

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034542.D
 Acq On : 07 Apr 2022 12:28
 Operator : CG/JU
 Sample : N2182-08DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R15DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 04:12:31 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	7.916	152	2894	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136	7683	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164	3966	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	7063	0.400	ng/ul	-0.02
17) Chrysene-d12	21.480	240	5936	0.400	ng/ul	#-0.01
23) Perylene-d12	23.874	264	4010m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	1911	0.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	284	0.028	ng/ul	0.01
18) Fluoranthene-d10	19.325	212	813	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.779	128	1855	0.077	ng/ul	96
7) 2-Methylnaphthalene	12.418	142	824	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.627	142	629	0.048	ng/ul	100
10) Acenaphthylene	14.278	152	595	0.032	ng/ul#	75
11) Acenaphthene	14.620	153	1285	0.086	ng/ul	99
12) Fluorene	15.605	166	1351	0.088	ng/ul	95
15) Phenanthrene	17.337	178	18501	0.807	ng/ul	94
16) Anthracene	17.430	178	4856	0.279	ng/ul	98
19) Fluoranthene	19.352	202	27287	1.095	ng/ul	100
20) Pyrene	19.715	202	24044	0.826	ng/ul	96
21) Benzo(a)anthracene	21.466	228	5348m	0.414	ng/ul	
22) Chrysene	21.515	228	9458m	0.619	ng/ul	
24) Benzo(b)fluoranthene	23.149	252	9343	0.712	ng/ul	85
25) Benzo(k)fluoranthene	23.181	252	4646m	0.397	ng/ul	
26) Benzo(a)pyrene	23.769	252	5611	0.366	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.388	276	4168	0.226	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.378	278	674	0.050	ng/ul#	1
29) Benzo(g,h,i)perylene	27.149	276	3782	0.189	ng/ul#	81

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

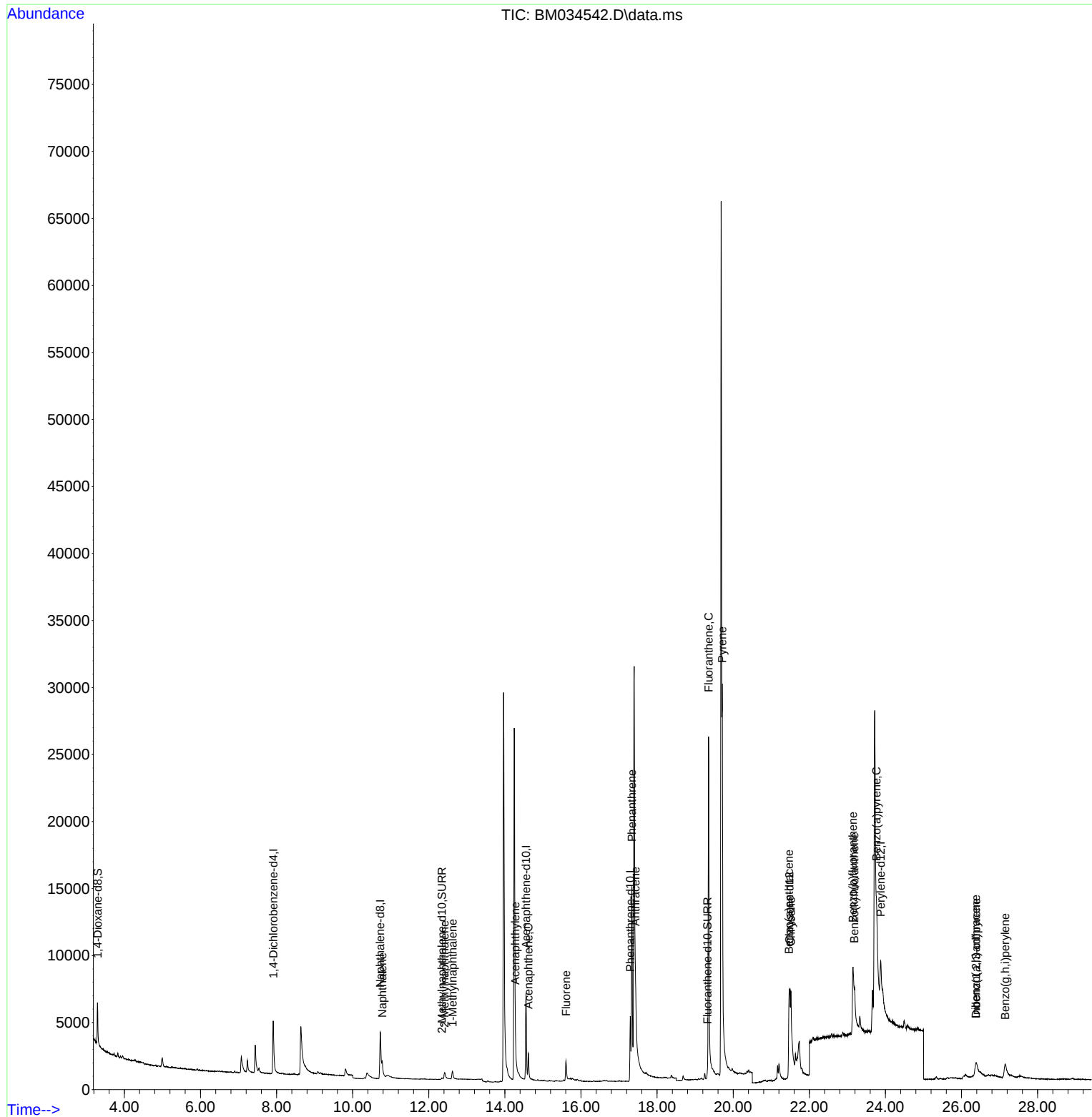
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
Data File : BM034542.D
Acq On : 07 Apr 2022 12:28
Operator : CG/JU
Sample : N2182-08DL 5X
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ALS Vial : 5 Sample Multiplier: 1

