

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038232.D
 Acq On : 23 Dec 2022 14:50
 Operator : CG/JU
 Sample : N6014-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR2

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 23:23:24 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	4748	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14342	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.662	164	7889	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	15232	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9863	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	10091	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	18778	3.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	5241	0.248	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	9171	0.248	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	4342	0.103	ng/ul	96
7) 2-Methylnaphthalene	12.500	142	2686	0.103	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	1771	0.066	ng/ul	99
10) Acenaphthylene	14.389	152	4481	0.103	ng/ul#	93
11) Acenaphthene	14.726	153	1071	0.034	ng/ul	95
12) Fluorene	15.707	166	1058	0.031	ng/ul#	96
15) Phenanthrene	17.447	178	25047	0.491	ng/ul	100
16) Anthracene	17.536	178	5365	0.110	ng/ul#	94
19) Fluoranthene	19.455	202	66578	1.232	ng/ul	100
20) Pyrene	19.817	202	54176m	0.992	ng/ul	
21) Benzo(a)anthracene	21.559	228	28148	0.651	ng/ul	96
22) Chrysene	21.612	228	31670	0.752	ng/ul	97
24) Benzo(b)fluoranthene	23.275	252	47253	1.058	ng/ul	96
25) Benzo(k)fluoranthene	23.322	252	15425m	0.359	ng/ul	
26) Benzo(a)pyrene	23.918	252	30237	0.776	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.585	276	24205	0.448	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.589	278	6055	0.144	ng/ul#	60
29) Benzo(g,h,i)perylene	27.380	276	24312	0.534	ng/ul	99

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

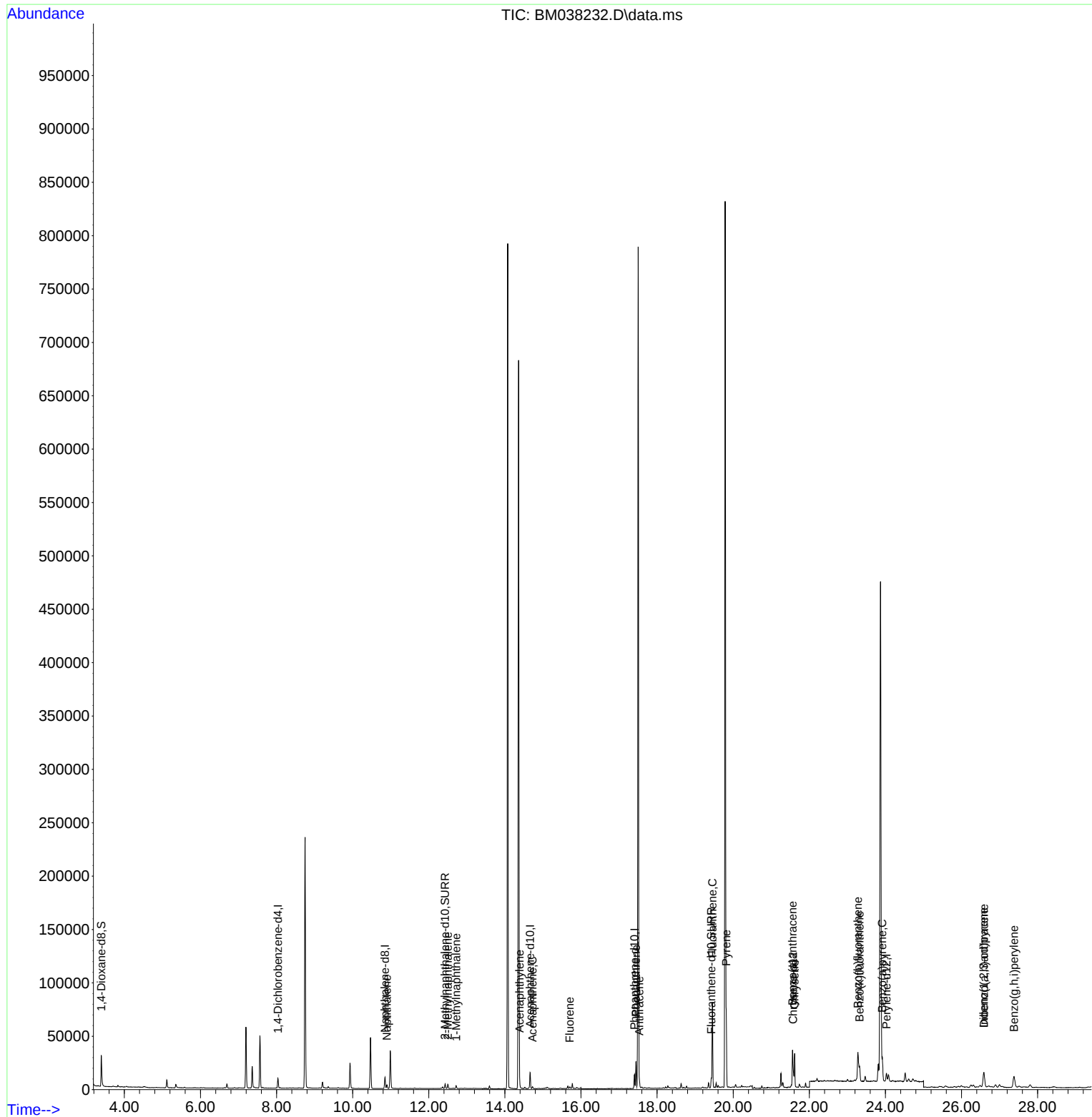
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038232.D
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ALS Vial : 39 Sample Multiplier: 1

