

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034522.D
 Acq On : 06 Apr 2022 18:38
 Operator : CG/JU
 Sample : N2182-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R13

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 01:21:50 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 : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	2703	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.719	136	7349	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.555	164	3792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.295	188	6783	0.400	ng/ul	-0.02
17) Chrysene-d12	21.486	240	5131	0.400	ng/ul	# 0.00
23) Perylene-d12	23.863	264	4262m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	15777	3.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	2389	0.248	ng/ul	0.01
18) Fluoranthene-d10	19.324	212	4940	0.328	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	1773	0.077	ng/ul	97
7) 2-Methylnaphthalene	12.412	142	699	0.056	ng/ul	95
8) 1-Methylnaphthalene	12.621	142	458	0.036	ng/ul	97
11) Acenaphthene	14.615	153	739	0.052	ng/ul	96
12) Fluorene	15.601	166	549	0.037	ng/ul#	91
15) Phenanthrene	17.337	178	3905	0.177	ng/ul	100
16) Anthracene	17.426	178	1164	0.070	ng/ul#	83
19) Fluoranthene	19.352	202	5782	0.268	ng/ul	95
20) Pyrene	19.710	202	5196m	0.206	ng/ul	
21) Benzo(a)anthracene	21.501	228	1569	0.141	ng/ul#	82
22) Chrysene	21.521	228	1473m	0.112	ng/ul	
24) Benzo(b)fluoranthene	23.146	252	2389m	0.171	ng/ul	
25) Benzo(k)fluoranthene	23.178	252	1214m	0.098	ng/ul	
26) Benzo(a)pyrene	23.760	252	1242	0.076	ng/ul#	20
27) Indeno(1,2,3-cd)pyrene	26.411	276	723	0.037	ng/ul#	59
29) Benzo(g,h,i)perylene	27.159	276	691	0.033	ng/ul#	24

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

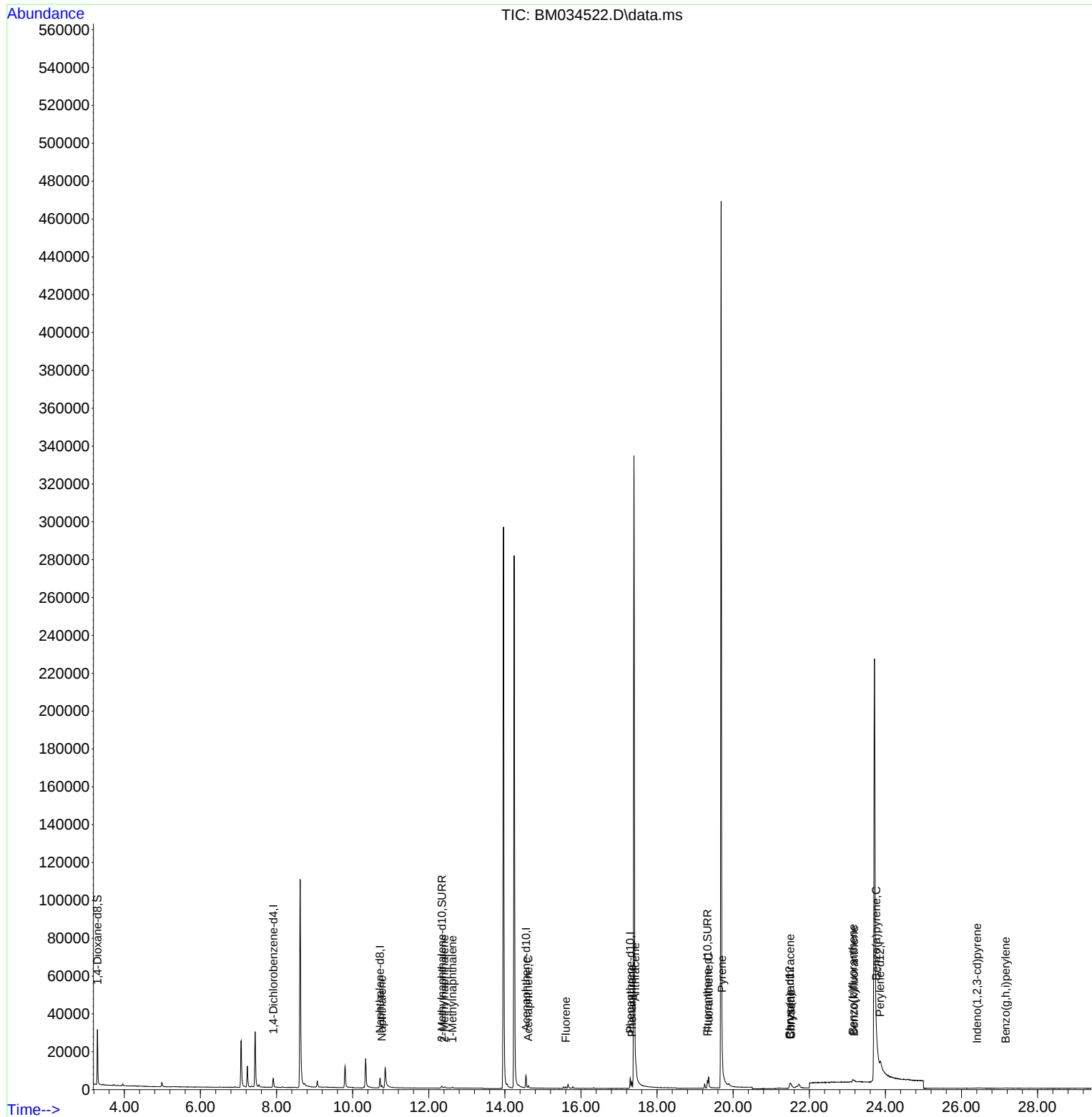
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
Data File : BM034522.D
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Sample : N2182-04
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ALS Vial : 11 Sample Multiplier: 1

