

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038234.D
 Acq On : 23 Dec 2022 16:04
 Operator : CG/JU
 Sample : N6014-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:23:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4258	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	7500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14826	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9482	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	9674	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	25124	5.801	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7197	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	13247	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	1486	0.039	ng/ul#	83
7) 2-Methylnaphthalene	12.500	142	687	0.029	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	633	0.026	ng/ul	100
10) Acenaphthylene	14.389	152	6809	0.164	ng/ul	96
11) Acenaphthene	14.726	153	958	0.032	ng/ul	96
12) Fluorene	15.707	166	1250	0.039	ng/ul#	95
15) Phenanthrene	17.447	178	21470	0.433	ng/ul	99
16) Anthracene	17.536	178	10389	0.218	ng/ul	97
19) Fluoranthene	19.455	202	62319	1.200	ng/ul	100
20) Pyrene	19.817	202	97672m	1.861	ng/ul	
21) Benzo(a)anthracene	21.556	228	41524	0.998	ng/ul	97
22) Chrysene	21.615	228	45197m	1.117	ng/ul	
24) Benzo(b)fluoranthene	23.278	252	71828	1.677	ng/ul	92
25) Benzo(k)fluoranthene	23.322	252	19847m	0.482	ng/ul	
26) Benzo(a)pyrene	23.918	252	38168	1.022	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.582	276	27933	0.539	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.595	278	7096	0.176	ng/ul#	71
29) Benzo(g,h,i)perylene	27.380	276	27263	0.625	ng/ul	99

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

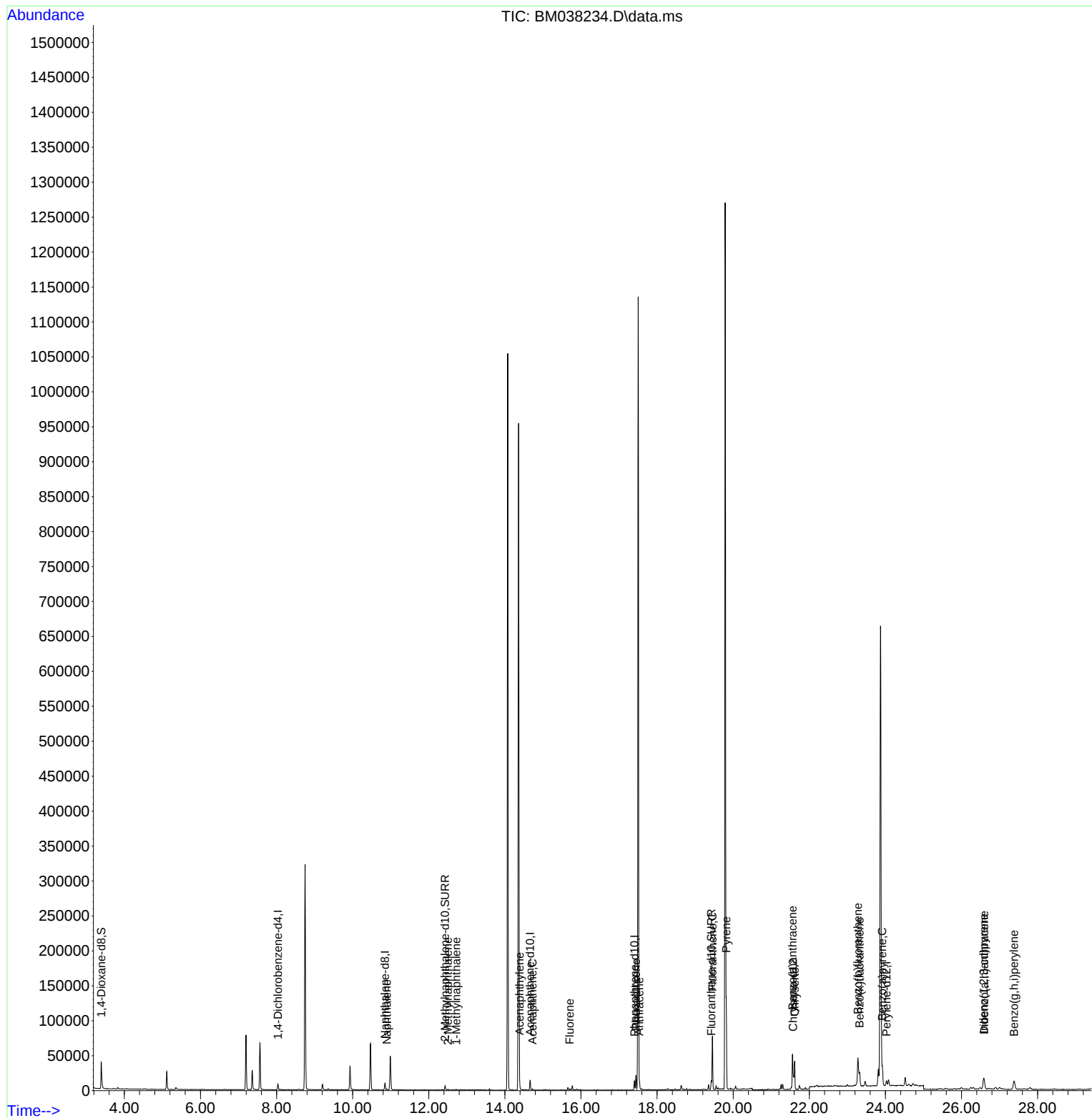
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038234.D
Acq On : 23 Dec 2022 16:04
Operator : CG/JU
Sample : N6014-07
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ALS Vial : 41 Sample Multiplier: 1

