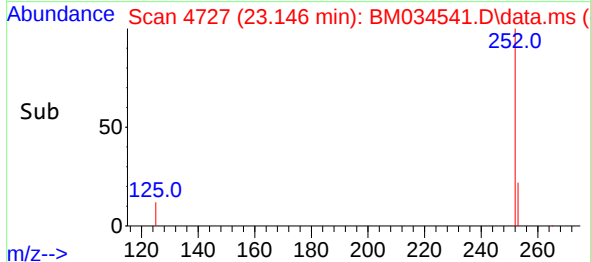
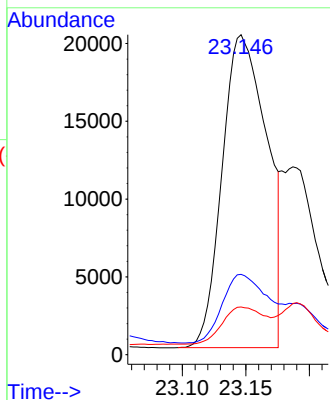
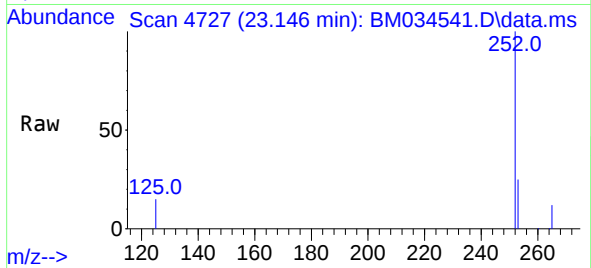
#24
Benzo(b)fluoranthene
Concen: 3.476 ng/ul
RT: 23.146 min Scan# 4730
Delta R.T. -0.015 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

Instrument :
BNA_M
ClientSampleId :
COR15

Tgt Ion:252 Resp: 4932
Ion Ratio Lower Upper
252 100
253 25.1 0.0 64.2
125 14.9 0.0 28.8

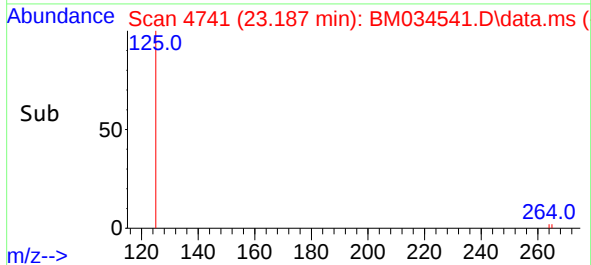
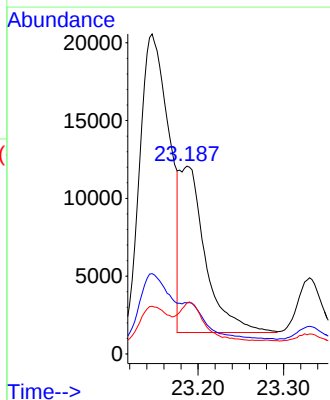
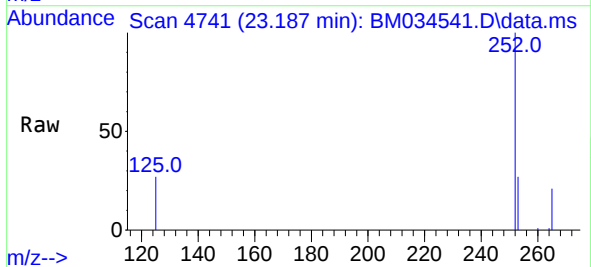
Manual Integrations
APPROVED

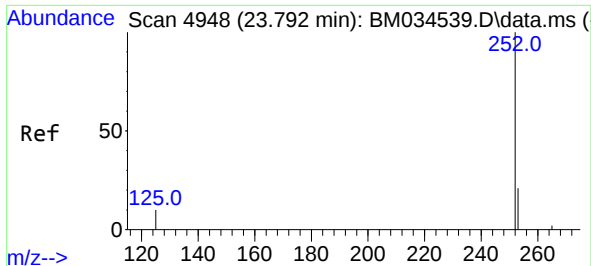
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#25
Benzo(k)fluoranthene
Concen: 1.783 ng/ul m
RT: 23.187 min Scan# 4741
Delta R.T. -0.024 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