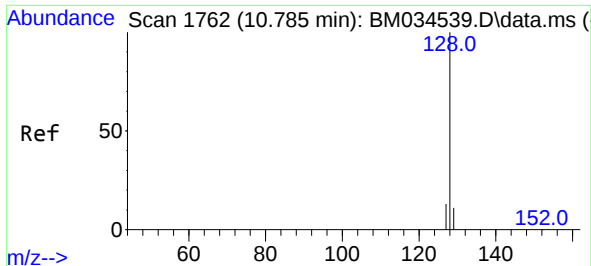
Instrument :
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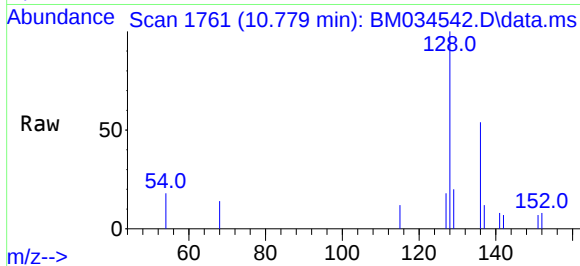
Quant Time: Apr 08 04:12:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
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#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.779 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

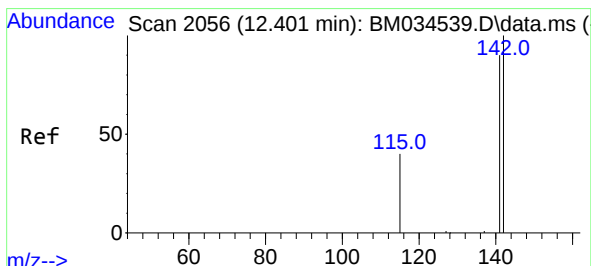
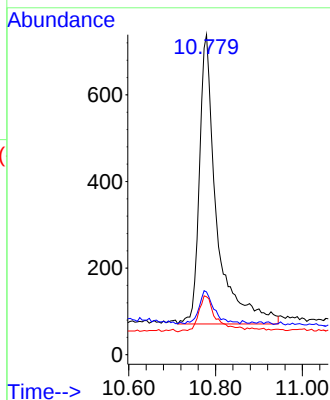
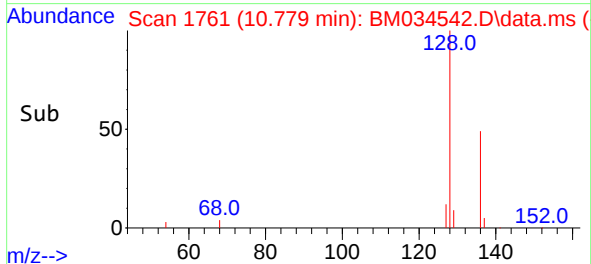
Instrument :
BNA_M
ClientSampleId :
C0R15DL



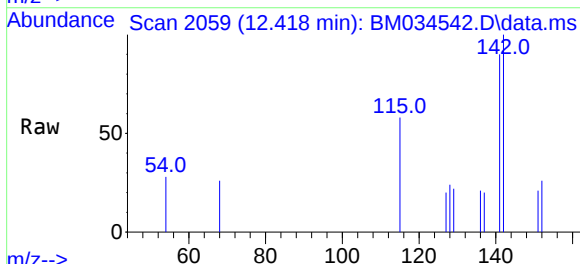
Tgt Ion:128 Resp: 185
Ion Ratio Lower Upper
128 100
129 19.6 13.4 20.2
127 18.1 15.2 22.8

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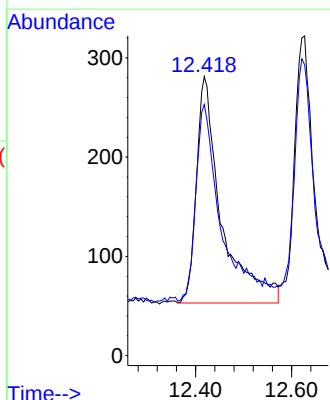
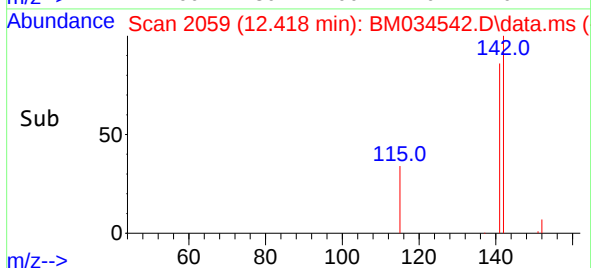
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

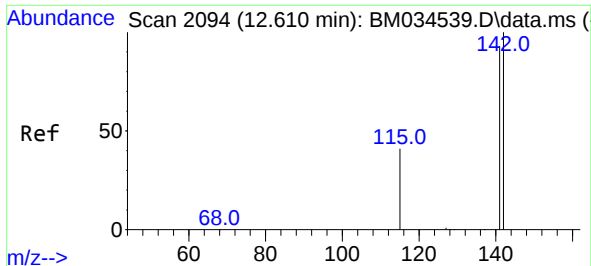


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.418 min Scan# 2059
Delta R.T. 0.011 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28



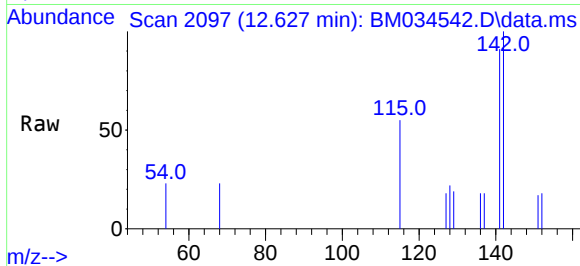
Tgt Ion:142 Resp: 824
Ion Ratio Lower Upper
142 100
141 88.3 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.011 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