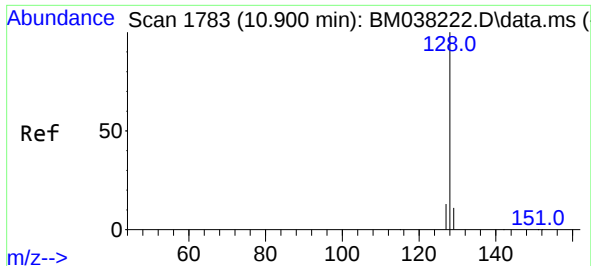
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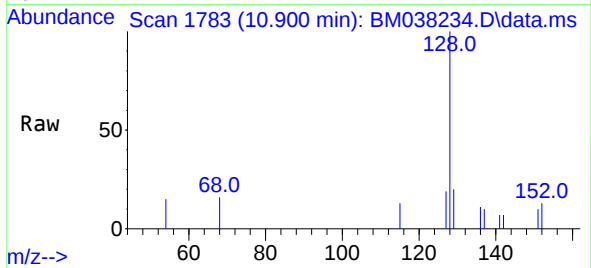
Quant Time: Dec 23 23:23:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

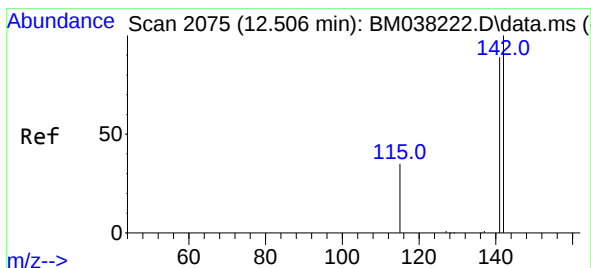
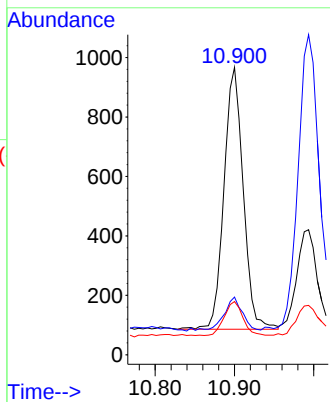
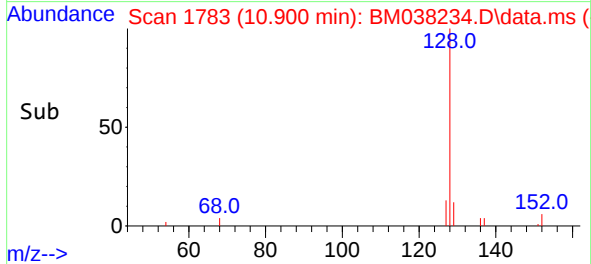
Instrument :
BNA_M
ClientSampleId :
DBXR8



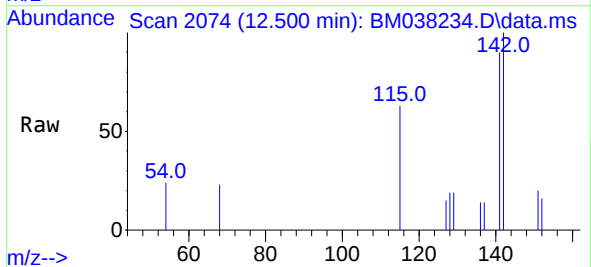
Tgt Ion:128 Resp: 1480
Ion Ratio Lower Upper
128 100
129 20.1 9.4 14.0
127 18.5 10.7 16.1

Manual Integrations
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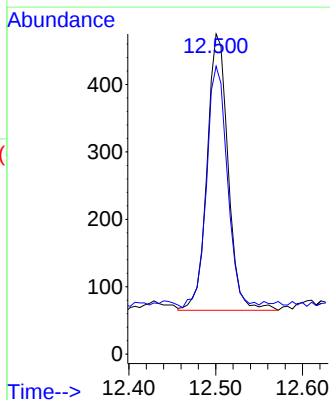
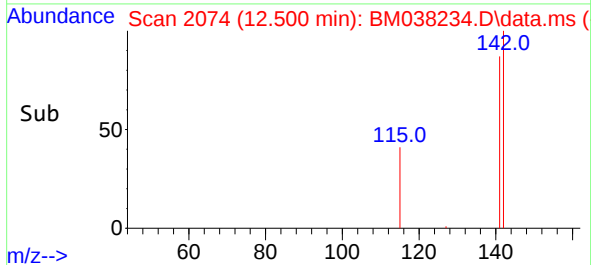
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

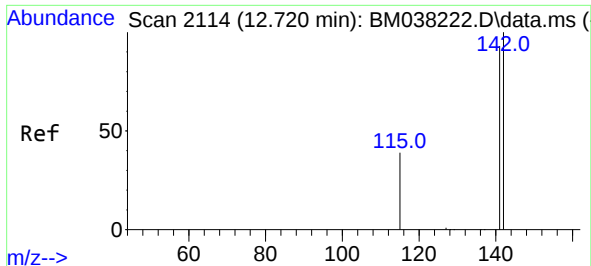


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



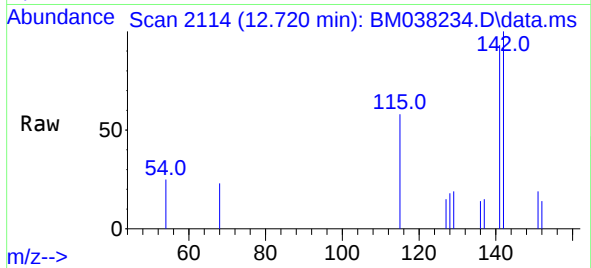
Tgt Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/u1
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