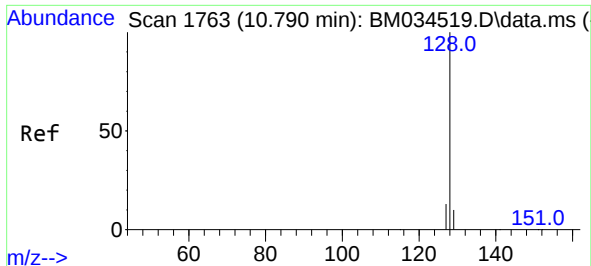
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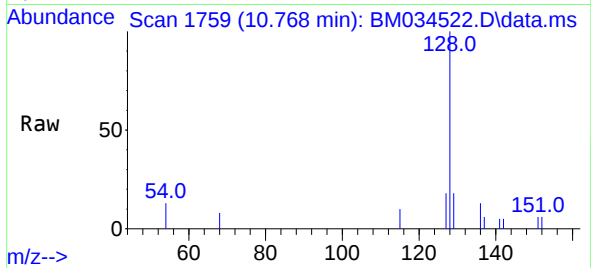
Quant Time: Apr 07 01:21:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
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#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.768 min Scan# 177
Delta R.T. -0.017 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

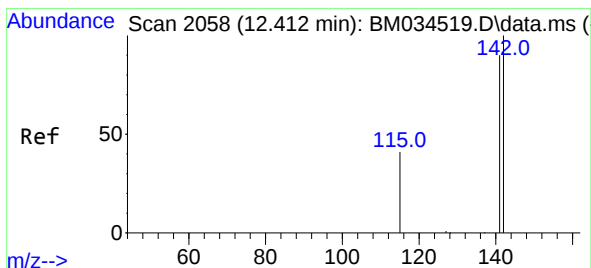
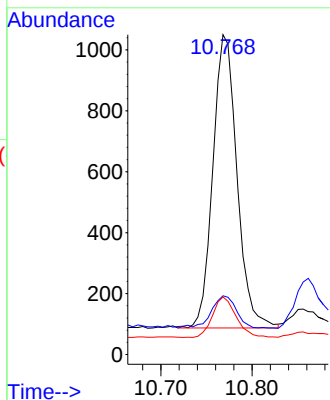
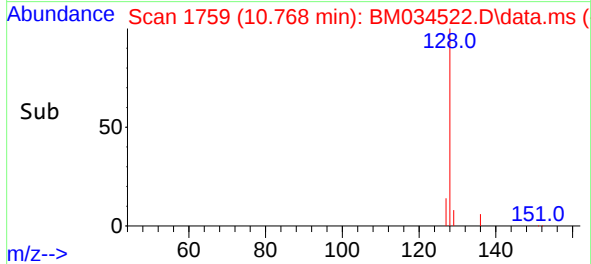
Instrument :
BNA_M
ClientSampleId :
COR13



Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
129 18.4 13.4 20.2
127 18.0 15.2 22.8

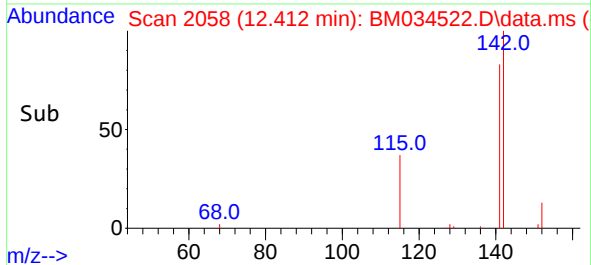
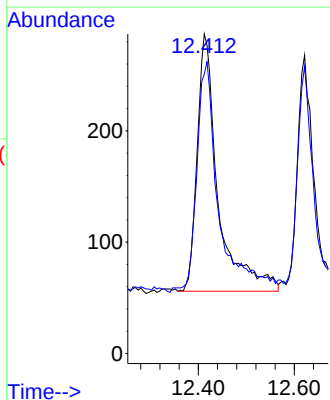
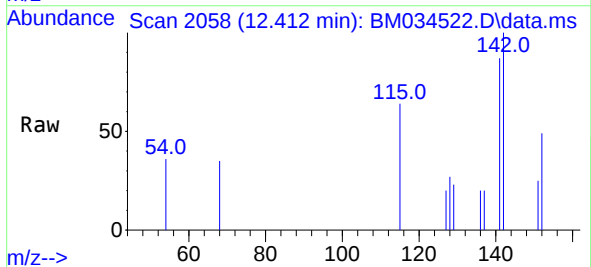
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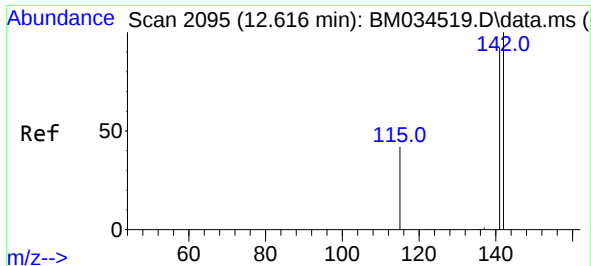
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.412 min Scan# 2058
Delta R.T. 0.005 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