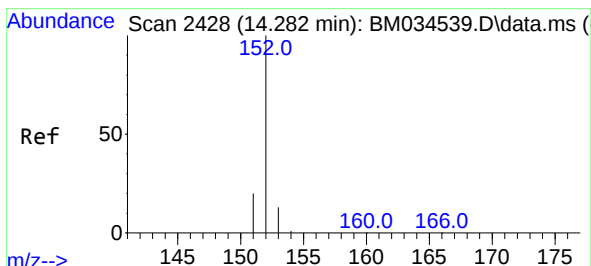
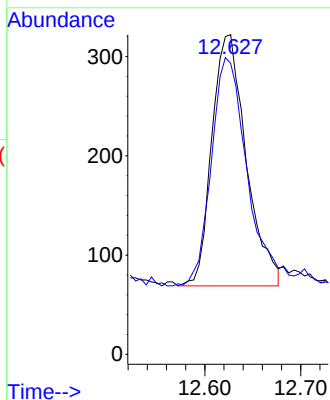
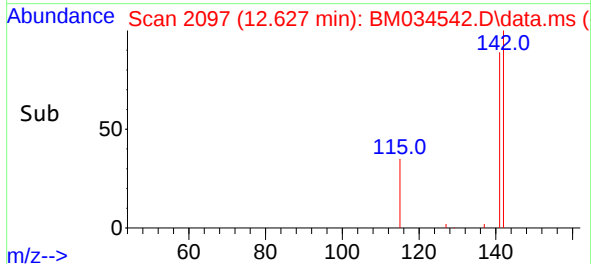
Instrument :
BNA_M
ClientSampleId :
COR15DL



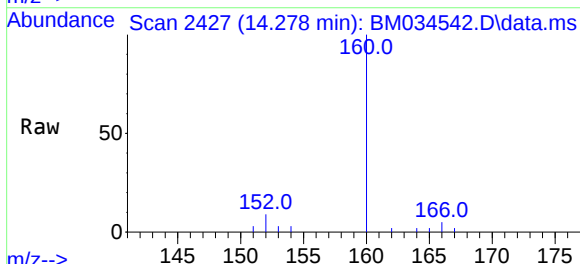
Tgt Ion:142 Resp: 629
Ion Ratio Lower Upper
142 100
141 93.6 75.0 112.4

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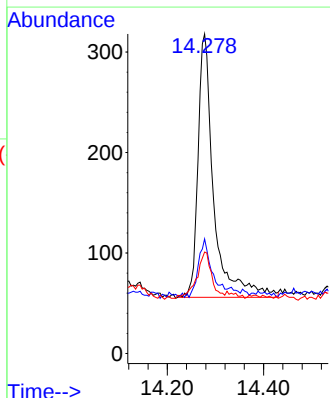
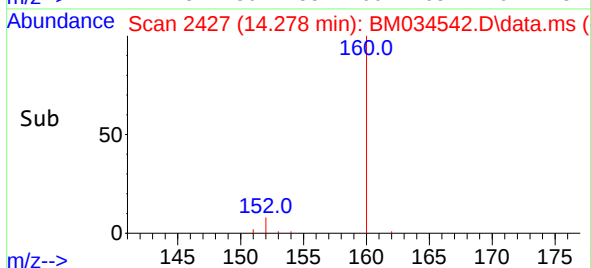
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

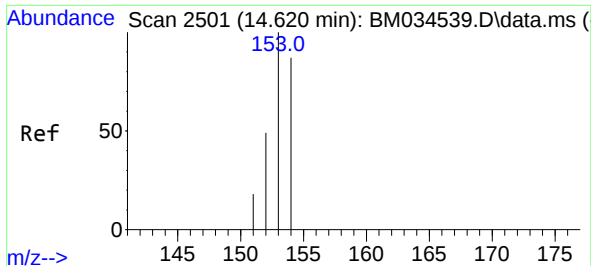


#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28



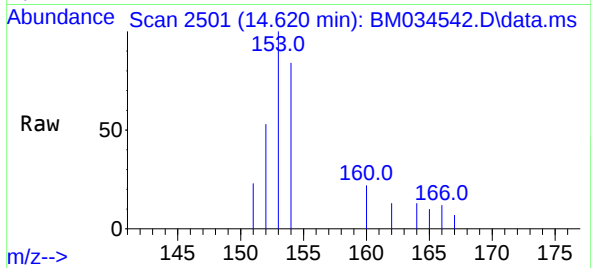
Tgt Ion:152 Resp: 595
Ion Ratio Lower Upper
152 100
151 35.8 19.9 29.9#
153 31.8 15.0 22.4#





#11
Acenaphthene
Concen: 0.086 ng/u1
RT: 14.620 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

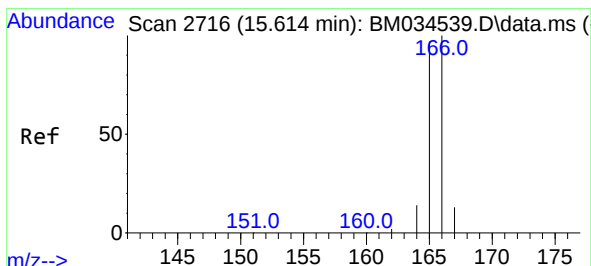
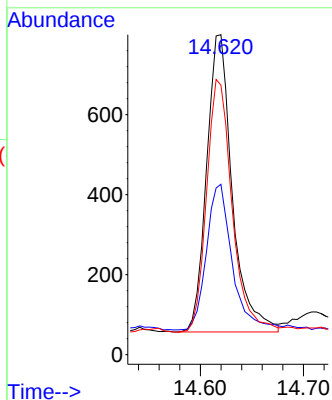
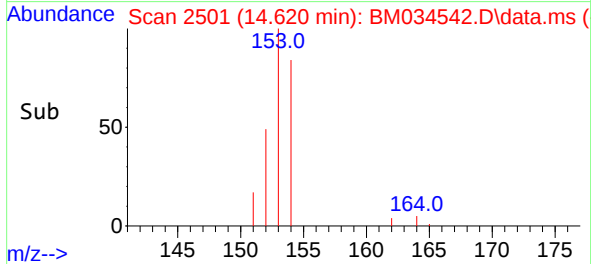
Instrument :
BNA_M
ClientSampleId :
C0R15DL