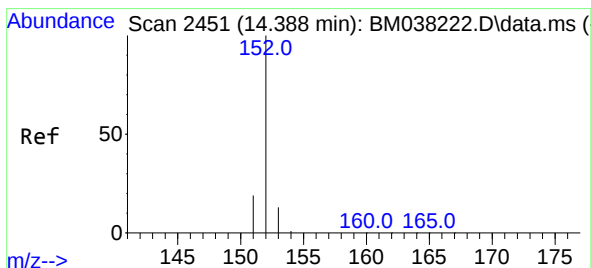
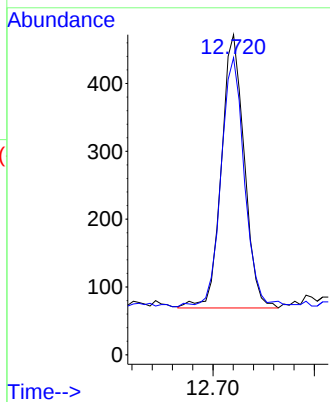
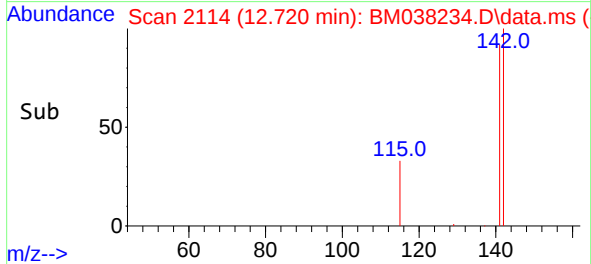
Instrument :
BNA_M
ClientSampleId :
DBXR8



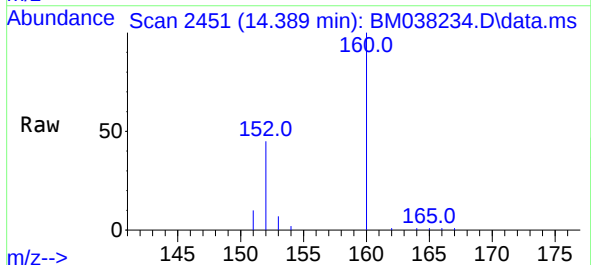
Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1

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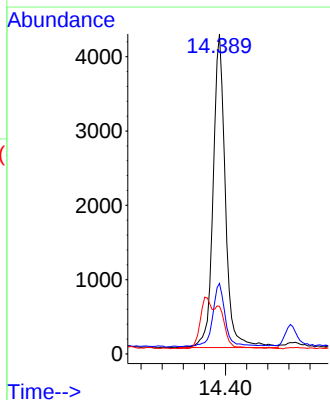
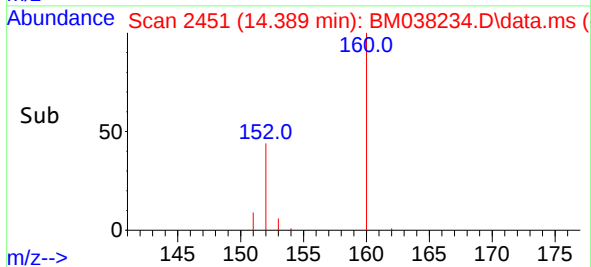
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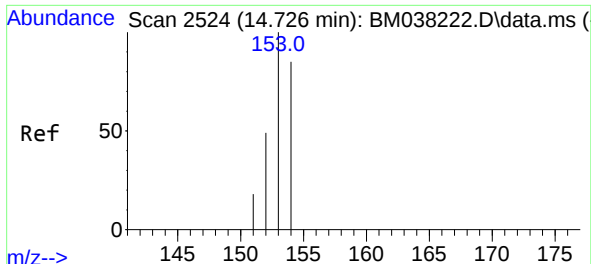


#10
Acenaphthylene
Concen: 0.164 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



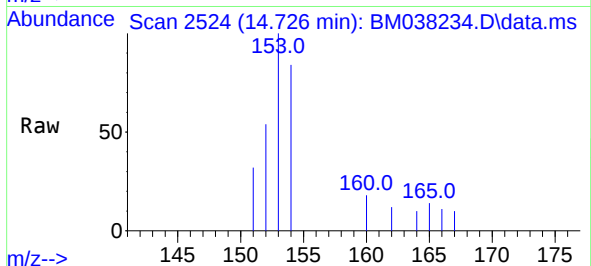
Tgt Ion:152 Resp: 6809
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 14.9 10.7 16.1





#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

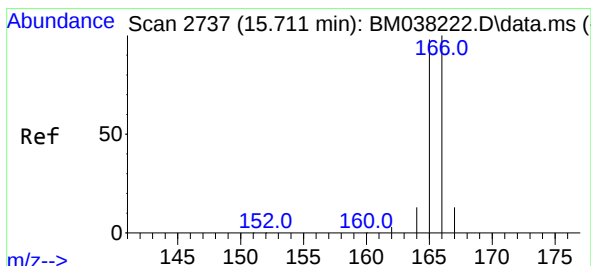
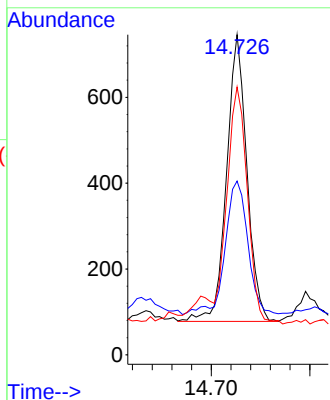
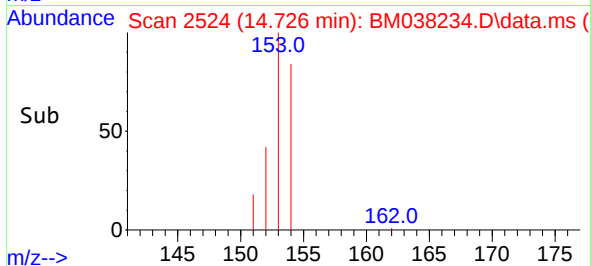
Instrument :
BNA_M
ClientSampleId :
DBXR8



