

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038125.D
 Acq On : 20 Dec 2022 05:27
 Operator : CG/JU
 Sample : N6006-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ6

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 05:58:35 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	5932	0.400	ng/ul	0.00
4) Naphthalene-d8	10.862	136	18962	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	10699	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	21865	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	15787	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	14243	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	37377	4.610	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	10030	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	21196	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.911	128	3592	0.063	ng/ul#	94
7) 2-Methylnaphthalene	12.511	142	1147	0.032	ng/ul	93
8) 1-Methylnaphthalene	12.731	142	765	0.021	ng/ul	96
10) Acenaphthylene	14.398	152	9245	0.165	ng/ul	98
11) Acenaphthene	14.735	153	915	0.022	ng/ul#	87
12) Fluorene	15.721	166	1407	0.030	ng/ul#	97
14) Pentachlorophenol	17.063	266	236	0.026	ng/ul	93
15) Phenanthrene	17.451	178	34472	0.468	ng/ul	99
16) Anthracene	17.544	178	9690	0.142	ng/ul	95
19) Fluoranthene	19.459	202	111767	1.371	ng/ul#	88
20) Pyrene	19.822	202	83938m	1.008	ng/ul	
21) Benzo(a)anthracene	21.559	228	44652	0.655	ng/ul	98
22) Chrysene	21.615	228	47794	0.695	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	64004	0.948	ng/ul	96
25) Benzo(k)fluoranthene	23.325	252	22477m	0.345	ng/ul	
26) Benzo(a)pyrene	23.921	252	35052	0.616	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.589	276	27377	0.383	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.592	278	6871	0.124	ng/ul#	77
29) Benzo(g,h,i)perylene	27.384	276	19155	0.316	ng/ul	95

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

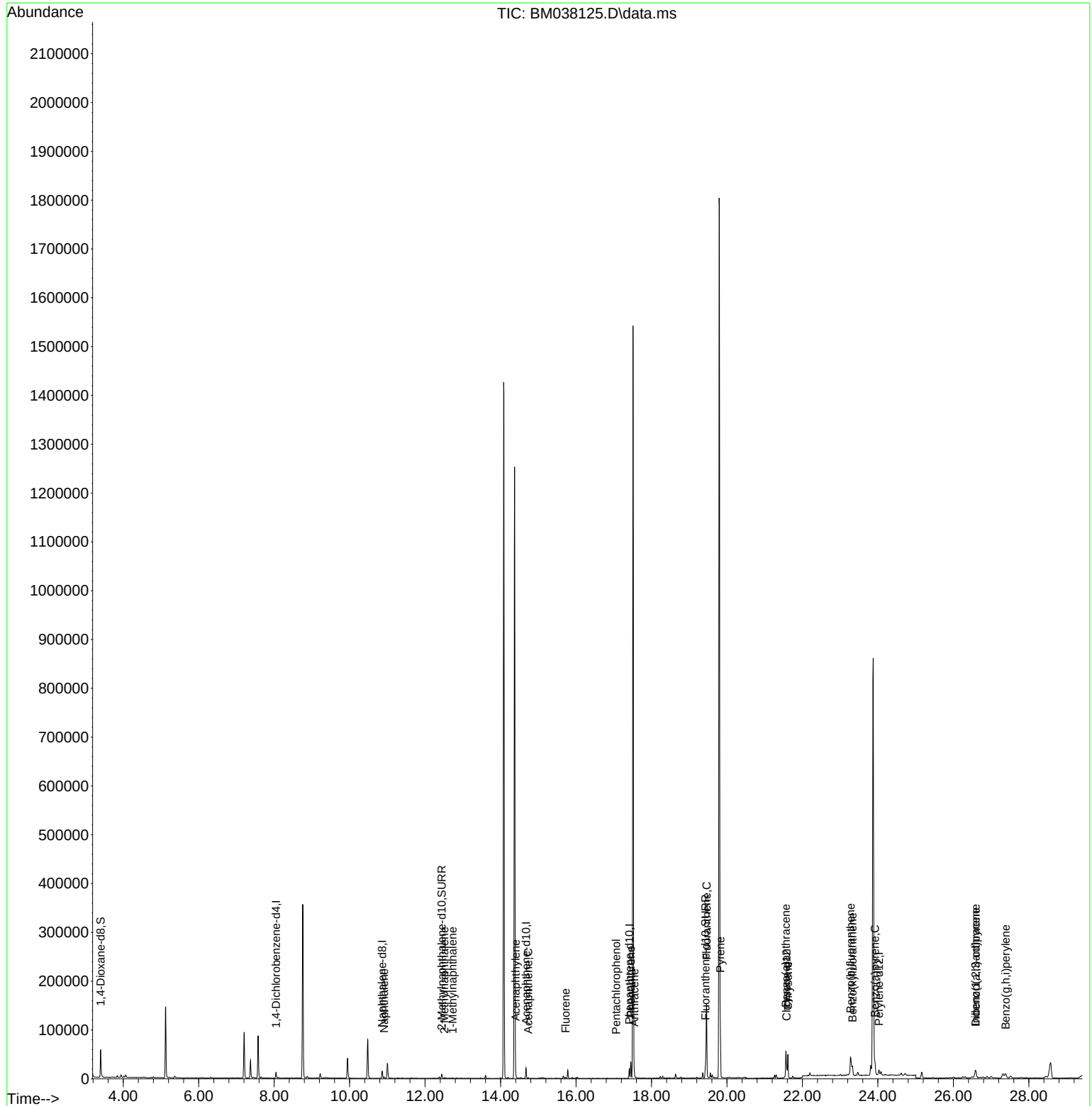
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038125.D
Acq On : 20 Dec 2022 05:27
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ALS Vial : 29 Sample Multiplier: 1

