

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038126.D
 Acq On : 20 Dec 2022 06:03
 Operator : CG/JU
 Sample : N6006-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 06:39:12 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5709	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	18095	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21159	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	15620	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	14577	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	27588	3.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	7526	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	15913	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	4630	0.084	ng/ul	96
7) 2-Methylnaphthalene	12.511	142	1712	0.051	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	1331	0.039	ng/ul	97
10) Acenaphthylene	14.398	152	2823	0.052	ng/ul#	87
11) Acenaphthene	14.735	153	2012	0.049	ng/ul	98
12) Fluorene	15.721	166	2083	0.046	ng/ul#	96
14) Pentachlorophenol	17.067	266	248	0.028	ng/ul	94
15) Phenanthrene	17.455	178	49665	0.697	ng/ul	100
16) Anthracene	17.544	178	10497	0.159	ng/ul	96
19) Fluoranthene	19.459	202	134433	1.666	ng/ul	96
20) Pyrene	19.822	202	105128m	1.276	ng/ul	
21) Benzo(a)anthracene	21.562	228	51308	0.760	ng/ul	99
22) Chrysene	21.615	228	55053	0.809	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	71196	1.030	ng/ul	95
25) Benzo(k)fluoranthene	23.325	252	25431m	0.381	ng/ul	
26) Benzo(a)pyrene	23.921	252	42501	0.730	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.585	276	30842	0.422	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.602	278	7535	0.132	ng/ul#	78
29) Benzo(g,h,i)perylene	27.387	276	29259	0.471	ng/ul	97

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

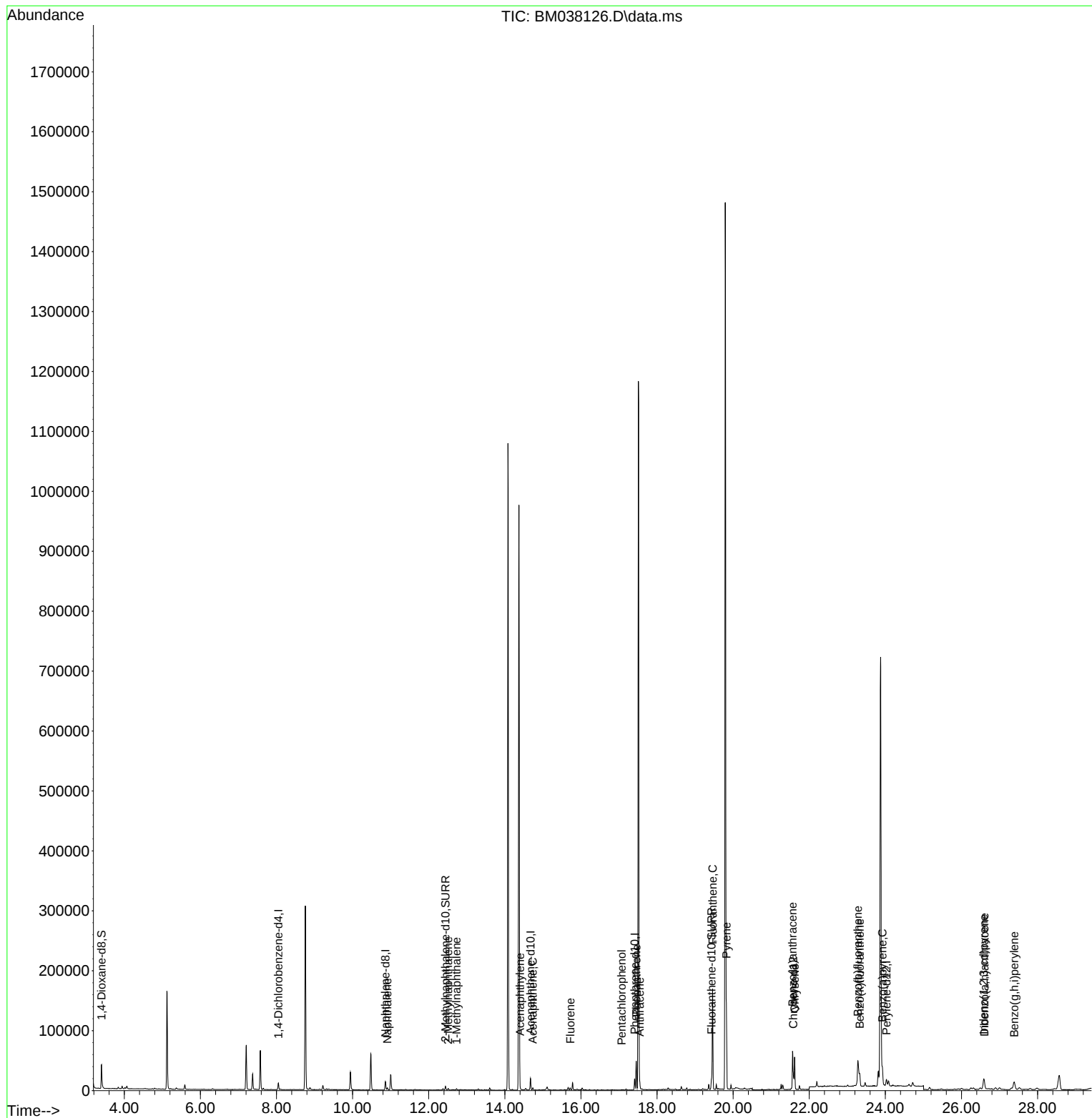
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
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Acq On : 20 Dec 2022 06:03
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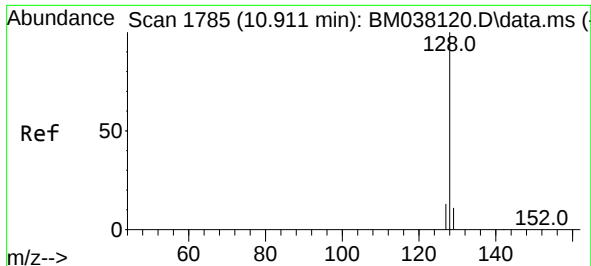
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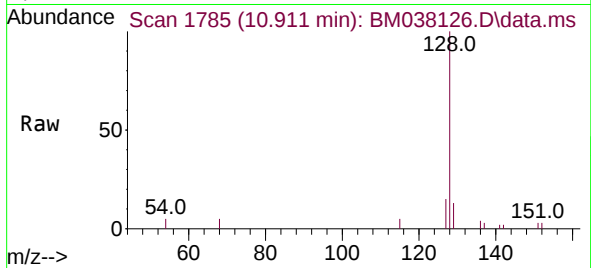
Quant Time: Dec 20 06:39:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