Tgt Ion:153 Resp: 128
Ion Ratio Lower Upper
153 100
152 53.3 42.4 63.6
154 84.2 66.2 99.2

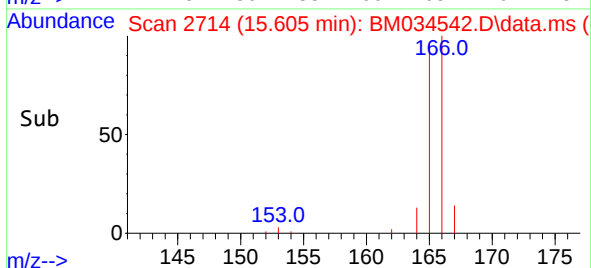
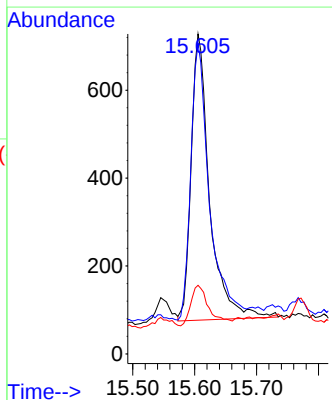
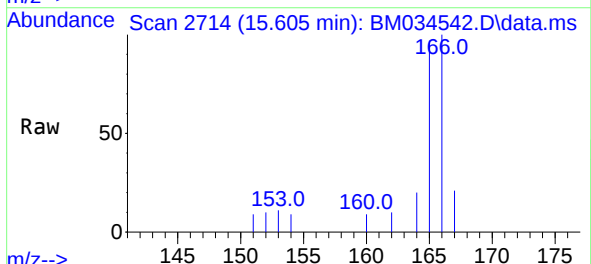
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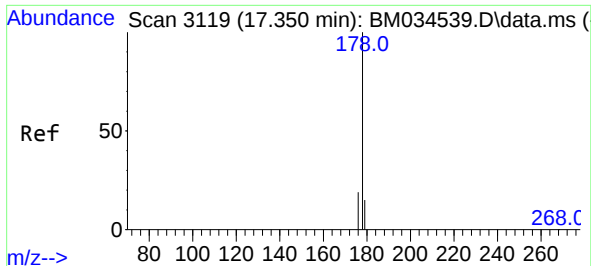
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#12
Fluorene
Concen: 0.088 ng/u1
RT: 15.605 min Scan# 2714
Delta R.T. -0.014 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

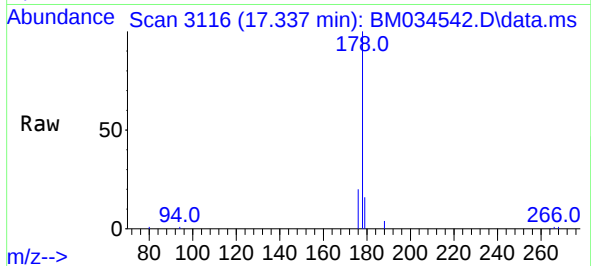
Tgt Ion:166 Resp: 1351
Ion Ratio Lower Upper
166 100
165 97.1 81.1 121.7
167 21.4 14.9 22.3





#15
Phenanthrene
Concen: 0.807 ng/u1
RT: 17.337 min Scan# 3119
Delta R.T. -0.017 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

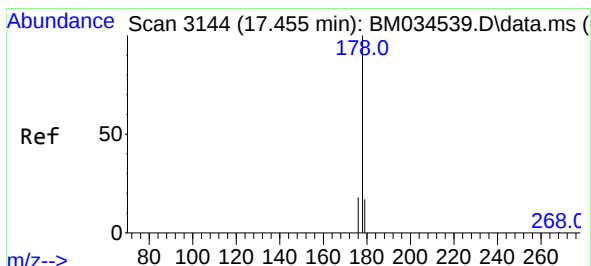
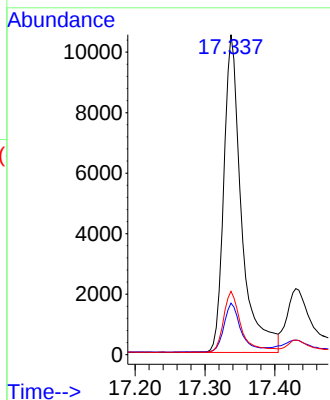
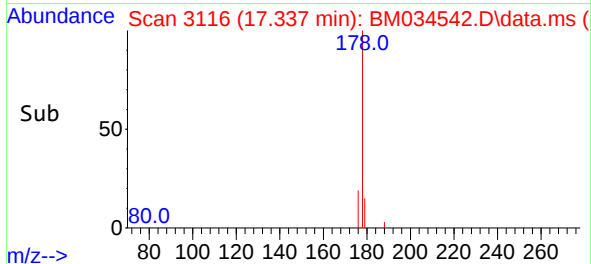
Instrument :
BNA_M
ClientSampleId :
C0R15DL



Tgt Ion:178 Resp: 1850
Ion Ratio Lower Upper
178 100
179 16.1 15.0 22.6
176 19.8 17.9 26.9