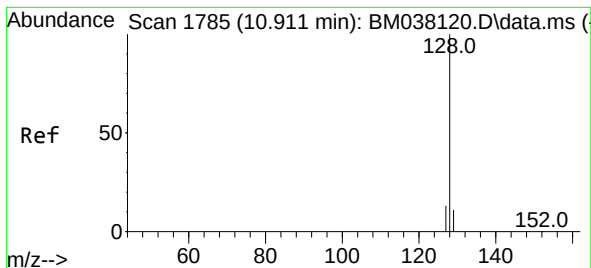
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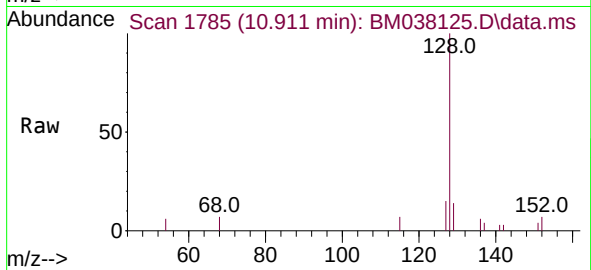
Quant Time: Dec 20 05:58:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
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#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.911 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

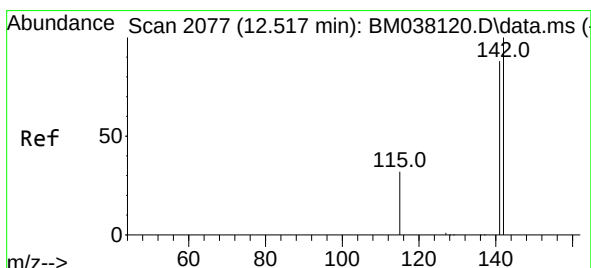
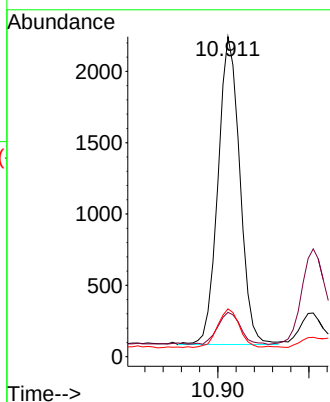
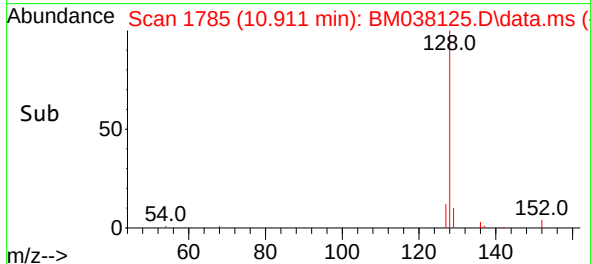
Instrument :
BNA_M
ClientSampleId :
DBXZ6



Tgt Ion:128 Resp: 3592
Ion Ratio Lower Upper
128 100
129 13.8 9.1 13.7
127 14.9 10.4 15.6

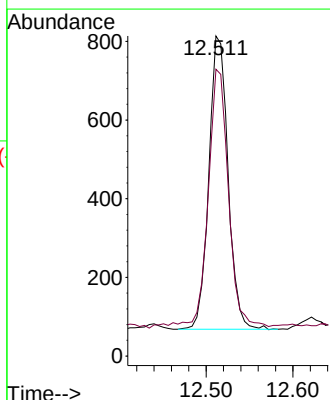
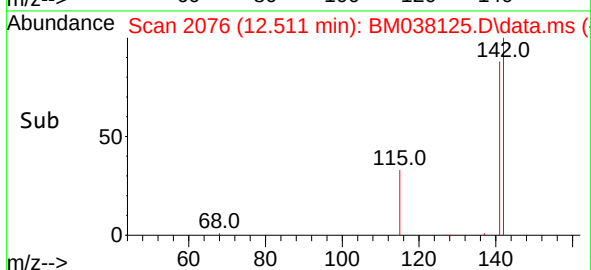
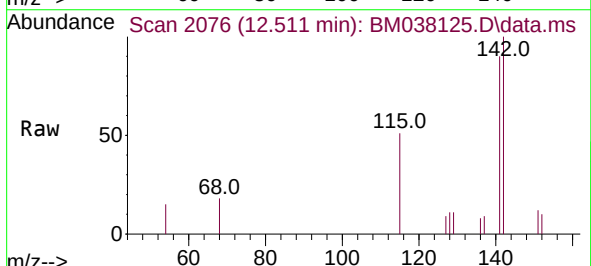
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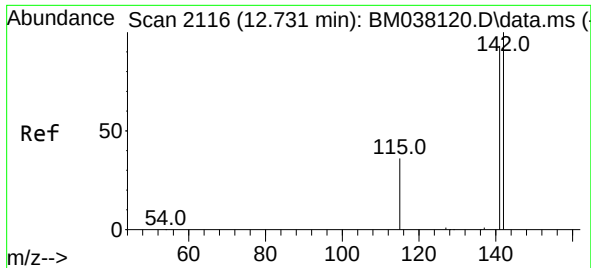
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.511 min Scan# 2076
Delta R.T. -0.011 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

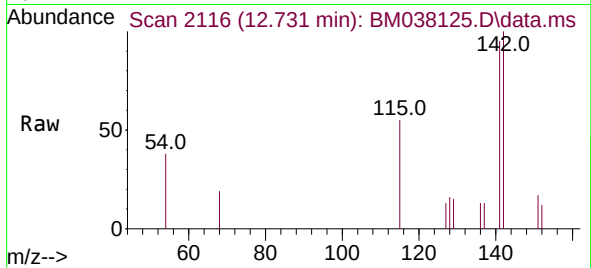
Tgt Ion:142 Resp: 1147
Ion Ratio Lower Upper
142 100
141 94.9 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.731 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

