

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038130.D
 Acq On : 20 Dec 2022 08:28
 Operator : CG/JU
 Sample : N6006-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXQ6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 20 23:53:53 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	8.047	152	4786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	15322	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.676	164	8964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19084	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	15158	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	14664	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	29011	4.435	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.440	152	8617	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	20495	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	6901	0.149	ng/ul	97
7) 2-Methylnaphthalene	12.517	142	3047	0.107	ng/ul	100
8) 1-Methylnaphthalene	12.732	142	2382	0.082	ng/ul	98
10) Acenaphthylene	14.398	152	5792	0.123	ng/ul#	93
11) Acenaphthene	14.736	153	3598	0.101	ng/ul	99
12) Fluorene	15.716	166	3103	0.079	ng/ul#	98
14) Pentachlorophenol	17.063	266	296	0.037	ng/ul	94
15) Phenanthrene	17.451	178	82428	1.283	ng/ul	99
16) Anthracene	17.544	178	14065	0.237	ng/ul	98
19) Fluoranthene	19.459	202	182535	2.331	ng/ul	95
20) Pyrene	19.822	202	145827m	1.825	ng/ul	
21) Benzo(a)anthracene	21.562	228	76231	1.164	ng/ul	99
22) Chrysene	21.615	228	83120	1.258	ng/ul	97
24) Benzo(b)fluoranthene	23.281	252	114556	1.647	ng/ul	92
25) Benzo(k)fluoranthene	23.325	252	41875m	0.624	ng/ul	
26) Benzo(a)pyrene	23.921	252	71444	1.220	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.589	276	51761	0.704	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.596	278	12823	0.224	ng/ul#	88
29) Benzo(g,h,i)perylene	27.380	276	45595	0.730	ng/ul	96

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

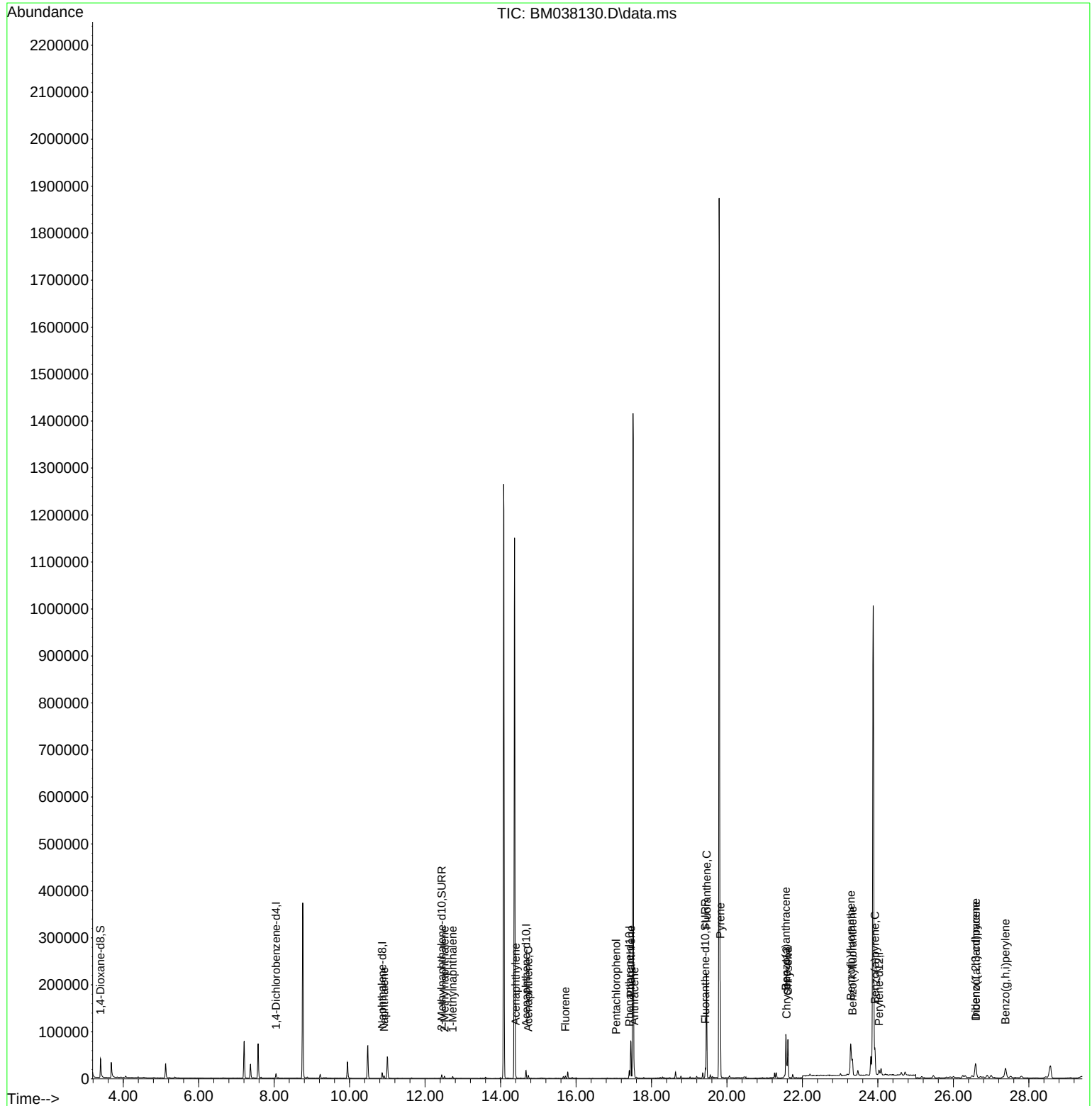
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038130.D
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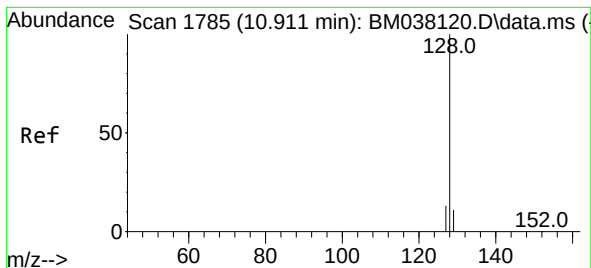
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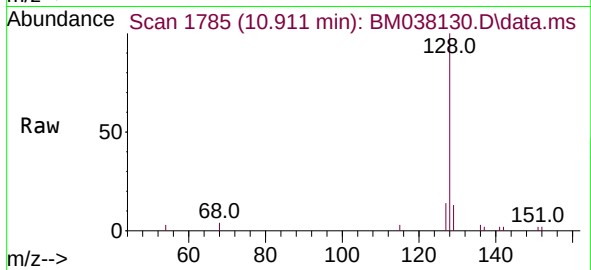
Quant Time: Dec 20 23:53:53 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
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#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