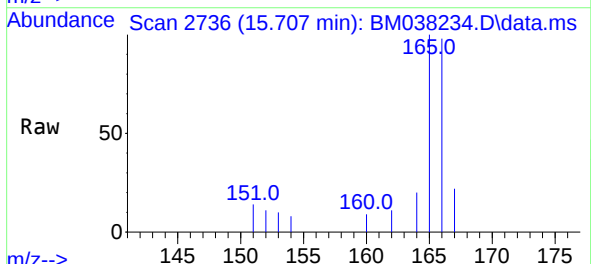
Tgt Ion:153 Resp: 958
Ion Ratio Lower Upper
153 100
152 54.3 39.4 59.0
154 83.6 69.0 103.4

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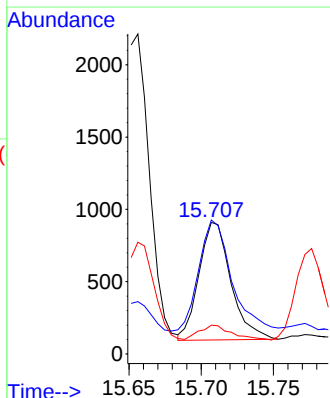
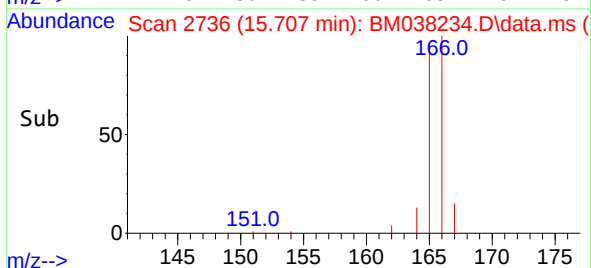
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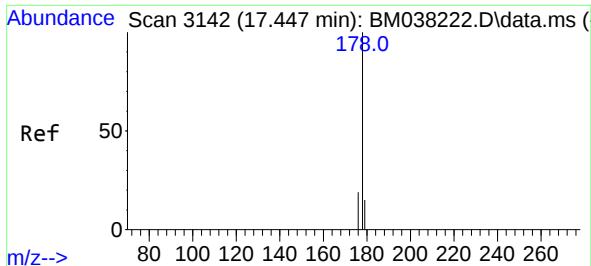


#12
Fluorene
Concen: 0.039 ng/u1
RT: 15.707 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



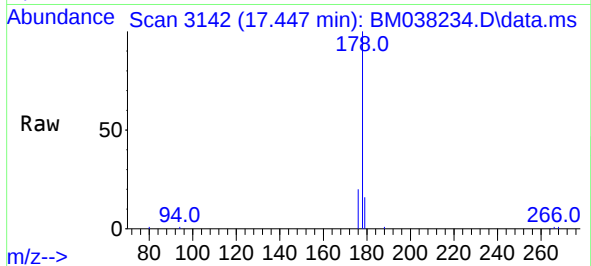
Tgt Ion:166 Resp: 1250
Ion Ratio Lower Upper
166 100
165 101.8 79.0 118.6
167 22.0 11.0 16.6#





#15
Phenanthrene
Concen: 0.433 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

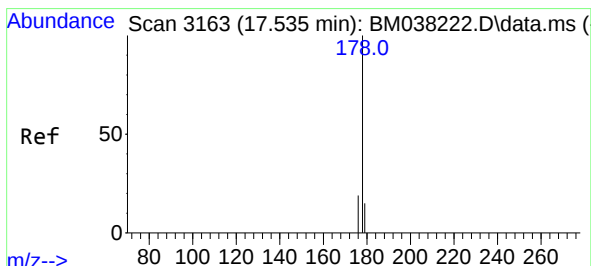
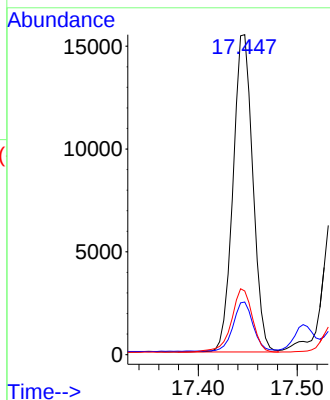
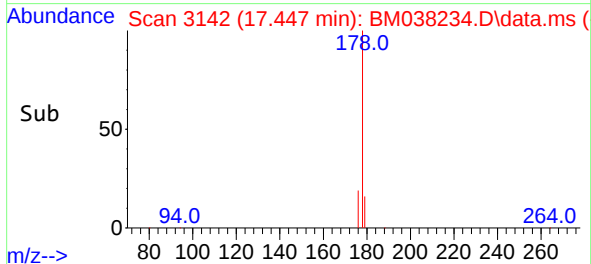
Instrument :
BNA_M
ClientSampleId :
DBXR8



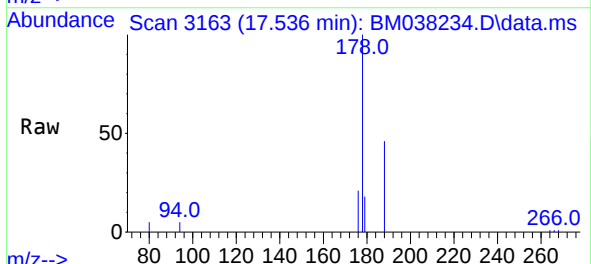
Tgt Ion:178 Resp: 21470
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.9 16.2 24.4