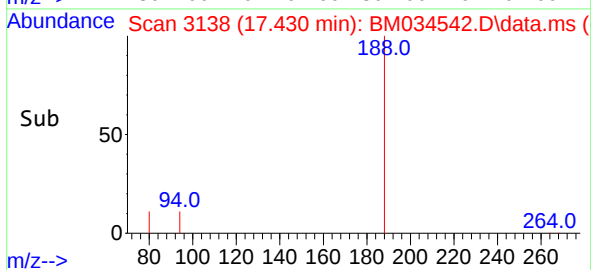
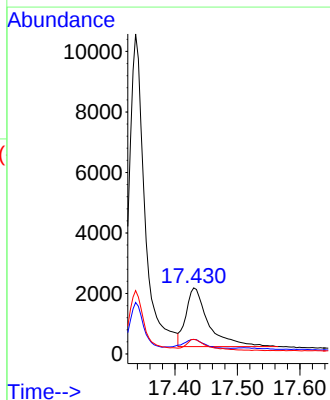
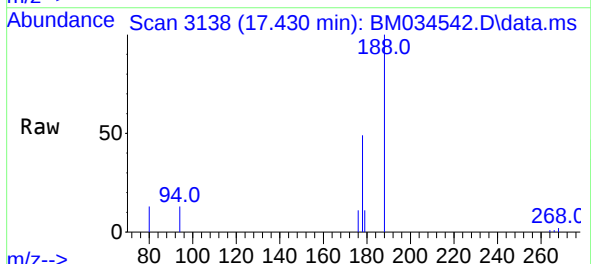
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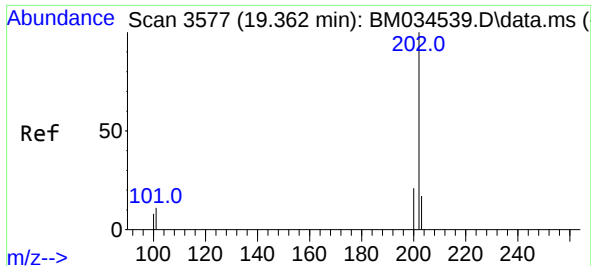
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#16
Anthracene
Concen: 0.279 ng/u1
RT: 17.430 min Scan# 3138
Delta R.T. -0.021 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Tgt Ion:178 Resp: 4856
Ion Ratio Lower Upper
178 100
179 22.0 16.5 24.7
176 22.1 18.3 27.5





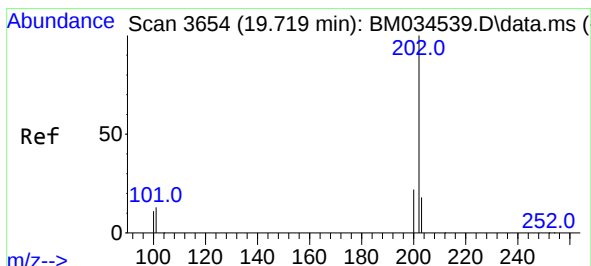
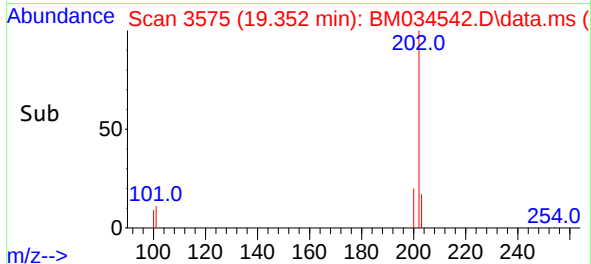
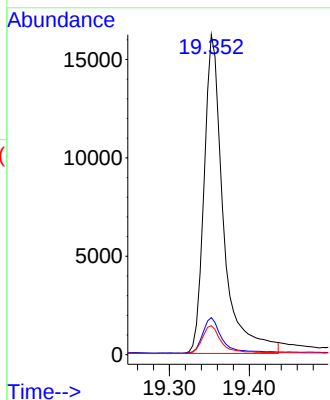
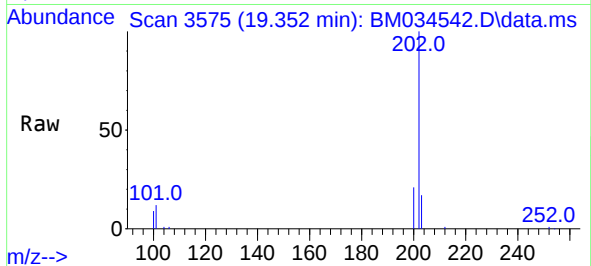
#19
Fluoranthene
Concen: 1.095 ng/u1
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Instrument :
BNA_M
ClientSampleId :
C0R15DL

Tgt Ion:202 Resp: 2728
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 9.1 7.2 10.8

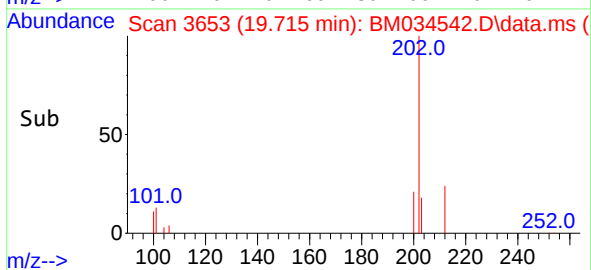
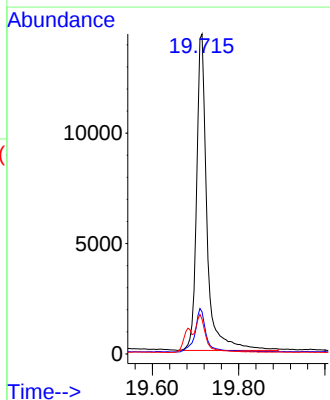
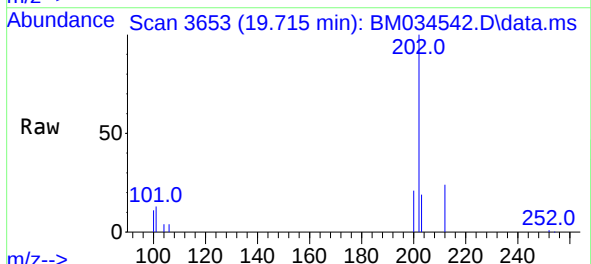
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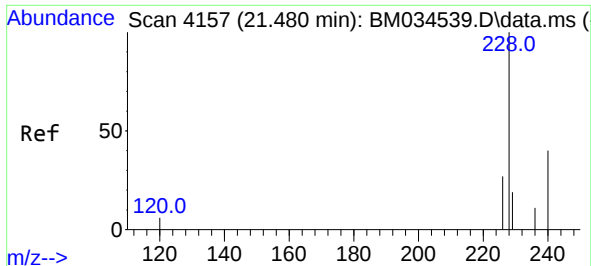
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#20
Pyrene
Concen: 0.826 ng/u1
RT: 19.715 min Scan# 3653
Delta R.T. -0.009 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