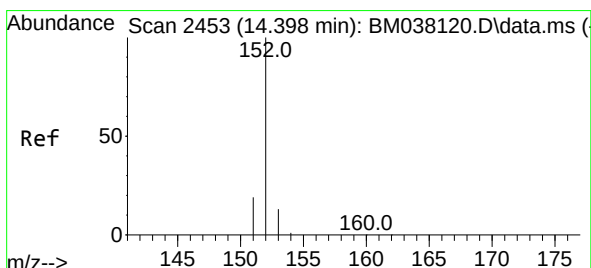
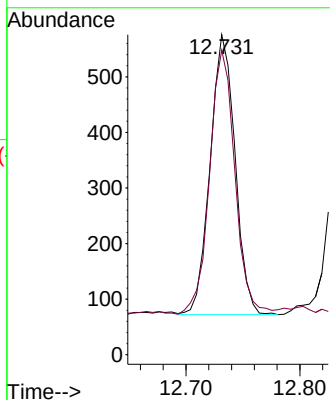
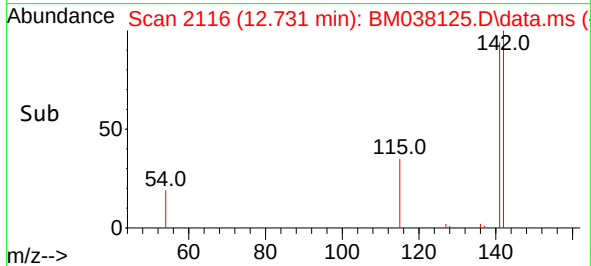
Instrument :
BNA_M
ClientSampleId :
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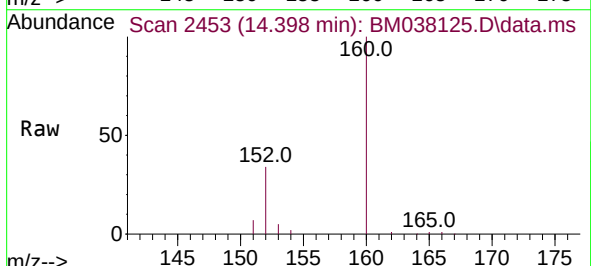
Tgt Ion:142 Resp: 765
Ion Ratio Lower Upper
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141 96.1 73.6 110.4

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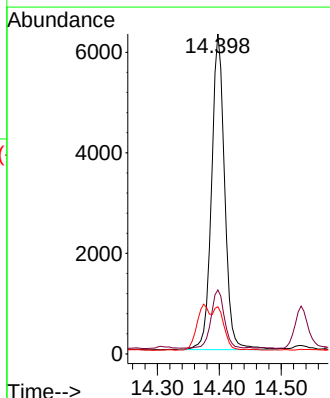
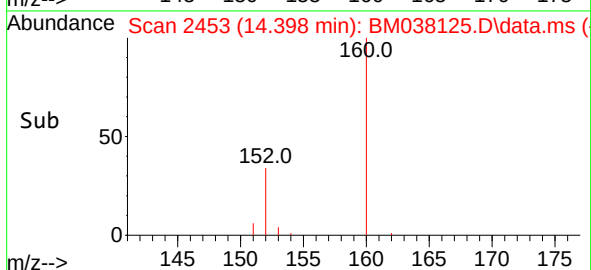
Reviewed By :Jagrut Upadhyay 12/20/2022
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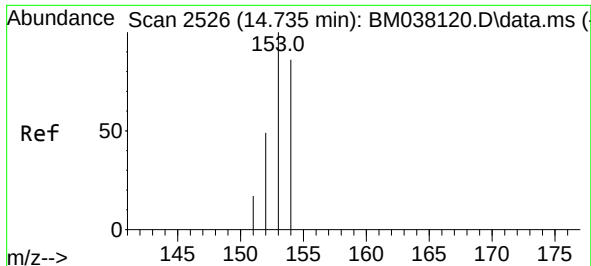


#10
Acenaphthylene
Concen: 0.165 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27



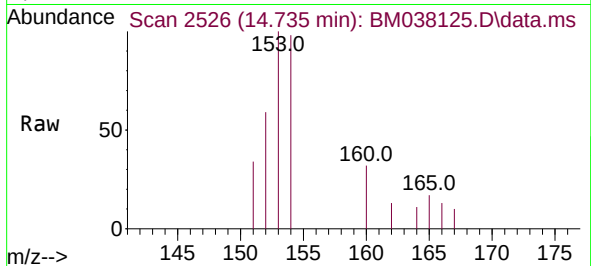
Tgt Ion:152 Resp: 9245
Ion Ratio Lower Upper
152 100
151 20.0 15.5 23.3
153 14.8 11.0 16.4





#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.735 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

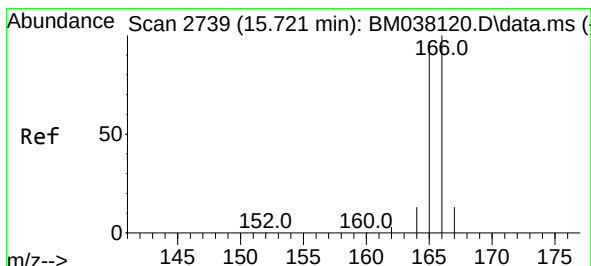
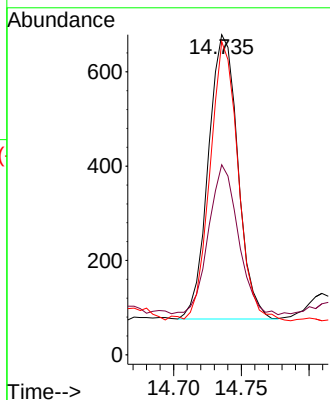
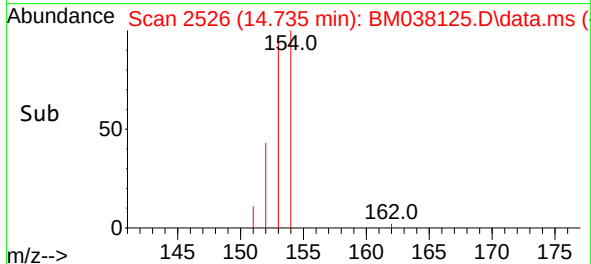
Instrument :
BNA_M
ClientSampleId :
DBXZ6



Tgt Ion:153 Resp: 915
Ion Ratio Lower Upper
153 100
152 59.4 39.5 59.3#
154 97.8 69.2 103.8