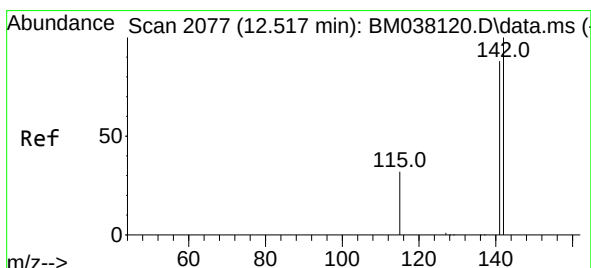
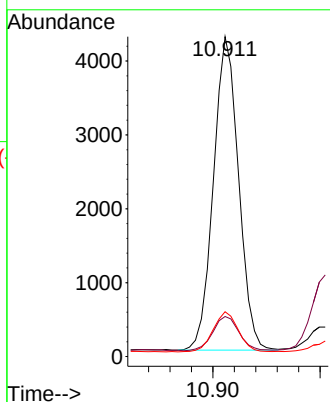
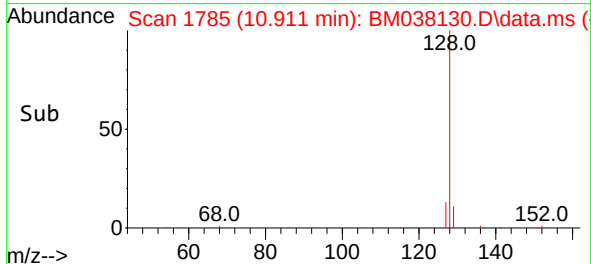
Instrument :
BNA_M
ClientSampleId :
DBXQ6



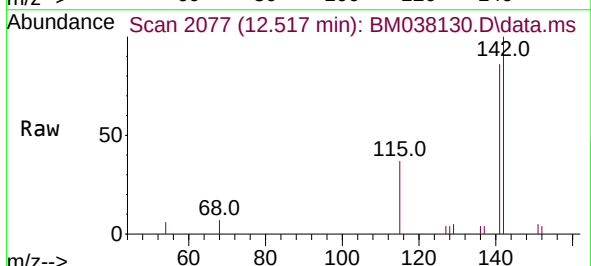
Tgt Ion:128 Resp: 6901
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.0 10.4 15.6

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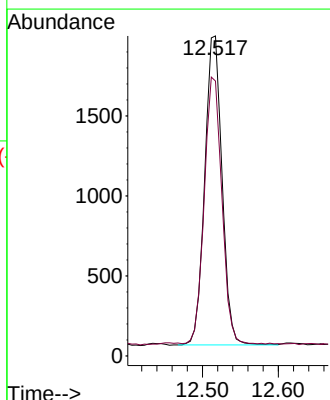
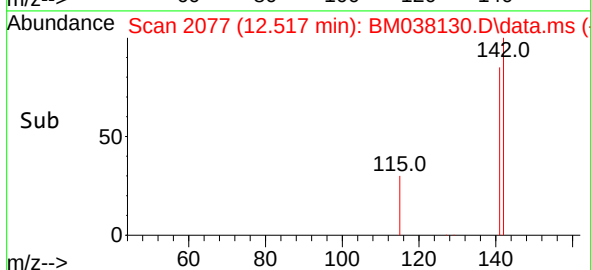
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022

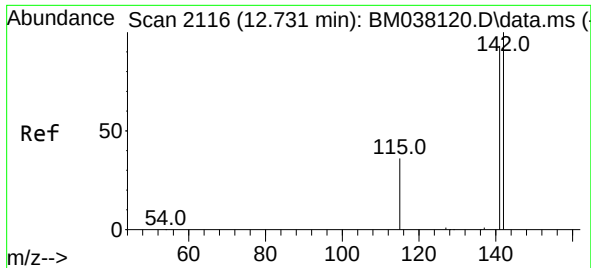


#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28



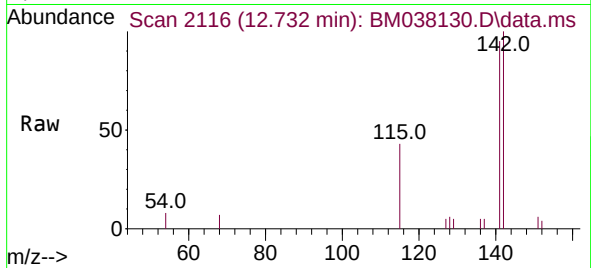
Tgt Ion:142 Resp: 3047
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.732 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

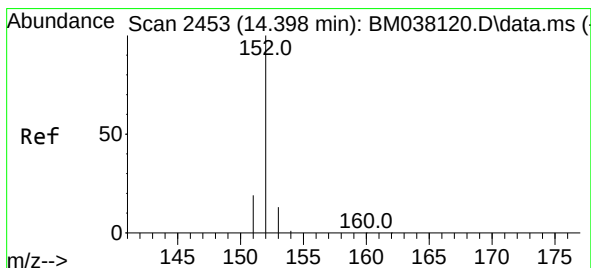
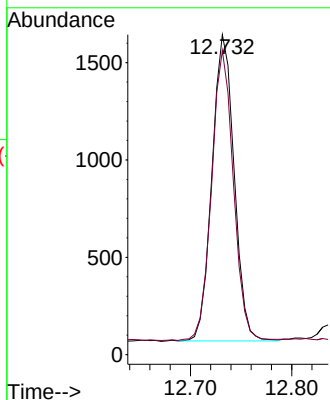
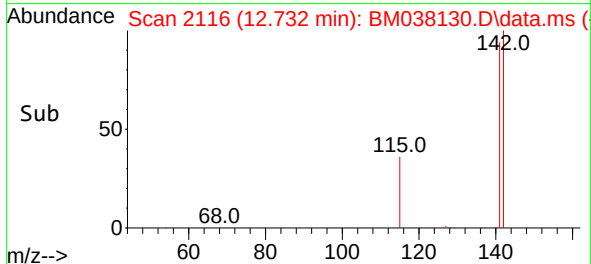
Instrument :
BNA_M
ClientSampleId :
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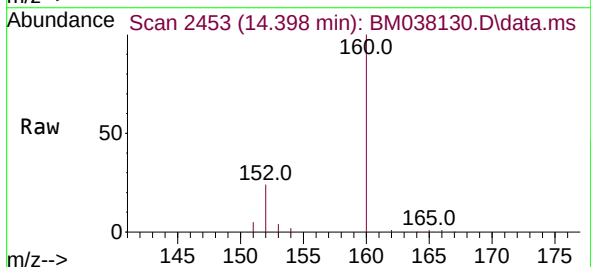
Tgt Ion:142 Resp: 2382
Ion Ratio Lower Upper
142 100
141 93.6 73.6 110.4