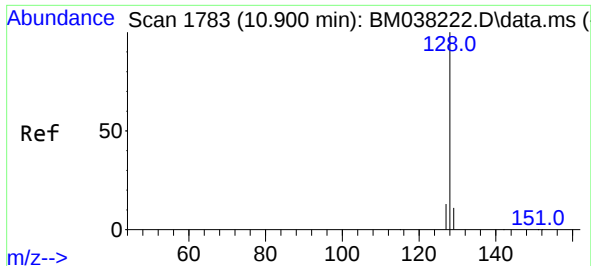
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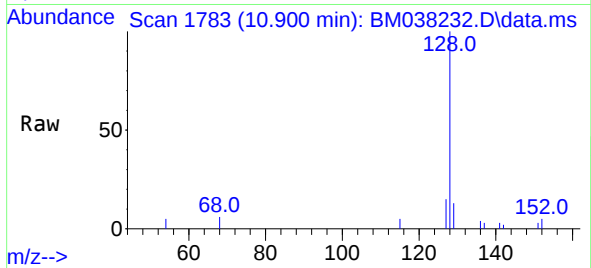
Quant Time: Dec 23 23:23:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

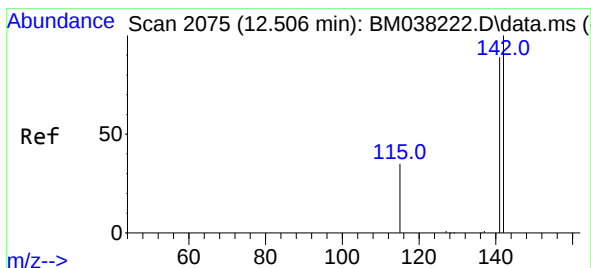
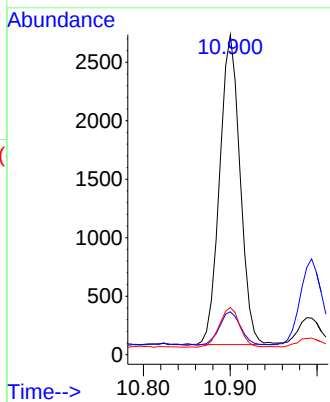
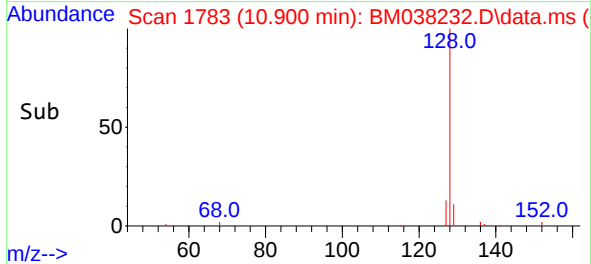
Instrument :
BNA_M
ClientSampleId :
DBXR2



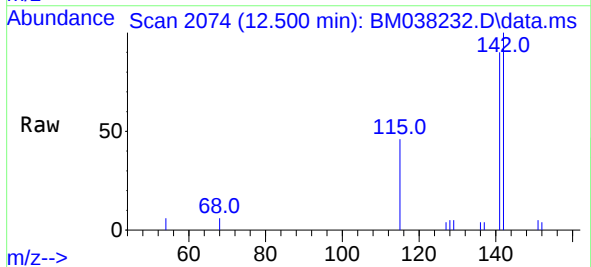
Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
129 13.4 9.4 14.0
127 14.7 10.7 16.1

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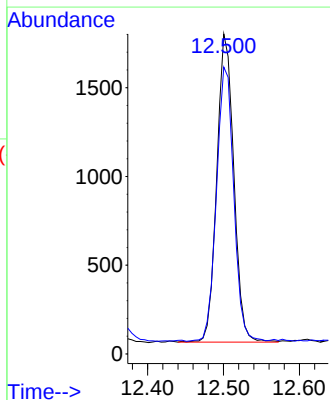
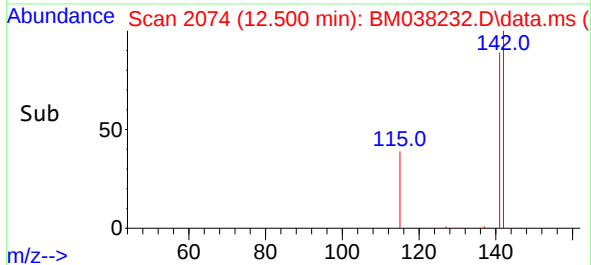
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

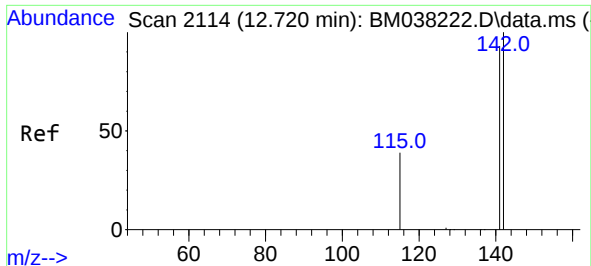


#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50



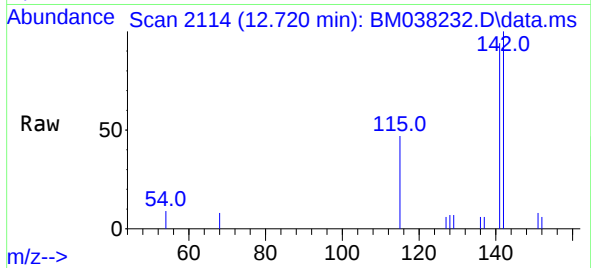
Tgt Ion:142 Resp: 2686
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.066 ng/u1
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