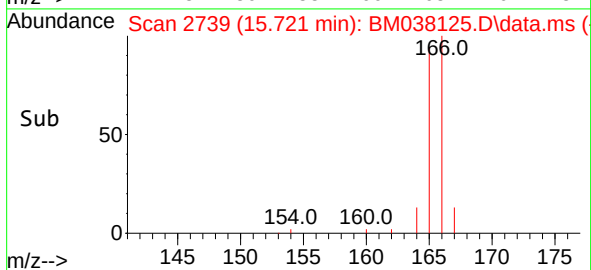
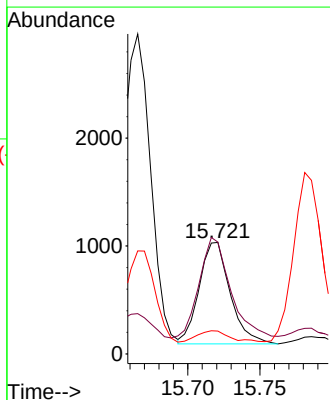
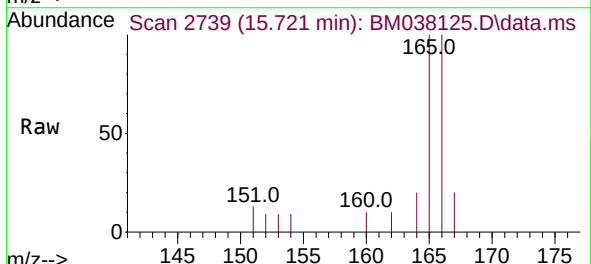
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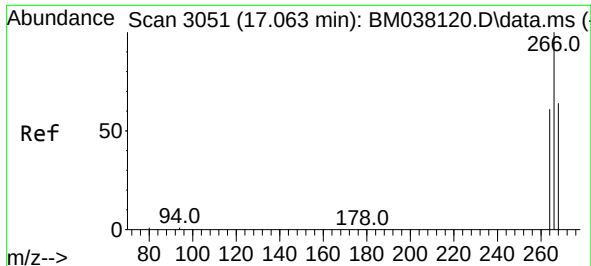
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

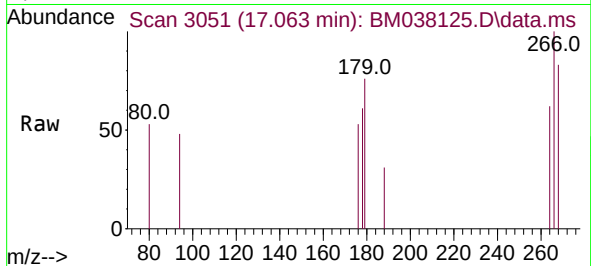
Tgt Ion:166 Resp: 1407
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.4
167 20.4 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.004 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

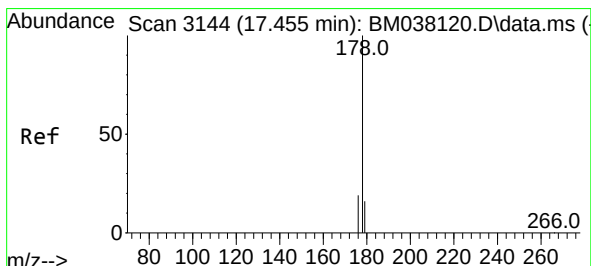
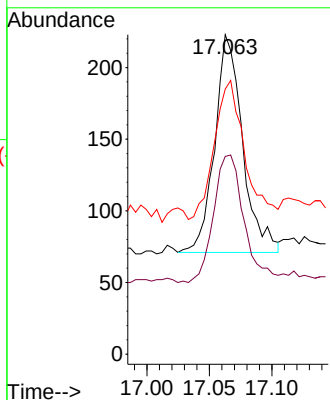
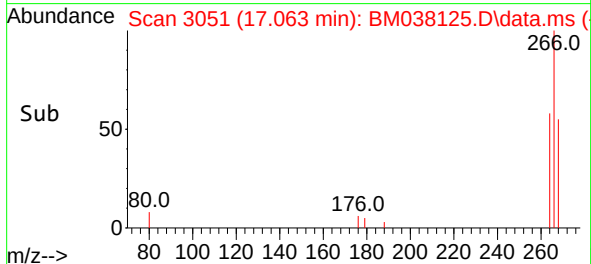
Instrument :
BNA_M
ClientSampleId :
DBXZ6



Tgt Ion:266 Resp: 236
Ion Ratio Lower Upper
266 100
264 69.1 49.9 74.9
268 69.1 52.0 78.0

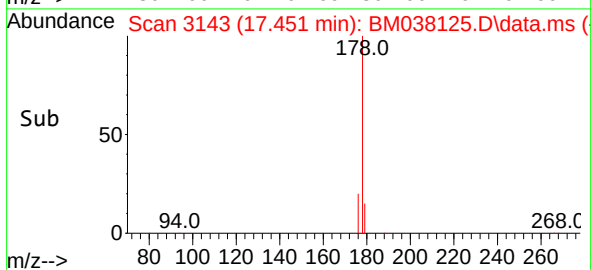
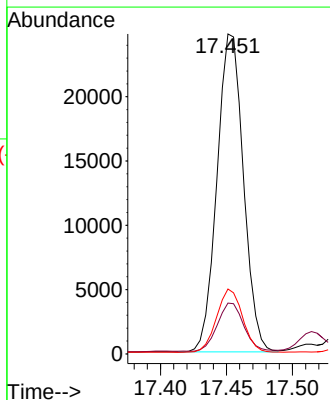
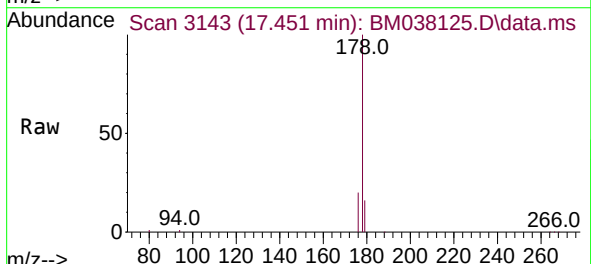
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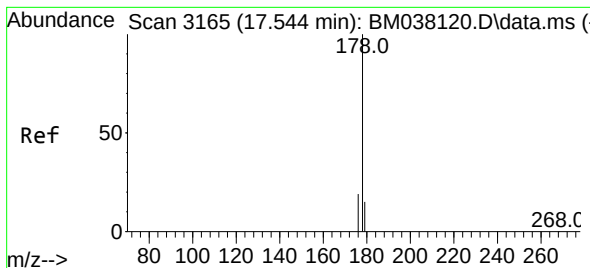
Reviewed By :Jagrut Upadhyay 12/20/2022
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#15
Phenanthrene
Concen: 0.468 ng/ul
RT: 17.451 min Scan# 3143
Delta R.T. -0.008 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