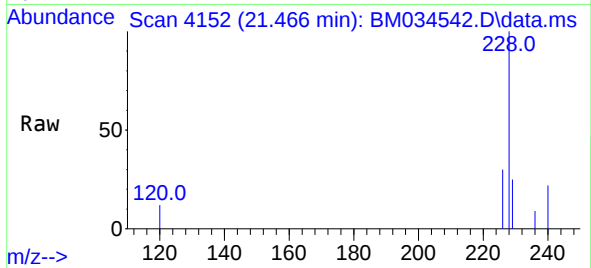
Tgt Ion:202 Resp: 24044
Ion Ratio Lower Upper
202 100
101 13.2 9.3 13.9
100 10.8 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.414 ng/ul m
RT: 21.466 min Scan# 4152
Delta R.T. -0.014 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

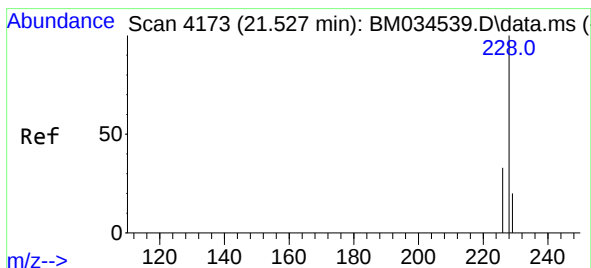
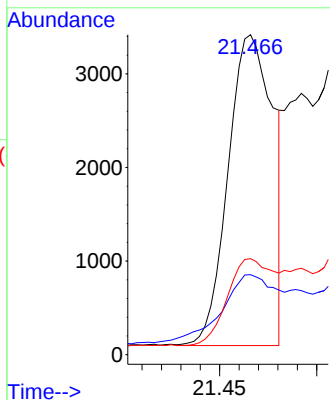
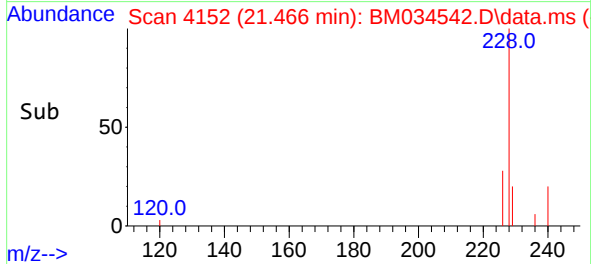
Instrument :
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C0R15DL



Tgt Ion:228 Resp: 5348
Ion Ratio Lower Upper
228 100
229 25.0 17.3 25.9
226 30.0 23.2 34.8

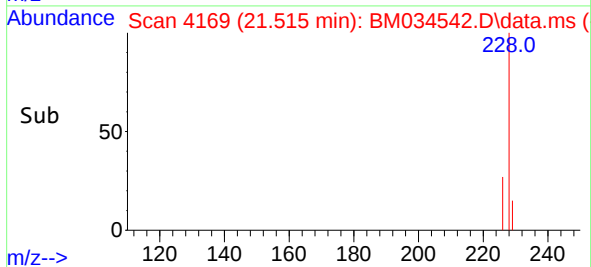
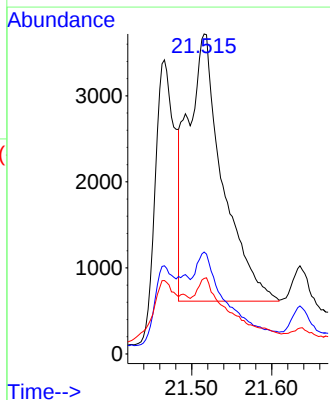
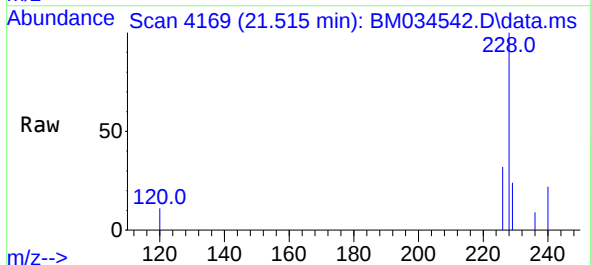
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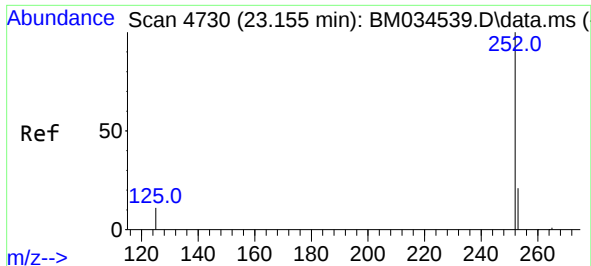
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#22
Chrysene
Concen: 0.619 ng/ul m
RT: 21.515 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Tgt Ion:228 Resp: 9458
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.8
229 23.6 16.7 25.1