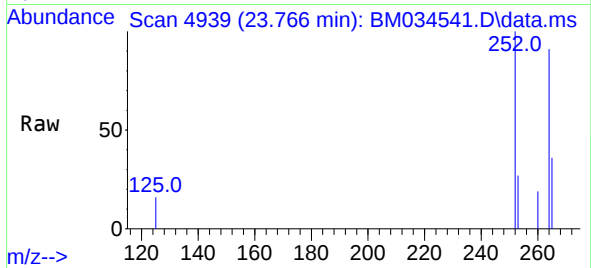
Tgt Ion:252 Resp: 22560
Ion Ratio Lower Upper
252 100
253 27.2 26.8 40.2
125 27.2 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 1.884 ng/ul
RT: 23.766 min Scan# 4939
Delta R.T. -0.029 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

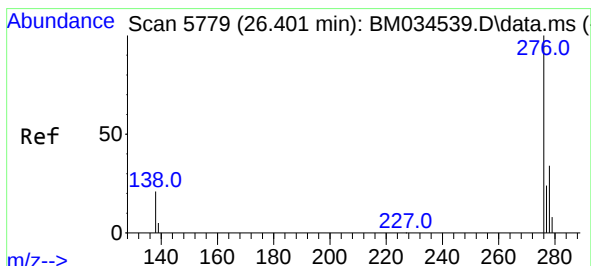
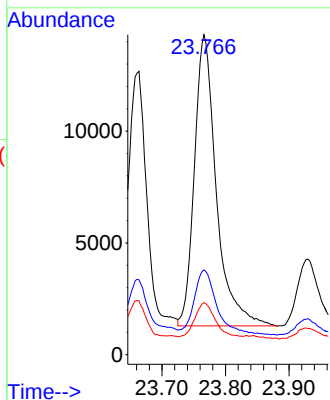
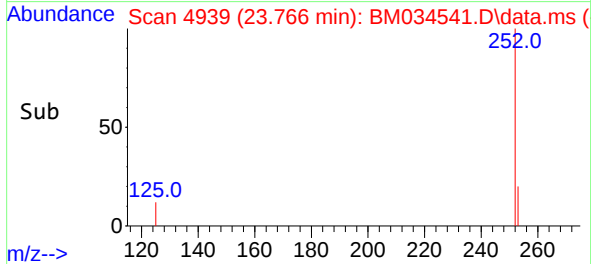
Instrument :
BNA_M
ClientSampleId :
COR15



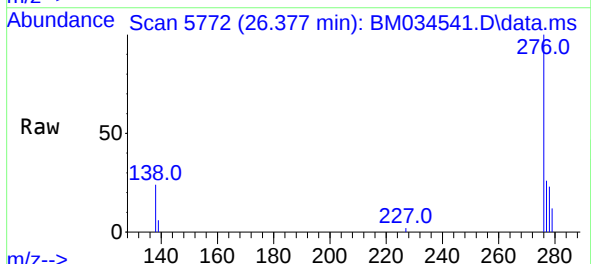
Tgt Ion:252 Resp: 31218
Ion Ratio Lower Upper
252 100
253 26.5 32.0 48.0
125 16.2 14.5 21.7

Manual Integrations
APPROVED

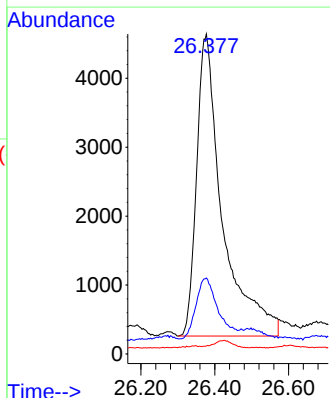
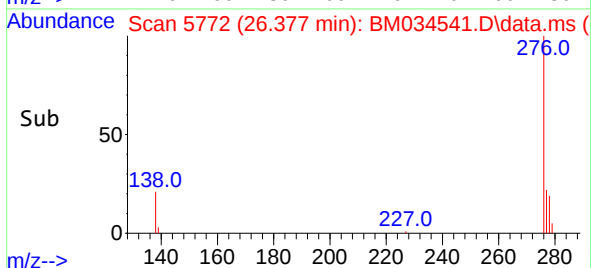
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