Tgt Ion:178 Resp: 34472
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.3 15.8 23.6





#16

Anthracene

Concen: 0.142 ng/ul

RT: 17.544 min Scan# 3165

Delta R.T. -0.004 min

Lab File: BM038125.D

Acq: 20 Dec 2022 05:27

Instrument :

BNA_M

ClientSampleId :

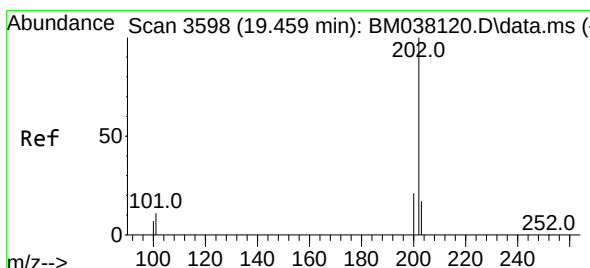
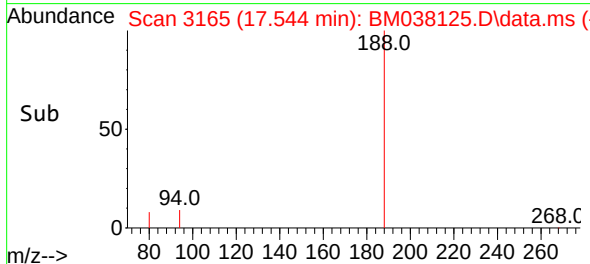
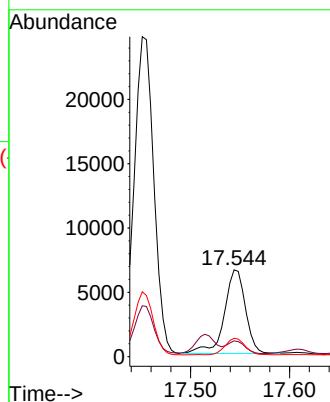
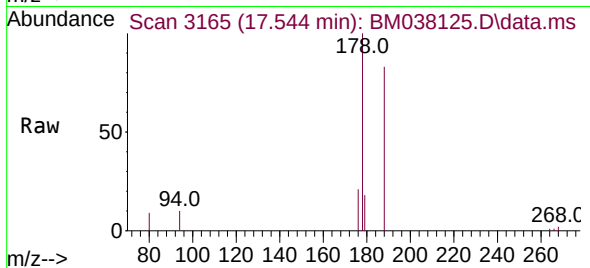
DBXZ6

Tgt Ion:178	Resp:	9690
Ion Ratio	Lower	Upper
178	100	
179	18.1	13.0 19.4
176	21.0	15.0 22.4

Manual Integrations

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#19

Fluoranthene

Concen: 1.371 ng/ul

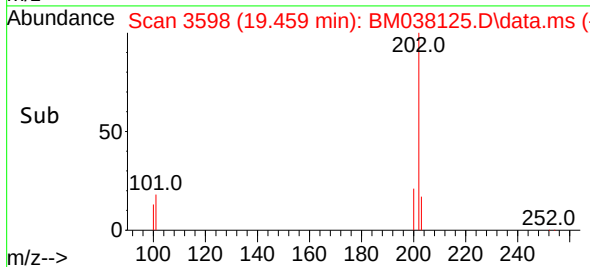
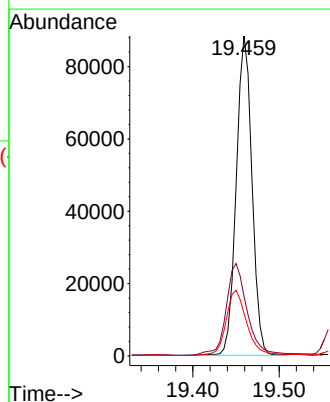
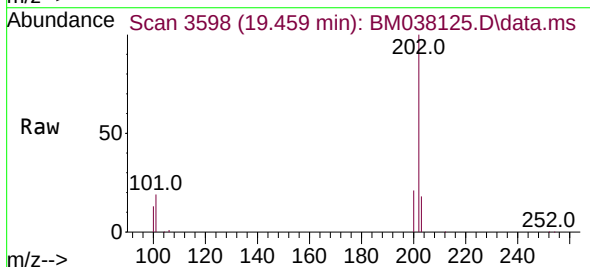
RT: 19.459 min Scan# 3598

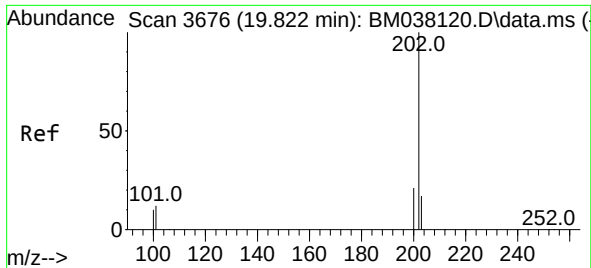
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Lab File: BM038125.D

Acq: 20 Dec 2022 05:27

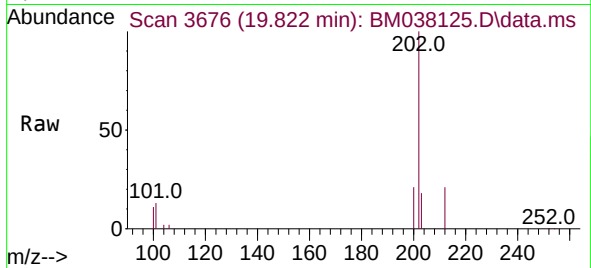
Tgt Ion:202	Resp:	111767
Ion Ratio	Lower	Upper
202	100	
101	18.6	10.6 15.8#
100	13.2	7.9 11.9#





#20
Pyrene
Concen: 1.008 ng/ul m
RT: 19.822 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