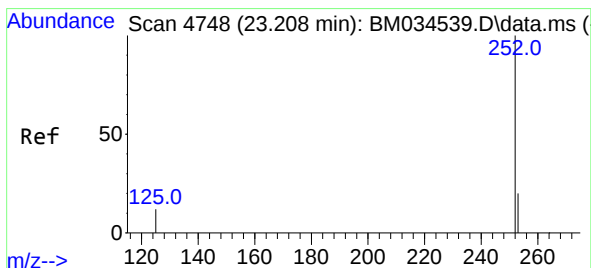
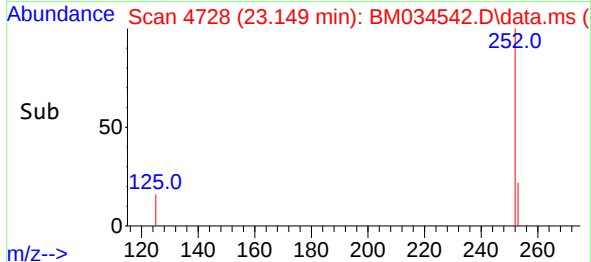
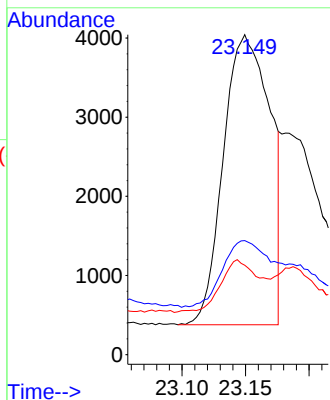
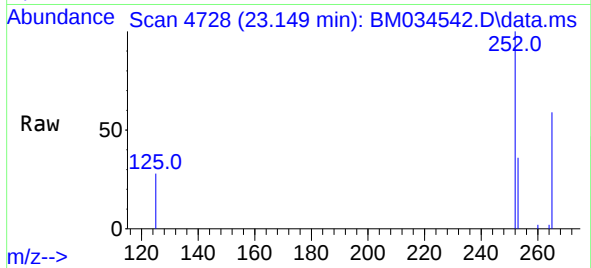
#24
Benzo(b)fluoranthene
Concen: 0.712 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Instrument :
BNA_M
ClientSampleId :
C0R15DL

Tgt Ion:252 Resp: 934
Ion Ratio Lower Upper
252 100
253 35.7 0.0 64.2
125 28.0 0.0 28.8

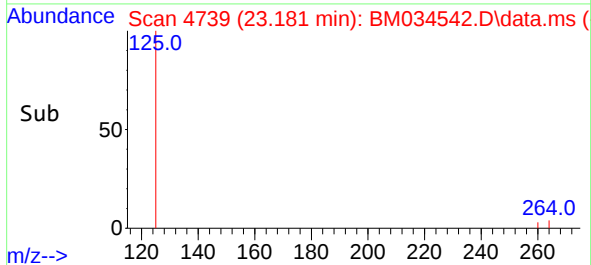
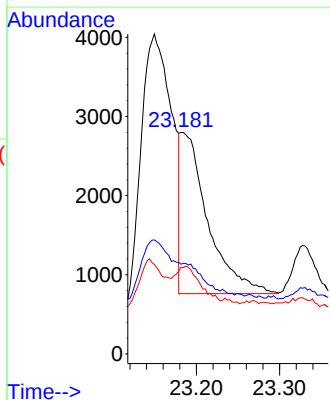
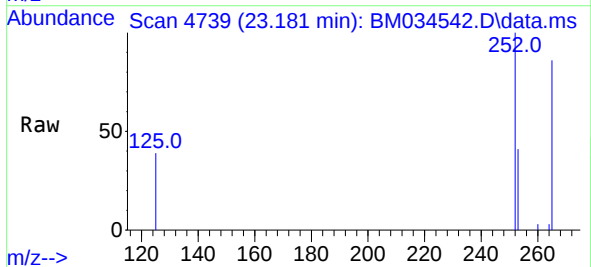
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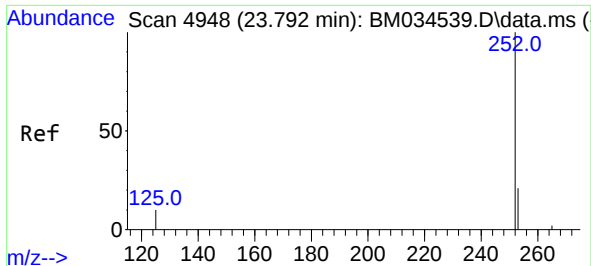
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul m
RT: 23.181 min Scan# 4739
Delta R.T. -0.030 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Tgt Ion:252 Resp: 4646
Ion Ratio Lower Upper
252 100
253 40.5 26.8 40.2#
125 39.1 12.0 18.0#





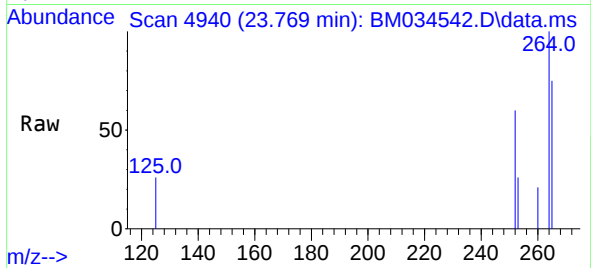
#26
Benzo(a)pyrene
Concen: 0.366 ng/u1
RT: 23.769 min Scan# 4948
Delta R.T. -0.026 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

Instrument :

BNA_M

ClientSampleId :

C0R15DL

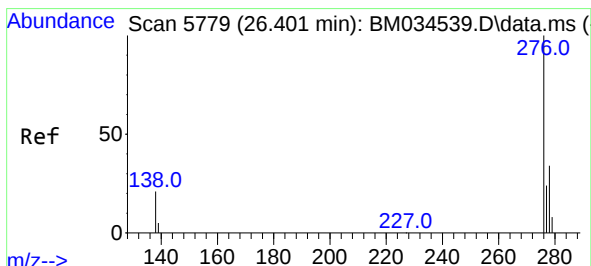
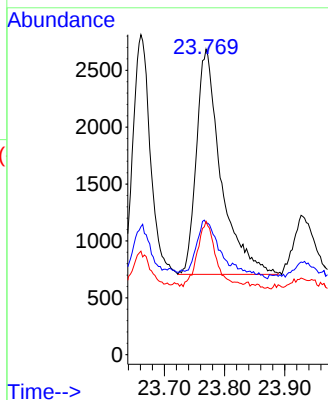
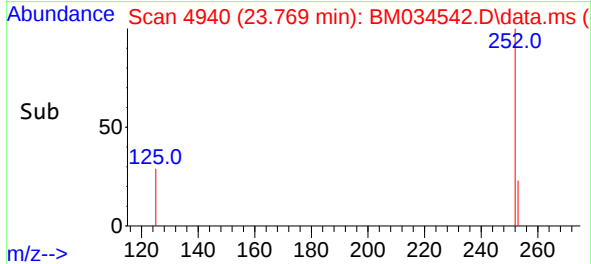