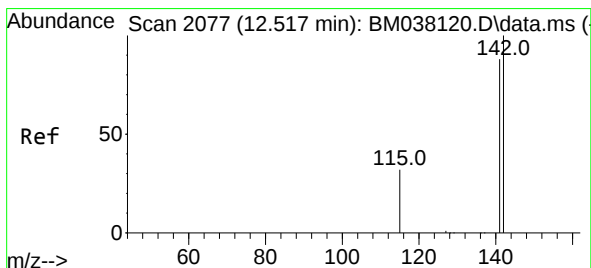
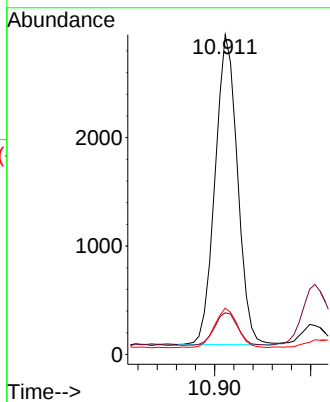
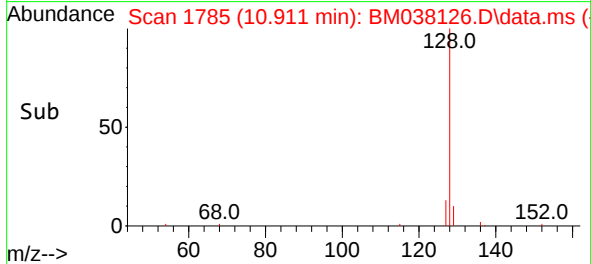
Instrument :
BNA_M
ClientSampleId :
DBXZ7



Tgt Ion:128 Resp: 4630
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 14.5 10.4 15.6

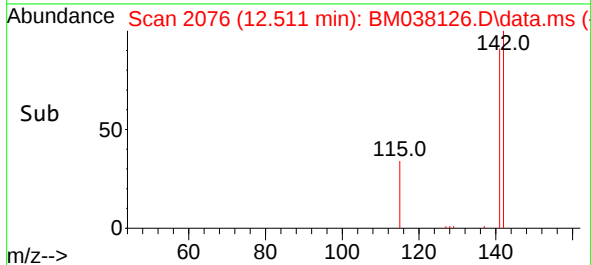
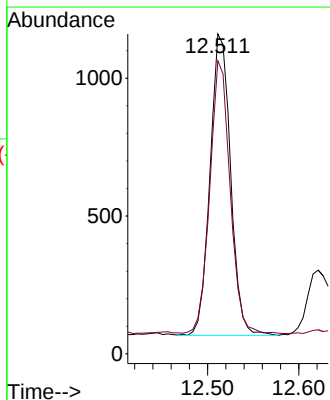
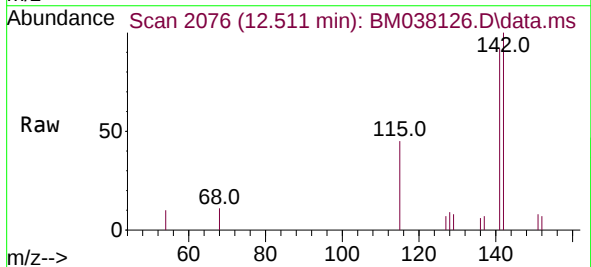
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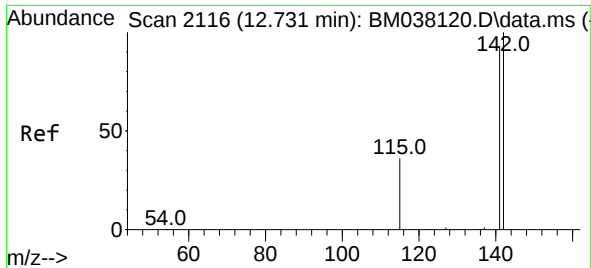
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.511 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

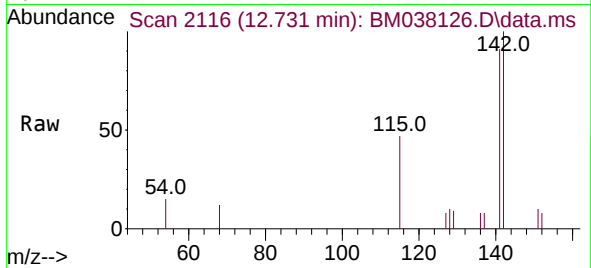
Tgt Ion:142 Resp: 1712
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.731 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

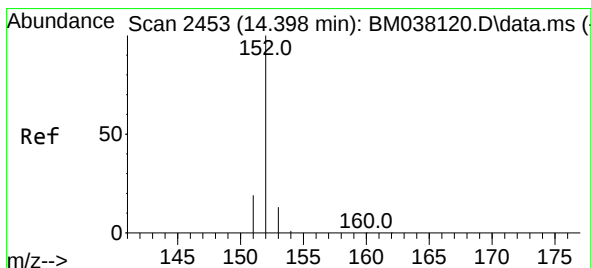
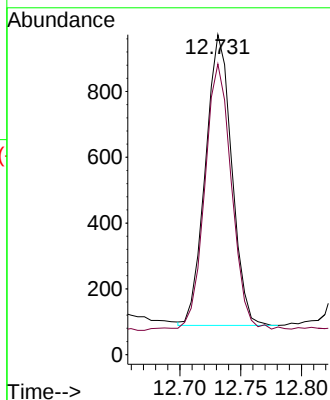
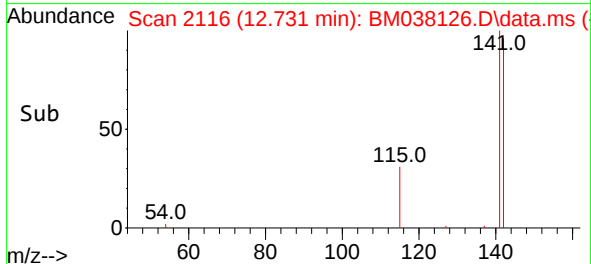
Instrument :
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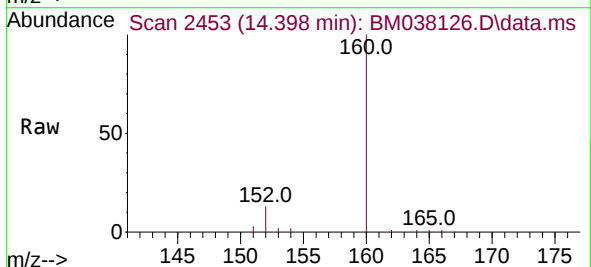
Tgt Ion:142 Resp: 1331
Ion Ratio Lower Upper
142 100
141 94.4 73.6 110.4