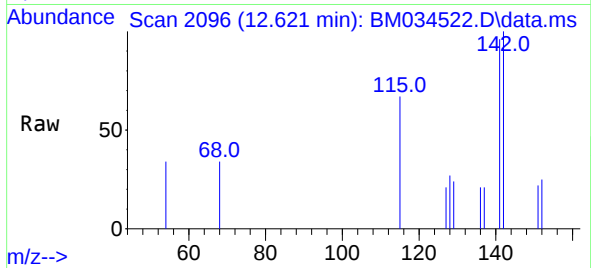
Tgt Ion:142 Resp: 699
Ion Ratio Lower Upper
142 100
141 94.1 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.036 ng/u1
RT: 12.621 min Scan# 2095
Delta R.T. 0.005 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

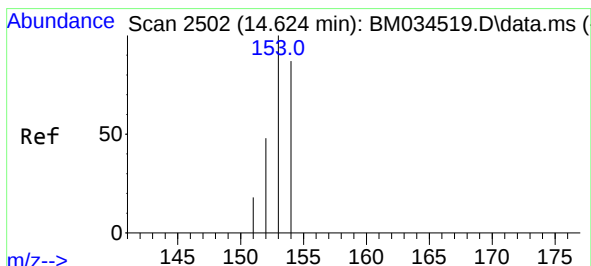
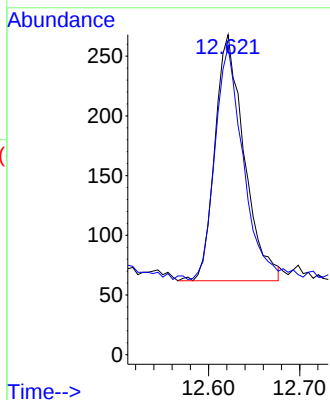
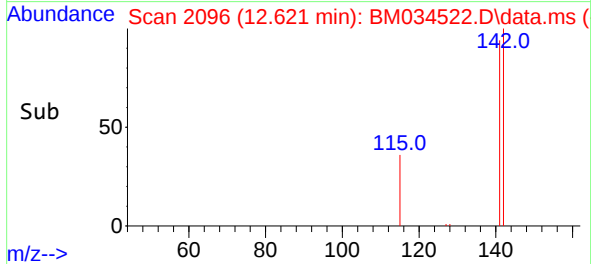
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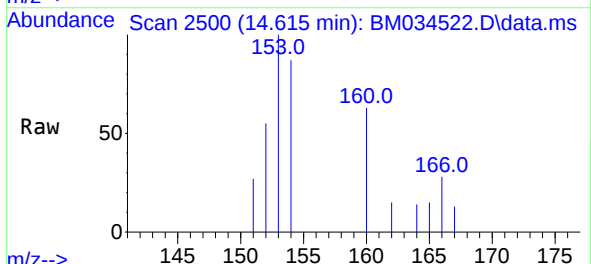
Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
141 90.6 75.0 112.4

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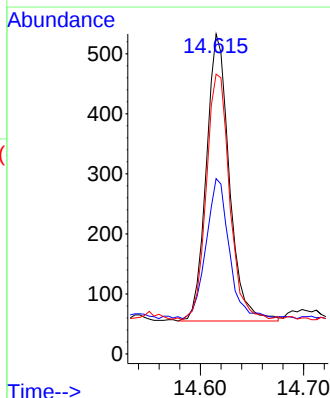
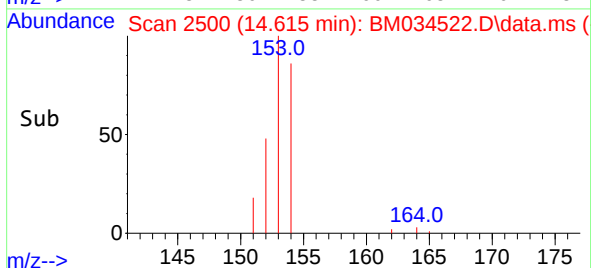
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

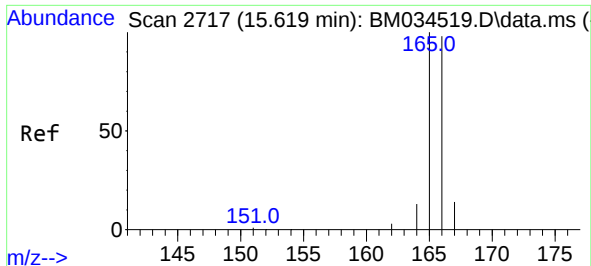


#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.615 min Scan# 2500
Delta R.T. -0.009 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38



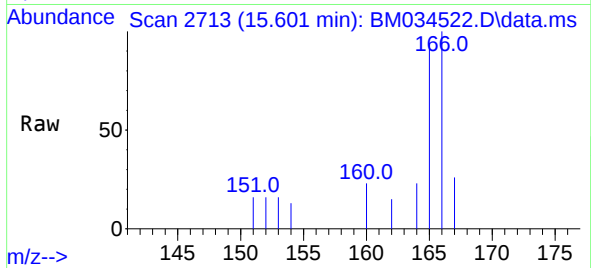
Tgt Ion:153 Resp: 739
Ion Ratio Lower Upper
153 100
152 54.8 42.4 63.6
154 87.4 66.2 99.2