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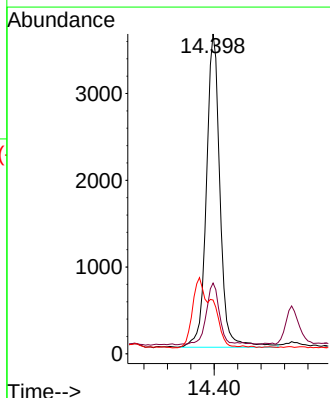
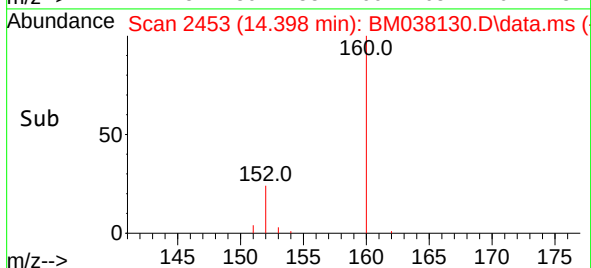
Reviewed By :Jagrut Upadhyay 12/20/2022
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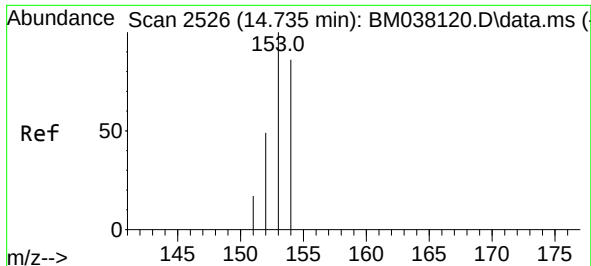


#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28



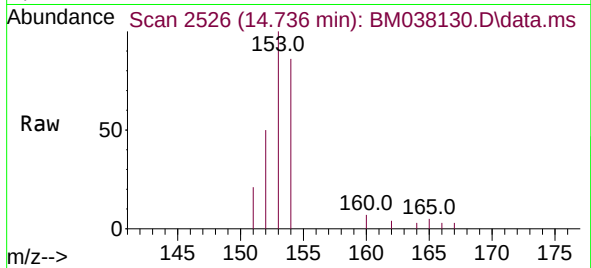
Tgt Ion:152 Resp: 5792
Ion Ratio Lower Upper
152 100
151 22.1 15.5 23.3
153 16.8 11.0 16.4#





#11
Acenaphthene
Concen: 0.101 ng/u1
RT: 14.736 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

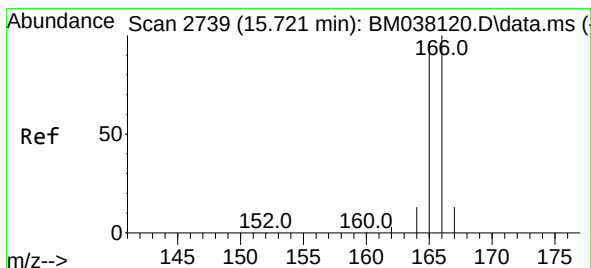
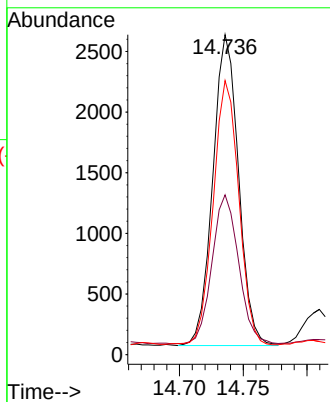
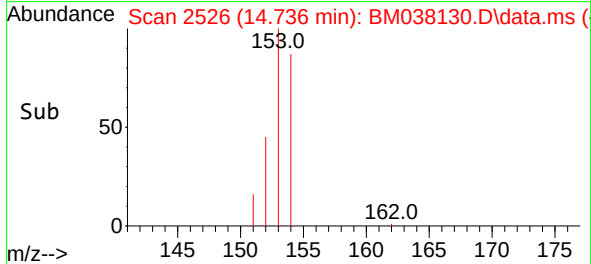
Instrument :
BNA_M
ClientSampleId :
DBXQ6



Tgt Ion:153 Resp: 3598
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 85.6 69.2 103.8