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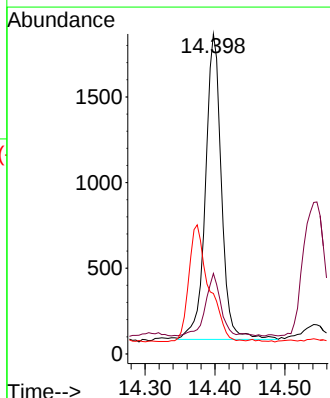
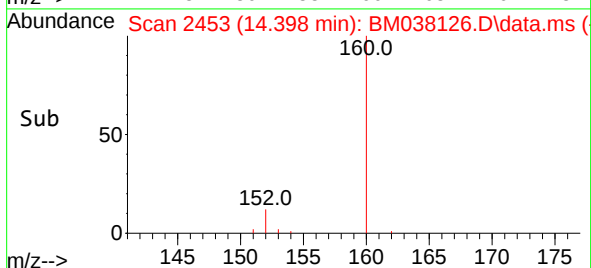
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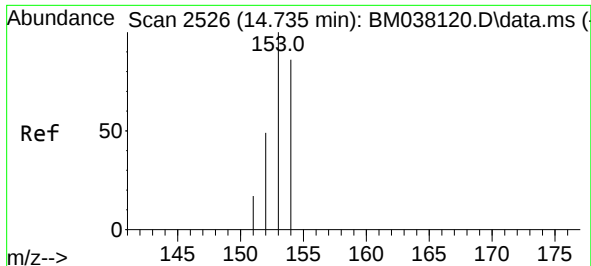


#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03



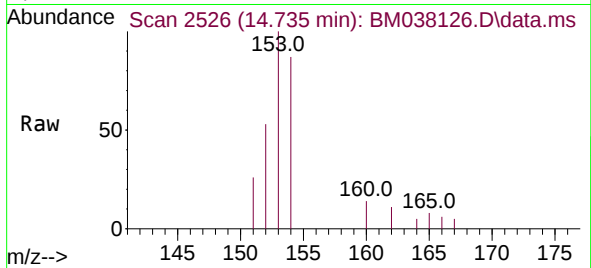
Tgt Ion:152 Resp: 2823
Ion Ratio Lower Upper
152 100
151 25.1 15.5 23.3#
153 18.9 11.0 16.4#





#11
Acenaphthene
Concen: 0.049 ng/u1
RT: 14.735 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

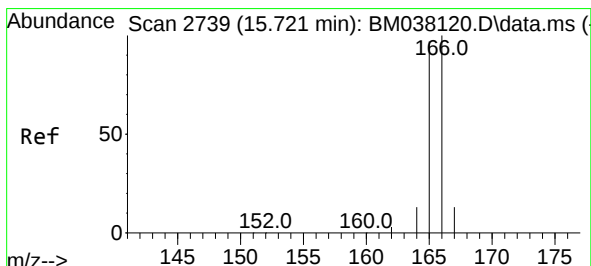
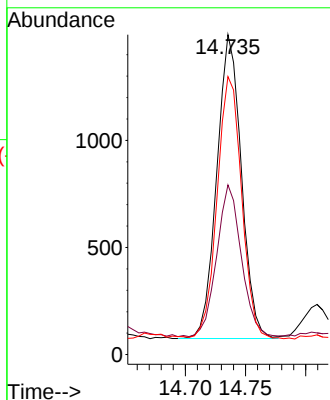
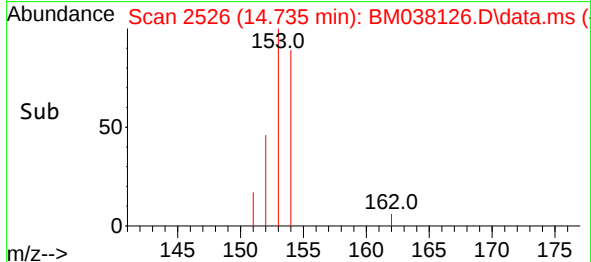
Instrument :
BNA_M
ClientSampleId :
DBXZ7



Tgt Ion:153 Resp: 2012
Ion Ratio Lower Upper
153 100
152 53.0 39.5 59.3
154 86.9 69.2 103.8