#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.601 min Scan# 2116
Delta R.T. -0.018 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

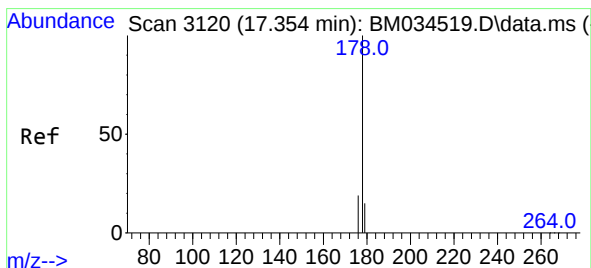
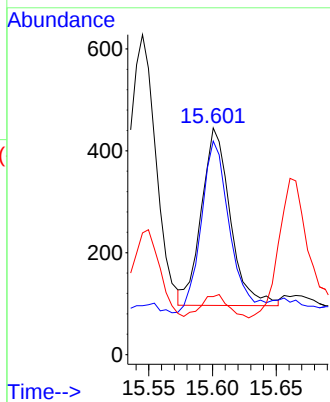
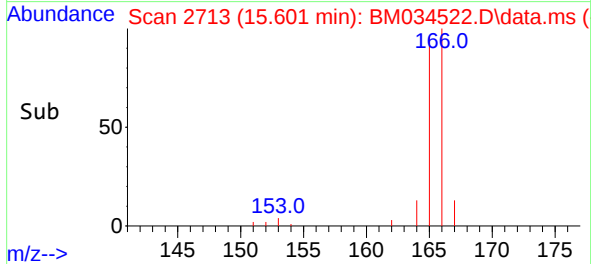
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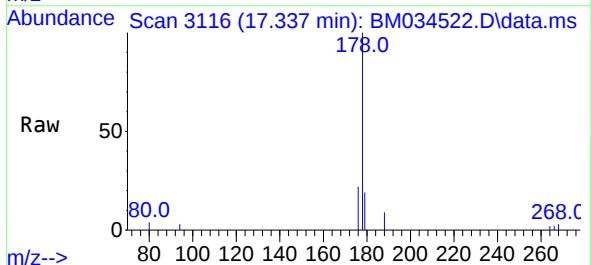
Tgt Ion:166 Resp: 549
Ion Ratio Lower Upper
166 100
165 94.2 81.1 121.7
167 25.6 14.9 22.3

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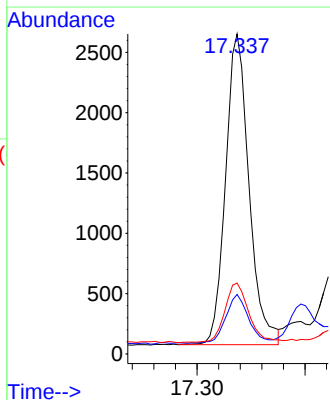
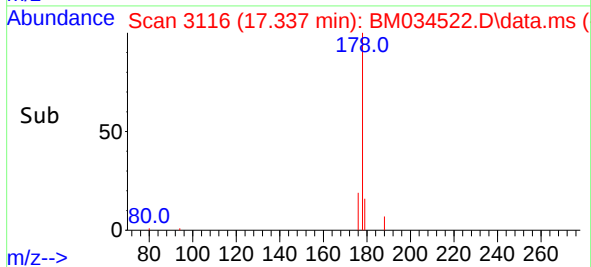
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

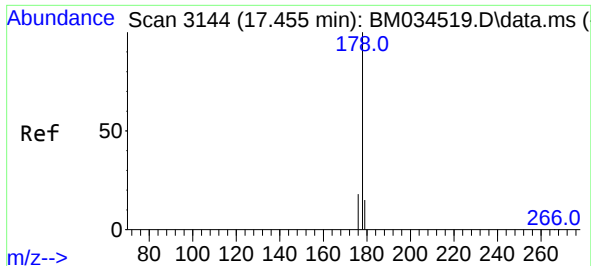


#15
Phenanthrene
Concen: 0.177 ng/u1
RT: 17.337 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38



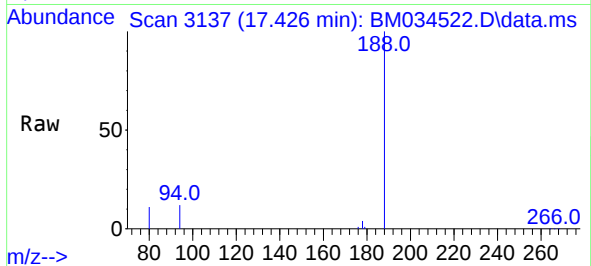
Tgt Ion:178 Resp: 3905
Ion Ratio Lower Upper
178 100
179 18.6 15.0 22.6
176 22.2 17.9 26.9





#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.426 min Scan# 3144
 Delta R.T. -0.025 min
 Lab File: BM034522.D
 Acq: 06 Apr 2022 18:38