Tgt Ion:252 Resp: 561
Ion Ratio Lower Upper
252 100
253 43.1 32.0 48.0
125 43.6 14.5 21.7

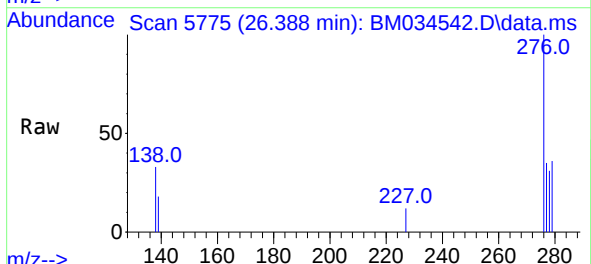
Manual Integrations

APPROVED

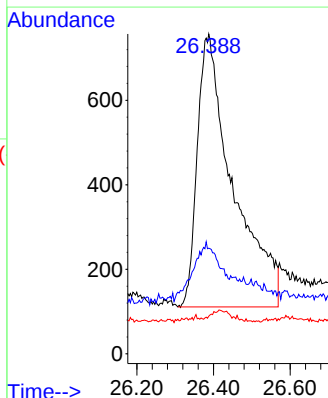
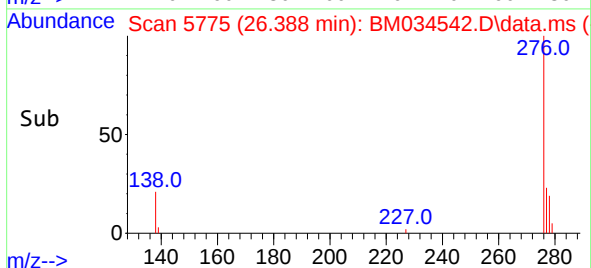
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

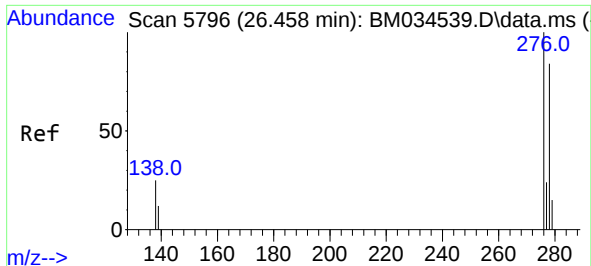


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.226 ng/u1
RT: 26.388 min Scan# 5775
Delta R.T. -0.023 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28



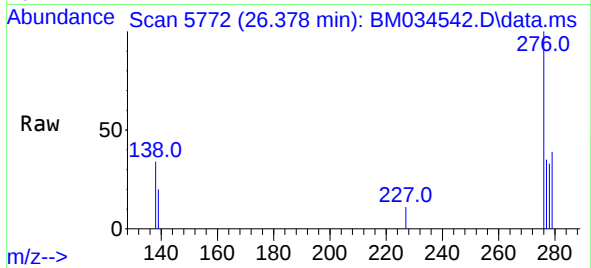
Tgt Ion:276 Resp: 4168
Ion Ratio Lower Upper
276 100
138 22.0 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.378 min Scan# 5796
Delta R.T. -0.084 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28

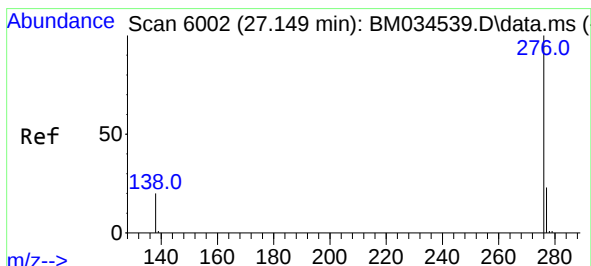
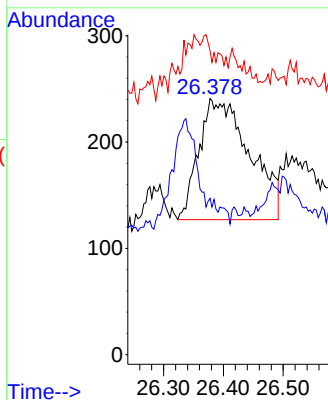
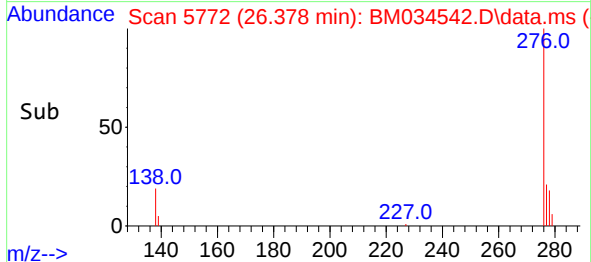
Instrument :
BNA_M
ClientSampleId :
C0R15DL



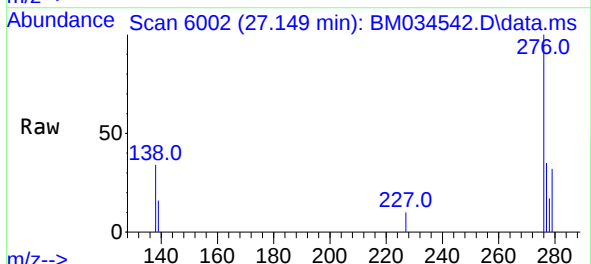
Tgt Ion:278 Resp: 674
Ion Ratio Lower Upper
278 100
139 61.0 18.0 27.0#
279 118.7 28.6 42.8#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 27.149 min Scan# 6002
Delta R.T. -0.020 min
Lab File: BM034542.D
Acq: 07 Apr 2022 12:28



Tgt Ion:276 Resp: 3782
Ion Ratio Lower Upper
276 100
138 34.0 17.4 26.0#
277 35.4 22.6 33.8#