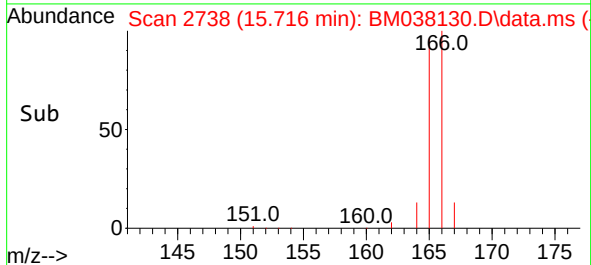
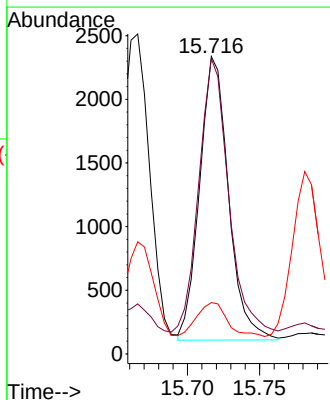
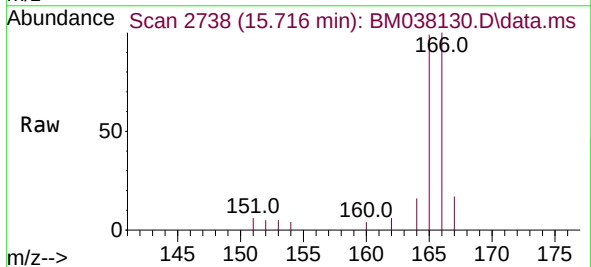
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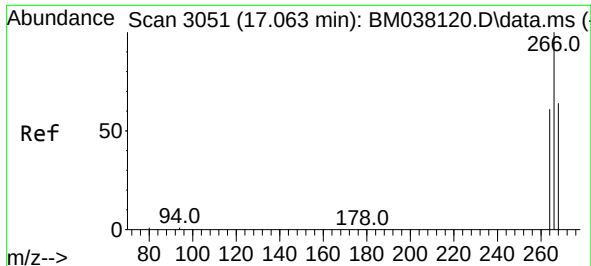
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022



#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.716 min Scan# 2738
Delta R.T. -0.004 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

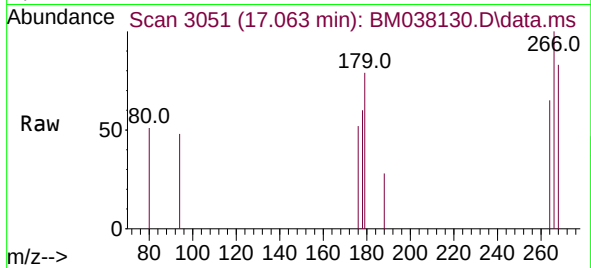
Tgt Ion:166 Resp: 3103
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.4
167 17.3 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

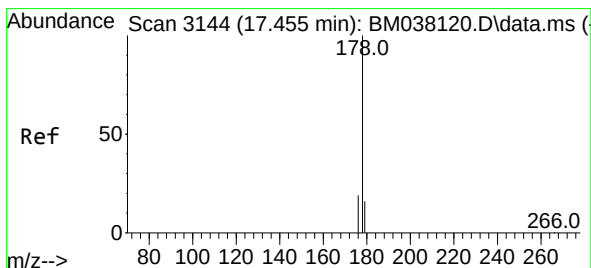
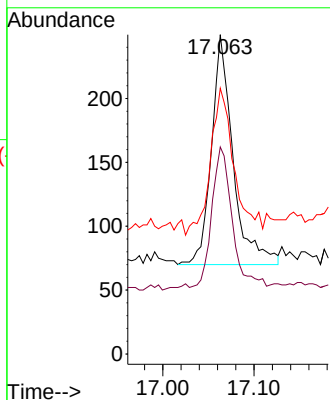
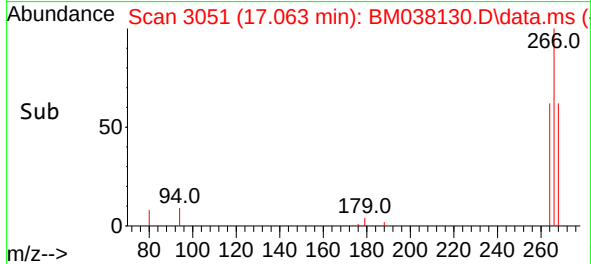
Instrument :
BNA_M
ClientSampleId :
DBXQ6



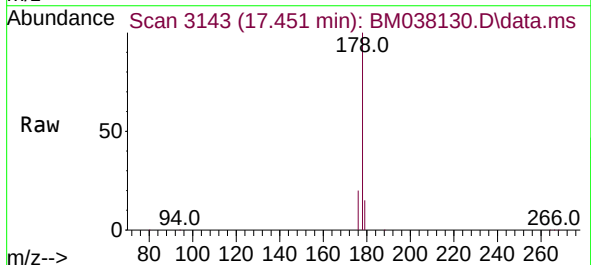
Tgt Ion:266 Resp: 296
Ion Ratio Lower Upper
266 100
264 57.4 49.9 74.9
268 69.9 52.0 78.0

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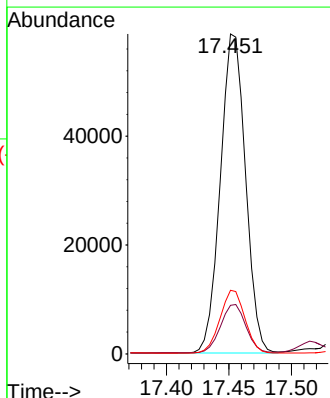
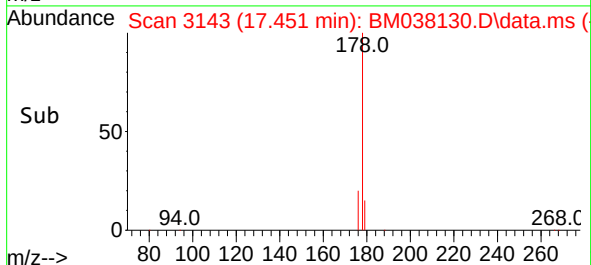
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022

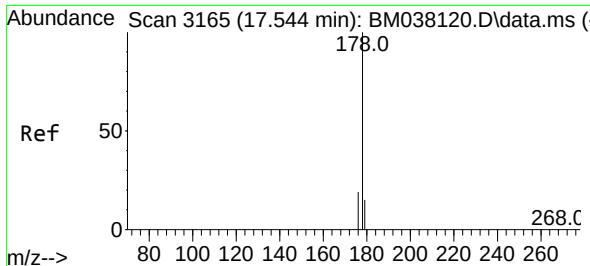


#15
Phenanthrene
Concen: 1.283 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28



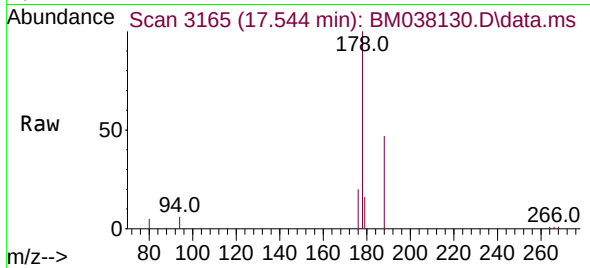
Tgt Ion:178 Resp: 82428
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.9 15.8 23.6