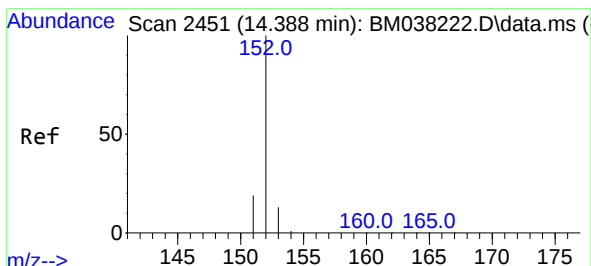
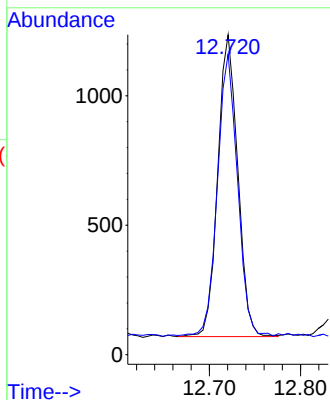
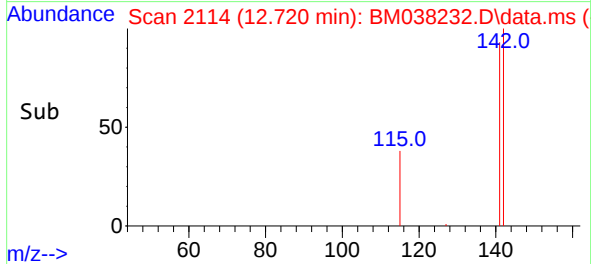
Instrument :
BNA_M
ClientSampleId :
DBXR2



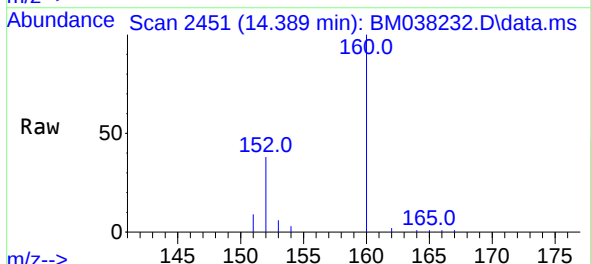
Tgt Ion:142 Resp: 177
Ion Ratio Lower Upper
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141 94.6 74.7 112.1

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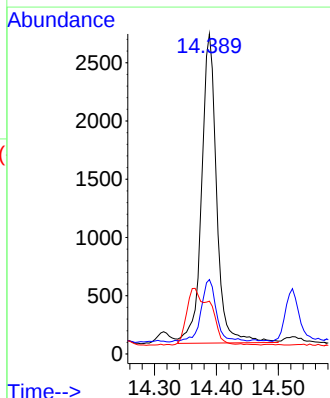
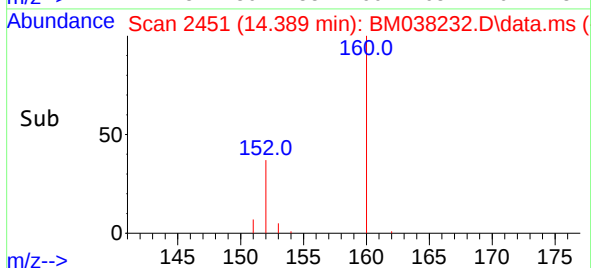
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

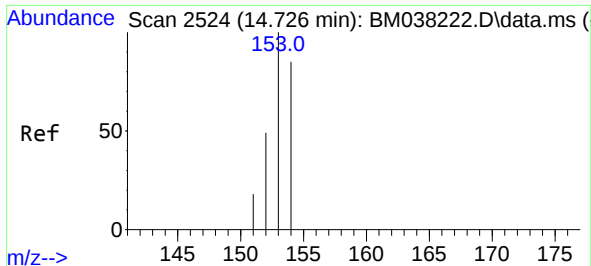


#10
Acenaphthylene
Concen: 0.103 ng/u1
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50



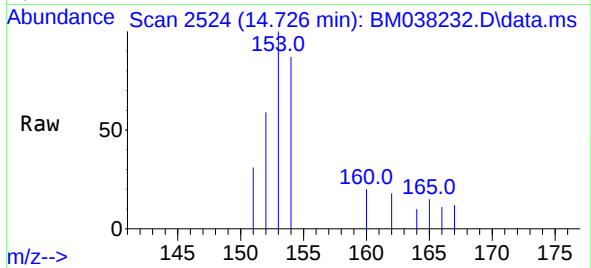
Tgt Ion:152 Resp: 4481
Ion Ratio Lower Upper
152 100
151 23.3 16.2 24.2
153 16.5 10.7 16.1#





#11
Acenaphthene
Concen: 0.034 ng/u1
RT: 14.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

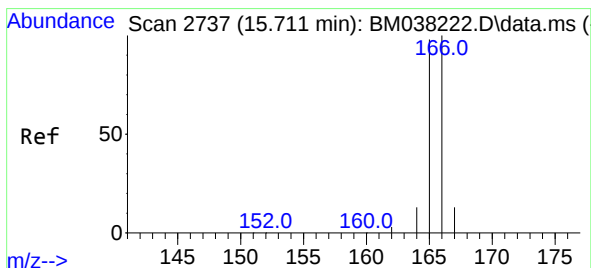
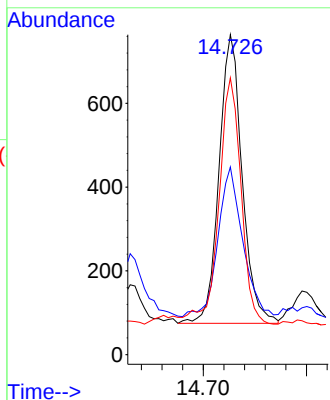
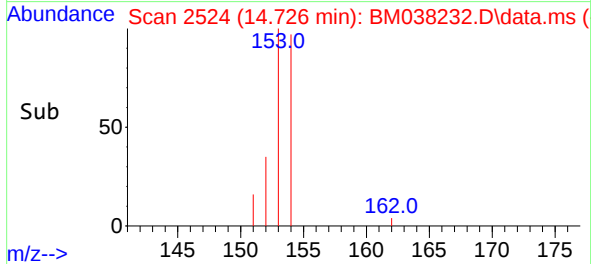
Instrument :
BNA_M
ClientSampleId :
DBXR2