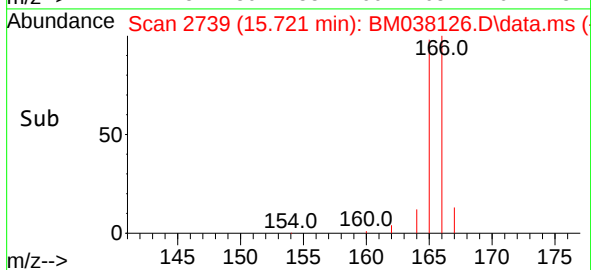
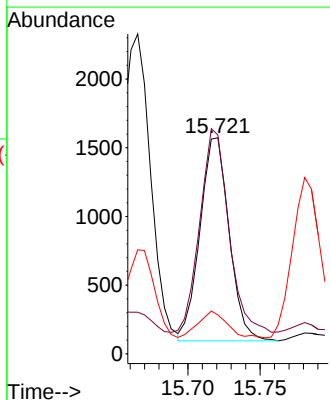
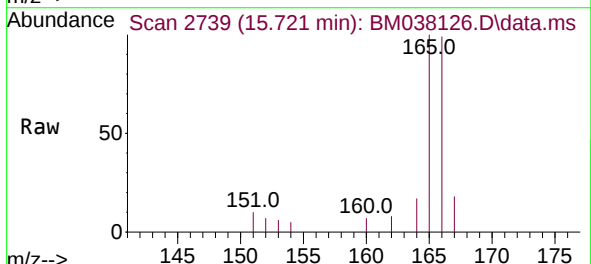
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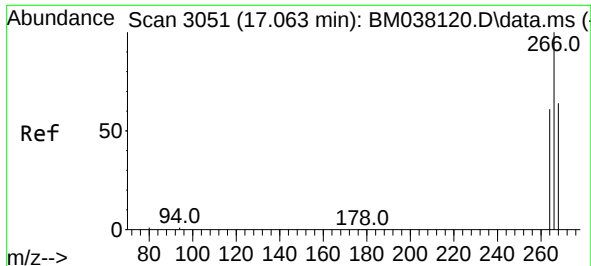
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#12
Fluorene
Concen: 0.046 ng/u1
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

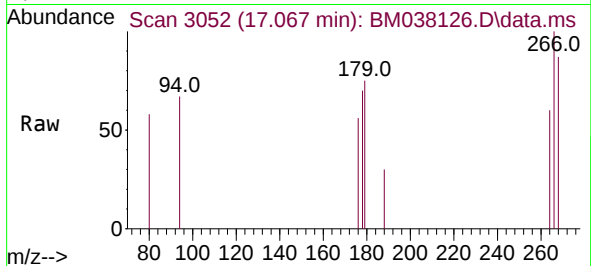
Tgt Ion:166 Resp: 2083
Ion Ratio Lower Upper
166 100
165 101.3 79.0 118.4
167 18.1 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.067 min Scan# 3051
Delta R.T. -0.000 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

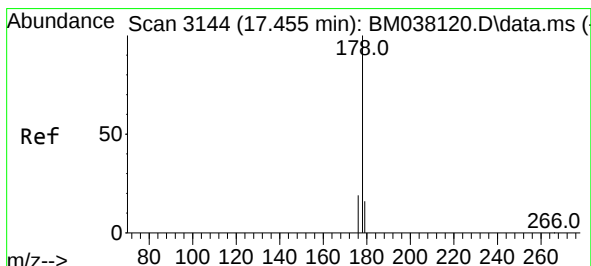
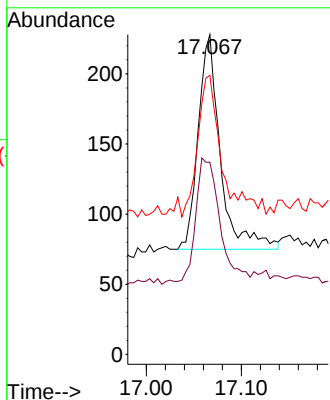
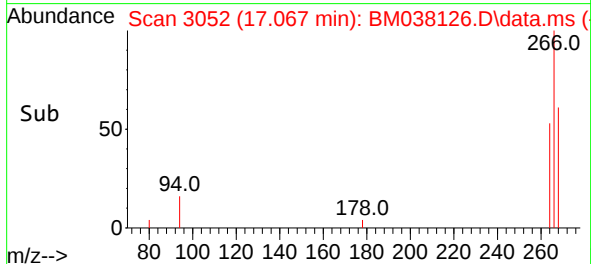
Instrument :
BNA_M
ClientSampleId :
DBXZ7



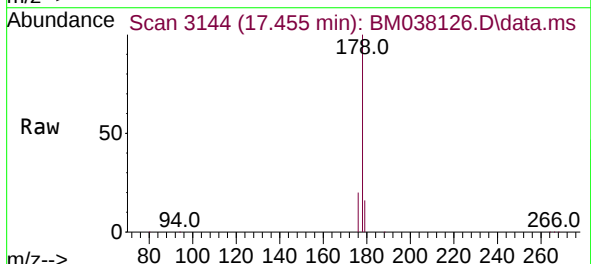
Tgt Ion:266 Resp: 248
Ion Ratio Lower Upper
266 100
264 60.9 49.9 74.9
268 73.0 52.0 78.0

Manual Integrations
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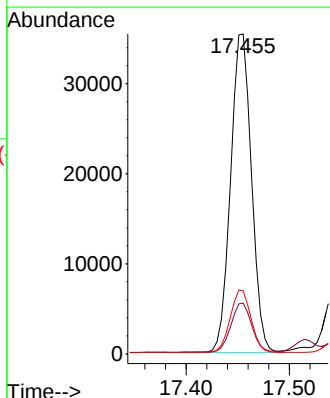
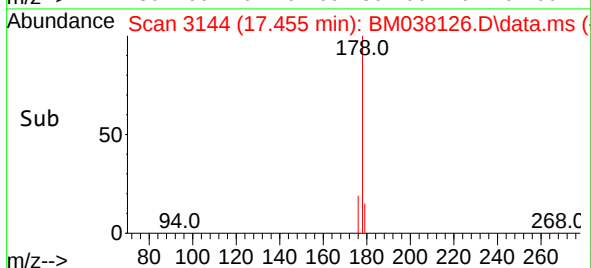
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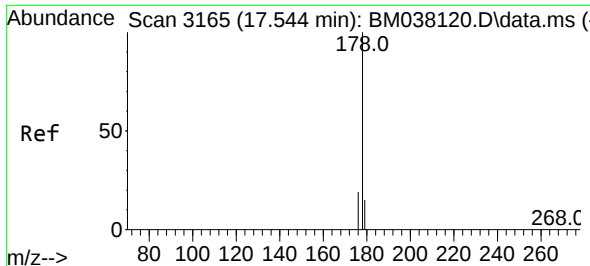


#15
Phenanthrene
Concen: 0.697 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03