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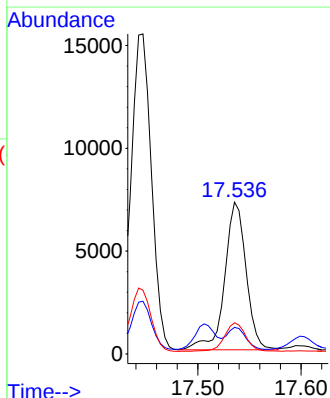
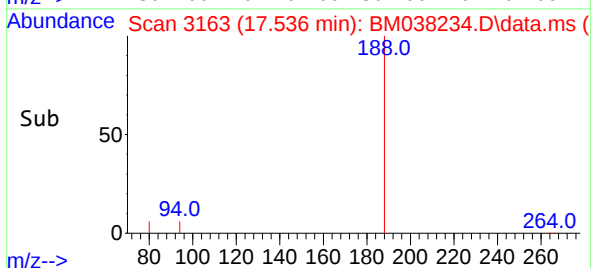
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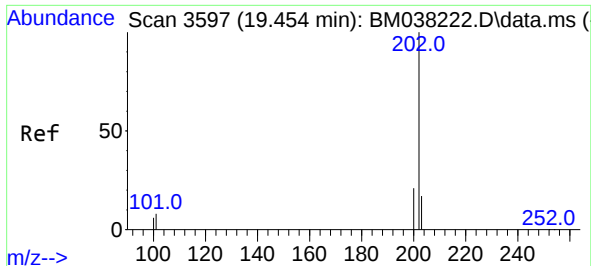


#16
Anthracene
Concen: 0.218 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



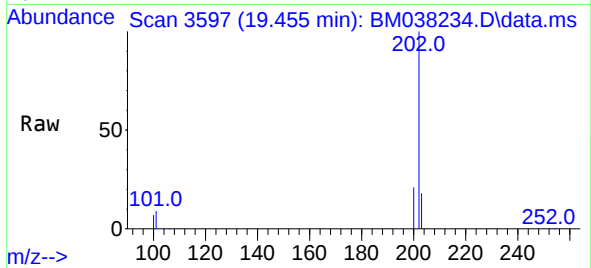
Tgt Ion:178 Resp: 10389
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.6 15.6 23.4





#19
Fluoranthene
Concen: 1.200 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

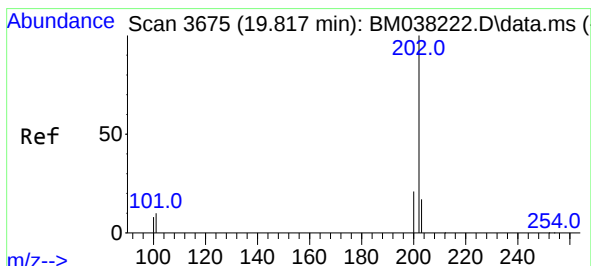
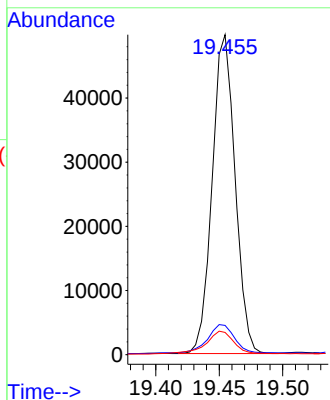
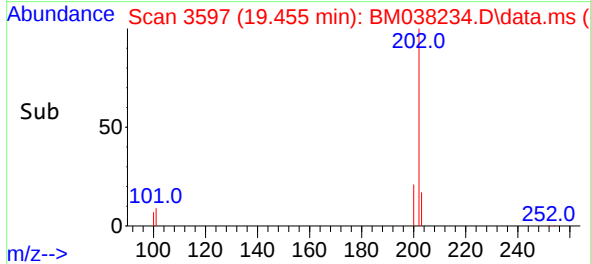
Instrument :
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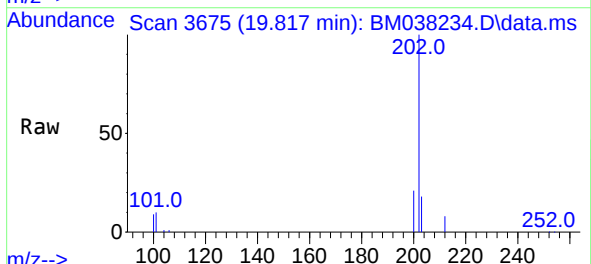
Tgt Ion:202 Resp: 62319
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 6.9 5.6 8.4

Manual Integrations
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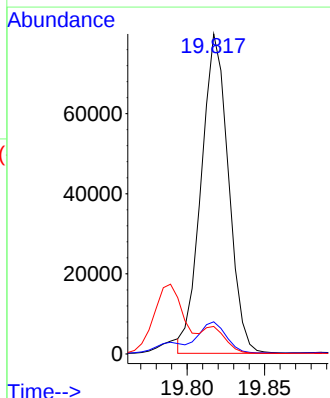
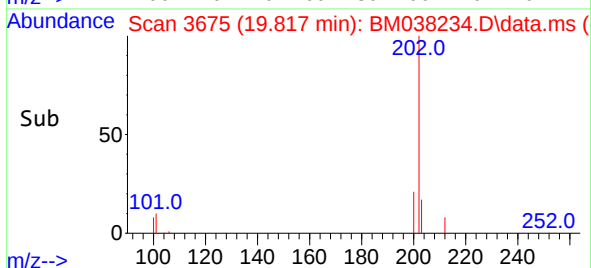
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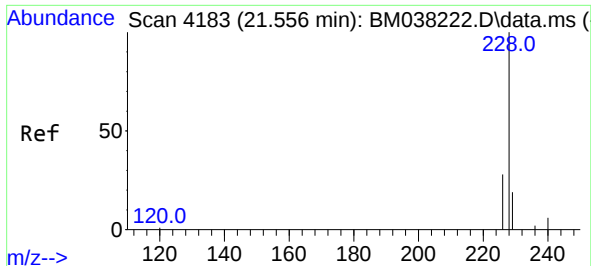