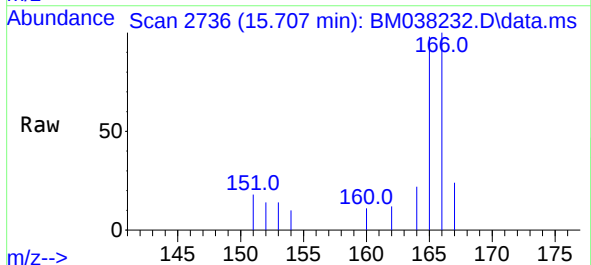
Tgt Ion:153 Resp: 107
Ion Ratio Lower Upper
153 100
152 58.6 39.4 59.0
154 86.5 69.0 103.4

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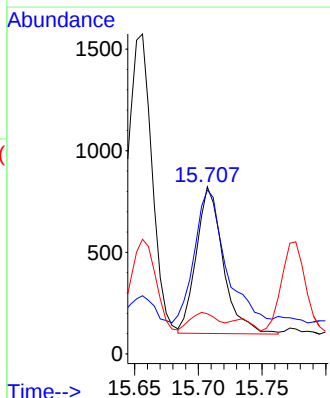
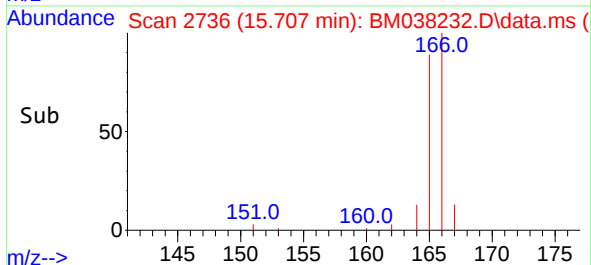
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

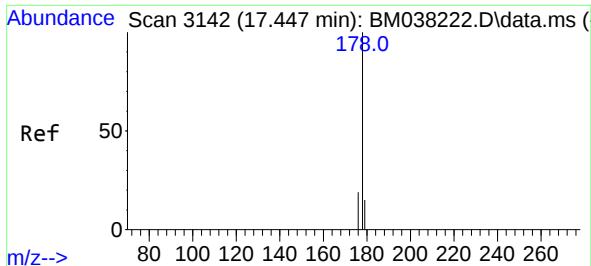


#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.707 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50



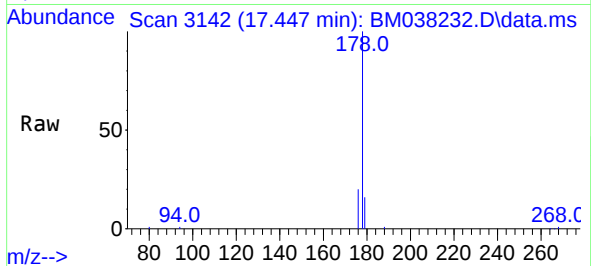
Tgt Ion:166 Resp: 1058
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 24.1 11.0 16.6#





#15
Phenanthrene
Concen: 0.491 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

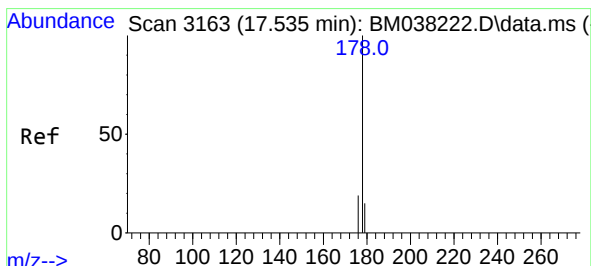
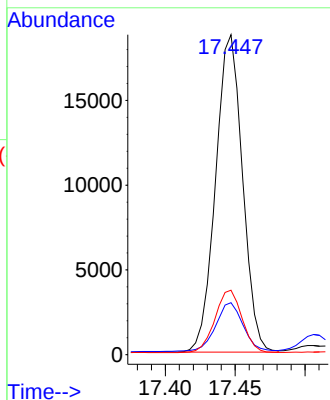
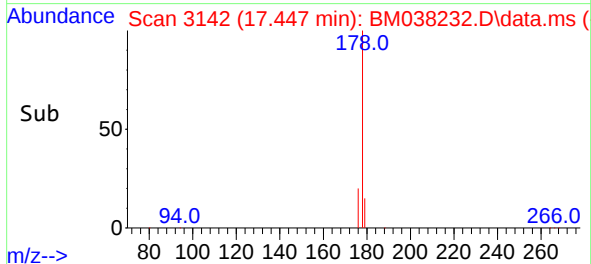
Instrument :
BNA_M
ClientSampleId :
DBXR2



Tgt Ion:178 Resp: 2504
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 20.2 16.2 24.4