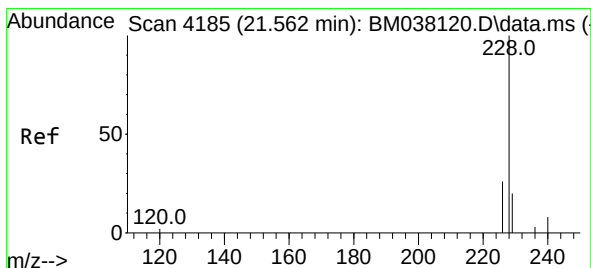
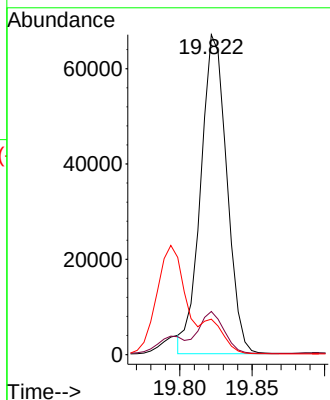
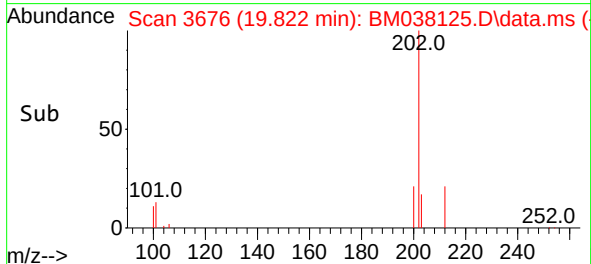
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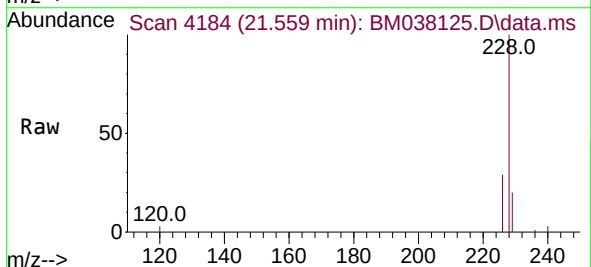
Tgt Ion:202 Resp: 83938
Ion Ratio Lower Upper
202 100
101 13.5 12.1 18.1
100 11.1 9.8 14.6

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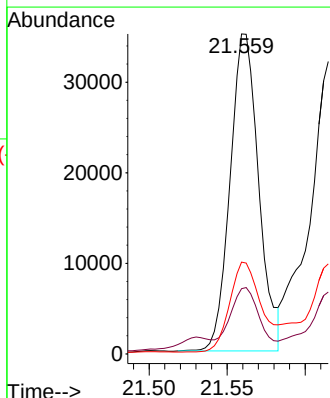
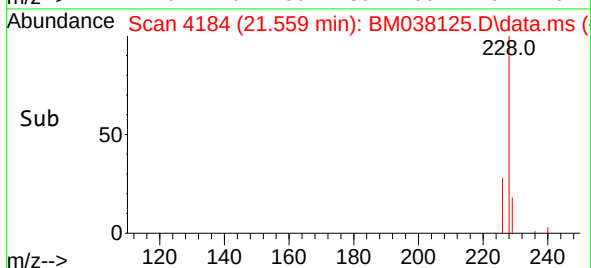
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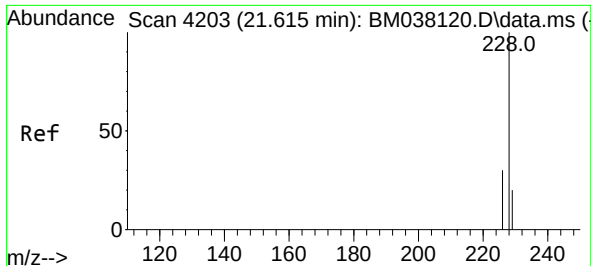


#21
Benzo(a)anthracene
Concen: 0.655 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.006 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27



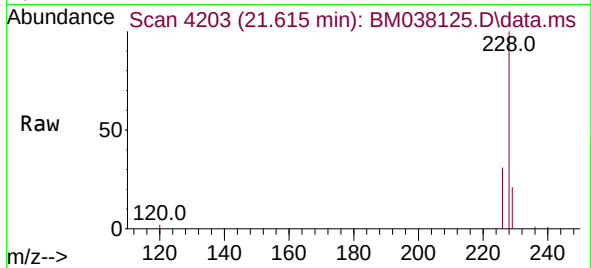
Tgt Ion:228 Resp: 44652
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.7 22.1 33.1





#22
Chrysene
Concen: 0.695 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

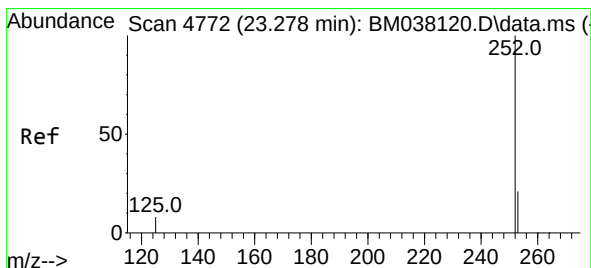
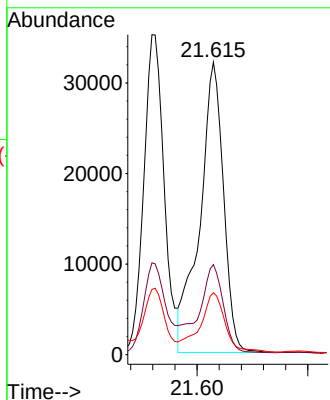
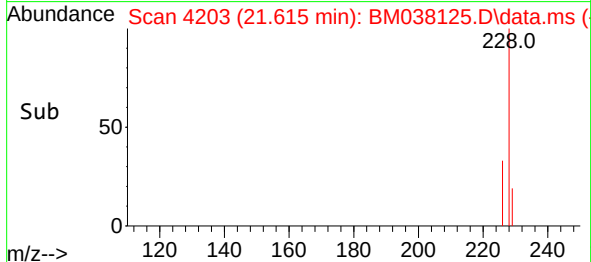
Instrument :
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ClientSampleId :
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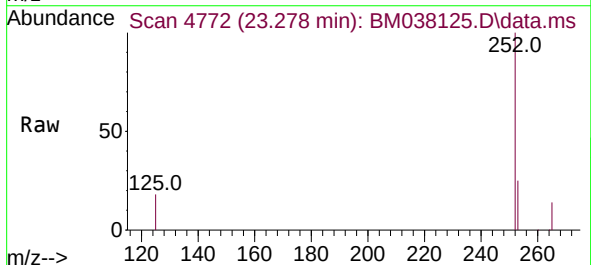
Tgt Ion:228 Resp: 47794
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.2 15.7 23.5