#20
Pyrene
Concen: 1.861 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



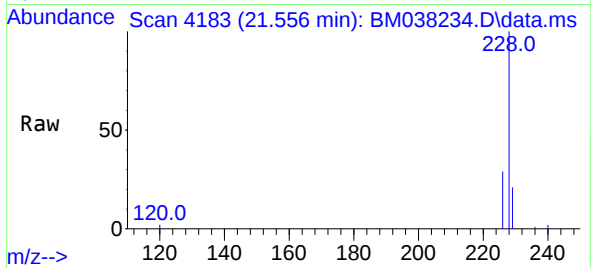
Tgt Ion:202 Resp: 97672
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.6 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.998 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

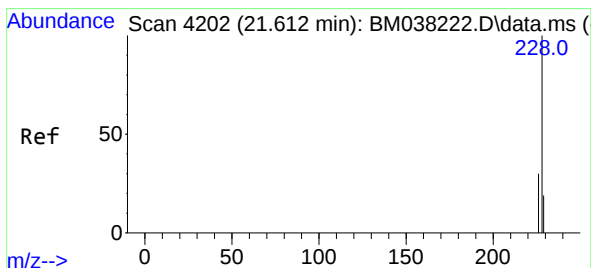
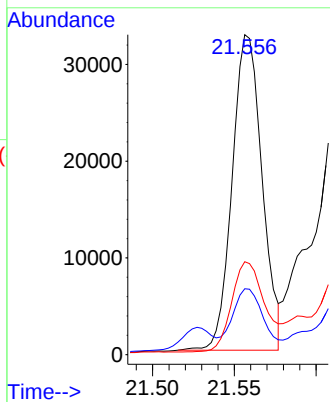
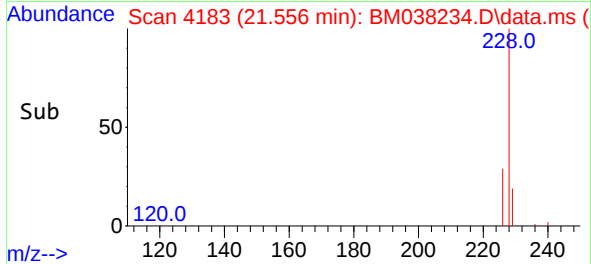
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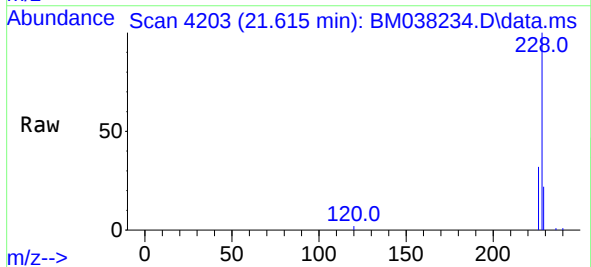
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Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 29.1 22.2 33.2

Manual Integrations
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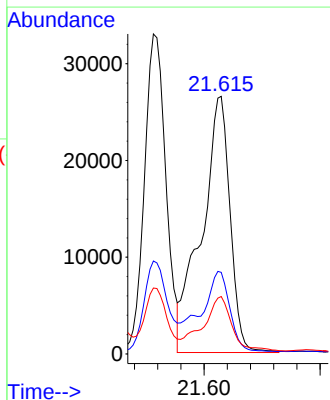
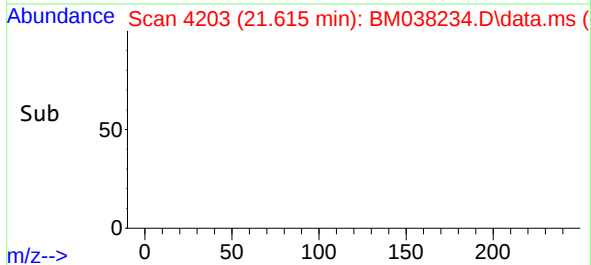
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Supervised By :Yogesh Patel 12/24/2022

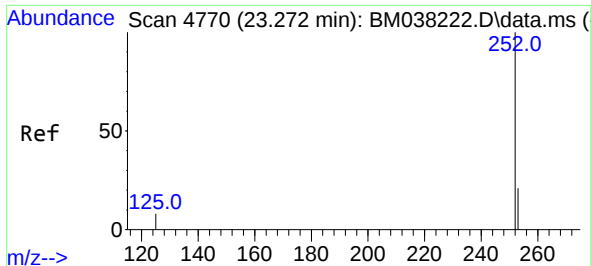


#22
Chrysene
Concen: 1.117 ng/ul m
RT: 21.615 min Scan# 4203
Delta R.T. 0.003 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



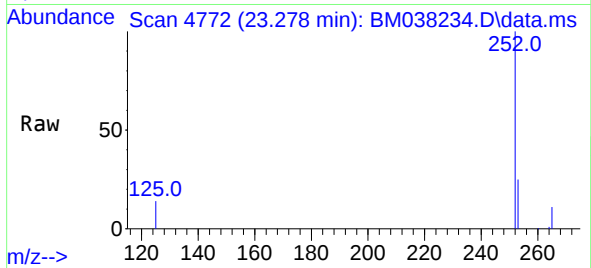
Tgt Ion:228 Resp: 45197
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 22.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.677 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. 0.006 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