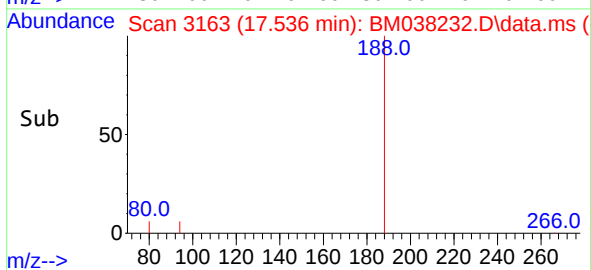
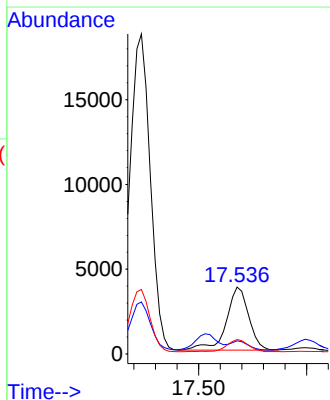
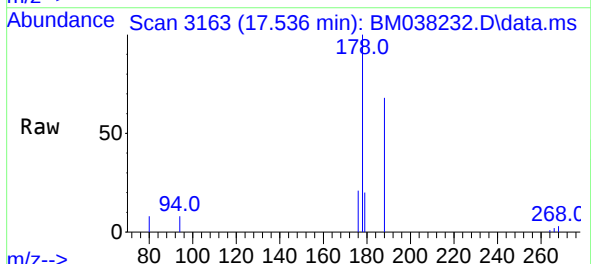
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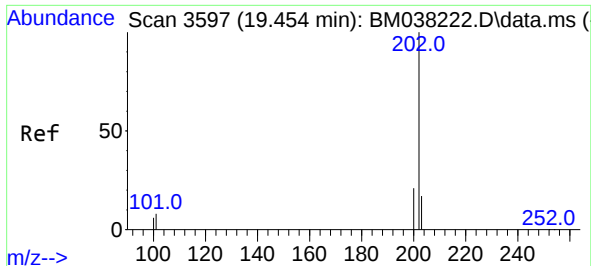
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#16
Anthracene
Concen: 0.110 ng/u1
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

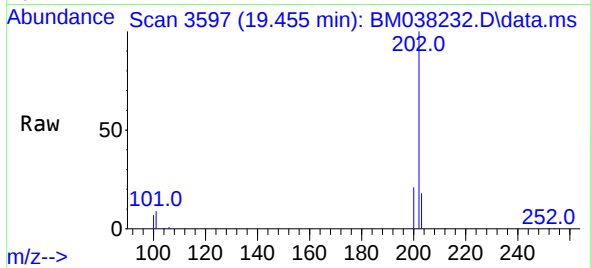
Tgt Ion:178 Resp: 5365
Ion Ratio Lower Upper
178 100
179 19.7 13.0 19.6#
176 21.4 15.6 23.4





#19
Fluoranthene
Concen: 1.232 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

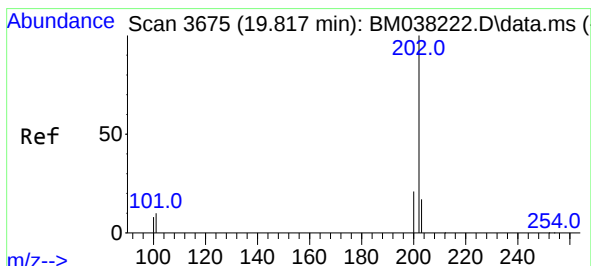
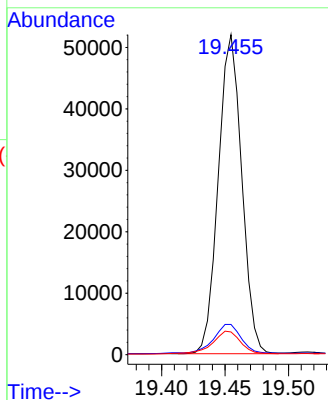
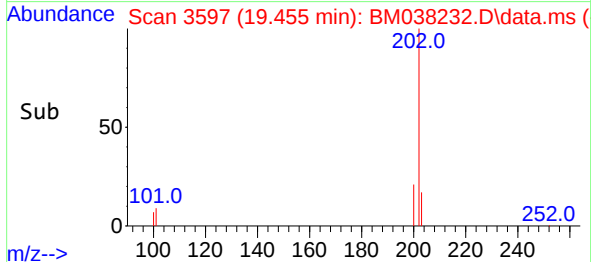
Instrument :
BNA_M
ClientSampleId :
DBXR2



Tgt Ion:202 Resp: 66578
Ion Ratio Lower Upper
202 100
101 9.5 7.5 11.3
100 7.1 5.6 8.4

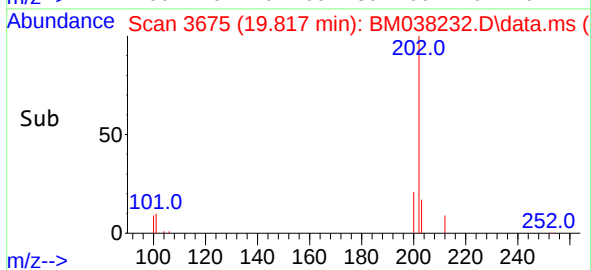
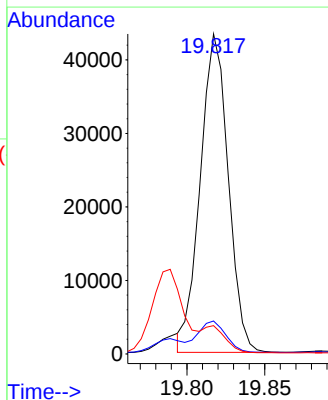
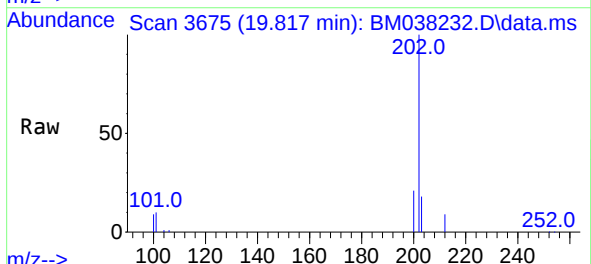
Manual Integrations
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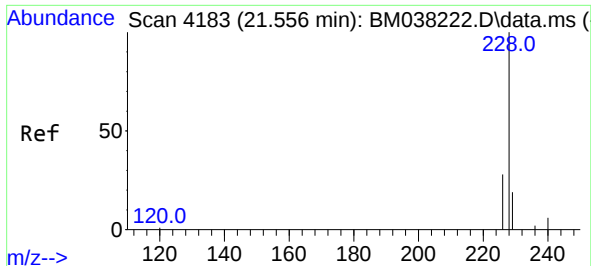
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#20
Pyrene
Concen: 0.992 ng/u1 m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