#16
 Anthracene
 Concen: 0.237 ng/ul
 RT: 17.544 min Scan# 3165
 Delta R.T. -0.004 min
 Lab File: BM038130.D
 Acq: 20 Dec 2022 08:28

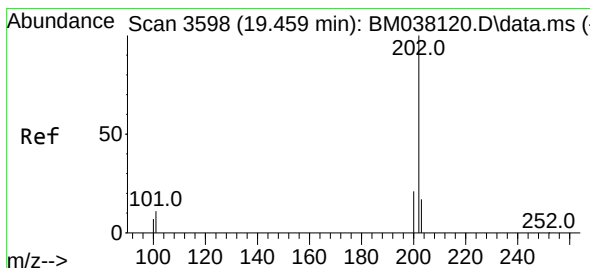
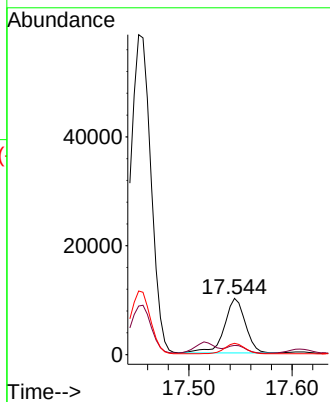
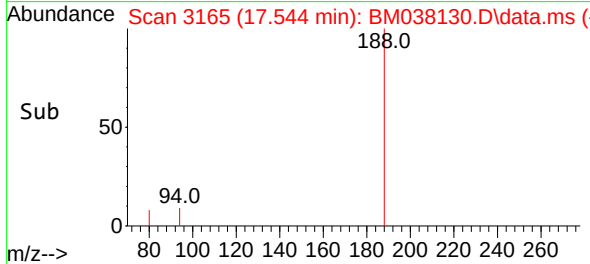
Instrument :
 BNA_M
 ClientSampleId :
 DBXQ6



Tgt Ion:178 Resp: 14065
 Ion Ratio Lower Upper
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 179 16.5 13.0 19.4
 176 20.1 15.0 22.4

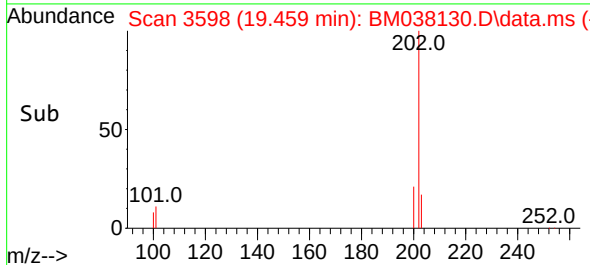
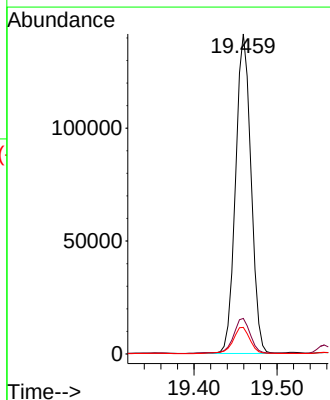
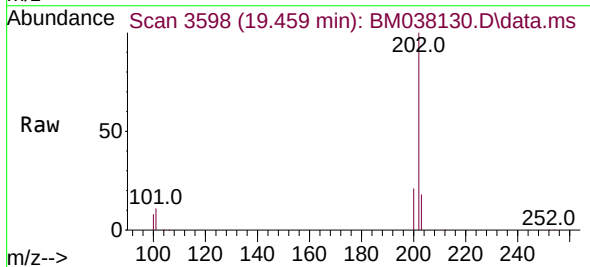
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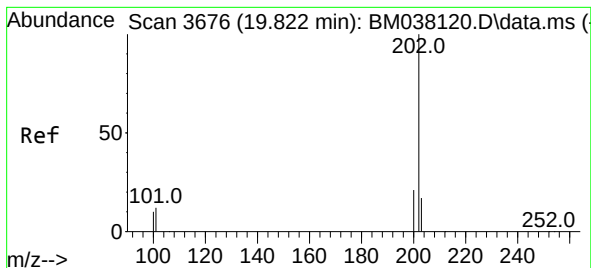
Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/21/2022



#19
 Fluoranthene
 Concen: 2.331 ng/ul
 RT: 19.459 min Scan# 3598
 Delta R.T. -0.004 min
 Lab File: BM038130.D
 Acq: 20 Dec 2022 08:28

Tgt Ion:202 Resp: 182535
 Ion Ratio Lower Upper
 202 100
 101 11.1 10.6 15.8
 100 8.3 7.9 11.9





#20

Pyrene

Concen: 1.825 ng/ul m

RT: 19.822 min Scan# 30

Delta R.T. -0.004 min

Lab File: BM038130.D

Acq: 20 Dec 2022 08:28

Instrument :

BNA_M

ClientSampleId :

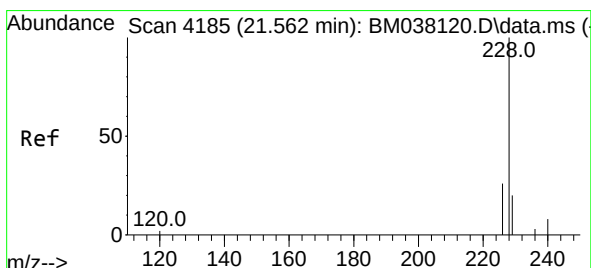
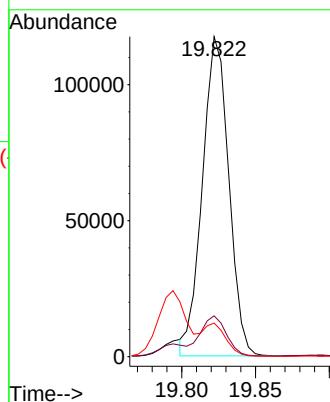
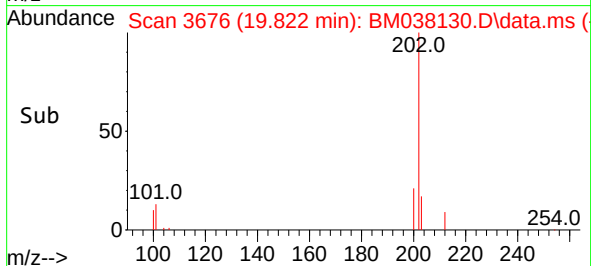
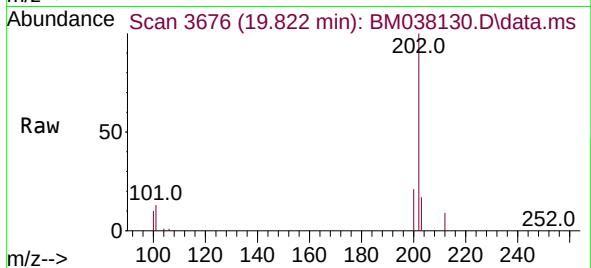
DBXQ6