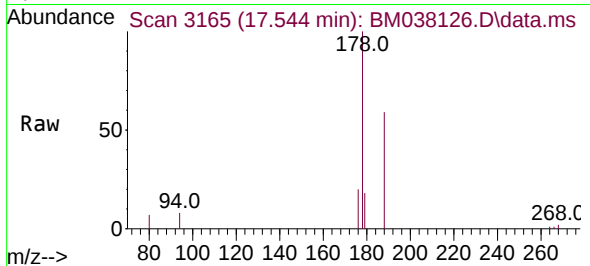
Tgt Ion:178 Resp: 49665
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 15.8 23.6





#16
 Anthracene
 Concen: 0.159 ng/ul
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038126.D
 Acq: 20 Dec 2022 06:03

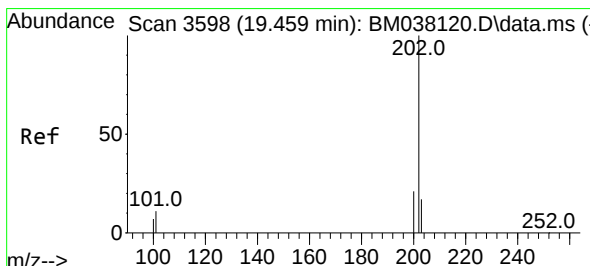
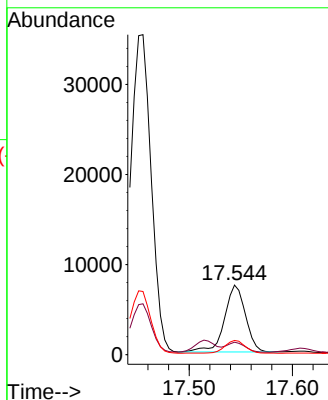
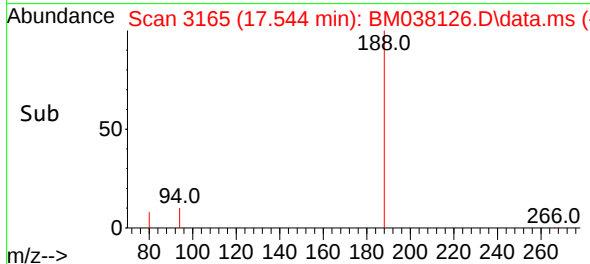
Instrument :
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Tgt Ion:178 Resp: 10497
 Ion Ratio Lower Upper
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 179 17.8 13.0 19.4
 176 20.5 15.0 22.4

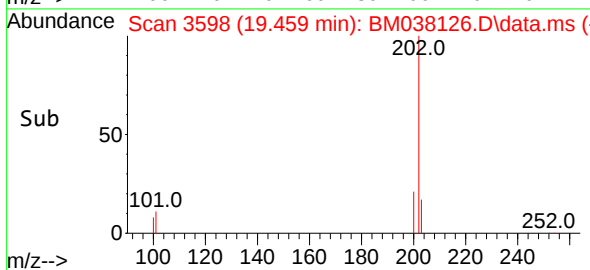
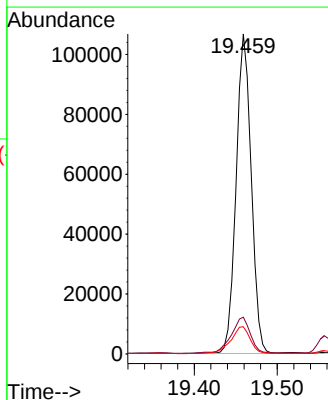
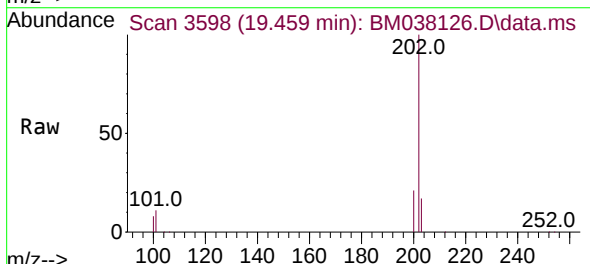
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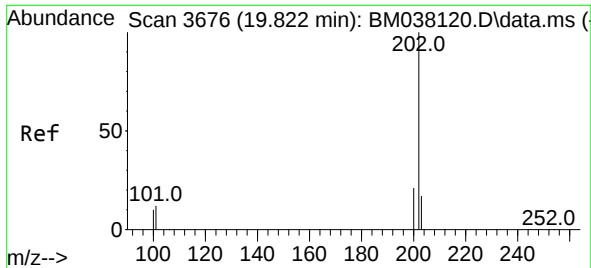
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022



#19
 Fluoranthene
 Concen: 1.666 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM038126.D
 Acq: 20 Dec 2022 06:03

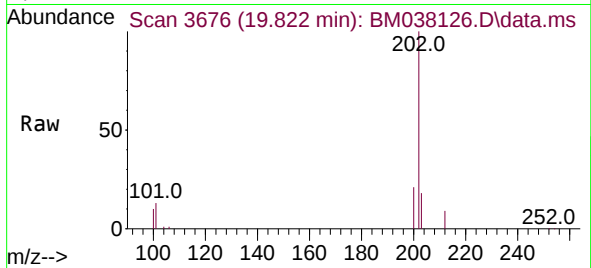
Tgt Ion:202 Resp: 134433
 Ion Ratio Lower Upper
 202 100
 101 11.5 10.6 15.8
 100 8.5 7.9 11.9