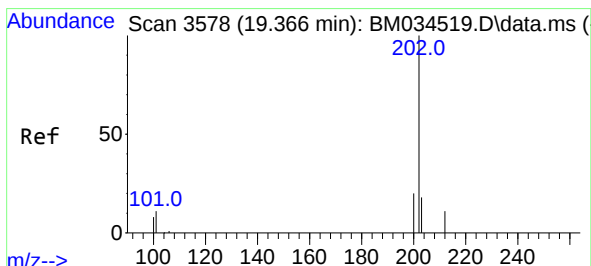
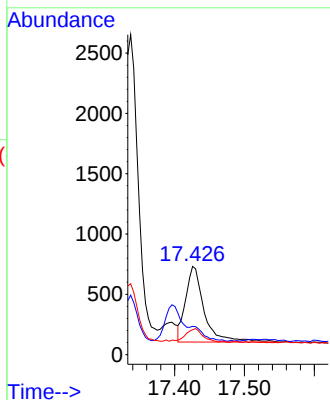
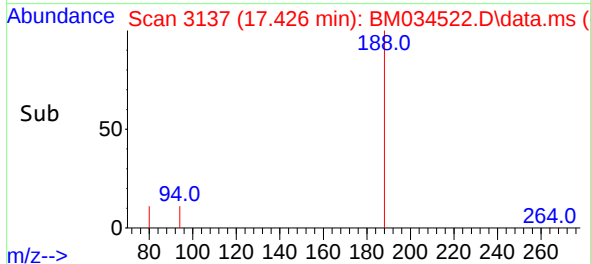
Instrument :
 BNA_M
 ClientSampleId :
 C0R13



Tgt Ion:178 Resp: 1164
 Ion Ratio Lower Upper
 178 100
 179 32.0 16.5 24.7
 176 28.1 18.3 27.5

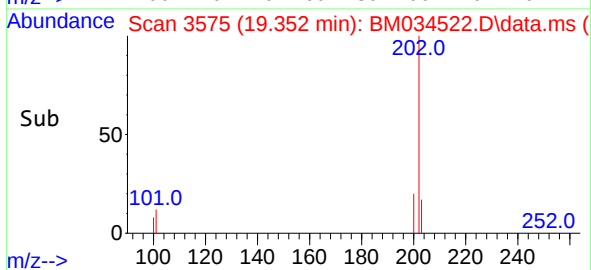
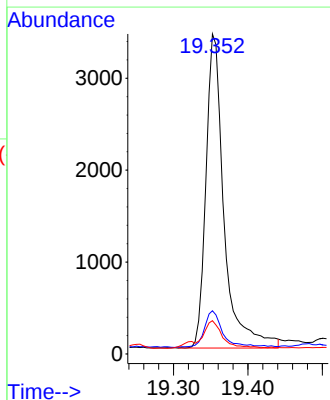
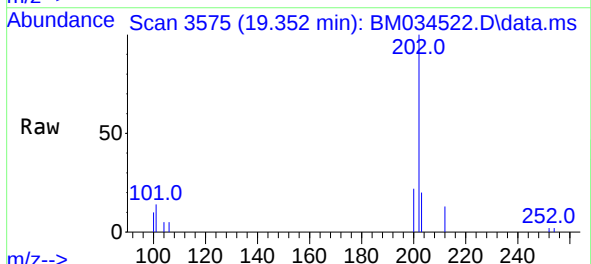
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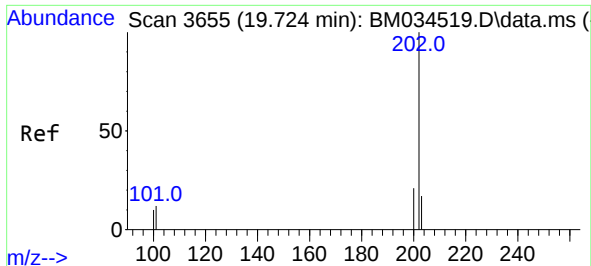
Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022



#19
 Fluoranthene
 Concen: 0.268 ng/ul
 RT: 19.352 min Scan# 3575
 Delta R.T. -0.014 min
 Lab File: BM034522.D
 Acq: 06 Apr 2022 18:38

Tgt Ion:202 Resp: 5782
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.2 13.8
 100 10.4 7.2 10.8





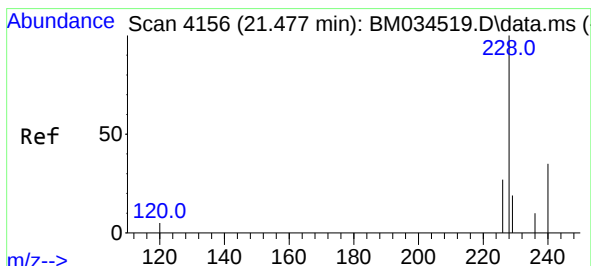
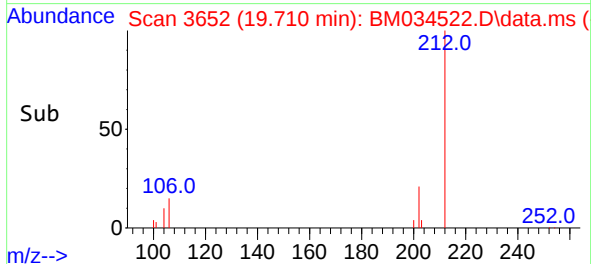
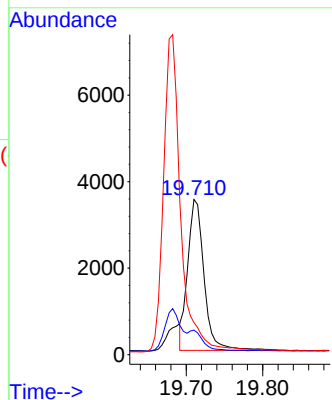
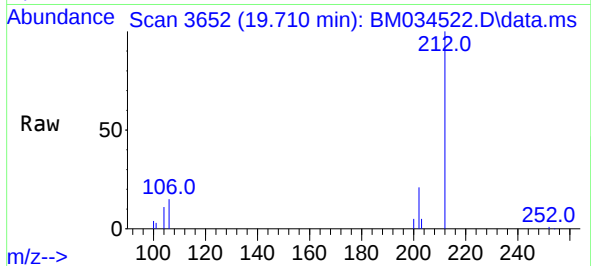
#20
Pyrene
Concen: 0.206 ng/ul m
RT: 19.710 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