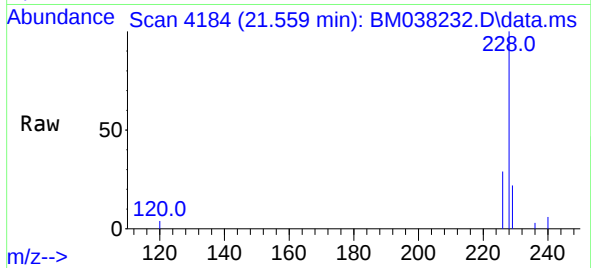
Tgt Ion:202 Resp: 54176
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.8 7.4 11.0





#21
Benzo(a)anthracene
Concen: 0.651 ng/u1
RT: 21.559 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

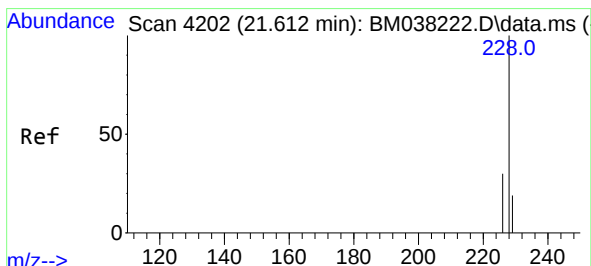
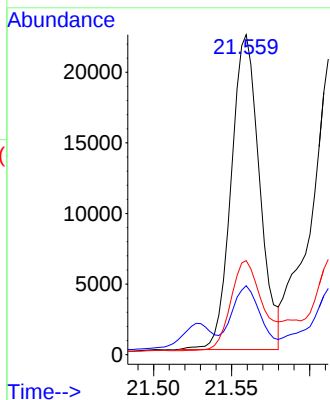
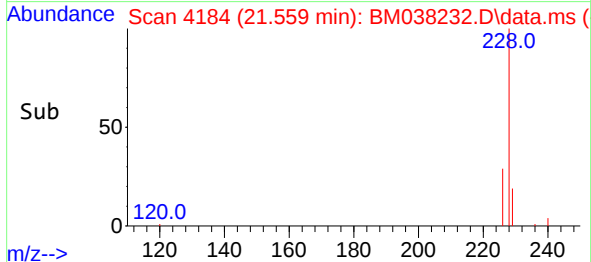
Instrument :
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Tgt Ion:228 Resp: 2814
Ion Ratio Lower Upper
228 100
229 21.5 15.5 23.3
226 29.4 22.2 33.2

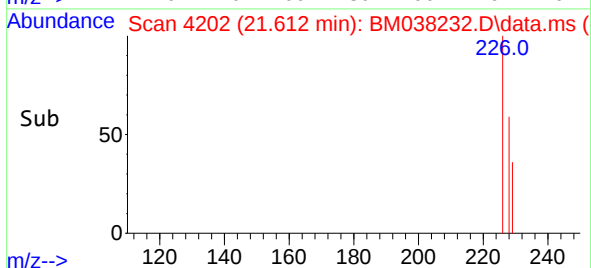
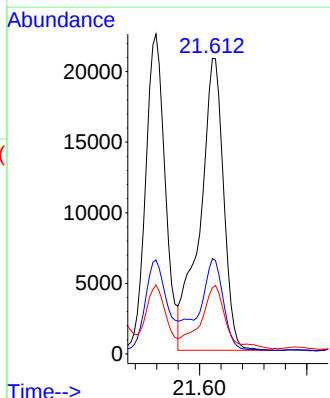
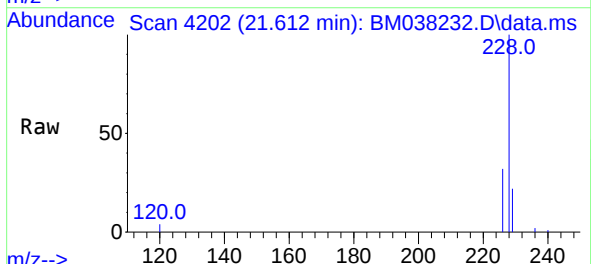
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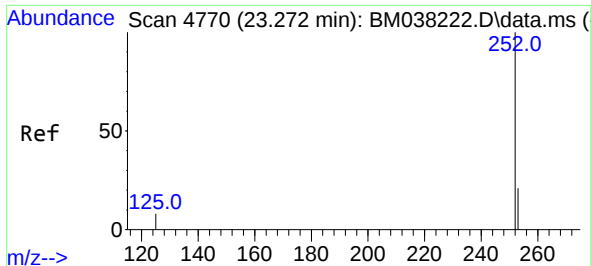
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#22
Chrysene
Concen: 0.752 ng/u1
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

Tgt Ion:228 Resp: 31670
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.4
229 22.4 16.0 24.0