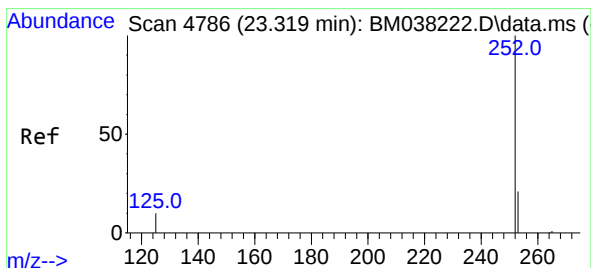
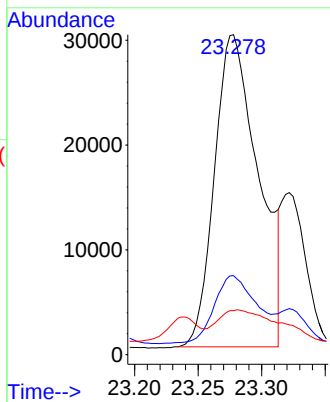
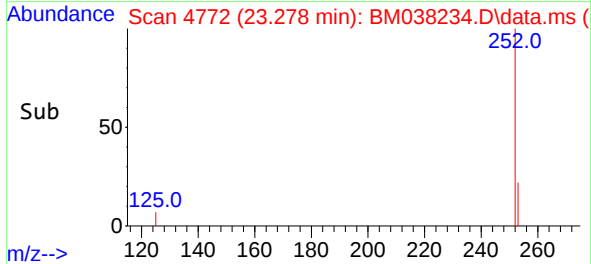
Instrument :
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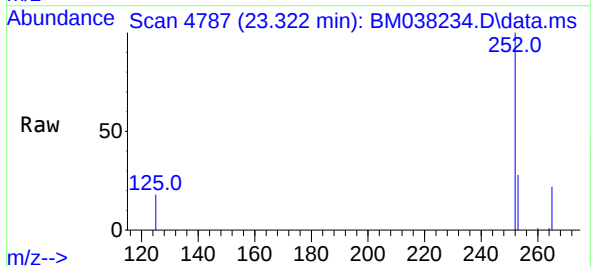
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Ion Ratio Lower Upper
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253 24.7 0.0 56.0
125 13.8 0.0 36.6

Manual Integrations
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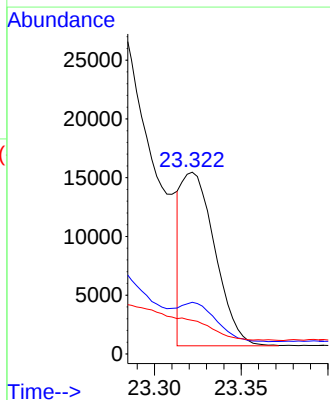
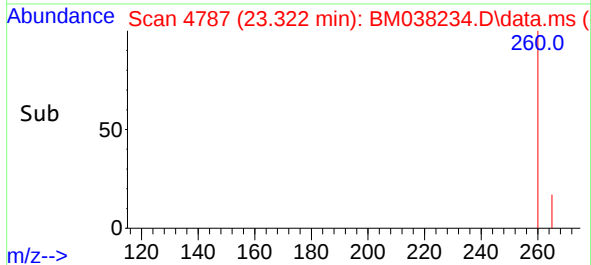
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

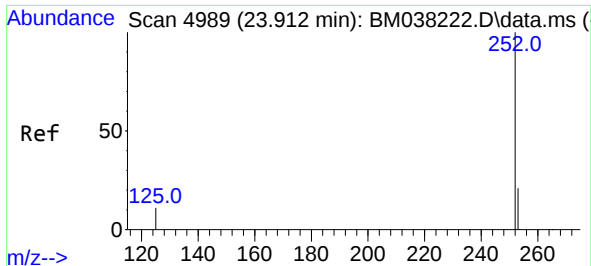


#25
Benzo(k)fluoranthene
Concen: 0.482 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



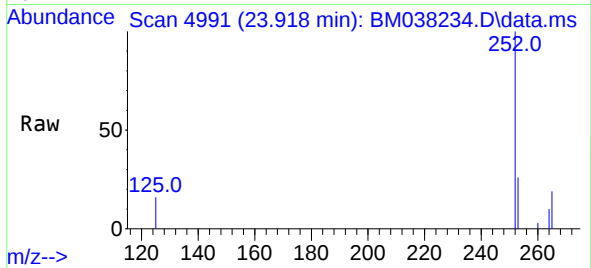
Tgt Ion:252 Resp: 19847
Ion Ratio Lower Upper
252 100
253 28.4 22.5 33.7
125 18.5 14.4 21.6





#26
Benzo(a)pyrene
Concen: 1.022 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. 0.006 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

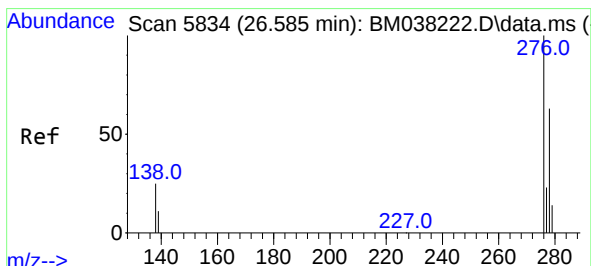
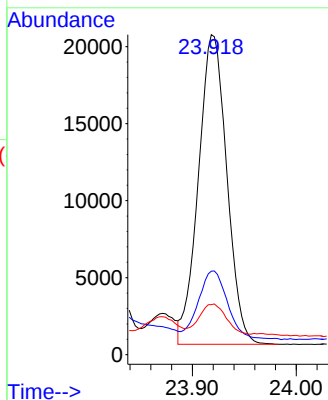
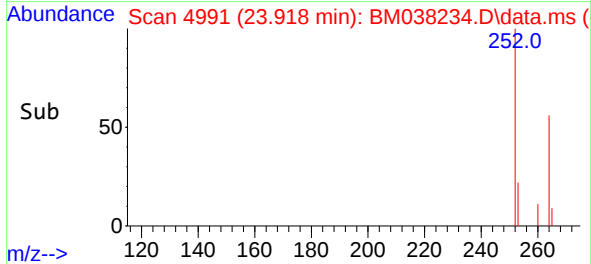
Instrument :
BNA_M
ClientSampleId :
DBXR8