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Tgt Ion:202 Resp: 5190
Ion Ratio Lower Upper
202 100
101 15.9 9.3 13.9#
100 20.8 7.8 11.6#

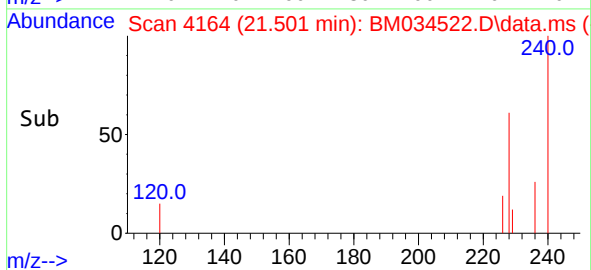
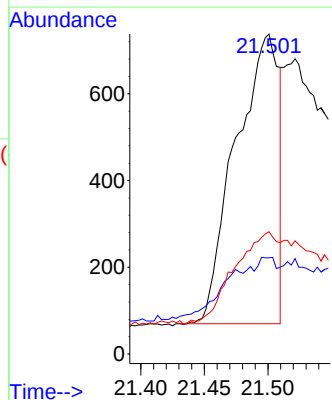
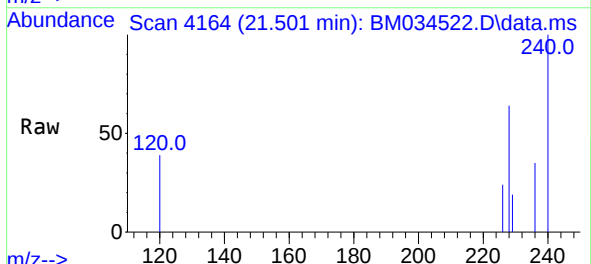
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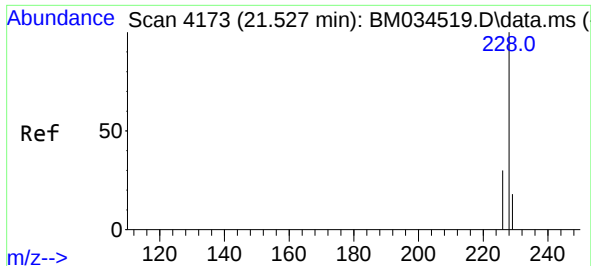
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#21
Benzo(a)anthracene
Concen: 0.141 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. 0.021 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

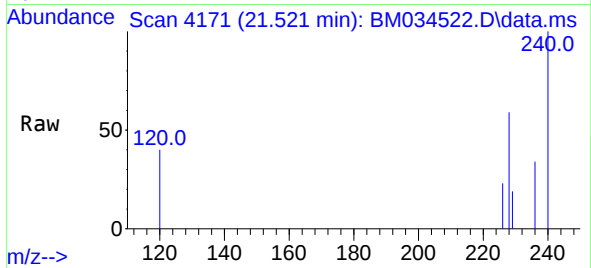
Tgt Ion:228 Resp: 1569
Ion Ratio Lower Upper
228 100
229 30.1 17.3 25.9#
226 38.2 23.2 34.8#





#22
Chrysene
Concen: 0.112 ng/ul m
RT: 21.521 min Scan# 4173
Delta R.T. -0.006 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

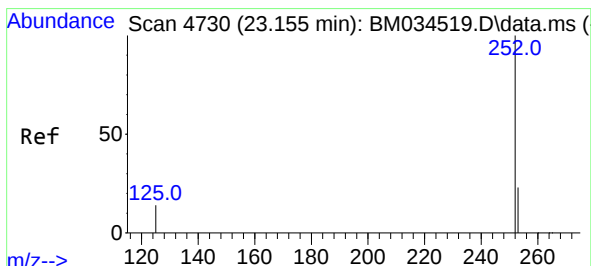
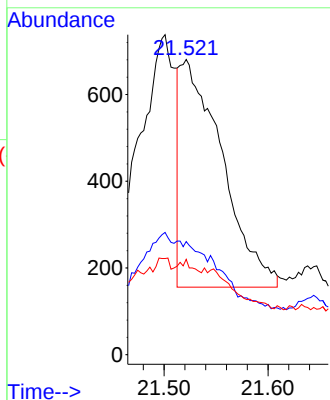
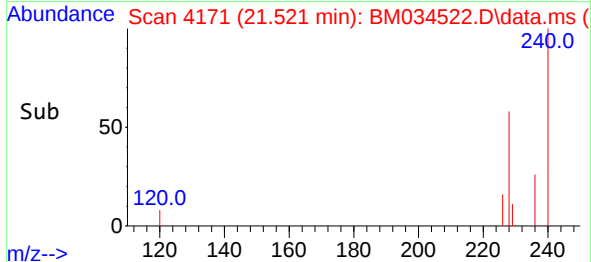
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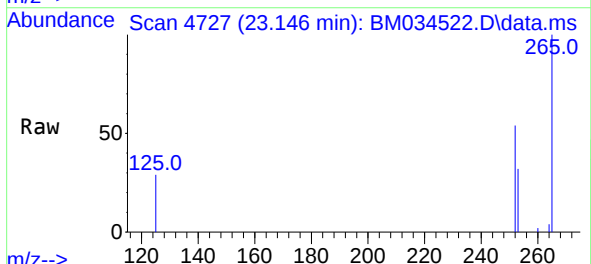
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Ion Ratio Lower Upper
228 100
226 38.3 25.8 38.8
229 32.3 16.7 25.1