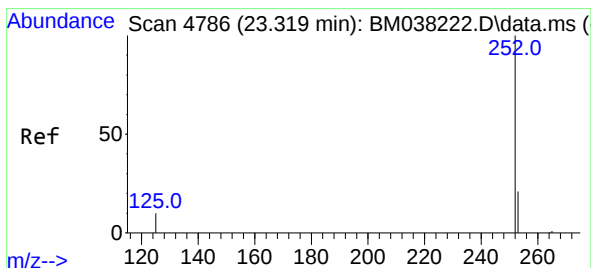
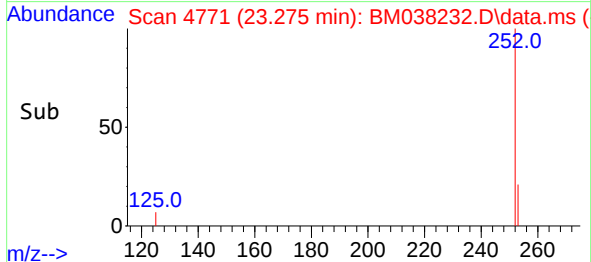
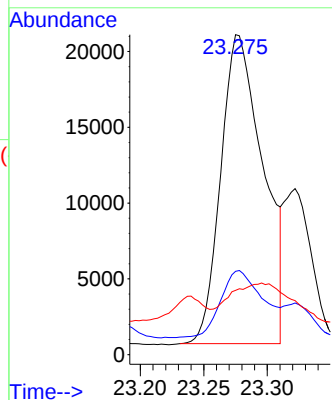
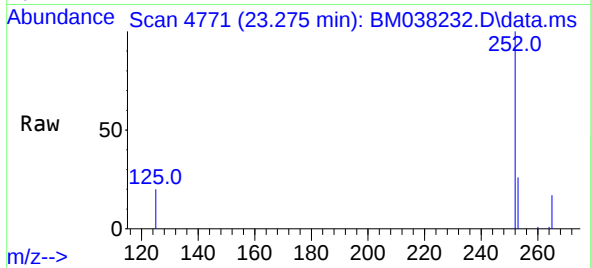
#24
Benzo(b)fluoranthene
Concen: 1.058 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 4725
Ion Ratio Lower Upper
252 100
253 26.0 0.0 56.0
125 20.1 0.0 36.6

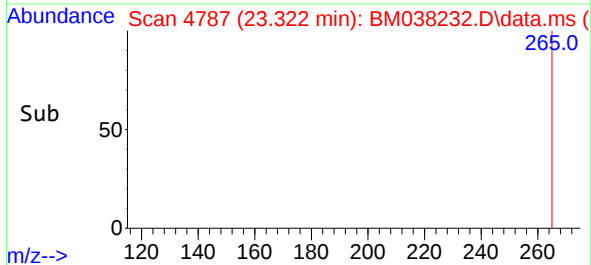
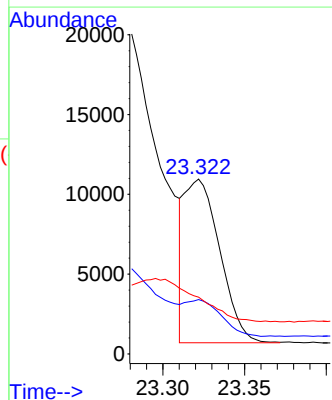
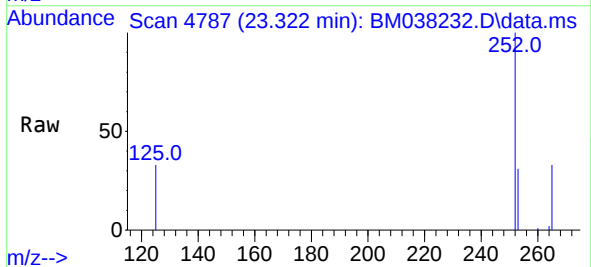
Manual Integrations
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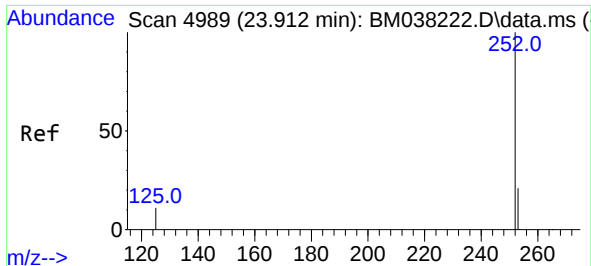
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.359 ng/ul m
RT: 23.322 min Scan# 4787
Delta R.T. 0.000 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

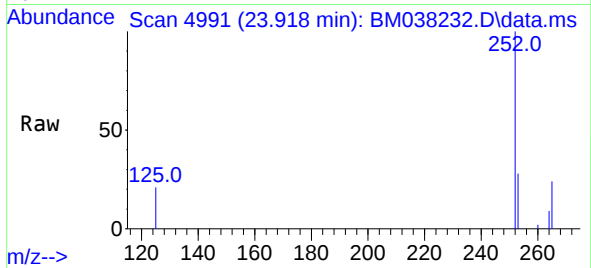
Tgt Ion:252 Resp: 15425
Ion Ratio Lower Upper
252 100
253 31.1 22.5 33.7
125 32.5 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 0.776 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. 0.006 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

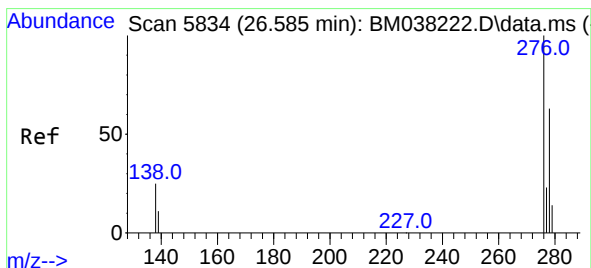
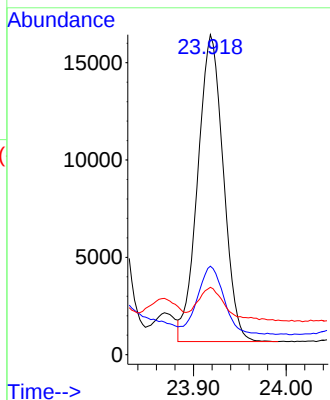
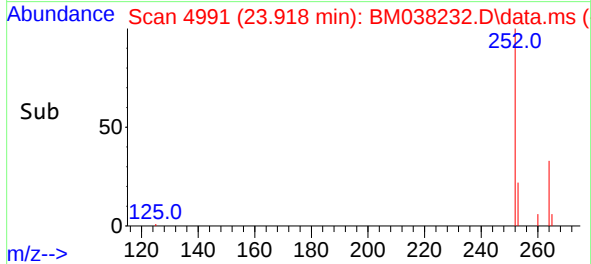
Instrument :
BNA_M
ClientSampleId :
DBXR2