Tgt Ion:	202	Resp:	14582
Ion Ratio	Lower	Upper	
202	100		
101	12.7	12.1	18.1
100	10.5	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 1.164 ng/ul

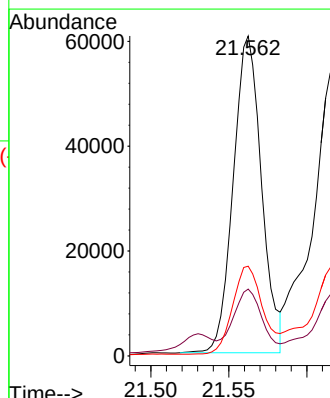
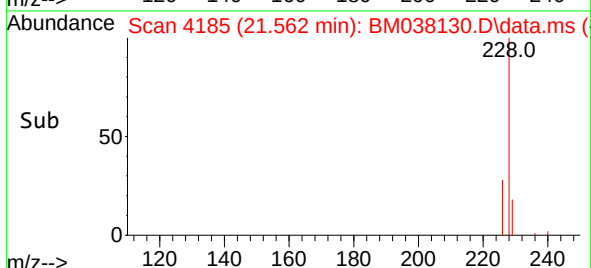
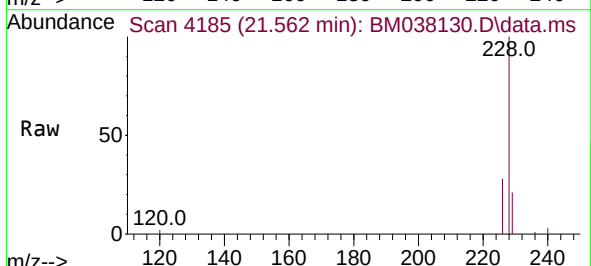
RT: 21.562 min Scan# 4185

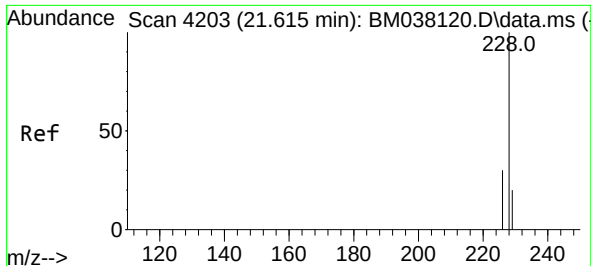
Delta R.T. -0.003 min

Lab File: BM038130.D

Acq: 20 Dec 2022 08:28

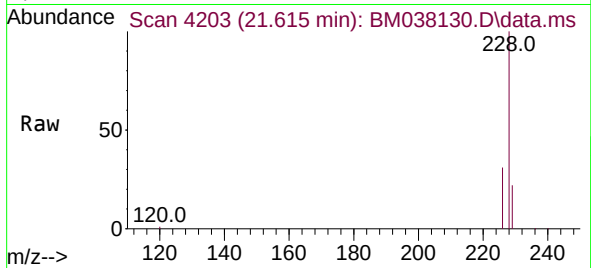
Tgt Ion:	228	Resp:	76231
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.9	23.9
226	28.0	22.1	33.1





#22
Chrysene
Concen: 1.258 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038130.D
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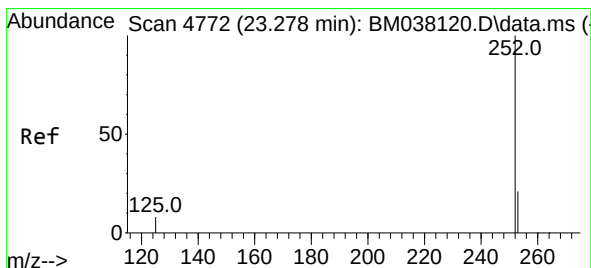
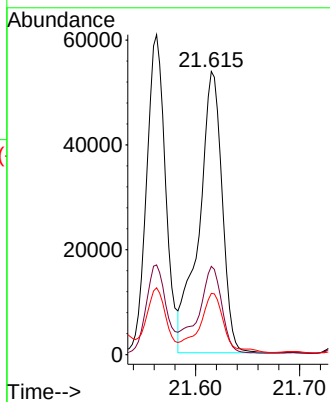
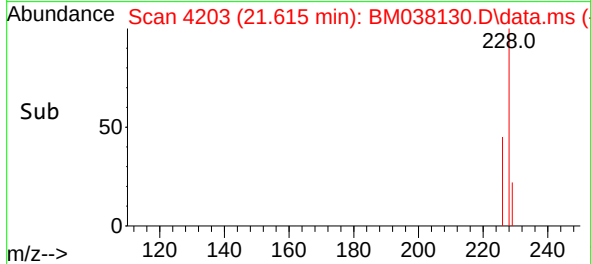
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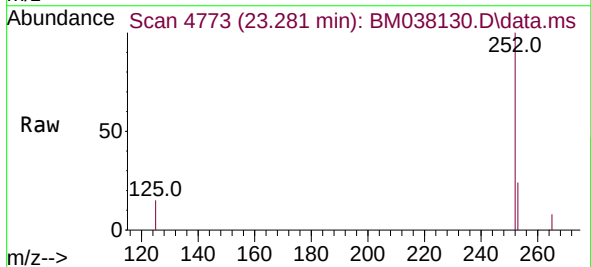
Tgt Ion:228 Resp: 83120
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 21.6 15.7 23.5