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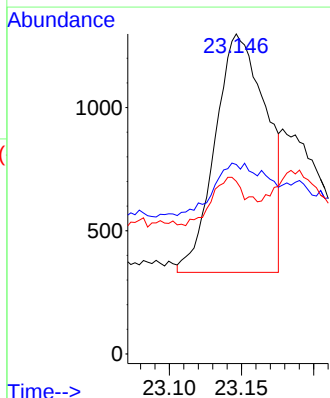
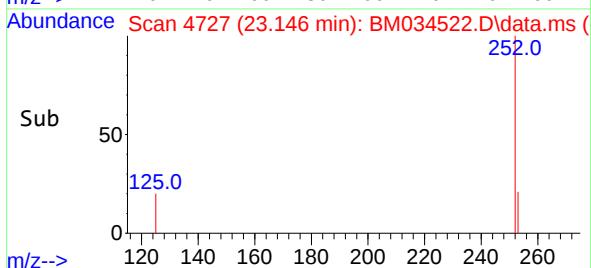
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Supervised By :Yogesh Patel 04/09/2022

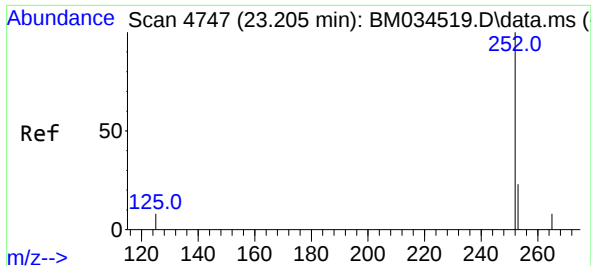


#24
Benzo(b)fluoranthene
Concen: 0.171 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38



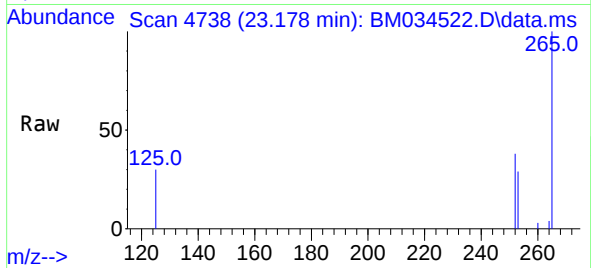
Tgt Ion:252 Resp: 2389
Ion Ratio Lower Upper
252 100
253 59.2 0.0 64.2
125 54.0 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.178 min Scan# 4
Delta R.T. -0.033 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

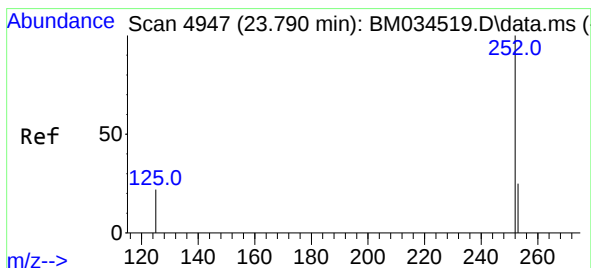
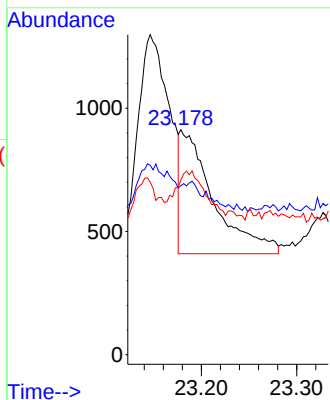
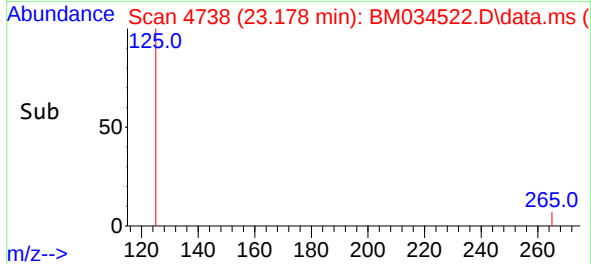
Instrument :
BNA_M
ClientSampleId :
C0R13



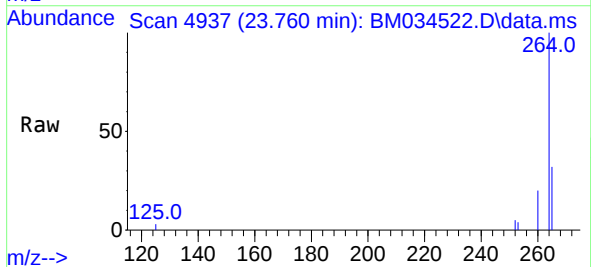
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Ion Ratio Lower Upper
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253 75.1 26.8 40.2
125 77.7 12.0 18.0