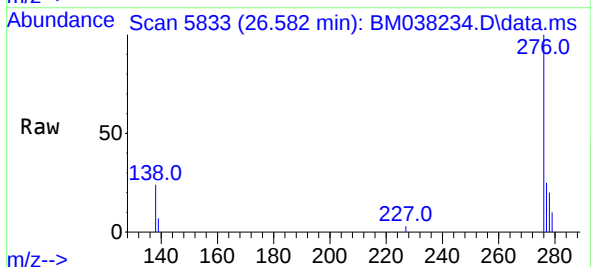
Tgt Ion:252 Resp: 3816
Ion Ratio Lower Upper
252 100
253 26.1 24.2 36.4
125 15.6 17.3 25.9

Manual Integrations
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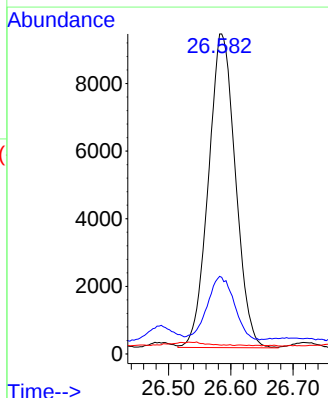
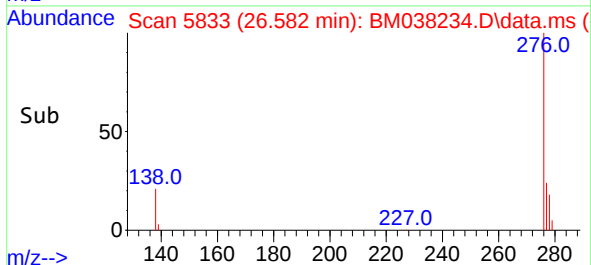
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

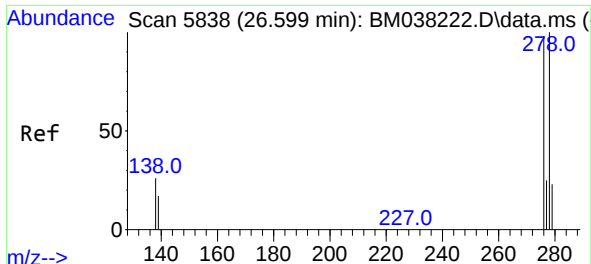


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



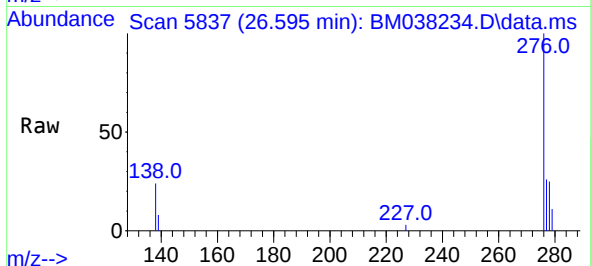
Tgt Ion:276 Resp: 27933
Ion Ratio Lower Upper
276 100
138 20.2 21.7 32.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.176 ng/ul
RT: 26.595 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

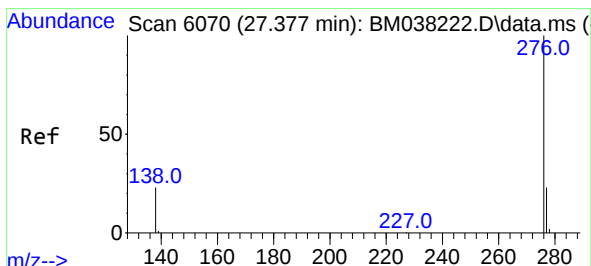
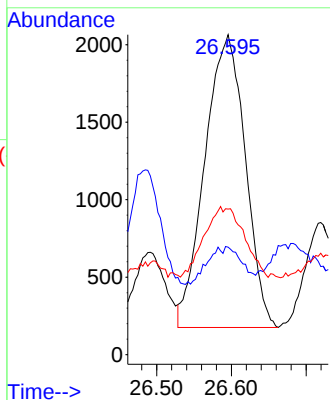
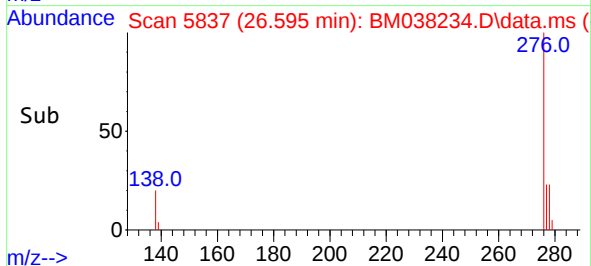
Instrument :
BNA_M
ClientSampleId :
DBXR8



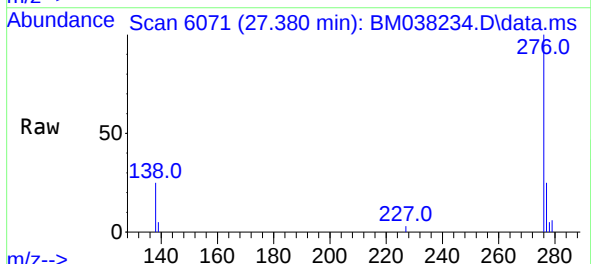
Tgt Ion:278 Resp: 7090
Ion Ratio Lower Upper
278 100
139 33.6 16.8 25.2
279 45.5 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.625 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. 0.010 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04



Tgt Ion:276 Resp: 27263
Ion Ratio Lower Upper
276 100
138 25.3 20.8 31.2
277 25.4 20.5 30.7