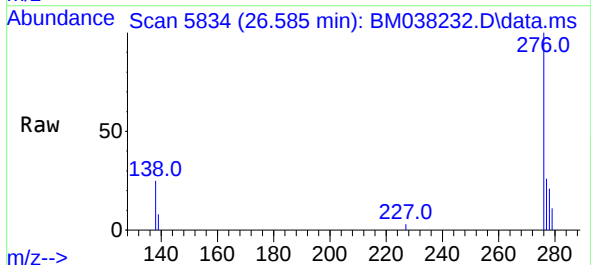
Tgt Ion:252 Resp: 3023
Ion Ratio Lower Upper
252 100
253 27.7 24.2 36.4
125 21.0 17.3 25.9

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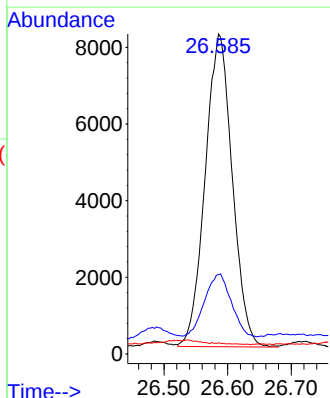
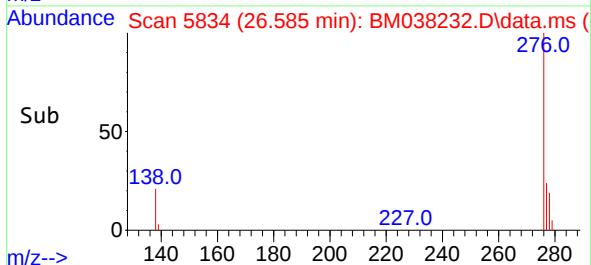
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

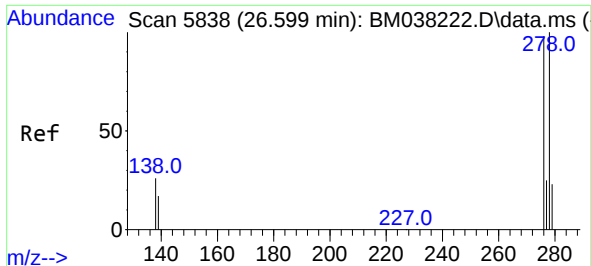


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. 0.004 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50



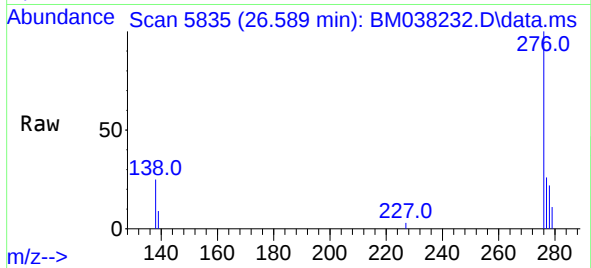
Tgt Ion:276 Resp: 24205
Ion Ratio Lower Upper
276 100
138 19.8 21.7 32.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.144 ng/ul
RT: 26.589 min Scan# 5838
Delta R.T. -0.006 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50

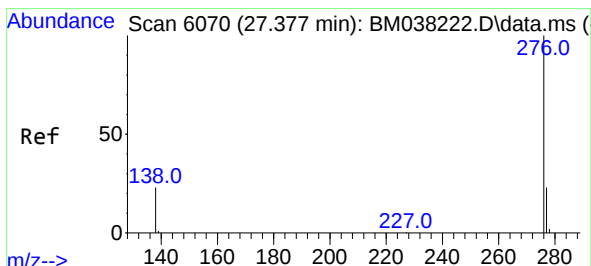
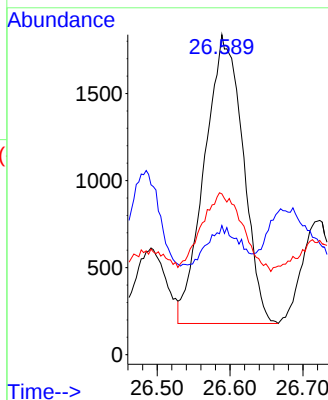
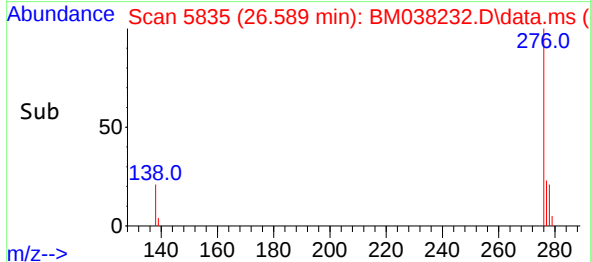
Instrument :
BNA_M
ClientSampleId :
DBXR2



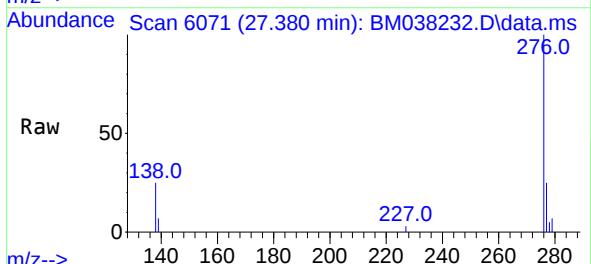
Tgt Ion:278 Resp: 605
Ion Ratio Lower Upper
278 100
139 40.4 16.8 25.2
279 50.3 23.4 35.2

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



#29
Benzo(g,h,i)perylene
Concen: 0.534 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. 0.010 min
Lab File: BM038232.D
Acq: 23 Dec 2022 14:50



Tgt Ion:276 Resp: 24312
Ion Ratio Lower Upper
276 100
138 25.2 20.8 31.2
277 25.5 20.5 30.7