#20
Pyrene
Concen: 1.276 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

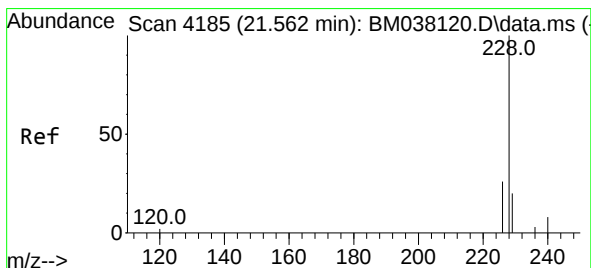
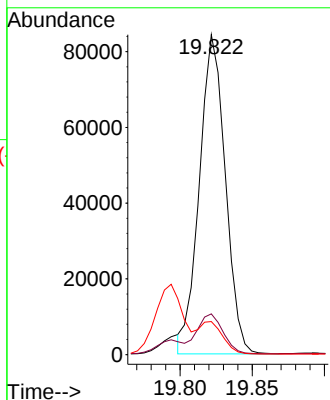
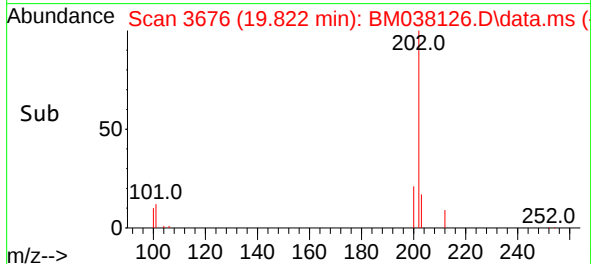
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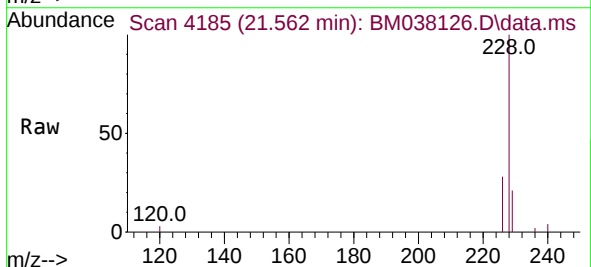
Tgt Ion:202 Resp: 105128
Ion Ratio Lower Upper
202 100
101 12.7 12.1 18.1
100 10.4 9.8 14.6

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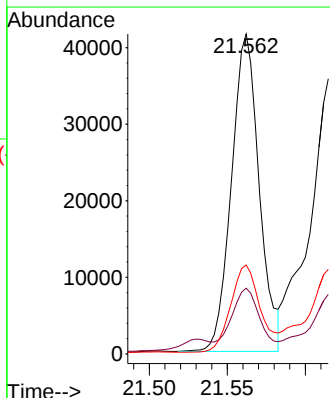
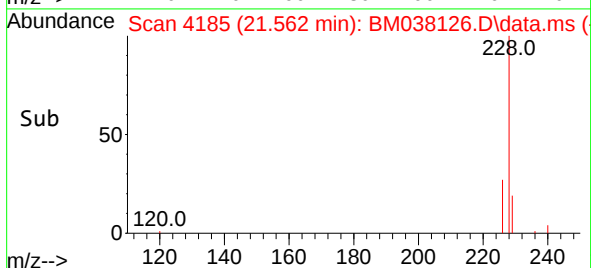
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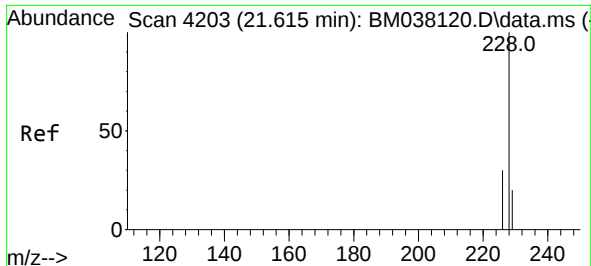


#21
Benzo(a)anthracene
Concen: 0.760 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03



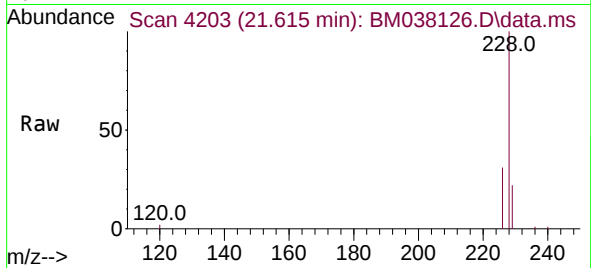
Tgt Ion:228 Resp: 51308
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 27.8 22.1 33.1





#22
Chrysene
Concen: 0.809 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

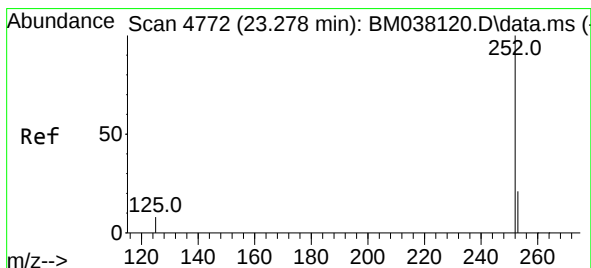
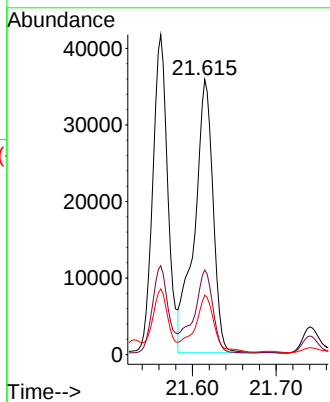
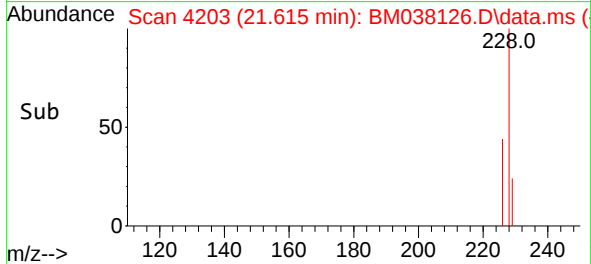
Instrument :
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ClientSampleId :
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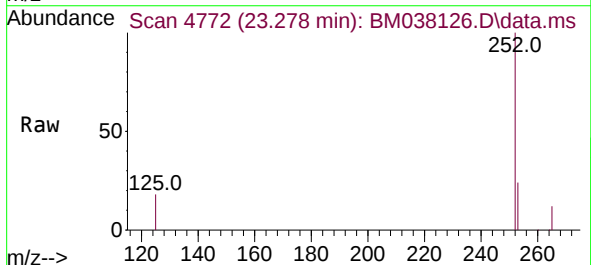
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Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.6 15.7 23.5