Manual Integrations
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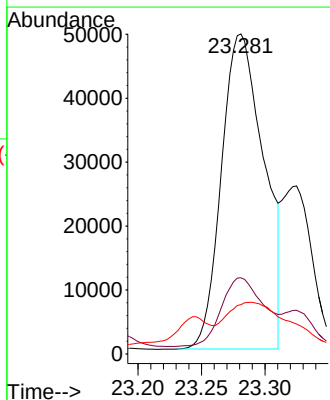
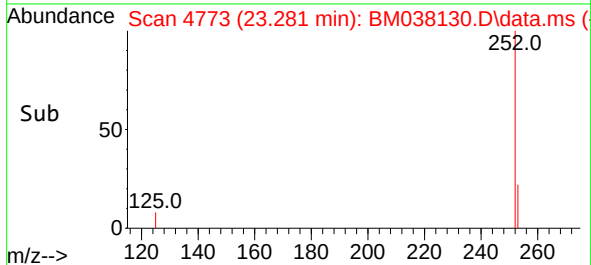
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022

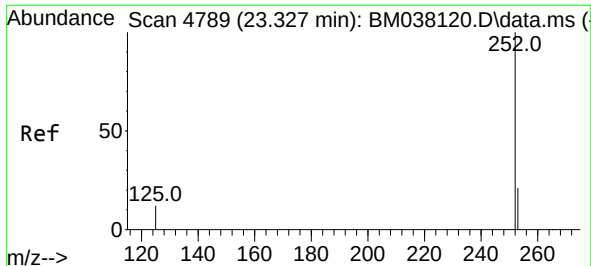


#24
Benzo(b)fluoranthene
Concen: 1.647 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.000 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28



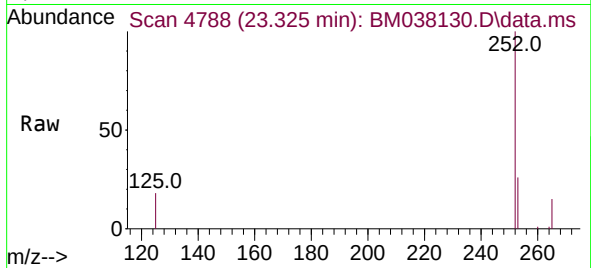
Tgt Ion:252 Resp: 114556
Ion Ratio Lower Upper
252 100
253 23.8 0.0 51.8
125 15.4 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.624 ng/ul m
RT: 23.325 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

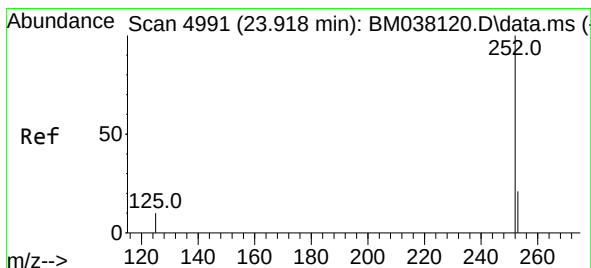
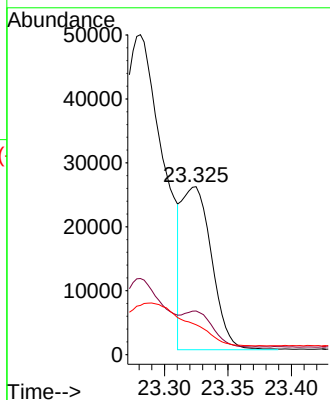
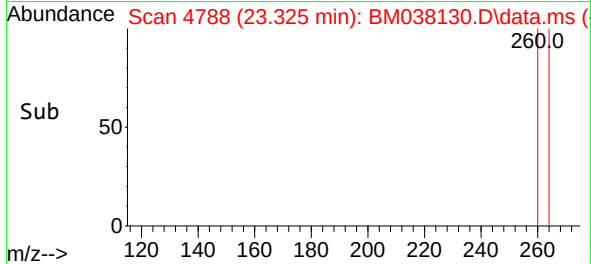
Instrument :
BNA_M
ClientSampleId :
DBXQ6



Tgt Ion:252 Resp: 41875
Ion Ratio Lower Upper
252 100
253 26.0 20.8 31.2
125 17.7 17.1 25.7

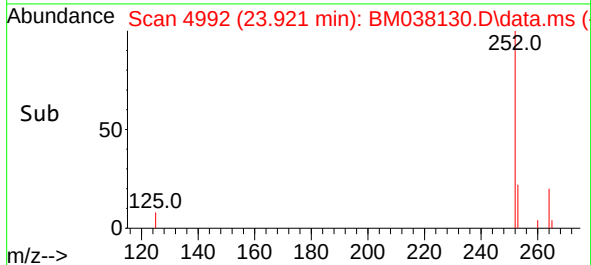
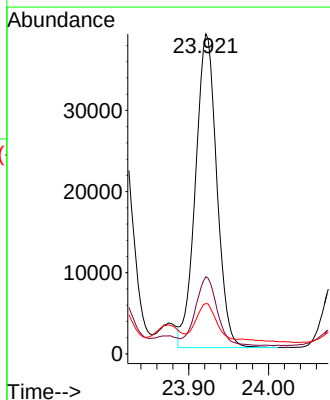
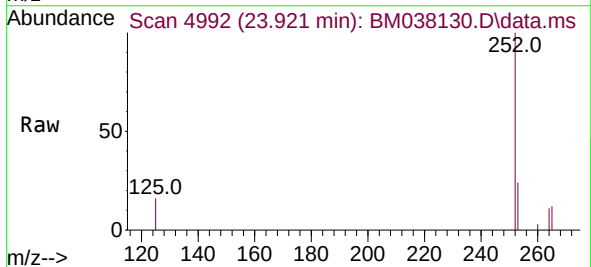
Manual Integrations
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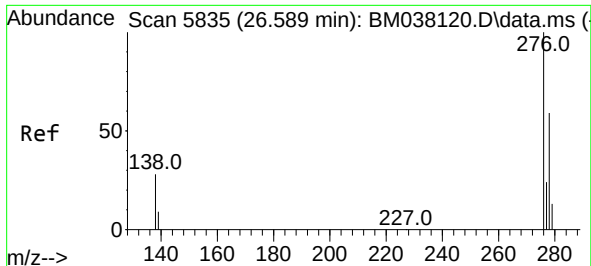
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/21/2022