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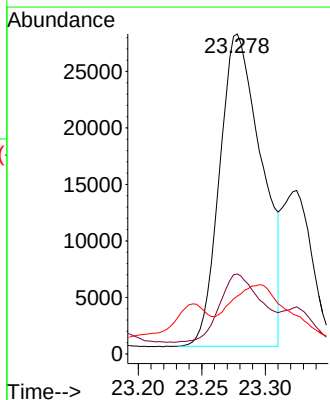
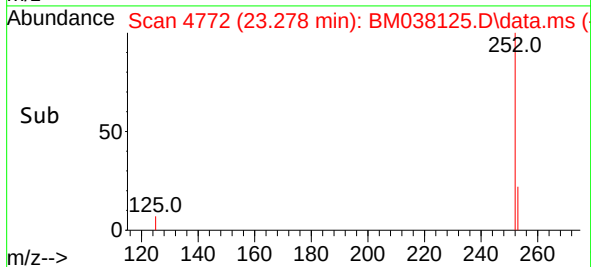
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022

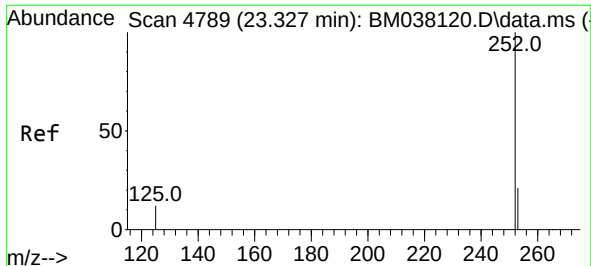


#24
Benzo(b)fluoranthene
Concen: 0.948 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27



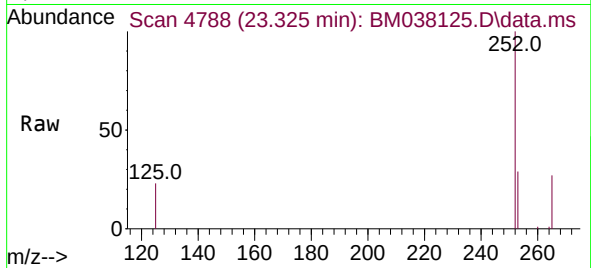
Tgt Ion:252 Resp: 64004
Ion Ratio Lower Upper
252 100
253 25.0 0.0 51.8
125 18.0 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.325 min Scan# 4789
Delta R.T. -0.006 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

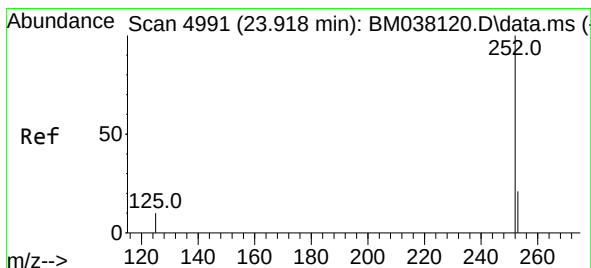
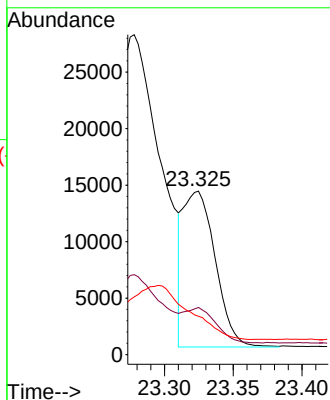
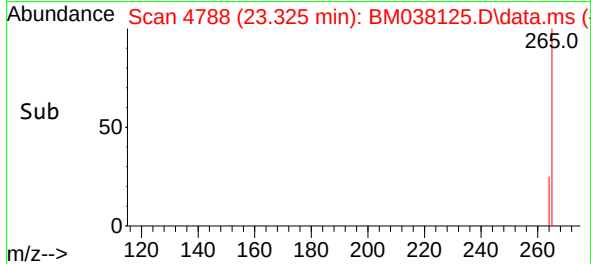
Instrument :
BNA_M
ClientSampleId :
DBXZ6



Tgt Ion:252 Resp: 2247
Ion Ratio Lower Upper
252 100
253 28.8 20.8 31.2
125 23.5 17.1 25.7

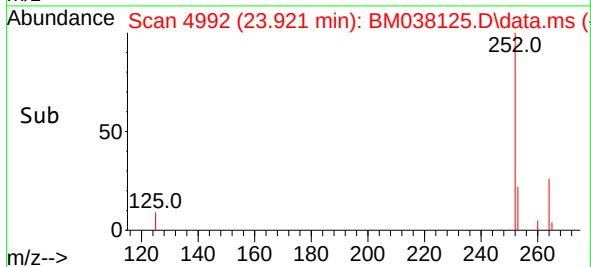
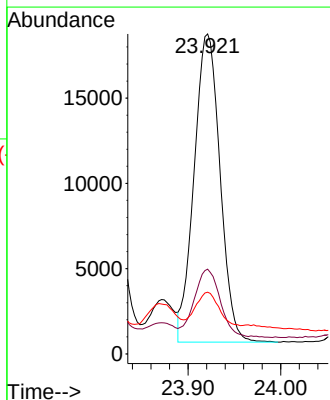
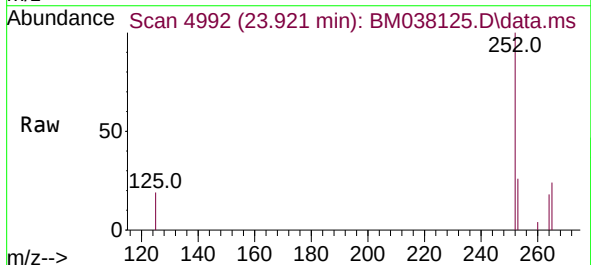
Manual Integrations
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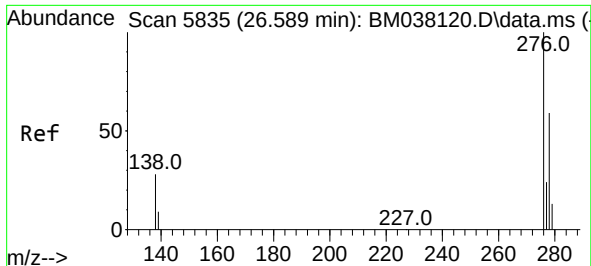
Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022