Manual Integrations
APPROVED

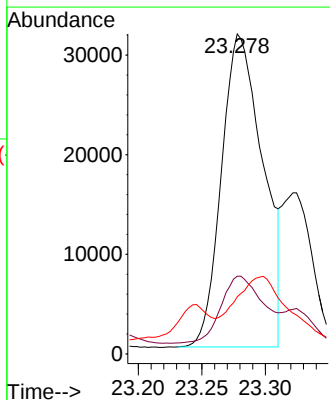
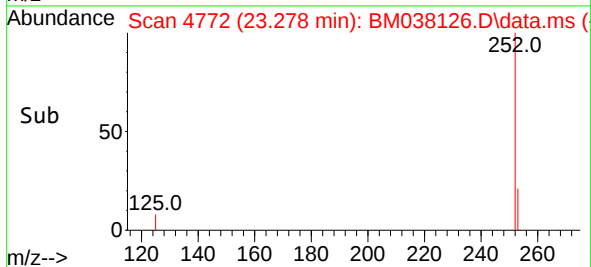
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

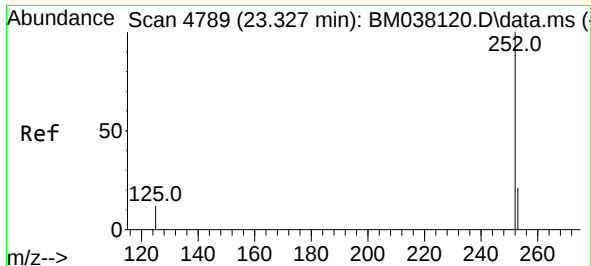


#24
Benzo(b)fluoranthene
Concen: 1.030 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03



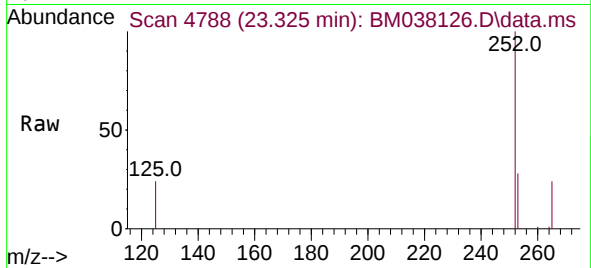
Tgt Ion:252 Resp: 71196
Ion Ratio Lower Upper
252 100
253 24.3 0.0 51.8
125 17.8 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

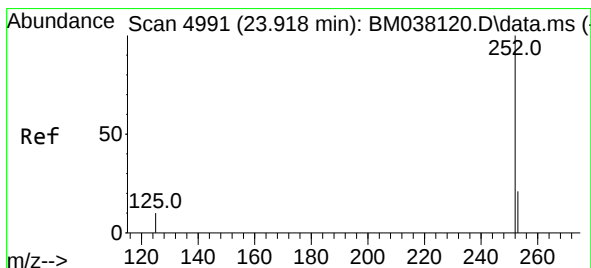
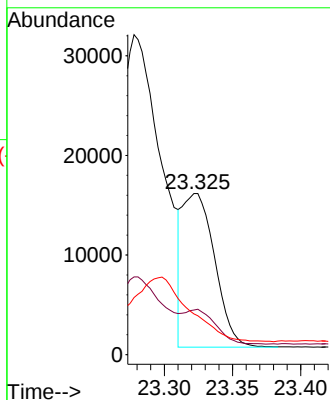
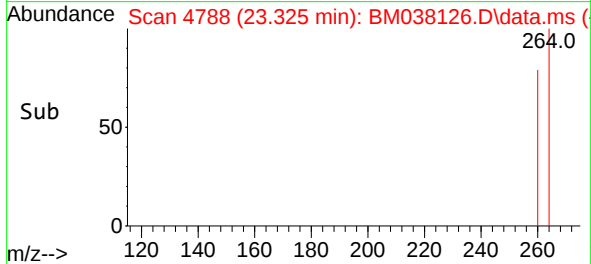
Instrument :
BNA_M
ClientSampleId :
DBXZ7



Tgt Ion:252 Resp: 25431
Ion Ratio Lower Upper
252 100
253 28.2 20.8 31.2
125 24.1 17.1 25.7

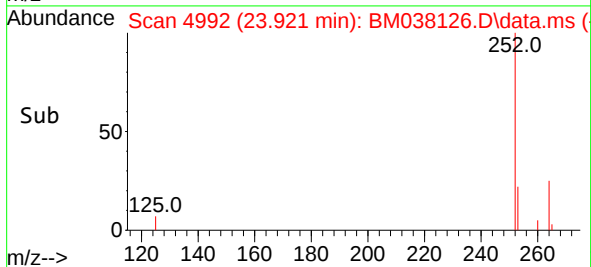
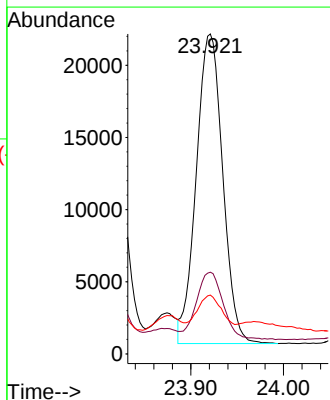
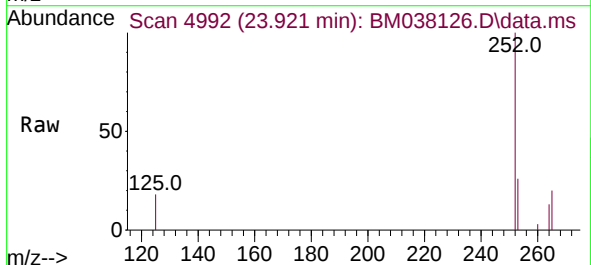
Manual Integrations
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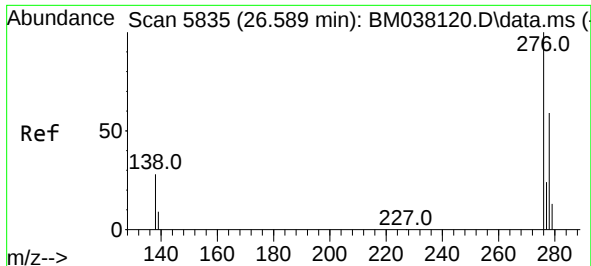
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.730 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