Manual Integrations
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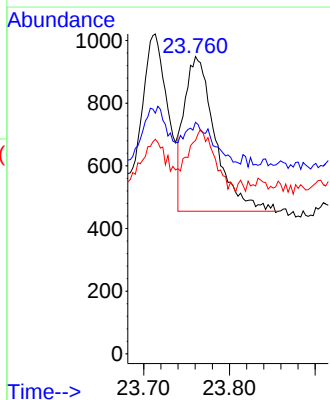
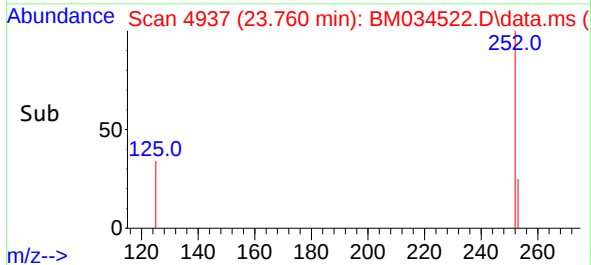
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

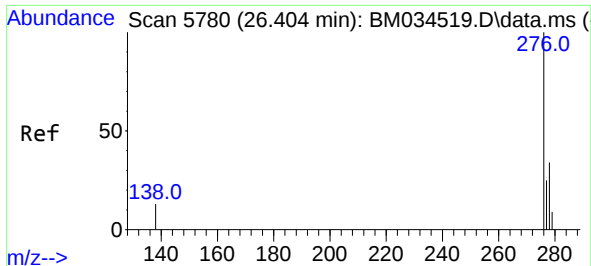


#26
Benzo(a)pyrene
Concen: 0.076 ng/ul
RT: 23.760 min Scan# 4937
Delta R.T. -0.035 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38



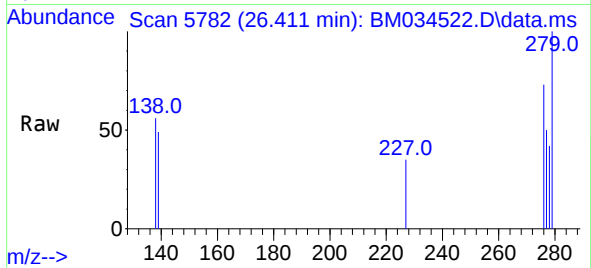
Tgt Ion:252 Resp: 1242
Ion Ratio Lower Upper
252 100
253 77.9 32.0 48.0#
125 71.8 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 26.411 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38

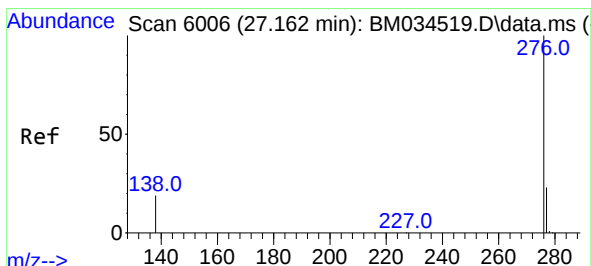
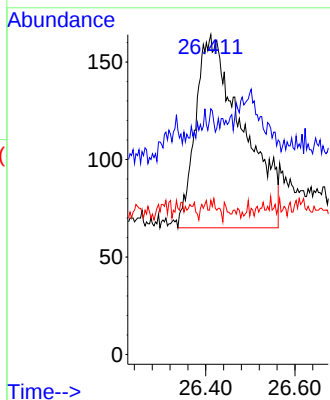
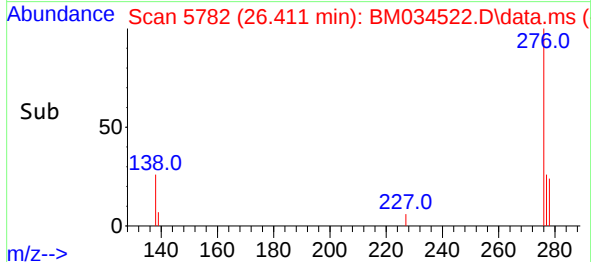
Instrument :
BNA_M
ClientSampleId :
C0R13



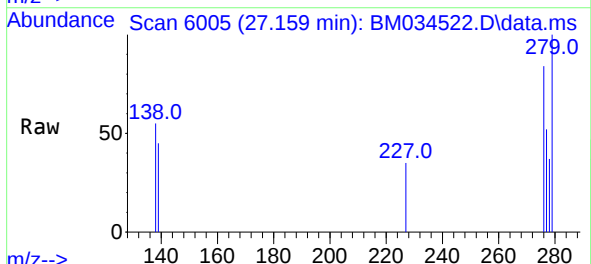
Tgt Ion:276 Resp: 72
Ion Ratio Lower Upper
276 100
138 1.0 15.8 23.6
227 1.8 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.033 ng/ul
RT: 27.159 min Scan# 6005
Delta R.T. -0.010 min
Lab File: BM034522.D
Acq: 06 Apr 2022 18:38



Tgt Ion:276 Resp: 691
Ion Ratio Lower Upper
276 100
138 65.0 17.4 26.0#
277 61.7 22.6 33.8#