#26
Benzo(a)pyrene
Concen: 0.616 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. -0.003 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

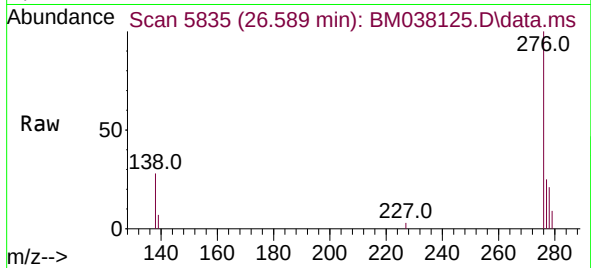
Tgt Ion:252 Resp: 35052
Ion Ratio Lower Upper
252 100
253 26.5 21.9 32.9
125 19.3 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.383 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27

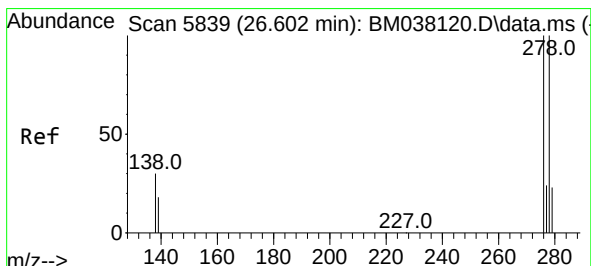
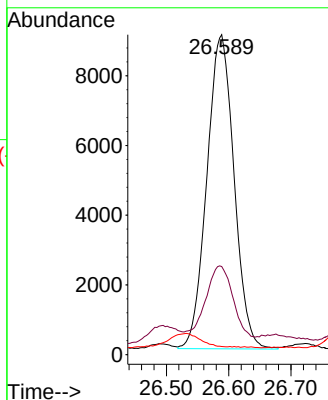
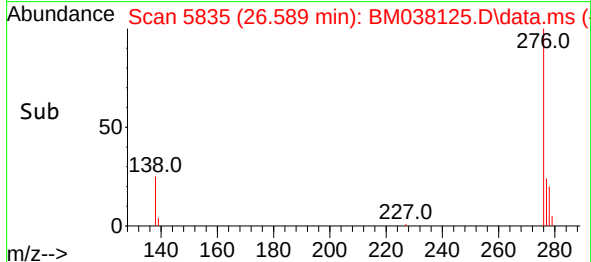
Instrument :
BNA_M
ClientSampleId :
DBXZ6



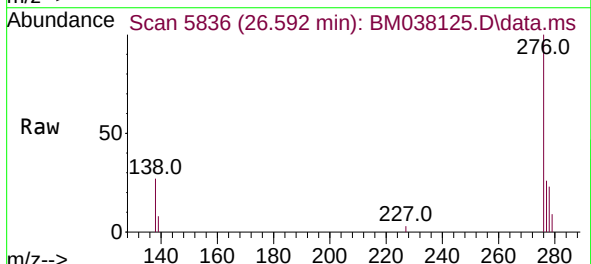
Tgt Ion: 276 Resp: 2737
Ion Ratio Lower Upper
276 100
138 22.9 26.6 40.0#
227 0.0 0.1 0.1#

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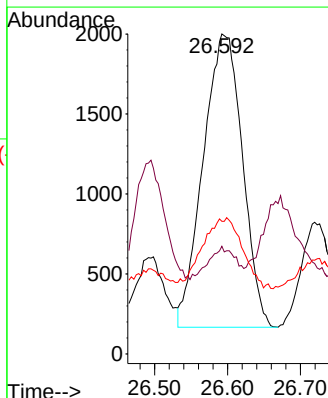
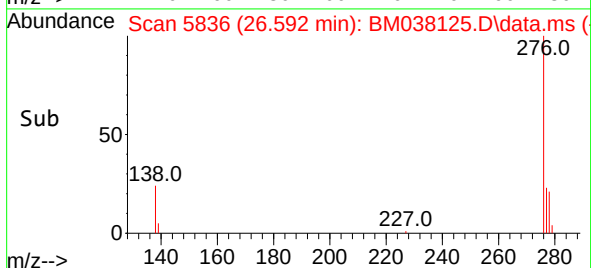
Reviewed By : Jagrut Upadhyay 12/20/2022
Supervised By : mohammad ahmed 12/20/2022

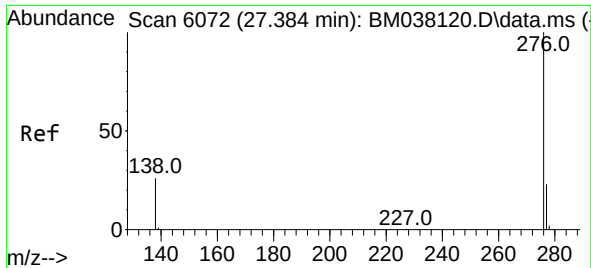


#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.023 min
Lab File: BM038125.D
Acq: 20 Dec 2022 05:27



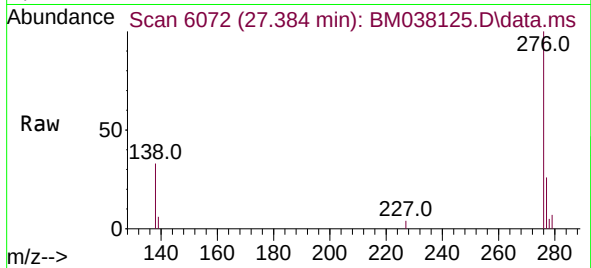
Tgt Ion: 278 Resp: 6871
Ion Ratio Lower Upper
278 100
139 33.6 19.0 28.6#
279 41.4 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.316 ng/ul
 RT: 27.384 min Scan# 6072
 Delta R.T. -0.010 min
 Lab File: BM038125.D
 Acq: 20 Dec 2022 05:27

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ6



Tgt Ion: 276 Resp: 1915
 Ion Ratio Lower Upper
 276 100
 138 33.2 24.1 36.1
 277 25.9 19.0 28.6

Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 12/20/2022