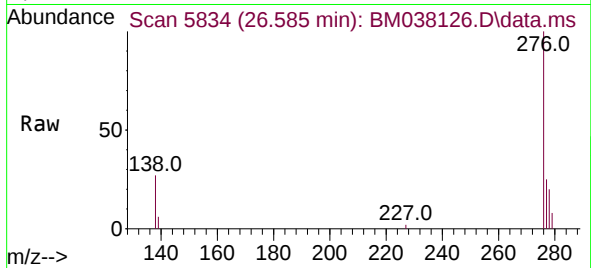
Tgt Ion:252 Resp: 42501
Ion Ratio Lower Upper
252 100
253 25.5 21.9 32.9
125 18.4 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.585 min Scan# 5835
Delta R.T. -0.013 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

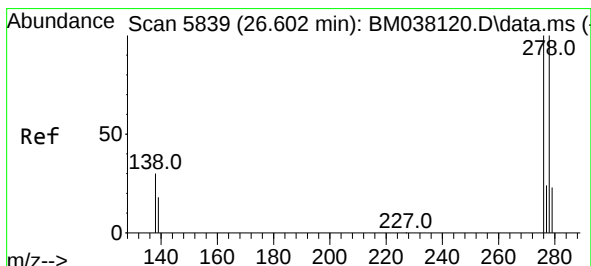
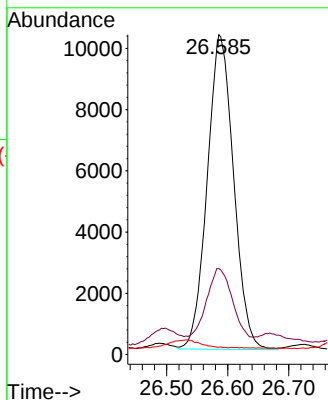
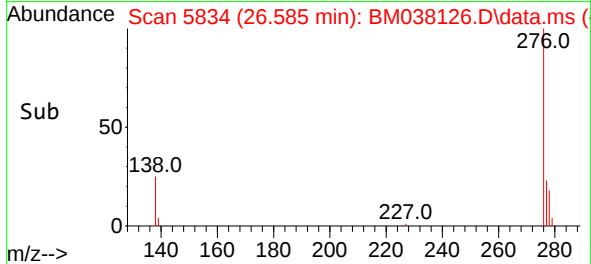
Instrument :
BNA_M
ClientSampleId :
DBXZ7



Tgt Ion: 276 Resp: 30842
Ion Ratio Lower Upper
276 100
138 25.0 26.6 40.0#
227 0.0 0.1 0.1#

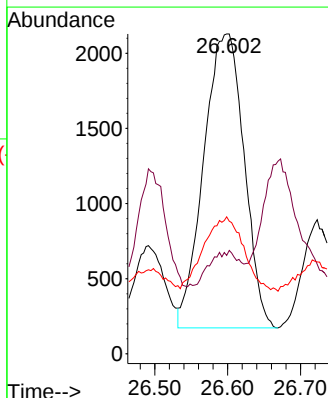
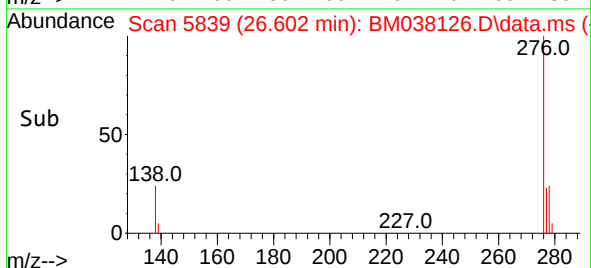
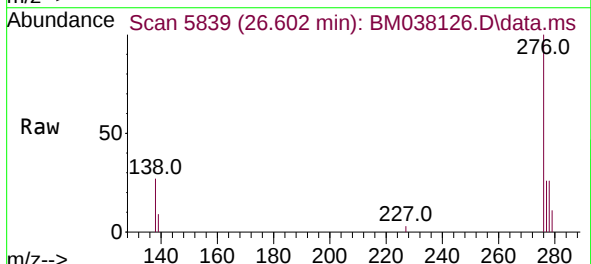
Manual Integrations
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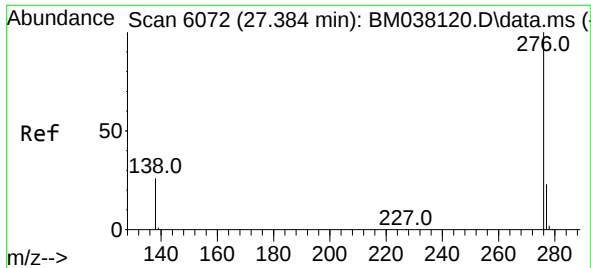
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.132 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038126.D
Acq: 20 Dec 2022 06:03

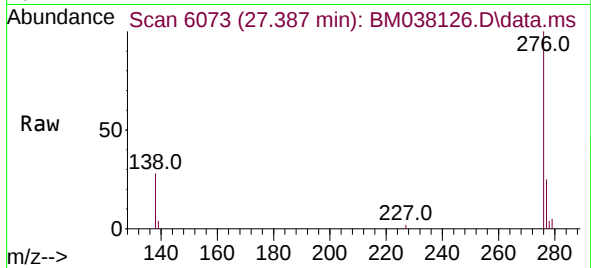
Tgt Ion: 278 Resp: 7535
Ion Ratio Lower Upper
278 100
139 32.3 19.0 28.6#
279 41.5 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.471 ng/ul
 RT: 27.387 min Scan# 6073
 Delta R.T. -0.007 min
 Lab File: BM038126.D
 Acq: 20 Dec 2022 06:03

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ7



Tgt Ion: 276 Resp: 29259
 Ion Ratio Lower Upper
 276 100
 138 28.4 24.1 36.1
 277 24.7 19.0 28.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