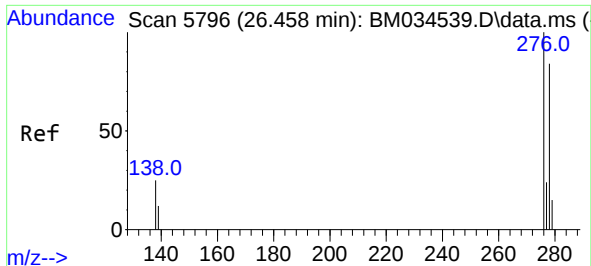


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.063 ng/ul
RT: 26.377 min Scan# 5772
Delta R.T. -0.034 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26



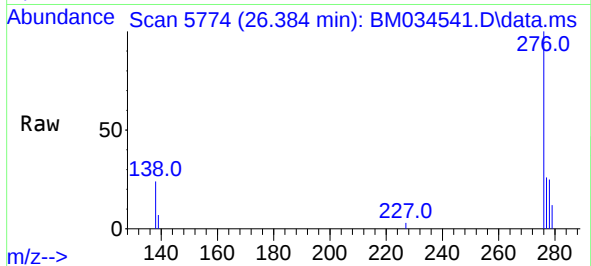
Tgt Ion:276 Resp: 21188
Ion Ratio Lower Upper
276 100
138 20.2 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 26.384 min Scan# 51
Delta R.T. -0.077 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26

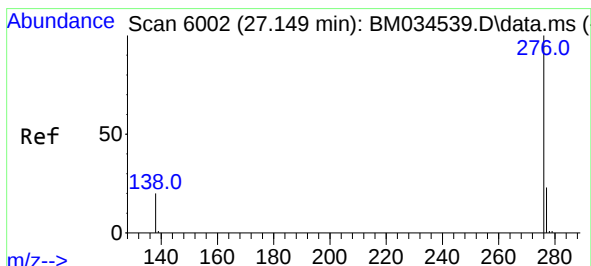
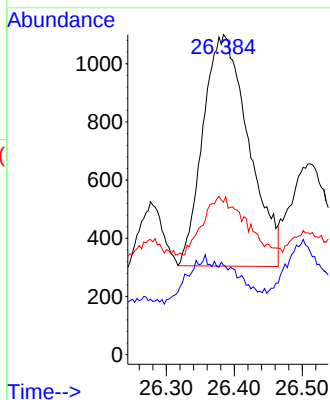
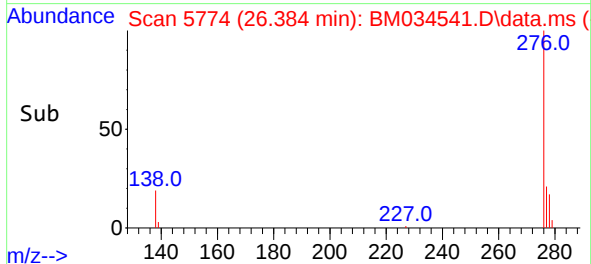
Instrument :
BNA_M
ClientSampleId :
C0R15



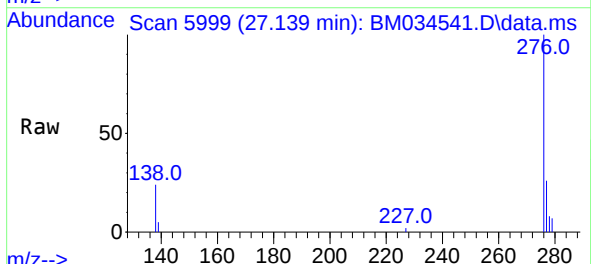
Tgt Ion:278 Resp: 3700
Ion Ratio Lower Upper
278 100
139 28.0 18.0 27.0
279 47.6 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#29
Benzo(g,h,i)perylene
Concen: 0.847 ng/ul
RT: 27.139 min Scan# 5999
Delta R.T. -0.030 min
Lab File: BM034541.D
Acq: 07 Apr 2022 11:26



Tgt Ion:276 Resp: 18286
Ion Ratio Lower Upper
276 100
138 23.9 17.4 26.0
277 26.3 22.6 33.8