#26
Benzo(a)pyrene
Concen: 1.220 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038130.D
Acq: 20 Dec 2022 08:28

Tgt Ion:252 Resp: 71444
Ion Ratio Lower Upper
252 100
253 24.1 21.9 32.9
125 15.7 20.7 31.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.704 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.010 min

Lab File: BM038130.D

Acq: 20 Dec 2022 08:28

Instrument :

BNA_M

ClientSampleId :

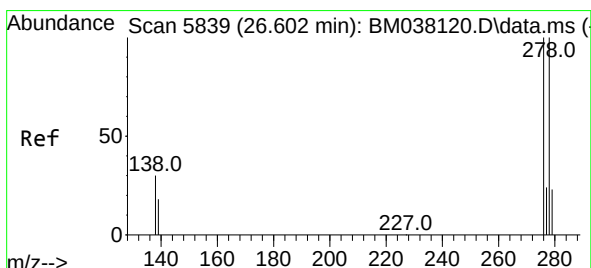
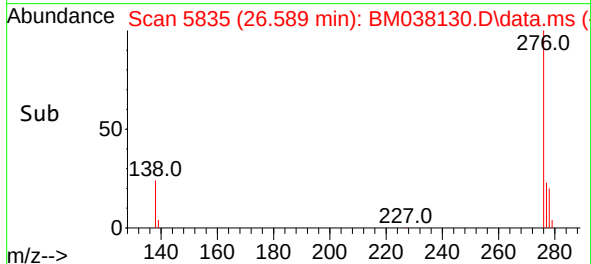
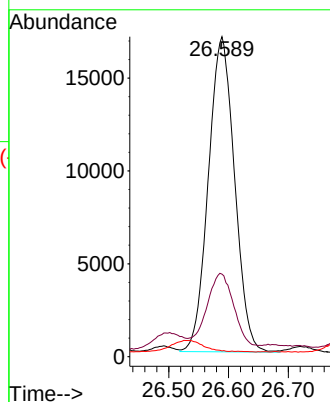
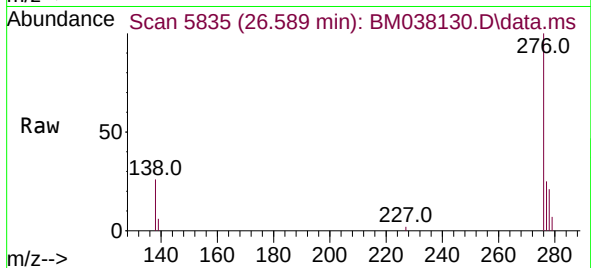
DBXQ6

Tgt Ion:	276	Resp:	5176
Ion Ratio	Lower	Upper	
276	100		
138	23.6	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 12/21/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.224 ng/ul

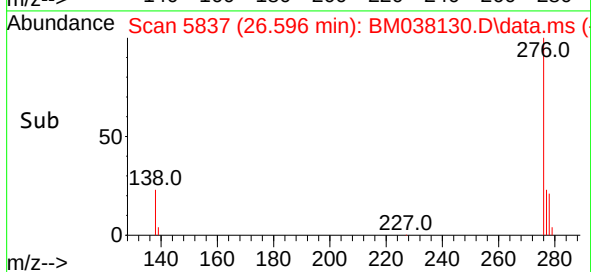
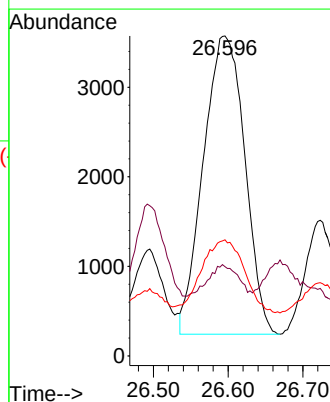
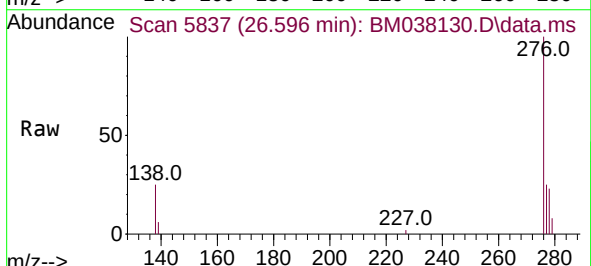
RT: 26.596 min Scan# 5837

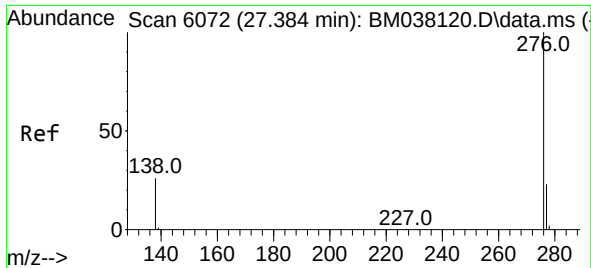
Delta R.T. -0.020 min

Lab File: BM038130.D

Acq: 20 Dec 2022 08:28

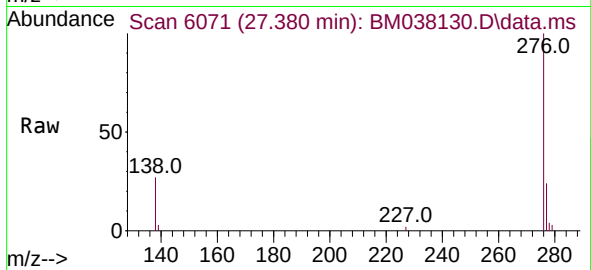
Tgt Ion:	278	Resp:	12823
Ion Ratio	Lower	Upper	
278	100		
139	27.9	19.0	28.6
279	36.3	22.4	33.6





#29
 Benzo(g,h,i)perylene
 Concen: 0.730 ng/ul
 RT: 27.380 min Scan# 6071
 Delta R.T. -0.013 min
 Lab File: BM038130.D
 Acq: 20 Dec 2022 08:28

Instrument :
 BNA_M
 ClientSampleId :
 DBXQ6



Tgt Ion:276 Resp: 45595
 Ion Ratio Lower Upper
 276 100
 138 27.1 24.1 36.1
 277 24.3 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
 Supervised By :mohammad ahmed 12/21/2022

